PBK

MURRAY MIDDLE SCHOOL MODERNIZATION

MARTIN COUNTY SCHOOL DISTRICT

PROJECT NUMBER: 25064.00

4400 SE MURRAY STREET
STUART, FLORIDA 34997

100% CONSTRUCTION DOCUMENTS

2026/05/25

CLIENT PROJECT NUMBER: PO #5182600045



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STATE OF FLORIDA
ANTONIO MIRACOLA IV
AR102545
REGISTERED ARCHITECT

HB ESTIMATING REC'D 06.01.2026

100% CONSTRUCTION DOCUMENTS

4400 SE MURRAY STREET
STUART, FLORIDA 34997

MURRAY MIDDLE SCHOOL MODERNIZATION

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G-001

0"
1"

DRAWING INDEX

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25

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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date
1	COORDINATION	2026/06/17

CHECKED BY: RT

DRAWN BY: AM

VOLUME NO. 1

SHEET INDEX

G-001

Plot Stamp:
6/19/2026 10:43:01 AM

HB ESTIMATING REC'D 06.01.2026

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1"

GENERAL PROJECT INFORMATION
G-002

ABBREVIATIONS AND LEGEND KEYS

REFER TO SCHEDULES AND LEGENDS FOR ADDITIONAL ABBREVIATIONS
REFER TO OTHER DISCIPLINES FOR ADDITIONAL ABBREVIATIONS

A	
ABV	above
ACOUS	acoustical
ACT	acoustical ceiling tile
AD	area drain
ADJ	adjustable
AFF	above finished floor
ALT	alternate
ALUM	aluminum
APPROX	approximate
ARCH	architect / architectural
B	
B.O.	bottom of
BALC	balcony
BD	board
BET	between
BLDG	building
BLKG	blocking
BLW	below
BM	beam
BOT	bottom
BRKT	bracket
BULKHD	bulkhead
BUR	built up roof
C	
C.G.	corner guard
CAB	cabinet
CALK	caulking
CDS	cabinet design series
CEM	cement
CER	ceramic
CJ	control joint
CLG	ceiling
CLOS	closet
CLR	clear
CO	cased opening
COL	column
CONC	concrete
CONT	continous
CPT	carpet
CT	ceramic tile
CTR	center
CW	curtain wall
D	
DBL	double
DET	detail
DIA	diameter
DIM	dimension
DN	down
DR	door
DS	down spout
DW	dishwasher
DWG	drawing
E	
E	east
EA	each
EIFS	exterior insulation & finish system
ELEC	electric(al)
ELEV	elevation
EMER	emergency
ENCL	enclosure
EOS	edge of slab
EQ	equal
EQUIP	equipment
ETR	existing to remain
EW	each way
EXP. JT.	expansion joint
EXST	existing
F	
F.O.	face of
FA	fire alarm
FAP	fire annunciator panel
FD	floor drain
FE	fire extinguisher
FEC	fire extinguisher cabinet
FG	finish group
FH	fire hydrant
FHC	fire hose cabinet
FIN	finish
FLR	floor
FLUOR	fluorescent
FT	foot or feet
FUR	furring
G	
GAL	gallon
GALV	galvanized
GB	grab bar
GC	general contractor
GL	glass
GND	ground
GWB	gypsum wall board
GYP	gypsum
H	
H.W.H.	hot water heater
HC	handicapped
HDWD	hardwood
HDWR	hardware
HM	hollow metal
HORIZ	horizontal
HR	hour
HT	height
I	
ID	inner diameter
INCAN	incandescent
INSUL	insulation
INT	interior
J	
JAN	janitor
JST	joist
JT	joint
L	
LAM	laminate
LAV	lavatory
LB	pound(s)
LDG	landing
LT	light
M	
MAX	maximum
MECH	mechanical
MEMB	membrane
MFR	manufacturer
MIN	minimum
MISC	miscellaneous
MO	masonry opening
MTD	mounted
MTL	metal
N	
N	north
NIC	not in contract
NO	number
NOM	nominal
NTS	not to scale
O	
O.P.	overflow pipe
OA	overall
OC	on center
OD	outside diameter
OFF	office
OH	opposite hand
OPG	opening
OPP	opposite
P	
PART	partition
PCT	porcelain tile
PERM	perimeter
PG	paint grade
PLAM	plastic laminate
PLAS	plaster
PLYWD	plywood
POLYISO	polyisocyanurate
PR	pair
PT	paint
PTD	painted
R	
R	riser
RAD	radius
RCP	reflected ceiling plan
RD	roof drain
RE	refer
REF	refrigerator
REINF	reinforced
REQD	required
RESIL	resilient
RM	room
RO	rough opening
RTU	root top unit (mech)
S	
S	south
SAFB	sound attenunation fiber batt
SC	scupper
SCHED	schedule
SEAL	sealant
SECT	section
SF	square foot
SHT	sheet
SIM	similar
SPEC	specification
SQ	square
SS	stainless steel
STD	standard
STF	storefront
STL	steel
STOR	storage
STRUCT	structural
SUSP	suspended
SYM	symmetrical
T	
T	tread
T&G	tongue & groove
T.O.	top of
TEL	telephone
TER	terrazzo
THK	thick
THR	threshold
TYP	typical
U	
UC	undercut
UNFIN	unfinished
UNO	unless noted otherwise
UON	unless otherwise noted
UTIL	utility
V	
VCT	vinyl composition tile
VERT	vertical
VIF	verify in field
VTR	vent termination pipe
VWC	vinyl wall covering
W	
W	west
W/	with
W/O	without
WC	watercloset
WIN	window
WP	waterproof
WS	wood, solid core
WSCT	wainscot
WT	weight
X	
XPS	extruded polystrene

PROJECT GRAPHIC REFERENCES

A-201A

- **BUILDING AREA** (If Applicable)
- **LEVEL REFERENCE**
- **SHEET SERIES TYPE**
- **SUBDISCIPLINE**
- **DISCIPLINE**

DISCIPLINE		SUBDISCIPLINE	
G	GENERAL	-	*NOT USED*
C	CIVIL	S	SITE
CA	SPORTS CIVIL	D	DEMO
SA	SPORTS ARCH	F	FURNITURE
S	STRUCTURAL	G	GRAPHICS & SIGNAGE
L	LANDSCAPE	Q	EQUIPMENT
D	DEMOLITION		
A	ARCHITECTURAL		
M	MECHANICAL		
E	ELECTRICAL		
P	PLUMBING		
T	TECHNOLOGY		
FS	FOOD SERVICE		
AV	ACOUSTICAL		
TH	THEATRICAL		

0	GENERAL
1	PLANS (Site, Floor, Finish, Graphics)
2	CEILING
3	ROOF
4	ENLARGED PLANS
5	ELEVATIONS (Exterior)
6	SECTIONS (Bldg & Wall)
7	BLDG DETAILS
8	DIAGRAMS/COMPILED SCHEDULES (Partition Types, Door & Panel/Frame Types, Window Types)
9	INTERIOR FINISHES/SCHEDULES (Finish Plan, Interior Elevations, Casework/Millwork Elevations & Details, Locker Types & Details)

PROJECT GRAPHIC REFERENCES

4400 SE MURRAY STREET
STUART, FLORIDA 34997

PROJECT SYMBOLS

- PLAN NORTH / NORTH ARROW
- TRUE NORTH / NORTH ARROW
- WORKING POINT / LEVEL POINT / DATUM POINT / SPOT ELEVATION / TOP OF FRAMING/STEEL
- FIRE RATING TYPE / PARTITION MODIFIER / STRUCTURAL CORE WIDTH / PARTITION TYPE / PARTITION TYPE TAG (RE: PARTITION SCHEDULE)
- BLDG AREA / LEVEL / DOOR SEQUENCE / (RE: DOOR SCHEDULE)
- ROOM NAME / (RE: ROOM FINISH SCHEDULE) / ROOM SEQUENCE / LEVEL / BLDG AREA
- EXIT SIGN / DIRECTION SYMBOL
- MATCHLINE / VIEW REFERENCE (RE: 01 / A-101B)
- CURTAINWALL TAG / STOREFRONT TAG (CW1)
- KEYNOTE TAG (C01)
- WINDOW & LOUVER TAG (101A)
- MATERIAL TAG (AB-1)
- REVISION TAG (2 RE)
- CASEWORK TYPE (CDS NUMBER) / SIZE (WxD) (101 30x34 LOCK)

PROJECT SYMBOLS

- CEILING TYPE / CEILING HEIGHT (ACT-1 8'-0")
- COLUMN LINE REFERENCE (1 / A)
- EXISTING/NEW COLUMN LINE REFERENCE (1 / A)
- DETAIL NUMBER / SHEET NUMBER / CALLOUT / REFERENCE (1 / A101)
- EXTERIOR REFERENCE / ELEVATION NUMBER / SHEET NUMBER (1 SIM / A101)
- INTERIOR REFERENCE / ELEVATION NUMBER / SHEET NUMBER (1 SIM / A101)
- REFERENCE / BUILDING SECTION REFERENCE / DETAIL NUMBER / SHEET NUMBER (10 SIM / A7.10)
- REFERENCE / WALL SECTION REFERENCE / DETAIL NUMBER / SHEET NUMBER (10 SIM / A7.10)
- CENTER LINE, & SYMBOL
- ABOVE LINE
- BEYOND LINE
- BREAK LINE

CONSTRUCTION TYPE SYMBOLS

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- NEW NON-RATED CONSTRUCTION

MATERIAL INDICATIONS

- CONCRETE
- BRICK
- CONC. MASONRY UNITS (CMU)
- RIGID INSULATION
- BATT INSULATION
- ACOUSTICAL TILE / FABRIC PANEL
- GYPSUM BOARD
- PLASTER ON METAL LATH
- FINISH WOOD
- CONTINUOUS WOOD
- BLOCKING / SHIM
- PLYWOOD
- EARTH
- CAST STONE / SPRAY ON INSULATION / SAND / MORTAR
- STEEL
- ALUMINUM
- STONE
- GRAVEL
- SEALANT
- ROD STOCK & SEALANT

SCOPE OF WORK

THE SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO:

- PHASED DEMOLITION OF BUILDING #5, 9, 10 & 18 TO MAKE WAY FOR A NEW BUILDING. THE BUILDING PROGRAM CURRENTLY IN THESE BUILDINGS WILL BE HOUSED IN A BRAND NEW BUILDING.
- CONSTRUCTION OF A NEW TWO STORY ADMIN / MEDIA / CLASSROOM BUILDING TO HOUSE THE PROGRAM OF THE DEMOLISHED BUILDINGS.
- FINISH AND QUALITY OF LIFE IMPROVEMENTS TO THE GYMNASIUM (BUILDING #6).
- A NEW PARKING LOT AND SIDEWALK LAYOUT ALONG WITH NEW COVERED WALKWAYS THROUGHOUT THE CAMPUS.
- NEW RETENTION AND STABILIZED EMERGENCY VEHICLE PATH ON SITE.

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE TO INCLUDE AIA DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION". CLIENT SHALL BE DESIGNATED AS "THE OWNER", PBK ARCHITECTS FLORIDA, INC. SHALL BE DESIGNATED AS "THE ARCHITECT". FACILITY SHALL BE DESIGNATED AS "THE LANDLORD". THE CONTRACT DOCUMENT SHALL ALSO INCLUDE THE AGREEMENT, PERFORMANCE AND PAYMENT BONDS, GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, THE SPECIFICATIONS, CONTRACT DRAWINGS ADDENDA, AND CONTRACT MODIFICATIONS, BUILDING RULES AND REGULATIONS & ANY OTHER DOCUMENTS REQUIRED BY THE OWNER.

B. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES, AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED FOR THE WORK AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE WORK.

C. CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITIONS AS PROVIDED IN THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES, ERRORS, INCONSISTENCIES OR AMBIGUITIES PRIOR TO PROCEEDING WITH THE WORK.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR, AND PROVIDE PROTECTION OF, ANY EXISTING FINISHES, MATERIALS, AND EQUIPMENT TO REMAIN. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FINISHES, MATERIALS, AND EQUIPMENT AS A RESULT OF THE WORK. ALL EXISTING FINISHES TO REMAIN SHALL BE CLEANED AT THE COMPLETION OF CONSTRUCTION. CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT ALL EXISTING DAMAGES, AND PROVIDE TO THE ARCHITECT, PRIOR TO PROCEEDING WITH THE WORK.

E. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER. THE ARCHITECT SHALL BE FINAL JUDGE OF QUALITY.

F. ONLY NEW MATERIALS AND EQUIPMENT OF RECENT MANUFACTURE, OF STANDARD QUALITY, AND FREE FROM DEFECTS, WILL BE PERMITTED IN THE WORK, UNLESS OTHERWISE NOTED. REJECTED MATERIALS AND EQUIPMENT SHALL BE REMOVED IMMEDIATELY FROM THE WORK AND REPLACED WITH MATERIALS AND EQUIPMENT OF THE QUALITY SPECIFIED. FAILURE TO REMOVE REJECTED MATERIALS AND EQUIPMENT SHALL NOT RELIEVE CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY OF MATERIAL AND EQUIPMENT USED NOR FROM ANY OTHER OBLIGATION IMPOSED BY THE CONTRACT.

G. DO NOT SCALE DRAWINGS. STATED & WRITTEN DIMENSIONS GOVERN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF THE WORK. ANY DIFFERENCE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR COORDINATION PRIOR TO ORDERING, MANUFACTURING, OR PROCEEDING WITH THE WORK. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FACE OF FINISH, UNLESS NOTED OTHERWISE. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB EXCEPT WHERE NOTED TO BE ABOVE FINISHED FLOOR (AFF). DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED +/-.

H. CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF EXISTING AND PROPOSED NEW MECHANICAL, ELECTRICAL, PLUMBING, DATA, AND SPRINKLER EQUIPMENT (INCLUDING BUT NOT LIMITED TO STRUCTURAL MEMBERS, PIPING, DUCT WORK, CONDUIT AND SPRINKLERS) AND THAT CLEARANCES FOR INSTALLATION AND MAINTENANCE OF EQUIPMENT ARE PROVIDED. ELEMENTS IN CONFLICT SHALL BE DOCUMENTED AND PROVIDED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

J. CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL, FOR ALL, BUT NOT LIMITED TO, THE FOLLOWING: SHOP-FABRICATED MILLWORK, CARPET LAYOUT, FLOORING, LIGHT FIXTURES, DOORS, MISC. STEEL, METAL FABRICATION, GLASS/GLAZING, SPRINKLER LAYOUTS, HARDWARE. SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF 3 SETS OF PRINTS. SHOP DRAWINGS SHALL NOT BE REPRODUCTIONS OF CONTRACT DOCUMENTS. MATERIAL SUBMITTALS (3 SAMPLES) SHALL BE PROVIDED FOR WOOD, FASTENERS, ACRYLIC, CARPET, TILE, BASE, PAINT, LAMINATE AND ANY OTHER MATERIALS INDICATED IN THE SHOP DRAWING.

K. CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH MANUFACTURER'S CUT SHEETS AND SPECIFICATIONS FOR ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO: LIGHT FIXTURES, PLUMBING EQUIPMENT, ELECTRICAL EQUIPMENT, FANS, SUPPLEMENTARY HEATING AND COOLING ELEMENTS, ALL HARDWARE AND SECURITY EQUIPMENT.

L. CONTRACTOR SHALL NOT PROCEED WITH WORK FOR WHICH ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT IS EXPECTED WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE A CLAIM FOR EXTRA COMPENSATION. CONTRACTOR SHALL NOT PROCEED WITH WORK WHICH, IF COMPLETED IN STRICT CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS, WILL RESULT IN ADDITIONAL WORK BEYOND THE SCOPE OF THE CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. ANY FIELD CONDITIONS THAT SIGNIFICANTLY VARY FROM THE CONTRACT DOCUMENTS OR WILL RESULT IN ADDITIONAL WORK, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

M. CONTRACTOR SHALL REVIEW AND COORDINATE THE SIZE AND LOCATION OF ALL SLAB OPENINGS WITH ALL RELATED DISCIPLINES. CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CORE DRILLING AND SLAB OPENINGS TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK.

N. PATCH, REPAIR, AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ALL NEW PENETRATIONS AS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION.

P. WHERE BUILDING THERMAL EXPANSION JOINTS ARE LOCATED, CONTRACTOR SHALL COMPLY WITH APPLICABLE CODE AND INDUSTRY BEST PRACTICES FOR ROUTING OF ALL PIPING, DUCTS, CONDUITS AND OTHER CONTINUOUS RUNS.

Q. CONTRACTOR SHALL CONTINUOUSLY CHECK ARCHITECTURAL AND STRUCTURAL CLEARANCES FOR ACCESSIBILITY OF EQUIPMENT AND MECHANICAL AND ELECTRICAL SYSTEMS. NO ALLOWANCES OF ANY KIND WILL BE MADE FOR THE GENERAL CONTRACTOR'S NEGLIGENCE TO FORESEE MEANS OF INSTALLING EQUIPMENT INTO POSITION.

R. FINISHED WORK SHALL BE FIRM, WELL-ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE WITHOUT WAIVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS, OR DISCOLORATION. JOINTING SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. FINISHED WORK SHALL HAVE NO EXPOSED UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS, UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISION FOR EXPANSION, CONTRACTION AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.

S. ATTACHMENTS, CONNECTIONS OR FASTENERS OF ANY NATURE ARE TO PROPERLY AND PERMANENTLY BE SECURED IN CONFORMANCE WITH INDUSTRY BEST PRACTICES. THE DRAWINGS HIGHLIGHT SPECIAL CONDITIONS ONLY AND BY NO MEANS ILLUSTRATE EVERY CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR IMPROVING CONNECTION ACCORDINGLY.

T. CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OR GOVERNING CODES, ORDINANCES, ETC. REQUIRE QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE WOULD REQUIRE.

U. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS AND SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE OR TO HAVE A LONG LEAD TIME, THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY WITH A PROPOSED ALTERNATIVE.

V. CONTRACTOR SHALL NOTIFY THE OWNER, THE LANDLORD, AND THE ARCHITECT IN WRITING OF ANY DEFICIENCIES IN BASE BUILDING WORK PRIOR TO THE COMMENCEMENT OF THE WORK. ANY UNREPORTED DEFICIENCIES WILL BECOME THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CORRECT.

W. CONTRACTOR SHALL EXERCISE INDUSTRY BEST PRACTICES FOR CARE AND CAUTION DURING THE CONSTRUCTION OF THE WORK, AND SHALL SCHEDULE WORK TO MINIMIZE DISTURBANCES TO OCCUPANTS, ADJACENT SPACES AND/OR STRUCTURES, PROPERTY, PUBLIC THOROUGHFARES, ETC. THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS DURING CONSTRUCTION PROCEDURES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS INCURRED.

X. ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS, OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS FROM THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. TRASH IS NOT PERMITTED TO BE BURNED ON SITE.

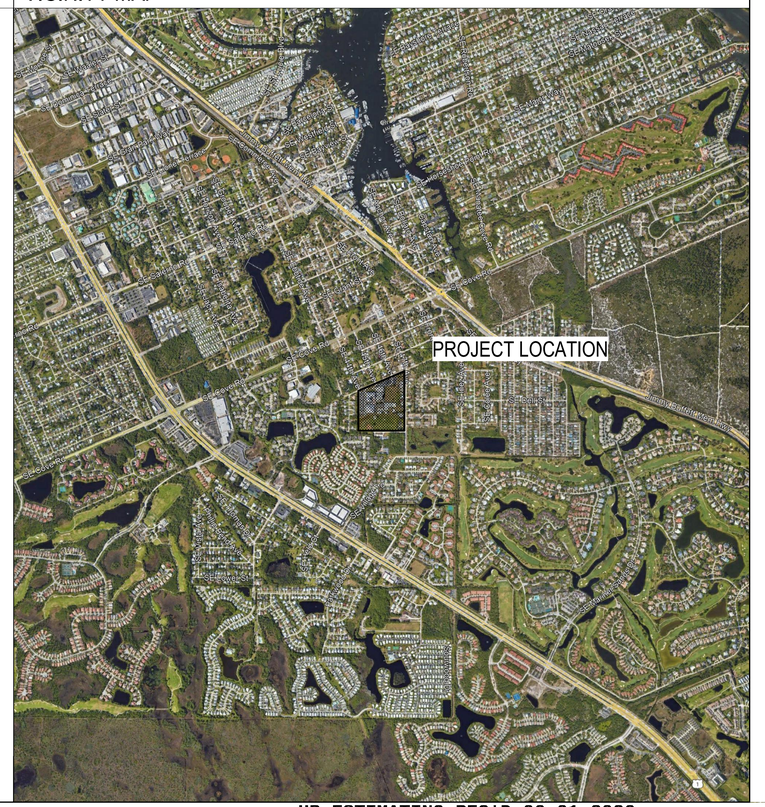
Y. ALL ABANDONED AND MISCELLANEOUS NAILS, HANGERS, STAPLES, WIRES, CONDUITS AND DEBRIS SHALL BE REMOVED FROM EXPOSED AREAS OF THE FLOORS, WALLS, AND CEILINGS. REMOVE ALL ABANDONED PIPE SLEEVES IN FLOOR SLABS. PATCH EXISTING SLAB AS REQUIRED TO MAINTAIN UL FIRE RATING OF FLOOR SLAB WHERE PIPES AND CONDUITS HAVE BEEN REMOVED.

Z. SLAB PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN FIRE RATING, USING MATERIALS AND METHODS APPROVED BY THE AUTHORITY HAVING JURISDICTION. EXPANSION MATERIAL SHALL BE APPROVED BY THE ARCHITECT.

ZA. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY ACCESS PANELS WHICH MAY BE REQUIRED PRIOR TO PROCEEDING WITH THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRADES. REQUIRED ACCESS PANELS SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.

ZB. CONTRACTOR SHALL PROVIDE THE TEAM WITH A CONSTRUCTION SCHEDULE SHOWING THE PROPOSED PHASING. LONG LEAD ITEMS THAT WILL AFFECT THE SUBSTANTIAL COMPLETION DATE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

VICINITY MAP



PBK

www.pbk.com
FL FIRM: AR 0013140
WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION
4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

GENERAL PROJECT INFORMATION

G-002

Plot Stamp:
5/29/2026 11:05:57 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

ENHANCED CLASSROOM ACOUSTICS - FLORIDA BUILDING CODE CHAPTER 12 SECTION 1211

REQUIRED IN GROUP E OCCUPANCIES IN ALL CLASSROOMS WITH A VOLUME OF 20,000 CUBIC FEET OR LESS.
ENHANCED CLASSROOM ACOUSTICS SHALL COMPLY WITH SECTION 808 OF ICC A117.1-2017

808.2 REVERBERATION TIME
808.2.2 PRESCRIPTIVE METHOD EQUATIONS

CLASSROOM WITH A VOLUME LESS THAN OR EQUAL TO 10,000 CUBIC FEET:
(NRCFloor x SFloor) + (NRCCeiling x SCeiling) + (NRCWall x SWall) ≥ Volume/12

CLASSROOM WITH A VOLUME BETWEEN 10,000 CUBIC FEET AND 20,000 CUBIC FEET:
(NRCFloor x SFloor) + (NRCCeiling x SCeiling) + (NRCWall x SWall) ≥ Volume/14

808.3 AMBIENT SOUND LEVEL

808.3.1 SOUND SOURCES OUTSIDE OF THE CLASSROOM SHALL NOT EXCEED 35dBA AND 55 dBC FROM SOUND SOURCES OUTSIDE OF THE CLASSROOM WHETHER FROM THE EXTERIOR OR FROM OTHER INTERIOR SPACES.

808.3.2 SOUND SOURCES INSIDE THE CLASSROOM SHALL NOT EXCEED 35dBA AND 55 dBC FOR NOISE FROM SOUND SOURCES INSIDE THE CLASSROOM.

APPROVED PRODUCTS: ALSO NOTED AS 'LISTED' PRODUCTS/ SYSTEMS

CATEGORY	SUBCATEGORY	MANUFACTURER / PRODUCT NUMBER	DOCUMENTATION TYPE (SEE KEY BELOW) "A" LAB NAME TEST NO.	"B" FLORIDA APPROVAL	"B" MIAMI-DADE NOA	"C" P.E./R.A. NAME	EXPIRATION DATE
WINDOWS	FIXED	MANUF: YKK AP AMERICAN SERIES#: YHS - 50 TU		FL-14218.11			12-31-2026
	OPERABLE	MANUF: YKK AP AMERICAN SERIES#: YOW - 225 TUH		FL-16313.6			12-31-2026
EXTERIOR DOORS	ALUMINUM/GLASS SWINGING	MANUF: YKK AP AMERICAN SERIES#: 50 H		FL-16554.4			12-31-2026
	HOLLOW METAL SWINGING	MANUF: STEELCRAFT SERIES#: H SERIES			23-0821.17		05-08-2028
	ROOF ACCESS HATCH	MANUF: BILCO COMPANY SERIES#: S-50		FL-15110-R7			12-02-2029
ROOFING	3-PLY MODIFIED BITUMEN ROOFING	MANUF: JOHNS MANVILLE SERIES#: MOD. BIT		FL-2948-R21			09-30-2028
PANEL WALLS	STOREFRONT	MANUF: YKK AP AMERICAN SERIES#: YHS - 50TU		FL-14218.11			12-31-2026
	LOUVERS	MANUF: GREENHECK SERIES#: EHV-550D		FL-30297-R3			12-31-2027
STRUCTURAL COMPONENTS							
NEW & INNOVATIVE BUILDING ENVELOPE PRODUCTS (OTHER)							

NOTES:
1. FLORIDA PRODUCT APPROVAL NUMBERS FOR EXTERIOR CLADDING/ COMPONENTS: RULE 61G20-3 F.A.C. PRODUCT APPROVAL.
2. INCLUSION OF A PRODUCT IN THIS SCHEDULE DOES NOT IMPLY OR PRESUME THAT THE PRODUCT LISTED WILL BE INSTALLED IN THIS PROJECT. ALTERNATE PRODUCTS COMPLYING WITH CODE AND SPECIFICATION REQUIREMENTS MAY BE UTILIZED UPON EVALUATION, ACCEPTANCE, AND APPROVAL IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT INFORMATION AND DOCUMENTATION THAT MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION FOR THE ALTERNATE PRODUCTS EVALUATION AND APPROVAL.
3. SEE STRUCTURAL DRAWINGS FOR APPLICABLE WIND SPEED CLASSIFICATION AND RISK CATEGORY OF PROJECT. DOCUMENTATION DEMONSTRATING A PRODUCT'S COMPLIANCE WITH THE CODE, AS EVALUATED THROUGH CODE ADOPTED METHODS, HAS BEEN PROVIDED IN THE ABOVE SCHEDULE UNDER THE FOLLOWING KEY LISTING.

KEY DOCUMENTATION
"A" A TEST REPORT FROM AN APPROVED LABORATORY
"B" A LISTING OR LABEL FORM AN APPROVED CERTIFICATION AGENCY
"C" AN EVALUATION REPORT FROM AN APPROVED EVALUATION ENTITY OR FLORIDA LICENSED PROFESSIONAL ENGINEER (P.E.) OR REGISTERED ARCHITECT(R.A.).

DEFERRED SUBMITTALS FBC-B SECTION 107.3.4.1

SPECIFICATION SECTION	DEFERRED SUBMITTAL ITEM
05 50 00	METAL FABRICATIONS
05 51 13	METAL PAN STAIRS
05 52 13	PIPE & TUBE RAILINGS
08 41 13	ALUMINUM FRAME ENTRANCE AND STOREFRONTS
08 51 13	ALUMINUM WINDOWS
10 73 26	ALUMINUM WALKWAY COVERINGS
21 00 02	FIRE SPRINKLER SHOP DRAWINGS
23 31 13	METAL DUCTS
28 31 00	FIRE ALARM SHOP DRAWINGS

NOTES:
1. DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

MEANS OF EGRESS

MEANS OF EGRESS COMPONENT	FLORIDA BUILDING CODE- BUILDING, CHAPTER 10	FLORIDA FIRE PREVENTION CODE NFPA 101, CHAPTER 7 AND SPECIFIC OCCUPANCY CHAPTERS	PROVIDED
STAIRWAYS: 0.3 INCHES PER OCCUPANT	SECTION 1005.3.1	TABLE 7.3.3.1	
SECOND FLOOR	373 OCCUPANTS X 0.3 INCHES per OCCUPANT = 111.9 INCHES		146 INCHES
OTHER EGRESS COMPONENTS: 0.2 INCHES PER OCCUPANT	SECTION 1005.3.2	TABLE 7.3.3.1	
FIRST FLOOR	426 OCCUPANTS X 0.2 INCHES per OCCUPANT = 85.2 INCHES		495 INCHES
SECOND FLOOR	373 OCCUPANTS X 0.2 INCHES per OCCUPANT = 74.6 INCHES		147 INCHES
COMMON PATH OF EGRESS TRAVEL	TABLE 1006.2.1: 75 FEET	TABLE A.7.6: 100 FEET	SEE LIFE SAFETY PLANS
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2: 250 FEET	TABLE A.7.6: 200 FEET	SEE LIFE SAFETY PLANS
MINIMUM CORRIDOR WIDTH	SECTION 1020.3: 44 INCHES AND AS SIZED PER SECTION 1005	SECTION 7.3.4: 44 INCHES AND AS SIZED PER TABLE 7.3.3.1	SEE LIFE SAFETY PLANS
MAXIMUM DEAD END CORRIDOR	SECTION 1020.5: 20 FEET	TABLE A.7.6: 20 FEET	SEE
MINIMUM NUMBER OF EXITS:	TABLE 1006.3.2: <500 OCCUPANTS: (2) EXITS >500 <1000 OCCUPANTS: (3) EXITS >1000 OCCUPANTS: (4) EXITS	SECTION 7.4: <500 OCCUPANTS: (2) EXITS >500 <1000 OCCUPANTS: (3) EXITS >1000 OCCUPANTS: (4) EXITS	SEE LIFE SAFETY PLANS
FIRST FLOOR	426 OCCUPANTS: 2 EXITS		5 EXITS
SECOND FLOOR	373 OCCUPANTS: 2 EXITS		2 EXITS
PANIC AND FIRE EXIT HARDWARE	SECTION 1010.2.9	SECTION 7.2.1.7	Y

REMARKS:
1. CORRIDORS SERVING LESS THAN 100 OCCUPANTS: 44 INCH MIN. WIDTH.
2. CORRIDORS SERVING MORE THAN 100 OCCUPANTS IN EDUCATIONAL OCCUPANCIES: 72 INCHES MINIMUM WIDTH.

STRUCTURAL REQUIREMENTS

SOIL CONDITIONS / ANALYSIS	REFER TO GEOTECHNICAL REPORT - DIVISION 1 SPECIFICATIONS
TERMITE PROTECTION	REFER TO DIVISION 31 SPECIFICATIONS
DESIGN LOADS	REFER TO STRUCTURAL DRAWINGS
WIND REQUIREMENTS	REFER TO STRUCTURAL DRAWINGS
BUILDING ENVELOPE	REFER TO ARCHITECTURAL DRAWINGS
IMPACT RESISTANT COVERINGS OR SYSTEMS	REFER TO ARCHITECTURAL DRAWINGS, APPROVED PRODUCTS CHART, AND SPECIFICATIONS
STRUCTURAL CALCULATIONS	REFER TO STRUCTURAL DRAWINGS
FOUNDATION	REFER TO STRUCTURAL DRAWINGS
WALL SYSTEMS	REFER TO STRUCTURAL DRAWINGS
FLOOR SYSTEMS	REFER TO STRUCTURAL DRAWINGS
ROOF SYSTEMS	REFER TO STRUCTURAL DRAWINGS
STAIR SYSTEMS	REFER TO ARCHITECTURAL DRAWINGS

OCCUPANCY LOAD / EGRESS REQUIREMENTS

OCCUPANT LOAD : GROSS / NET	REFER TO LIFE SAFETY PLANS
MEANS OF EGRESS	REFER TO LIFE SAFETY PLANS
EXIT ACCESS / EXIT / EXIT DISCHARGE	REFER TO LIFE SAFETY PLANS
STAIRS CONSTRUCTION / GEOMETRY AND PROTECTION	REFER TO LIFE SAFETY PLANS AND ARCHITECTURAL DRAWINGS
DOORS	REFER TO LIFE SAFETY PLANS AND ARCHITECTURAL DRAWINGS
EMERGENCY LIGHTING AND EXIT SIGNS	REFER TO LIFE SAFETY PLANS, ELECTRICAL DRAWINGS AND SPECS
SPECIFIC OCCUPANCY REQUIREMENTS	REFER TO CODE ANALYSIS
CONSTRUCTION REQUIREMENTS	REFER TO CODE ANALYSIS

FIRE AND SMOKE PROTECTION FEATURES

FLORIDA BUILDING CODE - BUILDING		FLORIDA FIRE PREVENTION NFPA 101	PROVIDED HR=HOUR
CHAPTER 7		CHAPTERS 7 AND 8	
706: FIRE WALLS	TABLE 706.4	SECTION 8.3 NFPA 221	N/A
707: FIRE BARRIERS:		SECTION 8.3	
707.3.1 SHAFT ENCLOSURES	SECTION 713.4	SECTION 8.6	SHAFTS: 1 HR STAIRS: 1 HR
707.3.2 INTERIOR EXIT STAIRWAYS	SECTION 1023.1	SECTION 7.1.3.2	1 HR
707.3.6 ATRIUMS	SECTION 404.6	SECTION 8.6.7	N/A
707.3.7 INCIDENTAL USES	TABLE 509.1	SECTION 6.1.14.1.3.1	1 HR
707.3.9 SEPARATED OCCUPANCIES	TABLE 508.4	TABLE 6.1.14.4.1	N/A
708: FIRE PARTITIONS	TABLE 1020.2: CORRIDOR WALLS	SECTION 7.1.3.1 SECTION 8.3	0 HR
709: SMOKE BARRIERS	SECTION 709.3: 1-HOUR FIRE RATED	SECTION 8.5	N/A
710: SMOKE PARTITIONS	SECTION 710.3: NOT FIRE RATED	SECTION 8.4	PROVIDED
711: HORIZONTAL ASSEMBLIES	TABLE 508.4 TABLE 707.3.10	SECTION 8.2.3 SECTION 8.3	2 HR
712: VERTICAL OPENINGS	SECTION 712.1.9: TWO-STORY	SECTION 8.6.6: COMMUNICATING SECTION 8.6.9 CONVENIENCE	PROVIDED
404: ATRIUMS	SECTION 404: ATRIUMS	SECTION 8.6.7: ATRIUMS	N/A
713: SHAFT ENCLOSURES	SECTION 713.4: 2 HOURS WHERE CONNECTING FOUR STORIES OR MORE. 1 HOUR WHERE CONNECTING LESS THAN FOUR STORIES.	SECTION 7.1.3.2 7.1.3.2.1(1): 1-HOUR WHERE EXIT CONNECTS THREE OR FEWER STORIES. 7.1.3.2.1(3): 2-HOUR WHERE EXIT CONNECTS FOUR OR MORE STORIES.	SHAFTS STAIRS ELEVATORS 1 HR
714: PENETRATIONS	NOT LESS THAN FIRE RESISTANCE RATING ASSEMBLY PENETRATED	SECTION 8.3.4	SEE DETAILS/ SPECS
715: FIRE-RESISTANT JOINT SYSTEMS	NOT LESS THAN FIRE RESISTANCE RATING OF ASSEMBLY THAT JOINT IS LOCATED IN OR BETWEEN	SECTION 8.3.5	SEE DETAILS/ SPECS
716: OPENING PROTECTIVES	TABLE 716.5 TABLE 716.6	TABLE 8.3.3.2.2	SEE DOOR SCHEDULE/ SPECS
717: DUCT AND TRANSFER OPENINGS		SECTION 8.5.5	SEE MECH. DRAWINGS/ SPECS
718: CONCEALED SPACES	SECTION 718.1: FIREBLOCKING AND DRAFTSTOPPING IN COMBUSTIBLE CONCEALED LOCATIONS	SECTION 8.6.11: DRAFTSTOPPING IN CONCEALED COMBUSTIBLE SPACES	N/A

INTERIOR FINISHES

	FLORIDA BUILDING CODE BUILDING CHAPTER 8	FLORIDA FIRE PREVENTION CODE NFPA 101 CHAPTER 10 AND SPECIFIC OCCUPANCY CHAPTERS 11-43	PROVIDED
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY ASTM E84 or UL 723 FLAME SPREAD INDEX SMOKE DEVELOPMENT INDEX	SECTION 803 AND TABLE 803.11 GROUP E: SPRINKLERED EXIT STAIRS, RAMPS, PASSAGEWAYS: CLASS B CORRIDORS, EXIT ACCESS STAIRS, AND RAMPS: CLASS C ROOMS AND ENCLOSED SPACES: CLASS C	SECTION 10.2.3 AND TABLE A.10.2.2 OCCUPANCY: E ; SPRINKLERED EXITS: CLASS A EXIT ACCESS CORRIDORS: CLASS A OR B OTHER SPACES: CLASS A OR B; C ON LOW PARTITIONS	CLASS A CLASS B
INTERIOR FLOOR FINISH REQUIREMENTS BY OCCUPANCY ASTM E648 or NFPA 253 CRITICAL RADIANT FLUX DOC FF-1 PILL TEST (CPSC 16 CFR PART 1630) or ASTM D2859	SECTION 804 GROUP E ; SPRINKLERED STAIRWAYS, RAMPS, EXIT PASSAGEWAYS, CORRIDORS: CLASS II	SECTION 10.2.7 AND TABLE A.10.2.2 OCCUPANCY: E ; SPRINKLERED EXITS: CLASS I OR II EXIT ACCESS CORRIDORS: CLASS I OR II OTHER SPACES: CLASS N/A	CLASS I CLASS II

FIRE SUPPRESSION SYSTEMS

EARLY WARNING SMOKE EVACUATION SYSTEMS	REFER TO MECHANICAL / ELECTRICAL DRAWINGS OR N/A
SCHEMATIC FIRE SPRINKLERS	REFER TO FIRE PROTECTION DRAWINGS
STANDPIPES	REFER TO FIRE PROTECTION DRAWINGS
PRE-ENGINEERED SYSTEMS	REFER TO FIRE PROTECTION DRAWINGS
RISER DIAGRAM	REFER TO FIRE PROTECTION DRAWINGS

ACCESSIBILITY REQUIREMENTS

SITE REQUIREMENTS	REFER TO CIVIL ENGINEERING DRAWINGS
ACCESSIBLE ROUTE	REFER TO CIVIL ENGINEERING DRAWINGS AND LIFE SAFETY DWGS
VERTICAL ACCESSIBILITY	REFER TO ARCHITECTURAL DRAWINGS
TOILET AND BATHING FACILITIES / DRINKING FOUNTAINS	REFER TO ARCHITECTURAL AND PLUMBING DRAWINGS
EQUIPMENT	REFER TO ARCHITECTURAL DRAWINGS
SPECIAL OCCUPANCY REQUIREMENTS	REFER TO CODE ANALYSIS AND ARCHITECTURAL DRAWINGS
UTILITY LOCATIONS	REFER TO CIVIL ENGINEERING DRAWINGS

APPLICABLE CODES

CODE EDITIONS REFERENCED BELOW INCLUDE SUPPLEMENTS AND APPLICABLE AMENDMENTS

BUILDING CODE:	FLORIDA BUILDING CODE (FBC) 8TH EDITION (2023)
ACCESSIBILITY CODE:	FBC-ACCESSIBILITY 8TH EDITION (2023); FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION
EXISTING BUILDING:	FBC-EXISTING BUILDING 8TH EDITION (2023)
MECHANICAL CODE:	FBC-MECHANICAL 8TH EDITION (2023)
ELECTRICAL CODE:	FBC-BUILDING, CHAPTER 27; NFPA 70-2020 NATIONAL ELECTRIC CODE (N.E.C)
PLUMBING CODE:	FBC PLUMBING 8TH EDITION (2023)
FIRE AND LIFE SAFETY CODES:	FLORIDA FIRE PREVENTION CODE (FFPC) 8TH EDITION based on NFPA 1, FIRE CODE 2021 EDITION and NFPA 101, LIFE SAFETY CODE 2021 EDITION
FL EDUCATIONAL FACILITIES:	FLORIDA DEPARTMENT OF EDUCATION STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (SREF) UNIFORM FIRE SAFETY STANDARDS FOR EDUCATIONAL FACILITIES (CHAPTER 69A-58 F.A.C.)

SITE REQUIREMENTS

PARKING	REFER TO CIVIL ENGINEERING DRAWINGS AND ARCHITECTURAL SITE PLANS
FIRE ACCESS	REFER TO CIVIL ENGINEERING DRAWINGS
VEHICLE LOADING	REFER TO CIVIL ENGINEERING DRAWINGS AND ARCHITECTURAL SITE PLANS
DRIVING/TURNING RADIUS	REFER TO CIVIL ENGINEERING DRAWINGS
FIRE HYDRANT/WATER SUPPLY/ POST INDICATOR VALVE (PIV)	REFER TO CIVIL ENGINEERING DRAWINGS AND FIRE PROTECTION DRAWINGS
SET BACK / SEPARATION	REFER TO CIVIL ENGINEERING DRAWINGS
UTILITY LOCATIONS	REFER TO CIVIL ENGINEERING DRAWINGS
FLOOD HAZARD AREAS, FLOOD ZONES, DESIGN FLOOD ELEVATIONS	REFER TO CIVIL ENGINEERING DRAWINGS

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

FLORIDA BUILDING CODE - BUILDING		FLORIDA FIRE PREVENTION CODE NFPA 101
CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION	CHAPTER 3, SECTION 302 CHAPTER 4, SECTION 453, 468 CHAPTER 5, SECTION 508 CHAPTER 6, SECTION 601	CHAPTER 6, SECTION 6.1.1
CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE	OCCUPANCY AND USE DESIGNATION EDUCATIONAL	OCCUPANCY CLASSIFICATION EDUCATIONAL
CHAPTER 5 OCCUPANCY GROUP AND SPECIAL OCCUPANCY REQUIREMENTS	508.2 ACCESSORY OCCUPANCIES AGGREGATE SHALL NOT OCCUPY MORE THAN 10% OF STORY LOCATED	6.1.14.1.3 AND 6.1.14.1.4
	509 INCIDENTAL USES	6.1.14.1.3.1 INCIDENTAL USES
CONSTRUCTION CLASSIFICATION	SECTION 601 TYPE II B	SECTION 8.2.1.2 TYPE II B

BUILDING HEIGHTS AND AREAS

	FLORIDA BUILDING CODE - BUILDING CHAPTER 5	PROVIDED
AUTOMATIC SPRINKLER SYSTEM		YES
TYPE OF CONSTRUCTION	TYPE II B	
TABLE 504.3 ALLOWABLE HEIGHT IN FEET ABOVE GRADE PLANE	S: 75 FEET	35.25 FEET
TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE	S: 3 STORIES	2 STORIES
TABLE 506.2 ALLOWABLE AREA FACTOR At = NS, S1, S13R, OR SM AS APPLICABLE	SM: 43,500 SQUARE FEET	
SECTION 506.2 ALLOWABLE AREA DETERMINATION	EQUATION 5-2 $A_a = [A_t + (NS \times I_f)] \times S_a$ = 47,125 SQ FT ALLOWABLE	39,586 SQ FT
TABLE 506.3.3 FRONTAGE INCREASE FACTOR	FRONTAGE INCREASE FACTOR I_f = 0.25	

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

BUILDING ELEMENT	FLORIDA BUILDING CODE BUILDING TABLE 601: CONSTRUCTION CLASSIFICATION TYPE II B	FLORIDA FIRE PREVENTION CODE NFPA 101 SECTION 8.2.1.2	PROVIDED
PRIMARY STRUCTURAL FRAME	0 - HOUR	0 - HOUR	0 - HOUR
BEARING WALLS EXTERIOR (NOT LESS THAN RATING BASED ON FIRE SEPARATION DISTANCE: TABLE 705.5 INTERIOR	0 - HOUR 0 - HOUR	0 - HOUR 0 - HOUR	0 - HOUR 0 - HOUR
NON-BEARING WALLS AND PARTITIONS EXTERIOR	BASED ON FIRE SEPARATION DISTANCE: TABLE 705.5		
NON-BEARING WALLS AND PARTITIONS INTERIOR	0 - HOUR	0 - HOUR	0 - HOUR
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 - HOUR	0 - HOUR	0 - HOUR
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0 - HOUR	0 - HOUR	0 - HOUR

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

FIRE SEPARATION DISTANCE (FEET)	FLORIDA BUILDING CODE - BUILDING TABLE 705.5 TYPE OF CONSTRUCTION	REQUIRED FIRE-RESISTANCE RATING	FIRE RESISTANCE RATING PROVIDED
NORTH WALL: 230 FEET	II B, EDUCATIONAL	0 - HOUR	0 - HOUR
EAST WALL: 81 FEET	II B, EDUCATIONAL	0 - HOUR	0 - HOUR
SOUTH WALL: 572 FEET	II B, EDUCATIONAL	0 - HOUR	0 - HOUR
WEST WALL: 15 FEET	II B, EDUCATIONAL	0 - HOUR	0 - HOUR

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION

FIRE SEPARATION DISTANCE (FEET)	FLORIDA BUILDING CODE - BUILDING TABLE 705.8 DEGREE OF OPENING PROTECTION	ALLOWABLE AREA (%)	WALL OPENING AREA PROVIDED
NORTH WALL: 230 FEET	UNPROTECTED, SPRINKLERED (UP, S)	PER FBC - B 705.8, EXCEPTION #2, BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENING.	N/A
EAST WALL: 81 FEET			
SOUTH WALL: 572 FEET			
WEST WALL: 15 FEET			

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT
DATE 2026/05/25
PROJECT NUMBER 25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

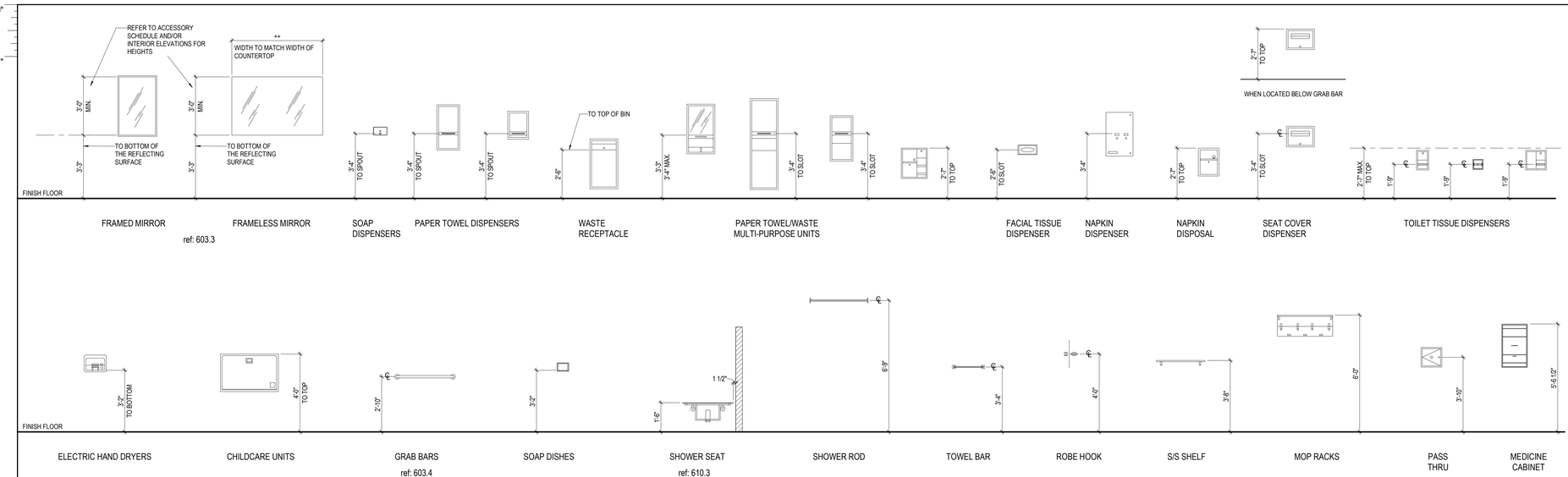
CODE ANALYSIS

G-011

Plot Stamp:
5/29/2026 11:06:18 AM

HB ESTIMATING REC'D 06.01.2026

ACCESSIBILITY STANDARDS
G-021



FRAMED MIRROR | FRAMELESS MIRROR | SOAP DISPENSERS | PAPER TOWEL DISPENSERS | WASTE RECEPTACLE | PAPER TOWEL/WASTE MULTI-PURPOSE UNITS | FACIAL TISSUE DISPENSER | NAPKIN DISPENSER | NAPKIN DISPOSAL | SEAT COVER DISPENSER | TOILET TISSUE DISPENSERS

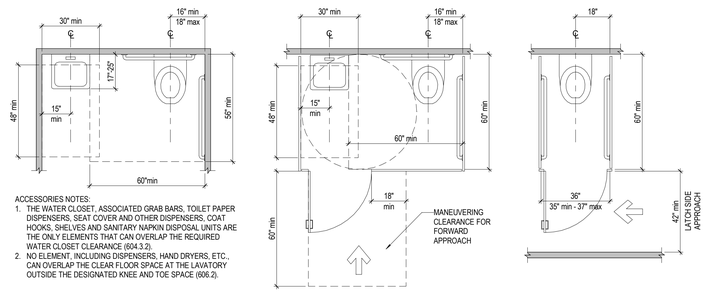
ref: 603.3

ELECTRIC HAND DRYERS | CHILDCARE UNITS | GRAB BARS | SOAP DISHES | SHOWER SEAT | SHOWER ROD | TOWEL BAR | ROBE HOOK | S/S SHELF | MOP RACKS | PASS THRU | MEDICINE CABINET

ref: 603.4 | ref: 610.3

TOILET AND SHOWER ACCESSORY MOUNTING HEIGHTS

ref: 308.2.1 through 308.3.2 and 309

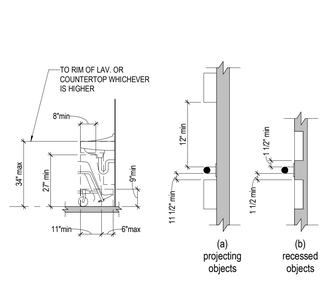


ACCESSORIES NOTES:
1. THE WATER CLOSET, ASSOCIATED GRAB BARS, TOILET PAPER DISPENSERS, SEAT COVER AND OTHER DISPENSERS, COAT HOOKS, SHELVES AND SANITARY NAPKIN DISPOSAL UNITS ARE THE ONLY ELEMENTS THAT CAN OVERLAP THE REQUIRED WATER CLOSET CLEARANCE (604.3.2).
2. NO ELEMENT, INCLUDING DISPENSERS, HAND DRYERS, ETC., CAN OVERLAP THE CLEAR FLOOR SPACE AT THE LAVATORY OUTSIDE THE DESIGNATED KNEE AND TOE SPACE (606.2).

Clearances at Water Closet and Lavatory
ref: 306.2, 306.3, 604.3.1 and 604.3.2

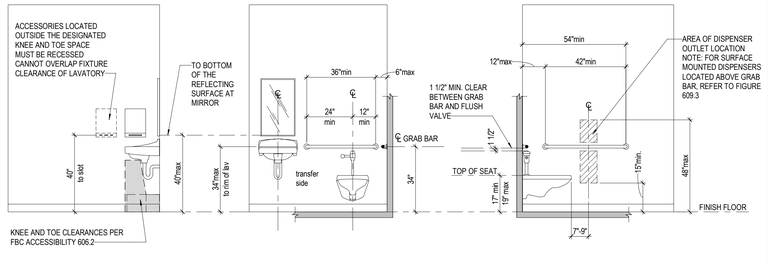
Wheelchair Accessible Toilet Compartment
ref: 604.8.1.6

Ambulatory Accessible Toilet Compartment
ref: 604.8.2



Knee and Toe Clearance at Lavatory
ref: 306.2 and 306.3

Spacing and Clearances at Grab Bars
ref: 609.3

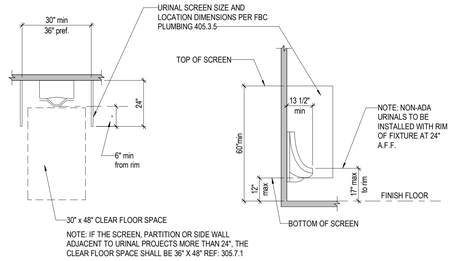


Clearances and Accessory Locations at Lavatory
ref: 306.2, 306.3, 308.2.1 - 308.3.2, 309, 606.2 and 609.4

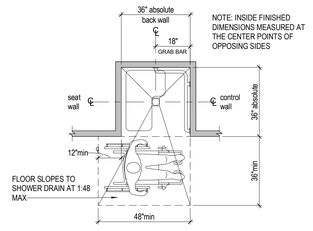
Grab Bar and Dispenser Outlet Location at Water Closets
ref: 308.2.1 - 308.3.2, 309, 604.4, 604.5.1, 604.5.2, and 604.7

TOILET ROOM & ACCESSORY NOTES

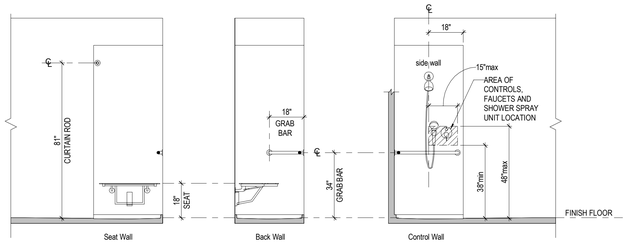
1. ACCESSIBLE CLEARANCES AND MOUNTING HEIGHTS INDICATED IN ACCORDANCE WITH FBC ACCESSIBILITY 8TH EDITION (2023), 2012 FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, ADOPTED PURSUANT TO SECTION 553.503 FLORIDA STATUTES, BASED ON THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. ALL DIMENSIONS INDICATED ARE FROM FACE OF FINISHES.
3. WATER CLOSETS, URINALS, LAVATORIES, AND SINKS SHALL BE INSTALLED A MINIMUM OF 15" FROM THE CENTERLINE OF THE FIXTURE TO ANY SIDE WALL, PARTITION, VANITY OR OTHER OBSTRUCTION (FBC PLUMBING 405.3.1).
4. ACCESSIBLE WATER CLOSETS SHALL BE INSTALLED A MINIMUM OF 16" AND A MAXIMUM OF 18" FROM THE CENTERLINE OF THE FIXTURE TO ANY SIDE WALL, PARTITION, VANITY OR OTHER OBSTRUCTION.
5. TOILET FLUSH VALVE CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET AND ROUGH-IN SHALL BE COORDINATED WITH THE REAR GRAB BAR HEIGHT TO PROVIDE A MINIMUM CLEAR DIMENSION OF 1-1/2" BELOW THE GRAB BAR.
6. PROVIDE OFFSET OR ADJUSTABLE TRAPS FOR ACCESSIBLE LAVATORIES AND SINKS INSTALLED IN COUNTERTOPS WITH BASE CABINETS TO ALLOW FOR KNEE AND TOE CLEARANCES FOR A FORWARD APPROACH.
7. EQUIPMENT INSTALLED BELOW ACCESSIBLE LAVATORIES, SUCH AS FAUCET SENSOR CONTROL MODULES AND INSTANT HOT WATER HEATERS SHALL NOT PROJECT INTO THE REQUIRED KNEE AND TOE CLEARANCES REQUIRED FOR A FORWARD APPROACH.
8. COORDINATE INSTALLATION OF SINKS, PLUMBING AND ELECTRICAL ITEMS IN AND ADJACENT TO CASEWORK.
9. TOILET ACCESSORIES SHALL NOT PROTRUDE INTO THE CLEAR FLOOR SPACE AT A LAVATORY OR SINK OUTSIDE THE DESIGNATED KNEE AND TOE SPACE. ACCESSORIES SHALL NOT PROTRUDE MORE THAN 4" THE CLEAR FLOOR SPACE AT A LAVATORY OR SINK, INTO A PATH OF TRAVEL OR A REQUIRED TURNING SPACE.
10. TOILET ROOM PLANS AND ELEVATIONS ON THIS SHEET INDICATE MINIMUM REQUIRED CLEARANCES AND ACCESSORY MOUNTING HEIGHTS. REFER TO FLOOR PLANS, ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS FOR TOILET ROOM CONFIGURATIONS.
    A. FBC ACCESSIBILITY 604.1 EXCEPTION: EDUCATIONAL FACILITIES MAY UTILIZE ADVISORY 604.9 "WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE". REFER TO FLOOR PLANS, ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS FOR TOILET ROOM CONFIGURATIONS AND MOUNTING HEIGHT REQUIREMENTS THAT MAY VARY FROM THOSE SHOWN ON THIS SHEET WHEN ADVISORY 604.9 SPECIFICATIONS ARE USED.
11. SPECIFICATIONS AND SIZES OF ACCESSORIES ARE BASED ON BOBRICK WASHROOM EQUIPMENT (U.N.O.). REFER TO SPECIFICATION SECTION 102800 FOR TOILET ACCESSORIES AND 102800S FOR ACCESSORY SCHEDULE.
12. OWNER PROVIDED ACCESSORIES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION FOR REQUIRED MOUNTING HEIGHTS, CLEARANCES AND REACH RANGES.
13. ALL EQUIPMENT SHOWN SHALL BE STAINLESS STEEL, SATIN FINISH (U.N.O.).
14. ALL EXPOSED PIPING UNDER LAVATORIES SHALL BE INSULATED WITH PIPE AND VALVE COVERINGS TO PROTECT AGAINST CONTACT. REFER TO SPECIFICATION SECTION 102800 FOR LAVATORY PIPE GUARD PRODUCT INFORMATION.



Height and Depth of Urinals
ref: 605.2(a)

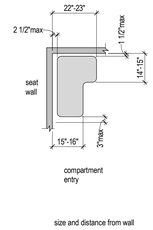


Transfer Type Shower Compartment Size and Clearances
ref: 608.2.1 and 608.3.1



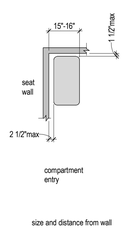
ref: 608.2.1, 608.3.1, 609.4 and 610.3

Transfer-Type Shower Compartment Control Location
ref: 608.2.1, 608.3.1, 608.5.1, and 609.4



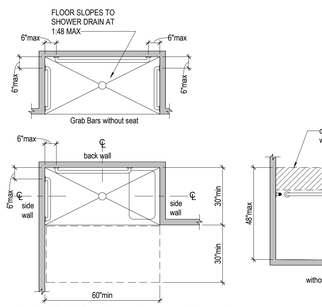
size and distance from wall

L-shaped Shower Seat
ref: 610.3(b) and 610.3.2

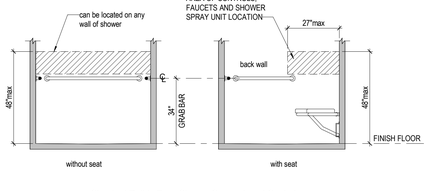


size and distance from wall

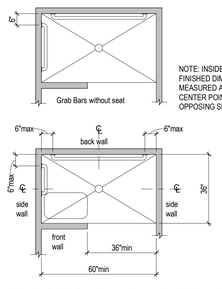
Rectangular Shower Seat
ref: 610.3(a) and 610.3.1



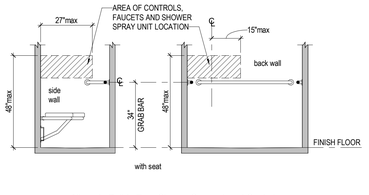
Standard Roll-In Type Shower Compartment Size and Clearance
ref: 608.2.3 and 608.5.3



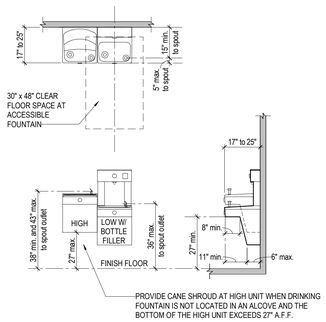
Standard Roll-In Type Shower Compartment Control Location
ref: 608.5.3



Alternate Roll-In Type Shower Compartment Size and Clearance
ref: 608.2.3 and 608.5.3



Alternate Roll-In Type Shower Compartment Control Location
ref: 608.5.3



Drinking Fountain Spout Location
ref: 307.4, 602.5, and 602.7

ACCESSIBLE TOILET ROOM, TOILET COMPARTMENT, AND SHOWER CLEARANCES AND MOUNTING HEIGHTS

ACCESSIBLE DRINKING FOUNTAIN CLEARANCES & MOUNTING HEIGHTS

HB ESTIMATING REC'D 06.01.2026

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STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE: 2026/05/25	PROJECT NUMBER: 25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

ACCESSIBILITY STANDARDS

G-021

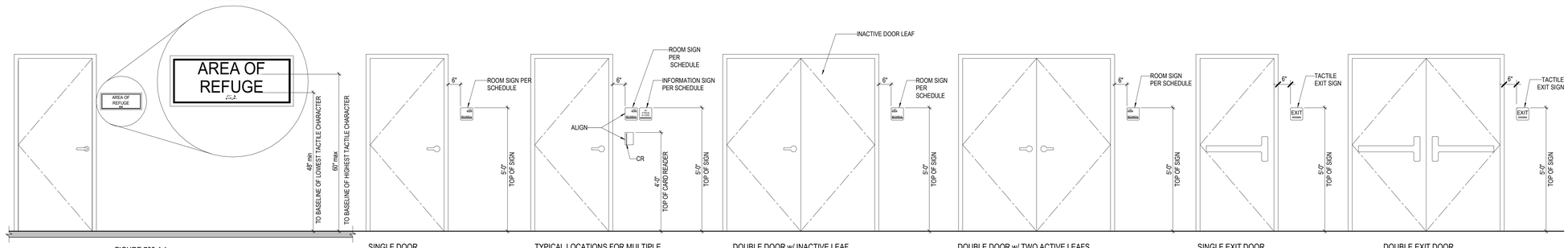


FIGURE 703.4.1
HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GROUND

SINGLE DOOR | TYPICAL LOCATIONS FOR MULTIPLE SIGNS AND CARD READERS | DOUBLE DOOR w/ INACTIVE LEAF | DOUBLE DOOR w/ TWO ACTIVE LEAFS | SINGLE EXIT DOOR | DOUBLE EXIT DOOR

LOCATION OF TACTILE SIGNS AT DOORS ref: 703.4.2

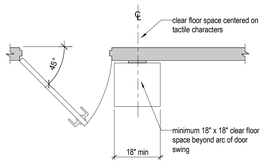


FIGURE 703.4.2
LOCATION OF TACTILE SIGNS AT DOORS

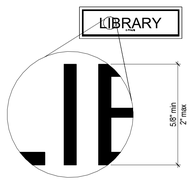


FIGURE 703.2.5
HEIGHT OF RAISED CHARACTERS

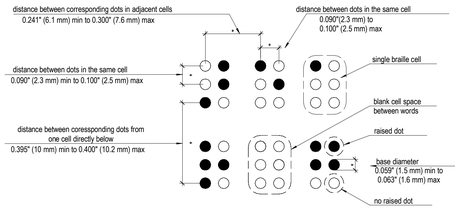


FIGURE 703.3.1
BRAILLE MEASUREMENT

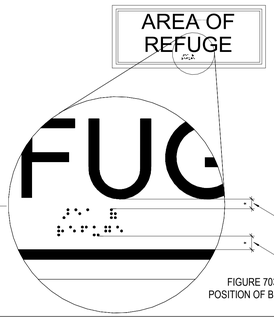


FIGURE 703.2
POSITION OF BRAILLE

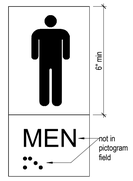
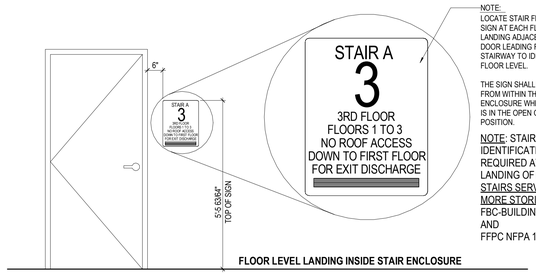


FIGURE 703.6
PICTOGRAM FIELD



NOTE:
LOCATE STAIR FLOOR LEVEL SIGN AT EACH FLOOR LEVEL LANDING ADJACENT TO THE DOOR LEADING FROM THE STAIRWAY TO IDENTIFY THE FLOOR LEVEL.

THE SIGN SHALL BE VISIBLE FROM WITHIN THE STAIR ENCLOSURE WHEN THE DOOR IS IN THE OPEN OR CLOSED POSITION.

NOTE: STAIRWAY IDENTIFICATION SIGN REQUIRED AT EACH FLOOR LANDING OF ENCLOSED STAIRS SERVING THREE OR MORE STORIES:
FBC-BUILDING 1023.9
AND
FFPC NFPA 101 7.2.2.5.4

FLOOR LEVEL LANDING INSIDE STAIR ENCLOSURE

STAIR DOOR

02 TYPICAL SIGNAGE LOCATIONS AT DOORS
1/2" = 1'-0"

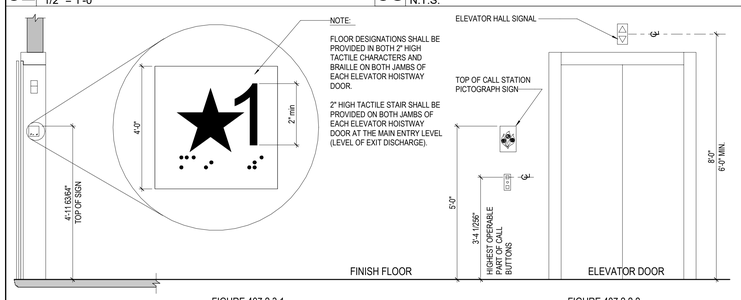


FIGURE 407.2.3.1
FLOOR DESIGNATIONS ON JAMBS OF ELEVATOR HOISTWAY ENTRANCES

05 SIGNAGE - GRAPHIC & BRAILLE DETAILS
N.T.S.

FIGURE 407.2.2.2
VISIBLE HALL SIGNALS

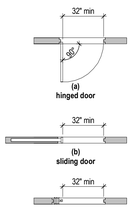


FIGURE 404.2.3
CLEAR WIDTH OF DOORWAYS

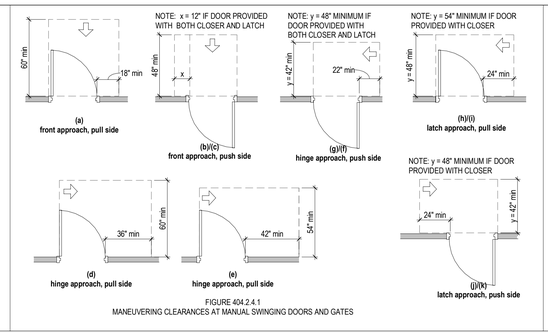


FIGURE 404.2.4.1
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

04 STAIRWAY IDENTIFICATION SIGNAGE
1/2" = 1'-0"

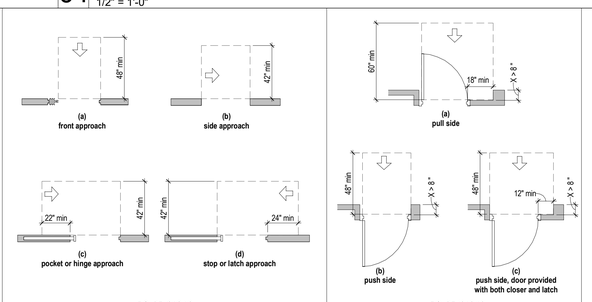


FIGURE 404.2.4.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES AND FOLDING DOORS

FIGURE 404.2.4.3
MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES

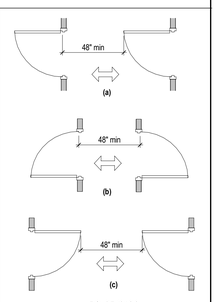
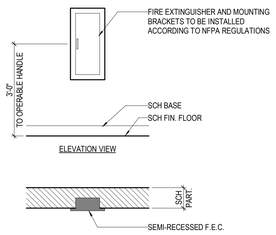


FIGURE 404.2.6
DOORS IN SERIES AND GATES IN SERIES

03 ELEVATOR ENTRANCES SIGNAGE
1/2" = 1'-0"



01 FIRE EXTINGUISHER CABINET
1/2" = 1'-0"

12 404.2.3 - 404.2.6 DOOR WIDTHS AND MANEUVERING CLEARANCES
1/4" = 1'-0"

11 308 REACH RANGES
1/2" = 1'-0"

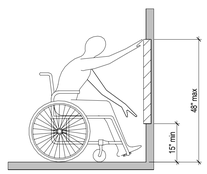


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

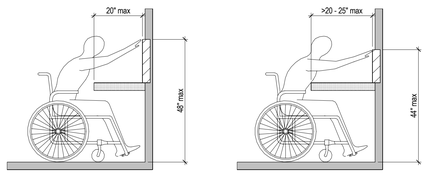


FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

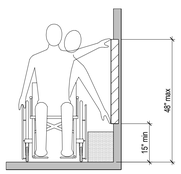


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

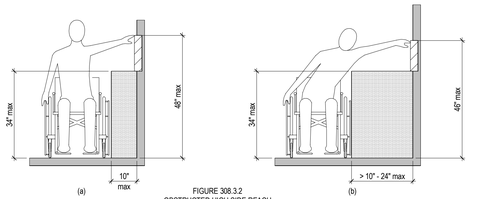


FIGURE 308.3.2
OBSTRUCTED HIGH SIDE REACH

09 307 VERTICAL CLEARANCE
1/4" = 1'-0"

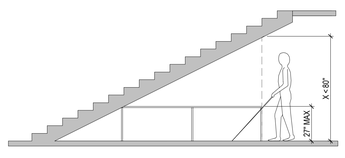


FIGURE 307.4 VERTICAL CLEARANCE

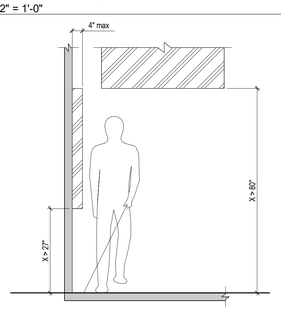


FIGURE 307.2
LIMITS OF PROTRUDING OBJECTS

10 307 PROTRUDING OBJECTS
1/2" = 1'-0"

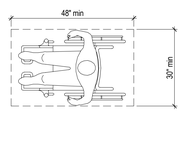


FIGURE 305.3
CLEAR FLOOR OR GROUND SPACE

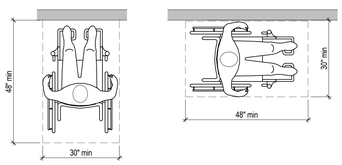


FIGURE 305.5
POSITION OF CLEAR FLOOR OR GROUND SPACE

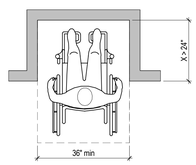


FIGURE 305.7.1
MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

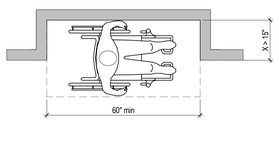


FIGURE 305.7.2
MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

08 305 CLEAR FLOOR OR GROUND SPACE
1/2" = 1'-0"

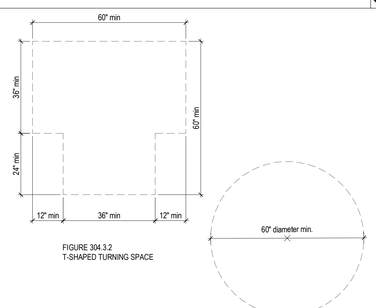


FIGURE 304.3.2
T-SHAPED TURNING SPACE

304.3.1 CIRCULAR SPACE

07 304 TURNING SPACE
1/2" = 1'-0"

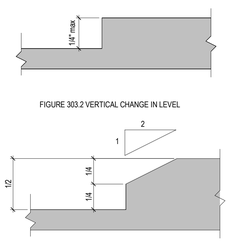


FIGURE 303.2 VERTICAL CHANGE IN LEVEL

FIGURE 303.3 BEVELED CHANGE IN LEVEL

06 303 CHANGES IN LEVEL
N.T.S.

PBK
www.pbk.com
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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
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VOLUME NO. 1

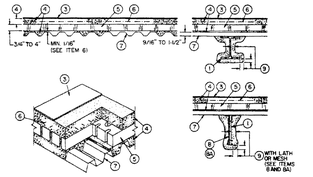
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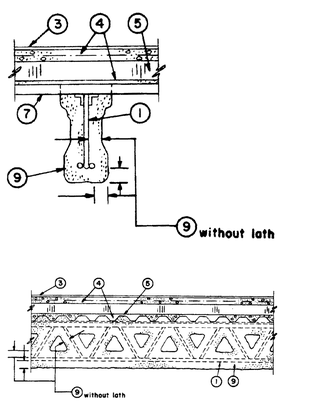
G-022

Plot Stamp:
5/29/2026 11:07:54 AM

HB ESTIMATING REC'D 06.01.2026

Design No. P921
Restrained Assembly Rating—1, 1 1/2 or 2 Hr (See Items 4, 6, 7 and 9)
Unrestrained Assembly Rating—0 Hr (See Item 7)
Unrestrained Beam Rating—1, 1 1/2 or 2 Hr (See Items 4, 6, 7 and 9)





1. **Supports**—W6X16 or W8X10 beam. As alternate to steel beams, Joist girders—(Not shown)—20 in. min depth and 13 lb/lin ft min weight.

1A. **Steel Joists**—12K5 or heavier steel joist may be used as secondary support.

2. **Bridging Angles**—(Not shown)—1-1/4 by 1-1/4 by 1/8 in. thick angles for use with steel joists. Angles welded to top and bottom chords of the joists.

3. **Roof Covering***—Consisting of hot mopped or cold application materials compatible with insulation(s) described herein which provide Class A, B or C coverings. See Roofing Materials and Systems Directory-Roof Covering Materials (TEVT).

3A. In lieu of Item 3, roof covering consisting of single-ply **Roofing Membrane*** that is either ballasted, adhered or mechanically attached as permitted under the respective manufacturer's Classification. See Fire Resistance Directory—Roofing Membranes (CHCI).

4. **Vermiculite Concrete**—6 cu ft of **Vermiculite Aggregate*** to 94 lb of Portland cement and 0.11 lb of air entraining agent mixed with approx 25 gal of water. Min compressive strength shall be 125 psi when tested in accordance with ASTM C495. Min thickness above foamed plastic is 2 in. Min thickness between top of steel deck and bottom of foamed plastic shall be 1/16 in. when wire mesh (Item 6) is used and 1/8 in. when the wire mesh is not used. When foamed plastic (Item No. 5 or 5A) is not used the topping thickness of Vermiculite Concrete over the crests of steel deck shall be a min of 2-3/16 in. for the 1 and 1-1/2 h ratings and 2-3/8 in. for the 2 h rating. The max vermiculite concrete thickness shall be determined by job site conditions.
Mandoval Ltd.
Mandoval Vermiculite Products, Inc.
Palmetto Vermiculite Co., Inc.
Siplast Inc.
Strong-Lite Products Corp.
Vermiculite Products, Inc.

4A. **As an alternate to Item 4, Cellular Concrete —Roof Topping Mixture***—Foam concentrate mixed with water and Portland cement per manufacturer's specifications. Cast dry density and 28-day compressive strength of min 190 psi as determined in accordance with ASTM C495-66. Min thickness above foamed plastic is 2 in. Min thickness between the top of steel deck and the bottom of foamed plastic shall be 1/8 in. When foamed plastic is not used, the min thickness of Roof Topping Mixture* above the top of the steel deck shall be 2-3/4 in.
Celcore Inc.—Cast dry density of 31 (+ or -) 3.0 pcf.
Cellufoam Concrete Systems—Cast dry density of 30 (+ or - 3.0) pcf.
Elastizell Corp. of America—Type II. Mix #1 of cast dry density 39 (+ or -) 3.0 pcf, Mix #2 of cast dry density 40 (+ or -) 3.0 pcf, Mix #3 of cast dry density 47 (+ or -) 3.0 pcf.
Lite-Crete, Inc.—Cast dry density of 29 (+ or -) 3.0 pcf.
Mearl Corp., The—Cast dry density 37 (+ or -) 3.0 pcf.
Siplast Inc.—Mix #2. Cast dry density of 36 (+ or -) 3.0 pcf.

4B. **As an alternate to Item 4**—Perlite Concrete—Mix consists of 6 cu ft of **Perlite Aggregate*** to 94 lb of Portland cement and 1-1/2 pints of air-entraining agent. Thickness of perlite concrete topping to be 2 in. min from the top plane of the foamed plastic. Min thickness between the top of steel deck and the bottom of the foamed plastic shall be 1/8 in.
See Perlite Aggregate (CFFX) category in Fire Resistance Directory for names of Classified companies.

4C. **As an alternate to Item 4**—Cellular Concrete—Roof Topping Mixture*—Foam Concentrate mixed with water, Portland Cement and UL Classified Vermiculite Aggregate per manufacturer's application instructions. Cast dry density of 33 (+ or -) 3.0 pcf and 28-day compressive strength of min 250 psi as determined in accordance with ASTM C495-86. A 1/8 in. min slurry coat shall be employed below the foamed plastic (Item 5). The cellular concrete topping thickness, above the foamed plastic, shall be 2 in. min. When foamed plastic is not used, the min thickness of Roof-Topping Mixture, above the top of the steel deck, shall be 2-3/4 in.
Siplast Inc.—Mix #3.
The Mearl Corp.—Mix #3.

5. **Foamed Plastic***—(Optional)—Foamed plastic insulation boards with holes and/or slots. Nom size 24 by 48 in. Thickness shall be 3/4 in. to 8 in.
Siplast Inc.
Vermiculite Products, Inc.

5A. **Foamed Plastic***—Nom 24 by 48 in., 48 by 48 in. or 30 by 60 in. by max 8 in. thick polystyrene foamed plastic insulation boards with holes symetrically placed having a max density of 2.0 pcf. For use only with cellular concrete roof topping mixture.
Starrfoam Manufacturing, Inc.

5B. **Foamed Plastic***(Optional)—Nom 24 x 48 by max 8 in. thick polystyrene foamed plastic insulation boards having a density of 2.5 pcf max. Each insulation board shall contain six nom 3 in. diam holes oriented in two rows of three holes each, with the holes spaced 12 in. OC transversely and 16 in. OC longitudinally.
See Foamed Plastic* (BRYX) category in the Building Materials Directory or **Foamed Plastic* (CCVW)** category in Fire Resistance Directory for list of Classified Companies.

6. **Wire Mesh**—No. 19 SWG galv steel wire twisted to form 2 in. hexagons. In addition, straight No. 16 SWG galv steel wire woven into mesh and spaced 3 in. apart for stiffness. Mesh installed without attachment perpendicular to supports and overlapped 6 in. at the sides. As an alternate, 4 by 8 in., No. 12/14 SWG or 2 by 2 in., No. 14/14 SWG welded wire fabric may be used. The wire mesh may be omitted for the **1 and 1-1/2 h Restrained Assembly and Beam Ratings** only. Thickness of vermiculite concrete between the top of the roof deck and the bottom of the foamed plastic insulation shall be 1/8 in. min when wire mesh is not used.

7. **Steel Roof Deck**—(Unclassified)—Noncomposite design, vented or nonvented units, 9/16 in., 15/16 in., 1-5/16 in., 1-1/2 or 2 in. deep galv units, nom 24 to 36 in. wide. When vented or nonvented 9/16 in. deep galv units are used, the **Restrained Assembly and Beam Ratings shall not exceed 1-1/2 h.** Welded to supports with 3/8 in. puddle welds through weld washers spaced 15 in. O. C. Adjacent units overlapped one corrugation. Max support spacings 8 ft 0 C. unless otherwise noted for specific Classified units and their recommended loadings. Steel thickness to be No. 24 MSG min when supports are spaced not more than 8 ft 0. C., No. 26 MSG min when supports are spaced not more than 6 ft 0. C., and No. 28 MSG, 9/16 in. deep steel deck may be used when supports are spaced 4 ft. 0. C. Roof deck units to be loaded not more than 75 percent of their max allowable bending stress. For clear spans not more than 7 ft., 8-3/8 in. the **Unrestrained Assembly Rating is equal to the Restrained Assembly Rating.** Or, **Classified Steel Floor and Form Units*** conforming to the same installation, steel thickness, loading requirements and **Restrained Assembly Rating** as described for unclassified units.
BHP Steel Building Products USA Inc.—Types CP32, (1-3/8), B, Ventform and 2W. Two or three—10 ft—0 in. continuous spans may be used for Types B or 2W units, and 12 ft—0 in. simple or continuous spans may be used for Type N units, provided that the total loading on these spans is based on the allowable steel stress and the deflection limitation criteria using the steel (noncomposite) section properties of these units.
Bowman Metal Deck/Wheeling Corrugating Co. Div of Wheeling-Pittsburgh Steel Corp.—Nonvented Types B, FM-2, Strongfoam SF-3, SF-4, SF-5; vented Types B, FM-2, SV-3, SV-4, SV-5; types SF-4/SV-4 units may be used for a max 10 ft, 0 in. spans. Types SF-5/SV-5 units made from 24 MSG steel may be used for a max 10 ft, 6 in. spans. Types SF-5/SV-5 units made from 22 ga or heavier steel may be used for max 12 ft, 0 in. spans.
Consolidated Systems, Inc.—Consoliform and Comvent Types EHD, HD, S, SD. -Media-Deck Type 1 (vented and nonvented) and Media-Deck Type 2, Type R.
Deck West, Inc.—36 in. wide Type B-DW, BA-DW or 3-DW. The Type 3-DW units made from 22 ga or heavier steel may be used for a maximum 10 ft., 0 in. spans, provided that the total loading on these spans is based on the allowable steel stresses and the deflection limitation criteria using the steel (noncomposite) section properties of these units.
Epic Metals Corp.—Type Metricform.
Marlyn Steel Decks, Inc.—Types B, BV, EF, EVF, F, HF, HVF, SF, SVF.
Robertson, H. H.—Type QL-3 or Sec. 3 with or without up-punched integral hanger tabs, and 3 in. QL-99. The 3 in. deep Type QL-99 units made from 22 ga or heavier steel may be used for max 10 ft, 0 in. spans, provided the total loading on these spans is based on the allowable steel stresses and the deflection limitation criteria using the steel (noncomposite) section properties of these units.
Roll Form Products, Inc.—"Permaform" Type H.
Roof Deck, Inc.—Vented or Nonvented Types EHD Multi-Rib, HD Multi-Rib, S Multi-Rib.
Toman Building Components Inc. —24, 30 or 36 in. wide, Types LXR-B; 30 in. wide, Types LXR-B-N-30 and LXR-B-N-30-I; 35 in. wide, Types LXR-B-35 and LXR-B-35-I.
United Steel Deck, Inc.—Types B, UFX, UFXV, UFX-36, UFXV-36.
Verco Manufacturing Inc.—Types B, 2"B, 2"B Ventlok, Vercor, Vercor-Ventlok, W-2, System 80 and N. Two or three 10 ft 0 in. continuous spans may be used for the following units under the following conditions: (A) For Types B and W-2 units the total loading on these spans shall be based on the allowable steel stress or the deflection limitation criteria using the steel (noncomposite) section properties of these units. (B) For System 80 the min gauge of units is 18 MSG and use is limited to three continuous spans. (C) For 2"B and 2"B Ventlok the total loading on these spans shall be limited to 80 percent of the allowable steel bending stress, or the deflection limitation criteria.

Type N deck may be used on simple or continuous 12 ft 0 in. spans with the total loading on these spans limited by the allowable bending stress and/or the deflection limitation criteria.
Vulcraft, Div. of Nucor Corp.—Types 0.6C, 0.6CPR, 0.6CPRV, 0.6CSV, 1.0C, 1.0CSV, 1.3C, 1.3CSV, 1.5C, 2C, 3C, 1.5B, 1.5BI, 3N, 3NI. Type 1.5B units made from 21MSG or heavier steel may be used on simple or continuous 10 ft 0 in. spans with the total load on these spans limited by the allowable bending stress and/or the deflection criteria of this deck. Type 3N made from 22MSG or heavier steel may be used on simple or continuous 12 ft 0 in. spans with the total load on these spans limited by the allowable bending stress and/or the deflection criteria of this deck.
Wheeling Corrugating Co., Div of Wheeling-Pittsburgh Steel Corp.—Types B, BW, F, TF-50, TF-75, TF-125, TF-H3, TV-50, TV-75, TV-125, TV-H3,-Permaform Type H.

8. **Metal Lath**—(Optional)—Metal lath is used to facilitate the spray application of Spray-Applied Fire Resistive Materials on steel bar joists and trusses. The diamond mesh, 3/8 in. expanded steel lath, 1.7 to 3.4 lb per sq yd, is secured to one side of each steel joist with No. 18 SWG galv steel wire at joist web and bottom chord members, spaced 15 in. OC max. When used, the metal lath is to be fully covered with Spray-Applied Fire Resistive Materials with no min thickness requirements.

8A. **Non-Metallic Fabric Mesh**—(Optional)—As an alternate to metal lath, glass fiber fabric mesh, weighing approximately 2.5 oz per sq yd, polypropylene fabric mesh, weighing approximately 1.25 oz per sq yd or equivalent, is used to facilitate the spray application. The mesh is secured to one side of each joist web member. The method of attaching the mesh must be sufficient to hold the mesh and the spray-applied Spray-Applied Fire Resistive Materials material in place during application until it has cured. An acceptable method to attach the mesh is by embedding the mesh in minimum 1/4 in. long beads of hot melted glue. The beads of glue shall be spaced a maximum of 12 in. O.C. along the top chord of the bar joist. Another method to secure the mesh is by 1-1/4 in. long by 1/2 in. wide hairpin clips formed from No. 18 SWG or heavier steel wire.

9. **Spray-Applied Fire Resistive Materials***—Applied by mixing with water and spraying in more than one coat to the final thickness shown below to joist or beam surfaces which are clean, free of dirt, loose scale and oil. A 1-3/4 in. thickness of Spray-Applied Fire Resistive Materials shall be applied to the bridging bars. Min avg and min ind density of 15/14 pcf respectively. For method of density determination refer to Design Information Section.

Restrained Assembly Rating, HR	Unrestrained Beam Rating, HR	Thickness (In.) Min Tkns on Beam W6x16	Min Tkns on Beam W8x10	Min Tkns on Joist (No. Lath)	Min Tkns on Joist (with Lath)
1	1	1	1-3/8	1-1/2+	1-1/2+
1-1/2	1-1/2	1-1/4	1-3/4	2-1/4	1-3/4
2	1-1/2	1-3/8	1-7/8	2-1/4	1-3/4
2	2	1-5/8	2-1/4	2-7/16	1-7/8

Construction Products Div., W. R. Grace & Co. of Canada Ltd.—Type MK-5.
Grace Construction Products—Types MK-4, MK-5, MK-6/HY, MK-6S, RG
Grace Korea Inc.—Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6S
Pyrok Inc.—Type LD.
Southwest Vermiculite Co., Inc.—Types 4, 5, 5EF, 5GP, 5MD, 8EF, 8GP, 8MD, 9EF, 9GP, 9MD.
Vermiculite Prods., Inc.—Types MK-5, VP5.
+For 1 Hr ratings, the min joist size shall be 14J7.

9A. **Spray-Applied Fire Resistive Materials***—(Not Shown) —In lieu of Item 9 the following Spray-Applied Fire Resistive Materials may be applied by mixing with water and spraying in multiple coats to final thicknesses shown below. Min avg and min ind density 19/18 pcf respectively for Types 7GP, 10S. Min avg and min ind density of 22/19 pcf respectively for Types KM-601, Z-106. For method of density determination, refer to Design Information Section, Sprayed Material.

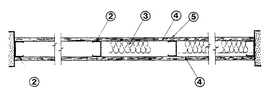
Restrained Assembly Rating, Hr.	Unrestrained Beam Rating, Hr.	Min Tkns on Beam, in W6X16	Min Tkns on Beam, in W8X10
1	1	1-1/16	1-1/2
1-1/2	1-1/2	1-3/8	1-15/16
2	1-1/2	1-1/2	2-1/16
2	2	1-13/16	2-9/16

Grace Construction Products—Types 10S, KM-601, Z-106.
Grace Korea Inc.—Type Z-106.
Southwest Vermiculite Co., Inc.—Type 7GP.

9B. **Spray-Applied Fire Resistive Materials***—(Not Shown) —In lieu of Item 9 or 9A the following Spray-Applied Fire Resistive Materials may be applied by mixing with water and spraying in multiple coats to final thicknesses shown below. Min avg and min ind density 40/36 pcf respectively. For method of density determination, refer to Design Information Section, Sprayed Material.

Restrained Assembly Rating, Hr.	Unrestrained Beam Rating, Hr.	Min Tkns on Beam, in W6X16	Min Tkns on Beam, in W8X10
1	1	1-1/16	1-1/2
1-1/2	1-1/2	1-3/8	1-15/16
2	1-1/2	1-1/2	2-1/16
2	2	1-13/16	2-9/16

Design No. U465
Nonbearing Wall Rating—1 HR.



1. **Floor and Ceiling Runners**—(not shown)—Channel shaped runners, 3-5/8 in. wide (min), 1-1/4 in. legs, formed from No. 25 MSG (min) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
2. **Steel Studs**—Channel shaped, 3-5/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from No. 25 MSG (min) galv steel spaced 24 in. OC max.
3. **Batts and Blankets***—(Optional)—Mineral wool or glass fiber batts partially or completely filling stud cavity.
See Batts and Blankets (BZJZ) category for names of Classified companies.
4. **Wallboard, Gypsum***—5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S self-tapping steel screws spaced 8 in. OC along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (furring channels), wallboard is screw attached to furring channels with 1 in. long, type S steel screws spaced 12 in. OC.
American Gypsum Co.—Type AG-C.
Boral Gypsum Inc.—Type BG-C.
Canadian Gypsum Company—Types AR, C, IP-X2, SCX, SHX, WRC or WRX.
Continental Gypsum Company—Types CG-C, CG5-5, CG6-6, CG9-9, CGTC-C.
G-P Gypsum Corp.—Types 5, 9, C, GPF56.
Lafarge Gypsum, A Div. of Lafarge Corp.—Types LGFC6, LGFC-C.
National Gypsum Co., Charlotte, NC—Types FSK-G, FSW-G.
National Gypsum Co., Riyadh, Saudi Arabia—Type FR or WR.
Pabco Gypsum Co.—Type PG-C.
Republic Gypsum Co.—Type RG-C.
Standard Gypsum Corp.—Type SG-C.
Temple-Inland Forest Products Corp.—Type TG-C.
United States Gypsum Co.—Type AR, C, IP-X2, SCX, SHX, WRC or WRX.
Yeso Panamericano SA de CV—Type AR, C, IP-X2, SCX, SHX, WRC or WRX.
Westroc Inc.—Type Westroc Fireboard.

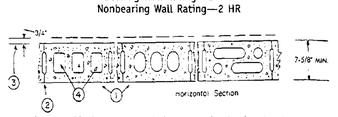
4A. **Wallboard, Gypsum***—(As an alternate to Item 4)—Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4 with screw length increased to 1-1/4 in.
Canadian Gypsum Company—Type AR.
United States Gypsum Co.—Type AR.
Yeso Panamericano SA de CV—Type AR.

4B. **Wallboard, Gypsum***—(As an alternate to Items 4 and 4A)—5/8 in. thick installed as described in Item 4. Joint covering (Item 5) not required.
Canadian Gypsum Company—Type WSX.
United States Gypsum Co.—Type WSX.
Yeso Panamericano SA de CV—Type WSX.
5. **Joint Tape and Compound**—Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
6. **Furring Channel**—(Optional-Not Shown)—Resilient 25 MSG galv steel furring channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 panhead steel screws.

*Bearing the UL Classification Marking

06 UL DESIGN NO. U465
12" = 1'-0"

Design No. U905
Bearing Wall Rating—2 HR.
Nonbearing Wall Rating—2 HR

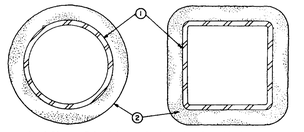


1. **Concrete Blocks***—Various designs. Classification D-2 (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.
2. **Mortar**—Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of **clean** sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3. **Portland Cement Stucco or Gypsum Plaster**—Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).
4. **Loose Masonry Fill**—If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.
5. **Foamed Plastic***—(Optional-Not Shown)—1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
Celotex Corp.—Type Thermax

*Bearing the UL Classification Marking

05 UL DESIGN NO. U905
12" = 1'-0"

Design No. X771
Ratings—3/4, 1, 1-1/2, 2, 3 and 4 h



1. **Steel Pipe or Tube Column**—Steel circular pipe with diameter (OD) ranging from a minimum of 3 in. to a maximum of 32 in. with a minimum wall thickness of 3/16 in.
Steel square or rectangular tube with outside wall dimensions ranging from a minimum 3 in. to a maximum of 32 in. and a minimum wall thickness of 3/16 in.
The A/P ratio of the steel pipe or tube (see Item 2) shall range from 0.18 to 2.0.
2. **Spray-Applied Fire Resistive Materials***—Applied by mixing with water and spraying in one or more coats to steel surfaces which must be clean and free of dirt, loose scale and oil. Min avg and ind density of 15/14 pcf respectively. For method of density determination, see Design Information Section, preceding these designs.
The hourly rating of the structural member is dependent upon the ratio of A/P and the thickness of Spray-Applied Fire Resistive Materials, where A is the cross sectional area of the pipe or tube and P is the heated perimeter.
The A/P ratio of a circular pipe is determined by:

$$\text{A/P pipe} = \frac{t(d-t)}{d}$$

Where:
d is the outer diameter of the pipe (in.)
t is the wall thickness of the pipe (in.)
The A/P ratio of a rectangular or square tube is determined by:

$$\text{A/P tube} = \frac{t(a+b-2t)}{a+b}$$

Where:
a is the outer width of the tube (in.)
b is the outer length of the tube (in.)
t is the wall thickness of the tube (in.)
The thickness of Spray-Applied Fire Resistive Materials for ratings of 3/4, 1, 1-1/2, 2, 3 and 4 h of a steel pipe or tube can be determined by the equation:

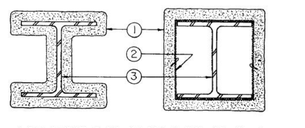
$$h = \frac{R - 0.20}{4.43\ (A/P)}$$

Where:
R is the hourly rating (hrs).
h is the thickness of Spray-Applied Fire Resistive Materials, minimum 1/4 in., maximum 3-7/8 in.
Construction Products Div. W. R. Grace & Co. of Canada Ltd.—Types MK-4, MK-5.
Grace Construction Products—Types MK-4, MK-5, MK-6/HY, MK-6S, RG.
Grace Korea Inc.—Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6S.
Pyrok Inc.—Type LD.
Southwest Vermiculite Co., Inc.—Types 4, 5, 5EF, 5GP, 5MD, 8EF, 8GP, 8MD, 9EF, 9GP, 9MD.
Vermiculite Prods. Inc.—Types MK-4, MK-5.

*Bearing the UL Classification Marking

04 UL DESIGN NO. X771
12" = 1'-0"

Design No. X772
Ratings—1, 1-1/2, 2, 3 and 4 h.



1. **Spray-Applied Fire Resistive Materials***—Applied by mixing with water and spraying in more than one coat to the thicknesses shown below, to steel surfaces which are clean and free of dirt, loose scale, and oil. Min avg and min ind density of 15/14 pcf respectively. For method of density determination, see Design Information Section, Sprayed Material.
The thickness of Spray-Applied Fire Resistive Materials to be applied to all surfaces of the column (Item 1) required for rating periods of 1 h, 1-1/2 h, 2 h, 3 h, 4 h may be determined by the equation:

$$h = \frac{R}{1.05\ (W/D) + 0.61}$$

Where:
h = Spray-Applied Fire Resistive Materials thickness in the range 0.25-3.875 in.
R = Fire resistance rating in hours (1 - 4 h)
D = Heated perimeter of steel column in inches
W = Weight of steel column in lbs per foot
W/D = 0.33 to 6.62

As an alternate to the equation, the minimum thickness of Spray-Applied Fire Resistive Materials required for various fire resistance ratings of contour sprayed or boxed columns may be determined from the table below:

Min Column Size	W/D	Min Thk (in) 1 h	1-1/2 h	2 h	3 h	4 h
W6X9	0.33	1-1/8	1-1/2	2	2-1/2	3-1/8
W6x16	0.57	13/16	1-1/4	1-11/16	2-1/2	3-5/16
W8x28	0.67	3/4	1-3/16	1-3/8	2	2-11/16
W10x49	0.83	11/16	7/8	1-1/8	1-11/16	2-1/2
W14x228	2.49	5/16	1/2	9/16	7/8	1-1/4
W14x730	6.62	5/16	5/16	5/16	1/2	9/16

The thicknesses contained in the table below are applicable when the Spray-Applied Fire Resistive Materials applied to columns' flange tips are reduced to one-half that shown in the table above.

Min Column Size	W/D	Min Thk (in) 1 h	1-1/2 h	2 h	3 h	4 h
W6x9	0.33	1-1/8	1-5/8	2-1/16	2-15/16	3-13/16
W6x16	0.57	7/8	1-5/16	1-3/4	2-9/16	3-3/8
W8x28	0.67	13/16	1-3/16	1-1/2	2-1/4	2-15/16
W10x49	0.83	3/4	1-1/16	1-3/8	2-1/16	2-3/4
W14x233	2.49	5/16	1/2	11/16	1-3/16	1-5/8
W14x730	6.62	5/16	5/16	5/16	9/16	3/4

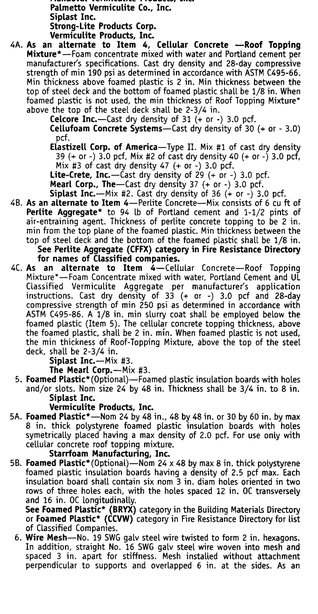
Construction Products Div., W. R. Grace & Co. of Canada Ltd.—Types MK-4 or MK-5.
Grace Construction Products—Types MK-4, MK-5, MK-6/HY, MK-6s, RG.
Grace Korea Inc.—Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6s.
Pyrok Inc.—Type LD.
Southwest Vermiculite Co., Inc.—Types 4, 5, 5EF, 5GP, 5MD, 8EF, 8GP, 8MD, 9EF, 9GP, 9MD.
Vermiculite Products, Inc.—Type MK-4 or MK-5.

2. **Metal Lath**—(Optional Type Shown)—Galv steel lath, 3.4 lb/sq yd galvanized or painted expanded steel lath. Lath shall be lapped 1 in. and tied together with No. 18 SWG galvanized steel; wire spaced vertically 6 in. O.C.
3. **Steel Column**—Wide flange steel column, min sizes as shown in the tables below.

*Bearing the UL Classification Marking

03 UL DESIGN NO. X772
12" = 1'-0"

Design No. P921
12" = 1'-0"



Design No. D780
April 14, 2017

Restrained Assembly Rating — 1, 1-1/2, 2 or 3 h

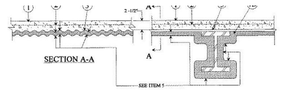
Unrestrained Assembly Rating — 1, 1-1/2, 2 or 3 h (See Item 5)

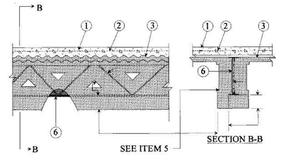
Unrestrained Beam Ratings — 1, 1-1/2, 2 or 3 h (See Item 5)

Restricted Load Condition — See Items 4 and 5B

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





1. **Normal Weight or Lightweight Aggregate Concrete —** Normal weight carbonate or siliceous aggregate concrete, 150 plus over minus 3 pcf unit weight, 3500 psi compressive strength, vibrated. Lightweight concrete, expanded shale, clay, or slate aggregate by rotary-kiln method, 110 plus over minus 3 pcf unit weight, 3500 psi compressive strength, 4 to 7 percent entrapped air.

2. **Welded Wire Fabric —** 6 x 6 — W2.0 X W2.0

3. **Steel Floor and Form Units —** No. 28 MSG galv corrugated sheet steel minimum. The description and sizes of the corrugated sheet steel units and the max beam spacing are as follows:

Steel Deck Unit In.	Nom Pitch In.	Sheet Steel Gauge MSG	Max Beam Spacing
9/16	2-1/2	28	3 ft, 6 in. O.C.
15/16	3-3/4	26	5 ft, 0 in. O.C.
1-5/16	5	26	6 ft, 6 in. O.C.
1-5/16	5	24	7 ft, 0 in. O.C.
1-5/16	5	22	7 ft, 6 in. O.C.
1-5/16	5	20	8 ft, 0 in. O.C.

Units welded to each steel beam, 36 welds per 100 sq ft of form units with at least one weld at each side joint. Welding of deck side joint between beams for deck spans ranging between 3 ft, 6 in. and 6 ft, 6 in. O.C. shall be at least two welds of each side joint. Welding of side joints for spans greater than 6 ft, 6 in. O.C. shall be a minimum of three welds of each side joint.

Any Manufacturer — Corrugated deck having cross-section similar to above description.

3A. **Steel Floor and Form Units —** As an alternate to Item 3, Composite 1-1/2, 2, or 3 in. deep galv fluted units. Min gauge is No. 22 MSG. Spacing of welds attaching units to supports shall be at each side of joint and not to exceed 12 in. OC between joints. Adjacent units button punched or welded together 36 in. OC at joints.
CANAM STEEL CORP — 36 in. wide Type P-3623, P-3606 and P-3615 composite; 24 in. wide Type P-2432 composite.

CANAM STEEL CORP — Types B, B Lok, N Lok, 1-1/2, 2 and 3 in. Lok Floor, UFS and UFX. Units may be phos/painted or painted/painted.

VERCO DECKING INC - A NUCOR CO — Types PLB, HSB, PLN3, HSN3, PLN, N, and FORMLOK™ deck types PLB, B, BR, PLN3, N3, PLN, N, PLW2, W2, PLW3, W3. Units are min 24 in. wide and may be galvanized or phos./ptd.

VULCRAFT, DIV OF NUCOR CORP — 24, 30 and 36 in. wide Type 1.5VLI; 24 or 36 in. wide Types 2VLI, 3VLI. Types 1-SLVI, 2VLI, and 3VLI units may be phos/ptd. Type BW Slotted Deck.

4. **Steel Joists** — 10K1 or 16K2 min size with a max tensile stress of 30,000 psi or 12K3 min size with max tensile stress of 24,000 psi.

4A. As an alternate to Item 4, LH Series joists spanning no greater than 60 ft. For spans greater than 60 ft, deflection under the published total load shall not be greater than 1/277 of the joist span.

4B. **Composite Joists —** (Not shown) — As an alternate to Items 4 and 4A, steel joists designed for full composite action with the concrete slab. Min overall depth 13 in. Min area of joist members shall be 0.708 square in. for top and bottom chord angles and 0.442 square in. for web. Designed in accordance with SJI Specifications for K-Series joists as revised to November 18, 1989.

4C. **Structural Steel Members*** — (Not shown) — As an alternate to Items 4, 4A and 4B — (Not shown) — Composite joists with top chord embedded in concrete slab. Welded to end supports. Min area of joist members shall be 0.708 square in. for top and bottom chord angles and 0.442 square in. for web.
VESCOM STRUCTURAL SYSTEMS INC — Type V.

4D. **Steel Beams** — W8x28 min size. As an alternate to steel joists, Items 4, 4A, 4B and 4C.

4E. **Horizontal Bridging** — (Not shown) — Min 1-1/4 by 1-1/4 by 1/8 in. thick steel angles for use with noncomposite joists (Item 4). Number and spacing per Steel Joist Institute specifications. Welded to top and bottom chord of the joists. Min thickness of Spray-Applied Fire Resistive Materials on bridging angles is 1-1/2 in.

5. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in no more than one coat to a final thickness as shown below to steel surfaces which must be free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf, respectively. For method of density determination, see Design Information Section, Sprayed Materials.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	on Deck	on Beam
1	1	1	3/8	7/16
1-1/2	1	1	1/2	7/16
1-1/2	1-1/2	1-1/2	1/2	3/4
2	1	1	1/2	7/16
2	2	2	5/8	1
3	1-1/2	1-1/2	1/2	3/4
3	3	3	7/8	1-5/16

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	LH Joist	Joist Thickness 10K1 more than 4 ft OC	10K1 less than 4 ft OC	16K2 more than 4 ft OC	16K2 less than 4 ft OC
1	1	1	1-1/8	1-1/8	15/16	15/16	15/16
1-1/2	1	1	1-5/16	1-5/16	1-1/4	1-1/4	1-3/16
1-1/2	1-1/2	1-1/2	1-1/2	1-5/8	1-7/16	1-1/4	1-3/16
2	1	1	1-7/16	1-7/16	1-7/16	1-9/16	1-1/2
2	2	2	1-1/2	2-3/16	1-15/16	1-9/16	1-1/2
3	1-1/2	1-1/2	1-1/2	3-1/4	2-13/16	2-1/4	2-1/8
3	3	3	3-1/4	3-1/4	2-13/16	2-1/4	2-1/8

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	on Deck	on Beam
1	1	1	7/16	7/16
1-1/2	1	1	9/16	7/16
1-1/2	1-1/2	1-1/2	9/16	3/4
2	1	1	9/16	7/16
2	2	2	5/8	1
3	1-1/2	1-1/2	9/16	7/16
3	3	3	3-1/4	2-13/16

ARABIAN VERMICULITE INDUSTRIES — Types Z-106, Z-106/G, Z-106/HY, Z-146 investigated for exterior use.

GCP APPLIED TECHNOLOGIES INC — Types Z-106, Z-106/G, Z-106/HY, Z-146 investigated for exterior use.

GCP KOREA INC — Types Z-106, Z-106/G, Z-106/HY, Z-146 investigated for exterior use.

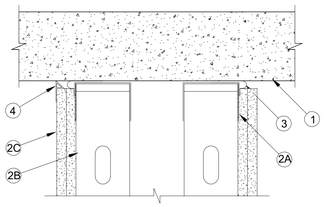
5A. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in more than one coat to a final thickness as shown below to steel surfaces which must be free of dirt, loose scale and oil. When steel deck

System No. HW-D-0758

HWD 0758

ANSI/UL2079	CAN/ULC S115
Assembly Ratings - 1 and 2 Hr (See Item 2)	F Rating — 1 and 2 Hr (See Item 2)
Nominal Joint Width — 1/2 or 3/4 In. (See Item 3)	FT Rating — 1 and 2 Hr (See Item 2)
Class II or III Movement Capabilities — 50% Compression or Extension or 66% Compression Only	FH Rating — 1 and 2 Hr (See Item 2)
L Rating at Ambient — Less than 1 CFM/Lin Ft	FTH Rating — 1 and 2 Hr (See Item 2)
L Rating at 400° F — Less than 1 CFM/Lin Ft	Nominal Joint Width - 13 or 19 mm (See Item 3)
	Class II or III Movement Capabilities — 50% Compression or Extension or 66% Compression Only
	L Rating at Ambient — Less than 1.55 L/s/in m
	L Rating at 400° F — Less than 1.55 L/s/in m

Classified by Underwriters Laboratories, Inc. to UL 2079 and CAN/ULC-S115



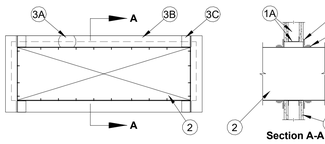
1. Floor Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor may also be constructed of any 6 in. (152 mm) thick UL Classified hollow-core Precast Concrete Units*.
   See Precast Concrete Units category in the Fire Resistance Directory for names of manufacturers.
2. Wall Assembly — The 1 or 2 hr fire rated gypsum board/stud chase (double stud) wall assembly shall be constructed of the materials and in the manner described in the individual U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. Steel Floor and Ceiling Runners — Floor and ceiling runners of wall assembly shall consist of galv steel channels sized to accommodate steel studs (Item 2B). Flange height of ceiling runner shall be min 1/4 in. (6 mm) greater than max extended joint width. Ceiling runner secured to concrete floor slab with steel masonry anchors, steel fasteners spaced 24 in. (610 mm) OC.
   A1. Light Gauge Framing* — Slotted Ceiling Runner — As an alternate to the ceiling runner in Item 2A, slotted ceiling runner to consist of galv steel channel with slotted flanges sized to accommodate steel studs (Item 2B). Slotted ceiling runner secured to concrete floor slab with steel masonry anchors or steel fasteners spaced max 24 in. (610 mm) OC.
   BRADY CONSTRUCTION INNOVATIONS INC, DBA SLIPTRACK SYSTEMS — SLP-TRK
   CALIFORNIA EXPANDED METAL PRODUCTS CO — CST
   CLARKDIETRICH BUILDING SYSTEMS — Types SLT, SLT-H
   MARINO/WARE, DIV OF WARE INDUSTRIES INC — Type SLT
   METAL-LITE INC — The System
   SCAFCO STEEL STUD MANUFACTURING CO — Slotted Track
   TELLING INDUSTRIES L L C — True-Action Deflection Track
   A2. Light Gauge Framing* — Vertical deflection Ceiling Runner — As an alternate to the ceiling runners in Items 2A and 2A1, vertical deflection ceiling runner to consist of galv steel channel with slotted vertical deflection clips mechanically fastened within runner. Slotted clips, provided with step bushings, for permanent fastening of steel studs. Flanges sized to accommodate steel studs (Item 2B). Vertical deflection ceiling runner secured to concrete floor slab with steel fasteners or steel masonry anchors spaced max 24 in. (610 mm) OC.
   THE STEEL NETWORK INC — VertiTrack VTD250, VTD362, VTD400, VTD600 and VTD800
   A3. Light Gauge Framing* — Notched Ceiling Runner — As an alternate to the ceiling runners in Items 2A through 2A3, notched ceiling runners to consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 2B). Notched ceiling runner secured to concrete floor slab with steel masonry anchors or steel fasteners spaced max 24 in. (610 mm) OC.
   OLMAR SUPPLY INC — Type SCR
   B. Studs — Steel studs to be min 2-1/2 in. (64 mm) wide and formed of min 25 ga galv steel. Studs cut 3/4 to 1 in. (19 to 25 mm) less in length than assembly height with bottom nesting in and secured to floor runner. Steel studs nested in ceiling runner without attachment. Studs spaced max 24 in. (610 mm) OC.
   C. Gypsum Board* — Gypsum board 1/2 or 5/8 in. (13 or 16 mm) thick, applied on both sides of wall as specified in the individual Wall and Partition Design except that a max 3/4 in. (19 mm) gap shall be maintained between the top of the gypsum board and the bottom of the floor assembly. The screws attaching the gypsum board to studs at the top of the wall shall be located 1 in. (25 mm) to 1-1/2 in. (38 mm) below the bottom edge of the ceiling runner. No gypsum board attachment screws shall be driven into the ceiling runner. The hourly ratings of the joint system are equal to the hourly fire rating of the wall.
3. Fill, Void or Cavity Material* — Top Track Seal — When max separation between the bottom of floor and top of wall is 1/2 in. (13 mm), the joint system is designed to accommodate a max 50 percent compression or extension from its installed width. When max separation between the bottom of floor and top of wall is 3/4 in. (19 mm), the joint system is designed to accommodate a max 66% compression only from its installed width. Factory supplied foam seal sized for ceiling runner width installed over the ceiling runners (Item 2A) prior to attachment to underside of concrete floor in accordance with the installation instructions.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-TTS 200, CFS-TTS 300, CFS-TTS 400, CFS-TTS 600, CFS-TTS R or CFS-TTS-OS
4. Fill, Void or Cavity Material* — (Optional) — A PVC wall mounted deflection bead can be installed over the surface of the joint at one or both sides of wall. Nom 1-1/8 in. (28.6 mm) leg of the bead rests against the face of the gypsum wall and is secured in accordance with manufacturer installation instructions. Bead includes an integral triangular shaped flexible gasket that fits over the joint and allows for dynamic movement.
TRIM-TEX INC — Wall Mounted Deflection Bead

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

System No. W-L-7164

Classified by Underwriters Laboratories, Inc. to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Item 1)	F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 0 and 3/4 Hr (See Item 5)	FT Ratings - 0 and 3/4 Hr (See Item 5)
L Rating at Ambient - 4.3 CFM/sq ft	FH Ratings - 1 and 2 Hr (See Item 1)
L Rating at 400°F - 4.3 CFM/sq ft	FTH Ratings - 0 and 3/4 Hr (See Item 5)
	L Rating at Ambient - 21.8 L/s/m2
	L Rating at 204°C - 21.8 L/s/m2



Section A-A

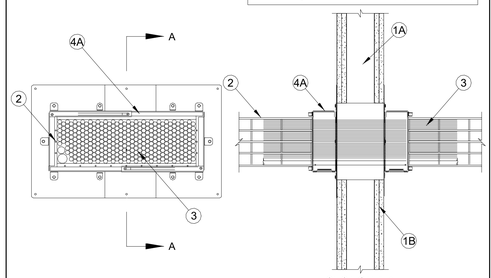
1. **Wall Assembly -** The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs -** Wall framing shall consist of steel channel studs. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Additional framing members shall be used to completely frame around opening.
   B. **Gypsum Board* -** Min 5/8 in. (16 mm) thick, 4 ft (1.2 m) wide with square or tapered edges. The gypsum board type, thickness, number of layers and orientation shall be as specified in the individual Design. Max size of opening is 64 sq ft. (5.9 m2) with a max dimension of 98 in. (2.5 m).
   The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall in which it is installed.
2. **Steel Duct -** Max 92 by 96 in. (2.34 by 2.44 m) steel duct to be installed within the opening. The annular space between the steel duct and the periphery of the opening shall be min 0 in. (point contact) to max 1 in. (25 mm). The duct shall be constructed and reinforced in accordance with SMACNA construction standards. Steel duct to be rigidly supported on both sides of wall assembly.
2A. **Coated Ducts* -** As an alternate to item 2, max 60 by 60 in. (1524 by 1524 mm) steel duct coated with BW11 coating material. Duct sections shall be assembled using bolted flanges or SMACNA approved Transverse Joint Reinforcements. The annular space between the duct and the periphery of the opening shall be min 0 in. (point contact) to max 1 in. (25 mm). Duct to be rigidly supported on both sides wall assembly.
FIRESPRAY INTERNATIONAL LTD - FLAMEBAR BW11 fire rated ductwork
3. **Firestop System -** The firestop system shall consist of the following:
   A. **Fill, Void or Cavity Material* -** Factory-supplied intumescent gasket installed and nominally centered to completely cover the outer surfaces of the steel retaining angles (Item 3B) as specified in the accompanying installation instructions.
   SPECIFIED TECHNOLOGIES INC - FyreFlange™ Firestop Gasket
   B. **Steel Retaining Angles -** Nom 2 by 2 by 0.035 in. (51 by 51 by 0.9 mm) thick steel angles to be installed flush to 1/4" in. (6 mm) from each surface of the wall. Firestop angles shall be attached to the steel duct on both sides of wall with min No. 10 self-drilling, self-tapping steel screws spaced max 6 in. (152 mm) OC. As an option, angles may be installed over the optional insulation (Item 5) and attached to the duct by compressing the batt or blanket to the max extent possible using the steel screws. When the duct size is 24 by 48 in. (61 by 122 cm) or smaller, the corner clips (Item 3C) are optional.
   C. **Firestop Device* -** A corner clip shall be installed at each corner of the duct on each side of the wall. Corner clips shall be attached to the steel duct and to the perpendicular leg of the abutting firestop angle with two min No. 10 self-drilling, self-tapping steel screws.
   SPECIFIED TECHNOLOGIES INC - FyreFlange™ Corner Clip
4. **Firestop Device* -** (Not Shown) - As an option to the intumescent gasket and steel angles (Item Nos. 3A and 3B), a firestop device consisting of 2 by 2 by 0.035 in. (51 by 51 by 0.9 mm) thick steel angles furnished with an intumescent gasket material and corner clips may be used. Firestop angles to be installed flush to max 1/4 in. (6 mm) from each surface of the wall in accordance with the accompanying installation instructions. Firestop angles shall be attached to the steel duct on both sides of wall with min No. 10 self-drilling, self-tapping steel screws spaced max 6 in. (152 mm) OC. A corner clip shall be installed at each corner of the duct on each side of the wall. Corner clips shall be attached to the steel duct and to the perpendicular leg of the abutting firestop angle with two min No. 10 self-drilling, self-tapping steel screws. Two short lengths of firestop angle may be joined into a single length of the required size using a splice angle in accordance with the accompanying instructions. As an option, firestop angles may be installed over the optional insulation (Item No. 5) and attached to the duct by compressing the batt or blanket to the max extent possible using the steel screws. When the duct size is 24 by 48 in. (61 by 122 cm) or smaller, the corner clips (Item 3C) are optional.
   SPECIFIED TECHNOLOGIES INC - FyreFlange™ Firestop Angle, FyreFlange™ Corner Clip, FyreFlange™ Splice Angle
5. **Batts and Blankets* -** (Optional, Not Shown) - Max 2 in. (51 mm) thick light density (min 3/4 pcf or 12 kg/m3) glass fiber insulation jacketed on the outside with a foil-scrim-kraft facing installed around steel duct after installation of the firestop device angles and abutting the wall surfaces. As an alternate, the insulation may be installed along the entire length of the duct, passing through the wall opening and compressed by the firestop angles. Longitudinal and transverse joints of insulation sealed with aluminum foil tape.
   See **Batts and Blankets** (BNXU) category in the Building Materials Directory for names of manufacturers. Any batt or blanket meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index 50 or less may be used.
   When nominal 2 in. (51 mm) thick nominal 3/4 pcf (12 kg/m3) density insulation is used, T Rating is 3/4 hr. Otherwise, T Rating is 0 hr.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Classified by Underwriters Laboratories, Inc. to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115

System No. W-L-4102

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Item 1)	F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 0 and 1/2 Hr (See Item 1)	F Ratings - 1 and 2 Hr (See Item 1)
L Rating at Ambient - 9.8 to 14.5 CFM/ft2 (See Item 4C)	FH Ratings - 1 and 2 Hr (See Item 1)
L Rating at 400°F - 9.8 to 14.5 CFM/ft2 (See Item 4C)	FTH Ratings - 0 and 1/2 Hr (See Item 1)
	L Rating at Ambient - 50 to 74 L/s/m2 (See Item 4C)
	L Rating at 204°C - 50 to 74 L/s/m2 (See Item 4C)



SECTION A-A

1. **Wall Assembly -** The 1 or 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, V300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs -** Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.
   B. **Gypsum Board* -** Thickness, type, number of layers, fastener type and sheet orientation shall be as specified in the individual Design in the UL Fire Resistance Directory. If through penetrants are installed in wood stud/gypsum board assemblies, max area of opening is 145 in.2 (935 cm2) with max dimension of 14-1/2 in. (368 mm). If through penetrants are installed in steel stud/gypsum board assemblies, max area of opening is 220 in.2 (0.142 m2) with max dimension of 22 in. (559 mm).
   The F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall in which it is installed. The T, FT and FTH Ratings are 0 and 1/2 hr for 1 and 2 hr rated assemblies, respectively.
2. **Cable Tray -** Max 18 in. (457 mm) wide by max 6 in. (152 mm) deep welded wire basket cable tray formed from min 0.197 in. (5 mm) thick steel and having max 1.97 by 3.94 in. (50 by 100 mm) grid spacing. One cable tray to be centered horizontally within the opening. The annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 0 in. (point contact) to max 6 in. (152 mm). Cable tray to be rigidly supported on both sides of wall assembly.
3. **Cables -** Cable fill within cable tray shall represent a min 25 to max 100 percent visual fill based on a max 6 in. (152 mm) cable loading depth within the cable tray. Any combination of the following types and sizes of cables may be used:
   A. Max 400 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) or plenum-rated jacketing and insulation.
   B. Max 750 kcmil single copper conductor power cable with XLPE jacket and insulation.
   C. Max 7/C No. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
   D. Max 3/C No. 2/0 AWG metal clad or armored cable with steel or aluminum jacket.
   E. Max 3/C No. 8 AWG NM cable (Romex) with PVC insulation and jacket.
   F. Max four pair No. 22 AWG (or smaller) copper conductor data cable with PVC or plenum rated jacketing and insulation.
   G. Max four pair No. 22 AWG (or smaller) Cat 5, Cat 5E, Cat 6 or Cat 6A cable with PVC or plenum rated jacketing and insulation.
   H. Coaxial cable with fluorinated ethylene or PVC insulation and jacketing having a max diam of 5/8 in. (16 mm).
   I. Optical fiber cable with PVC or polyethylene (PE) jacket and insulation and having a max diam of 5/8 in. (16 mm).
   J. Max RG6/U coaxial cable with fluorinated ethylene, polyethylene (PE), PVC or plenum rated jacketing and insulation.
4. **Firestop System* -** The firestop system shall consist of the following:
   A. **Firestop Device -** A firestop device consisting of a rectangular galv steel housing with intumescent foam strips sized to the specific width of the cable tray. Firestop device installed in accordance with the accompanying installation instructions on each side of the wall. Firestop device secured in place by means of steel wall plates installed with gasketing material supplied with product. Steel wall plates installed on both sides of wall and secured to each device by means of steel screws or steel mounting tabs provided with device. When mounting holes of wall plates are located over wall framing, wall plates shall be secured to framing, through gypsum board layers, with min 1-7/8 in. (48 mm) long steel drywall screws. All remaining mounting holes of wall plates shall be secured to gypsum board with No. 8 by min 1-1/2 in. (38 mm) long steel screws featuring hi-lo threads and pan-head.
   SPECIFIED TECHNOLOGIES INC - EZ PATH Cable Tray Retrofit Device EZCTR612, EZCTR614, EZCTR616 or EZCTR618
   B. **Fill, Void or Cavity Material* - Sealant, Pillow, Brick, Block, Mortar, Composite Sheet, Foam or Putty -** (Optional, Not Shown) For existing firestop systems, any existing XHHW sealant, pillow, brick, block, mortar, composite sheet, foam or putty applied to seal any voids between cables, between cables and cable tray and between cables or cable tray and the periphery of the opening.
   C. **Fill, Void or Cavity Material* - Sealant or Putty -** (Optional, Not Shown) - Min 1/2 in. (13 mm) thickness of sealant or putty applied to seal any voids between cables, between cables and cable tray and between cables or cable tray and the periphery of the opening.

Max Visual Cable Fill	Putty or Sealant	L-Rating (CFM)	
		Ambient	400°F (204°C)
25%	No	12.2	12.2
26-50%	No	14.5	14.5
25%	YES	9.8	9.8
26-50%	YES	12.4	12.4

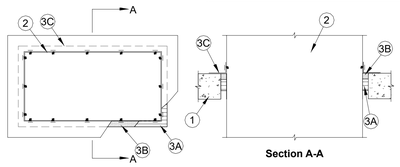
SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LC150 Sealant, SpecSeal LCI Sealant, SpecSeal SIL300 Sealant or SpecSeal Putty

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Classified by Underwriters Laboratories, Inc. to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115

System No. C-AJ-7027

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 2 and 3 Hr (See Item 3B)	F Ratings - 2 and 3 Hr (See Item 3B)
T Rating - 0 Hr	FT Rating - 0 Hr
L Rating at Ambient - Less Than 1 CFM/sq ft	FH Ratings - 2 and 3 Hr (See Item 3B)
L Rating at 400°F - Less Than 1 CFM/sq ft	FTH Rating - 0 Hr
W Rating - Class 1 (See Item 3B)	L Rating at Ambient - Less Than 5.1 L/s/m2
	L Rating at 204°C - Less Than 5.1 L/s/m2



Section A-A

1. **Floor or Wall Assembly -** Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks*** Max area of opening is 2560 in.2 (1.65 m3) with max dimension of 64 in. (1.6 m).
   See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **Steel Duct -** Max 60 by 36 in. (1524 by 914 mm) steel duct. Steel gauge of duct shall conform with SMACNA requirements. One duct to be installed within the firestop system. The annular space shall be min 0 in. (point contact) to max 2 in. (51 mm) Steel duct to be rigidly supported on both sides of floor or wall assembly.
2A. **Coated Ducts* -** As an alternate to item 2, max 60 by 36 in. (1524 by 914 mm) steel duct coated with BW11 coating material. Duct sections shall be assembled using bolted flanges or SMACNA approved Transverse Joint Reinforcements.. One duct to be installed within the firestop system. The annular space shall be min 0 in. (point contact) to max 2 in. (51 mm). Duct to be rigidly supported on both sides of floor or wall assembly.
FIRESPRAY INTERNATIONAL LTD - FLAMEBAR BW11 fire rated ductwork
3. **Firestop System -** The firestop system shall consist of the following:
   A. **Packing Material -** Min 3 in. (76 mm) thickness of min 4 pcf (64 kg/m3) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor and from both surfaces of wall to accommodate the required thickness of fill material.
   B. **Fill, Void or Cavity Material* - Sealant -** Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor and both surfaces of wall. At point contact location between steel duct and concrete floor or wall, apply min 3/8 in. (10 mm) diam bead at steel duct/concrete interface on top surface of floor or both surfaces of wall.
   SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant, Pensil 300 Sealant or SpecSeal Series SIL300 Sealant for floors or walls and Pensil 300SL Sealant or SpecSeal Series SIL300SL Sealant for floors only.
   W Rating applies only when Pensil 300 Sealant, SpecSeal Series SIL300, Pensil 300 S/L or SpecSeal Series SIL300SL Sealants are used.
   F Rating is 2 Hr when Pensil 300 Silicone Sealant or Pensil 300SL Silicone Sealant is used. F Rating is 3 Hr when all other sealants are used.
   C. **Retaining Angles -** Min 16 GA galv steel angles sized to lap duct a min of 2 in. (51 mm) and lap periphery of opening a min of 1 in. (25 mm). Angles attached to all four sides of steel duct on top surface of floor or on both surfaces of wall with No. 10 (or larger) steel sheet metal screws spaced 1 in. (25 mm) from each end and max 4 in. (102 mm) OC.

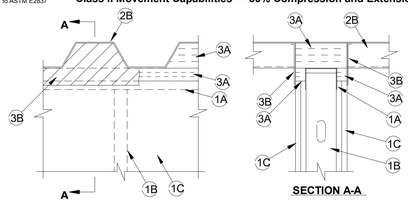
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

System No. CJ-D-0004

CJD 0004

Joint Rating — 2 Hr
Nominal Joint Width — 1-1/2 in.
Class II Movement Capabilities — 50% Compression and Extension

Classified by Underwriters Laboratories, Inc. to ASTM E2837



SECTION A-A

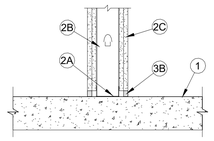
1. Wall Assembly — The 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner described in the individual U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. Steel Floor And Ceiling Runners — Floor and ceiling runners of wall assembly shall consist of galv steel channels sized to accommodate steel studs (Item 1B). Flange height of ceiling runner shall be min 1/4 in. (6 mm) greater than max extended joint width. Ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel fasteners or welds spaced max 24 in. (610 mm) OC.
   A1. Light Gauge Framing* — (XHLI) - Slotted Ceiling Runner — As an alternate to the ceiling runner in Item 1A, slotted ceiling runner to consist of galv steel channel with slotted flanges sized to accommodate steel studs (Item 1B). Slotted ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel fasteners or welds spaced max 24 in. (610 mm) OC.
   BRADY CONSTRUCTION INNOVATIONS INC, DBA SLIPTRACK SYSTEMS — SLP-TRK
   CALIFORNIA EXPANDED METAL PRODUCTS CO — CST
   CLARKDIETRICH BUILDING SYSTEMS — Type SLT, SLT-H
   CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — SDT250, SDT300
   MARINO/WARE, DIV OF WARE INDUSTRIES INC — Type SLT
   METAL-LITE INC — The System
   OLMAR SUPPLY INC — STT250, STT300 SCAFCO STEEL STUD MANUFACTURING CO — Slotted Track
   TELLING INDUSTRIES L L C — True-Action Deflection Track
   A2. Light Gauge Framing* — (XHLI) - Vertical Deflection Ceiling Runner — When the nom joint width is less than or equal to 3/4 in. (19 mm), vertical deflection ceiling runner may be used as an alternate to the ceiling runners in Items 1A and 1A1. Vertical deflection ceiling runner to consist of galv steel channel with slotted vertical deflection clips mechanically fastened within runner. Slotted clips provided with step bushings for permanent fastening of steel studs. Flanges sized to accommodate steel studs (Item 1B). Vertical deflection ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel fasteners or welds spaced max 24 in. (610 mm) OC. THE STEEL NETWORK INC — VertiTrack VTD250, VTD362, VTD400, VTD600 and VTD800
   A3. Light Gauge Framing* — (XHLI) - Notched Ceiling Runner — As an alternate to the ceiling runners in Items 1A through 1A3, notched ceiling runners to consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 1B). Notched ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel fasteners or welds spaced max 24 in. (610 mm) O.C.
   OLMAR SUPPLY INC — TYPE SCR
   B. Studs — Steel studs to be min 3-1/2 in. (69 mm) wide. Studs cut 3/4 in. (19 mm) less in length than assembly height with bottom nesting in and nesting on floor runner and with top nesting in ceiling runner without attachment. When slotted ceiling runner (Item 1A1) is used, steel studs secured to slotted ceiling runner with No. 8 by 1/2 in. (13 mm) long wafer head steel screws at midheight of slot on each side of wall. When vertical deflection ceiling runner (Item 1A2) is used, steel studs secured to slotted vertical deflection clips, through the bushings, with steel screws at midheight of each slot. Stud spacing not to exceed 24 in. (610 mm) OC.
   C. Gypsum Board* — (CKNX)- Min 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual Wall and Partition Design in the UL Fire Resistance Directory, except that a max 1-1/2 in. (38 mm) gap shall be maintained between the top of the gypsum board and the bottom of the steel deck units and the top row of screws shall be installed into the studs 3-1/2 to 4 in. (89 to 102 mm) below the lower surface of the floor or roof.
2. Nonrated Horizontal Assembly — The nonrated horizontal assembly shall be constructed of the materials as described below:
   A. Supports (Not Shown) — Structural steel or other members supporting the steel deck.
   B. Steel Deck — Max 3 in. (76 mm) deep by min 20 MSG galv steel deck, fluted max 12 in. (305 mm) on center. Welded or mechanically fastened to supports (Item 2A).
   C. Concrete (Not Shown. Optional) — Steel deck may be topped with reinforced concrete. Thickness of concrete may vary.
3. Joint System — Max separation between bottom of steel deck and top of wall assembly at time of installation of joint system is 1-1/2 in. (38 mm). Joint system is designed to accommodate a max 50 percent compression or extension from its installed width. The joint system consists of forming material and a fill material, as follows:
   A. Forming Material* — Nom 4 pcf (64 kg/m3) density mineral wool batt insulation cut approx 25 percent wider than the flutes and with a length approx equal to the overall thickness of the wall. Multiple pieces stacked on top of each other, as needed, and then compressed 50 percent in thickness and inserted into the flutes of the steel deck above the top of the ceiling runner. The mineral wool batt insulation is to project beyond each side of the ceiling runner, flush with wall surfaces. Additional 1-1/4 in. (32 mm) wide strips of nom 4 pcf (64 kg/m3) mineral wool batt insulation are to be cut to fill the gap between the top of the gypsum board and bottom of the steel deck. The strips of mineral wool are compressed 50 percent and tightly packed, cut edge first, into the gap between the top of the gypsum board and bottom of the steel deck on both sides of the wall.
   ROCK WOOL MANUFACTURING CO — Delta-Board
   ROXUL INC — SAFE
   THERMAFIBER INC — Type SAF
   A1. Forming Material*—Plugs — (Optional, Not Shown) Preformed mineral wool plugs, formed to the shape of the fluted floor units, friction fit to completely fill the flutes above the ceiling channel. The plugs shall project beyond each side of the ceiling runner, flush with wall surfaces. Additional forming material, described in Item 3A2, to be used in conjunction with the plugs to fill the gap between the top of gypsum board and bottom of steel deck.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP777 Speed Plugs
   A2. Forming Material* - Strips — (Optional) - Nom 1-1/4 in. (16 or 32 mm) wide precut mineral wool strips. The strips are compressed 50 percent and firmly packed, cut edge first, into the gap between the top of the gypsum board and bottom of the steel deck on both sides of the wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 767 Speed Strips
   B. Fill, Void or Cavity Material* — Min 1/16 in. (1.6 mm) dry thickness (1/8 in. or 3.2 mm wet thickness) of fill material sprayed or troweled on each side of the wall to completely cover mineral wool forming material and to overlap a min of 1/2 in. (13 mm) onto gypsum board and steel deck on both sides of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-SP WB Firestop Joint Spray

*Bearing the UL Classification Mark

Classified by Underwriters Laboratories, Inc. to ANSI/UL 2079

System No. BW-S-0003

Assembly Ratings - 1 and 2 Hr (See Item 2)
L Rating At Ambient - Less Than 1 CFM/Lin Ft (See Item 3B)
L Rating At 400°F - Less Than 1 CFM/Lin Ft (See Item 3B)
Joint Width - 3/4 In. Max

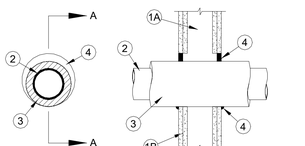


1. **Floor Assembly -** Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor may also be constructed of any 6 in. (152 mm) thick UL Classified hollow-core **Precast Concrete Units*.**
   See **Precast Concrete Units** category in the Fire Resistance Directory for names of manufactures.
2. **Wall Assembly -** The 1 or 2 hr fire-rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory. In addition, the wall may incorporate a head-of-wall joint system constructed as specified in the HW Series Joint Systems in the UL Fire Resistance Directory. The wall shall include the following construction features:
   A. **Steel Floor Runner -** Floor runners of wall assembly shall consist of min No. 25 gauge galv steel channels sized to accommodate steel studs (Item 2B). Floor runners to be provided with min 1-1/4 in. (32 mm) flanges. Runners secured with steel fasteners spaced 12 in. (305 mm) OC.
   B. **Studs -** Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom nesting in, resting on and fastened to floor runner with sheet metal screws. Stud spacing not to exceed 24 in. (610 mm) OC.
   C. **Gypsum Board* -** Gypsum board installed to a min total thickness of 5/8 in. (16 mm) or 1-1/4 in. (32 mm) on each side of wall for a 1 or 2 hr fire rated wall, respectively. Wall to be constructed as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory except that a max 3/4 in. (19 mm) gap shall be maintained between the bottom of the gypsum board and the top of the concrete floor.
   The hourly fire rating of the joint system is equal to the hourly fire rating of the wall.
3. **Joint System - Max separation between top of floor and bottom of gypsum board is 3/4 in. (19 mm).** The joint system consists of a packing material and a fill material, as follows:
   A. **Packing Material -** (Optional, Not Shown) - Mineral wool batt insulation, polyethylene backer rod or glass fiber insulation firmly packed into the gap between the bottom of the gypsum board and the top of the concrete floor and recessed from each surface of the wall to accommodate the required thickness of fill material.
   B. **Fill, Void or Cavity Material*-Sealant -** Min 1/2 in. (13 mm) thickness of fill material installed on each side of the wall between the bottom of the gypsum board and the top of the concrete floor, flush with each surface of the wall. When mineral wool batt insulation is used as a packing material, min thickness of fill material on each side of the wall is 1/4 in. (6 mm).
   SPECIFIED TECHNOLOGIES INC - SpecSeal ES Sealant, SpecSeal LCI Sealant, SpecSeal LC150 Sealant, Pensil 300 Sealant or SpecSeal Series SIL300.
   Note: L Ratings apply when SpecSeal ES Sealant is used.
   - Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Classified by Underwriters Laboratories, Inc. to ASTM/UL1479 (ASTM E814)

System No. W-L-5054

F Ratings - 1 & 2 Hr. (See Item 1)
T Ratings - 3/4 and 1 Hr.



Section A-A

1. **Wall Assembly -** The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs -** Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. O.C. with nom 2 by 4 in. lumber end plates and cross braces. Steel studs to be min 3-1/2 in. wide and spaced max 24 in. O.C.
   B. **Gypsum Board* -** 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 7-5/8 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. **Through Penetrant -** One metallic pipe or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes or tubing may be used:
   A. **Steel Pipe -** Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. **Iron Pipe -** Nom 4 in. diam (or smaller) cast or ductile iron pipe.
   C. **Copper Tubing -** Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.
   D. **Copper Pipe -** Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe.
3. **Tube Insulation - Plastics+ -** Nom 3/4 in. or 1 in. thick acrylonitrile butadiene/polyvinyl chloride (ABS/PVC) flexible foam furnished in the form of tubing. The annular space between penetrating item and periphery of opening shall be min 0 in. (point contact) to max 1-1/2 in.
   When 1 in. thick AB/PVC insulation is used, T Rating is 3/4 hr. When 3/4 in. thick AB/PVC insulation is used, T Rating is 1 hr.
   See **Plastics+** (QMFZ2) category in the Recognized Component Directory of names for manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL 94 Flammability Classification of 94-5VA may be used.
4. **Fill, Void or Cavity Material* - Sealant -** Min 5/8 in. Thickness of fill material applied within annulus, flush with both surfaces of wall. Min 1/4 in. diam bead of sealant to be applied at the point contact location between the AB/PVC insulation and the gypsum board.
   SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

FIRESTOP ASSEMBLIES GENERAL NOTES

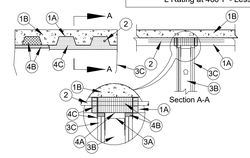
1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS F

0"
1"

UL ASSEMBLY DETAILS
G-032

System No. HW-D-0043

ANSI/UL2079	CAN/ULC S115
Assembly Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)	F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)
Nominal Joint Widths - 1-1/2 and 2-1/2 In. (See Item 4)	FT Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)
Class II Movement Capabilities - 40 or 50% Compression or Extension (See Item 4)	FH Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)
L Rating at Ambient - Less Than 1 CFM/sq ft	FTH Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)
L Rating at 400°F - Less Than 1 CFM/sq ft	Nominal Joint Widths - 1-1/2 and 2-1/2 In. (See Item 4)
	Class II Movement Capabilities - 40 or 50% Compression or Extension (See Item 4)
	L Rating at Ambient - Less Than 1 CFM/sq ft
	L Rating at 400°F - Less Than 1 CFM/sq ft



1. **Floor Assembly -** The fire-rated fluted steel deck/concrete floor assembly shall be constructed of the materials and in the manner described in the individual D900 Series Floor-Ceiling Design in the UL Fire Resistance Directory. The hourly fire rating of the floor assembly shall be equal to or greater than the hourly fire rating of the wall assembly. The floor assembly shall include the following construction features:
   A. **Steel Floor and Form Units* -** Max 3 in. (76 mm) deep galv steel fluted floor units.
   B. **Concrete -** Min 2-1/2 in. (64 mm) thick reinforced concrete, as measured from the top plane of the floor units.

1A. **Roof Assembly -** (Not Shown) - As an alternate to the floor assembly (Item 1), a fire rated fluted steel deck roof assembly may be used. The roof assembly shall be constructed of the materials and in the manner described in the individual P900 Series Roof-Ceiling Design in the UL Fire Resistance Directory. The hourly fire rating of the roof assembly shall be equal to or greater than the hourly fire rating of the wall assembly. The roof assembly shall include the following construction features:
   A. **Steel Roof Deck -** Max 3 in. (76 mm) deep galv steel fluted roof deck.
   B. **Roof Insulation -** Min 2-1/4 in. (57 mm) thick poured insulating concrete, as measured from the top plane of the steel roof deck.

2. **Through Penetrant -** (Optional) - Max one penetrant per flute to be installed parallel and centered within the flutes of the steel deck. Penetrants installed with a min annular space of 1/2 to 1-2/ in. in. (13-38 mm) between the penetrant and the steel deck. Penetrant to be rigidly supported on both sides of wall assembly. The following types and sizes of penetrants may be used:

   A. **Conduit -** Nom 1/2 in. diam (or smaller) steel electrical metallic tubing (EMT) or steel conduit.
   B. **Conduit -** Nom 1-1/2 in. diam (or smaller) Schedule 40 PVC conduit.
   C. **Polyvinyl Chloride (PVC) Pipe -** Nom 1-1/2 in. (38 mm) diam (or smaller) Schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   D. **Chlorinated Polyvinyl Chloride (CPVC) Pipe -** Nom 1-1/2 in. (38 mm) diam (or smaller) SDR17 SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.

   When steel conduit or EMT (Item 2A) is installed in flute of steel deck, the hourly rating of the joint system is 1 hr. When nonmetallic penetrates (Items 2B, 2C and 2D) are installed in flute of steel deck, the hourly rating of the joint system is equal to the hourly fire rating of the wall assembly up to a max of 2 hr.

3. **Wall Assembly -** 1, 2, 3 or 4 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U400, V400, or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Steel Floor and Ceiling Runners -** Floor and ceiling runners of wall assembly shall consist of galv steel channels sized to accommodate steel studs. When deflection channel (Item 4A) is used, flange height of ceiling runner is to be equal to or greater than flange height of deflection channel and the ceiling runner is to nest within the deflection channel with a 1/2 to 3/4 in. (13 to 19 mm) gap maintained between the top of the ceiling runner and the top of the deflection channel. When deflection channel is not used, flange height of ceiling runner shall be min 1/4 in. (6 mm) greater than max extended joint width. Ceiling runner installed perpendicular to direction of fluted steel deck and secured with steel masonry anchors or welds spaced max 24 in. (610 mm) OC.

   A1. **Light Gauge Framing* - Slotted Ceiling Runner -** Slotted ceiling runner may be used as an alternate to the ceiling runner in Item 3A. Slotted ceiling runner to consist of galv steel channel with slotted flanges sized to accommodate steel studs (Item 3B). Ceiling runner installed perpendicular to direction of fluted steel floor or roof deck and secured to valleys with steel masonry anchors spaced max 24 in. (610 mm) OC. When slotted ceiling runner is used, deflection channel (Item 4A) shall not be used.
   BRADY CONSTRUCTION INNOVATIONS INC, DBA SLIPTRACK SYSTEMS - SLP-TRK, SLPTRK325
   CALIFORNIA EXPANDED METAL PRODUCTS CO - CST, CST325
   CLARKDIETRICH BUILDING SYSTEMS - Type SLT, SLT-H
   MARINO/WARE, DIV OF WARE INDUSTRIES INC - Type SLT
   METAL-LITE INC - The System
   RAM SALES L L C - RAM Slotted Track
   SCAFCO STEEL STUD MANUFACTURING CO
   TELLING INDUSTRIES L L C - True-Action Deflection Track

   A2. **Light Gauge Framing* - Vertical Deflection Ceiling Runner -** When the nom joint width is less than or equal to 1 in. (25 mm), vertical deflection ceiling runner may be used as an alternate to the ceiling runner in Items 3A and 3A1., Vertical deflection ceiling runner to consist of galv steel channel with slotted vertical deflection clips mechanically fastened within runner. Slotted clips, provided with step bushings, for permanent fastening of steel studs. Vertical deflection ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 24 in. (610 mm) OC. When vertical deflection ceiling runner is used, deflection channel (Item 4A) shall not be used.

   A3. **Light Gauge Framing* - Notched Ceiling Runner -** As an alternate to the ceiling runners in Items 3A through 3A3, notched ceiling runners to consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 3B). Notched ceiling runner installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors spaced max 24 in. (610 mm) OC. When notched ceiling runner is used, deflection channel (Item 4A) shall not be used.
   OLMAR SUPPLY INC - Type SCR

   A4. **Steel Framing Members* - Sound Isolation Clips -** (Not Shown, For Max 2 hr Assembly Rating) - As an alternate attachment means for the ceiling runner to the underside of the floor or roof assembly when no deflection channel (Item 4A) is used, sound isolation clips installed in accordance with the accompanying installation instructions. Sound isolation clip installed through nom 1 in. (25 mm) diam hole in ceiling runner and attached to top of ceiling runner using four min No. 8 by 1/2 in. (13 mm) long self-tapping galv steel screws. Sound isolation clips to be installed adjacent to every stud location but not more than 24 in. (610 mm) OC and attached to the underside of floor or roof assembly using min 3/16 in. (5 mm) diam by 2-1/2 in. (64 mm) long steel masonry anchors.
   PAC INTERNATIONAL L L C - Type RSIC-U-HD

   B. **Studs -** Steel studs to be min 3-1/2 in (89 mm) wide. Studs cut 1/2 to 1-1/4 in. (13 to 32 mm) less in length than assembly height with bottom resting in and secured to floor runner. When deflection channel (Item 4A) is used, steel studs attached to ceiling runner with sheet metal screws located 1/2 in. (13 mm) below the bottom to the deflection channel. When deflection channel is not used, studs to nest in ceiling runner without attachment. When slotted ceiling runner (Item 3A1) is used, steel studs secured to slotted ceiling runner with No. 8 by 1/2 in. (13 mm) long wafer head steel screws at midheight of slot on each side of wall. When vertical deflection ceiling runner (Item 2A2) is used, steel studs secured to slotted vertical deflection clips, through the bushings, with steel screws at midheight of each slot. Stud spacing not to exceed 24 in. (610 mm) OC.
   C. **Gypsum Board* -** Gypsum board sheets installed to a min total thickness of 5/8 in., 1-1/4 in., 1-1/2 in. or 2 in. (16, 32, 38 or 51 mm) on each side of wall for 1, 2, 3 and 4 hr fire rated assemblies, respectively. Wall to be constructed in the individual U400 Series Design in the UL Fire Resistance Directory, except that a max 1 or 2 in. (25 or 51 mm) gap (See Item 4) shall be maintained between the top of the gypsum board and the bottom surface of the steel floor or roof deck . The screws attaching the gypsum board to the studs along the top of the wall shall be located 1 in. (25 mm) below the bottom of the ceiling runner. No gypsum board attachment screws shall be driven into the ceiling runner or into the optional deflection channel.
   When through penetrant (Item 2) is not used, the hourly fire rating of the joint system is equal to the hourly fire rating of the wall.

4. **Joint System - Max separation between bottom of floor or roof deck and top of gypsum board (at time of installation of joint system) is 2-1/2 in. (64 mm) for 1 and 2 hr Ratings and 1 in. (25 mm) for 3 and 4 hr Ratings. The joint system is designed to accommodate a max 50 percent compression or extension from its installed width for max 1-1/2 in. (38 mm) wide joints and a max 40 percent compression or extension from its installed width for max 2-1/2 in. (64 mm) wide joints.** The joint system shall consist of forming and fill materials, with or without a deflection channel (Item 4A), as follows:

   A. **Deflection Channel -** (Optional) - Max 2 in. (51 mm) deep min 24 gauge galv steel channel sized to accommodate ceiling runner (Item 3A). Deflection channel installed perpendicular to direction of fluted steel deck and secured to valleys with steel masonry anchors or welds spaced max 24 in. (610 mm) OC. The ceiling runner is installed within the deflection channel to maintain a 1/2 to 3/4 in. (13 to 19 mm) gap between the top of the ceiling runner and the top of the deflection channel. The ceiling runner nests inside the deflection channel without attachment.
   B. **Forming Material* -** Nom 4 pcf (64 kg/m3) mineral wool batt cut to the shape of the steel deck flute and installed into the flutes above the ceiling channel. The mineral wool batt pieces are to be stacked to a thickness approx 1 in. (25 mm) greater than the overall thickness of the wall and compressed approx 14 percent in depth thickness such that it is flush with the gypsum board surface on both sides of the wall. When sound isolation clips (Item 2A5) are used, the space between the top of the ceiling runner and the underside of the floor or roof shall be tightly packed with mineral wool batt insulation. Additional sections of mineral wool batt insulation are compressed 50 percent in thickness and installed cut edge first to completely fill the gap above the top of the gypsum board, flush with both surfaces of wall.
   INDUSTRIAL INSULATION GROUP L L C - MinWool-1200 Safing
   ROCK WOOL MANUFACTURING CO - Delta Board
   ROCKWOOL MALAYSIA SDN BHD - Safe
   ROCKWOOL - Safe
   THERMAFIBER INC - SAF

   B1. **Forming Material* -** (Optional, Not Shown) - Preformed mineral wool plugs, formed to the shape of the fluted floor units, friction fit to completely fill the flutes above the ceiling channel. The plugs shall project beyond each side of the ceiling wall assembly and be recessed from both wall surfaces to accommodate the required thickness of fill material (Item 4C). Additional forming material, described in Item 4B, to be used in conjunction with the plugs to fill the gap between the top of gypsum board and bottom of steel deck.
   THERMAFIBER INC - TopStop mineral wool deck plugs Type SAF batts

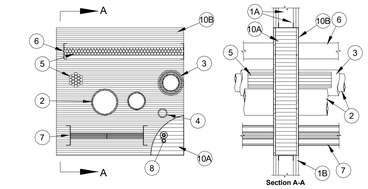
   C. **Fill, Void or Cavity Material* - Sealant -** Min 1/16 in. (1.6 mm) dry thickness (min 1/8 in. or 3.2 mm wet thickness) of fill material spray applied on each side of the wall in the flutes of the steel floor or roof deck and between the top of the wall and the bottom of the steel floor or roof deck and overlap a min 1/2 in. (13 mm) onto gypsum board on both sides of wall. Additional 1/6 in. (1.6 mm) dry thickness (1/8 in. or 3.2 mm wet thickness) of fill material shall overlap a min 1/2 in. (13 mm) onto the steel deck and steel conduit or EMT (when used) on both sides of wall.
   SPECIFIED TECHNOLOGIES INC - SpecSeal AS200 Elastomeric Spray

   *** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Classified by
Underwriters Laboratories, Inc.
to ANSI/UL 1479 (ASTM E814) and CAN/ULC S115

System No. W-L-8026

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr	F Ratings - 1 and 2 Hr
T Ratings - 0, 1/2, 1, 3/4, and 2 Hr (See Items 2, 3 and 4)	FT Ratings - 0, 1/2, 1, 3/4, and 2 Hr (See Items 2, 3 and 4)
	FH Ratings - 1 and 2 Hr
	FTH Ratings - 0, 1/2, 1, 3/4, and 2 Hr (See Items 2, 3 and 4)



1. **Wall Assembly -** The 1 or 2 hr fire rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs -** Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Additional studs to be installed horizontally to form a rectangular box around the opening.
   B. **Gypsum Board* -** Thickness, type, number of layers and fasteners as specified in the individual Wall and Partition Design. When wood studs are used, interior of through opening to be lined with sheets of gypsum board around entire periphery to a total thickness of 5/8 in. (16 mm) or 1-1/4 in. (32 mm) for 1 or 2 hr wall assemblies, respectively. Max area of opening is 7 ft2 (0.66 m2)with a max height dimension of 32 in. (813 mm).

   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. **Metallic Penetrants -** One or more metallic pipes, conduits or tubes to be installed within the opening. Annulus between penetrants is min 0 in. (point contact) to max 24 in. (609 mm). Annulus between penetrants and periphery of opening is 0 in. (point contact) to max 24 in. (609 mm). Penetrants rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A **Steel Pipe -** Nom 12 in. (305 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. **Iron Pipe -** Nom 12 in. (305 mm) diam (or smaller) cast or ductile iron pipe.
   C. **Conduit -** Nom 6 in. (152 mm) diam (or smaller) rigid steel conduit, nom 4 in. (102 mm) diam (or smaller) electrical metallic tubing (EMT), or nom 4 in. (102 mm) diam (or smaller) steel Flexible Metal Conduit.
   D **Copper Pipe or Tube -** Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe or Type M (or heavier) copper tube.

Type of Metallic Penetrant	Max Diam of Through Penetrant, in. (mm)	T Rating Hr
Steel or Iron Pipe, Conduit	12 (305)	0
Copper Pipe or Tube	6 (152)	0
Steel or Iron Pipe, Conduit or EMT	4 (102)	1/4
Steel or Iron Pipe, Conduit or EMT	2 (51)	1/2
Steel or Iron Pipe, Conduit or EMT	1 (25)	3/4

3. **Pipe Insulation -** (Optional) - One or more max 4 in. (102 mm) metallic pipes or tubes may be insulated. Annulus between penetrants is min 0 in. (point contact) to max 26 in. (660 mm). Annulus between penetrants and periphery of opening is 0 in. (point contact) to max 24 in. (609 mm). The annular space between metallic pipes, conduit and tubes and insulated pipes and tubes shall be a min 1/2 in. (13 mm) to max 24 in. (609 mm). Penetrants rigidly supported on both sides of floor or wall assembly. The following types of pipe insulation may be used.

   A. **Pipe and Equipment Covering Materials* -** Nom 1 in. (25 mm) thick hollow cylindrical heavy density (min 3.5 pcf or 56 kg/m3) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product.
   When Item 3A is used, T Rating is 3/4 Hr.
   See Pipe and Equipment Covering Materials (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
   B. **Pipe Covering Materials* -** Nom 2 in. (51 mm) thick unfaced mineral fiber pipe insulation having a nom density of 3.5 pcf (56 kg/m3) (or heavier) and sized to the outside diam of the pipe or tube. Pipe insulation secured with min 8 AWG steel wire spaced max 12 in. (305 mm) OC. **When Item 3B is used, T Rating is 2 Hr.**
   INDUSTRIAL INSULATION GROUP L L C - High Temperature Pipe Insulation 1200, High Temperature Pipe Insulation BWT and High Temperature Pipe Insulation Thermaloc
   C. **Sheathing Material* -** Use in conjunction with Item 3B. Foil-scrim-kraft or all service jacket material shall be wrapped around the outer circumference of the pipe insulation (Item 3B) with the kraft side exposed. Longitudinal and transverse joints sealed with metal fasteners or butt tape.
   See **Sheathing Materials** (BVDV) category in the Building Materials Directory for names of manufacturers. Any sheathing material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
   D **Tube Insulation - Plastics# -** Nom 3/4 in. (19 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing. **When Item 3D is used, T Rating is 1/2 Hr.**
   See **Plastics** (QMFZ2) category in the Plastics Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation meeting the above specifications and having a UL 94 Flammability Classification of 94-5VA may be used.
   E **Pipe Covering Materials* - Cellular Glass Insulation -** Nom 2 to 3 in. (51 to 76 mm) thick cellular glass units sized to the outside diam of the pipe or tube and supplied in nom 24 in. (610 mm) long half sections or nom 18 in.(457 mm) long segments. Pipe insulation installed on pipe in accordance with the manufacturer's instructions. **When Item 3E is used, T Rating is 2 Hr.**
   PITTSBURGH CORNING CORP - FOAMGLAS
   F **Metal Jacket -** Used in conjunction with Item 3E. Min 12 in. (305 mm) long jacket formed from min 0.010 in. (0.25 mm) thick aluminum sheet cut to wrap tightly around the pipe insulation with a min 2 in. (51 mm) lap and secured using bands and seals of a similar material or min No. 18 AWG steel tie wire. Bands or steel tie wire to be located within 2 in. (51 mm) of each end of the jacket and spaced max 10 in. (254 mm) OC. Jacket installed with edge abutting surface of fill material (Item 9A) on both surfaces of wall. Metal jacket to be used in addition to any other jacketing material which may be required on the pipe covering.
   G. **Pipe and Equipment Covering Materials* -** Nom 2 to 3 in. (51 to 76 mm) thick hollow cylindrical calcium silicate (min 14 pcf or 224 kg/m3) units sized to the outside diam of the pipe or tube. Pipe insulation secured with stainless steel bands or min 8 AWG stainless steel wire spaced max 12 in. (305 mm) OC. **When Item 3G is used, T Rating is 2 Hr.**

4. **Nonmetallic Penetrants -** One or more nonmetallic pipes, conduits or tubes to be installed within the opening. Annulus between penetrants and periphery of opening is min 1 in. (25 mm) to max 24 in. (609 mm). Separation between metallic and nonmetallic penetrants is min 6 in. (152 mm). Penetrants rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes, conduits or tubing may be used:
   A. **Polyvinyl Chloride (PVC) Pipe -** Nom 2 in. (51 mm) diam (or smaller) solid or cellular core Schedule 40 PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe -** Nom 2 in. (51 mm) diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.
   C. **Rigid Nonmetallic Conduit+ -** Nom 2 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with the National Electrical Code (NFPA 70).
   D. **Electrical Nonmetallic Tubing (ENT)+ -** Nom 2 in. (51 mm) diam (or smaller) corrugated wall ENT formed of polyvinyl chloride (PVC) installed in accordance with the National Electrical Code (NFPA 70).
   E. **Optical Fiber Raceway+ -** Nom 2 in. (51 mm) diam (or smaller) optical fiber raceway (innerduct). Optical fiber raceway installed in accordance with the National Electrical Code (NFPA 70).
   When Item 4 is used, the T Rating of the firestop system is 2 hr.

5. **Cables -** Nom 4 in. (102 mm) diam (or smaller) tight bundle of cables. Annulus between cable bundle and periphery of opening is min 0 in. (point contact) to max 24 in. (609 mm). Separation between cable bundle and metallic or nonmetallic penetrants shall be min 6 in. (152 mm). Cable bundle rigidly supported on both sides of wall assembly. The following types and sizes of cables may be used:
   A. Max 1/C - 1000 kcmil cable with plenum rated, polyvinyl chloride (PVC) or cross-linked polyethylene (XLPE) insulation and jacket.
   B. Max 7/C - No. 12 AWG cable with PVC-nylon insulation and PVC jacket.
   C. Max 400 pair - No. 24 AWG copper conductor telephone cable with plenum rated or PVC insulation and jacket.
   D. Max RG/U coaxial cables with plenum rated or fluorinated ethylene jacket and insulation.
   E. Multiple fiber optic cables with plenum rated or PVC insulation.
   F. **Through Penetrating Product* -** Any cables, Armored Cable+ or Metal Clad Cable+ currently Classified under the **Through Penetrating Product category.**

   See **Through Penetrating Product** (XHLY) category in the Fire Resistance Directory for names of manufacturer.

   When cables are used, T Rating is 1/2 hr.

6. **Cable Tray -** Max 30 in. (762 mm) wide by max 6 in. (152 mm) deep open ladder cable tray with channel-shaped side rails formed from min 0.060 in. (1.5 mm) thick (No. 16 MSG) galv steel or min 0.060 in. (1.5 mm) thick aluminum with rungs spaced max 9 in. (229 mm) OC.. A max of two cable trays may be installed within the opening with a min vertical separation of 4 in. (102 mm) and a min horizontal separation of 1/4 in. (6 mm) between trays. Max vertical or horizontal separation is 24 in. (609 mm). Annulus between the cable tray and the periphery of the opening is min 0 in. (point contact) to max 24 in. (609 mm). Separation between cable tray and metallic or nonmetallic penetrants is min 6 in. (152 mm). Cable trays to be rigidly supported on both sides of the wall assembly. Aggregate cross-sectional area of cables in cable tray not to exceed 40 percent of the cross-sectional area of the cable tray based on a max 3 in. (76 mm) cable loading depth within tray. Any combination of the cable types specified in Item 5 may be used. **When cable tray is used, T Rating is 1/2 hr.**

7. **Busway+ -** Nom 19 in. (483 mm) wide (or smaller) by 6 in. (152 mm) deep "I" shaped aluminum enclosure containing factory-mounted copper bars rated for 600 V, 5000 A or max 26 in. (660 mm) wide by max 6 in. (152 mm) deep "I" shaped aluminum enclosure containing factory-mounted aluminum bars rated for 600 V, 4000 A. . A max of two busways may be installed within the opening with a min separation of 1 in. (25 mm) to max 24 in. (609 mm). The annular space between the busway and the periphery of the opening shall be a min 0 in. (point contact) to a max 24 in. (609 mm). Busways spaced min 6 in. (152 mm) from all other penetrants. Busway to be rigidly supported on both sides of wall assembly. The busway shall bear the UL Listing Mark and shall be installed in accordance with all provisions of the National Electrical Code, NFPA 70. **When busway is used, the T Rating is 1/4 hr.**

8. **Air Conditioning (AC) Line Set -** One or more AC line sets installed within opening. Each AC line set consists of two pipes or tubes (Item 8A), tubing insulation (Item 8B) and a thermostat cable (Item 8C). The space between the AC line sets shall be min 2 in. (51 mm). The space between the AC line sets and the periphery of the opening shall be min 0 in. (point contact) to max 24 in. (609 mm). The AC line sets shall be spaced min 6 in. from uninsulated metallic penetrants and shall be rigidly supported on both sides of the wall assembly.

8A. **Through Penetrant -** A max of two pipes or tubes to be installed in each AC line set. Of the two pipes or tubes, only one may have a nom diam greater than 1/2 in. (13 mm). The following types and sizes of through penetrants may be used:
   A. **Steel Pipe -** Nom 1 in. (25 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
   B. **Iron Pipe -** Nom 1 in. (25 mm) diam (or smaller) cast or ductile iron pipe.
   C. **Copper Pipe -** Nom 1 in. (25 mm) diam (or smaller) Regular (or heavier) copper pipe.
   D. **Copper Tube -** Nom 1 in. (25 mm) diam (or smaller) Type L (or heavier) copper tube.

8B. **Tube Insulation - Plastics# -** Nom 3/4 in. (19 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing. The tube insulation may be installed on one max 3/4 in. (19 mm) diam pipe or tube in each AC line set. The space between the insulated and non-insulated pipes or tubes within each AC line set shall be 0 in. (point contact).
   See **Plastics** (QMFZ2) category in the Plastics Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation meeting the above specifications and having a UL 94 Flammability Classification of 945VA may be used.

8C. **Cable -** One 4 pair No. 18 AWG (or smaller) thermostat cable with polyvinyl chloride (PVC) insulation and jacket materials may be installed with each AC line set.
   When Item 8 is used, the T Rating of the firestop system is 1/4 hr.

9. **Steel Duct -** (Not Shown) - Nom 12 in. (305 mm) diameter (or smaller) No. 30 GA (or heavier) steel duct installed within opening when opening contains no cables or cable tray. A max of two steel ducts may be installed within the through-opening. Ducts to be spaced min 4 in. (102 mm) apart and min 8 in. (203 mm) from insulated penetrants and nonmetallic penetrants. Annulus between the steel duct and the periphery of the opening shall be min 0 in. (point contact) to max 24 in. (0 to 609 mm). Steel ducts to be rigidly supported on both sides of wall assembly. **When steel duct is used, the T Rating is 0 hr.**

10. **Firestop System -** The firestop system shall consist of the following items:
   A. **Packing Material -** Min 4 pcf (64 kg/m3) mineral wool batt insulation tightly packed into opening to full depth of the wall. Packing material recessed from both surfaces of wall to accommodate the required thickness of fill material.
   B. **Fill, Void or Cavity Materials*-Sealant -** Min 1/2 in. (13 mm) depth of fill material applied within the annulus, flush with both surfaces of the wall assembly. Additional fill material forced into interstices of grouped cables and grouped cables within cable trays. At point contact location between through penetrant and gypsum wallboard, a min 3/8 in. (10 mm) diam bead of fill material shall be applied at through penetrant/gypsum board interface on both surfaces of the wall.
   SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

   *** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

   #Bearing the UL Recognized Components Mark

   +Bearing the UL Listing Mark

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

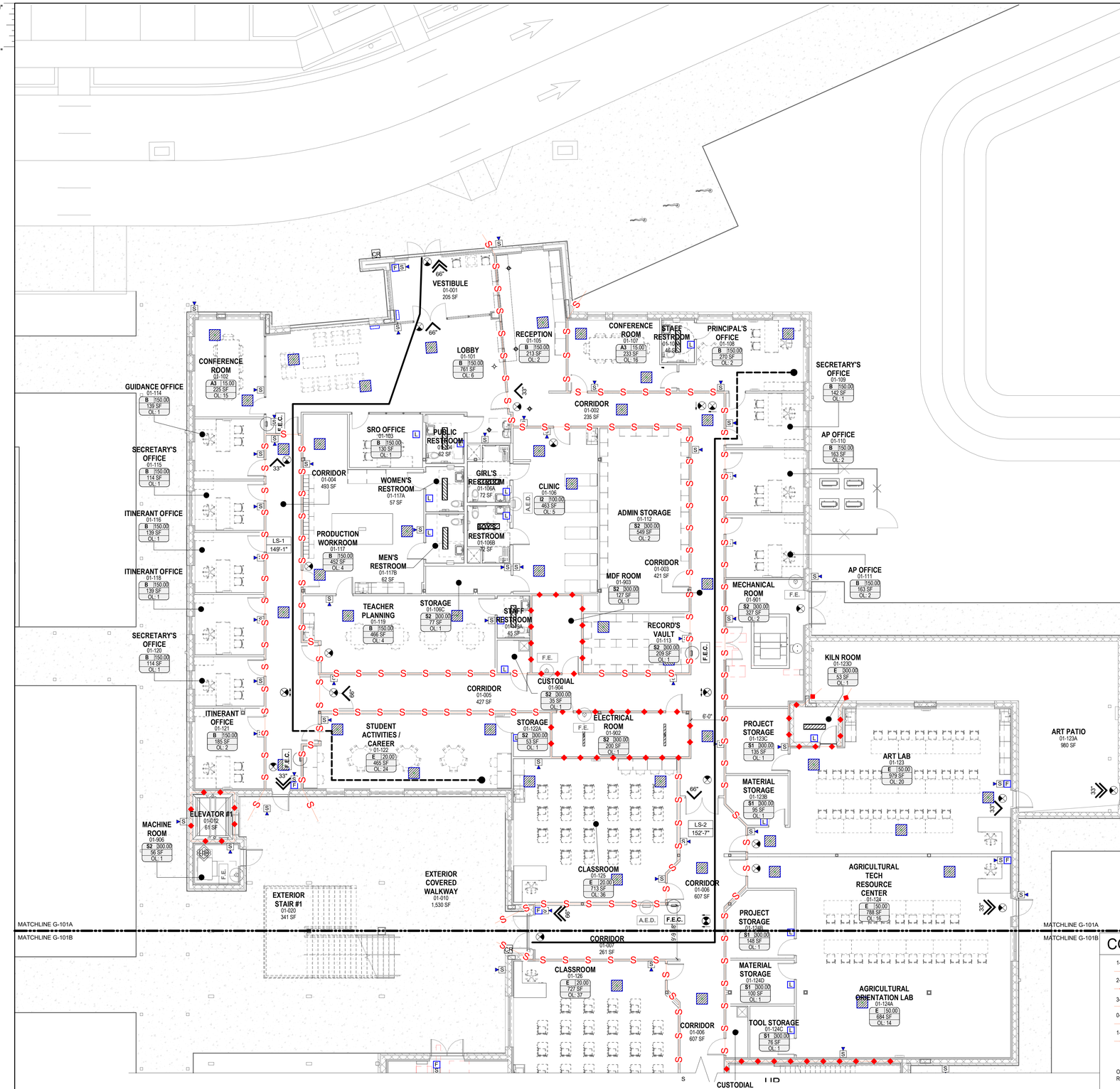
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VOLUME NO. 1

UL ASSEMBLY DETAILS

G-032

BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA A
G-101A



01 BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA A
1/8" = 1'-0"

PROJECT GENERAL INFORMATION

NAME OF PROJECT:	MURRAY MIDDLE SCHOOL MODERNIZATION
BUILDING / FACILITY NAME:	BUILDING #01
LOCATION (ADDRESS):	4400 SE MURRAY STREET
STATE, ZIP CODE:	STUART, FLORIDA 34997
DESCRIPTION OF PROJECT:	REPLACEMENT ADMIN, MEDIA CENTER, & CLASSROOM BUILDING
AUTHORITY HAVING JURISDICTION:	MARTIN COUNTY SCHOOL DISTRICT
APPLICABLE BUILDING CODE:	FLORIDA BUILDING CODE, 8TH EDITION (2023) FLORIDA FIRE PREVENTION CODE, 8TH EDITION (2023) FLORIDA BUILDING CODE - MECHANICAL, 8TH EDITION (2023) FLORIDA BUILDING CODE - PLUMBING, 8TH EDITION (2023) FLORIDA BUILDING CODE - ELECTRICAL, 8TH EDITION (2023)
APPLICABLE ENERGY CODE:	FLORIDA BUILDING CODE - ENERGY CONSERVATION, 8TH EDITION (2023)
ACCESSIBILITY:	FLORIDA BUILDING CODE - ACCESSIBILITY, 8TH EDITION (2023)
CONSTRUCTION TYPE:	TYPE II B
CONSTRUCTION TYPE MIX:	NOT APPLICABLE
OCCUPANCY CLASSIFICATION:	EDUCATIONAL
OVERALL USE OF BUILDING:	EDUCATIONAL
HIGH RISE BUILDING:	NO
AUTOMATIC FIRE SPRINKLER SYSTEM:	YES
STANDPIPE SYSTEM:	YES
MINIMUM CORRIDOR WIDTH (RE. FBC):	72"
GROSS BUILDING SQ FT:	39,586 SQ FT.
NET BUILDING SQ FT:	36,974 SQ FT.
OCCUPANT LOAD:	799 OCCUPANTS

OCCUPANCY AND EGRESS

	Number of Occupants	Exits		Egress Door Width (in.)		Egress Stair Width (in.)	
		Single Exit Maximum Occupant Load: 49		Means of Egress Capacity Factor: 0.2 in.		Stairway Means of Egress Capacity Factor: 0.3in.	
		Required	Provided	Required	Provided	Required	Provided
First Floor	426	2	5	86"	495"	N/A	N/A
Second Floor	373	2	2	75"	147"	112"	146"

PLUMBING / FIXTURE COUNTS

		Water Closets + Urinals		Lavatories		Drinking Fountains		Bathtubs/Showers		Service Sinks	
Occupancy Type:E	Occupants	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
Total Occupants:	799	-	-	-	-	8	10	-	2	1	3
Total Female Occupants:	400	8	11	8	11	-	-	-	-	-	-
Total Male Occupants:	400	8	11	8	11	-	-	-	-	-	-

ALLOWABLE HEIGHTS AND AREAS - EDUCATIONAL OCCUPANCY

	1st Occupancy Info	Provided
Occupancy Classification	E	-
Allowable Height in Feet	75'	35.25'
Allowable Height Stories	3	2
Non-Sprinklered Allowable Area (SF)	14500	-
Tabular Allowable Area (SF)	43,500	-
Frontage Increase (XX)	0.25	-
Total Allowable Area per Story (SF)	47,125	23,902
Maximum Common Path (With Sprinkler)	75'-0"	58'-4"
Maximum Exit Access Travel Distance (With Sprinkler)	200'-0"	190'-10"
Corridor Fire Resistance Rating	0hr.	0hr.

FIRE-RATED ASSEMBLIES

ROOF ASSEMBLY	UL P921
FLOOR ASSEMBLY	UL D780
TUBE STEEL COLUMNS	UL X771
STUD FRAMED WALL	UL U465
STUD FRAMED SHAFTWALL	UL U415
CMU WALL	UL U905

1. UL ASSEMBLIES INDICATED ESTABLISH A BASIS OF PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT THE DISCRETION OF THE ARCH. IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES REQUIRED TO ALL COMPONENTS OF THE ASSEMBLY.

2. PROTECT ALL CONDUIT, PIPES, DUCTS, AND MISC. PENETRATIONS THROUGH FIRE-RATED WALLS, FLOOR, AND OR ROOF ASSEMBLIES WITH FIRE SAFING INSULATION AND FIRE STOP SEALANT. REFER TO GUIDELINES FOR APPROPRIATE ASSEMBLIES.

3. PROVIDE DAMPERS AND OR LIGHT FIXTURE PROTECTION AS REQUIRED BY UL ASSEMBLIES.

4. PROVIDE SPRAY-ON FIREPROOFING PROTECTION FOR STRUCTURAL MEMBERS CROSSING FROM A FIRE-RATED ROOF ASSEMBLY AND OR A FIRE-RATED FLOOR ASSEMBLY INTO OTHER AREAS WITH ANY OTHER FIRE-RATED ASSEMBLY OR NO FIRE-RATED ASSEMBLY, FOR THEIR FULL LENGTH.

5. PERMANENTLY MARK FIRE RATED WALLS ABOVE CEILINGS AS FOLLOWS:
"FIRE-RATED WALL - PROTECT ALL OPENINGS"
LETTERS SHALL BE RED IN COLOR AND A MINIMUM OF 2 1/2 INCHES IN HEIGHT. PROVIDE A MINIMUM OF ONE MARKING PER STRUCTURAL BAY.

6. PERMANENTLY MARK SMOKE PARTITIONS ABOVE CEILINGS AS FOLLOWS:
"SMOKE PARTITION - SEAL ALL OPENINGS"
LETTERS SHALL BE RED IN COLOR AND A MINIMUM OF 2 1/2 INCHES IN HEIGHT. PROVIDE A MINIMUM OF ONE MARKING PER STRUCTURAL BAY.

FIRE-RATED FLOOR AND CEILING LEGEND

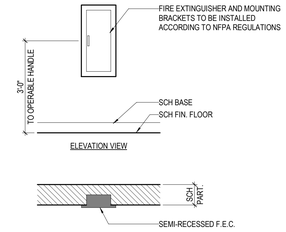
2 HOUR RATED UL FLOOR/ CEILING ASSEMBLY

1 HOUR RATED UL FLOOR/ CEILING ASSEMBLY

NOT RATED STRUCTURE HIGHER THAN 20' A.F.F.

CODE ANALYSIS SYMBOLS

1-HOUR FIRE RATING
2-HOUR FIRE RATING
3-HOUR FIRE RATING
0-HOUR SMOKE RATING
1-HOUR SMOKE RATING
2HR RATED FLOOR (UL D902)
EGRESS TRAVEL PATH
EGRESS COMMON PATH OF TRAVEL
LS-1 / 150' - 0" — TRAVEL DISTANCE NAME / TRAVEL DISTANCE LENGTH
EXIT SIGN
OCCUPANCY TYPE / ROOM AREA — Area Name / A-3 100.0 / 150 SF / OL:00000 — FUNCTION OF SPACE / LOAD FACTOR / OCCUPANT LOAD FOR ROOM (NET FUNCTIONS ONLY)
33" POINT OF *EXIT ACCESS* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
33" POINT OF *EXIT DISCHARGE* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
A.E.D. AUTOMATED EXTERNAL DEFIBRILLATOR
F.E.C. FIRE EXTINGUISHER CABINET
FH PROPOSED FIRE HYDRANT
F.E. FIRE EXTINGUISHER
EMERGENCY LIGHT
FIRE HOSE COVERAGE
S FIRE ALARM SPEAKER / STROBE
L FIRE ALARM STROBE LIGHT ONLY
F FIRE ALARM PULL STATION



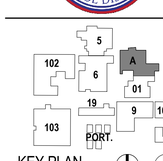
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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

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VOLUME NO. 1

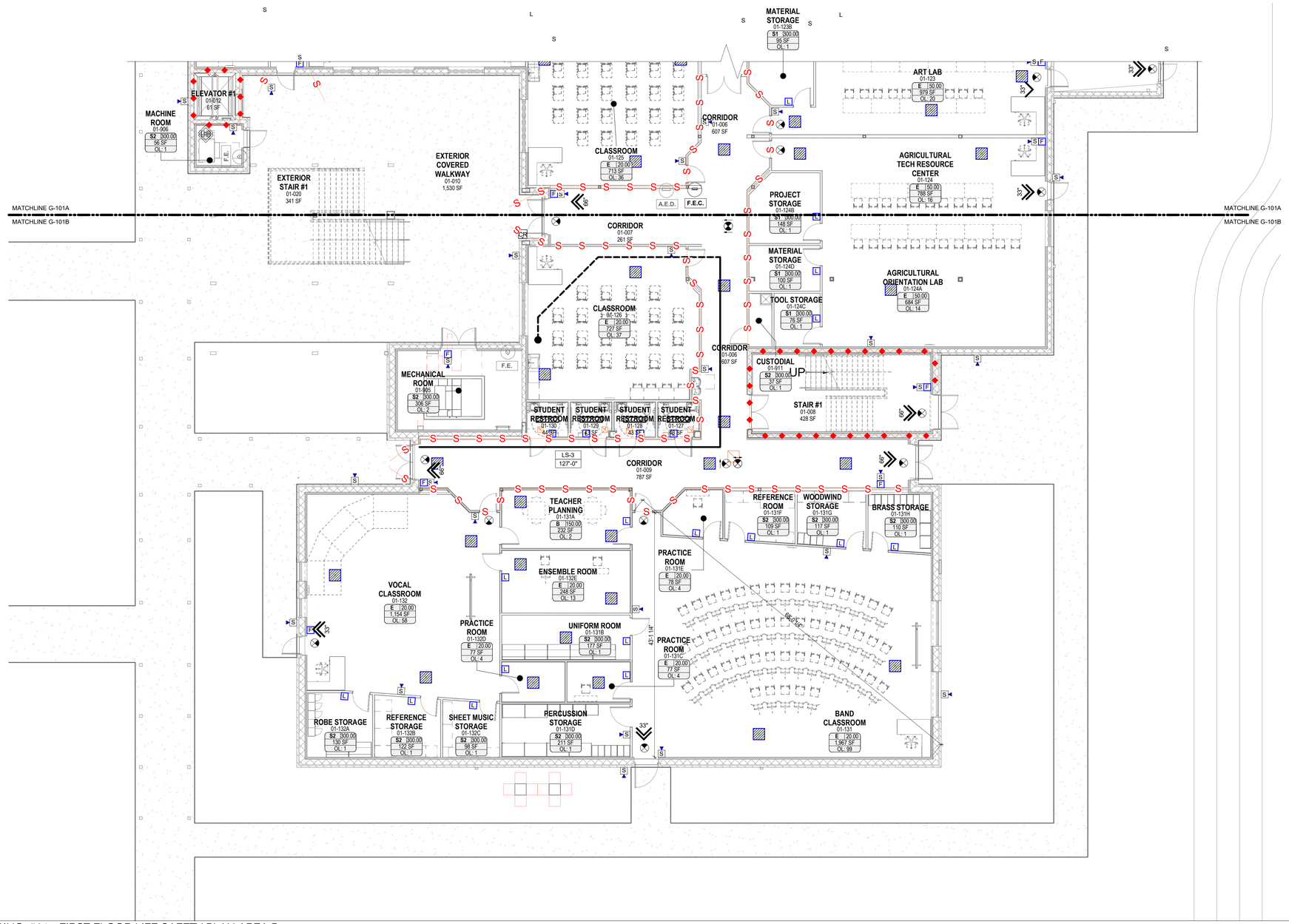
BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA A

G-101A

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BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA B
G-101B



CODE ANALYSIS SYMBOLS

- 1-HOUR FIRE RATING
- 2-HOUR FIRE RATING
- 3-HOUR FIRE RATING
- 0-HOUR SMOKE RATING
- 1-HOUR SMOKE RATING
- 2HR RATED FLOOR (UL D902)
- EGRESS TRAVEL PATH
- EGRESS COMMON PATH OF TRAVEL
- LS-1 / 150' - 0" — TRAVEL DISTANCE NAME / TRAVEL DISTANCE LENGTH
- EXIT SIGN
- Area Name / OCCUPANCY TYPE / ROOM AREA — A-3 100.0 / 150 SF / OL 00000 — FUNCTION OF SPACE / LOAD FACTOR / OCCUPANT LOAD FOR ROOM (NET FUNCTIONS ONLY)
- 33" POINT OF *EXIT ACCESS* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- 33" POINT OF *EXIT DISCHARGE* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- A.E.D. AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. FIRE EXTINGUISHER CABINET
- FH PROPOSED FIRE HYDRANT
- F.E. FIRE EXTINGUISHER
- EMERGENCY LIGHT
- FIRE HOSE COVERAGE
- S FIRE ALARM SPEAKER / STROBE
- L FIRE ALARM STROBE LIGHT ONLY
- F FIRE ALARM PULL STATION

01 BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA B
1/8" = 1'-0"

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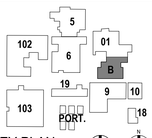
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA · ANTONIO MIRAGAYA · AR102545 · REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

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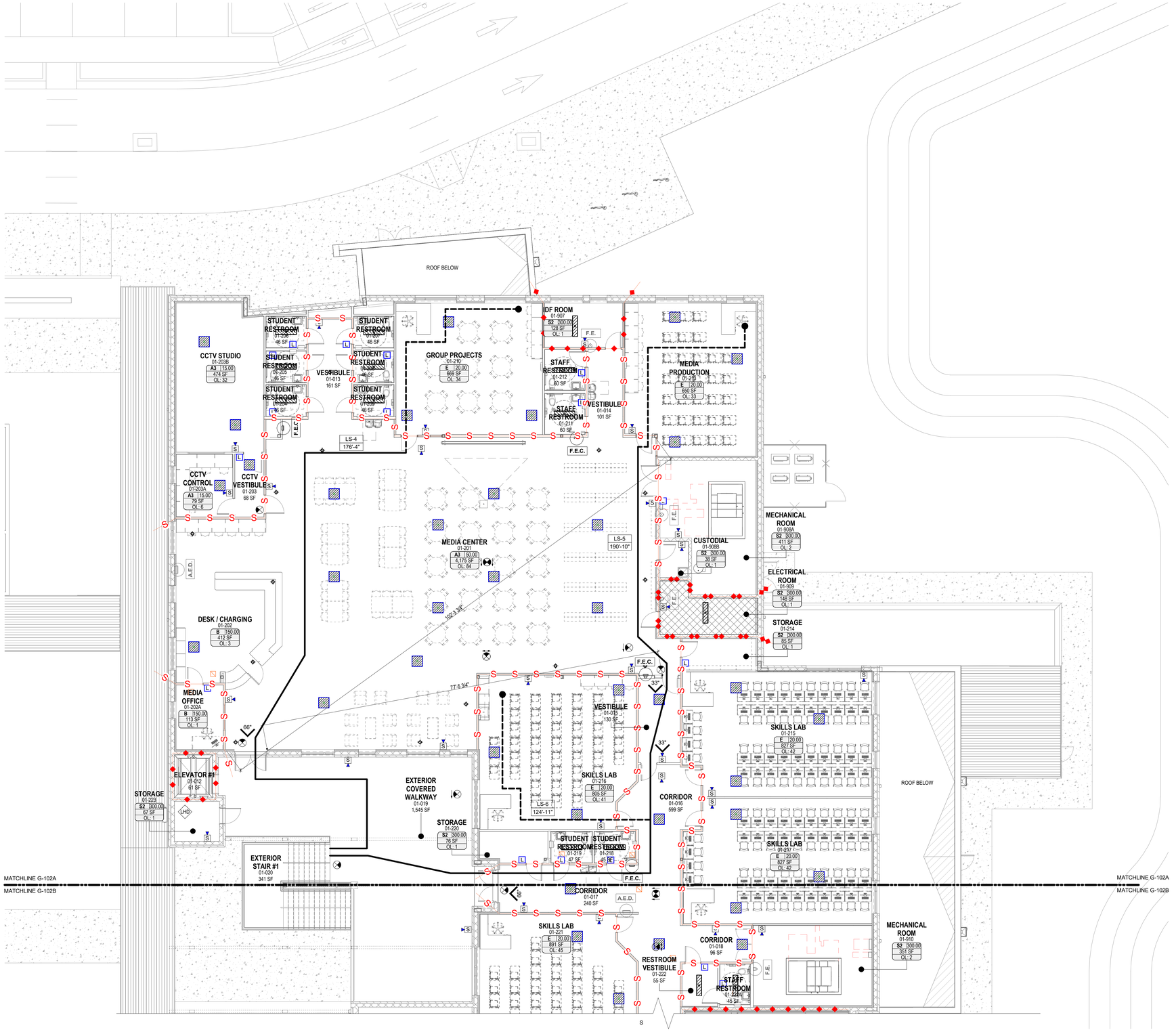
VOLUME NO. 1

BUILDING #01 - FIRST FLOOR LIFE SAFETY PLAN AREA B

G-101B

BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA A
G-102A

0"
1"



01 BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA A
1/8" = 1'-0"

CODE ANALYSIS SYMBOLS

- 1-HOUR FIRE RATING
- 2-HOUR FIRE RATING
- 3-HOUR FIRE RATING
- 0-HOUR SMOKE RATING
- 1-HOUR SMOKE RATING
- 2HR RATED FLOOR (UL D902)
- EGRESS TRAVEL PATH
- EGRESS COMMON PATH OF TRAVEL
- LS-1 / 150' - 0" — TRAVEL DISTANCE NAME / TRAVEL DISTANCE LENGTH
- EXIT SIGN
- Area Name / OCCUPANCY TYPE / ROOM AREA — A-3 100.0 / 150 SF / OL 00000 — FUNCTION OF SPACE / LOAD FACTOR / OCCUPANT LOAD FOR ROOM (NET FUNCTIONS ONLY)
- 33" POINT OF *EXIT ACCESS* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- 33" POINT OF *EXIT DISCHARGE* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- A.E.D. AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. FIRE EXTINGUISHER CABINET
- FH PROPOSED FIRE HYDRANT
- F.E. FIRE EXTINGUISHER
- EMERGENCY LIGHT
- FIRE HOSE COVERAGE
- S FIRE ALARM SPEAKER / STROBE
- L FIRE ALARM STROBE LIGHT ONLY
- F FIRE ALARM PULL STATION

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

5 / 102 / 6 / A / 01 / 19 / 103 / 9 / 10 / 18 / PORT.

KEY PLAN

NORTH: PLAN TRUE

STATE OF FLORIDA — ANTONIO MIRAGAYA — AR102545 — REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

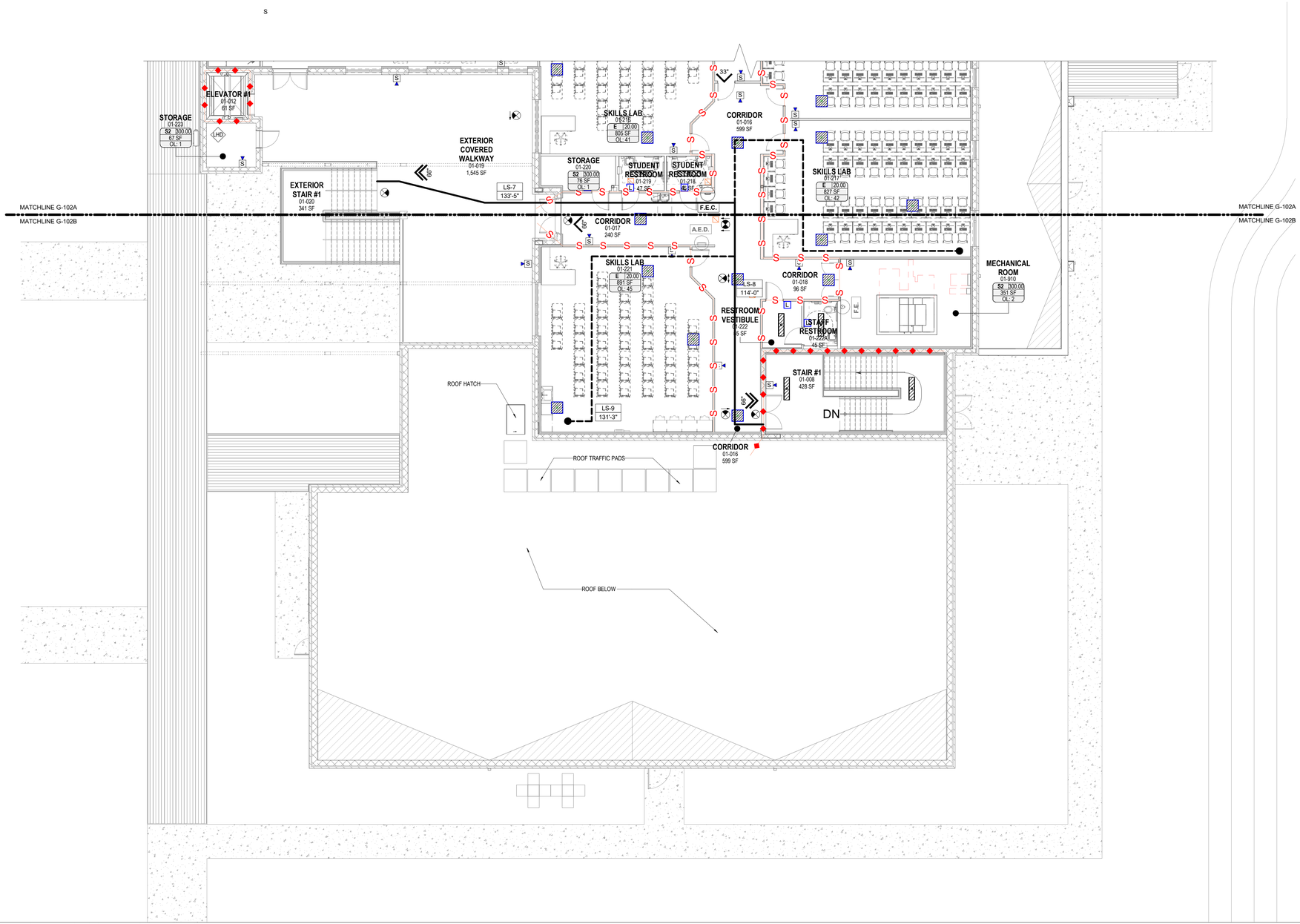
VOLUME NO. 1

BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA A

G-102A

BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA B
G-102B

0"
1"



01 BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA B
1/8" = 1'-0"

CODE ANALYSIS SYMBOLS

- 1-HOUR FIRE RATING
- 2-HOUR FIRE RATING
- 3-HOUR FIRE RATING
- 0-HOUR SMOKE RATING
- 1-HOUR SMOKE RATING
- 2HR RATED FLOOR (UL D902)
- EGRESS TRAVEL PATH
- EGRESS COMMON PATH OF TRAVEL
- LS-1 / 150' - 0" — TRAVEL DISTANCE NAME / TRAVEL DISTANCE LENGTH
- EXIT SIGN
- Area Name / OCCUPANCY TYPE / ROOM AREA — FUNCTION OF SPACE / LOAD FACTOR / OCCUPANT LOAD FOR ROOM (NET FUNCTIONS ONLY)
- POINT OF *EXIT ACCESS* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- POINT OF *EXIT DISCHARGE* WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- A.E.D. — AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. — FIRE EXTINGUISHER CABINET
- FH — PROPOSED FIRE HYDRANT
- F.E. — FIRE EXTINGUISHER
- EMERGENCY LIGHT
- FIRE HOSE COVERAGE
- S — FIRE ALARM SPEAKER / STROBE
- L — FIRE ALARM STROBE LIGHT ONLY
- F — FIRE ALARM PULL STATION

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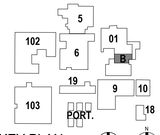
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA — ANTONIO MIRAGAYA — AR102545 — REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT: MARTIN COUNTY SCHOOL DISTRICT
DATE: 2026/05/25 | PROJECT NUMBER: 25064.00

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VOLUME NO. 1

BUILDING #01 - SECOND FLOOR LIFE SAFETY PLAN AREA B

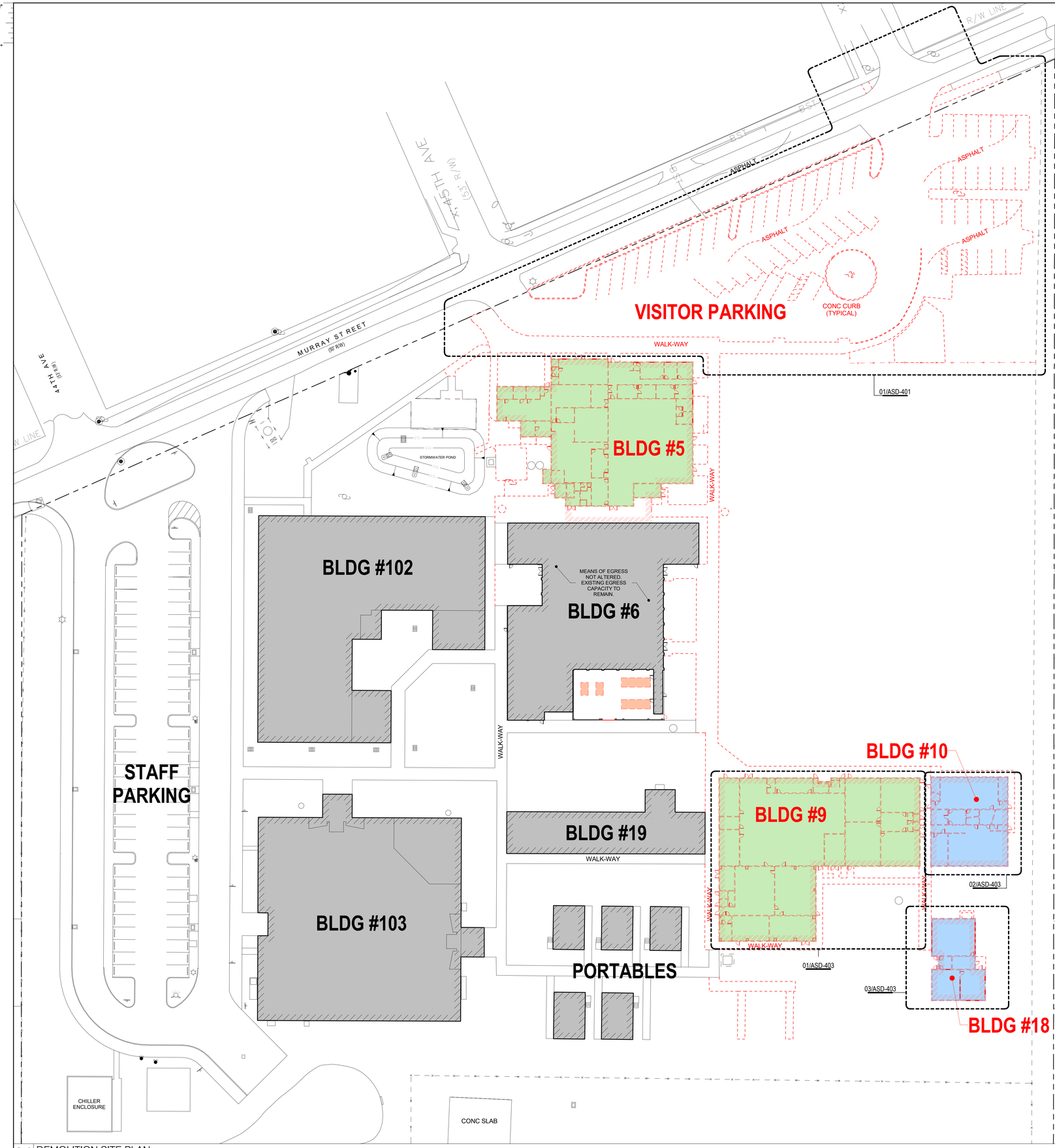
G-102B

Plot Stamp:
5/29/2026 11:19:55 AM

HB ESTIMATING REC'D 06.01.2026

DEMOLITION SITE PLAN
ASD-101

0"
1"



01 DEMOLITION SITE PLAN
1/32" = 1'-0"

GENERAL SITE DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR
7. CONTRACTOR SHALL NOT SCALE DRAWINGS.
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
9. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK.
10. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
11. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
12. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
13. CONTRACTOR SHALL REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND OR PARKING AREAS DAMAGED, MODIFIED, AND OR DISTURBED BY DEMOLITION WORK AT NO COST TO THE OWNER.
14. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
15. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AS NECESSARY AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
16. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
17. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
18. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
19. CONTRACTOR SHALL RELOCATE UTILITIES AND EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL, PLUMBING, AND TECHNOLOGY REQUIREMENTS FOR NEW WORK.
20. PROTECT EXISTING SITE ELEMENTS AND EXISTING LANDSCAPING TO REMAIN. PROTECTION SHALL INCLUDE BUT NOT BE LIMITED TO EXISTING TREES AND OTHER EXISTING VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
21. CONTRACTOR SHALL REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
22. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
23. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
24. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
25. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
26. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
27. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
28. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
29. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITIES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR, INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
30. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
31. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
32. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
33. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
34. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
35. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
36. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
37. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
- DEMO CHAINLINK FENCE
- DEMO ENTIRE FACILITY (FOUNDATION, STRUCTURE, WALLS, ROOFS)
- DEMO ORNAMENTAL FENCE
- DEMO DOOR
- DEMO WALL
- DEMO WINDOW

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FL FIRM: AR 0013140

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

5 | 102 | 6 | 01 | 19 | 103 | PORT. | 9 | 10 | 18

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
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VOLUME NO. 1

DEMOLITION SITE PLAN

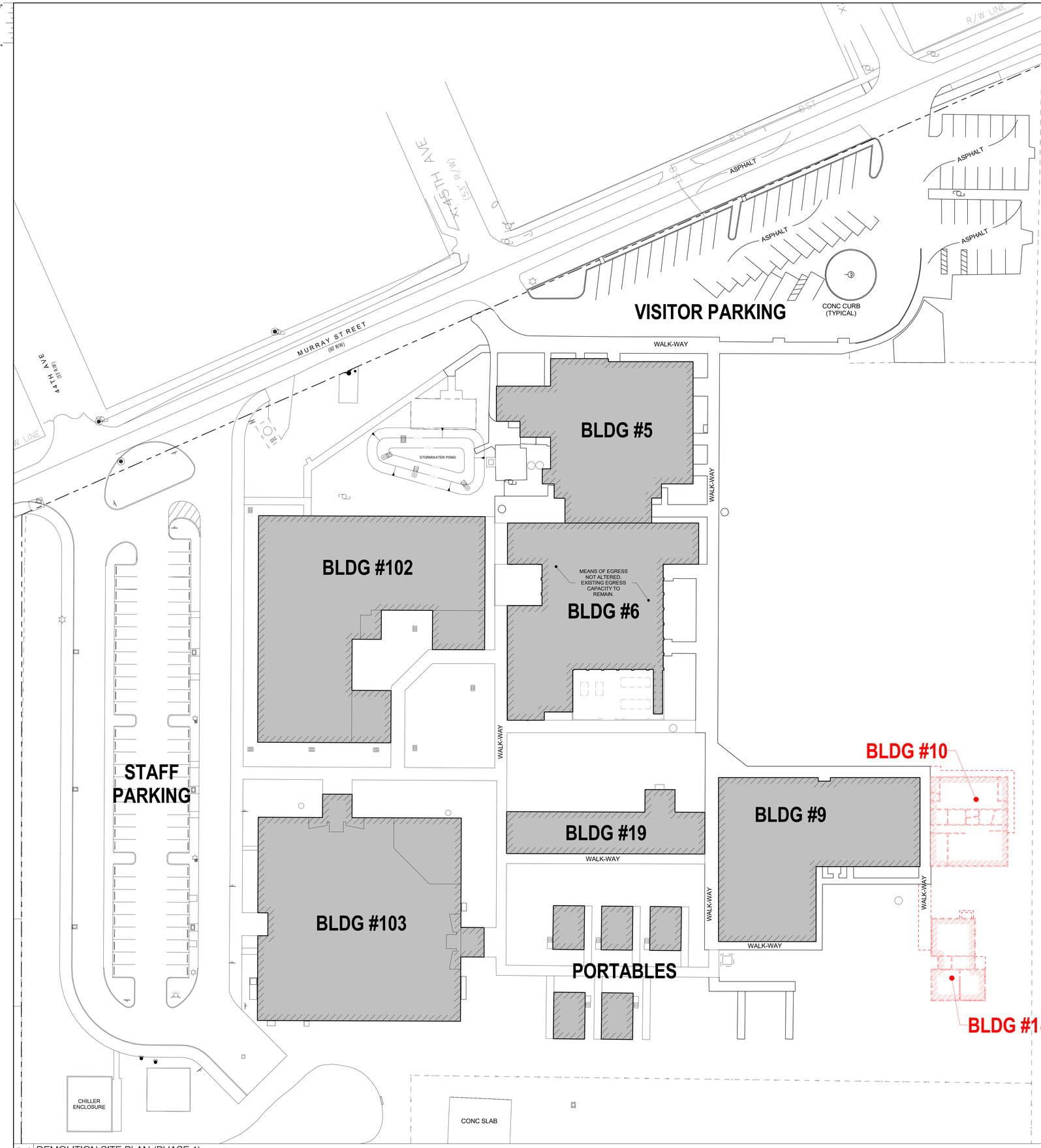
ASD-101

Plot Stamp:
5/29/2026 11:20:42 AM

HB ESTIMATING REC'D 06.01.2026

DEMOLITION SITE PLAN (PHASE 1)
ASD-102

0"
1"



01 DEMOLITION SITE PLAN (PHASE 1)
1/32" = 1'-0"

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31. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
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33. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
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SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
- DEMO CHAINLINK FENCE
- DEMO ENTIRE FACILITY (FOUNDATION, STRUCTURE, WALLS, ROOFS)
- DEMO ORNAMENTAL FENCE
- DEMO DOOR
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- DEMO WINDOW

PBK
WEST PALM BEACH, FL 561-478-4457
FL FIRM: AR 0013140
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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

5
102
6
01
19
9
10
103
PORT.
18

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

DEMOLITION SITE PLAN (PHASE 1)

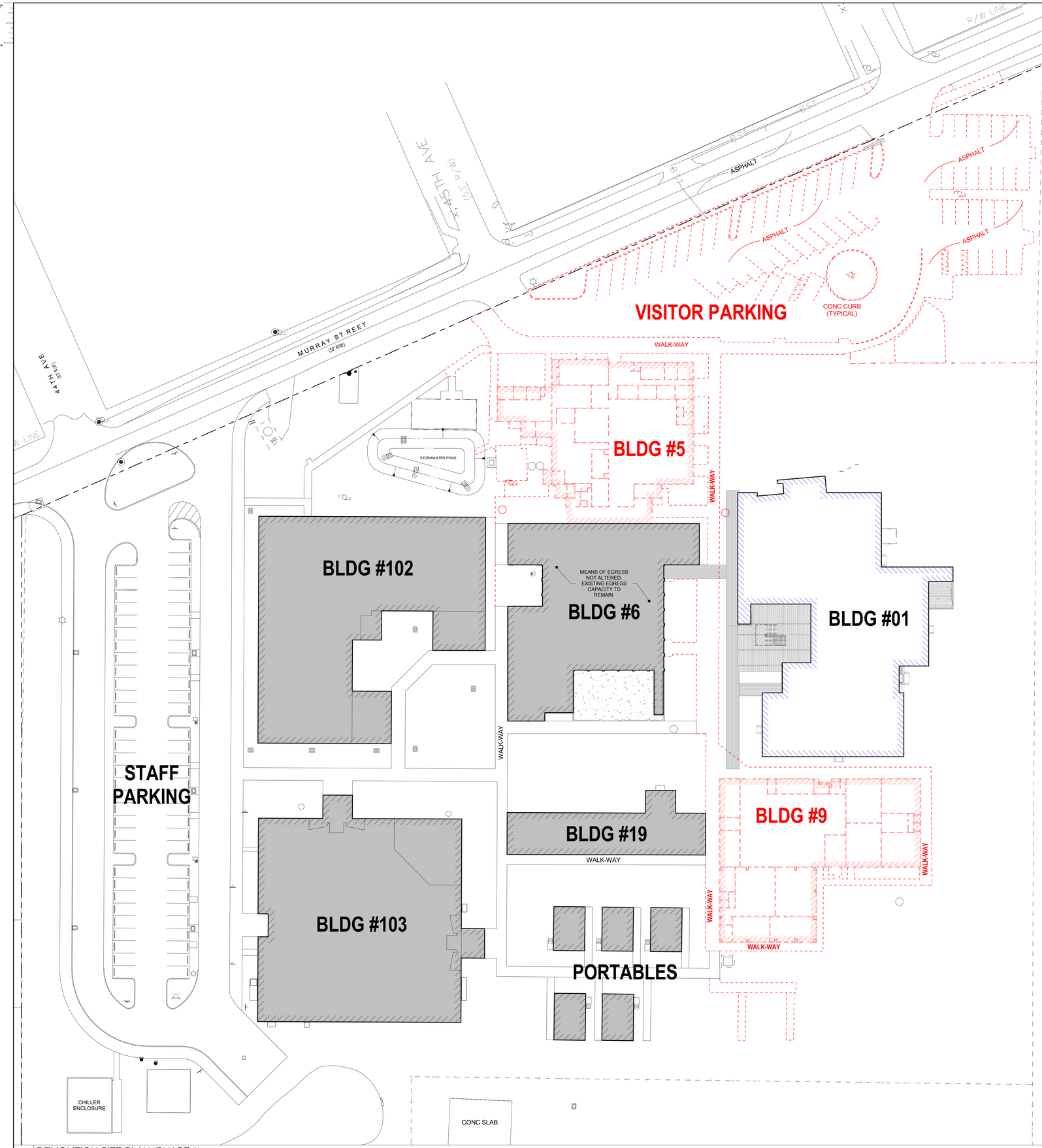
ASD-102

Plot Stamp:
5/29/2026 11:24:50 AM

HB ESTIMATING REC'D 06.01.2026

DEMOLITION SITE PLAN (PHASE 3)
ASD-103

0"
1"



01 DEMOLITION SITE PLAN (PHASE 3)
1/32" = 1'-0"

GENERAL SITE DEMOLITION NOTES

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4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR
7. CONTRACTOR SHALL NOT SCALE DRAWINGS.
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
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10. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
11. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
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14. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
15. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AS NECESSARY AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
16. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
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19. CONTRACTOR SHALL RELOCATE UTILITIES AND EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL, PLUMBING, AND TECHNOLOGY REQUIREMENTS FOR NEW WORK.
20. PROTECT EXISTING SITE ELEMENTS AND EXISTING LANDSCAPING TO REMAIN. PROTECTION SHALL INCLUDE BUT NOT BE LIMITED TO EXISTING TREES AND OTHER EXISTING VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
21. CONTRACTOR SHALL REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
22. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
23. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
24. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
25. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
26. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
27. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
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30. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
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32. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
33. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
34. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
35. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
36. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
37. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
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- DEMO WALL
- DEMO CHAINLINK FENCE
- DEMO ORNAMENTAL FENCE
- DEMO DOOR
- DEMO WINDOW

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WEST PALM BEACH, FL
561-478-4457
FL FIRM: AR 0013140

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

DEMOLITION SITE PLAN (PHASE 3)

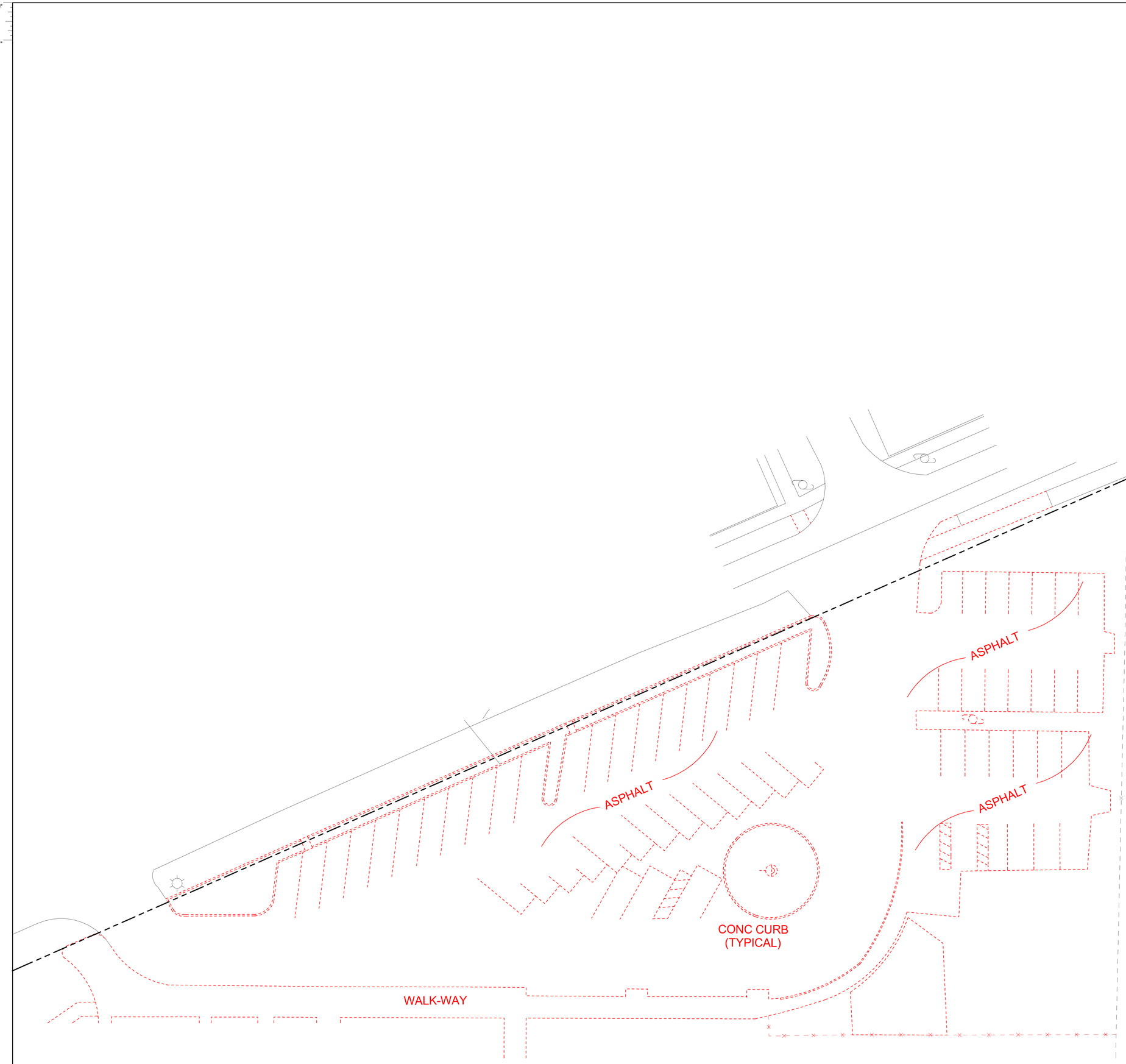
ASD-103

Plot Stamp:
5/29/2026 11:26:50 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

ENLARGED DEMOLITION SITE PLAN - PARKING (PHASE 3)
ASD-401



01 DEMOLITION SITE PLAN - VISITOR PARKING
1/16" = 1'-0"

GENERAL SITE DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
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37. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
- DEMO CHAINLINK FENCE
- DEMO ENTIRE FACILITY (FOUNDATION, STRUCTURE, WALLS, ROOFS)
- DEMO ORNAMENTAL FENCE
- DEMO DOOR
- DEMO WALL
- DEMO WINDOW

PBK
www.pbk.com
WEST PALM BEACH, FL 561-478-4457
FL FIRM: AR 0013140

MURRAY MIDDLE SCHOOL MODERNIZATION
4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

5
102
6
01
19
9
10
103
PORT.
18

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

ENLARGED DEMOLITION SITE PLAN - PARKING (PHASE 3)

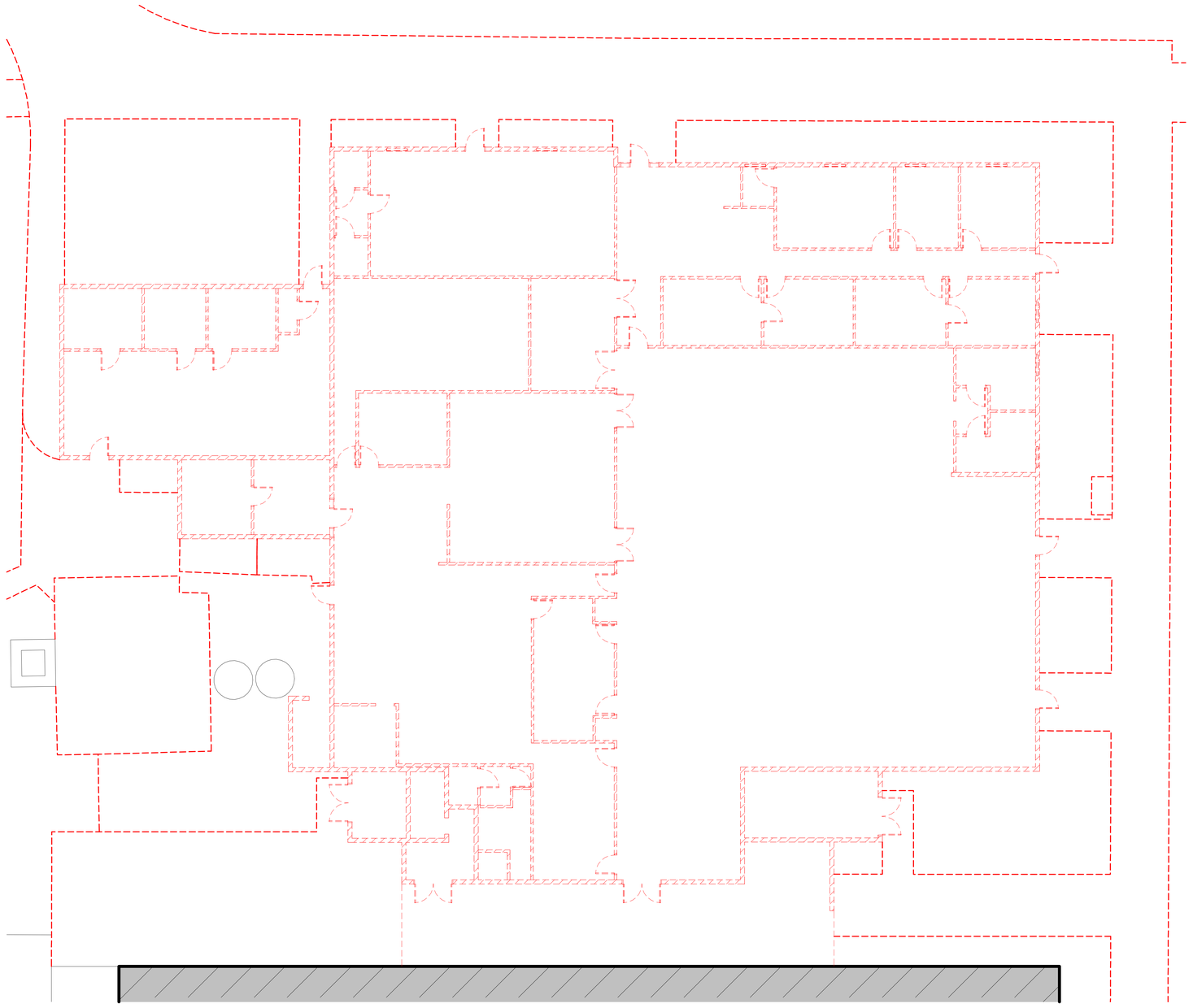
ASD-401

Plot Stamp:
5/29/2026 11:27:15 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

ENLARGED DEMOLITION SITE PLAN - BUILDING #5
ASD-402



NOTE: BUILDING #5 DEMOLITION IS TO OCCUR AT A DIFFERENT PHASE THAN THAT OF BUILDING #10 & #18. REFER TO ASD-101 FOR PHASING.

01 DEMOLITION SITE PLAN - BUILDING #5
1/8" = 1'-0"

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23. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
24. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
25. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
26. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
27. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
28. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
29. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR, INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
30. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
31. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
32. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
33. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
34. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
35. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
36. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
37. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
- DEMO CHAINLINK FENCE
- DEMO ORNAMENTAL FENCE
- DEMO ENTIRE FACILITY (FOUNDATION, STRUCTURE, WALLS, ROOFS)
- DEMO DOOR
- DEMO WALL
- DEMO WINDOW

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FL FIRM: AR 0013140

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

5
102 6 01
19
103 9 10
PORT. 18

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

ENLARGED DEMOLITION SITE PLAN - BUILDING #5

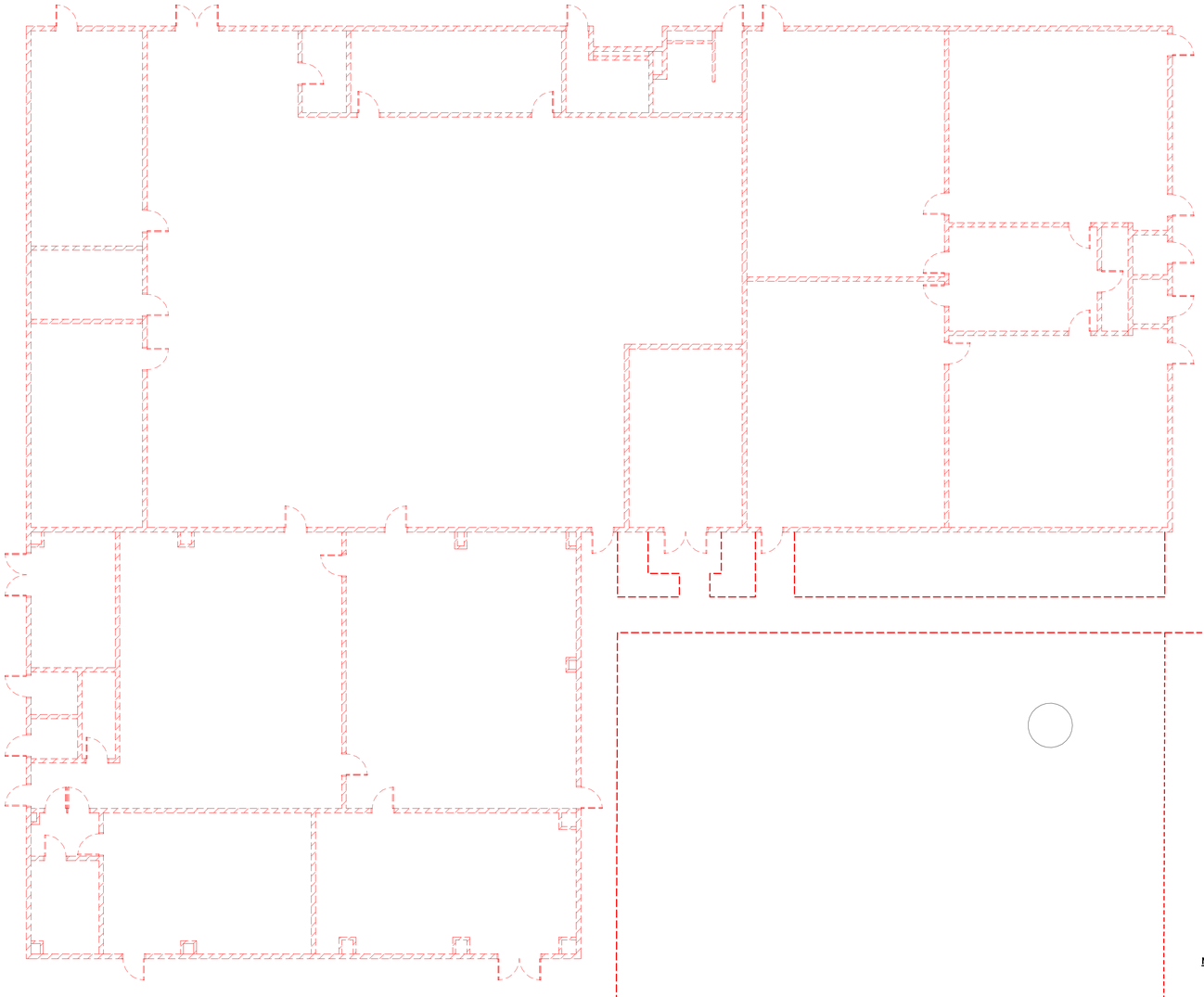
ASD-402

Plot Stamp:
5/29/2026 11:27:46 AM

HB ESTIMATING REC'D 06.01.2026

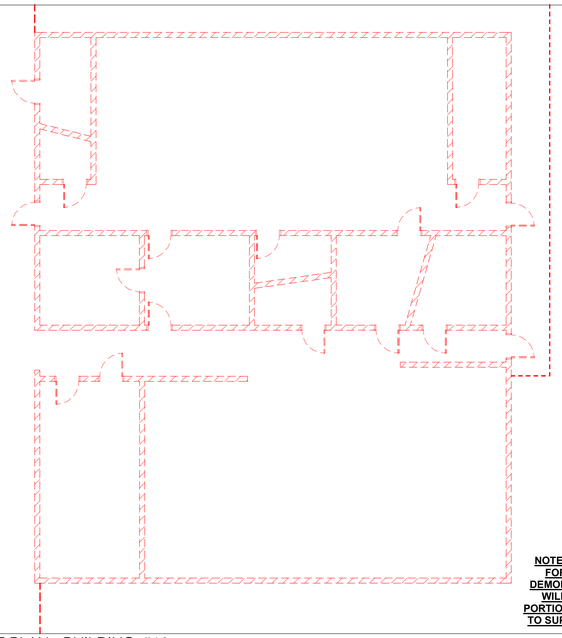
ENLARGED DEMOLITION SITE PLAN - BUILDING #9, #10, AND #18
ASD-403

0"
1"



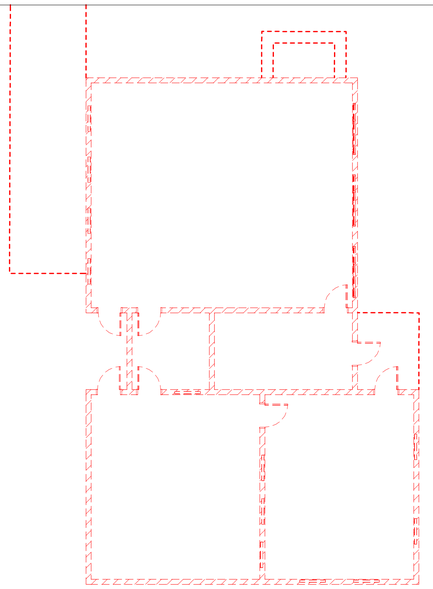
01 DEMOLITION SITE PLAN - BUILDING #9
1/8" = 1'-0"

NOTE: BUILDING #9 DEMOLITION IS TO OCCUR AT A DIFFERENT PHASE THAN THAT OF #10 & #18. REFER TO ASD-101 FOR PHASING.



NOTE: REFER TO STRUCTURAL DRAWINGS FOR THE EXTENTS OF THE BUILDING #10 DEMOLITION. DEMOLITION OF BUILDING #10 WILL BE DONE IN NUMEROUS PHASES AS PORTIONS OF THE STRUCTURE ARE NEEDED TO SUPPORT THE BUILDING #9 STRUCTURE.

02 DEMOLITION SITE PLAN - BUILDING #10
1/8" = 1'-0"



03 DEMOLITION SITE PLAN - BUILDING #18
1/8" = 1'-0"

GENERAL SITE DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR
7. CONTRACTOR SHALL NOT SCALE DRAWINGS.
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
9. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK.
10. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
11. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
12. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
13. CONTRACTOR SHALL REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND OR PARKING AREAS DAMAGED, MODIFIED, AND OR DISTURBED BY DEMOLITION WORK AT NO COST TO THE OWNER.
14. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
15. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AS NECESSARY AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
16. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
17. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
18. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
19. CONTRACTOR SHALL RELOCATE UTILITIES AND EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL, PLUMBING, AND TECHNOLOGY REQUIREMENTS FOR NEW WORK.
20. PROTECT EXISTING SITE ELEMENTS AND EXISTING LANDSCAPING TO REMAIN. PROTECTION SHALL INCLUDE BUT NOT BE LIMITED TO EXISTING TREES AND OTHER EXISTING VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
21. CONTRACTOR SHALL REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
22. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
23. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
24. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
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27. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
28. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
29. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITIES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR, INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
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32. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
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36. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
37. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

SITE DEMOLITION PLAN LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- EXISTING BUILDING
- DEMO CHAINLINK FENCE
- DEMO ENTIRE FACILITY (FOUNDATION, STRUCTURE, WALLS, ROOFS)
- DEMO ORNAMENTAL FENCE
- DEMO DOOR
- DEMO WALL
- DEMO WINDOW

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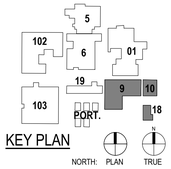
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

ENLARGED DEMOLITION SITE PLAN - BUILDING #9, #10, AND #18

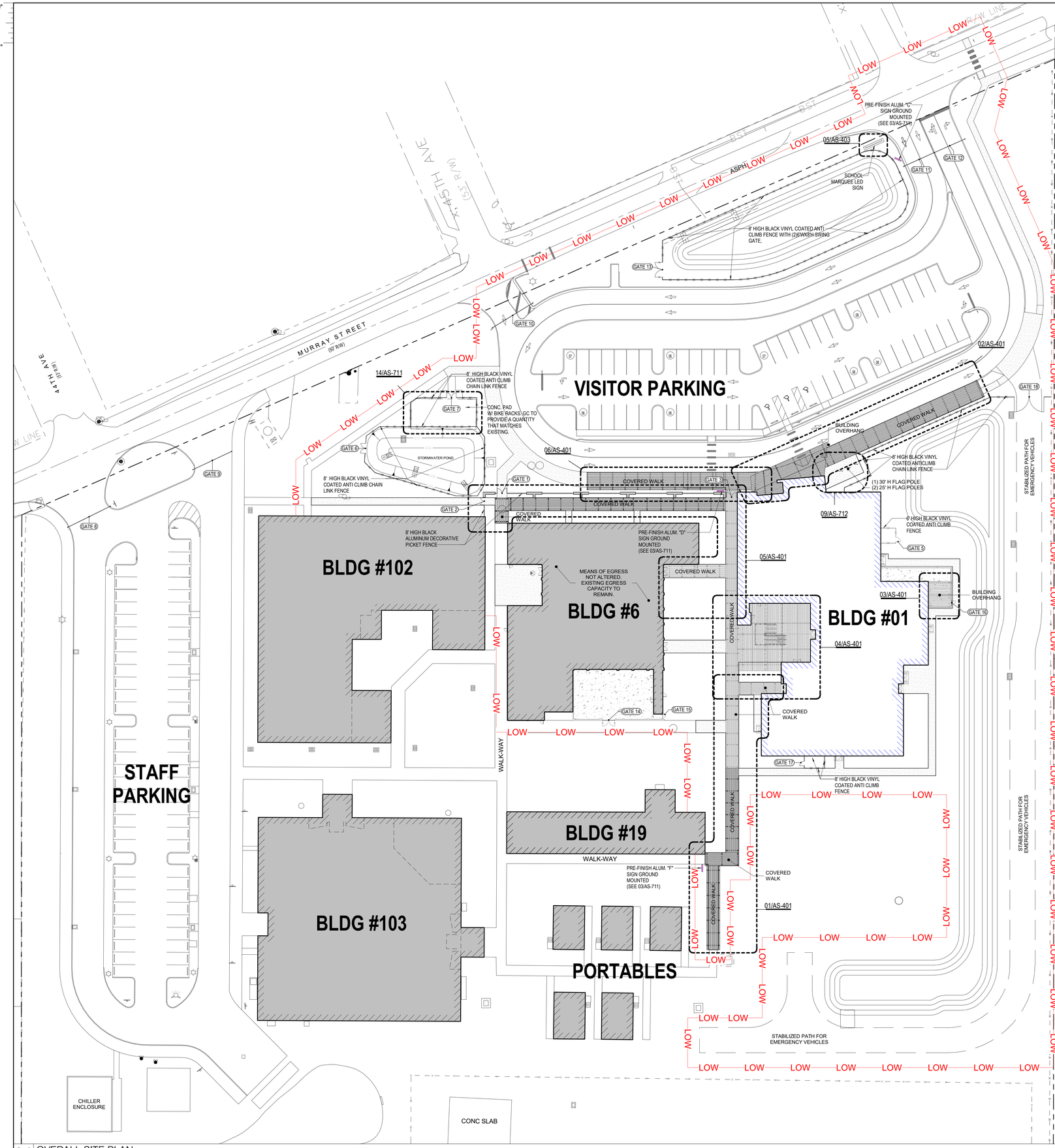
ASD-403

Plot Stamp:
5/29/2026 11:28:11 AM

HB ESTIMATING REC'D 06.01.2026

OVERALL SITE PLAN
AS-100

0"
1"



01 OVERALL SITE PLAN
1/32" = 1'-0"

GENERAL SITE PLAN NOTES

1. REFER TO CIVIL DOCUMENTS.
2. COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL, LANDSCAPE, AND OR STRUCTURAL DOCUMENTS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 1% MINIMUM, 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, PATIOS, STAIRS, PAVING, U.N.O.
4. PROVIDE AND INSTALL POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 5% FOR A HORIZONTAL DISTANCE OF 10 FEET AT ALL EXTERIOR NON-PAVED AREAS U.N.O.
5. REFER TO CIVIL DOCUMENTS FOR CONCRETE SIDEWALK EXPANSION JOINTS AND CONCRETE SIDEWALK CONTROL JOINTS.
6. VERIFY AND CONFIRM ALL JOINT LAYOUTS AT ALL CONCRETE SIDEWALKS WITH ARCHITECT PRIOR TO POURING OF CONCRETE.
7. PROVIDE AND INSTALL CONCRETE SIDEWALK EXPANSION JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT 50 FEET ON-CENTER MAX. U.N.O.
8. PROVIDE AND INSTALL CONCRETE SIDEWALK CONTROL JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT DISTANCES EQUIVALENT TO SIDEWALK WIDTH, BUT NOT TO EXCEED 10 FEET ON-CENTER MAX.
9. VERIFY ALL SITE SIGNAGE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION OF SITE SIGNAGE.

GATE SCHEDULE (PHASE 2)

MARK	SIZE W	SIZE H	MTL	REMARKS
GATE 5	4'-0"	6'-0"	VINYL COATED CHAIN LINK	4
GATE 14	10'-0"	8'-0"	VINYL COATED CHAIN LINK	3,5
GATE 15	2'-6"	8'-0"	VINYL COATED CHAIN LINK	1,3
GATE 16	3'-0"	7'-0"	DECORATIVE ALUMINUM	1

GATE SCHEDULE (PHASE 3)

MARK	SIZE W	SIZE H	MTL	REMARKS
GATE 1	8'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 2	6'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 3	8'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 6	8'-0"	8'-0"	VINYL COATED CHAIN LINK	4
GATE 7	8'-0"	8'-0"	VINYL COATED CHAIN LINK	1,4
GATE 8	37'-4"	4'-0"	POWDER COATED STEEL	2
GATE 9	33'-6"	4'-0"	POWDER COATED STEEL	2
GATE 10	37'-4"	4'-0"	POWDER COATED STEEL	2
GATE 11	26'-0"	4'-0"	POWDER COATED STEEL	2
GATE 12	26'-0"	4'-0"	POWDER COATED STEEL	2
GATE 13	12'-0"	8'-0"	VINYL COATED CHAIN LINK	4
GATE 17	4'-0"	6'-0"	VINYL COATED CHAIN LINK	4
GATE 18	24'-0"	8'-0"	VINYL COATED CHAIN LINK	4,5

SITE GATE REMARKS

1. PANIC HARDWARE & CLOSER
2. REFER TO DETAIL 10 / AS-711
3. PROVIDE PRIVACY SLATS
4. ANTI-CLIMB FENCING
5. PROVIDE WHEELS SUPPORTING DOOR LEAF

SITE PLAN LEGEND

- EXISTING BUILDING
- NOT IN SCOPE
- PROPOSED BUILDING / ADDITION
- SOD
- CONCRETE SIDEWALK
- HYDRO MULCH
- PROPERTY LINE
- EASEMENT LINE / SETBACK
- LOW LOW — LIMIT OF WORK
- BENCH
- LIGHT POLE
- BICYCLE RACK
- R — RECYCLE BIN
- T — TRASH CAN
- FIRE LANE
- EXIST.CHAIN LINK FENCE
- NEW CHAIN LINK FENCE
- ORNAMENTAL FENCE

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MURRAY MIDDLE SCHOOL MODERNIZATION

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CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT: MARTIN COUNTY SCHOOL DISTRICT
DATE: 2026/05/25
PROJECT NUMBER: 25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

OVERALL SITE PLAN

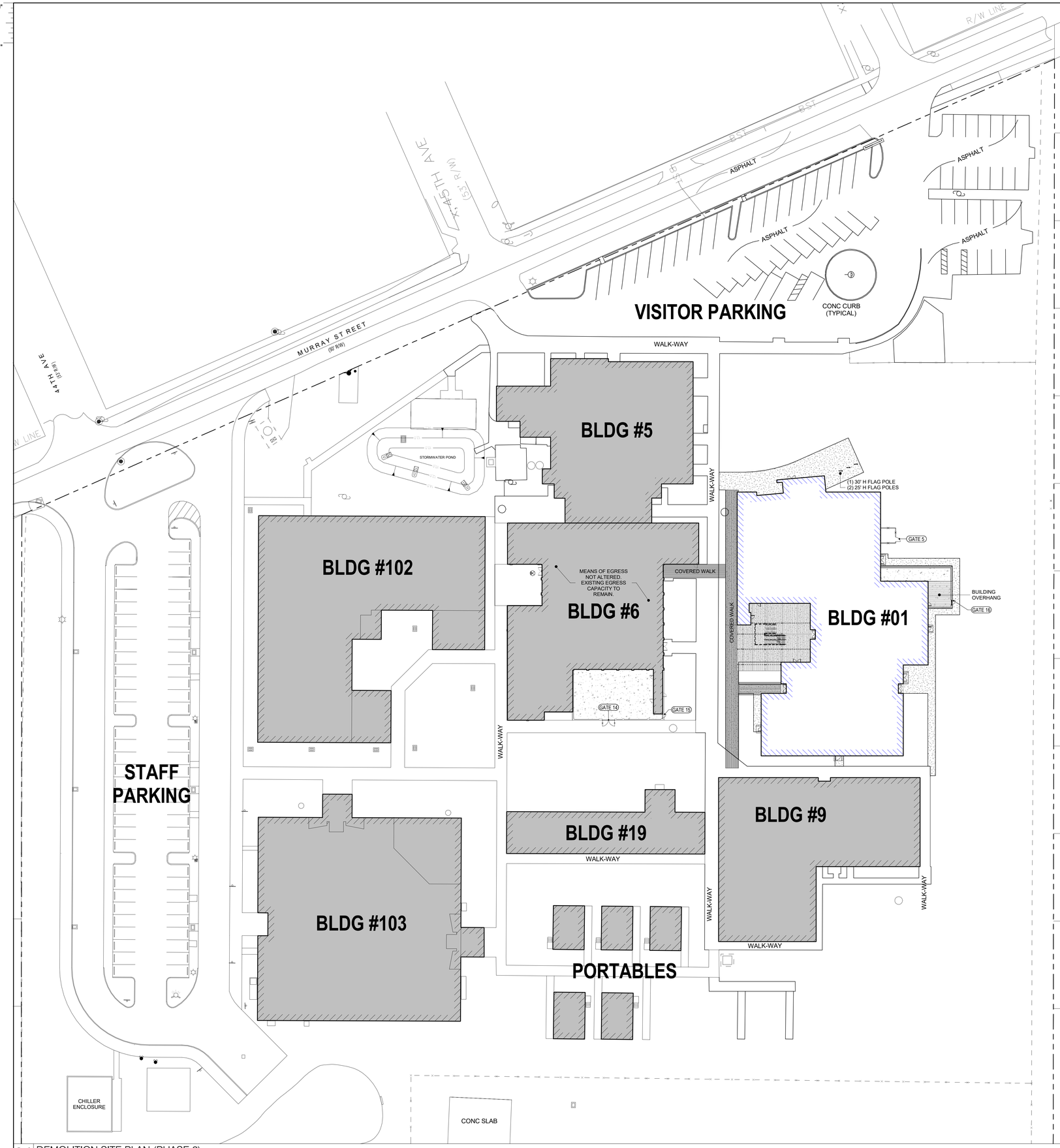
AS-100

Plot Stamp:
5/29/2026 2:19:29 PM

HB ESTIMATING REC'D 06.01.2026

TEMPORARY PEDESTRIAN ACCESS PLAN (PHASE 2)
AS-101

0"
1"



01 DEMOLITION SITE PLAN (PHASE 2)
1/32" = 1'-0"

LOT 54
(NO ID)
VACANT
FFE =16.36'
LOT 53
FFE =15.65'
FFE =15.77'
LOT 52
FFE =15.69'
FFE =16.63'
LOT 51
FFE =16.63'
FFE =17.60'
LOT 50
FFE =16.70'
FFE =16.43'
LOT 49
VACANT
FFE =16.65'
LOT 48

GENERAL SITE PLAN NOTES

1. REFER TO CIVIL DOCUMENTS.
2. COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL, LANDSCAPE, AND OR STRUCTURAL DOCUMENTS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 1% MINIMUM, 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, PATIOS, STAIRS, PAVING, U.N.O.
4. PROVIDE AND INSTALL POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 5% FOR A HORIZONTAL DISTANCE OF 10 FEET AT ALL EXTERIOR NON-PAVED AREAS U.N.O.
5. REFER TO CIVIL DOCUMENTS FOR CONCRETE SIDEWALK EXPANSION JOINTS AND CONCRETE SIDEWALK CONTROL JOINTS.
6. VERIFY AND CONFIRM ALL JOINT LAYOUTS AT ALL CONCRETE SIDEWALKS WITH ARCHITECT PRIOR TO POURING OF CONCRETE.
7. PROVIDE AND INSTALL CONCRETE SIDEWALK EXPANSION JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT 50 FEET ON-CENTER MAX. U.N.O.
8. PROVIDE AND INSTALL CONCRETE SIDEWALK CONTROL JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT DISTANCES EQUIVALENT TO SIDEWALK WIDTH, BUT NOT TO EXCEED 10 FEET ON-CENTER MAX.
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GATE SCHEDULE (PHASE 2)

MARK	SIZE W	SIZE H	MTL	REMARKS
GATE 5	4'-0"	6'-0"	VINYL COATED CHAIN LINK	4
GATE 14	10'-0"	8'-0"	VINYL COATED CHAIN LINK	3,5
GATE 15	5'-6"	8'-0"	VINYL COATED CHAIN LINK	1,3
GATE 16	3'-0"	7'-0"	DECORATIVE ALUMINUM	1

GATE SCHEDULE (PHASE 3)

MARK	SIZE W	SIZE H	MTL	REMARKS
GATE 1	8'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 2	6'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 3	8'-0"	8'-0"	DECORATIVE ALUMINUM	1
GATE 6	8'-0"	8'-0"	VINYL COATED CHAIN LINK	4
GATE 7	8'-0"	8'-0"	VINYL COATED CHAIN LINK	1,4
GATE 8	37'-4"	4'-0"	POWDER COATED STEEL	2
GATE 9	33'-6"	4'-0"	POWDER COATED STEEL	2
GATE 10	37'-4"	4'-0"	POWDER COATED STEEL	2
GATE 11	26'-0"	4'-0"	POWDER COATED STEEL	2
GATE 12	26'-0"	4'-0"	POWDER COATED STEEL	2
GATE 13	12'-0"	8'-0"	VINYL COATED CHAIN LINK	4
GATE 17	4'-0"	6'-0"	VINYL COATED CHAIN LINK	4
GATE 18	24'-0"	8'-0"	VINYL COATED CHAIN LINK	4,5

SITE GATE REMARKS

1. PANIC HARDWARE & CLOSER
2. REFER TO DETAIL 10 / AS-711
3. PROVIDE PRIVACY SLATS
4. ANTI-CLIMB FENCING
5. PROVIDE WHEELS SUPPORTING DOOR LEAF

SITE PLAN LEGEND

- EXISTING BUILDING
- NOT IN SCOPE
- PROPOSED BUILDING / ADDITION
- SOD
- CONCRETE SIDEWALK
- HYDRO MULCH
- PROPERTY LINE
- EASEMENT LINE / SETBACK
- LOW LOW LIMIT OF WORK
- BENCH
- LIGHT POLE
- BICYCLE RACK
- RECYCLE BIN
- TRASH CAN
- FIRE LANE
- EXIST.CHAIN LINK FENCE
- NEW CHAIN LINK FENCE
- ORNAMENTAL FENCE

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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT
DATE 2026/05/25
PROJECT NUMBER 25064.00
DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

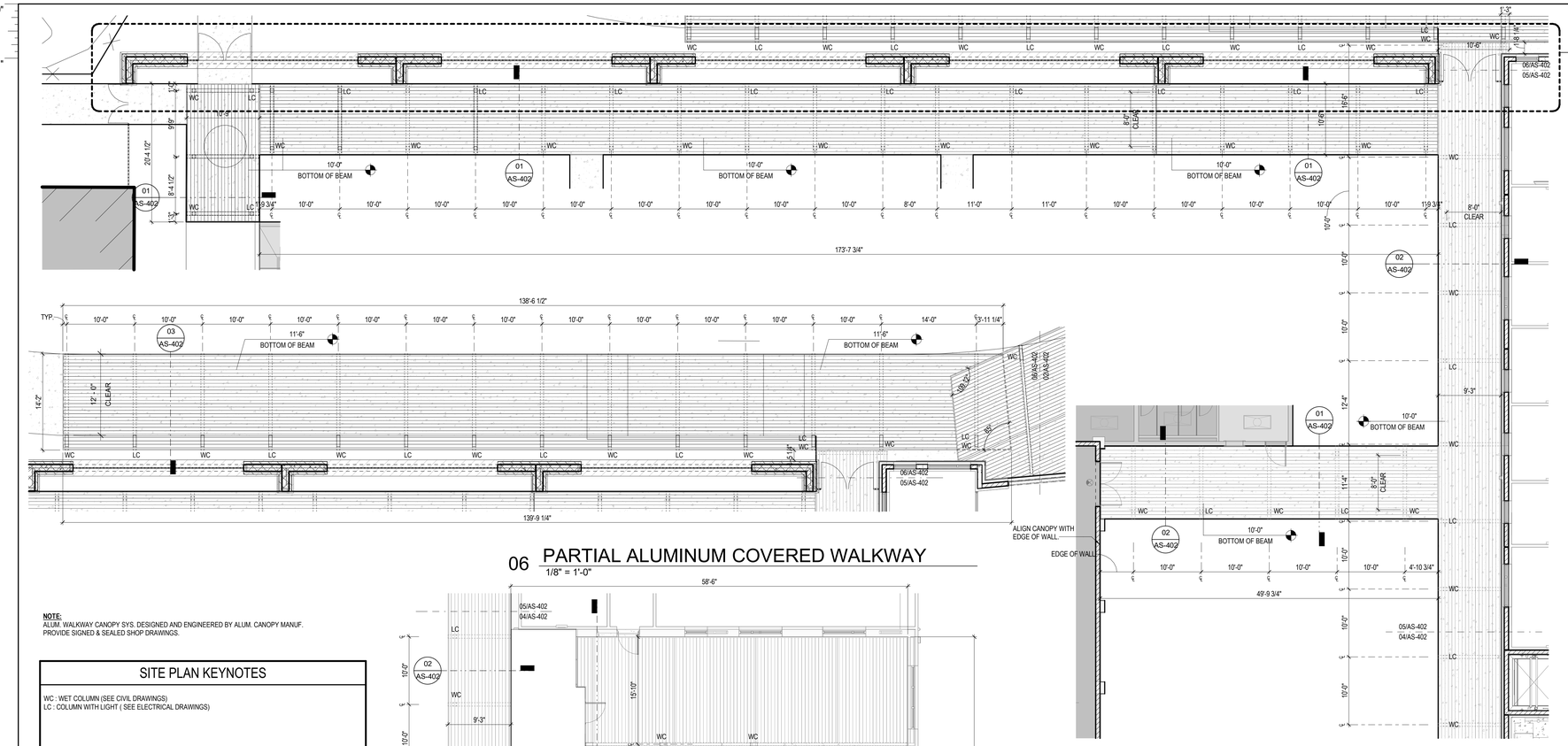
TEMPORARY PEDESTRIAN ACCESS PLAN (PHASE 2)

AS-101

Plot Stamp:
5/29/2026 11:32:23 AM

HB ESTIMATING REC'D 06.01.2026

ENLARGED SITE PLANS
AS-401



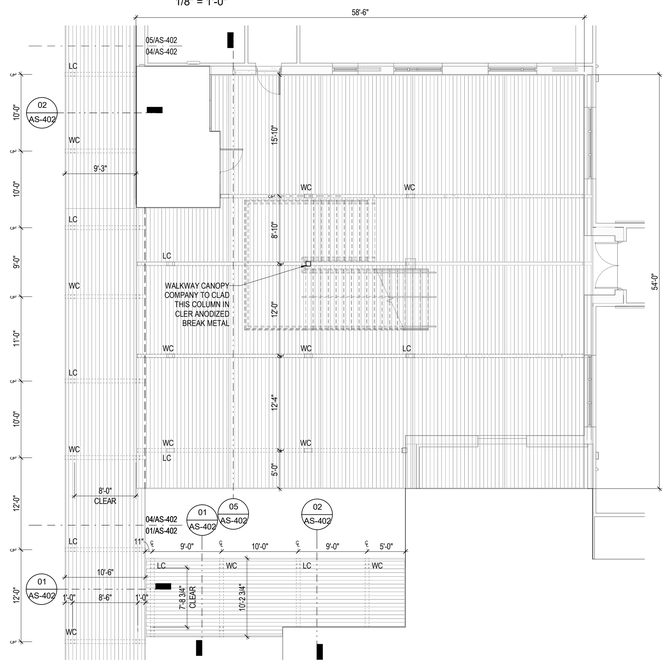
06 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"

05 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"

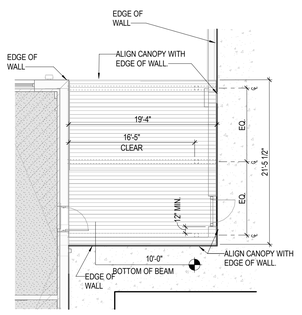
NOTE:
ALUM. WALKWAY CANOPY SYS. DESIGNED AND ENGINEERED BY ALUM. CANOPY MANUF.
PROVIDE SIGNED & SEALED SHOP DRAWINGS.

SITE PLAN KEYNOTES

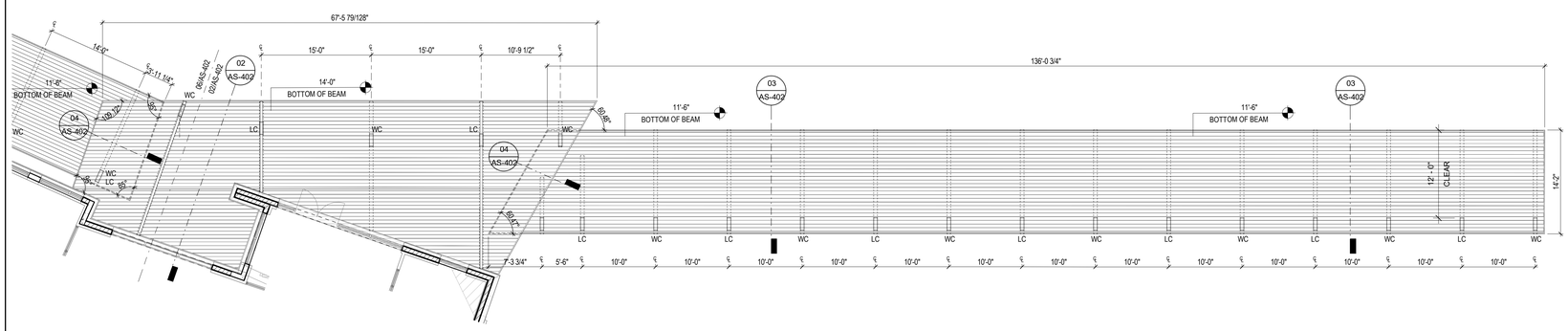
WC : WET COLUMN (SEE CIVIL DRAWINGS)
LC : COLUMN WITH LIGHT (SEE ELECTRICAL DRAWINGS)



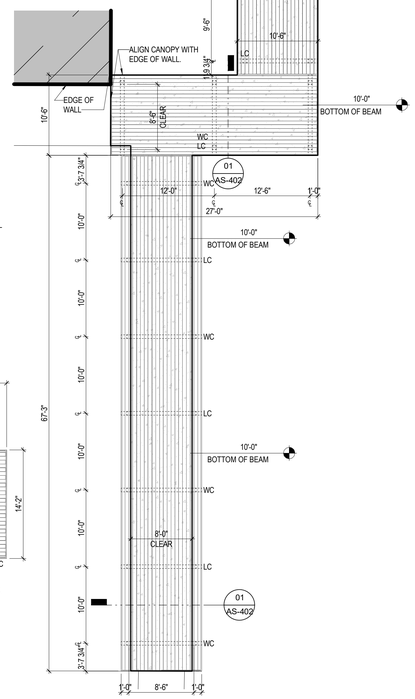
04 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"



03 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"



02 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"



01 PARTIAL ALUMINUM COVERED WALKWAY
1/8" = 1'-0"

Plot Stamp:
5/29/2026 11:34:10 AM

HB ESTIMATING REC'D 06.01.2026

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

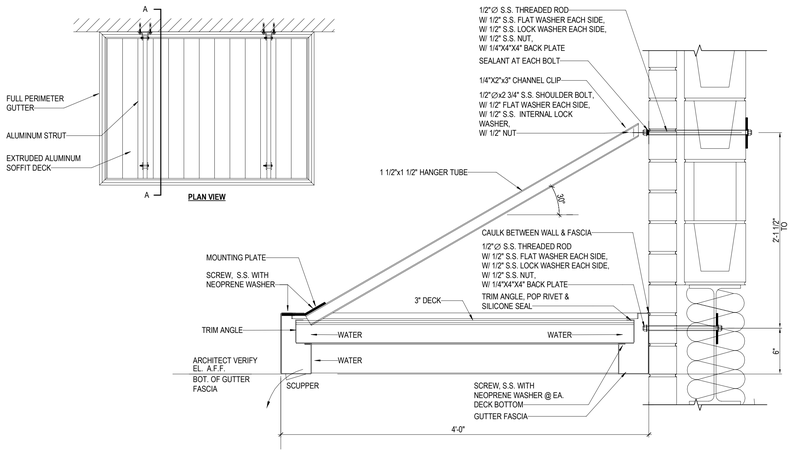
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DRAWN BY: NK

VOLUME NO. 1

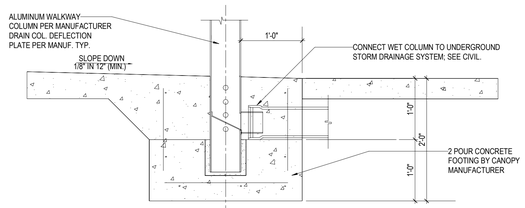
ENLARGED SITE PLANS

AS-401

0"
1"



11 SUSPENDED CANOPY DETAILS
1 1/2" = 1'-0"

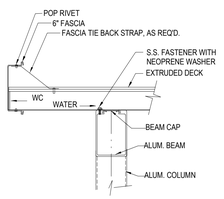


12 ALUMINUM CANOPY FOUNDATION DETAIL AT UNDERGROUND STORM DRAINAGE
1" = 1'-0"

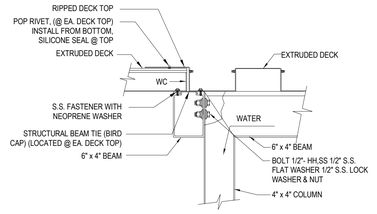
ALL WALKWAY DETAILS ARE FOR REFERENCE ONLY. FINAL ENGINEERING AND DETAILING BY DELEGATED ENGINEER

GENERAL SITE PLAN NOTES

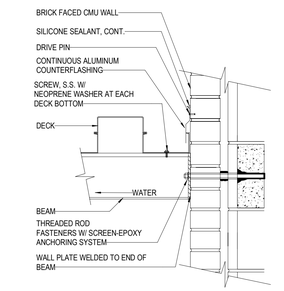
1. REFER TO CIVIL DOCUMENTS.
2. COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL, LANDSCAPE, AND OR STRUCTURAL DOCUMENTS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 1% MINIMUM, 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, PATIOS, STAIRS, PAVING, U.N.O.
4. PROVIDE AND INSTALL POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 5% FOR A HORIZONTAL DISTANCE OF 10 FEET AT ALL EXTERIOR NON-PAVED AREAS U.N.O.
5. REFER TO CIVIL DOCUMENTS FOR CONCRETE SIDEWALK EXPANSION JOINTS AND CONCRETE SIDEWALK CONTROL JOINTS.
6. VERIFY AND CONFIRM ALL JOINT LAYOUTS AT ALL CONCRETE SIDEWALKS WITH ARCHITECT PRIOR TO POURING OF CONCRETE.
7. PROVIDE AND INSTALL CONCRETE SIDEWALK EXPANSION JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT 50 FEET ON-CENTER MAX. U.N.O.
8. PROVIDE AND INSTALL CONCRETE SIDEWALK CONTROL JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT DISTANCES EQUIVALENT TO SIDEWALK WIDTH, BUT NOT TO EXCEED 10 FEET ON-CENTER MAX.
9. VERIFY ALL SITE SIGNAGE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION OF SITE SIGNAGE.



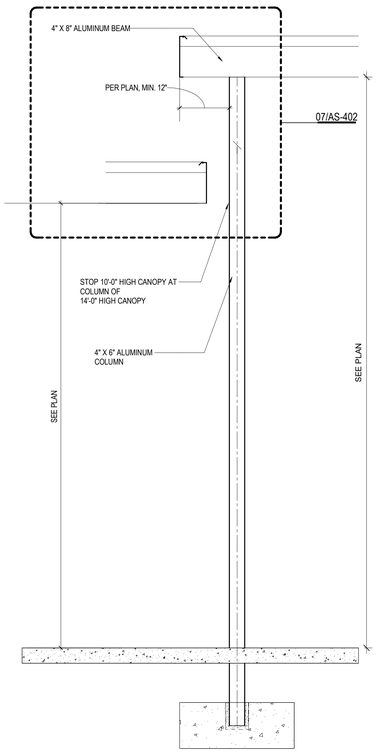
10 ALUMINUM CANOPY DETAIL
1 1/2" = 1'-0"



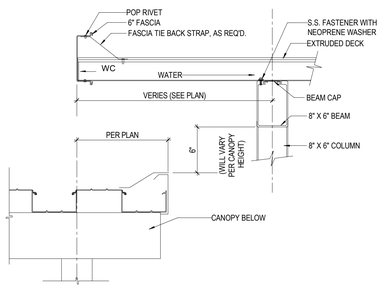
09 ALUMINUM CANOPY DETAIL
1 1/2" = 1'-0"



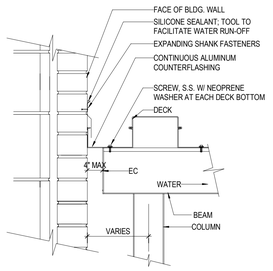
08 ALUMINUM CANOPY DETAIL
1 1/2" = 1'-0"



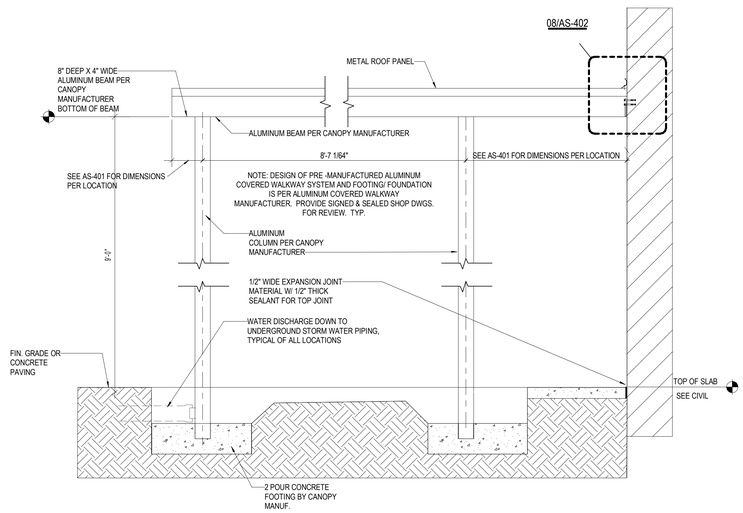
04 ALUMINUM CANOPY SECTION
3/4" = 1'-0"



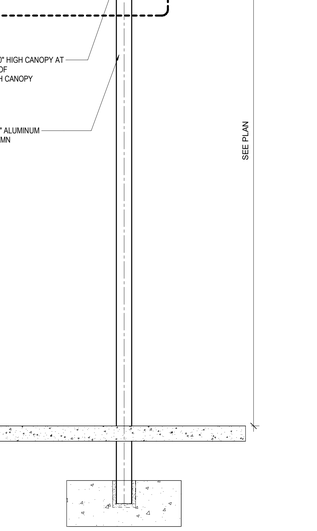
07 ALUMINUM CANOPY SECTION
1 1/2" = 1'-0"



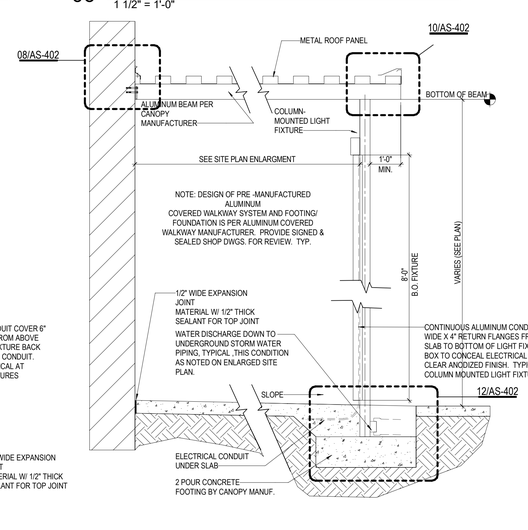
06 ALUMINUM CANOPY SECTION
1 1/2" = 1'-0"



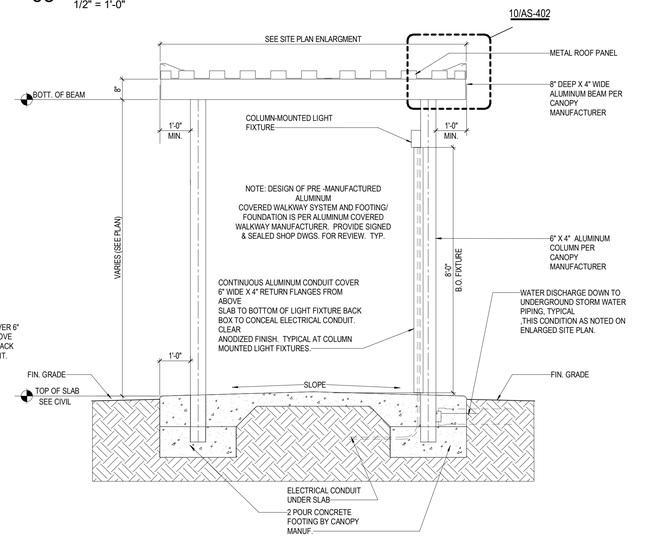
05 ALUMINUM CANOPY SECTION
1/2" = 1'-0"



03 ALUMINUM CANOPY SECTION
1/2" = 1'-0"



02 ALUMINUM CANOPY SECTION
1/2" = 1'-0"



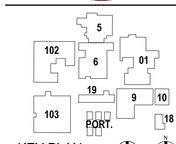
01 ALUMINUM CANOPY SECTION
1/2" = 1'-0"

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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION
4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA ANTONIO MIRAGAYA REGISTERED ARCHITECT AR102545

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: NK

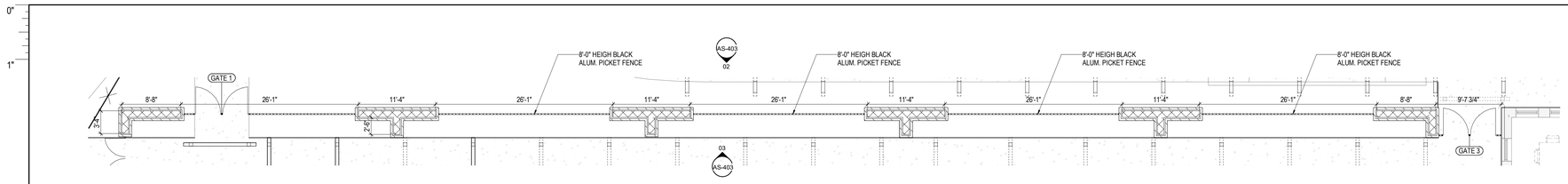
VOLUME NO. 1

ARCHITECTURAL CANOPY DETAILS

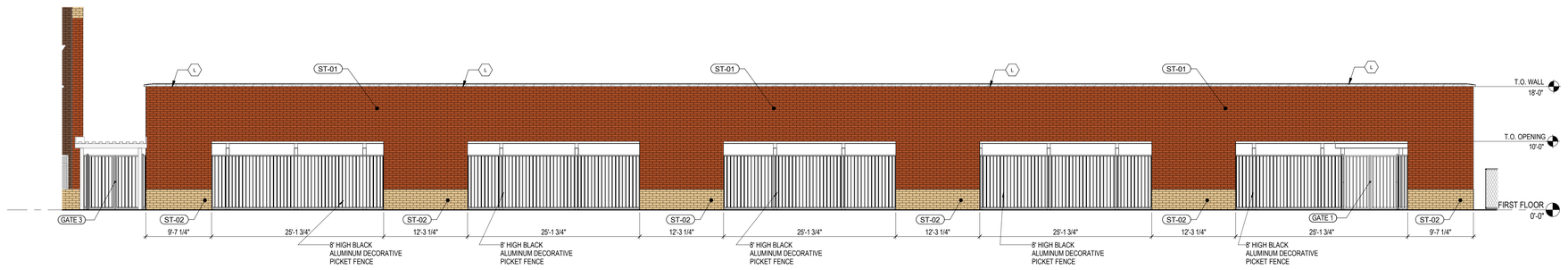
AS-402

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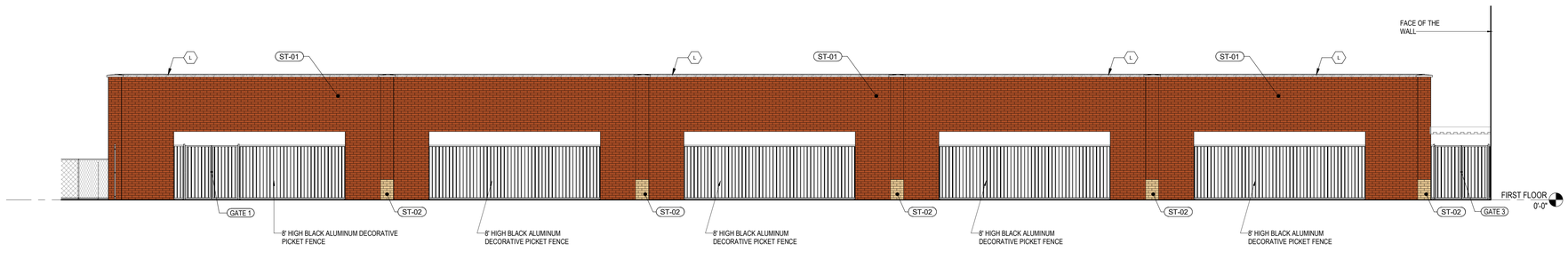
HB ESTIMATING REC'D 06.01.2026



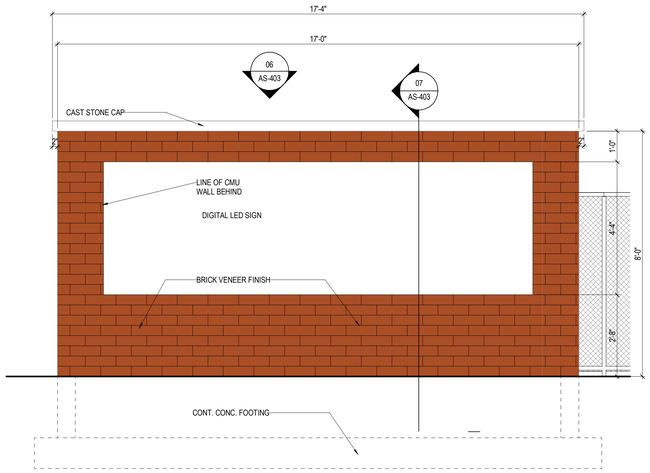
01 ENLARGED CONCEALMENT WALL
1/8" = 1'-0"



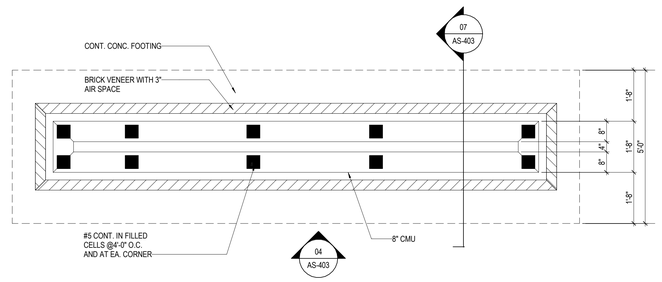
02 CONCEALMENT WALL ELEVATION
1/8" = 1'-0"



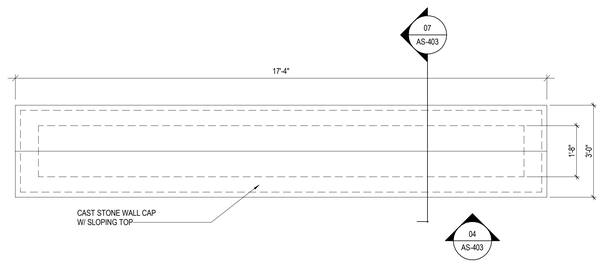
03 CONCEALMENT WALL ELEVATION
1/8" = 1'-0"



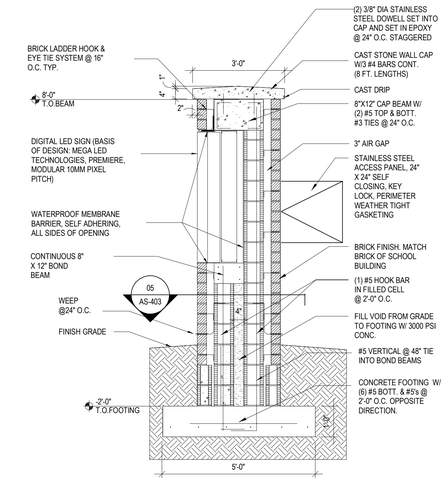
04 LED MARQUEE ELEVATION
1/2" = 1'-0"



05 LED MARQUEE PLAN
1/2" = 1'-0"



06 LED MARQUEE TOP
1/2" = 1'-0"



07 LED MARQUEE SECTION
1/2" = 1'-0"

GENERAL NOTES

1. REFER TO FLOOR PLAN FOR KEYED IN ELEVATION AND SECTIONS.
2. ELEVATIONS ARE SEPARATED BY BUILDING.
3. REFER TO EXISTING CAMPUS COLORS WHEN MATCHING BRICK AND EXTERIOR DOOR COLORS.

ELEVATIONS KEYNOTES:NUMBERED ITEMS (NN)

A. EXTERIOR DOOR; REFER TO DOOR SCHEDULE
B. EXTERIOR CONCRETE STAIR
C. ALUMINUM RAILING
D. ALUMINUM IMPACT STOREFRONT
E. MECHANICAL LOUVER / MECHANICAL EQUIPMENT (SEE MECHANICAL SHEETS) REFER TO A-620 FOR LOUVER DETAILS
F. EXTERIOR SIGNAGE
G. CONTINUOUS ALUMINUM COPING CAP, TYP IN ALL BUILDINGS
H. ALUMINUM SUNSHADE. REFER TO DETAIL 09/AS-402
I. EXTERIOR LADDER
J. SCUPPER COLLECTOR AND DOWNSPOUT
K. 16"Wx8"H. FLOOR SCUPPERS W/SCREEN, TYP.
L. CAST-IN-PLACE CONCRETE CAP DOWELED INTO GROUT FIELD MASONRY. INSTALL PER MANUF. REQUIREMENT AND FLORIDA BUILDING CODE.
M. ALUMINUM CANOPY/WALKWAY COVER (DELEGATED DESIGN)
N. DECORATIVE ALUMINUM GATE
P. MECHANICAL WALL LOUVER; REFER TO MECHANICAL DRAWINGS
Q. EXTERIOR LIGHTING. REFER TO MEP

ELEVATION FINISH LEGEND (X-XX)

ST-01	BRICK COLOR #1 - COLOR TBD
ST-02	BRICK COLOR #2 - COLOR TBD
ST-03	BRICK COLOR #3 - COLOR TBD
P-10	EXTERIOR PAINT COLOR - COLOR TBD
P-12	ALUMINUM CLEAR ANODIZED

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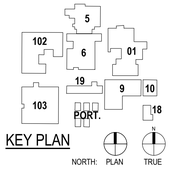
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: NK

VOLUME NO. 1

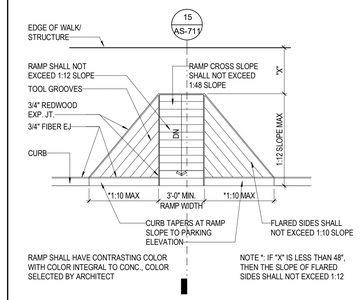
CONCEALMENT WALL & MARQUEE DETAILS

AS-403

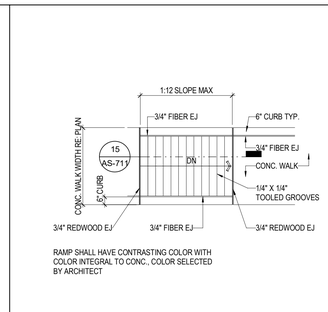
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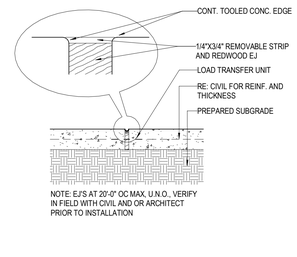
0"
1"



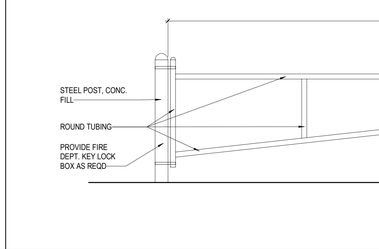
13 ACCESSIBILITY CURB RAMP
1/4" = 1'-0"



12 ACCESSIBLE RAMP PLAN
1/4" = 1'-0"



11 CONCRETE WALK EJ
1" = 1'-0"



10 VEHICULAR GATE
1/2" = 1'-0"

09 CONCRETE WALK CJ
1" = 1'-0"

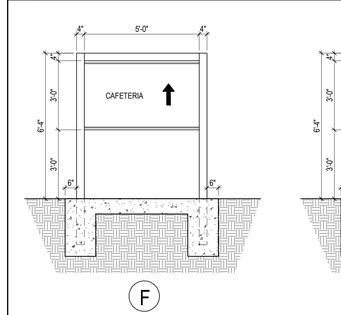
08 GATE HINGE DETAIL
1 1/2" = 1'-0"

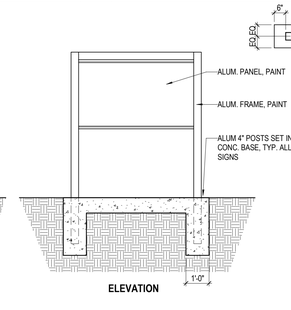
07 ACCESSIBLE PARKING
1/8" = 1'-0"

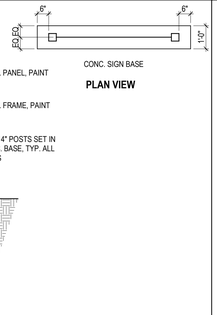
06 FLAGPOLE BASE
1/2" = 1'-0"

05 MOW STRIP AT EDGE OF BUILDING
1" = 1'-0"

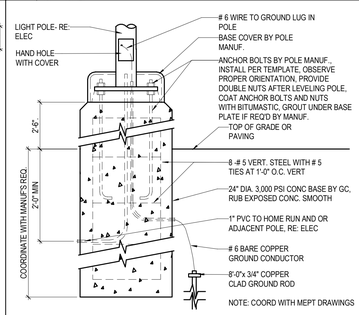
04 DOWNSPOUT BOOT
1" = 1'-0"



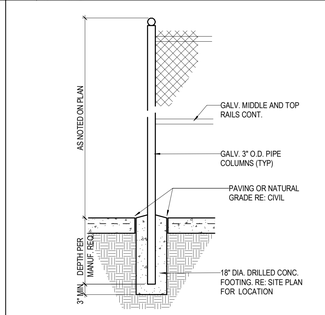




03 SITE DIRECTIONAL SIGNAGE 01
3/8" = 1'-0"



02 LIGHT POLE BASE
3/4" = 1'-0"



01 FENCE DETAIL
1/2" = 1'-0"

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561-478-4457
FL FIRM : AR 0013140
www.pbk.com

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

SITE DETAILS

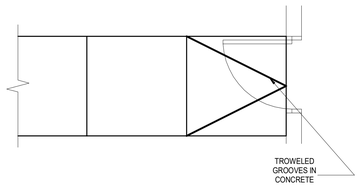
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Plot Stamp:
5/29/2026 11:37:25 AM

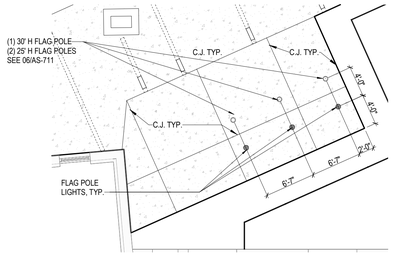
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SITE DETAILS
AS-712

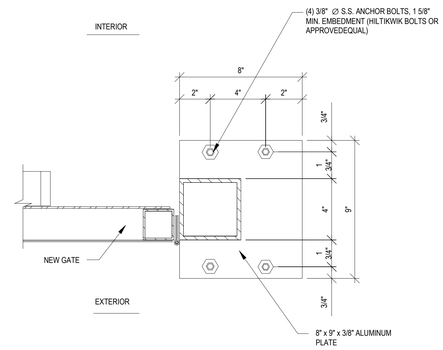
0"
1"



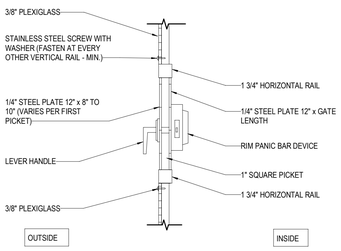
10 SIDEWALK AT ALL EXTERIOR DOORS
1 1/2" = 1'-0"



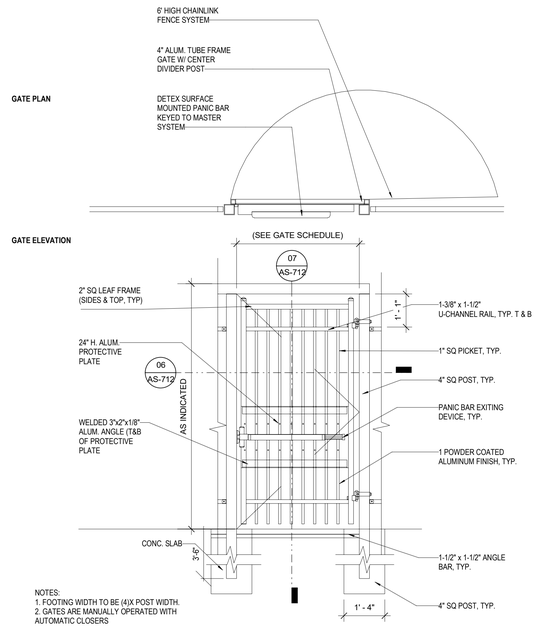
09 FLAG POLE DETAIL
1/8" = 1'-0"



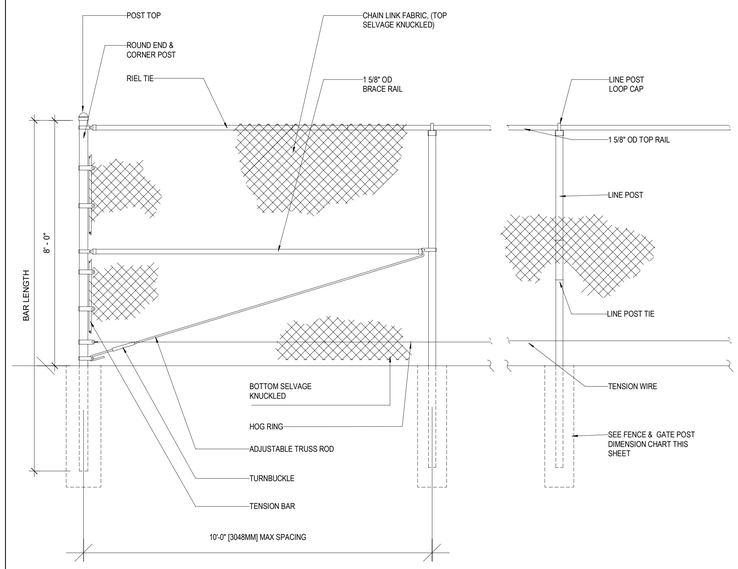
08 TYPICAL PICKET FENCE DETAIL
3" = 1'-0"



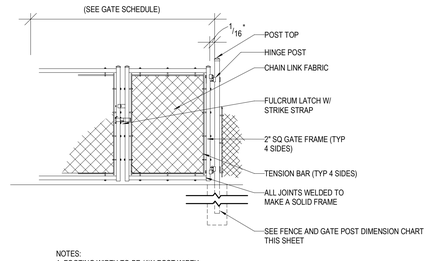
07 SECTION GATE @ PANIC HARDWARE
1 1/2" = 1'-0"



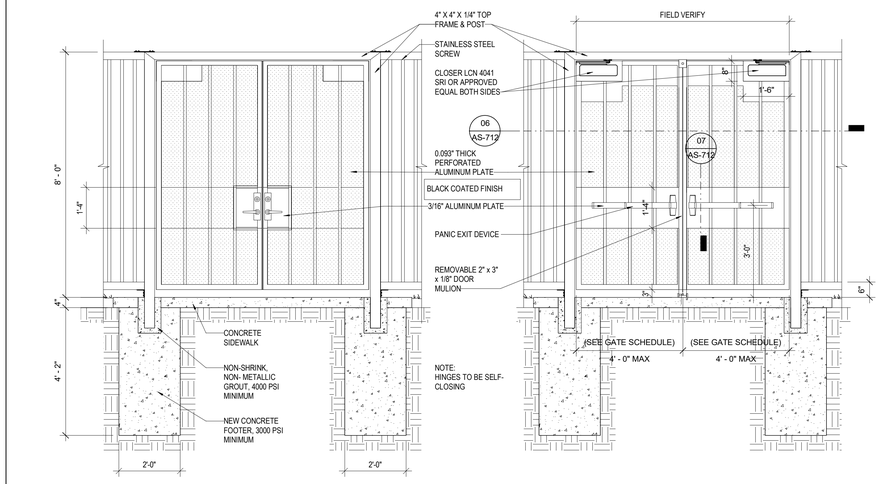
05 SINGLE SWING GATE ELEVATION & PLAN
1/2" = 1'-0"



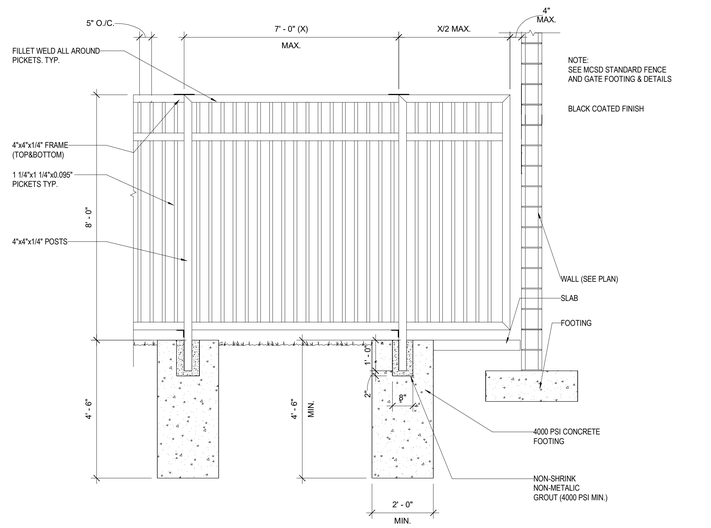
04 CHAIN LINK FENCE SECTION-ELEVATION
1/2" = 1'-0"



03 ELEVATION CHAIN LINK DOUBLE SWING GATE
1/2" = 1'-0"



02 DOUBLE GATE WITH PANIC HARDWARE
1/2" = 1'-0"



01 PICKET FENCE DETAIL
1/2" = 1'-0"

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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: NK

VOLUME NO. 1

SITE DETAILS

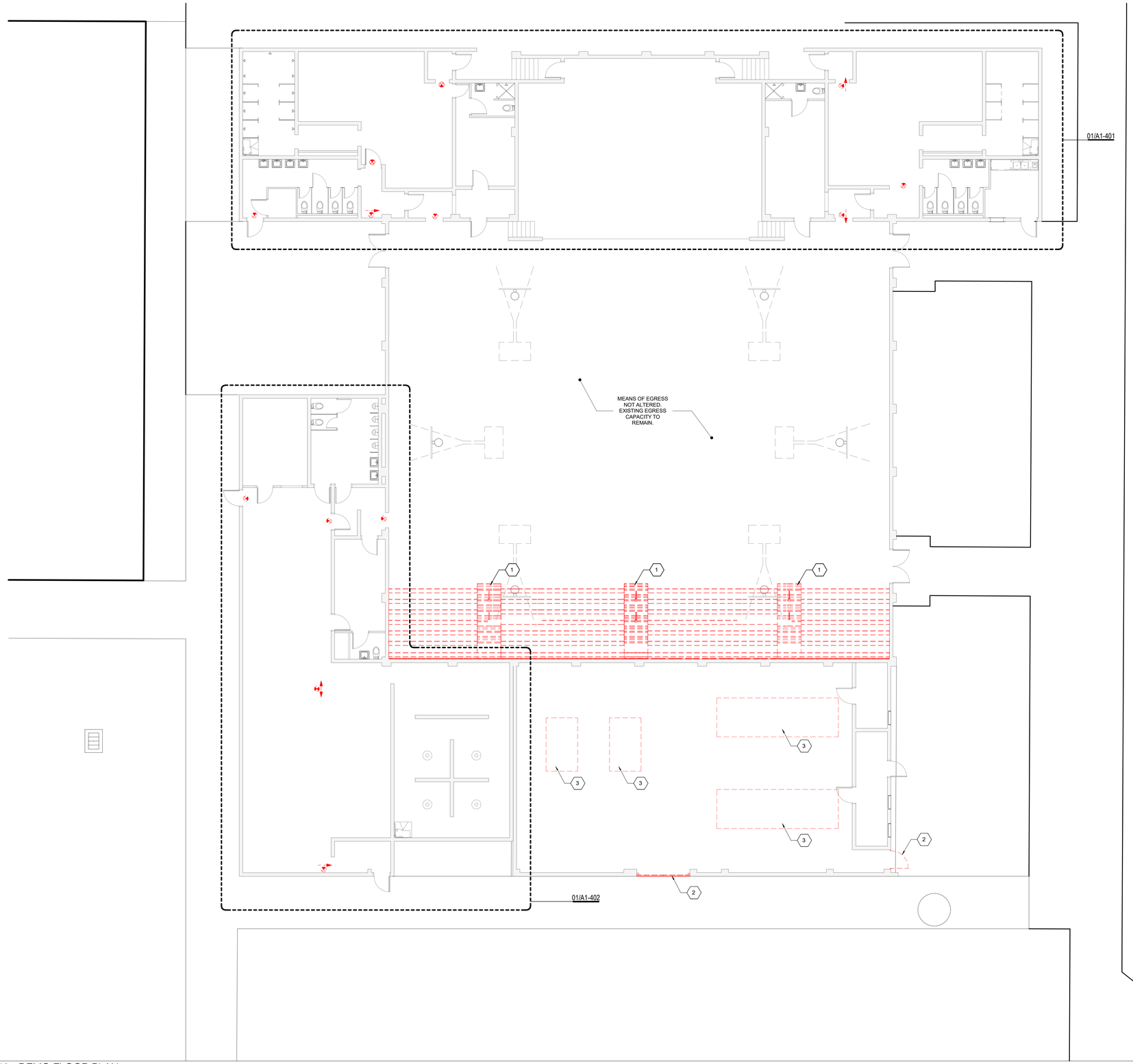
AS-712

Plot Stamp:
5/29/2026 2:20:04 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #6 - DEMOLITION FLOOR PLAN
AD1-101

0"
1"



01 BUILDING #6 - DEMO FLOOR PLAN
1/8" = 1'-0"

GENERAL ARCH DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
7. CONTRACTOR SHALL NOT SCALE DRAWINGS.
8. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
9. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK.
10. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
11. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
12. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
13. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
14. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
15. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
16. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
17. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
18. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
19. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
20. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
21. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITIES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR. INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
22. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
23. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
24. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
25. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
26. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
27. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
28. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
29. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE.
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN LINES OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "VIF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK.
7. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" OR "CLR" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS.
8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE S3 U.N.O. FOR RESTROOM PARTITION TYPES SEE SHEET A4-406.
10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O. FOR RESTROOM FURR-OUT PARTITIONS SEE SHEET A4-406.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL INTERIOR CMU OUTSIDE CORNERS SHALL HAVE BULLNOSE U.N.O.
14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
20. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

BUILDING #6 SCOPE OF WORK

THE SCOPE OF WORK IN BUILDING #6 INCLUDES, BUT IS NOT LIMITED TO:

1. FULL RE-COATING OF THE BUILDING ROOF.
   A. GC IS TO INCLUDE BLEACHER BLOCK UNDER THE FOOTPRINT OF THE BLEACHERS.
   B. EXISTING METAL ROOFING IS TO BE REMOVED AND REPLACED AS NEEDED IN DAMAGED LOCATIONS AS NOTED AND DETERMINED BY THE GC.
   C. TOTAL AREA OF WORK (SF) TO BE DETERMINED BY GC.
   D. GC TO CONFIRM AND DOCUMENT EXISTING CONDITIONS OF THE ROOF AT TIME OF REPAIRS.
2. UNCONDITIONED SPACES WILL NEED TO BE CONDITIONED WITH A NEW HVAC SYSTEM IN ACCORDANCE WITH DISTRICT STANDARDS.
3. DOORS IN POOR CONDITION ARE TO BE REPLACED.
4. ALL LIGHTING FIXTURES ARE TO BE REPLACED WITH LED FIXTURES.
5. INSTALLATION OF NEW CAMERAS AND SECURITY EQUIPMENT AS PER SCHOOL DISTRICT DIRECTIVE.
6. GC IS TO INFILL THE SLAB DEPRESSION AND PROVIDE PROPER FLOOR PREP FOR THE RUBBER SPORTS FLOORING.
7. NEW WATER HEATING FOR BUILDING OR LOCALIZED INSTA-HOTS DUE TO THE REMOVAL OF BUILDING #5.
8. REPAINT THE EXISTING WALLS, DOORS, FRAMES, BAR JOISTS, METAL DECKING, CONDUITS, CEILING MEP DEVICES, ETC.
9. REPLACE ALL GYPSUM CEILINGS WITH A NEW GYPSUM CEILING SYSTEM AS SHOWN.
10. REPAIR ANY CRACKED AND DELAMINATING STUCCO AS REQUIRED.
11. REPLACE CAULKING AS NEEDED AROUND EXISTING FRAMES, LOUVERS, ETC.
12. NEW FLOORING TRANSITION STRIPS.
13. NEW 4" VINYL COVE BASE.
14. REPLACEMENT OF EXISTING EXTERIOR LOUVERS WITH NEW LOUVERS CARRYING FLORIDA PRODUCT APPROVALS.
15. PRESSURE WASH THE ENTIRE BUILDING.
16. NEW BUILDING SIGNAGE.

DEMO PLAN KEYNOTES

1. DEMOLISH EXISTING BLEACHERS AS SHOWN IN PLAN.
2. DEMOLISH EXISTING GATES.
3. DEMOLISH EXISTING MECHANICAL EQUIPMENT.

DEMOLITION PLAN LEGEND

DEMO EXISTING BLEACHERS

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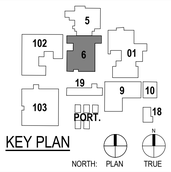
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - DEMOLITION FLOOR PLAN

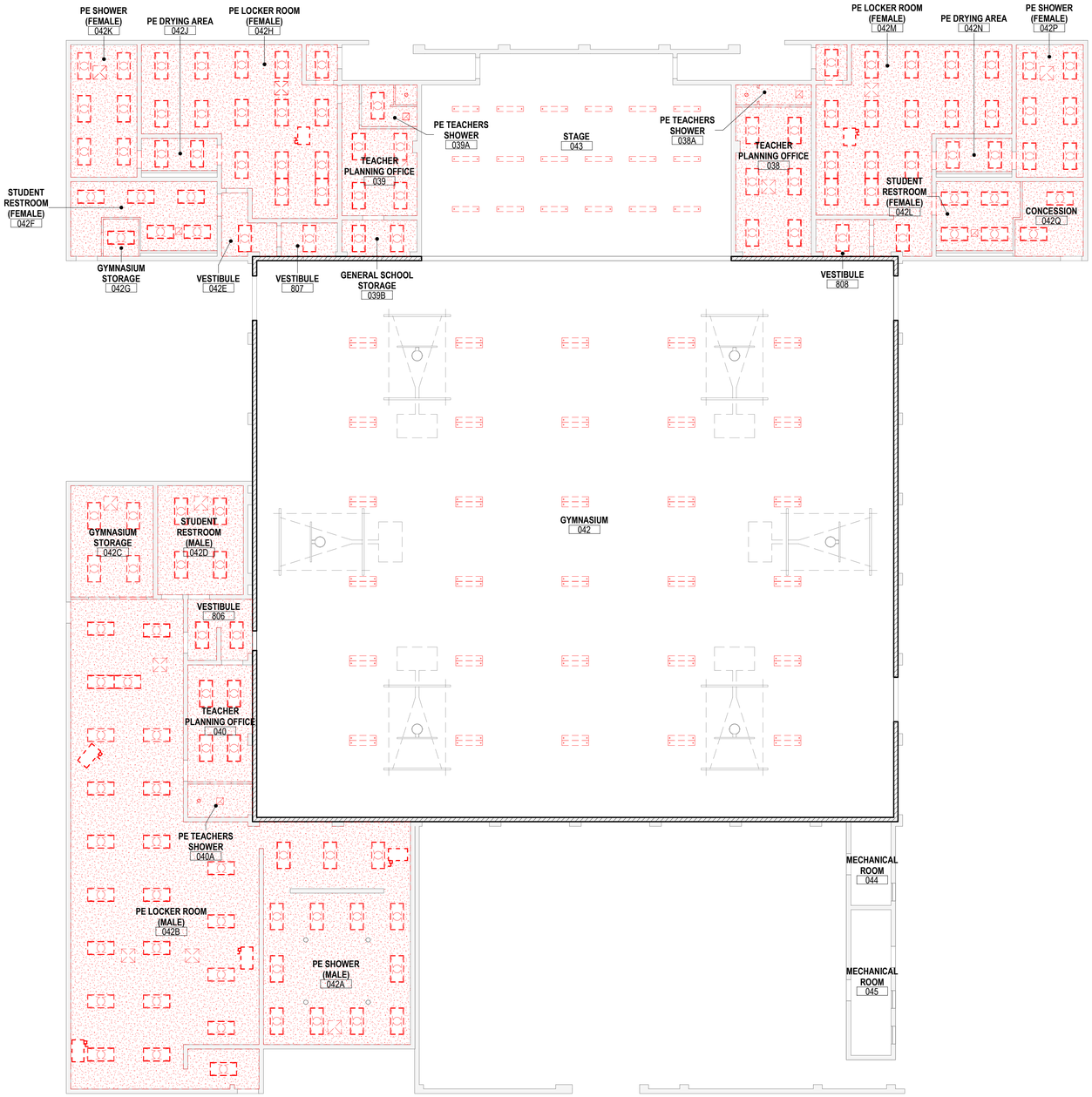
AD1-101

Plot Stamp:
5/29/2026 11:40:53 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #6 - OVERALL DEMOLITION CEILING PLAN
AD1-201



01 BUILDING #6 - OVERALL DEMOLITION CEILING PLAN
1/8" = 1'-0"

CEILING DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE CEILING DEMOLITION PHASE OF THIS PROJECT. REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
3. IF CONDITIONS IN THE FIELD DO NOT MATCH CONTRACT DOCUMENTS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING.
4. NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
5. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK. FROM MARTIN COUNTY SCHOOL DISTRICT.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
7. DO NOT SCALE DRAWINGS.
8. VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK. PROTECT EXISTING UTILITIES DURING DEMOLITION.
9. REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
10. CONSTRUCT TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
11. PROTECT ALL EXISTING CONSTRUCTION AND EQUIPMENT SCHEDULED TO REMAIN DURING DEMOLITION. ANY MATERIALS OR EQUIPMENT DAMAGED DURING DEMOLITION WILL BE PLACED IN KIND BY THE CONTRACTOR AT NO COST TO THE OWNER.
12. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
13. NOTIFY THE OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE OWNER IN GOOD AND CLEAN CONDITION.
14. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK OF THIS PROJECT. COORDINATE WITH OWNER AS REQUIRED.
15. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
16. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
17. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
18. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
19. WHERE EXISTING WALL OPENINGS ARE TO BE CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O. SEE DETAILS.
20. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
21. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE THE EXTENT OF ALL DEMOLITION WORK.
22. PATCH FLOORS, WALLS AND CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
23. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING. FLUSH WITH EXISTING FLOOR.

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- PROJECTOR SCREEN
- EXISTING HEATER
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

DEMOLITION CEILING LEGEND

- EXISTING WALLS
- DEMO EXISTING CEILING COMPONENT
- DEMO GYP. CEILING

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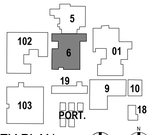
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - OVERALL DEMOLITION CEILING PLAN

AD1-201

Plot Stamp:
5/29/2026 11:42:24 AM

HB ESTIMATING REC'D 06.01.2026

0"

1"

BUILDING #6 - DEMO. ENLARGED CEILING PLAN - WOMEN'S LOCKER ROOM
AD1-201A

CEILING DEMOLITION NOTES

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3. IF CONDITIONS IN THE FIELD DO NOT MATCH CONTRACT DOCUMENTS, NOTIFY ARCHITECT IMMEDIATELY IN WRITING.
4. NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
5. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK. FROM MARTIN COUNTY SCHOOL DISTRICT.
6. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
7. DO NOT SCALE DRAWINGS.
8. VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK. PROTECT EXISTING UTILITIES DURING DEMOLITION.
9. REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATED INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
10. CONSTRUCT TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
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12. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
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DEMOLITION RCP KEYNOTES

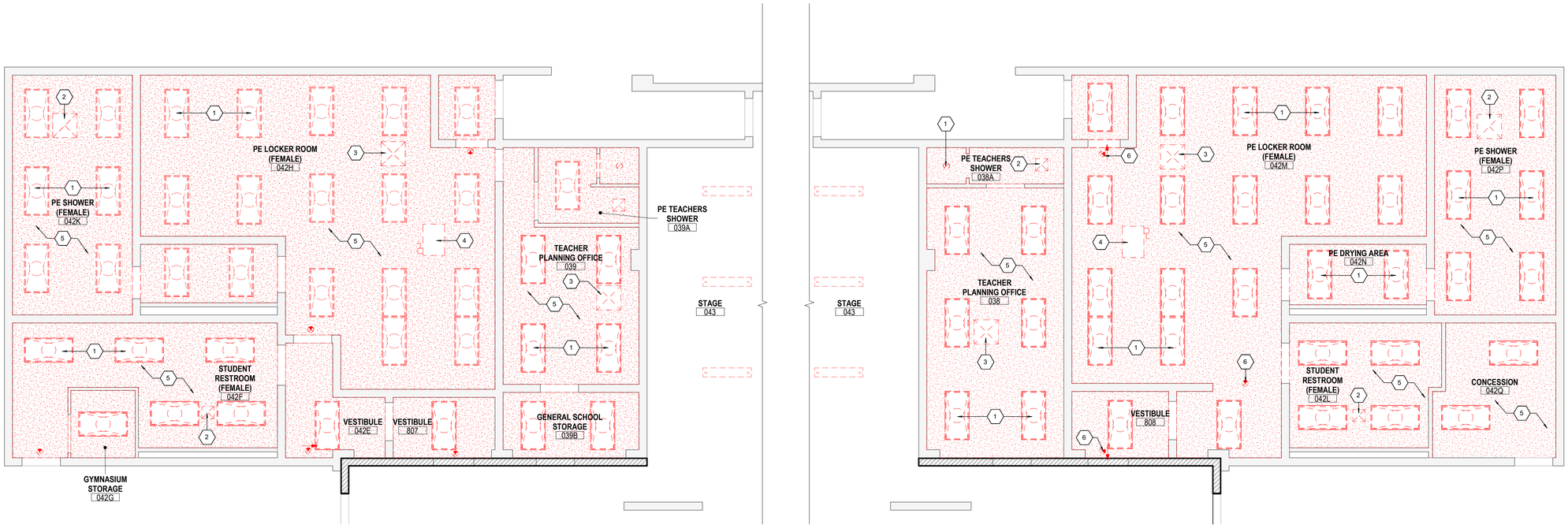
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3. REMOVE EXISTING SUPPLY/RETURN GRILLES.
4. REMOVE EXISTING SPACE HEATERS.
5. DEMOLISH EXISTING GYPSUM CEILING WHERE INDICATED.
6. REMOVE EXISTING EXIT SIGNS. TYP.

DEMOLITION CEILING LEGEND

- EXISTING WALLS
- DEMO EXISTING CEILING COMPONENT
- DEMO GYP. CEILING

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
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- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*



01 BUILDING #6 - ENLARGED DEMOLITION CEILING PLAN - WOMEN'S LOCKER ROOM
1/4" = 1'-0"

Plot Stamp:
5/29/2026 11:43:04 AM

HB ESTIMATING REC'D 06.01.2026

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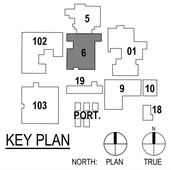
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: CF

VOLUME NO. 1

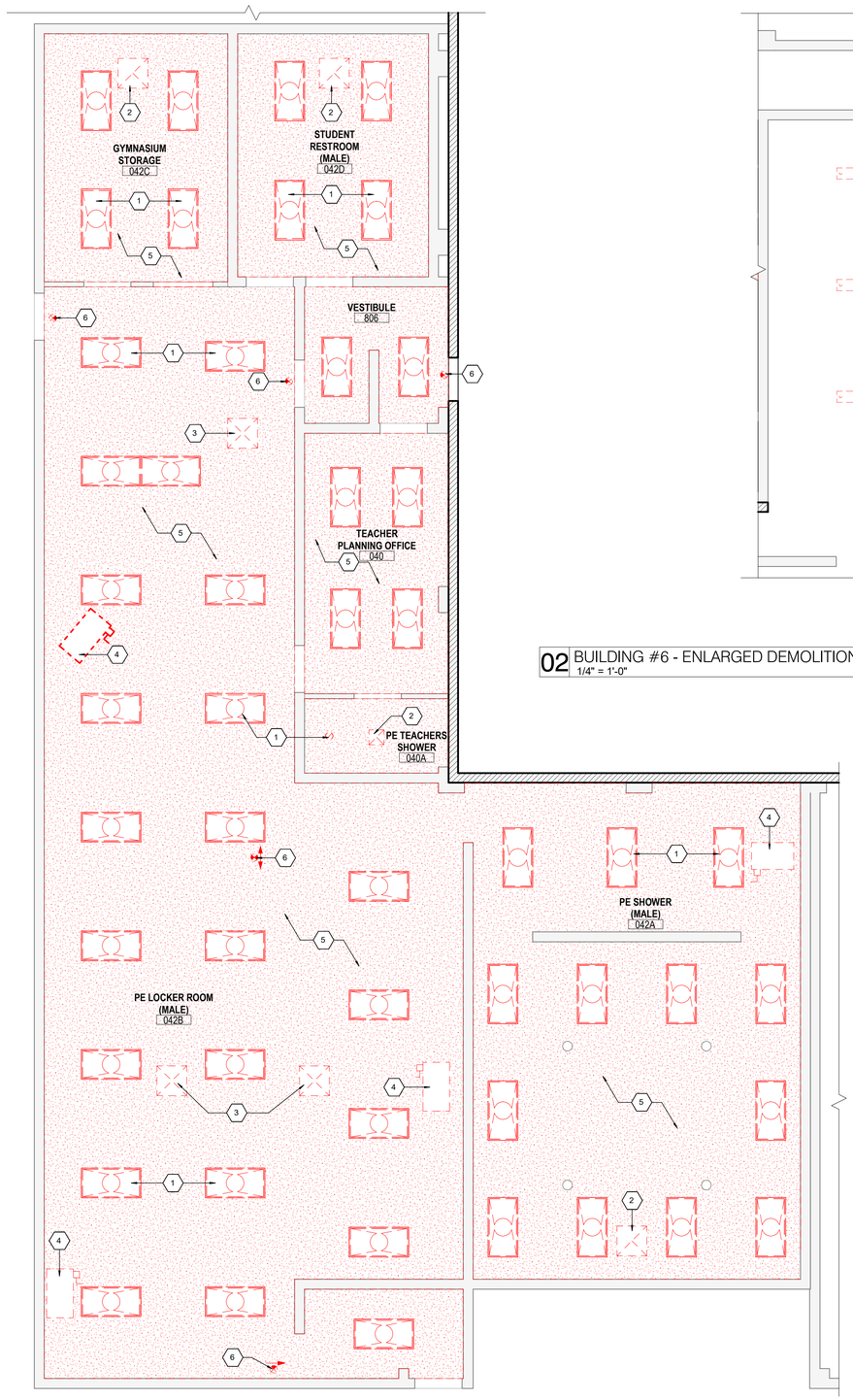
BUILDING #6 - DEMO. ENLARGED CEILING PLAN - WOMEN'S LOCKER ROOM

AD1-201A

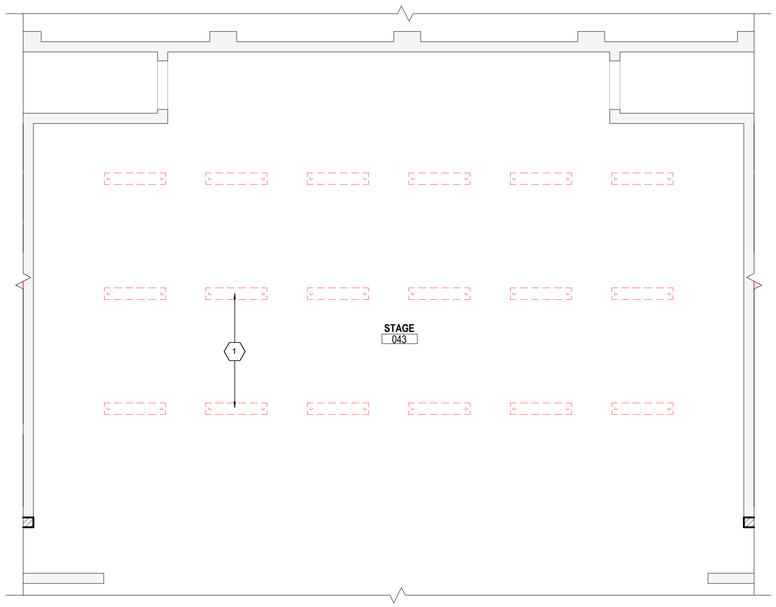
0"
1"

BUILDING #6 - DEMO. ENLARGED CEILING PLAN - MEN'S LOCKER ROOM & STAGE

AD1-201B



01 BUILDING #6 - ENLARGED DEMOLITION CEILING PLAN - MEN'S LOCKER ROOM
1/4" = 1'-0"



02 BUILDING #6 - ENLARGED DEMOLITION CEILING PLAN - STAGE
1/4" = 1'-0"

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(#) DEMOLITION RCP KEYNOTES

1. REMOVE EXISTING LIGHTING FIXTURES AS SHOWN. TYP.
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CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
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DEMOLITION CEILING LEGEND

- EXISTING WALLS
- DEMO EXISTING CEILING COMPONENT
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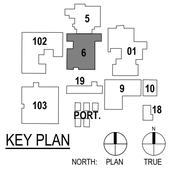
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN

NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT
ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25

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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - DEMO. ENLARGED CEILING PLAN - MEN'S LOCKER ROOM & STAGE

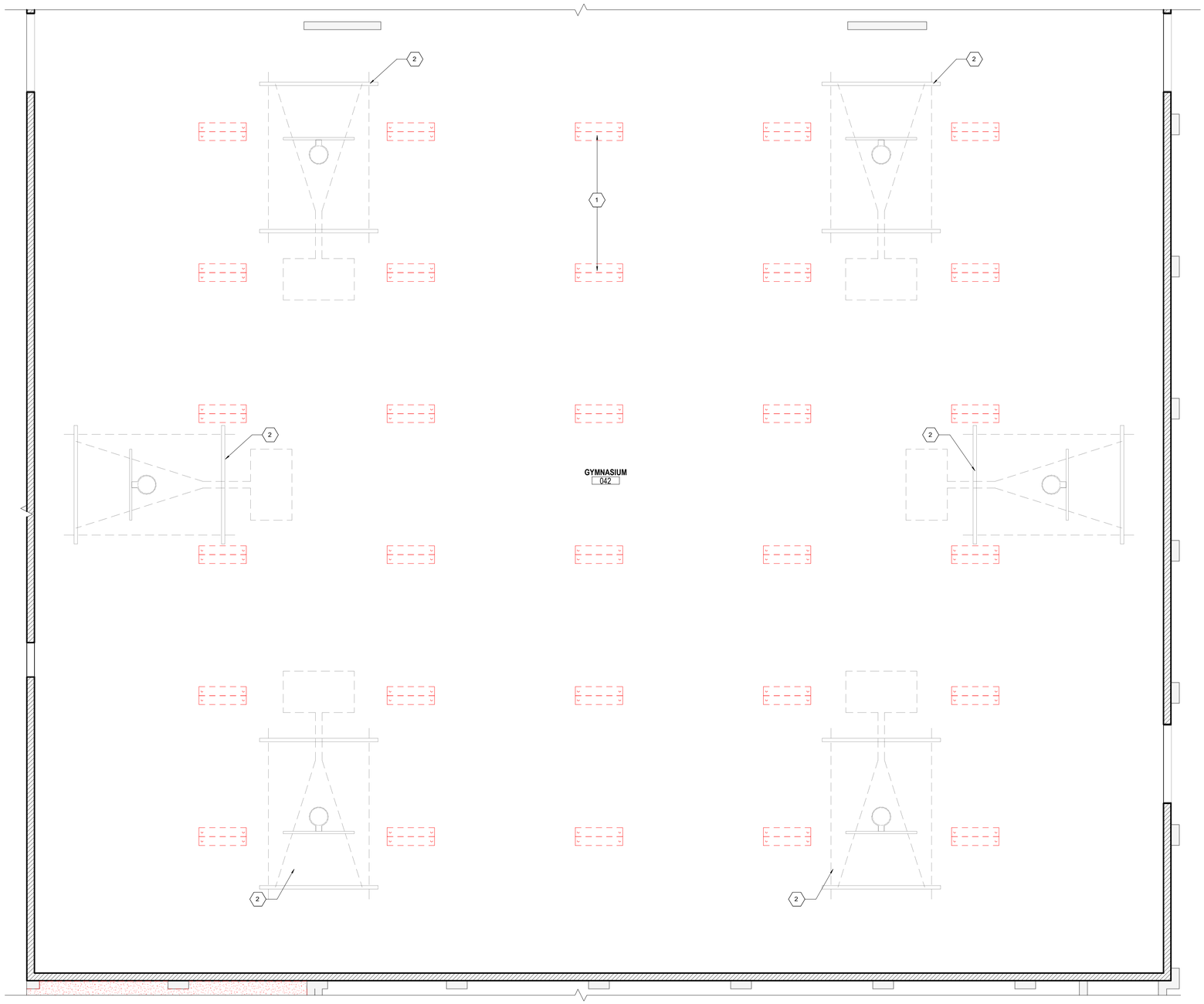
AD1-201B

Plot Stamp:
5/29/2026 11:43:47 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #6 - DEMO. ENLARGED CEILING PLAN - GYM
AD1-201C



01 BUILDING #6 - ENLARGED DEMOLITION CEILING PLAN - GYM
1/4" = 1'-0"

CEILING DEMOLITION NOTES

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18. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
19. WHERE EXISTING WALL OPENINGS ARE TO BE CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O. SEE DETAILS.
20. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
21. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE THE EXTENT OF ALL DEMOLITION WORK.
22. PATCH FLOORS, WALLS AND CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
23. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING. FLUSH WITH EXISTING FLOOR.

(#) DEMOLITION RCP KEYNOTES

1. REMOVE EXISTING LIGHTING FIXTURES AS SHOWN. TYP.
2. EXISTING BASKETBALL BACKBOARD TO REMAIN. TYP.

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- PROJECTOR SCREEN
- EXISTING HEATER
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

DEMOLITION CEILING LEGEND

- EXISTING WALLS
- DEMO EXISTING CEILING COMPONENT
- DEMO GYP. CEILING

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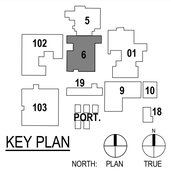
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - DEMO. ENLARGED CEILING PLAN - GYM

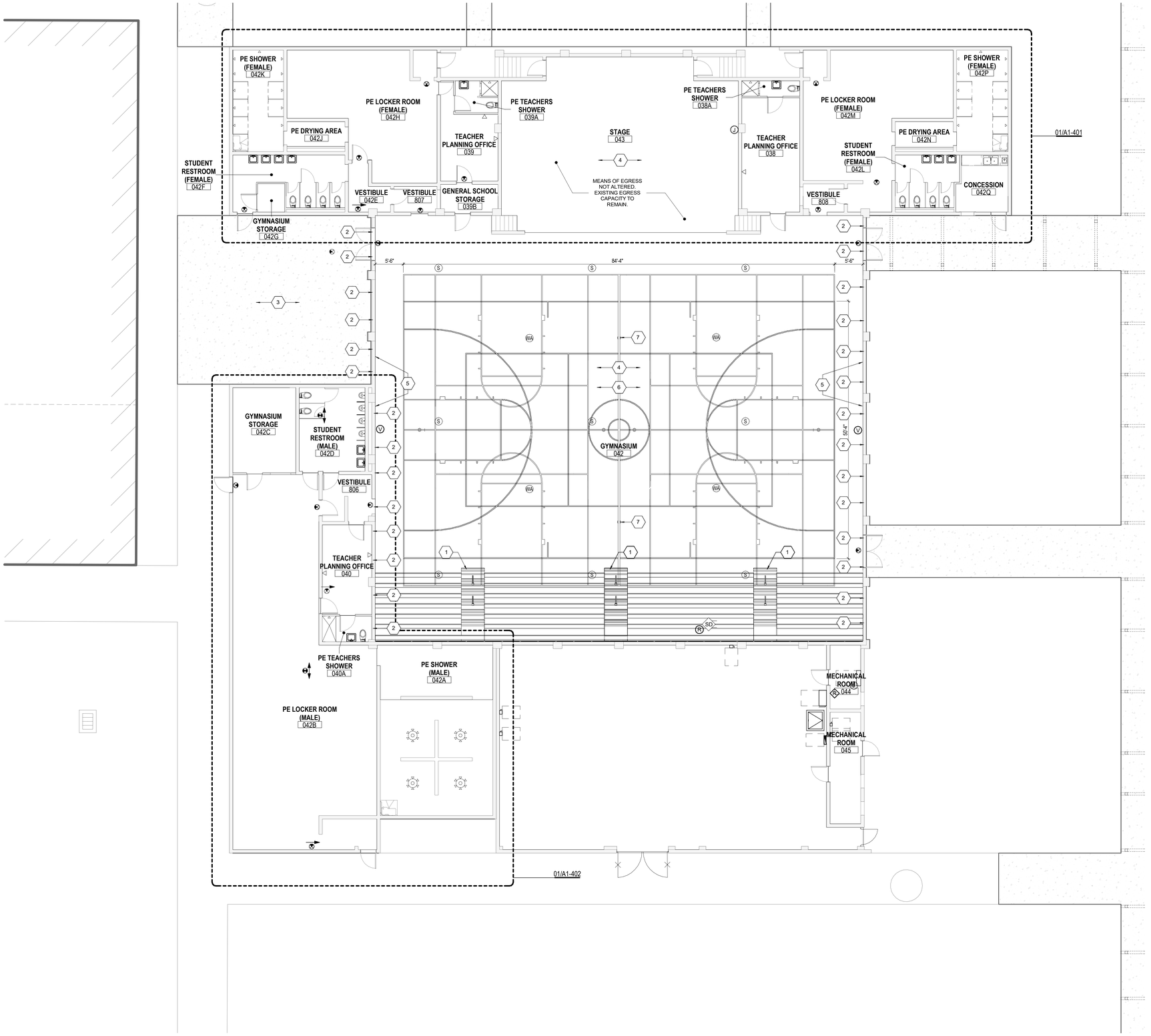
AD1-201C

Plot Stamp:
5/29/2026 11:44:33 AM

HB ESTIMATING REC'D 06.01.2026

BUILDING #6 - RENOVATION FLOOR PLAN
A1-101

0"
1"



01 BUILDING #6 - RENOVATION FLOOR PLAN
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE.
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN LINES OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "VIF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK.
7. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" OR "CLR" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS.
8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE S3 U.N.O. FOR RESTROOM PARTITION TYPES SEE SHEET A4-406.
10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O. FOR RESTROOM FURR-OUT PARTITIONS SEE SHEET A4-406.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL INTERIOR CMU OUTSIDE CORNERS SHALL HAVE BULLNOSE U.N.O.
14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
20. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

BUILDING #6 SCOPE OF WORK

THE SCOPE OF WORK IN BUILDING #6 INCLUDES, BUT IS NOT LIMITED TO:

1. FULL RE-COATING OF THE BUILDING ROOF.
   A. GC IS TO INCLUDE BLEACHER BLOCK UNDER THE FOOTPRINT OF THE BLEACHERS.
   B. EXISTING METAL ROOFING IS TO BE REMOVED AND REPLACED AS NEEDED IN DAMAGED LOCATIONS AS NOTED AND DETERMINED BY THE GC.
   C. TOTAL AREA OF WORK (SF) TO BE DETERMINED BY GC.
   D. GC TO CONFIRM AND DOCUMENT EXISTING CONDITIONS OF THE ROOF AT TIME OF REPAIRS.
2. UNCONDITIONED SPACES WILL NEED TO BE CONDITIONED WITH A NEW HVAC SYSTEM IN ACCORDANCE WITH DISTRICT STANDARDS.
3. DOORS IN POOR CONDITION ARE TO BE REPLACED.
4. ALL LIGHTING FIXTURES ARE TO BE REPLACED WITH LED FIXTURES.
5. INSTALLATION OF NEW CAMERAS AND SECURITY EQUIPMENT AS PER SCHOOL DISTRICT DIRECTIVE.
6. GC IS TO INFILL THE SLAB DEPRESSION AND PROVIDE PROPER FLOOR PREP FOR THE RUBBER SPORTS FLOORING.
7. NEW WATER HEATING FOR BUILDING OR LOCALIZED INSTA-HOTS DUE TO THE REMOVAL OF BUILDING #5.
8. REPAINT THE EXISTING WALLS, DOORS, FRAMES, BAR JOISTS, METAL DECKING, CONDUITS, CEILING MEP DEVICES, ETC.
9. REPLACE ALL GYPSUM CEILINGS WITH A NEW GYPSUM CEILING SYSTEM AS SHOWN.
10. REPAIR ANY CRACKED AND DELAMINATING STUCCO AS REQUIRED.
11. REPLACE CAULKING AS NEEDED AROUND EXISTING FRAMES, LOUVERS, ETC.
12. NEW FLOORING TRANSITION STRIPS.
13. NEW 4" VINYL COVE BASE.
14. REPLACEMENT OF EXISTING EXTERIOR LOUVERS WITH NEW LOUVERS CARRYING FLORIDA PRODUCT APPROVALS.
15. PRESSURE WASH THE ENTIRE BUILDING.
16. NEW BUILDING SIGNAGE.

FLOOR PLAN KEYNOTES

1. INSTALL 7 ROWS OF NEW HUSSEY MAXAM26 BLEACHERS AS SHOWN IN PLAN. GC TO INCLUDE BLEACHER BLOCK UNDER THE FOOTPRINT OF THE BLEACHERS.
2. PROPERLY INFILLING EXISTING WINDOWS WHICH WERE INCORRECTLY CLOSED IN, THUS CAUSING LEAKS IN THE BUILDING. INFILLS ARE TO BE RECESSED SO AS TO APPEAR INTENTIONAL.
3. EXISTING SIDEWALK AT THE WEST ENTRANCE IS TO BE RE-DONE AND SLOPED IN THE CORRECT DIRECTION.
4. GYM FLOOR SYSTEM IS TO BE REPLACED. GC IS TO INFILL THE SLAB DEPRESSION AND PROVIDE PROPER FLOOR PREP FOR THE RUBBER SPORTS FLOORING.
5. FULL REPLACEMENT OF WALL PADDING.
6. ALL EXISTING SPORT LINES TO BE REPAINTED ON THE NEW FLOORING SYSTEM. GC TO MATCH EXISTING COURT STRIPING DIMENSIONS.
7. NEW VOLLEYBALL POST COVER PLATES.

FLOOR PLAN LEGEND

- **10 65 13.4PSSM** METAL SHELVING, 72" H — SHELF LENGTH, SHELF WIDTH
- **10 44 00.FE#** FIRE EXTINGUISHER CABINET
- **10 11 00.MBP** PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- **A.E.D.** **10 43 00.AED** AUTOMATED EXTERNAL DEFIBRILLATOR
- **10 11 00.TKB** TACKBOARD — LENGTH
- **F.E.C.** **11 52 00.PC1** PROJECTOR, CEILING MOUNTED (OFOI)
- CR CARD READER REFER TO TECHNOLOGY
- EXIT SIGN
- OP LV AUTOMATIC OPERATOR REFER TO TECHNOLOGY
- WA WIRELESS ACCESS
- V VIDEO CAMERA

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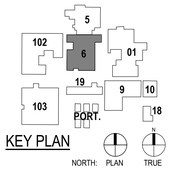
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

BUILDING #6 - RENOVATION FLOOR PLAN

A1-101

Plot Stamp:
5/29/2026 11:45:32 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #6 - REFLECTED CEILING PLAN - WOMEN'S LOCKER ROOM
A1-201A

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- PROJECTOR SCREEN
- EXISTING HEATER
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

GENERAL CEILING PLAN NOTES

1. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
2. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
3. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
4. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
5. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
6. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
7. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.

RCP KEYNOTES

1. INSTALL NEW LED LIGHTING FIXTURES AS SHOWN. TYP
2. INSTALL NEW EXIT SIGNS AS SHOWN.
3. INSTALL NEW GYPSUM BOARD CEILING AS SHOWN. TYP.
4. LIGHTS ABOVE WALL/CEILING

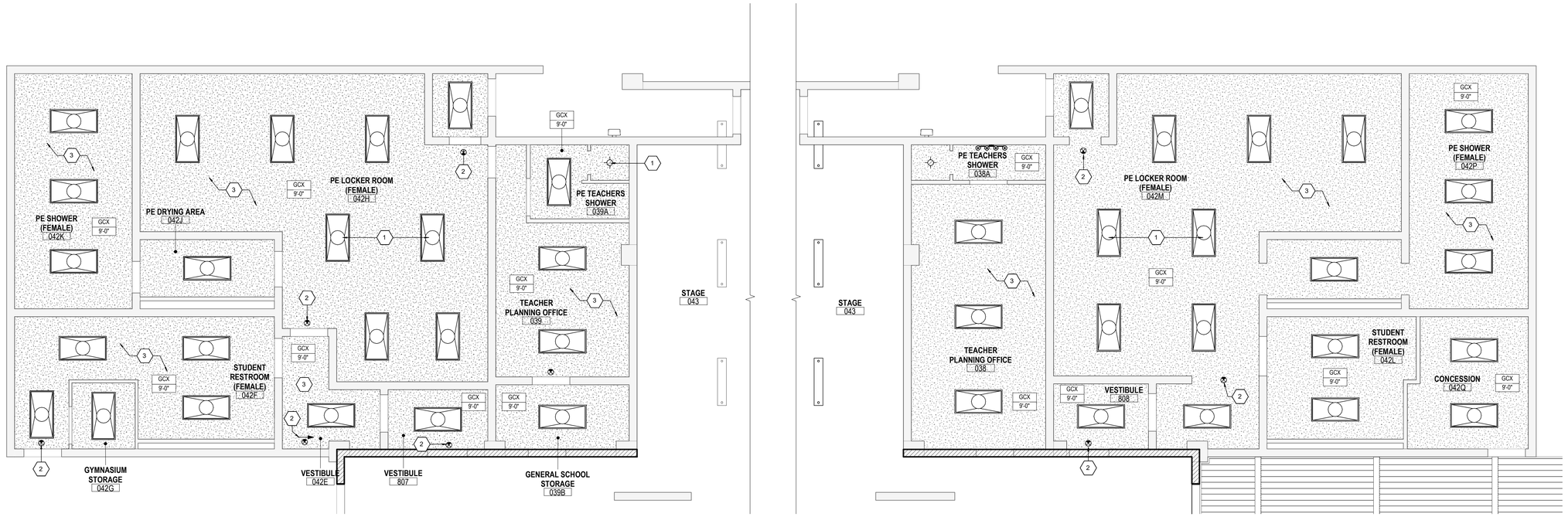
CEILING MATERIALS LEGEND

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP2

EXP2 - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED PER MCSD

GWB ON THIS ROOM SIDE OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.



01 BUILDING #6 - ENLARGED REFLECTED CEILING PLAN - WOMEN'S LOCKER ROOM
1/4" = 1'-0"

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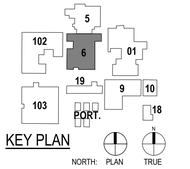
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

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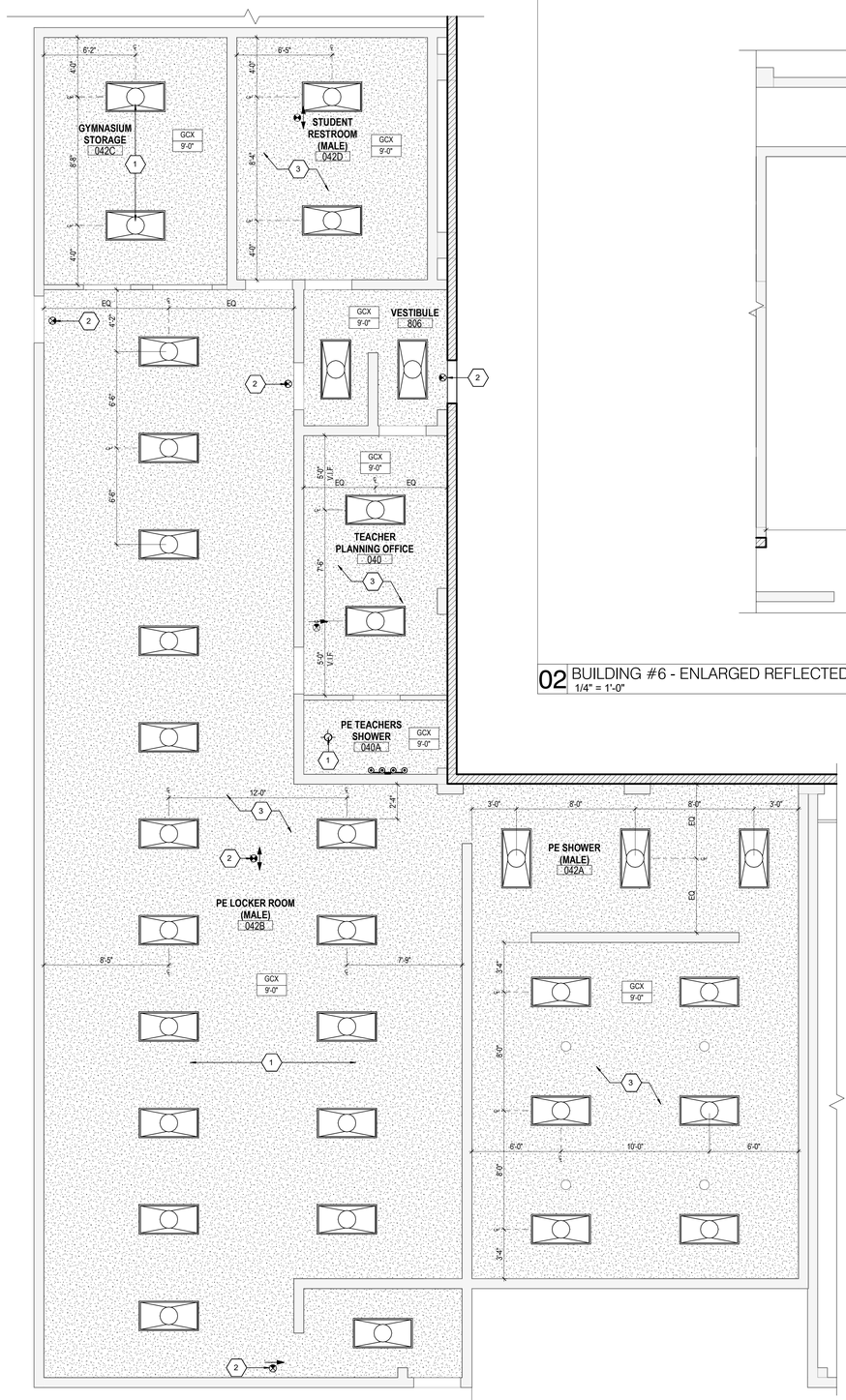
VOLUME NO. 1

BUILDING #6 - REFLECTED CEILING PLAN - WOMEN'S LOCKER ROOM

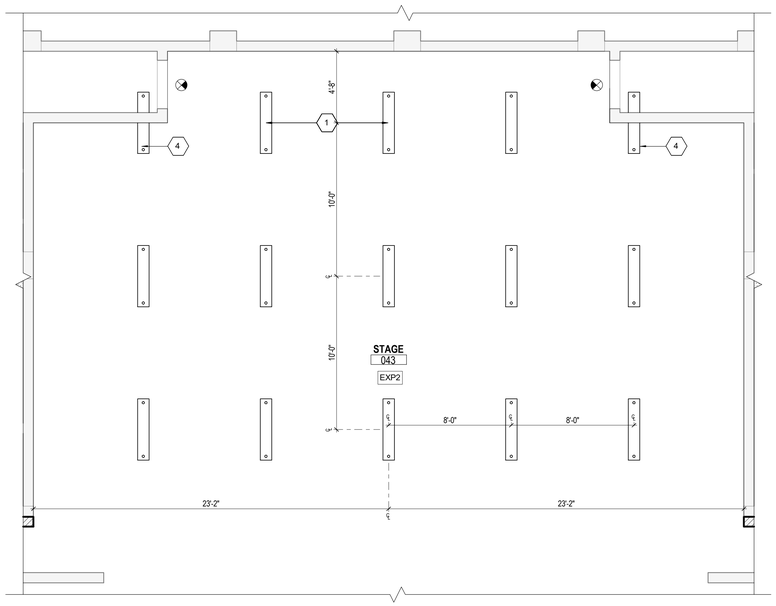
A1-201A

0"
1"

BUILDING #6 - REFLECTED CEILING PLAN - MEN'S LOCKER ROOM & STAGE
A1-201B



01 BUILDING #6 - ENLARGED REFLECTED CEILING PLAN - MEN'S LOCKER ROOM
1/4" = 1'-0"



02 BUILDING #6 - ENLARGED REFLECTED CEILING PLAN - STAGE
1/4" = 1'-0"

GENERAL CEILING PLAN NOTES

1. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
2. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
3. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
4. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
5. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
6. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
7. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- PROJECTOR SCREEN
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- EXISTING HEATER
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- EXIT SIGN
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

RCP KEYNOTES

1. INSTALL NEW LED LIGHTING FIXTURES AS SHOWN. TYP
2. INSTALL NEW EXIT SIGNS AS SHOWN.
3. INSTALL NEW GYPSUM BOARD CEILING AS SHOWN. TYP.
4. LIGHTS ABOVE WALL/CEILING

CEILING MATERIALS LEGEND

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP2

EXP2 - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED PER MCSD

GWB ON THIS ROOM SIDE OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.

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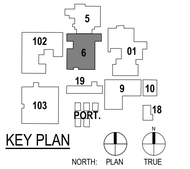
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - REFLECTED CEILING PLAN - MEN'S LOCKER ROOM & STAGE

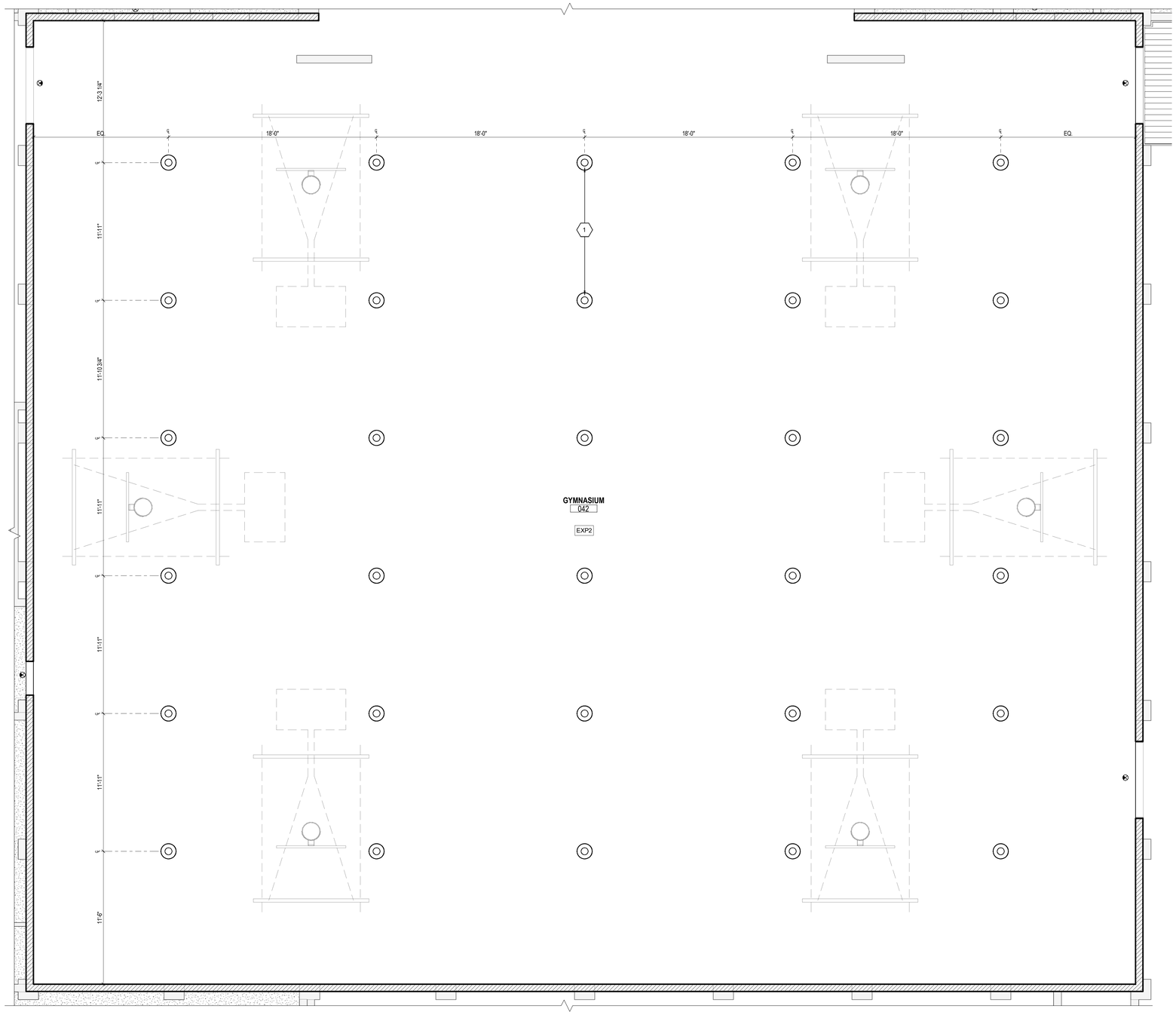
A1-201B

Plot Stamp:
5/29/2026 11:50:46 AM

HB ESTIMATING REC'D 06.01.2026

BUILDING #6 - REFLECTED CEILING PLAN - GYM
A1-201C

0"
1"



01 BUILDING #6 - ENLARGED REFLECTED CEILING PLAN - GYM
1/4" = 1'-0"

GENERAL CEILING PLAN NOTES

1. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
2. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
3. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
4. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
5. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
6. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
7. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.

CEILING FIXTURE LEGEND

- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- PROJECTOR SCREEN
- EXISTING HEATER
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

RCP KEYNOTES

1. INSTALL NEW LED LIGHTING FIXTURES AS SHOWN. TYP

CEILING MATERIALS LEGEND

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP2

EXP2 - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED PER MCSD

GWB ON THIS ROOM SIDE OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.

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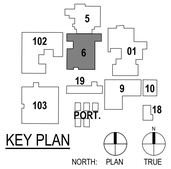
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

DRAWN BY: CF

VOLUME NO. 1

BUILDING #6 - REFLECTED CEILING PLAN - GYM

A1-201C

Plot Stamp:
5/29/2026 11:51:48 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #6 - ENLARGED FLOOR PLAN - WOMEN'S LOCKER ROOM
A1-401

FLOOR PLAN LEGEND

10 65 13.4PSSM
METAL SHELVING, 72" H
SHELF LENGTH
SHELF WIDTH

10 11 00.MBP
PORCELAIN-ENAMEL MARKERBOARD
LENGTH

10 11 00.TKB
TACKBOARD
LENGTH

CR — CARD READER
REFER TO TECHNOLOGY

OP — LV AUTOMATIC OPERATOR
REFER TO TECHNOLOGY

10 44 00.FE#
FIRE EXTINGUISHER CABINET

A.E.D. — **10 43 00.AED**
AUTOMATED EXTERNAL DEFIBRILLATOR

F.E.C. — **11 52 00.PC1**
PROJECTOR, CEILING MOUNTED (OFOI)

EXIT SIGN

WA — WIRELESS ACCESS

V — VIDEO CAMERA

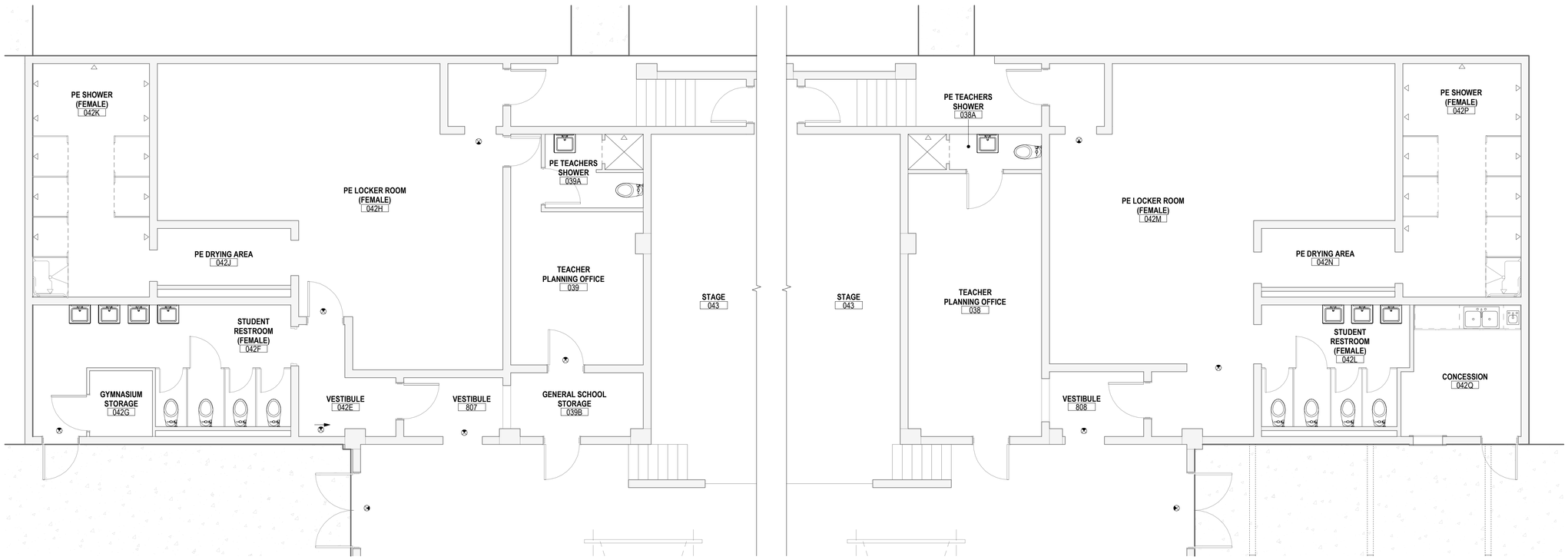
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4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
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10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O. FOR RESTROOM FURR-OUT PARTITIONS SEE SHEET A4-406.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL INTERIOR CMU OUTSIDE CORNERS SHALL HAVE BULLNOSE U.N.O.
14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
20. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

BUILDING #6 SCOPE OF WORK

THE SCOPE OF WORK IN BUILDING #6 INCLUDES, BUT IS NOT LIMITED TO:

1. FULL RE-COATING OF THE BUILDING ROOF.
   A. GC IS TO INCLUDE BLEACHER BLOCK UNDER THE FOOTPRINT OF THE BLEACHERS.
   B. EXISTING METAL ROOFING IS TO BE REMOVED AND REPLACED AS NEEDED IN DAMAGED LOCATIONS AS NOTED AND DETERMINED BY THE GC.
   C. TOTAL AREA OF WORK (SF) TO BE DETERMINED BY GC.
   D. GC TO CONFIRM AND DOCUMENT EXISTING CONDITIONS OF THE ROOF AT TIME OF REPAIRS.
2. UNCONDITIONED SPACES WILL NEED TO BE CONDITIONED WITH A NEW HVAC SYSTEM IN ACCORDANCE WITH DISTRICT STANDARDS.
3. DOORS IN POOR CONDITION ARE TO BE REPLACED.
4. ALL LIGHTING FIXTURES ARE TO BE REPLACED WITH LED FIXTURES.
5. INSTALLATION OF NEW CAMERAS AND SECURITY EQUIPMENT AS PER SCHOOL DISTRICT DIRECTIVE.
6. GC IS TO INFILL THE SLAB DEPRESSION AND PROVIDE PROPER FLOOR PREP FOR THE RUBBER SPORTS FLOORING.
7. NEW WATER HEATING FOR BUILDING OR LOCALIZED INSTA-HOTS DUE TO THE REMOVAL OF BUILDING #5
8. REPAINT THE EXISTING WALLS, DOORS, FRAMES, BAR JOISTS, METAL DECKING, CONDUITS, CEILING MEP DEVICES, ETC.
9. REPLACE ALL GYPSUM CEILINGS WITH A NEW GYPSUM CEILING SYSTEM AS SHOWN.
10. REPAIR ANY CRACKED AND DELAMINATING STUCCO AS REQUIRED.
11. REPLACE CAULKING AS NEEDED AROUND EXISTING FRAMES, LOUVERS, ETC.
12. NEW FLOORING TRANSITION STRIPS.
13. NEW 4" VINYL COVE BASE.
14. REPLACEMENT OF EXISTING EXTERIOR LOUVERS WITH NEW LOUVERS CARRYING FLORIDA PRODUCT APPROVALS.
15. PRESSURE WASH THE ENTIRE BUILDING.
16. NEW BUILDING SIGNAGE.



01 BUILDING #6 - ENLARGED FLOOR PLAN - WOMEN'S LOCKER ROOM
1/4" = 1'-0"

Plot Stamp:
5/29/2026 11:52:51 AM

HB ESTIMATING REC'D 06.01.2026

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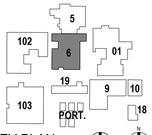
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

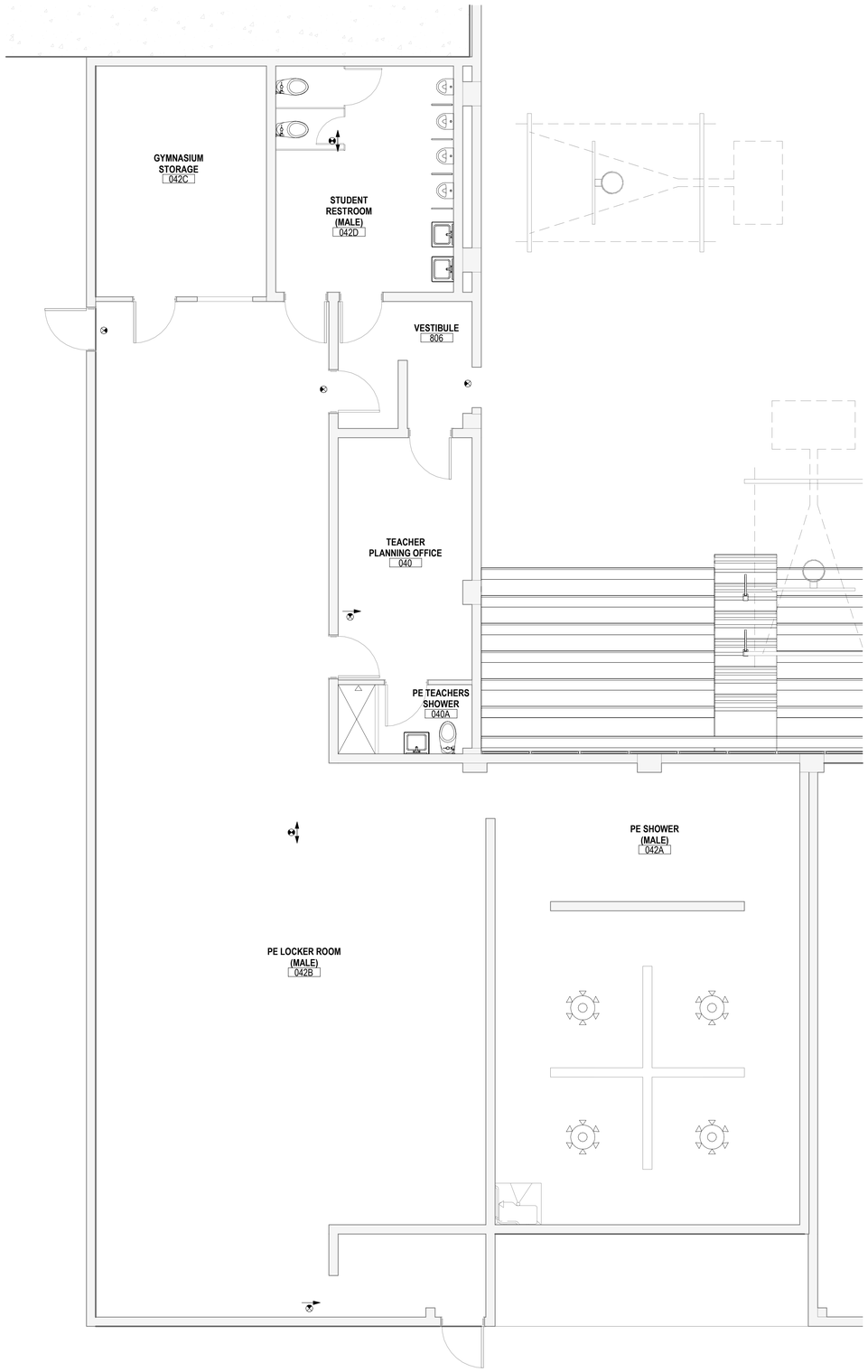
VOLUME NO. 1

BUILDING #6 - ENLARGED FLOOR PLAN - WOMEN'S LOCKER ROOM

A1-401

0"
1"

BUILDING #6 - ENLARGED FLOOR PLAN - MEN'S LOCKER ROOM
A1-402



01 ENLARGED FLOOR PLAN - BOYS' LOCKER ROOM
1/4" = 1'-0"

GENERAL ARCH PLAN NOTES

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16. NEW BUILDING SIGNAGE.

FLOOR PLAN LEGEND

- **10 65 13.4PSSM** METAL SHELVING, 72" H — SHELF LENGTH, SHELF WIDTH
- **10 11 00.MBP** PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- **10 11 00.TKB** TACKBOARD — LENGTH
- CR — CARD READER, REFER TO TECHNOLOGY
- OP — LV AUTOMATIC OPERATOR, REFER TO TECHNOLOGY
- **10 44 00.FE#** FIRE EXTINGUISHER CABINET
- A.E.D. — **10 43 00.AED** AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. — **11 52 00.PC1** PROJECTOR, CEILING MOUNTED (OFOI)
- EXIT SIGN
- WA — WIRELESS ACCESS
- V — VIDEO CAMERA

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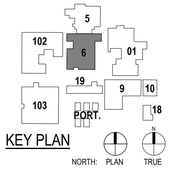
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT

DRAWN BY: AM

VOLUME NO. 1

BUILDING #6 - ENLARGED FLOOR PLAN - MEN'S LOCKER ROOM

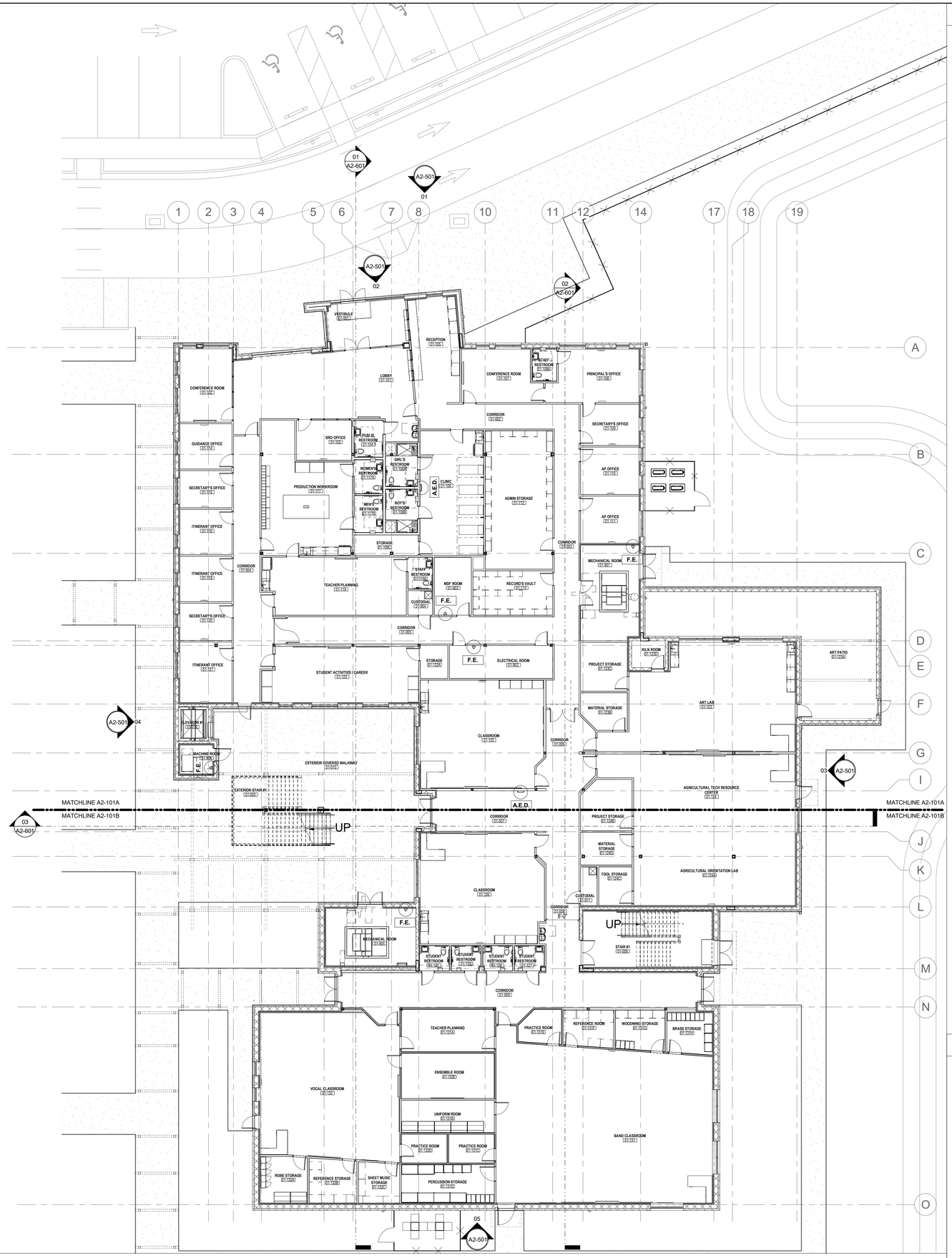
A1-402

Plot Stamp:
5/29/2026 11:53:40 AM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - OVERALL FIRST FLOOR PLAN
A2-101



01 BUILDING #01 - OVERALL FIRST FLOOR PLAN
3/32" = 1'-0"

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FLOOR PLAN LEGEND

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- **10 44 00.FE#** FIRE EXTINGUISHER CABINET
- **10 11 00.MBP** PORCELAIN-ENAMEL MARKERBOARD — LENGTH
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- **F.E.C.** **11 52 00.PC1** PROJECTOR, CEILING MOUNTED (OFOI)
- CR CARD READER — REFER TO TECHNOLOGY
- EXIT SIGN
- OP LV AUTOMATIC OPERATOR — REFER TO TECHNOLOGY
- WA WIRELESS ACCESS
- V VIDEO CAMERA

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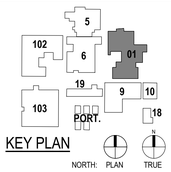
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA — ANTONIO MIRAGAYA — AR102545 — REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT: MARTIN COUNTY SCHOOL DISTRICT
DATE: 2026/05/25 | PROJECT NUMBER: 25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

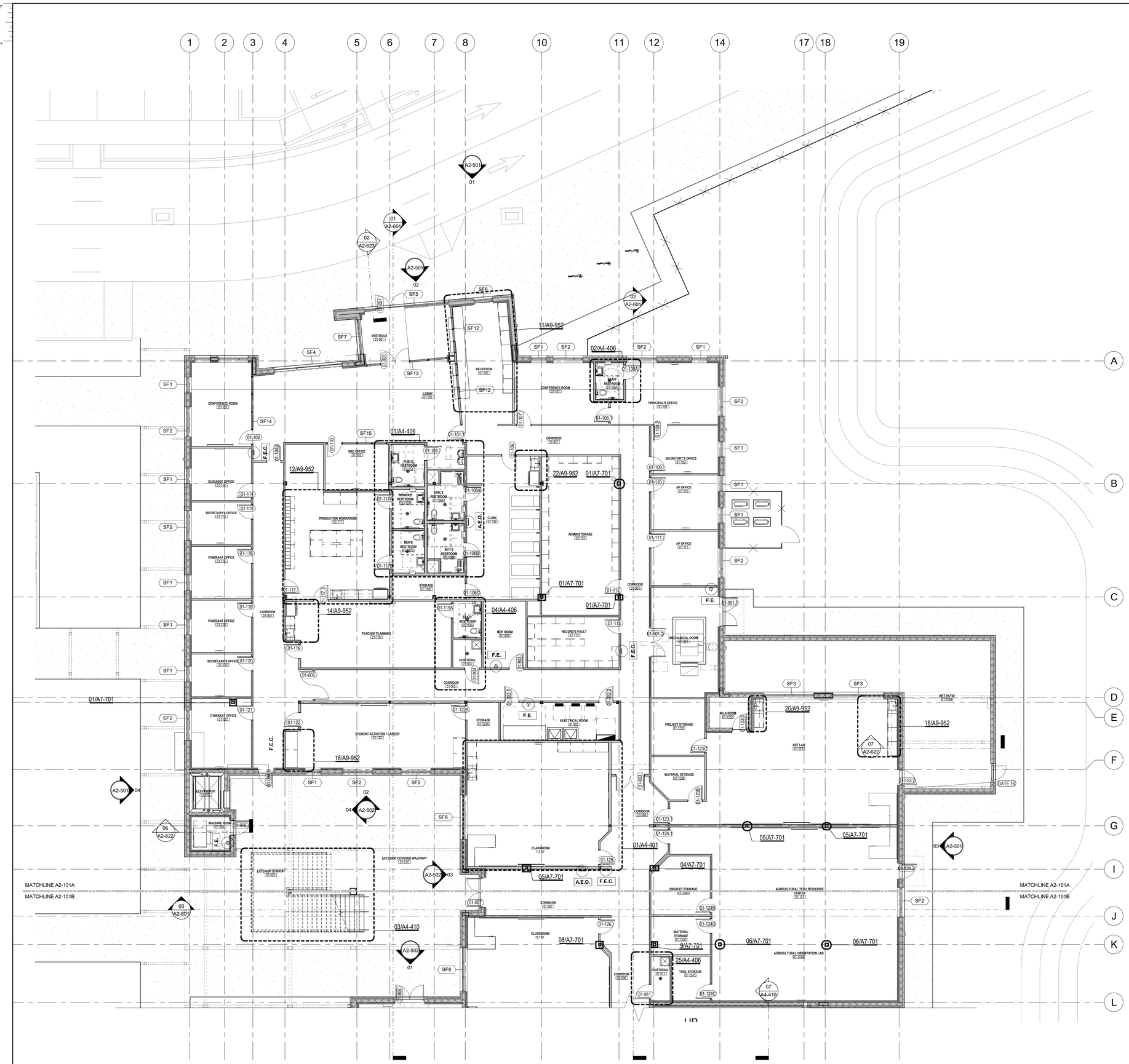
BUILDING #01 - OVERALL FIRST FLOOR PLAN

A2-101

Plot Stamp:
5/29/2026 2:26:39 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - FIRST FLOOR PLAN AREA A
A2-101A



01 BUILDING #01 - FIRST FLOOR PLAN AREA A
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

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8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
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12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL INTERIOR CMU OUTSIDE CORNERS SHALL HAVE BULLNOSE U.N.O.
14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
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21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
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FLOOR PLAN LEGEND

- **10 65 13.4PSSM** METAL SHELVING, 72" H — SHELF LENGTH, SHELF WIDTH
- **10 11 00.MBP** PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- **10 11 00.TKB** TACKBOARD — LENGTH
- CR — CARD READER, REFER TO TECHNOLOGY
- OP — LV AUTOMATIC OPERATOR, REFER TO TECHNOLOGY
- **10 44 00.FE#** FIRE EXTINGUISHER CABINET
- A.E.D. — **10 43 00.AED** AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. — **11 52 00.PC1** PROJECTOR, CEILING MOUNTED (OPOI)
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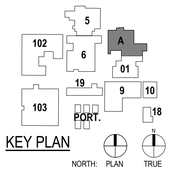
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR PLAN AREA A

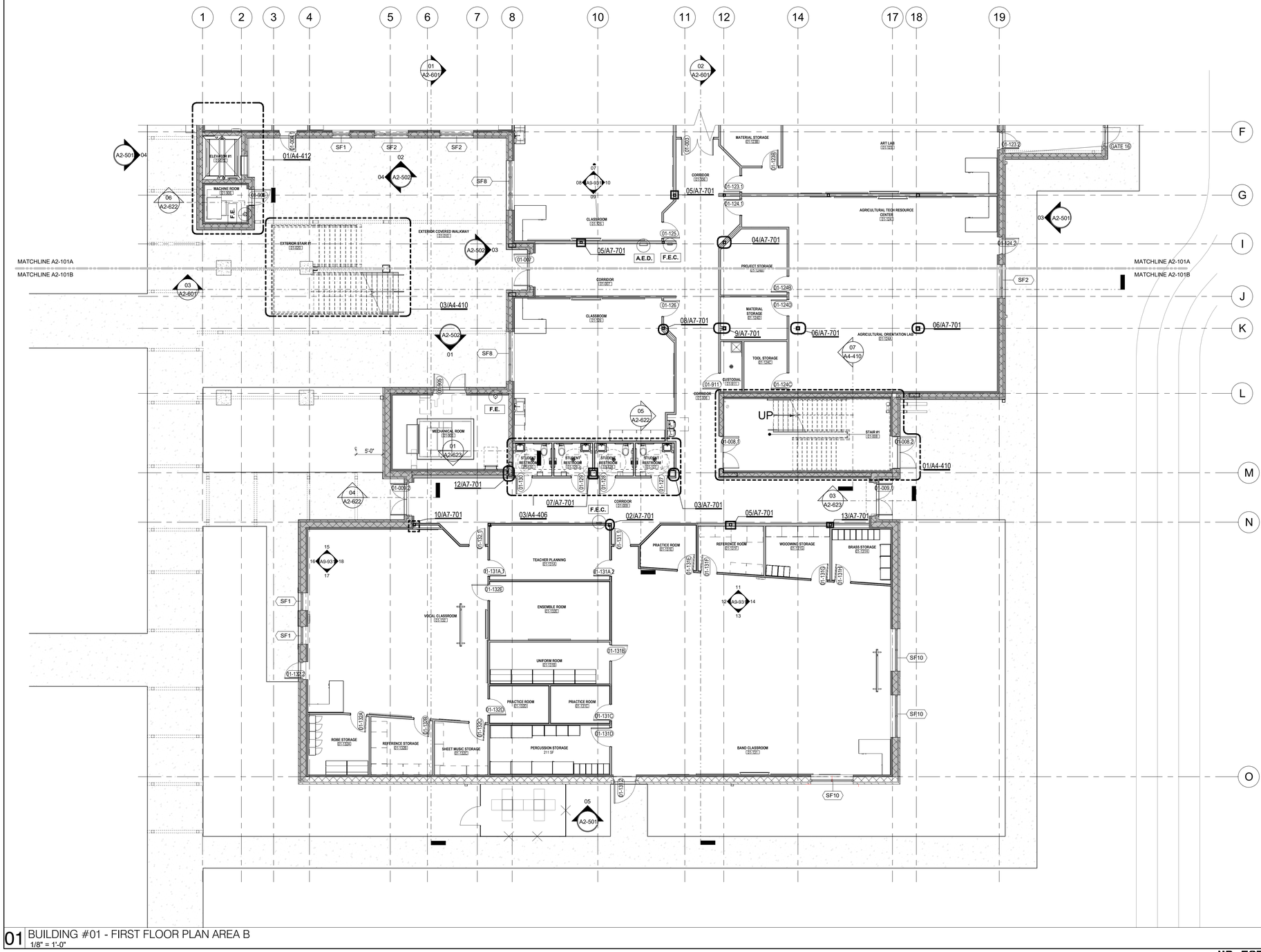
A2-101A

Plot Stamp:
5/29/2026 2:33:03 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - FIRST FLOOR PLAN AREA B
A2-101B

0"
1"



01 BUILDING #01 - FIRST FLOOR PLAN AREA B
1/8" = 1'-0"

Plot Stamp:
5/29/2026 2:33:31 PM

GENERAL ARCH PLAN NOTES

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HB ESTIMATING REC'D 06.01.2026

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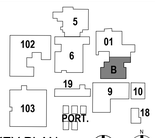
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN — NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

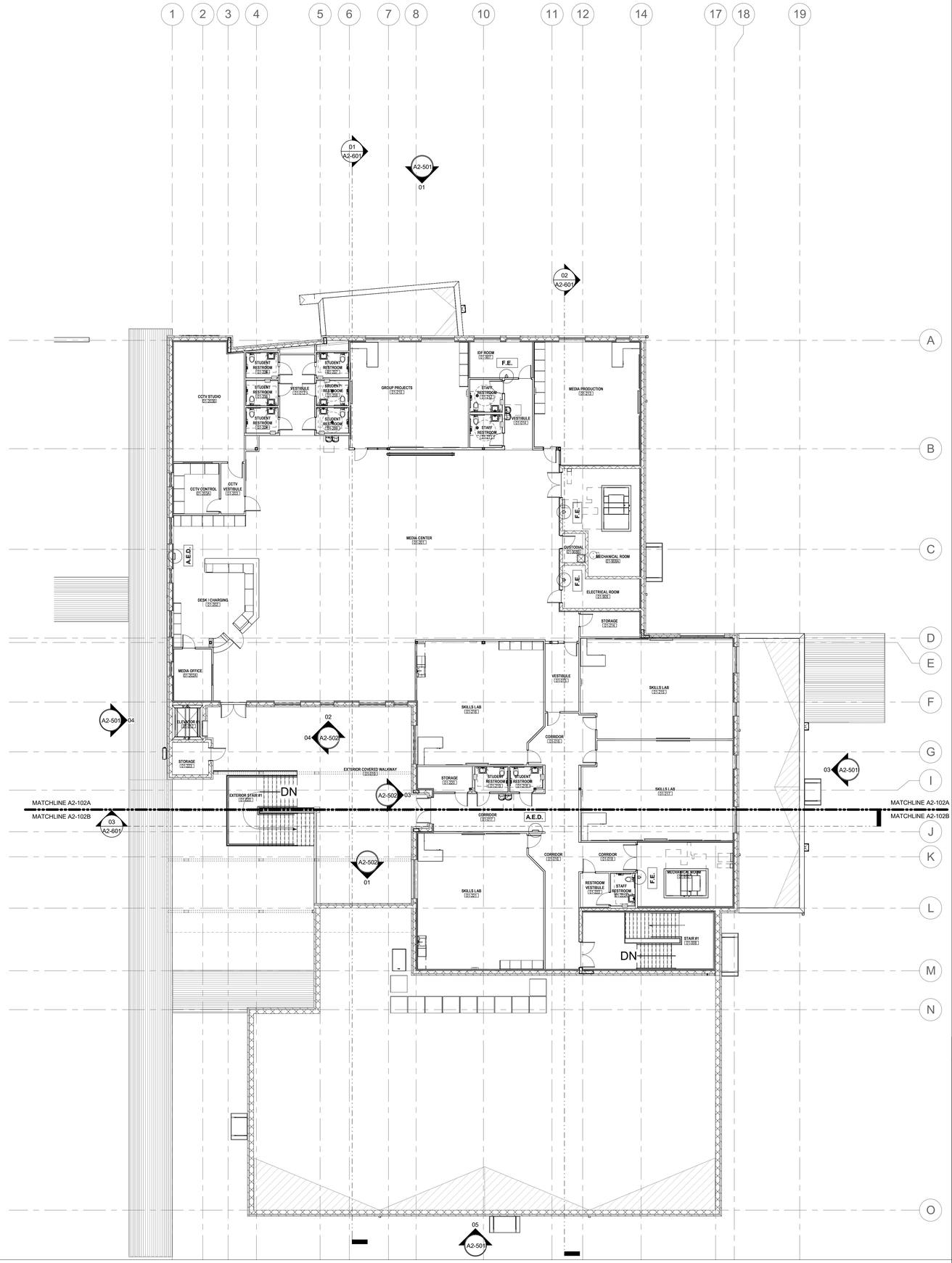
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DRAWN BY: AM

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR PLAN AREA B

A2-101B

BUILDING #01 - OVERALL SECOND FLOOR PLAN
A2-102



01 BUILDING #01 - OVERALL SECOND FLOOR PLAN
3/32" = 1'-0"

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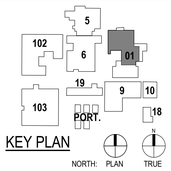
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

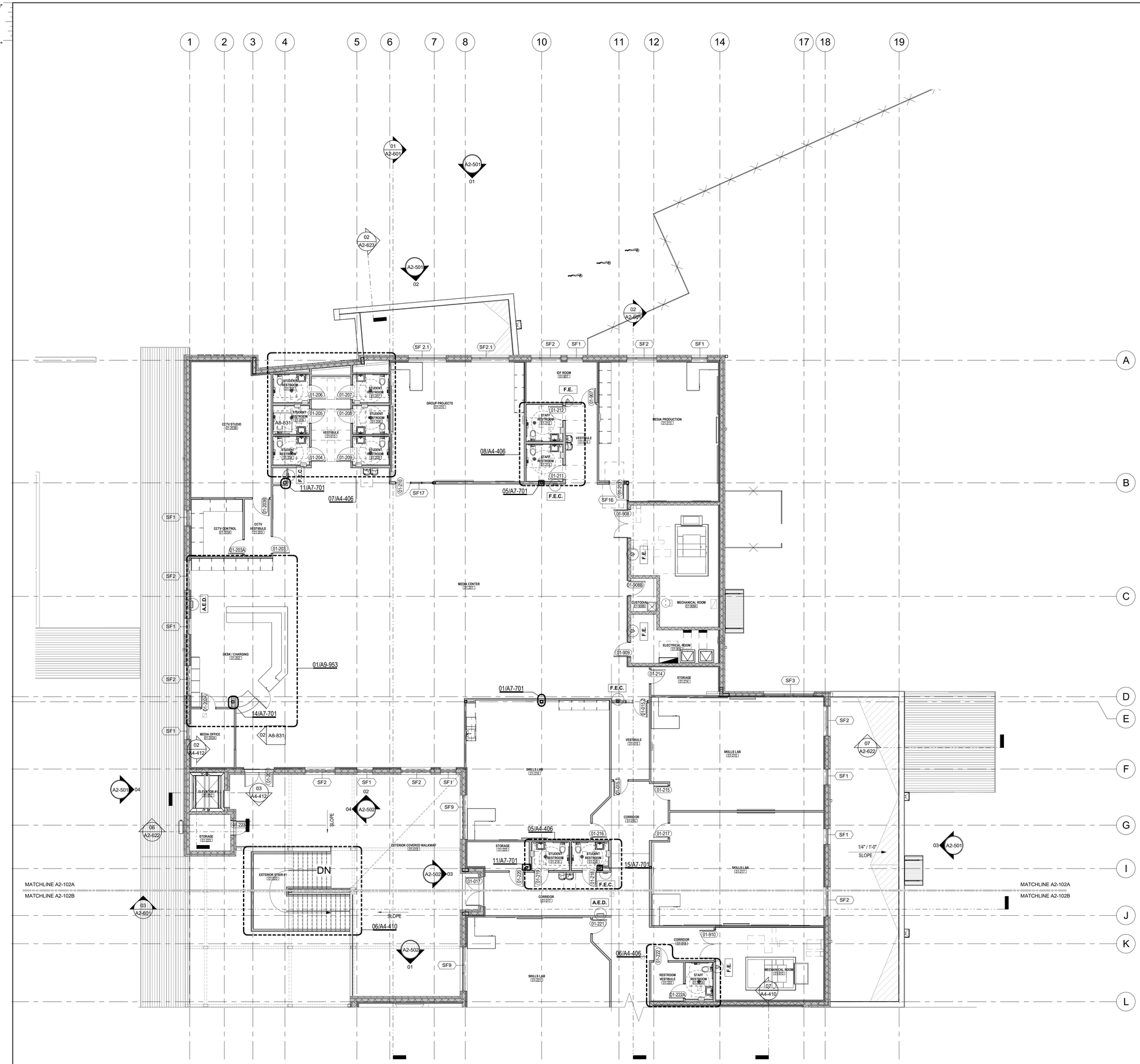
BUILDING #01 - OVERALL SECOND FLOOR PLAN

A2-102

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 2:34:27 PM

BUILDING #01 - SECOND FLOOR PLAN AREA A
A2-102A



01 BUILDING #01 - SECOND FLOOR PLAN AREA A
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

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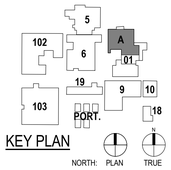
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KEY PLAN
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STATE OF FLORIDA
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AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR PLAN AREA A

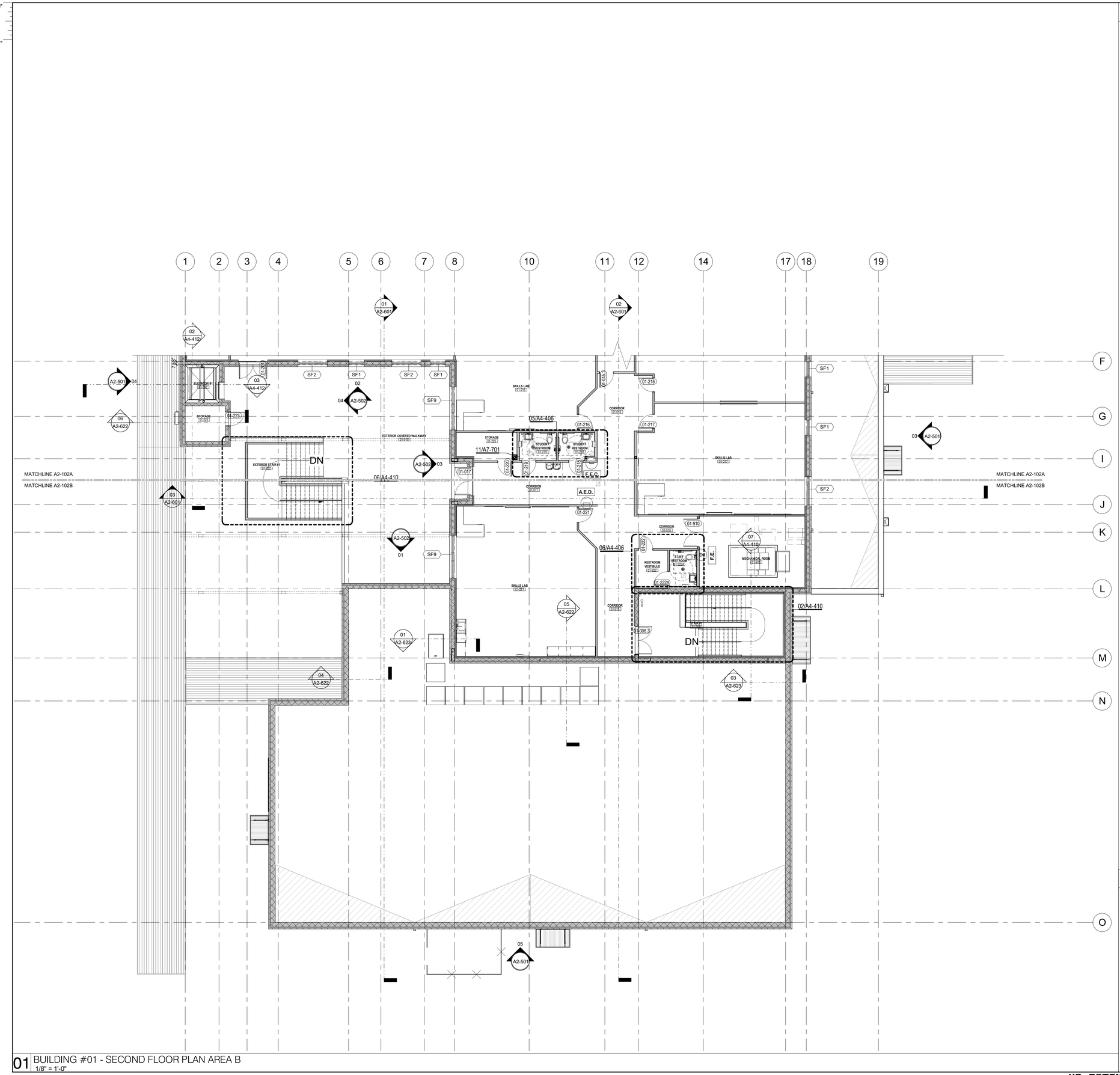
A2-102A

Plot Stamp:
5/29/2026 2:35:43 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - SECOND FLOOR PLAN AREA B
A2-102B

0"
1"



01 BUILDING #01 - SECOND FLOOR PLAN AREA B
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14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
20. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS; ALL PLUMBING FIXTURES; ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

FLOOR PLAN LEGEND

- 10 65 13.4PSSM — METAL SHELVING, 72" H — SHELF LENGTH, SHELF WIDTH
- 10 44 00.FE# — FIRE EXTINGUISHER CABINET
- 10 11 00.MBP — PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- A.E.D. — 10 43 00.AED — AUTOMATED EXTERNAL DEFIBRILLATOR
- 10 11 00.TKB — TACKBOARD — LENGTH
- F.E.C. — 11 52 00.PC1 — PROJECTOR, CEILING MOUNTED (OFOI)
- CR — CARD READER, REFER TO TECHNOLOGY
- EXIT SIGN
- OP — LV AUTOMATIC OPERATOR, REFER TO TECHNOLOGY
- WA — WIRELESS ACCESS
- V — VIDEO CAMERA

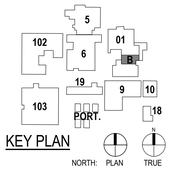
PBK
www.pbk.com
FL FIRM: AR 0013140
WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR PLAN AREA B

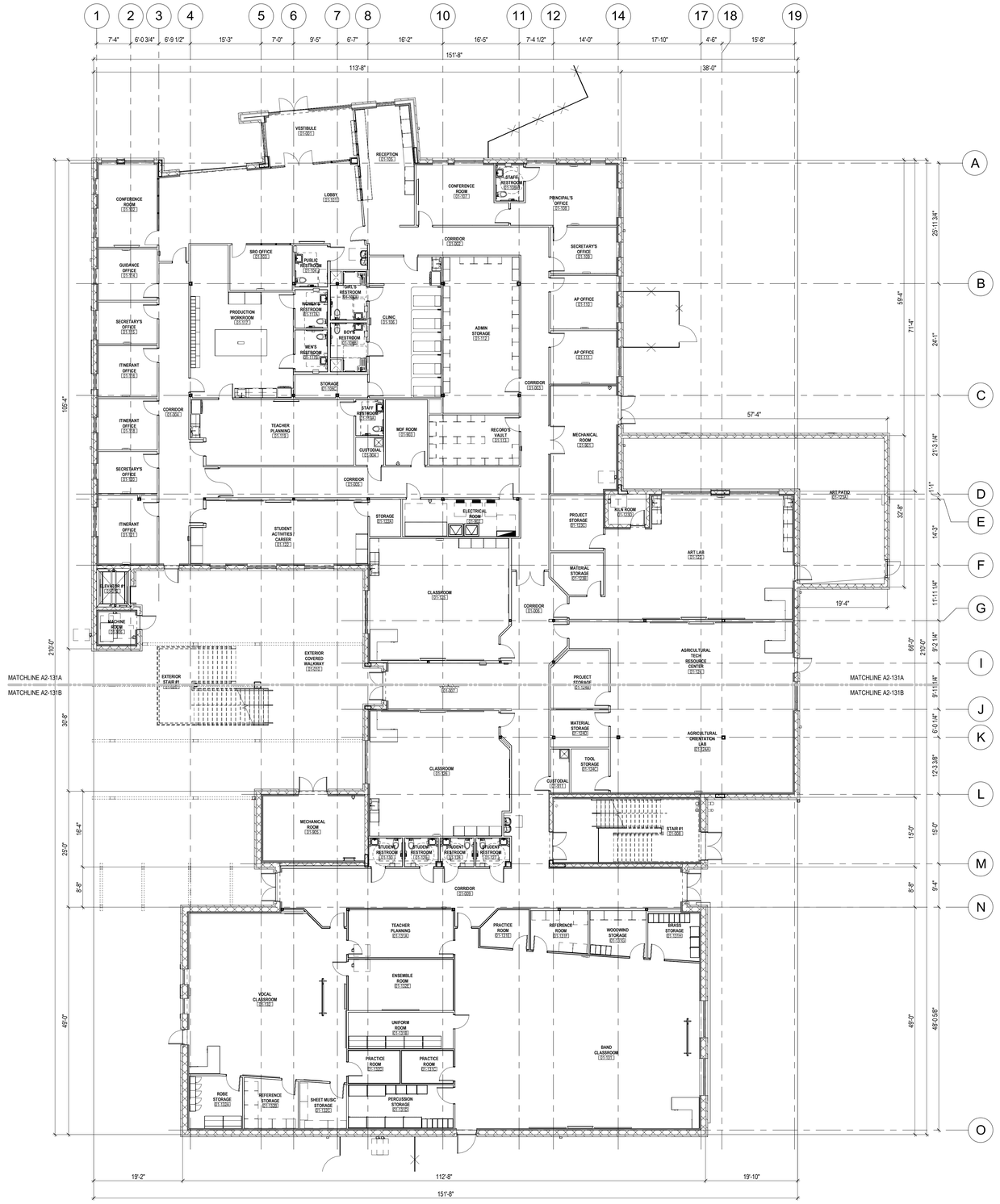
A2-102B

Plot Stamp:
5/29/2026 2:36:14 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - FIRST FLOOR OVERALL DIMENSION PLAN
A2-131



01 BUILDING #01 - FIRST FLOOR OVERALL DIMENSION PLAN
3/32" = 1'-0"

GENERAL ARCH PLAN NOTES

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DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

PBK

www.pbk.com
FL FIRM: AR 0013140
WEST PALM BEACH, FL
561-478-4457

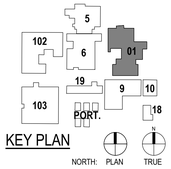
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: TP

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR OVERALL DIMENSION PLAN

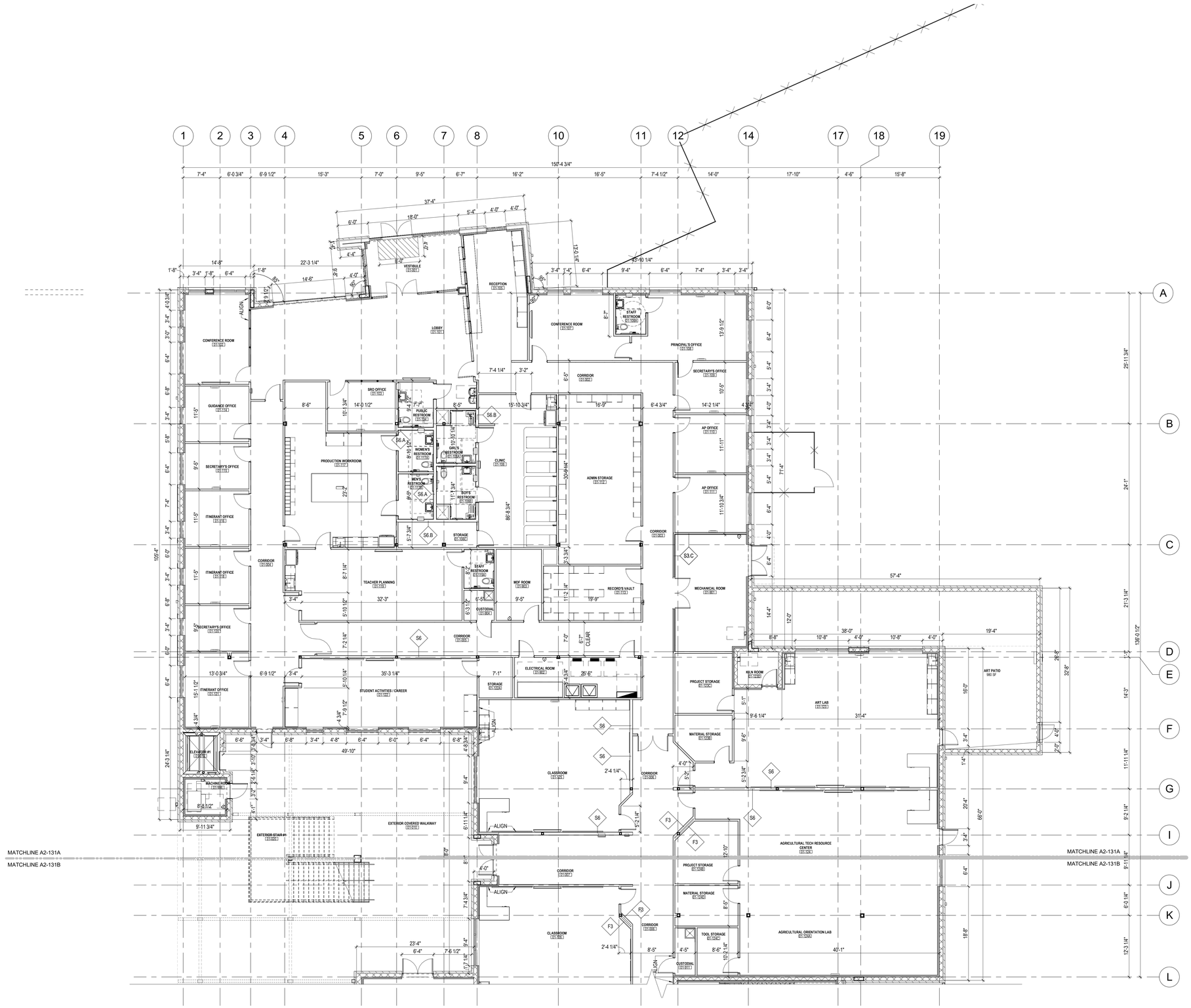
A2-131

Plot Stamp:
5/29/2026 2:41:04 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - FIRST FLOOR DIMENSION PLAN AREA A
A2-131A

0"
1"



01 BUILDING #01 - FIRST FLOOR DIMENSIONS PLAN AREA A
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

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DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

PBK

WEST PALM BEACH, FL 561-478-4457 | FL FIRM : AR 0013140 | www.pbk.com

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR DIMENSION PLAN AREA A

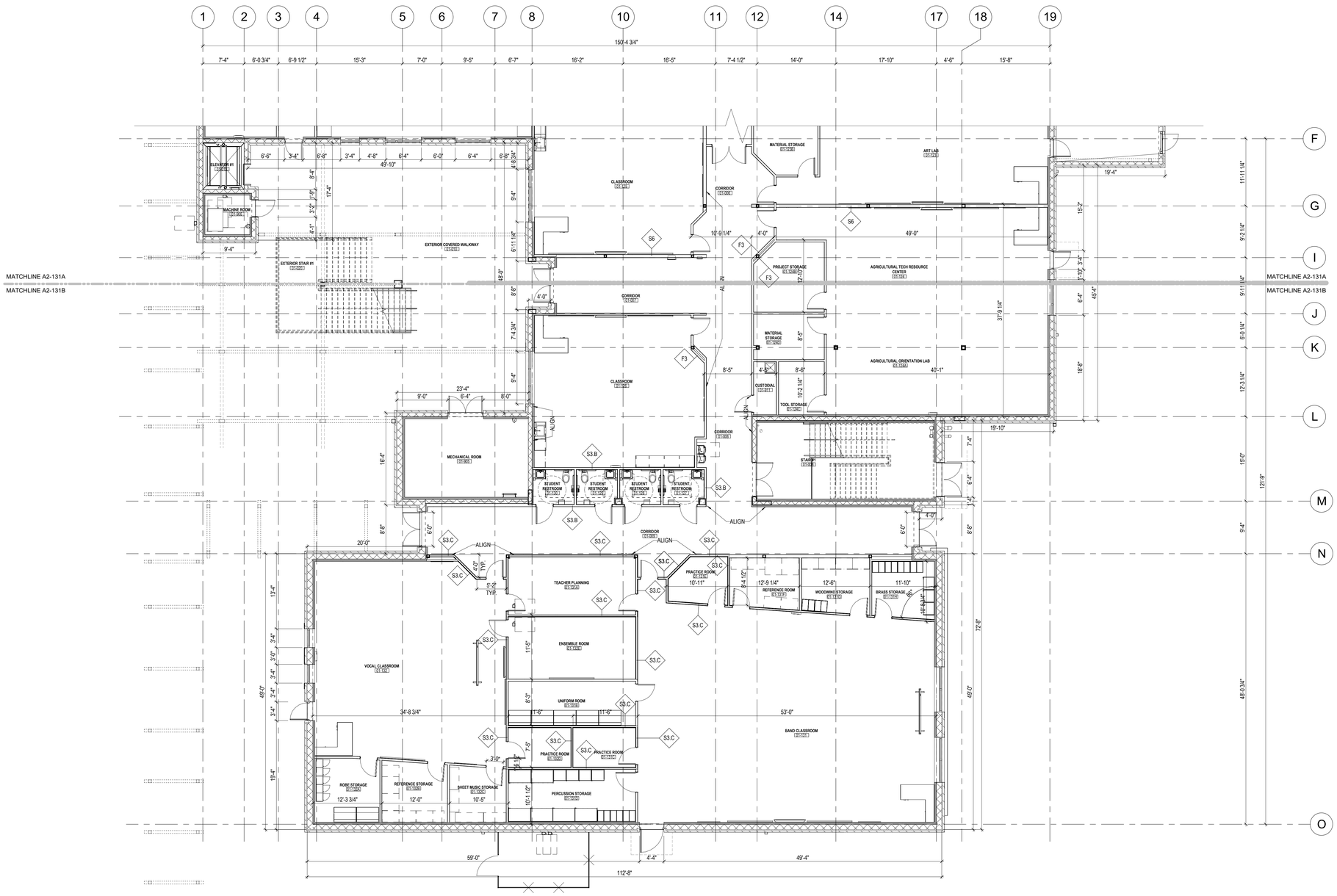
A2-131A

Plot Stamp:
5/29/2026 2:37:55 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - FIRST FLOOR DIMENSION PLAN AREA B
A2-131B



01 BUILDING #01 - FIRST FLOOR DIMENSIONS PLAN AREA B
1/8" = 1'-0"

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DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

PBK

www.pbk.com
FL FIRM - AR 0013140
WEST PALM BEACH, FL
561-478-4457

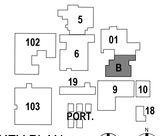
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR DIMENSION PLAN AREA B

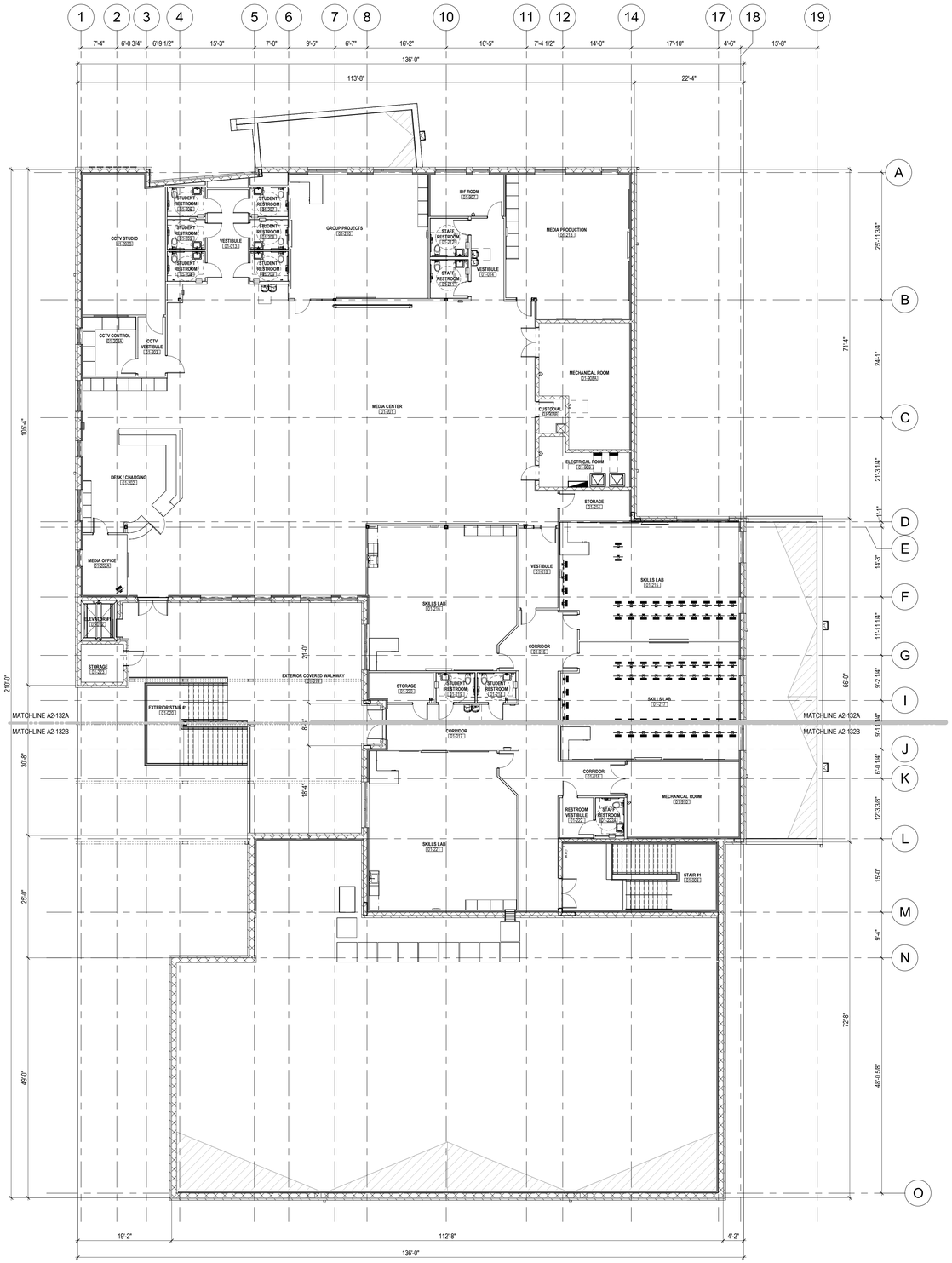
A2-131B

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 2:38:50 PM

BUILDING #01 - SECOND FLOOR OVERALL DIMENSION PLAN
A2-132

0"
1"



02 BUILDING #01 - SECOND FLOOR OVERALL DIMENSION PLAN
3/32" = 1'-0"

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DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

PBK

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FL FIRM : AR 0013140
WEST PALM BEACH, FL
561-478-4457

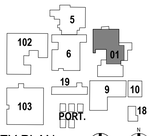
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
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CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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DRAWING HISTORY

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VOLUME NO. 1

BUILDING #01 - SECOND FLOOR OVERALL DIMENSION PLAN

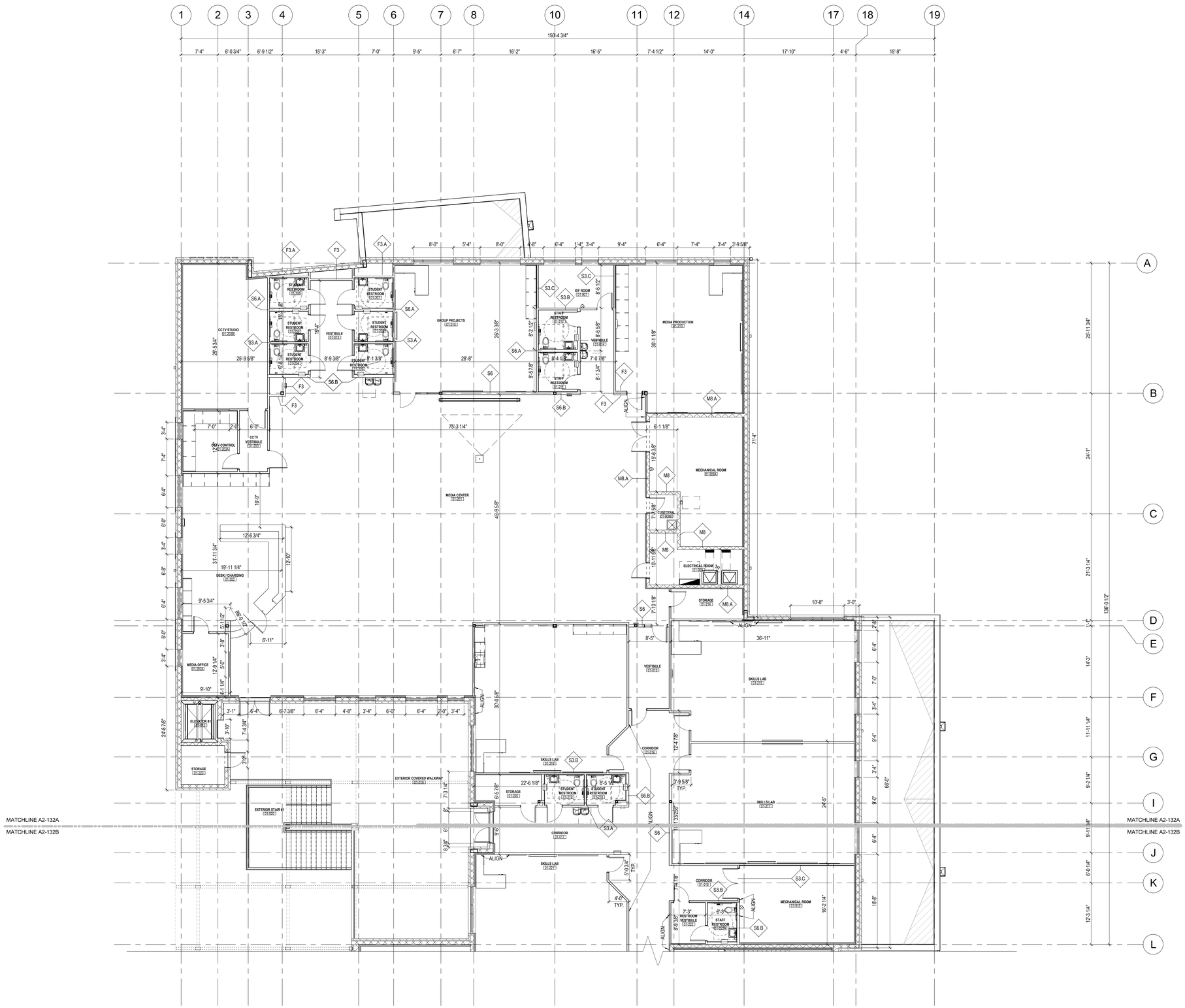
A2-132

Plot Stamp:
5/29/2026 2:41:34 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - SECOND FLOOR DIMENSION PLAN AREA A
A2-132A

0"
1"



01 BUILDING #01 - SECOND FLOOR DIMENSION PLAN AREA A
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE.
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN LINES OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "VIF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK.
7. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" OR "CLR" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS.
8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE S3 U.N.O. FOR RESTROOM PARTITION TYPES SEE SHEET A4-406.
10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O. FOR RESTROOM FURR-OUT PARTITIONS SEE SHEET A4-406.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL INTERIOR CMU OUTSIDE CORNERS SHALL HAVE BULLNOSE U.N.O.
14. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
16. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
19. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
20. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS; ALL PLUMBING FIXTURES; ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
21. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

PBK
www.pbk.com
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WEST PALM BEACH, FL 561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR DIMENSION PLAN AREA A

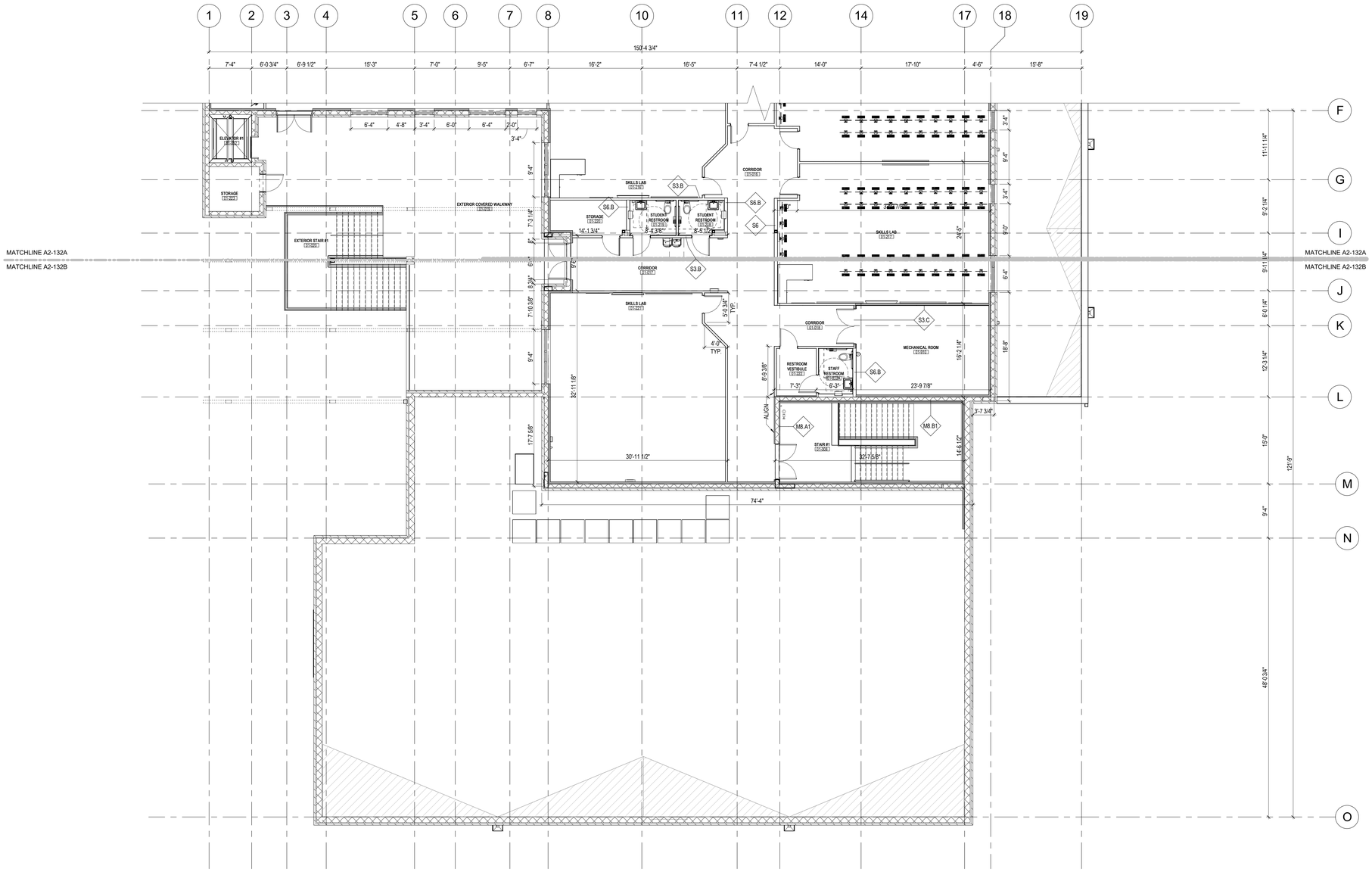
A2-132A

Plot Stamp:
5/29/2026 2:42:19 PM

HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - SECOND FLOOR DIMENSION PLAN AREA B
A2-132B

0"
1"



01 BUILDING #01 - SECOND FLOOR DIMENSIONS PLAN AREA B
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
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22. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

DIMENSION PLAN LEGEND

RECESSED ENTRANCE FLOOR MAT

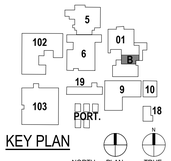
PBK
WEST PALM BEACH, FL
561-478-4457
FL FIRM : AR 0013140
www.pbk.com

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR DIMENSION PLAN AREA B

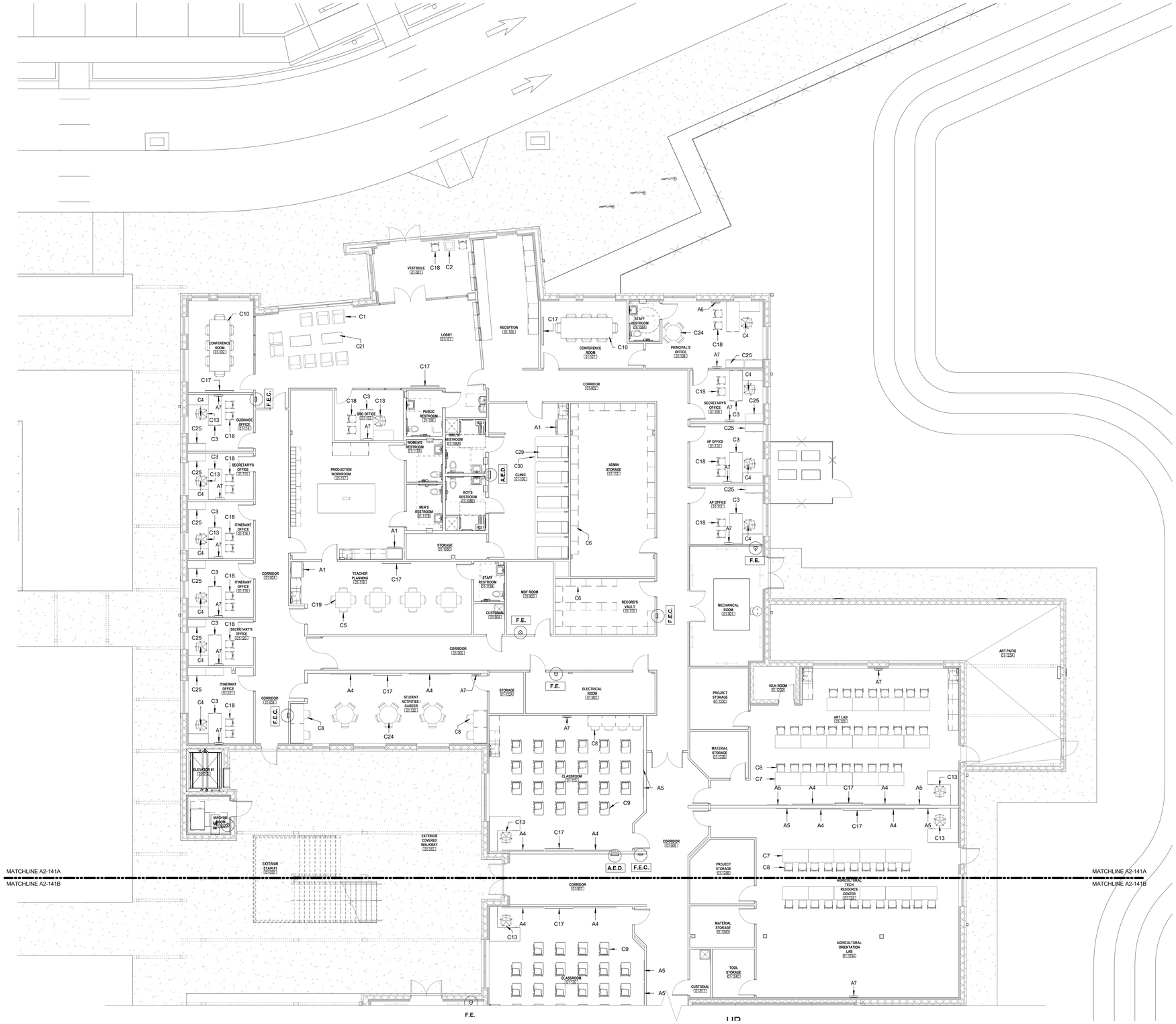
A2-132B

Plot Stamp:
5/29/2026 2:42:55 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - FIRST FLOOR FURNITURE PLAN & SCHEDULES AREA A
A2-141A



01 BUILDING #01 - FIRST FLOOR FURNITURE PLAN AREA A
1/8" = 1'-0"

EQUIPMENT NOTES

1. GENERAL - IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE FOR A COMPLETE AND FUNCTIONAL EQUIPMENT INSTALLATION. OWNER FURNISHED EQUIPMENT SHALL BE VERIFIED PRIOR TO ROUGH-IN TO DETERMINE ALL REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO SIZES, CLEARANCES, BLOCKING, METAL BACK-UP, ELECTRICAL, MECHANICAL, PLUMBING, SUPPORT, ETC. THE GENERAL CONTRACTOR SHALL ASSURE THAT ALL NECESSARY REQUIREMENTS HAVE BEEN INCLUDED IN A TIMELY MANNER SO AS NOT TO DELAY THE WORK AND TO PROVIDE FOR COMPLETE EQUIPMENT INSTALLATIONS.
2. OWNER FURNISHED ITEMS - COORDINATE ALL EQUIPMENT INSTALLATION WITH THE OWNER. TAKE CARE TO PREVENT ANY DAMAGE TO OWNER FURNISHED EQUIPMENT.
3. PHASING - COORDINATE EQUIPMENT DELIVERIES AND INSTALLATION WITH THE PHASING PLAN FOR APPROPRIATE SCHEDULING.
4. REFER ALSO TO OWNER'S EQUIPMENT SCHEDULE, PROVIDED BY EQUIPMENT CONSULTANT, FOR ADDITIONAL INFORMATION.

FURNITURE LEGEND: BASIS OF DESIGN

ITEM	DESCRIPTION
A1	FULL SIZE REFRIGERATOR
A2	NOT USED
A3	NOT USED
A4	MARKERBOARD
A5	TACKBOARD
A6	MARKERBOARD (W/ MUSIC STAFF LINES)
A7	CLOCK
A8	PROJECTOR
C1	LOUNGE CHAIR
C2	LOUNGE TABLE
C3	OFFICE DESK
C4	OFFICE TASK CHAIR
C5	ARMLESS CHAIR
C6	SHELVING
C7	STUDENT DESK
C8	STUDENT CHAIR
C9	STUDENT DESK AND CHAIR
C10	8 PERSON CONFERENCE TABLE AND CHAIRS
C11	RECTANGULAR TABLE
C12	NOT USED
C13	TEACHER CHAIR
C14	STUDENT COMPUTER DESK
C15	COMPUTER
C16	PROJECTOR
C17	70" WALL MOUNTED TV
C18	GUEST OFFICE CHAIR
C19	SQUARE TABLE
C20	NOT USED
C21	COFFEE TABLE
C22	36"W X 72"H X 12"D BOOKSHELF
C23	36"W X 34"H X 12"D BOOKSHELF
C24	STUDENT ACTIVITIES TABLE W/ SEATING
C25	FILE CABINET (3'-6" WIDE)
C26	MUSIC STAND
C27	STANDING KEYBOARD
C28	INSTRUMENT STORAGE
C29	COT
C30	CUBICLE CURTAIN
C31	PROJECTOR SCREEN
C32	PODIUM
C33	WARDROBE STORAGE

ITEMS STATUS LEGEND
A--- CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
B--- OWNER FURNISHED, CONTRACTOR INSTALLED
C--- OWNER FURNISHED, OWNER INSTALLED

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FL FIRM: AR 0013140
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561-478-4457

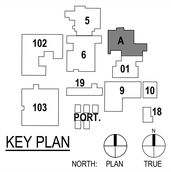
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR FURNITURE PLAN & SCHEDULES AREA A

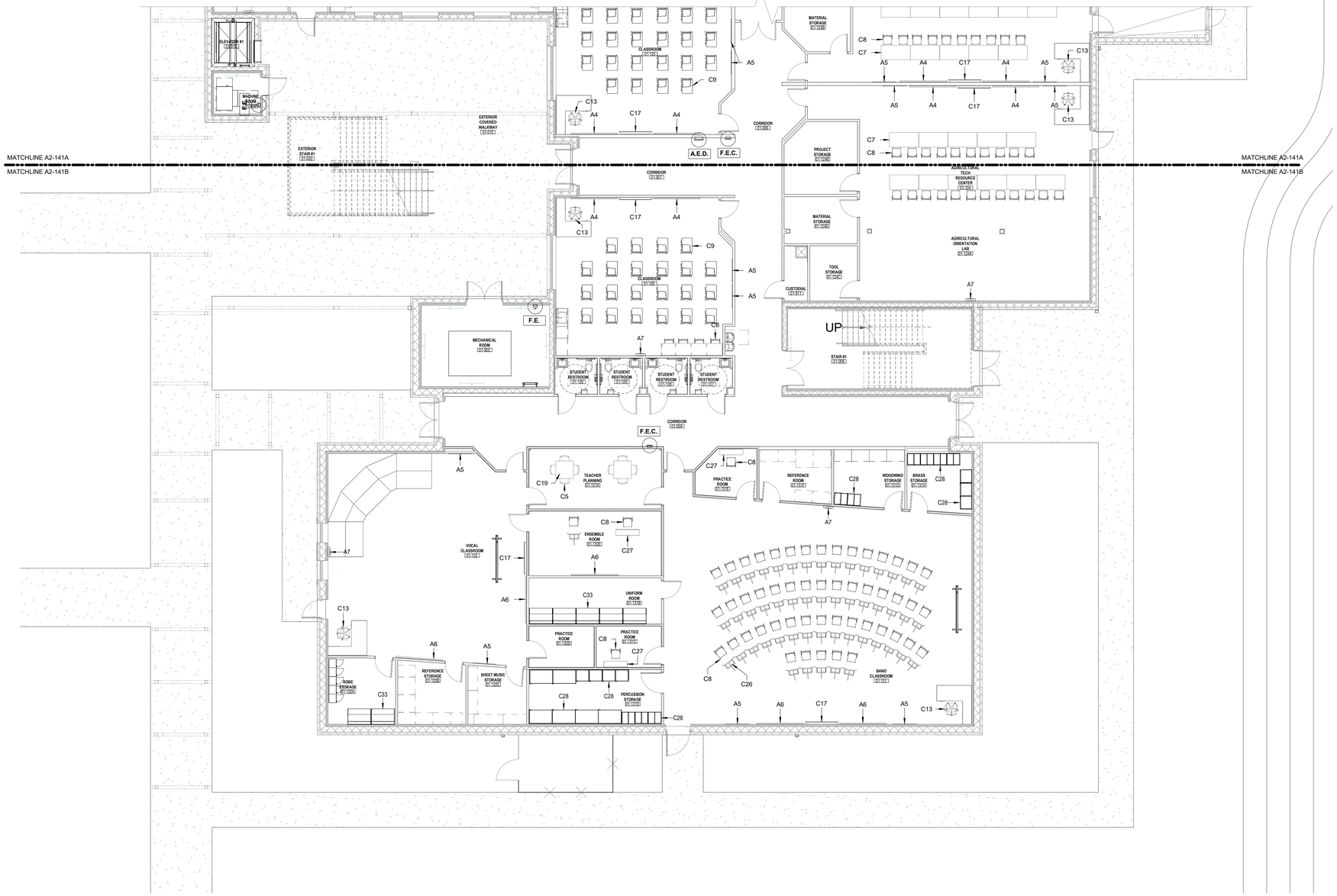
A2-141A

Plot Stamp:
5/29/2026 2:46:05 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - FIRST FLOOR FURNITURE PLAN & SCHEDULES AREA B
A2-141B



01 BUILDING #01 - FIRST FLOOR FURNITURE PLAN AREA B
1/8" = 1'-0"

EQUIPMENT NOTES

1. GENERAL - IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE FOR A COMPLETE AND FUNCTIONAL EQUIPMENT INSTALLATION. OWNER FURNISHED EQUIPMENT SHALL BE VERIFIED PRIOR TO ROUGH-IN TO DETERMINE ALL REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO SIZES, CLEARANCES, BLOCKING, METAL BACK-UP, ELECTRICAL, MECHANICAL, PLUMBING, SUPPORT, ETC. THE GENERAL CONTRACTOR SHALL ASSURE THAT ALL NECESSARY REQUIREMENTS HAVE BEEN INCLUDED IN A TIMELY MANNER SO AS NOT TO DELAY THE WORK AND TO PROVIDE FOR COMPLETE EQUIPMENT INSTALLATIONS.
2. OWNER FURNISHED ITEMS - COORDINATE ALL EQUIPMENT INSTALLATION WITH THE OWNER. TAKE CARE TO PREVENT ANY DAMAGE TO OWNER FURNISHED EQUIPMENT.
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4. REFER ALSO TO OWNER'S EQUIPMENT SCHEDULE, PROVIDED BY EQUIPMENT CONSULTANT, FOR ADDITIONAL INFORMATION.

FURNITURE LEGEND: BASIS OF DESIGN

ITEM	DESCRIPTION
A1	FULL SIZE REFRIGERATOR
A2	NOT USED
A3	NOT USED
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A5	TACKBOARD
A6	MARKERBOARD (W/ MUSIC STAFF LINES)
A7	CLOCK
A8	PROJECTOR
C1	LOUNGE CHAIR
C2	LOUNGE TABLE
C3	OFFICE DESK
C4	OFFICE TASK CHAIR
C5	ARMLESS CHAIR
C6	SHELVING
C7	STUDENT DESK
C8	STUDENT CHAIR
C9	STUDENT DESK AND CHAIR
C10	8 PERSON CONFERENCE TABLE AND CHAIRS
C11	RECTANGULAR TABLE
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C15	COMPUTER
C16	PROJECTOR
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C29	COT
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C31	PROJECTOR SCREEN
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ITEMS STATUS LEGEND
A--- CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
B--- OWNER FURNISHED, CONTRACTOR INSTALLED
C--- OWNER FURNISHED, OWNER INSTALLED

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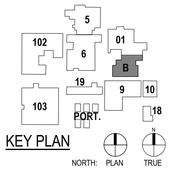
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT
ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR FURNITURE PLAN & SCHEDULES AREA B

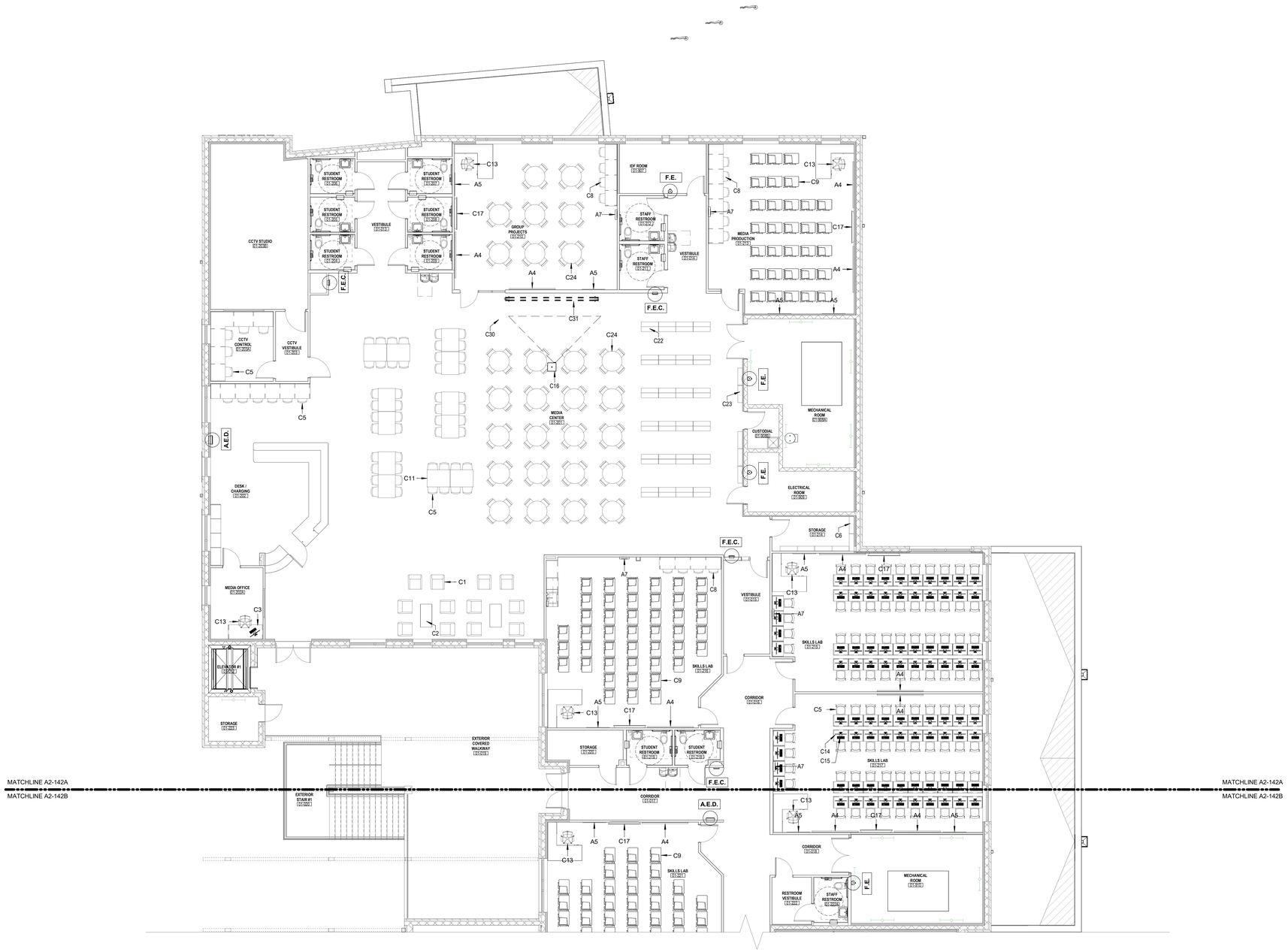
A2-141B

Plot Stamp:
5/29/2026 2:46:43 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - SECOND FLOOR FURNITURE PLAN & SCHEDULES AREA A
A2-142A



01 BUILDING #01 - SECOND FLOOR FURNITURE PLAN AREA A
1/8" = 1'-0"

EQUIPMENT NOTES

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ITEMS STATUS LEGEND
A--- CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
B--- OWNER FURNISHED, CONTRACTOR INSTALLED
C--- OWNER FURNISHED, OWNER INSTALLED

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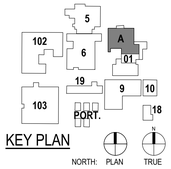
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT
ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25

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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR FURNITURE PLAN & SCHEDULES AREA A

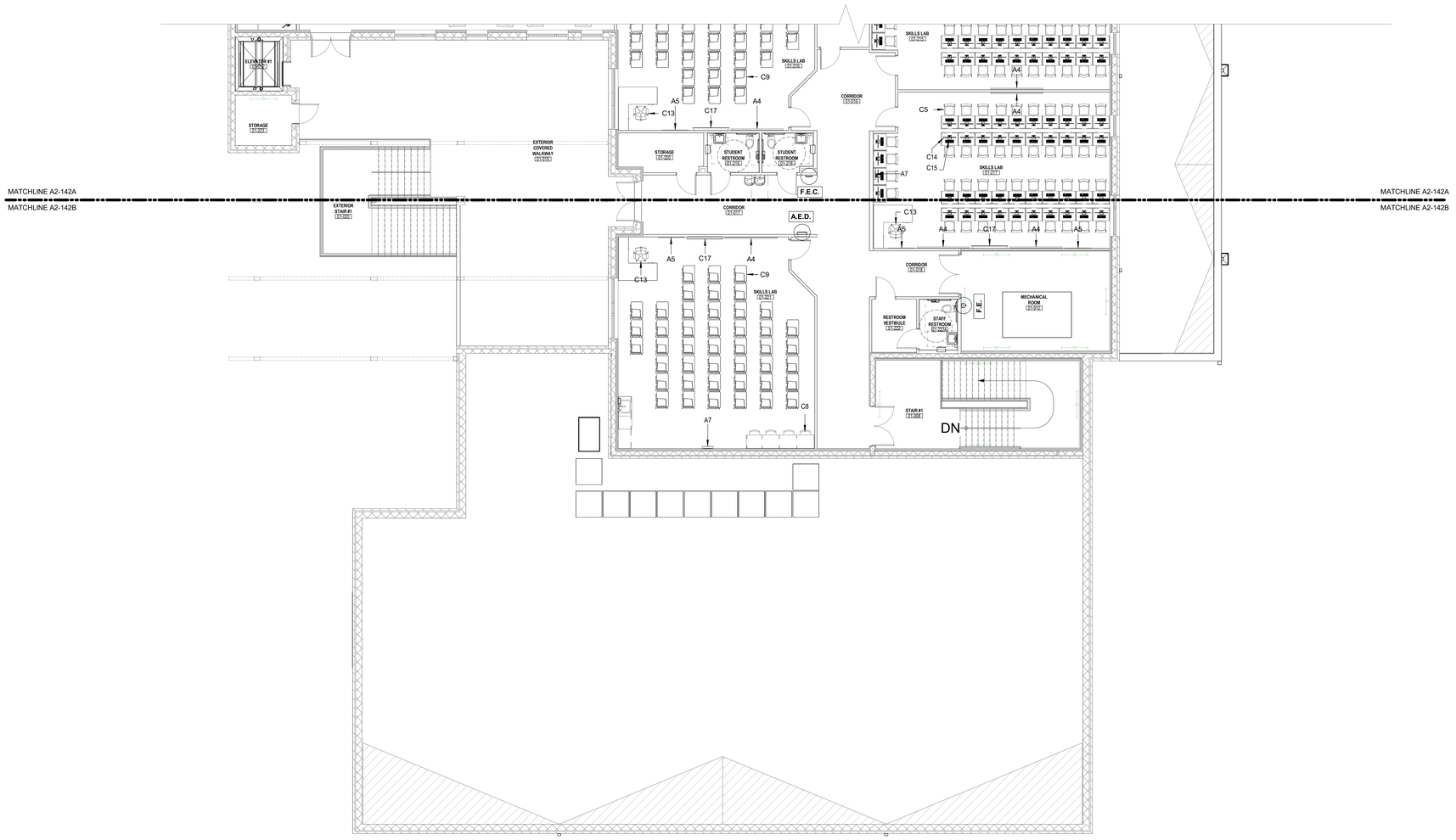
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Plot Stamp:
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HB ESTIMATING REC'D 06.01.2026

BUILDING #01 - SECOND FLOOR FURNITURE PLAN & SCHEDULES AREA B
A2-142B

0"
1"



01 BUILDING #01 - SECOND FLOOR FURNITURE PLAN AREA B
1/8" = 1'-0"

EQUIPMENT NOTES

1. GENERAL - IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE FOR A COMPLETE AND FUNCTIONAL EQUIPMENT INSTALLATION. OWNER FURNISHED EQUIPMENT SHALL BE VERIFIED PRIOR TO ROUGH-IN TO DETERMINE ALL REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO SIZES, CLEARANCES, BLOCKING, METAL BACK-UP, ELECTRICAL, MECHANICAL, PLUMBING, SUPPORT, ETC. THE GENERAL CONTRACTOR SHALL ASSURE THAT ALL NECESSARY REQUIREMENTS HAVE BEEN INCLUDED IN A TIMELY MANNER SO AS NOT TO DELAY THE WORK AND TO PROVIDE FOR COMPLETE EQUIPMENT INSTALLATIONS.
2. OWNER FURNISHED ITEMS - COORDINATE ALL EQUIPMENT INSTALLATION WITH THE OWNER. TAKE CARE TO PREVENT ANY DAMAGE TO OWNER FURNISHED EQUIPMENT.
3. PHASING - COORDINATE EQUIPMENT DELIVERIES AND INSTALLATION WITH THE PHASING PLAN FOR APPROPRIATE SCHEDULING.
4. REFER ALSO TO OWNER'S EQUIPMENT SCHEDULE, PROVIDED BY EQUIPMENT CONSULTANT, FOR ADDITIONAL INFORMATION.

FURNITURE LEGEND: BASIS OF DESIGN

ITEM	DESCRIPTION
A1	FULL SIZE REFRIGERATOR
A2	NOT USED
A3	NOT USED
A4	MARKERBOARD
A5	TACKBOARD
A6	MARKERBOARD (W/ MUSIC STAFF LINES)
A7	CLOCK
A8	PROJECTOR
C1	LOUNGE CHAIR
C2	LOUNGE TABLE
C3	OFFICE DESK
C4	OFFICE TASK CHAIR
C5	ARMLESS CHAIR
C6	SHELVING
C7	STUDENT DESK
C8	STUDENT CHAIR
C9	STUDENT DESK AND CHAIR
C10	8 PERSON CONFERENCE TABLE AND CHAIRS
C11	RECTANGULAR TABLE
C12	NOT USED
C13	TEACHER CHAIR
C14	STUDENT COMPUTER DESK
C15	COMPUTER
C16	PROJECTOR
C17	70" WALL MOUNTED TV
C18	GUEST OFFICE CHAIR
C19	SQUARE TABLE
C20	NOT USED
C21	COFFEE TABLE
C22	36"W X 72"H X 12"D BOOKSHELF
C23	36"W X 34"H X 12"D BOOKSHELF
C24	STUDENT ACTIVITIES TABLE W/ SEATING
C25	FILE CABINET (3'-6" WIDE)
C26	MUSIC STAND
C27	STANDING KEYBOARD
C28	INSTRUMENT STORAGE
C29	COT
C30	CUBICLE CURTAIN
C31	PROJECTOR SCREEN
C32	PODIUM
C33	WARDROBE STORAGE

ITEMS STATUS LEGEND
A--- CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
B--- OWNER FURNISHED, CONTRACTOR INSTALLED
C--- OWNER FURNISHED, OWNER INSTALLED

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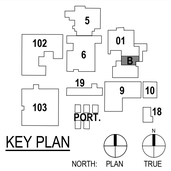
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR FURNITURE PLAN & SCHEDULES AREA B

A2-142B

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 2:48:50 PM

0"
1"



01 BUILDING #01 - FIRST FLOOR REFLECTED CEILING PLAN AREA A
1/8" = 1'-0"

GENERAL CEILING PLAN NOTES

1. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
2. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
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5. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
6. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
7. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.

CEILING MATERIALS LEGEND

09 51 00.ACT1
ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, WHITE, 2'x2' WITH **09 51 00.SWN1** 15/16" SUSPENSION SYSTEM

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP

EXP - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED FLAT BLACK PER MCSD

GWB ON THIS ROOM SIDE OF OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.

09 24 00.PSD
CEMENT PLASTER SOFFIT - FLOAT FINISH

EC

EC - EXPOSED STRUCTURE NO CEILING AND NOT PAINTED

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- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
- WALL MOUNTED LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 1' X 4' SUSPENDED LIGHT FIXTURE
- PROJECTOR SCREEN
- EXISTING HEATER
- OCCUPANCY SENSOR *RE:ELECTRICAL*
- WALL PACK LIGHT FIXTURE *RE:ELECTRICAL*
- EXIT SIGN
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

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WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
5, 102, 6, A, 01, 19, 9, 10, 103, PORT., 18
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT
ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: BR

VOLUME NO. 1

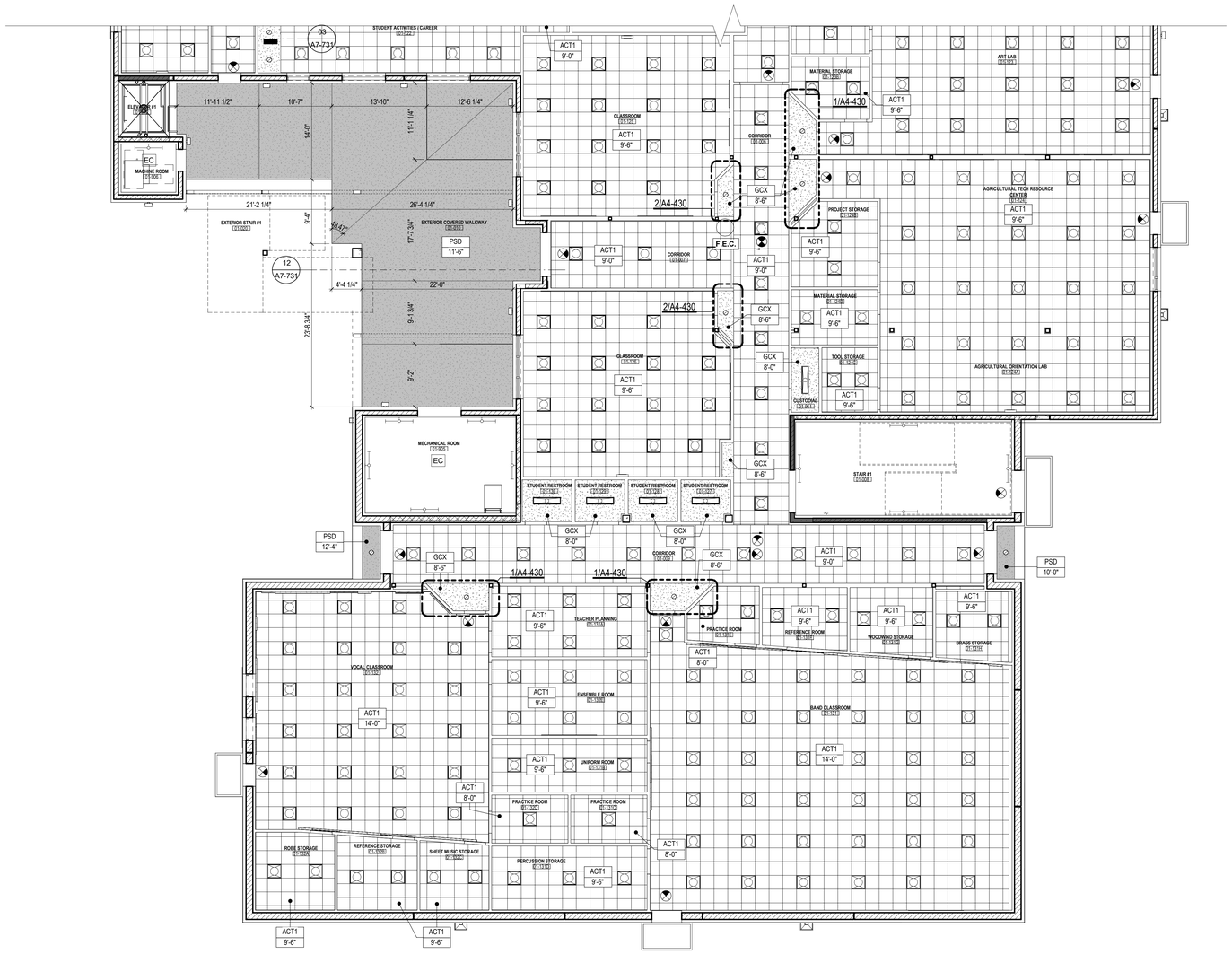
BUILDING #01 - FIRST FLOOR REFLECTED CEILING PLAN AREA A

A2-201A

Plot Stamp:
5/29/2026 2:51:29 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"



01 BUILDING #01 - FIRST FLOOR REFLECTED CEILING PLAN AREA B
1/8" = 1'-0"

GENERAL CEILING PLAN NOTES

1. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
2. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
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CEILING MATERIALS LEGEND

09 51 00.ACT1
ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, WHITE, 2'x2' WITH **09 51 00.SWN1** 15/16" SUSPENSION SYSTEM

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED FLAT BLACK PER MCSD
GWB ON THIS ROOM SIDE OF OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.

09 24 00.PSD
CEMENT PLASTER SOFFIT - FLOAT FINISH

EC - EXPOSED STRUCTURE NO CEILING AND NOT PAINTED
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- 8" RECESSED CAN LIGHT *RE: ELECTRICAL*
- 2' x 2' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
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- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
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- SURFACE MOUNT LIGHT FIXTURE *RE: ELECTRICAL*
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- EXIT SIGN
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- 2' PENDANT LIGHT *RE: ELECTRICAL*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: BR

VOLUME NO. 1

BUILDING #01 - FIRST FLOOR REFLECTED CEILING PLAN AREA B

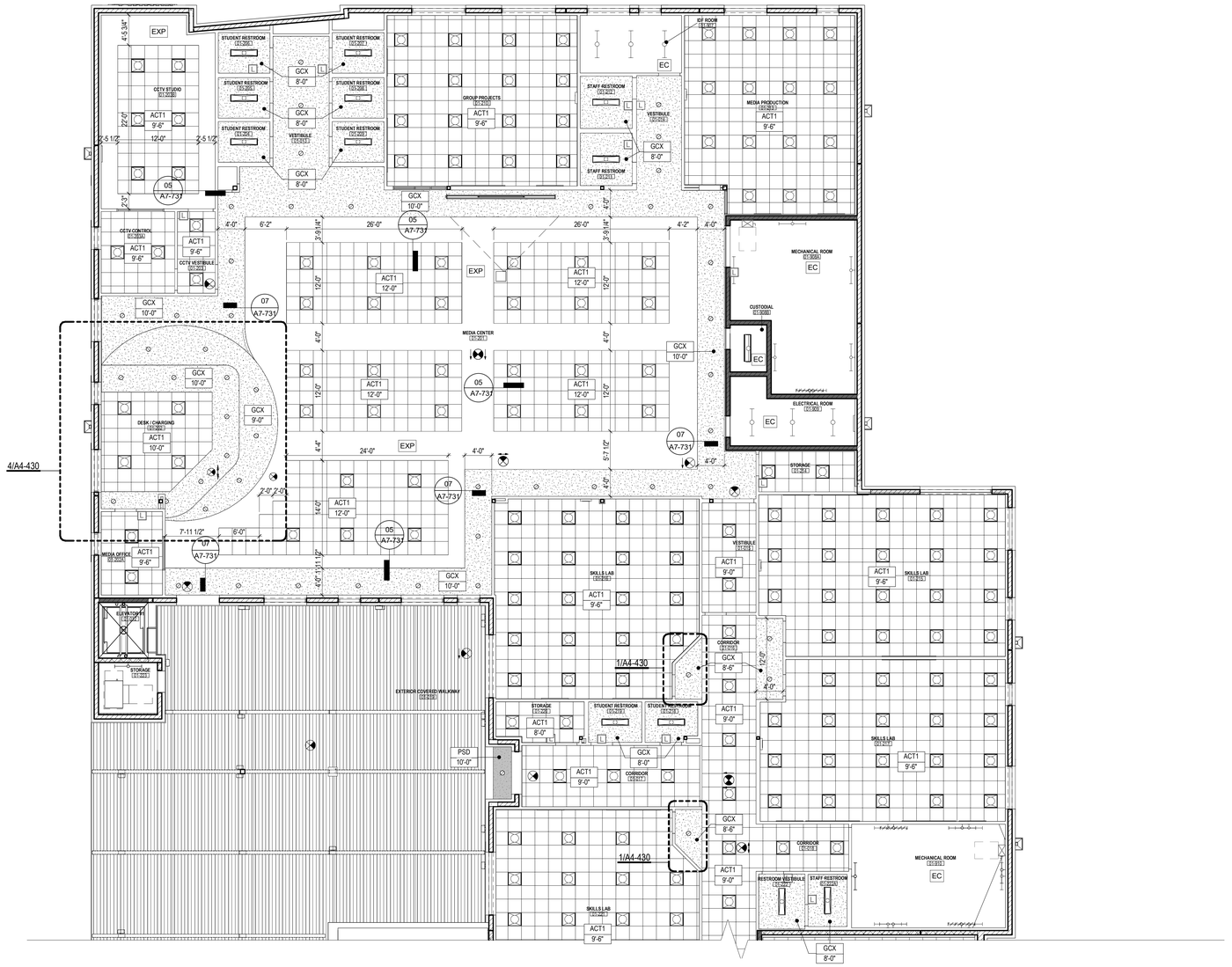
A2-201B

Plot Stamp:
5/29/2026 2:52:16 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA A
A2-202A



01 BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA A
1/8" = 1'-0"

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CEILING MATERIALS LEGEND

09 51 00.ACT1
ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, WHITE, 2'x2' WITH **09 51 00.SWN1** 15/16" SUSPENSION SYSTEM

09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED FLAT BLACK PER MCSD

GWB ON THIS ROOM SIDE OF OF DEMISING PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE. ADDITIONAL REQUIREMENTS MAY BE NECESSARY IF PARTITION INDICATES A FIRE, SMOKE, OR SOUND TRANSMISSION RATING.

09 24 00.PSD
CEMENT PLASTER SOFFIT - FLOAT FINISH

EC - EXPOSED STRUCTURE NO CEILING AND NOT PAINTED

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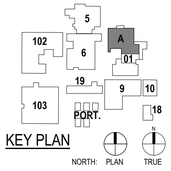
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: BR

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA A

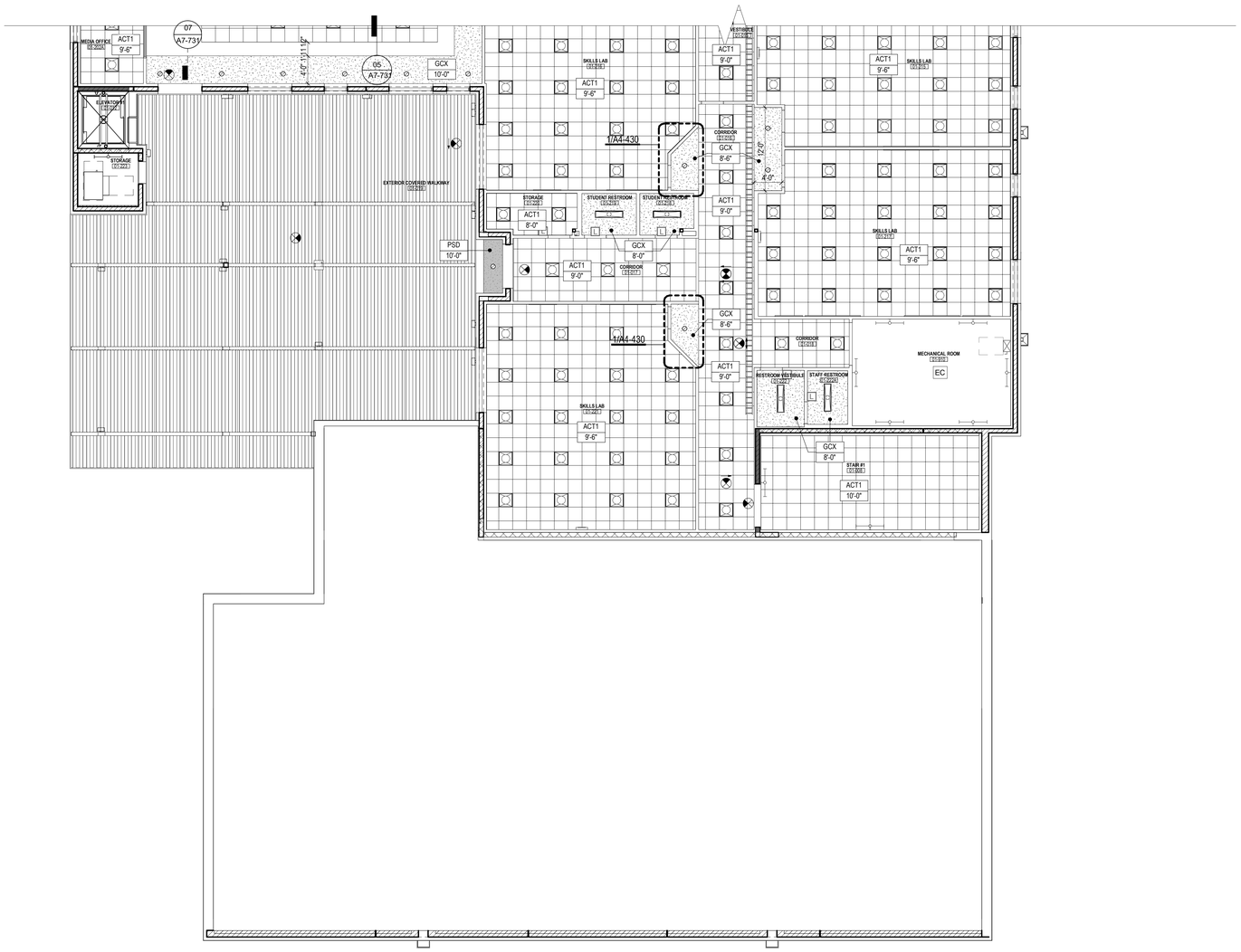
A2-202A

Plot Stamp:
5/29/2026 2:55:19 PM

HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA B
A2-202B



01 BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA B
1/8" = 1'-0"

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CEILING MATERIALS LEGEND

09 51 00.ACT1
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09 21 16.GCX
GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED

EXP

EXP - EXPOSED STRUCTURE AND ALL MEP ITEMS PAINTED FLAT BLACK PER MCSD

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09 24 00.PSD
CEMENT PLASTER SOFFIT - FLOAT FINISH

EC

EC - EXPOSED STRUCTURE NO CEILING AND NOT PAINTED

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- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- FIRE STROBE LIGHT *RE:ELECTRICAL*

PBK

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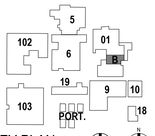
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: BR

VOLUME NO. 1

BUILDING #01 - SECOND FLOOR REFLECTED CEILING PLAN AREA B

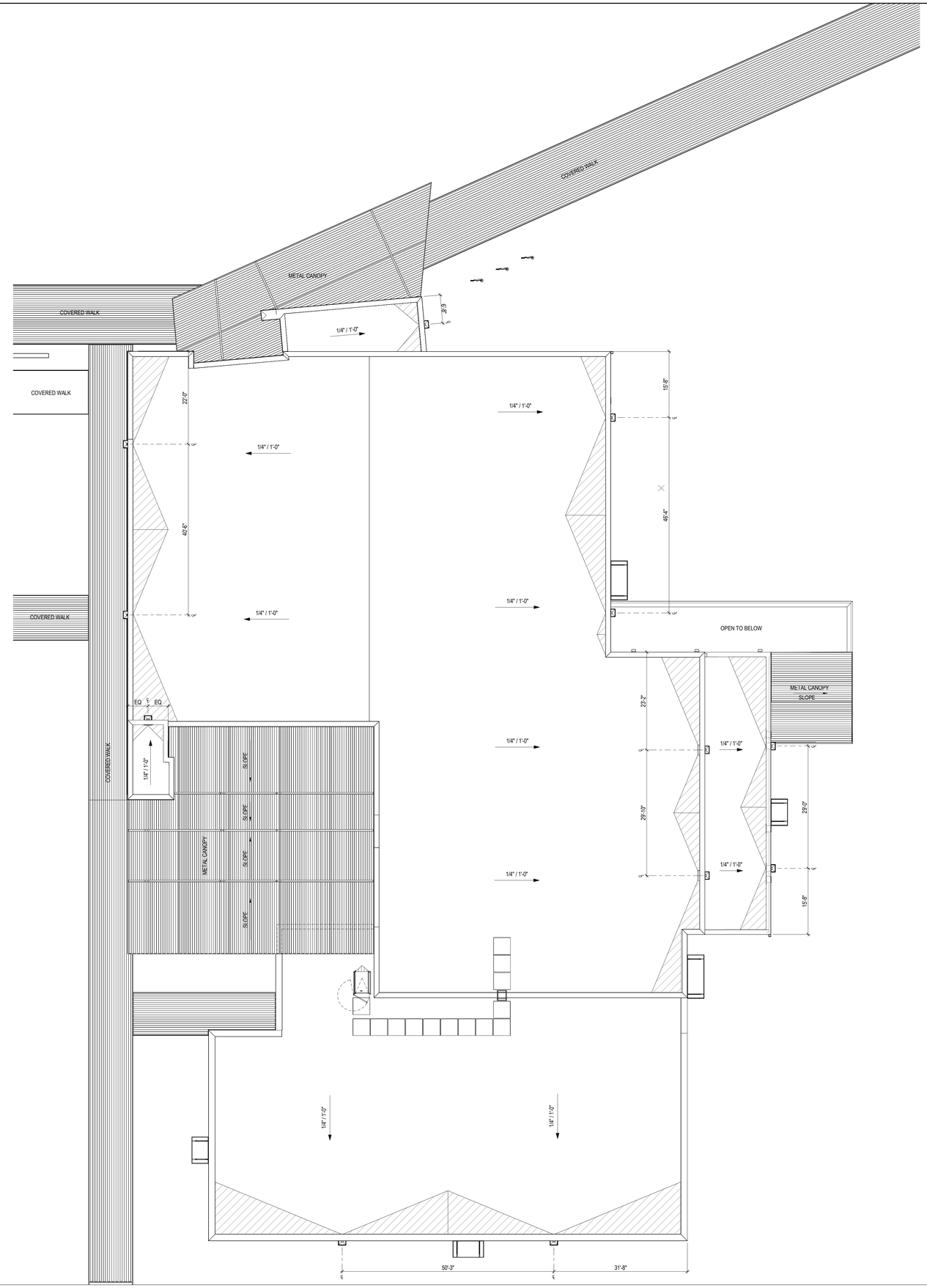
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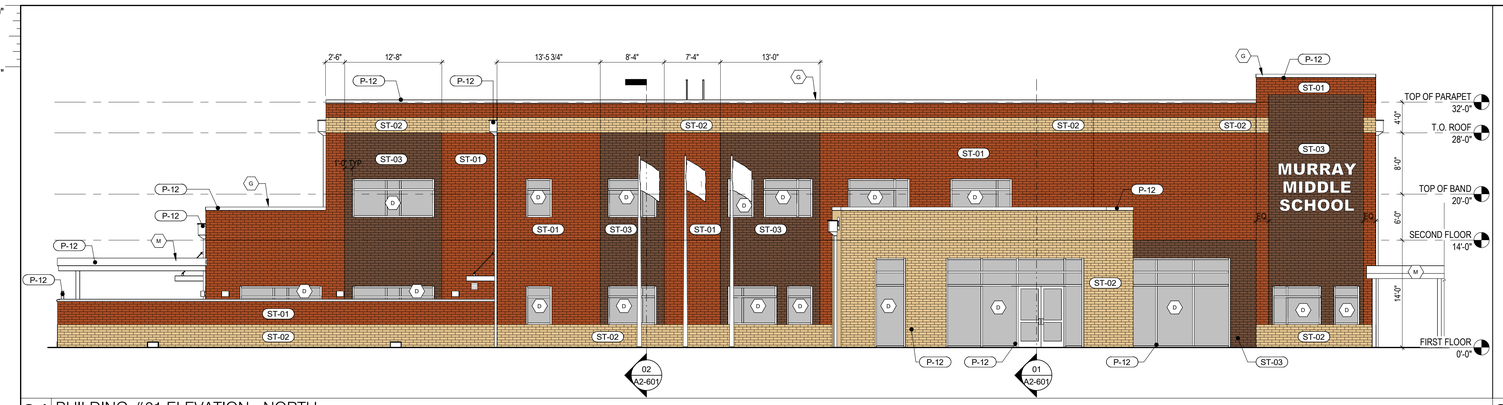
HB ESTIMATING REC'D 06.01.2026

0"
1"

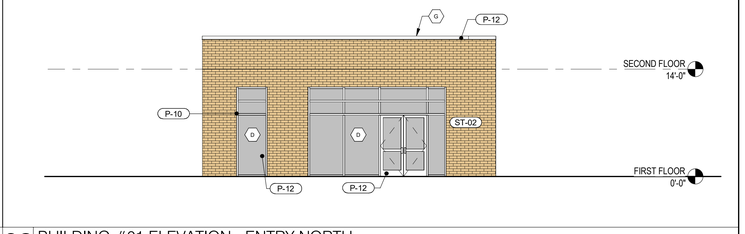
BUILDING #01 - OVERALL ROOF PLAN
A2-301


METAL CANOPY
COVERED WALK
COVERED WALK
COVERED WALK
COVERED WALK
1/4" / 1'-0"
1/4" / 1'-0"
1/4" / 1'-0"

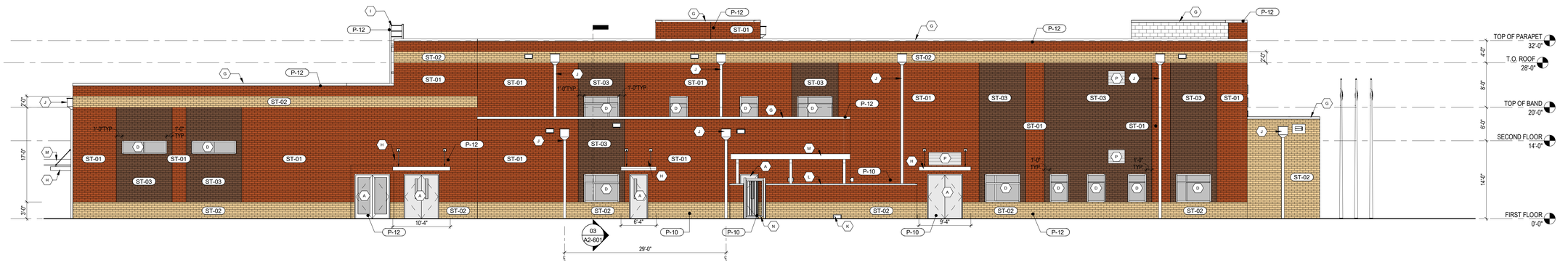
BUILDING #01 - EXTERIOR ELEVATIONS
A2-501



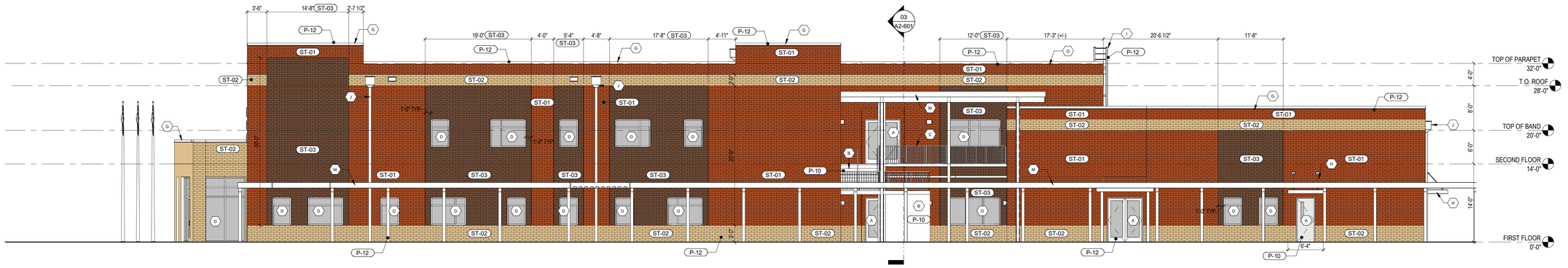
01 BUILDING #01 ELEVATION - NORTH
1/8" = 1'-0"



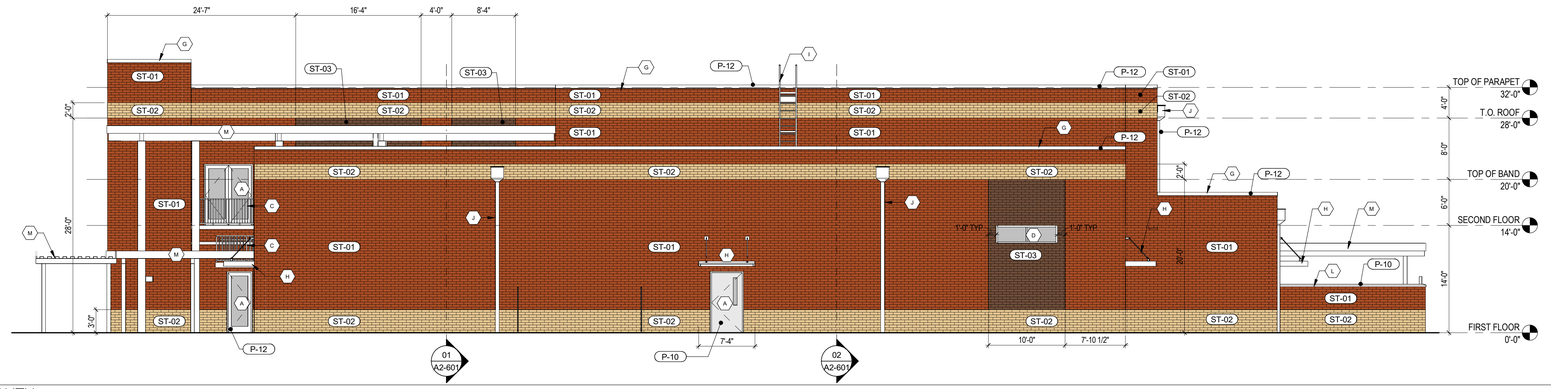
02 BUILDING #01 ELEVATION - ENTRY NORTH
1/8" = 1'-0"



03 BUILDING #01 ELEVATION - EAST
1/8" = 1'-0"



04 BUILDING #01 ELEVATION - WEST
1/8" = 1'-0"



05 BUILDING #01 ELEVATION - SOUTH
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO FLOOR PLAN FOR KEYED IN ELEVATION AND SECTIONS.
2. ELEVATIONS ARE SEPARATED BY BUILDING.
3. REFER TO EXISTING CAMPUS COLORS WHEN MATCHING BRICK AND EXTERIOR DOOR COLORS.

ELEVATIONS KEYNOTES:NUMBERED ITEMS (NN)

A. EXTERIOR DOOR; REFER TO DOOR SCHEDULE
B. EXTERIOR CONCRETE STAIR
C. ALUMINUM RAILING
D. ALUMINUM IMPACT STOREFRONT
E. MECHANICAL LOUVER / MECHANICAL EQUIPMENT (SEE MECHANICAL SHEETS) REFER TO A-620 FOR LOUVER DETAILS
F. EXTERIOR SIGNAGE
G. CONTINUOUS ALUMINUM COPING CAP, TYP IN ALL BUILDINGS
H. ALUMINUM SUNSHADE. REFER TO DETAIL 09/AS-402
I. EXTERIOR LADDER
J. SCUPPER COLLECTOR AND DOWNSPOUT
K. 16"Wx8"H. FLOOR SCUPPERS W/SCREEN, TYP.
L. CAST-IN-PLACE CONCRETE CAP DOWELED INTO GROUT FIELD MASONRY. INSTALL PER MANUF. REQUIREMENT AND FLORIDA BUILDING CODE.
M. ALUMINUM CANOPY/WALKWAY COVER (DELEGATED DESIGN)
N. DECORATIVE ALUMINUM GATE
P. MECHANICAL WALL LOUVER; REFER TO MECHANICAL DRAWINGS
Q. EXTERIOR LIGHTING; REFER TO MEP

ELEVATION FINISH LEGEND (X-XX)

ST-01 — BRICK COLOR #1 - COLOR TBD
ST-02 — BRICK COLOR #2 - COLOR TBD
ST-03 — BRICK COLOR #3 - COLOR TBD
P-10 — EXTERIOR PAINT COLOR - COLOR TBD
P-12 — ALUMINUM CLEAR ANODIZED

HB ESTIMATING REC'D 06.01.2026

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561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: HR

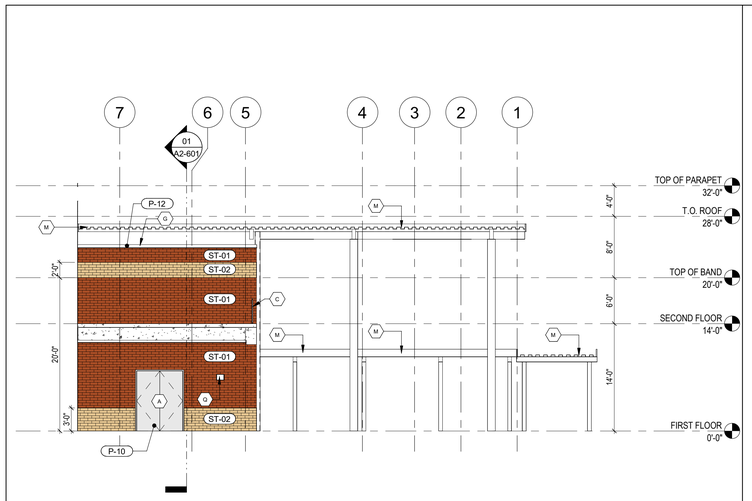
VOLUME NO. 1

BUILDING #01 - EXTERIOR ELEVATIONS

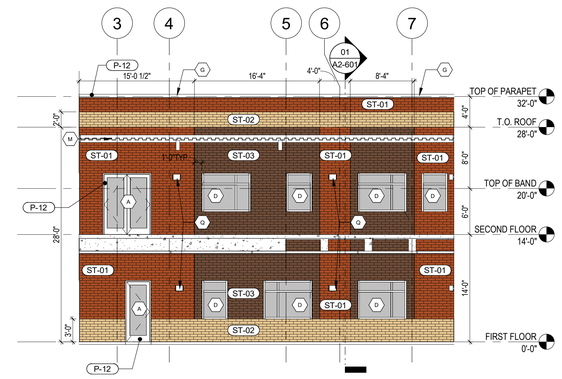
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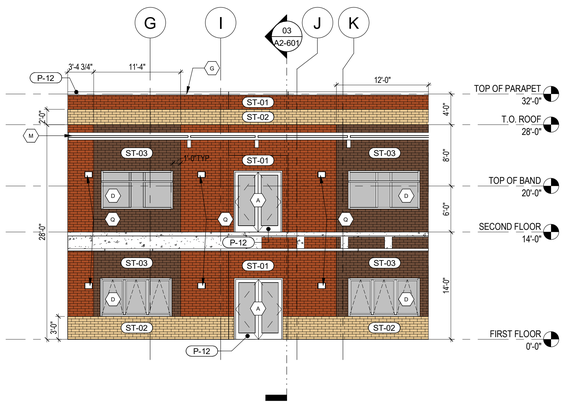
BUILDING #01 - EXTERIOR ELEVATIONS
A2-502



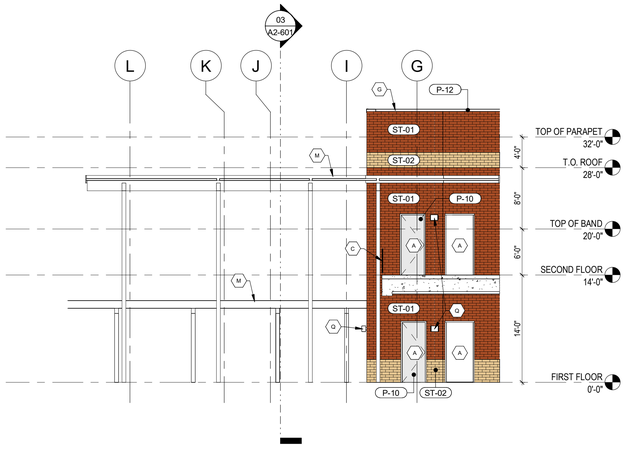
01 BUILDING #01 ELEVATION - COURTYARD SOUTH
1/8" = 1'-0"



02 BUILDING #01 ELEVATION - COURTYARD NORTH
1/8" = 1'-0"



03 BUILDING #01 ELEVATION - COURTYARD EAST
1/8" = 1'-0"



04 BUILDING #01 ELEVATION - COURTYARD WEST
1/8" = 1'-0"

GENERAL NOTES

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- F. EXTERIOR SIGNAGE
- G. CONTINUOUS ALUMINUM COPING CAP, TYP IN ALL BUILDINGS
- H. ALUMINUM SUNSHADE. REFER TO DETAIL 09/AS-402
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- J. SCUPPER COLLECTOR AND DOWNSPOUT
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ELEVATION FINISH LEGEND (X-XX)

- ST-01 — BRICK COLOR #1 - COLOR TBD
- ST-02 — BRICK COLOR #2 - COLOR TBD
- ST-03 — BRICK COLOR #3 - COLOR TBD
- P-10 — EXTERIOR PAINT COLOR - COLOR TBD
- P-12 — ALUMINUM CLEAR ANODIZED

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CLIENT PROJECT NUMBER: PO #5182800045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: AN

VOLUME NO. 1

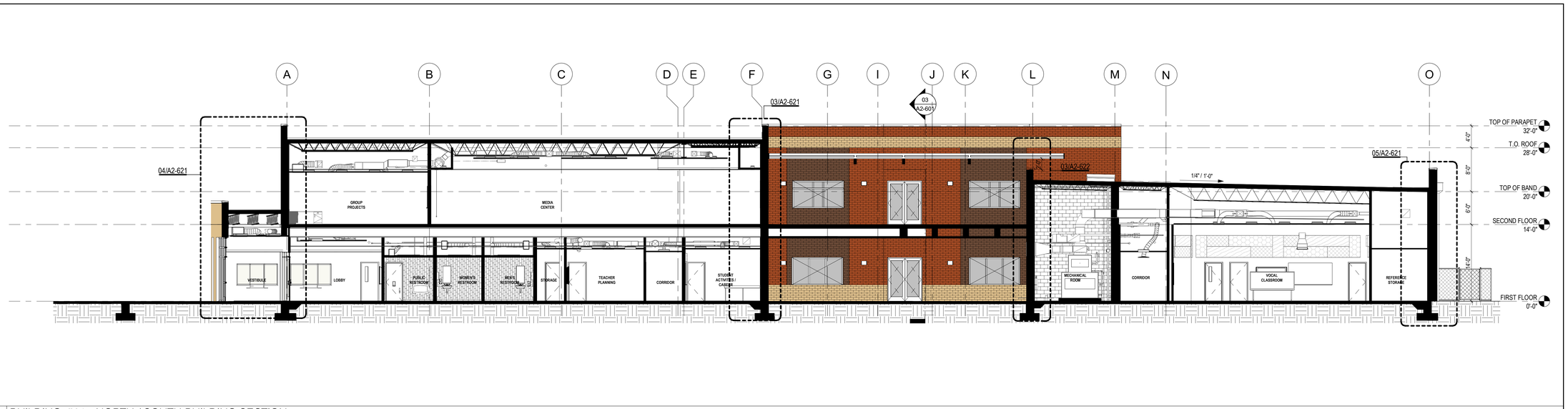
BUILDING #01 - EXTERIOR ELEVATIONS

A2-502

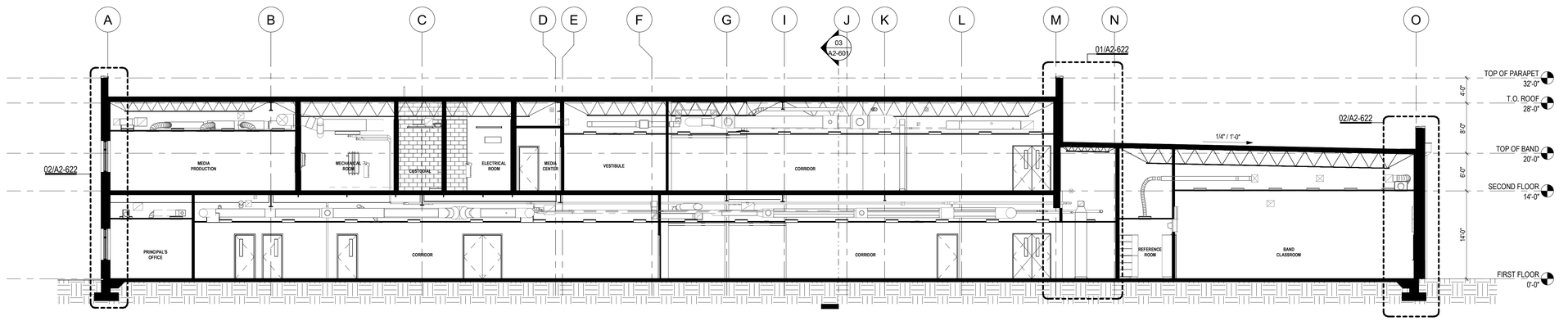
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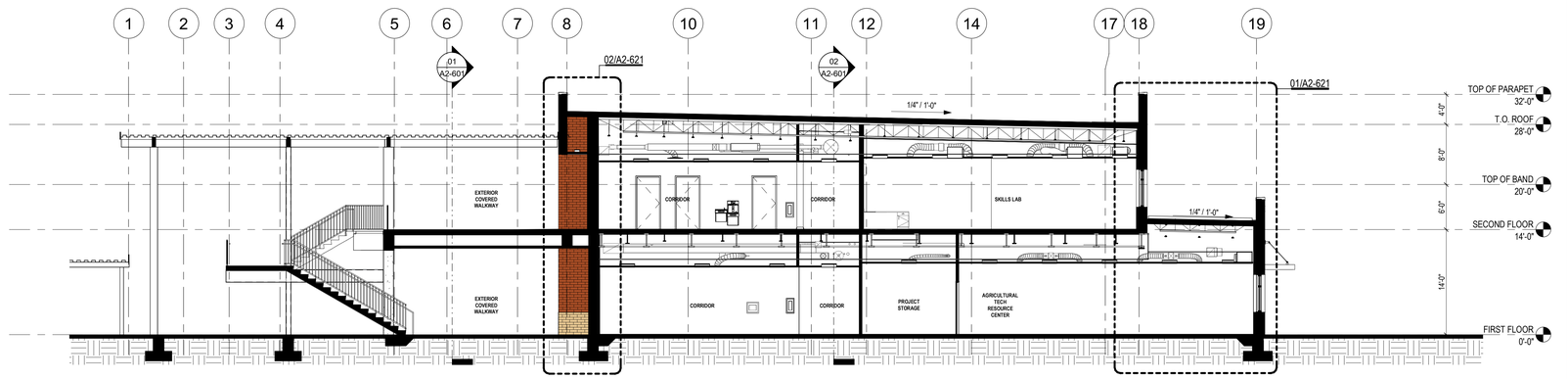
BUILDING #01 - BUILDING SECTIONS
A2-601



01 BUILDING #01 - NORTH / SOUTH BUILDING SECTION
1/8" = 1'-0"



02 BUILDING #01 - NORTH / SOUTH BUILDING SECTION
1/8" = 1'-0"



03 BUILDING #01 - EAST / WEST BUILDING SECTION
1/8" = 1'-0"

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5/29/2026 3:23:20 PM

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REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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DATE	PROJECT NUMBER
2026/05/25	25064.00

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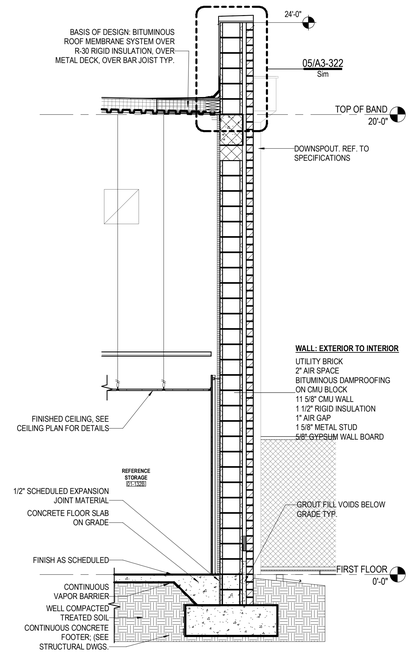
VOLUME NO. 1

BUILDING #01 - BUILDING SECTIONS

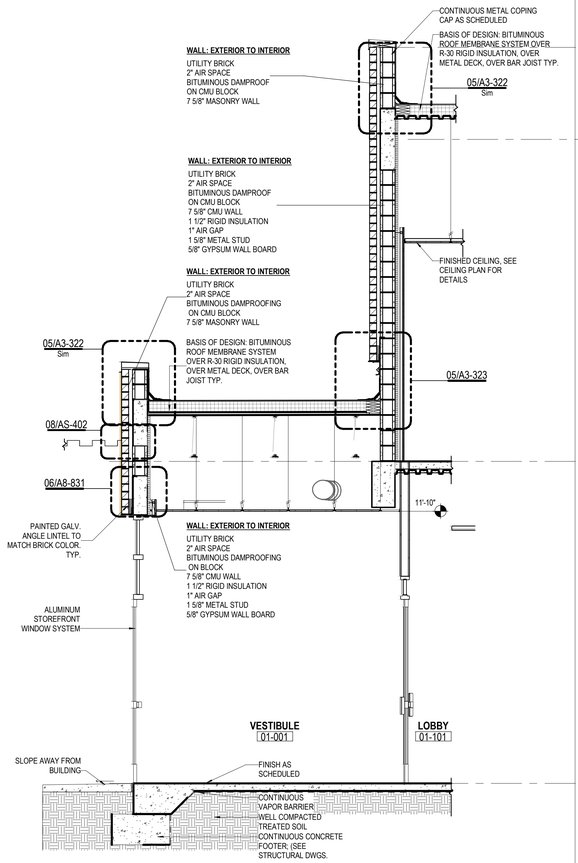
A2-601

0"
1"

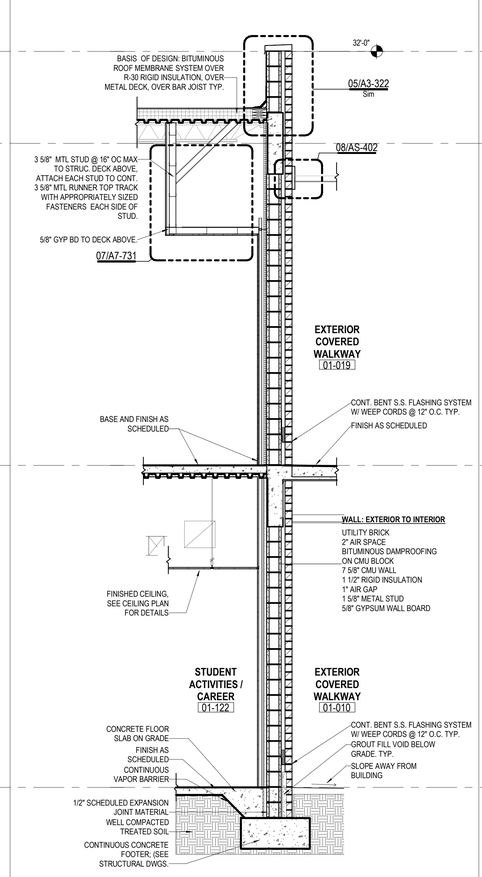
BUILDING #01 - WALL SECTIONS
A2-621



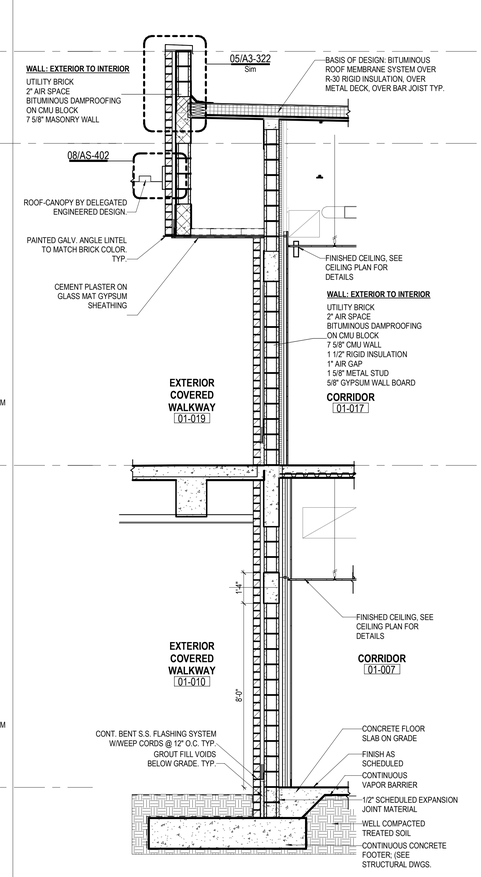
05 WALL SECTION
3/8" = 1'-0"



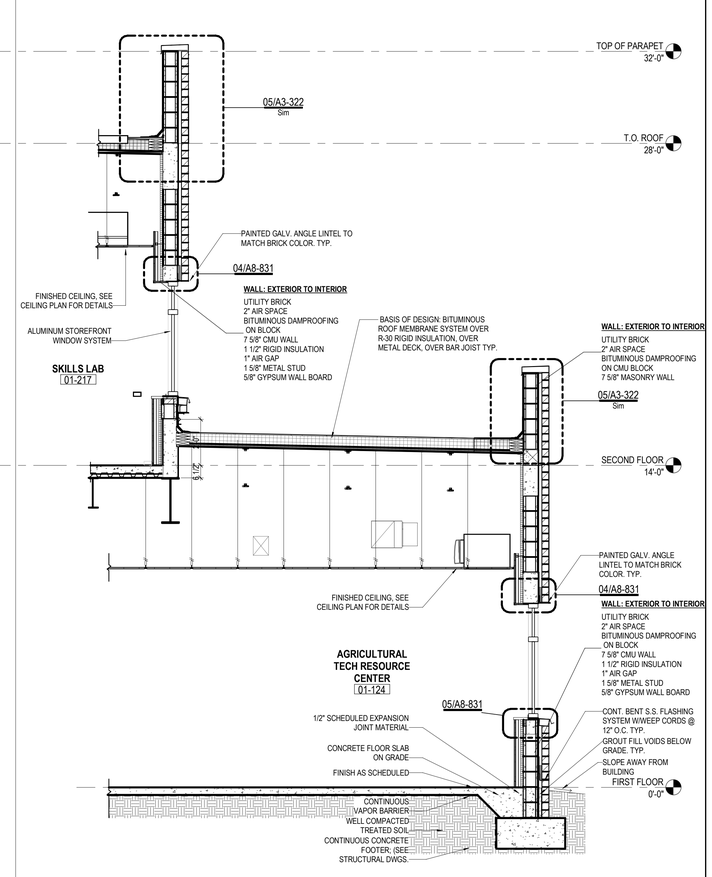
04 WALL SECTION
3/8" = 1'-0"



03 WALL SECTION
3/8" = 1'-0"



02 WALL SECTION
3/8" = 1'-0"



01 WALL SECTION
3/8" = 1'-0"

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

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STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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MARTIN COUNTY SCHOOL DISTRICT	
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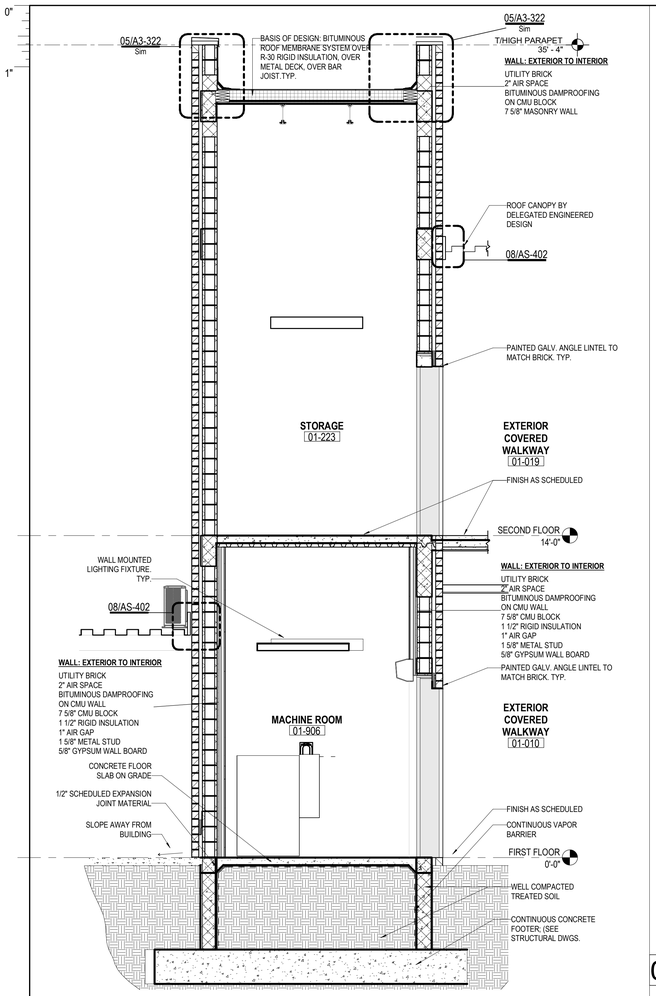
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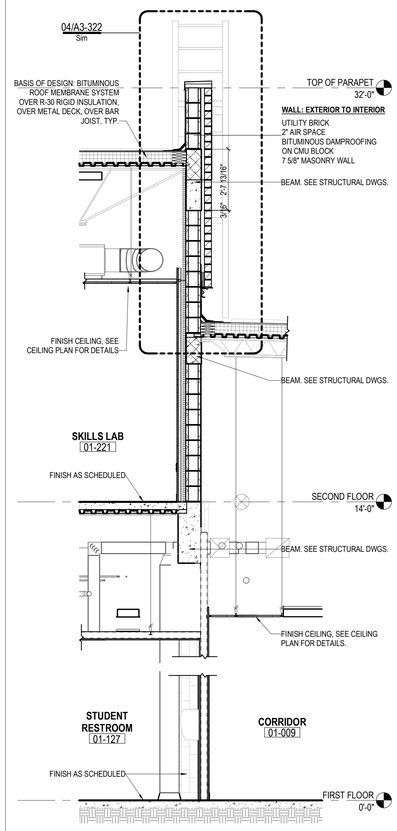
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BUILDING #01 - WALL SECTIONS

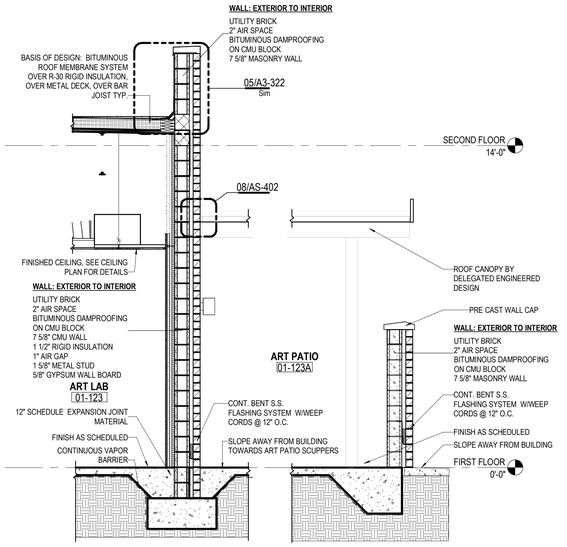
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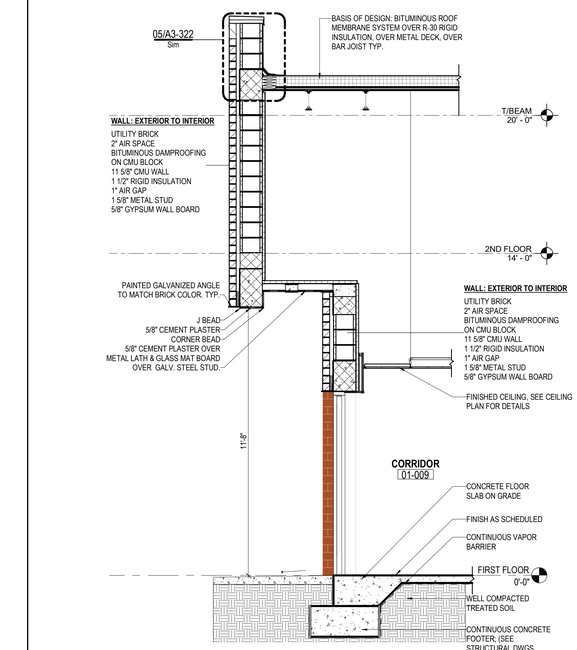
06 WALL SECTION
3/8" = 1'-0"



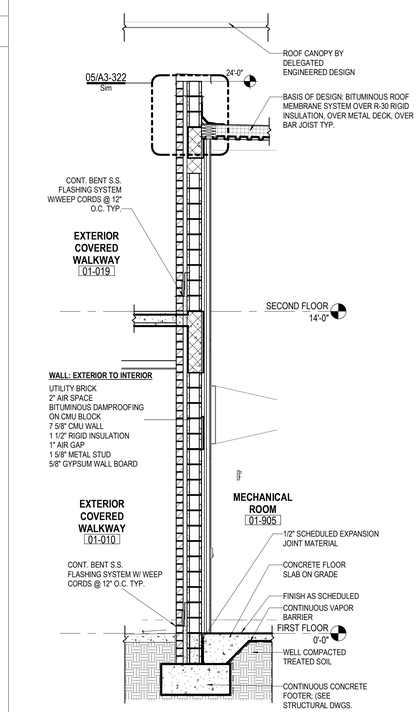
05 WALL SECTION
3/8" = 1'-0"



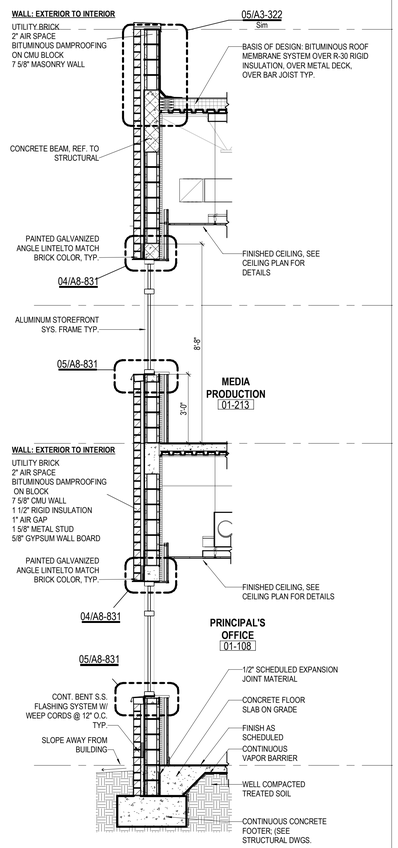
07 WALL SECTION
3/8" = 1'-0"



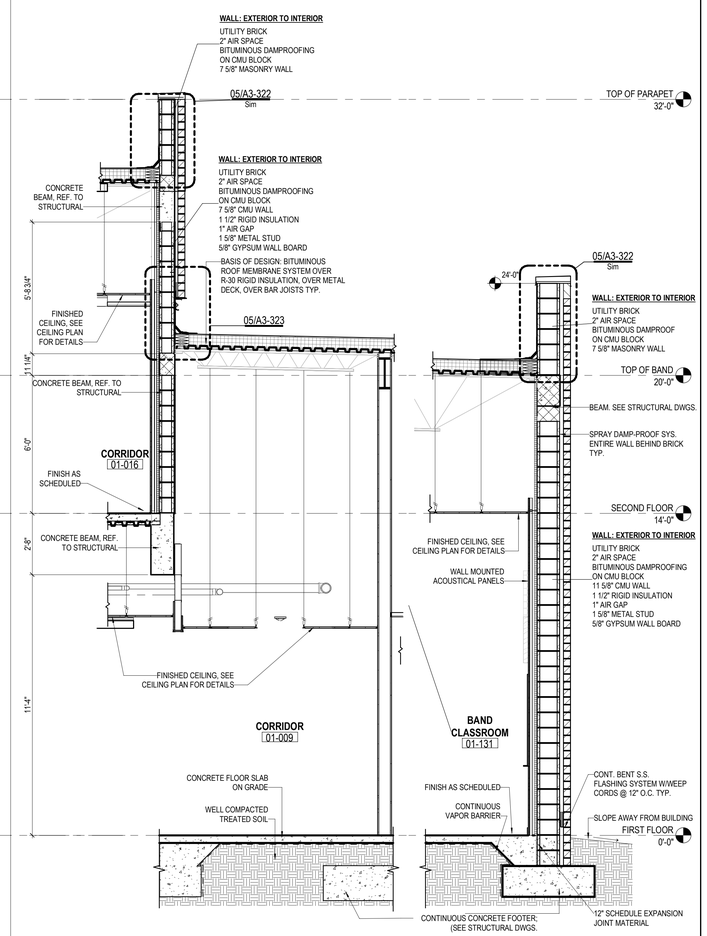
04 WALL SECTION
3/8" = 1'-0"



03 BUILDING #01 - NORTH / SOUTH BUILDING SECTION
3/8" = 1'-0"



02 WALL SECTION
3/8" = 1'-0"



01 WALL SECTION
3/8" = 1'-0"

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MURRAY MIDDLE SCHOOL MODERNIZATION

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MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
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AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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DRAWN BY: LA

VOLUME NO. 1

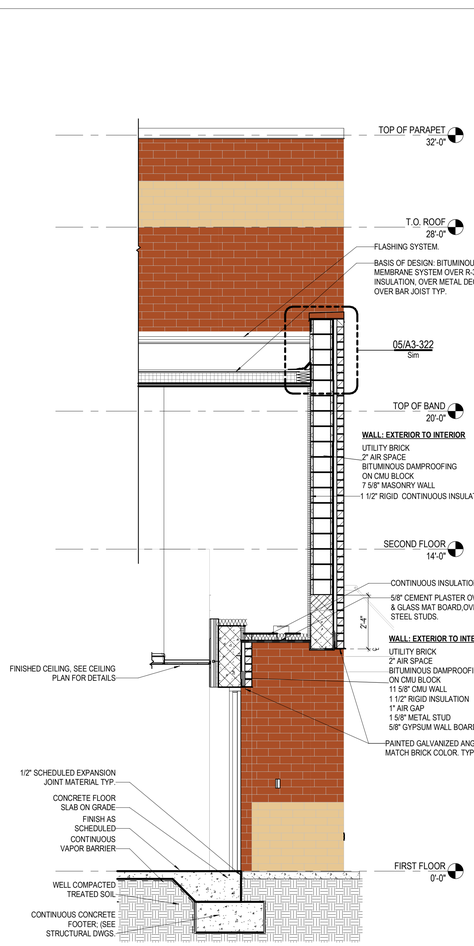
BUILDING #01 - WALL SECTIONS

A2-622

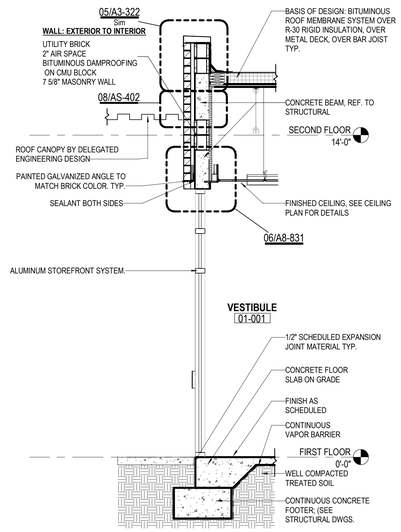
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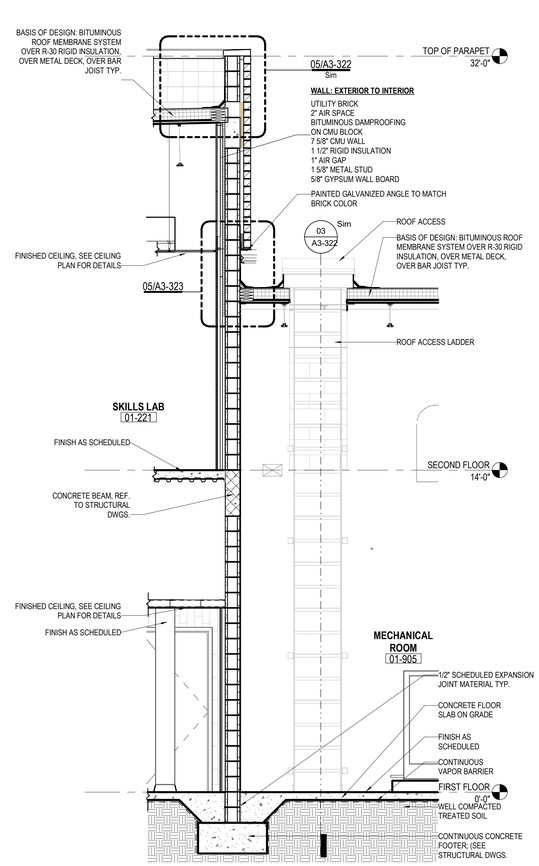
0"
1"



03 WALL SECTION
3/8" = 1'-0"



02 WALL SECTION
3/8" = 1'-0"



01 WALL SECTION
3/8" = 1'-0"

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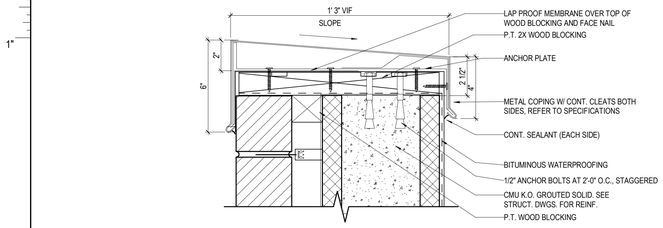
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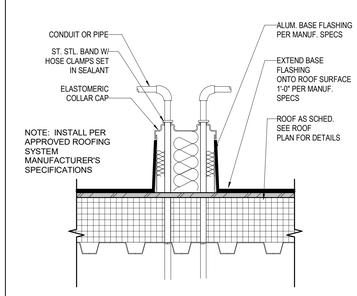
BUILDING #01 - WALL SECTIONS

A2-623

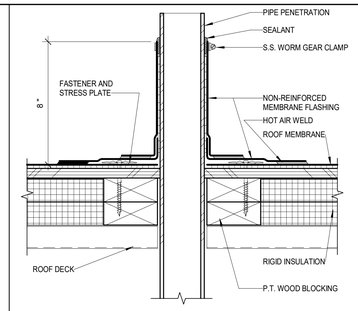
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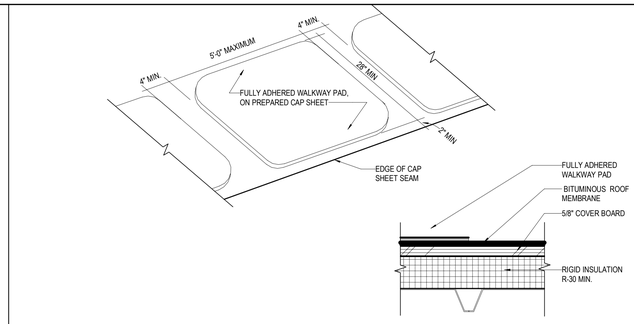
09 COPING AT CMU WALL WITH BRICK
3" = 1'-0"



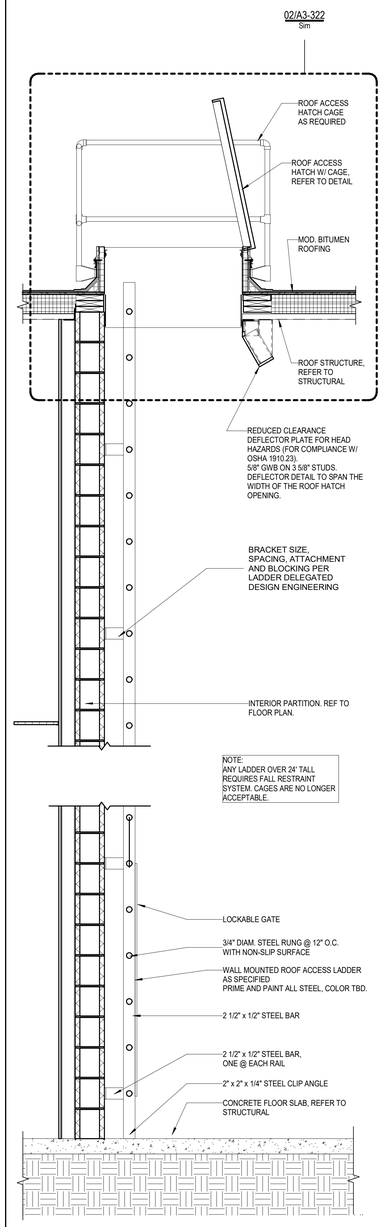
08 ROOF DETAIL PENETRATION
1 1/2" = 1'-0"



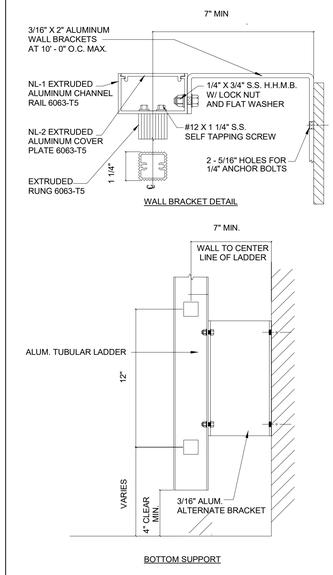
07 TYPICAL VENT DETAIL
3" = 1'-0"



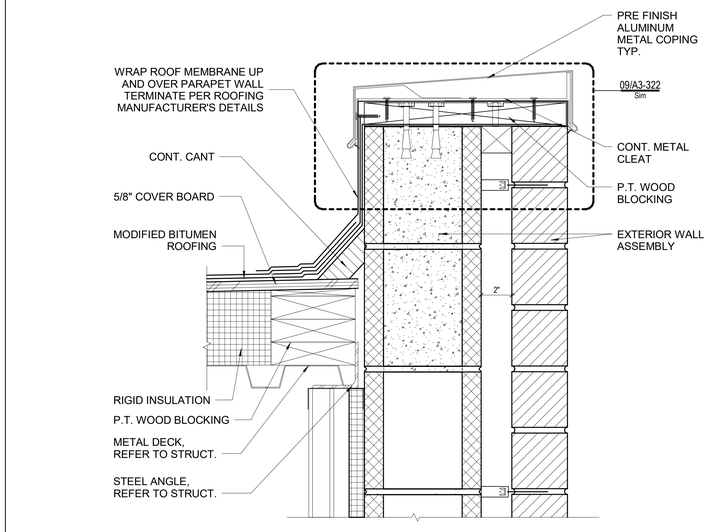
06 WALKWAY PAD DETAIL
3" = 1'-0"



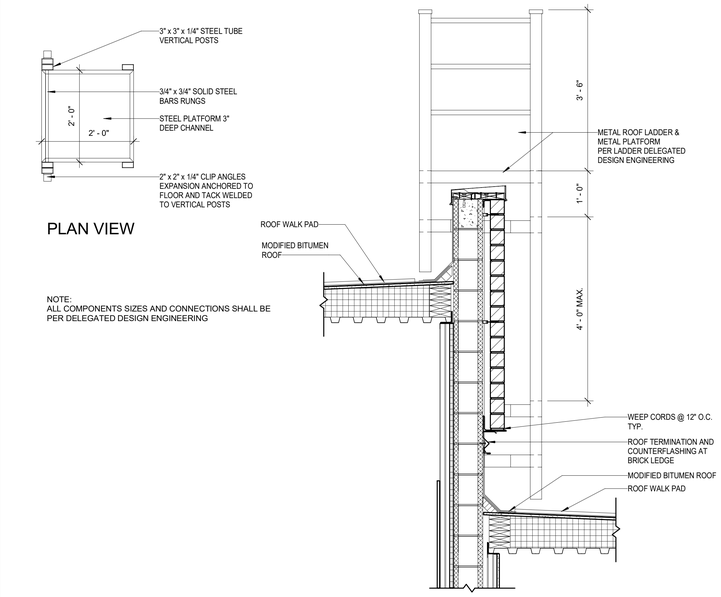
03 ROOF ACCESS LADDER
3/4" = 1'-0"



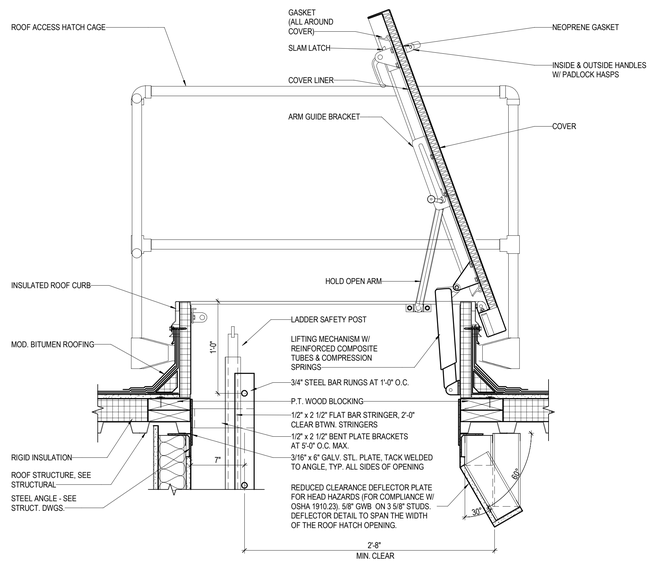
10 LADDER DETAILS
3/4" = 1'-0"



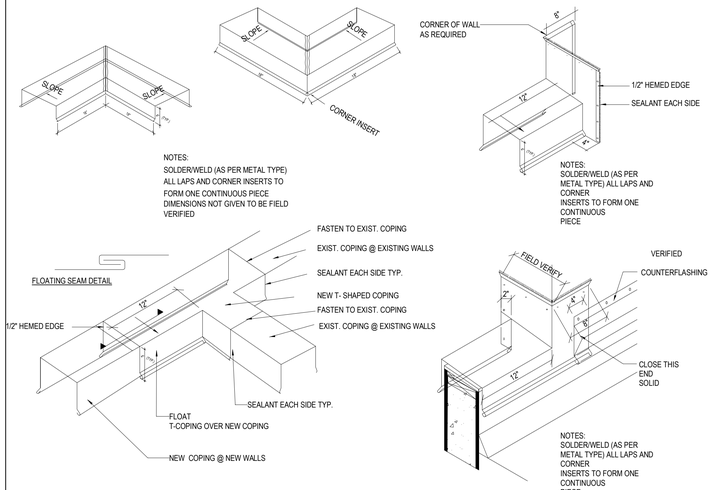
05 ROOF PARAPET
3" = 1'-0"



04 ROOF LADDER DETAIL
3/4" = 1'-0"



02 ROOF HATCH DETAIL
1 1/2" = 1'-0"



01 ROOF DETAIL TYPICAL COPING
1 1/2" = 1'-0"

Plot Stamp:
5/29/2026 3:30:58 PM

HB ESTIMATING REC'D 06.01.2026

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WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

CLIENT PROJECT NUMBER: PO #5182800045
4400 SE MURRAY STREET
STUART, FLORIDA 34997

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

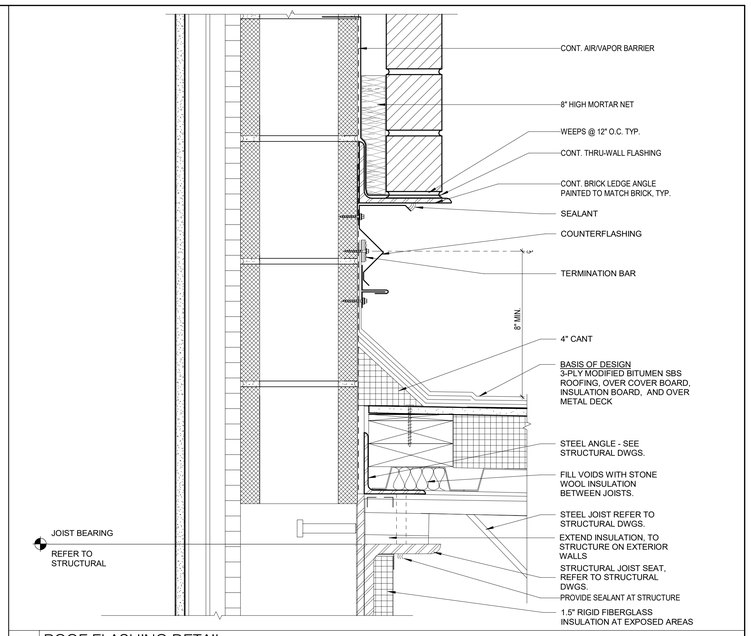
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DRAWN BY: LA

VOLUME NO. 1

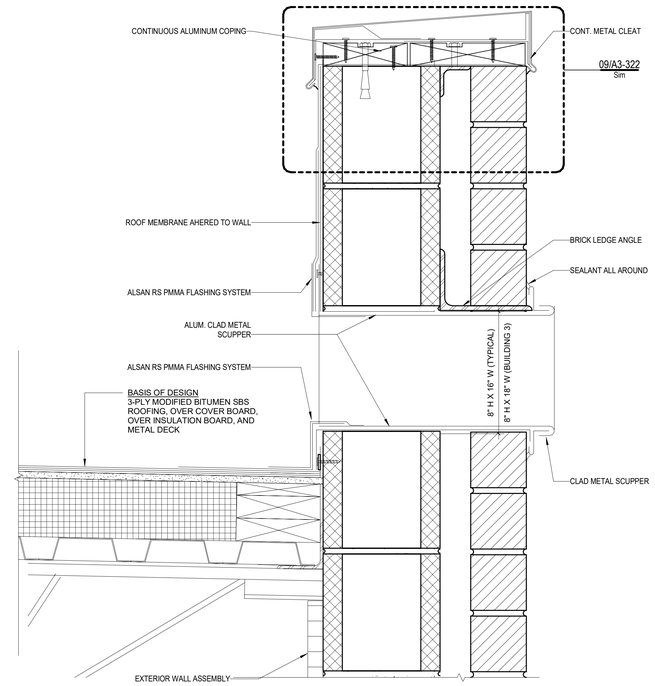
ROOF DETAILS

A3-322

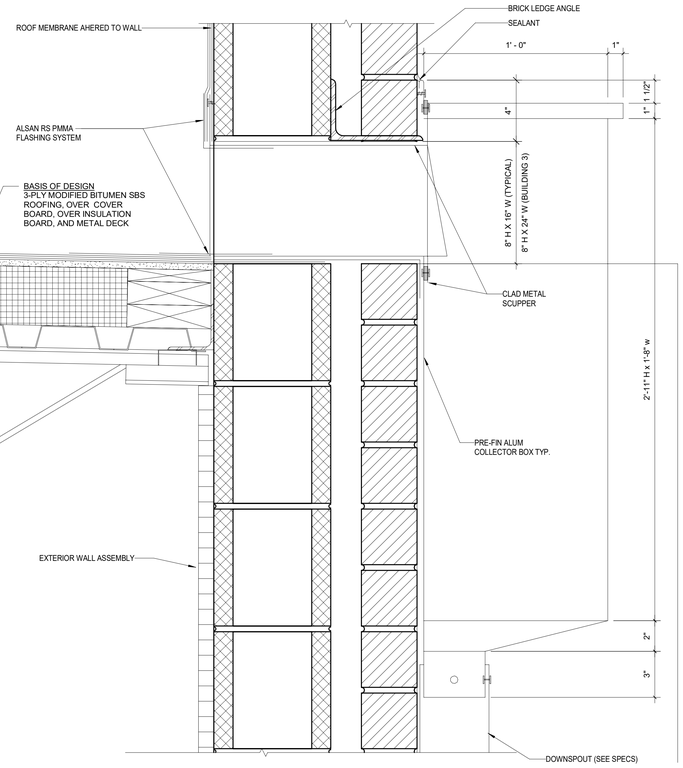
0"
1"



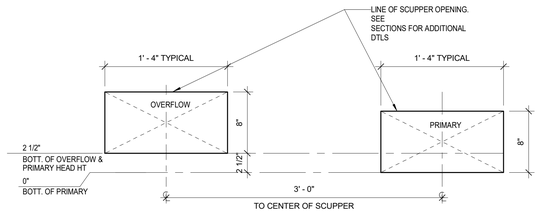
05 ROOF FLASHING DETAIL
3" = 1'-0"



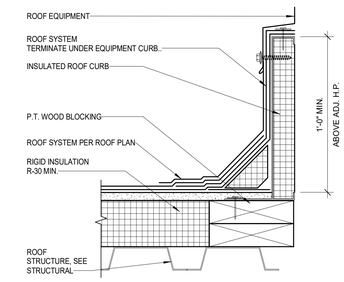
04 SCUPPER OVERFLOW DETAIL
3" = 1'-0"



03 SCUPPER CONDUCTOR DETAIL
3" = 1'-0"



02 TYPICAL SCUPPER HEAD DETAIL
1 1/2" = 1'-0"



01 EQUIPMENT CURB DETAIL
3" = 1'-0"

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FL FIRM: AR 0013140
WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

DRAWN BY: LA

VOLUME NO. 1

ROOF DETAILS

A3-323

Plot Stamp:
5/29/2026 3:31:18 PM

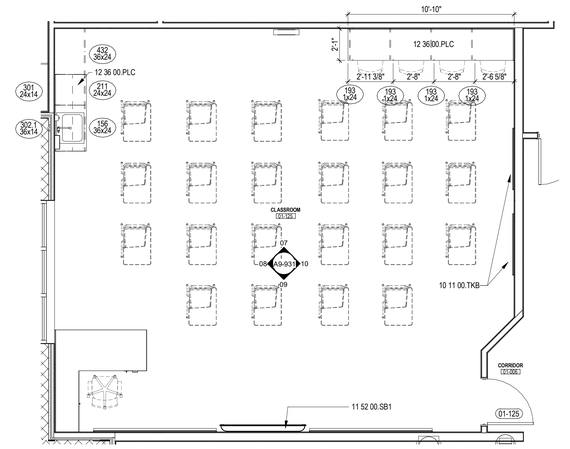
HB ESTIMATING REC'D 06.01.2026

ENLARGED FLOOR PLANS
A4-401

0"
1"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
10 11 00.TKB	4'-0" TACKBOARD - MIN. 4'-0"WIDE
11 52 00.SB1	SMARTBOARD 70" (OFOI)W/MOUNTING BRACKET
12 36 00.PLC	PLASTIC LAMINATE COUNTERTOP



01 01-125 ENLARGED CLASSROOM
1/4" = 1'-0"

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 3:34:55 PM

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561-478-4457

FL FIRM : AR 0013140

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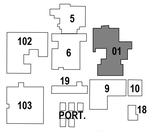
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

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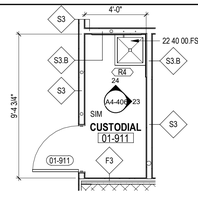
VOLUME NO. 1

ENLARGED FLOOR PLANS

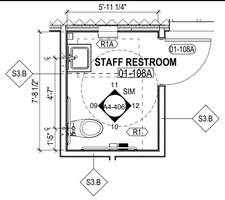
A4-401

ENLARGED TOILET PLANS
A4-406

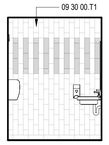
0"
1"



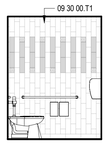
25 CUSTODIAL 01-911
1/4" = 1'-0"



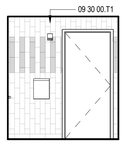
02 PRINCIPAL'S OFFICE RESTROOM
1/4" = 1'-0"



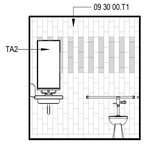
22 01-130 - RESTROOM - W
1/4" = 1'-0"



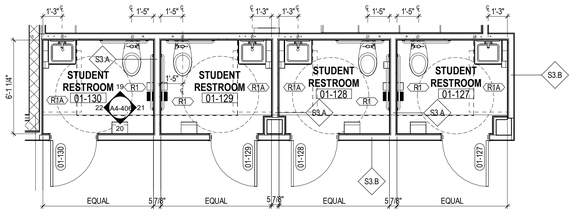
21 01-130 - RESTROOM - E
1/4" = 1'-0"



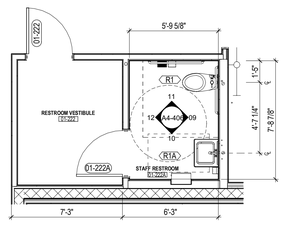
20 01-130 - RESTROOM - S
1/4" = 1'-0"



19 01-130 - RESTROOM - N
1/4" = 1'-0"

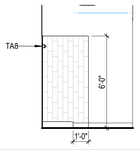


03 FIRST LEVEL STUDENT RESTROOMS
1/4" = 1'-0"

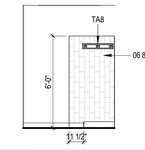


06 ENL PLAN - SECOND LEVEL STAFF RR
1/4" = 1'-0"

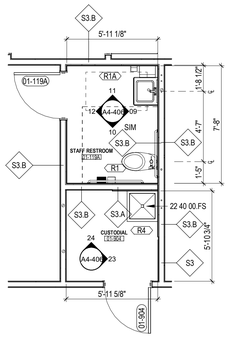
PROVIDE TILE TYPE 1A VERTICAL WAINSCOT TO 6'-0" A.F.F. ON BACK AND SIDE WALL OF MOP SINK. EXTEND TILE BEYOND EDGE OF MOP SINK 12" EACH SIDE. PROVIDE BULLNOSE ON TOP ROW OF TILE.



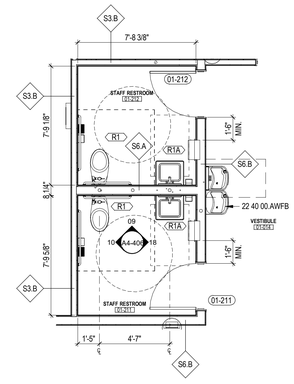
23 CUSTODIAL 01-904 E
1/4" = 1'-0"



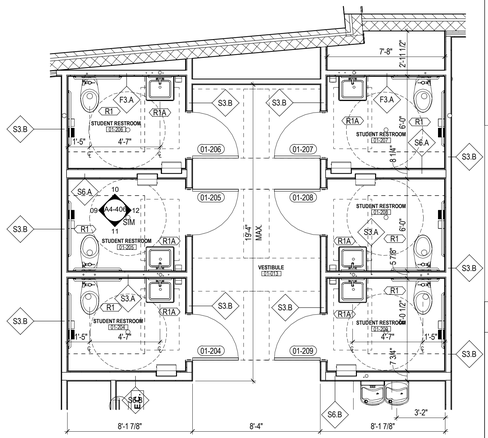
24 CUSTODIAL 01-904 N
1/4" = 1'-0"



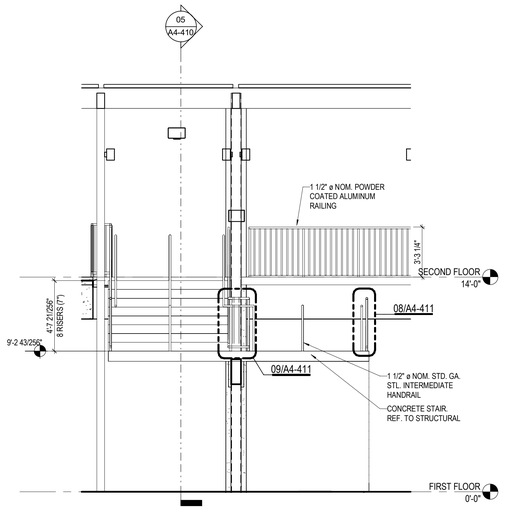
04 TEACHER PLANNING RESTROOM
1/4" = 1'-0"



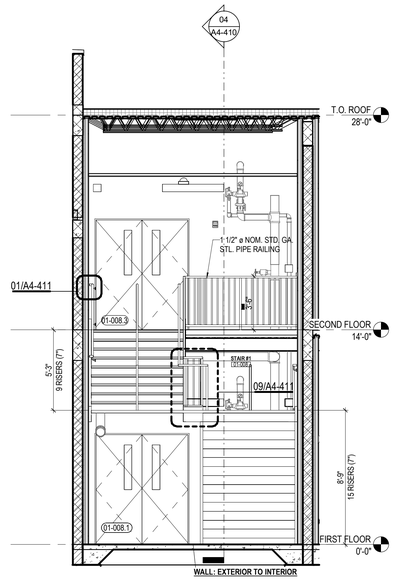
08 SECOND LEVEL STAFF RESTROOMS
1/4" = 1'-0"


7'-8"
2'-11 1/2"
F3.A
R1
R1A
STUDENT RESTROOM
01-206A
S6.A
01-206
01-207
STUDENT RESTROOM
01-207A
6'-0"
8 1/4"
S3.B
S6.A
10
09
A4-406 12
SIM
11
STUDENT RESTROOM
01-205A
01-205
01-208
19'-4" MAX
VESTIBULE
01-208A
STUDENT RESTROOM
01-208A
S3.A
R1
R1A
5'-5 7/8"
6'-0"
S3.A
R1
R1A
STUDENT RESTROOM
01-204A
01-204
01-209
STUDENT RESTROOM
01-209A
6'-0 1/2"
1'-5"
4'-7"
7'-3 3/4"
1'-5"
S3.B
S3.B
S3.B

STAIR PLANS AND SECTIONS
A4-410

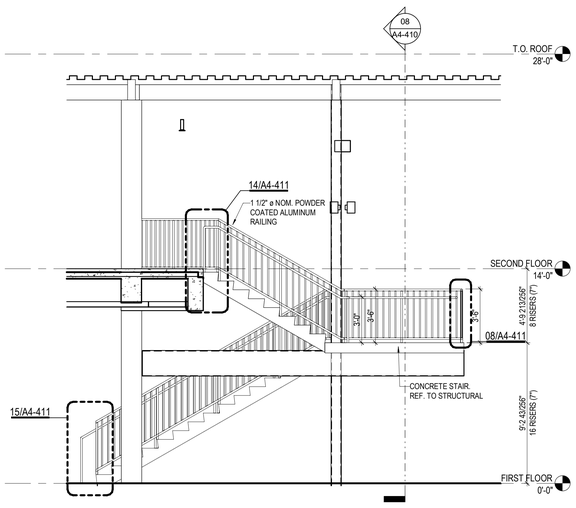


08 SECTION - EXTERIOR COVERED WALKING - LANDING
1/4" = 1'-0"

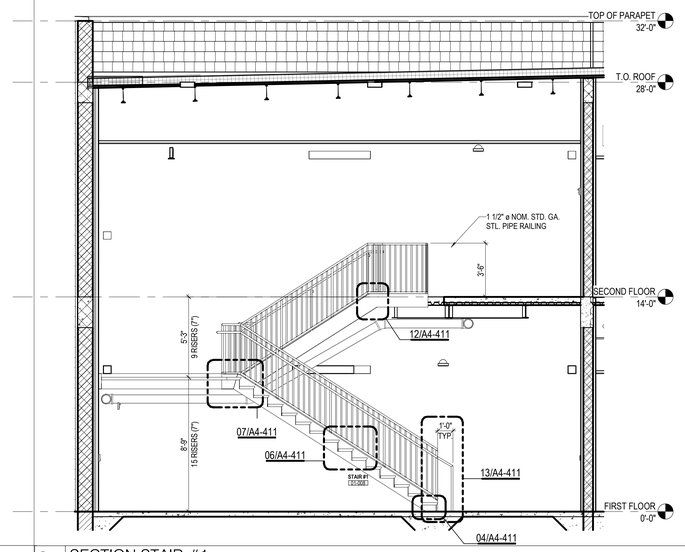


07 SECTION - STAIR # 1 LANDING
1/4" = 1'-0"

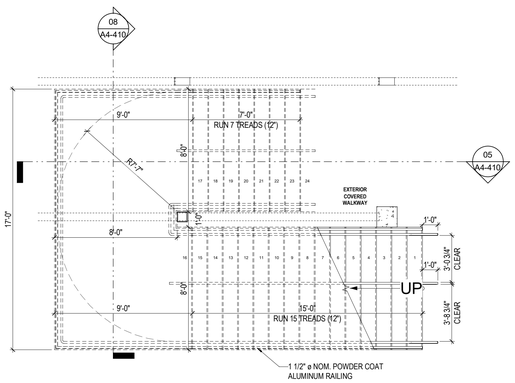
06 BUILDING #01 - SECOND FLOOR EXTERIOR COVERED WALKWAY
1/4" = 1'-0"



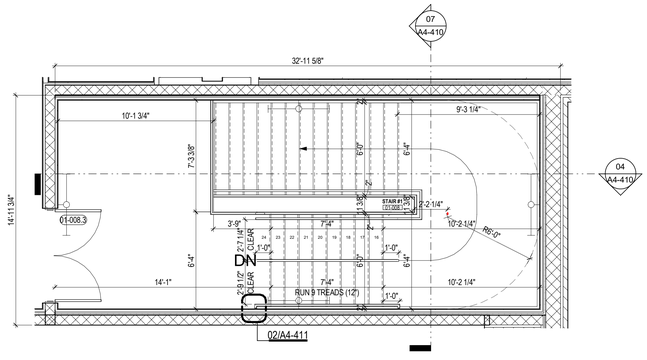
05 SECTION - EXTERIOR COVERED WALKWAY
1/4" = 1'-0"



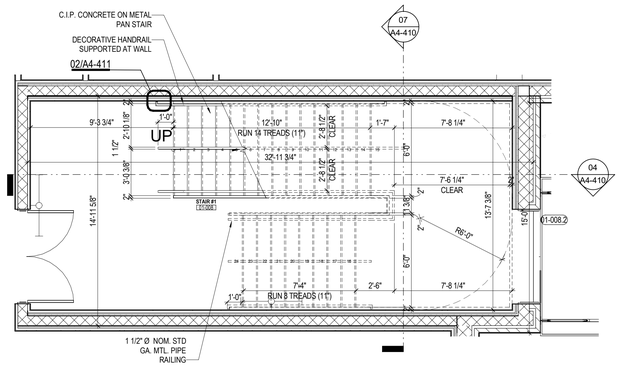
04 SECTION STAIR #1
1/4" = 1'-0"



03 BUILDING #01 - FIRST FLOOR EXTERIOR COVERED WALKWAY
1/4" = 1'-0"



02 BUILDING #01 - SECOND FLOOR STAIR #1
1/4" = 1'-0"



01 BUILDING #01 - FIRST FLOOR STAIR #1
1/4" = 1'-0"

HB ESTIMATING REC'D 06.01.2026

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5/29/2026 3:38:45 PM

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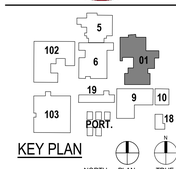
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

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CHECKED BY: AM
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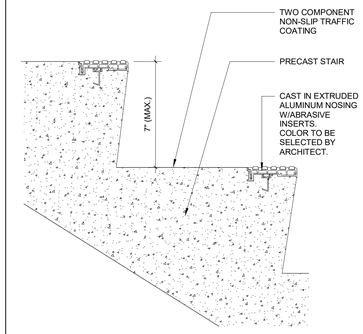
VOLUME NO. 1

STAIR PLANS AND SECTIONS

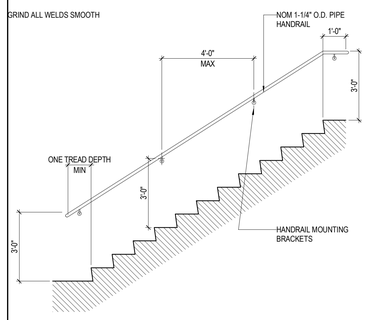
A4-410

STAIR DETAILS
A4-411

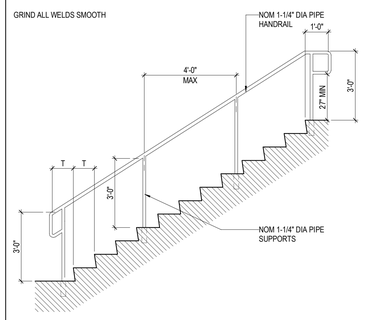
0"
1"



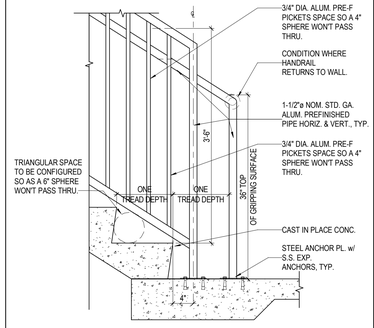
18 TYP. STAIR NOSING DETAIL
3" = 1'-0"



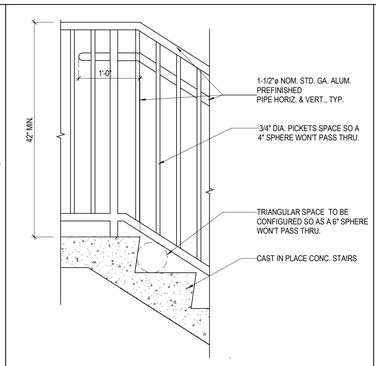
17 TYP. WALL MOUNTED RAILING
3/8" = 1'-0"



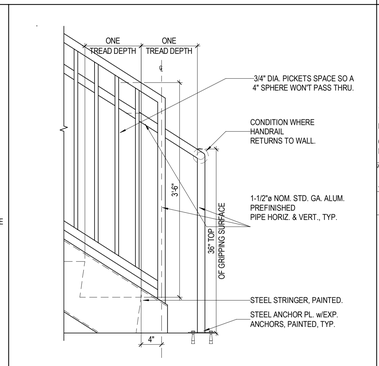
16 TYP. FLOOR MOUNTED RAILING
3/8" = 1'-0"



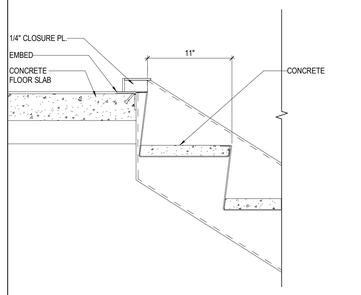
15 STAIR DTL, - CAST CONC. BOT. HANDRAIL
1" = 1'-0"



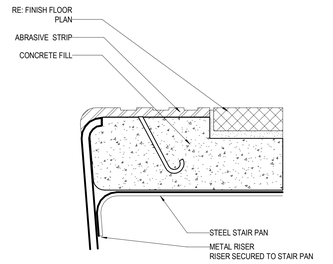
14 STAIR DTL. - CAST CONC. TOP HANDRAIL
1" = 1'-0"



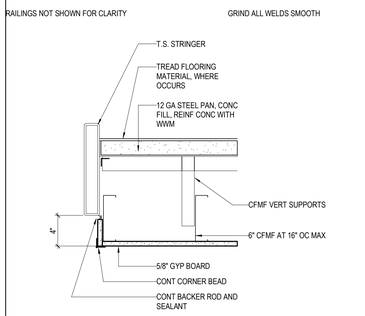
13 STAIR DTL. - BOTTOM HANDRAIL
1" = 1'-0"



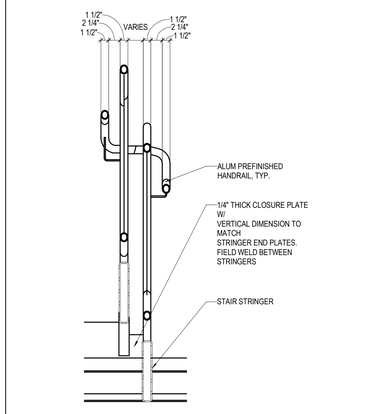
12 UPPER LANDING
1 1/2" = 1'-0"



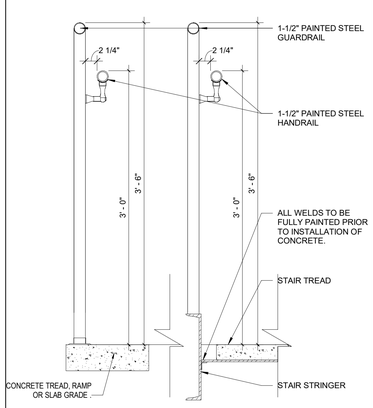
11 TYP. NOSE DETAIL
12" = 1'-0"



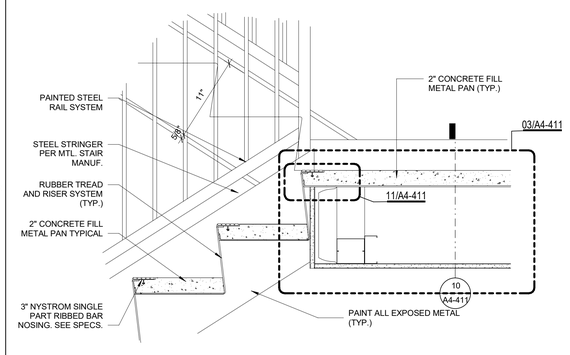
10 TYP. STAIR STRINGER WITH SOFFIT
1 1/2" = 1'-0"



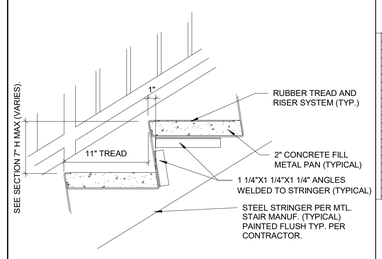
09 STAIR HANDRAIL DETAIL
1" = 1'-0"



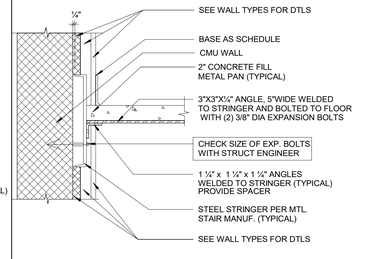
08 STAIR DETAIL
1 1/2" = 1'-0"



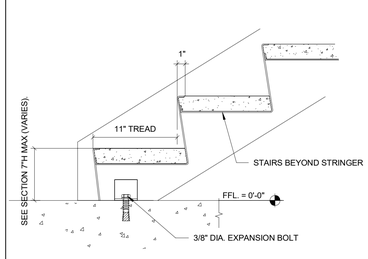
07 STAIR DETAIL
1 1/2" = 1'-0"



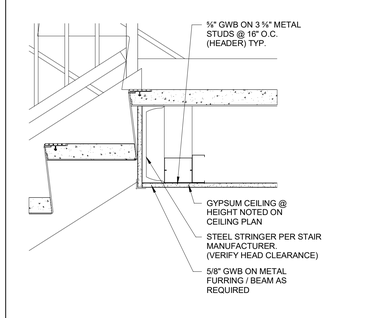
06 STAIR DETAIL
1 1/2" = 1'-0"



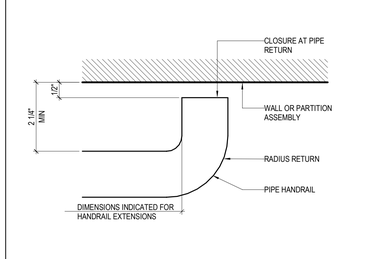
05 STAIR DETAIL
1 1/2" = 1'-0"



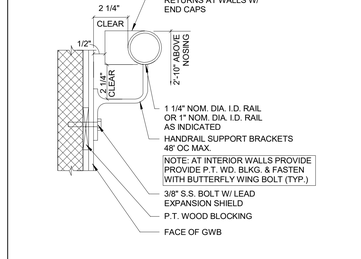
04 STAIR DETAIL
1 1/2" = 1'-0"



03 STAIR DETAIL
1 1/2" = 1'-0"



02 TYP. RAILING PLAN
6" = 1'-0"



01 WALL MOUNTED HAND RAIL
1 1/2" = 1'-0"

Plot Stamp:
5/29/2026 3:39:33 PM

HB ESTIMATING REC'D 06.01.2026

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WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

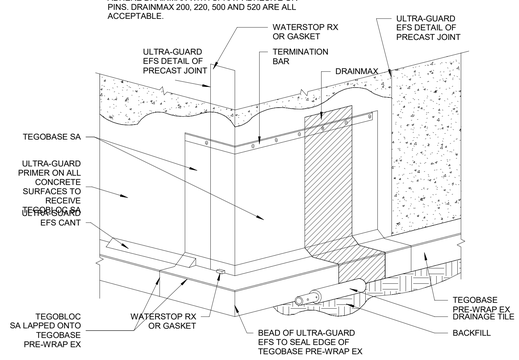
STAIR DETAILS

A4-411

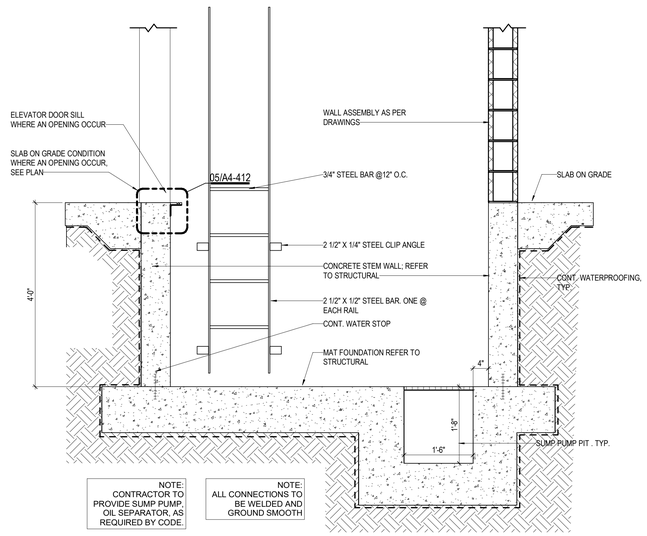
0"
1"

NOTE: SEAL ALL EDGE LAPS AND TERMINATIONS WITH BEAD OF ULTRA-GUARD EFS-TOOLED.

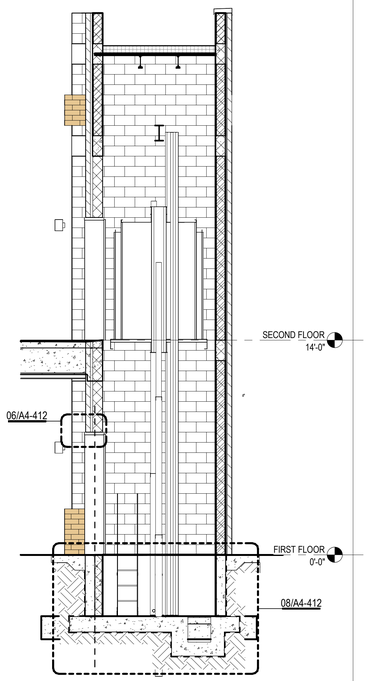
ADHERE DRAINMAX WITH SPRAY ADHESIVE OR PINS. DRAINMAX 200, 220, 500 AND 520 ARE ALL ACCEPTABLE.



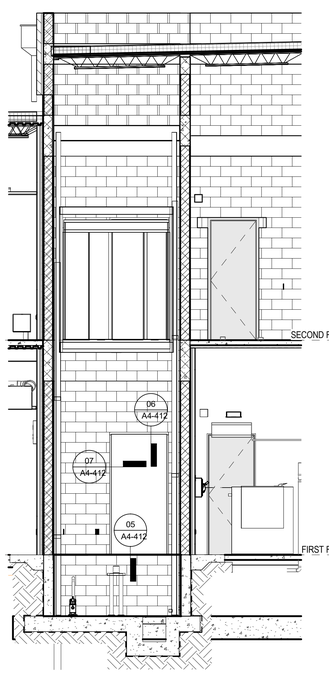
04 ELEVATOR PIT WATERPROOFING DETAIL
3" = 1'-0"



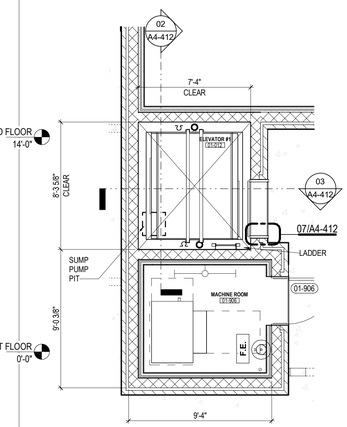
08 ELEVATOR PIT DETAIL
3/4" = 1'-0"



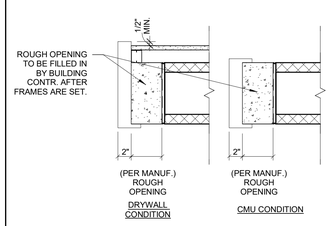
03 SECTION - ELEVATOR E-W
1/4" = 1'-0"



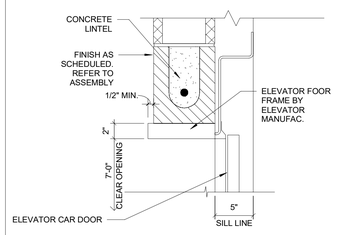
02 SECTION - ELEVATOR N-S
1/4" = 1'-0"



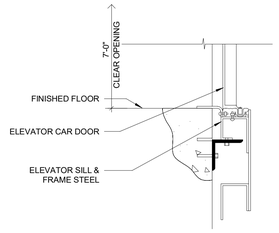
01 BUILDING #01 - ELEVATOR PLAN
1/4" = 1'-0"



07 TYP. ELEVATOR JAMB DETAILS
1 1/2" = 1'-0"



06 TYP. ELEVATOR HEAD DETAIL
1 1/2" = 1'-0"



05 TYP. ELEVATOR SILL DETAIL
1 1/2" = 1'-0"

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA · ANTONIO MIRAGAYA · AR102545 · REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

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ELEVATOR PLAN AND SECTIONS

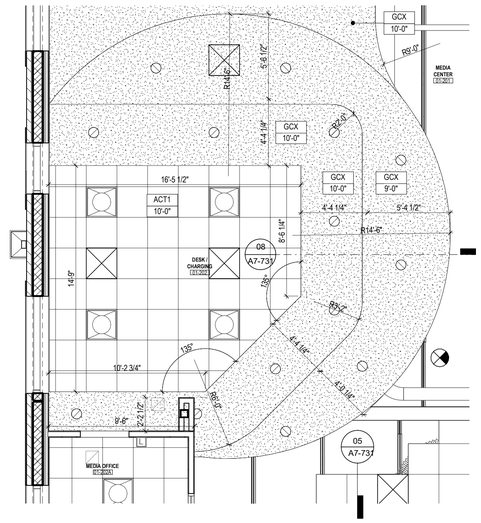
A4-412

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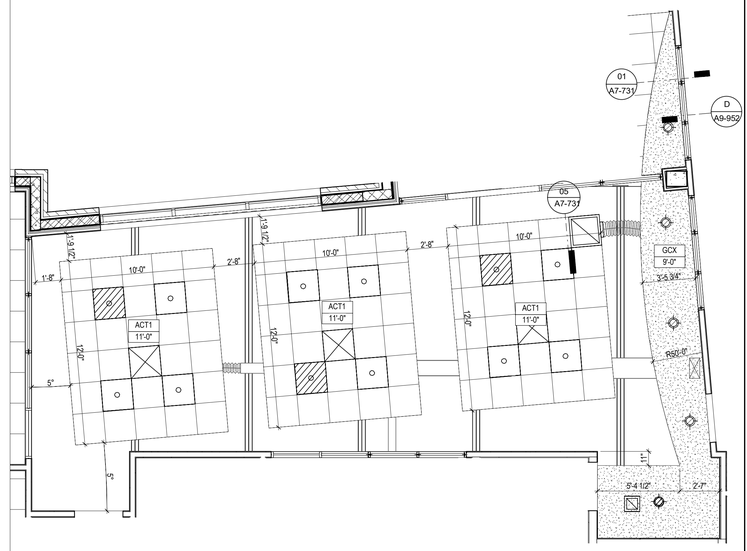
HB ESTIMATING REC'D 06.01.2026

0"
1"

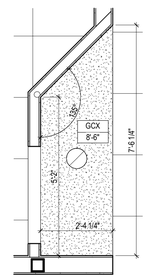
ENLARGED CEILING PLANS
A4-430



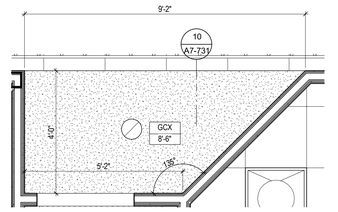
4 BUILDING #01 - SECOND FLOOR ENLARGED MEDIA CENTER RCP
1/4" = 1'-0"



3 BUILDING #01 - FIRST FLOOR REFLECTED CEILING PLAN - ENTRY RCP
1/4" = 1'-0"



2 TYPICAL ENTRY @ CORRIDOR - 2
1/2" = 1'-0"



1 TYPICAL ENTRY @ CORRIDOR - 1
1/2" = 1'-0"

HB ESTIMATING REC'D 06.01.2026

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #6182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

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ENLARGED CEILING PLANS

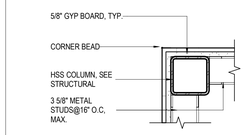
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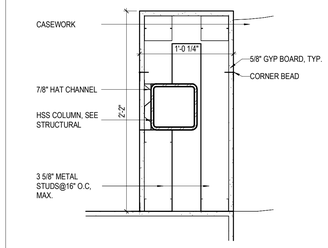
0"

1"

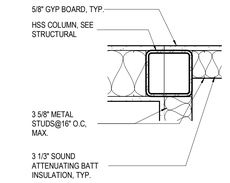
COLUMN DETAILS
A7-701



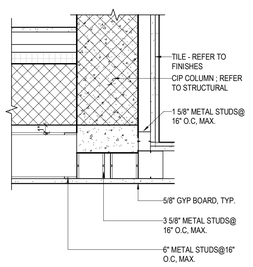
15 STRUCT. COLUMN WRAP AT RESTROOM
1 1/2" = 1'-0"



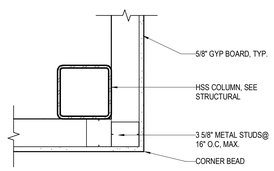
14 COLUMN WRAP @ MEDIA RECEPTION
1 1/2" = 1'-0"



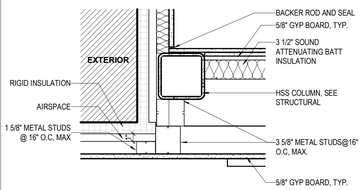
13 STRUCTURAL COLUMN WRAP - DTL 13
1 1/2" = 1'-0"



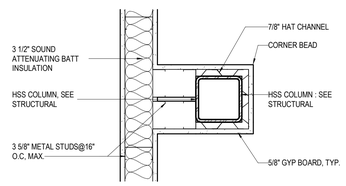
12 STRUCTURAL COLUMN WRAP - DTL 12
1 1/2" = 1'-0"



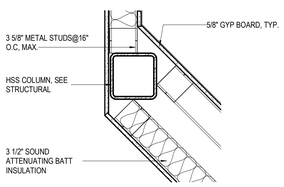
11 STRUCTURAL COLUMN WRAP - DTL 11
1 1/2" = 1'-0"



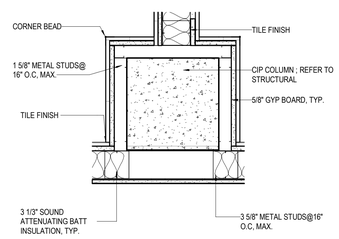
10 STRUCTURAL COLUMN WRAP - DTL 10
1 1/2" = 1'-0"



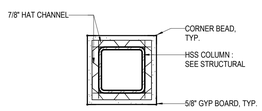
9 STRUCTURAL COLUMN WRAP - DTL 09
1 1/2" = 1'-0"



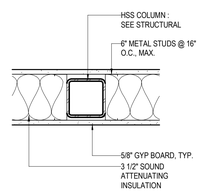
08 STRUCTURAL COLUMN WRAP - DTL 08
1 1/2" = 1'-0"



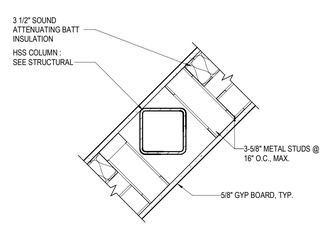
07 STRUCTURAL COLUMN WRAP - DTL 07
1 1/2" = 1'-0"



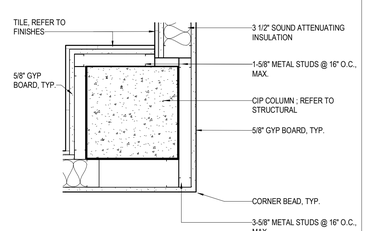
06 STRUCTURAL COLUMN WRAP DETAIL 06
1 1/2" = 1'-0"



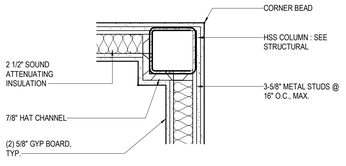
05 STRUCTURAL COLUMN WRAP DETAIL 05
1 1/2" = 1'-0"



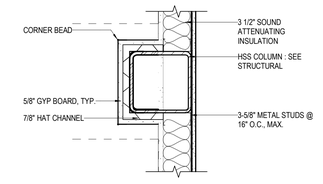
04 STRUCTURAL COLUMN WRAP DETAIL 04
1 1/2" = 1'-0"



03 STRUCTURAL COLUMN WRAP DETAIL 03
1 1/2" = 1'-0"



02 STRUCTURAL COLUMN WRAP - DTL 02
1 1/2" = 1'-0"



01 STRUCTURAL COLUMN WRAP - DTL 01
1 1/2" = 1'-0"

Plot Stamp:
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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

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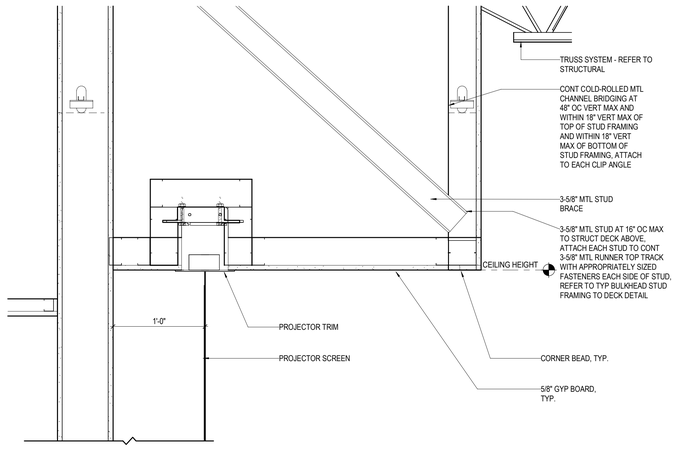
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VOLUME NO. 1

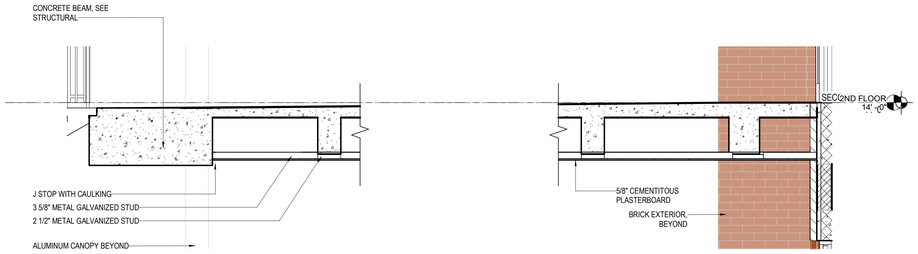
COLUMN DETAILS

A7-701

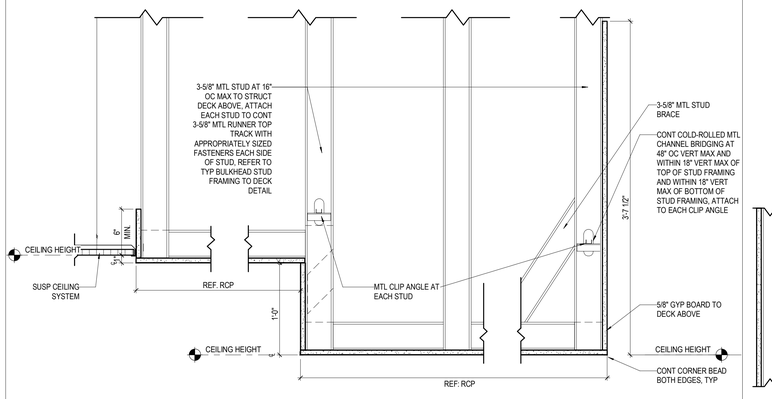
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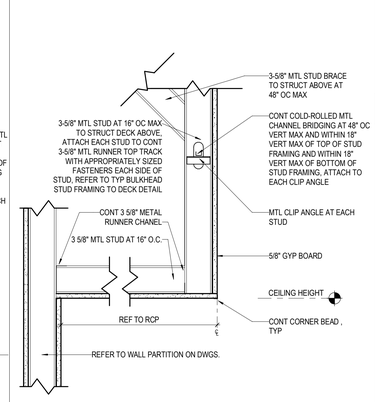
11 CEILING DETAIL - RECESSED PROJECTOR
1 1/2" = 1'-0"



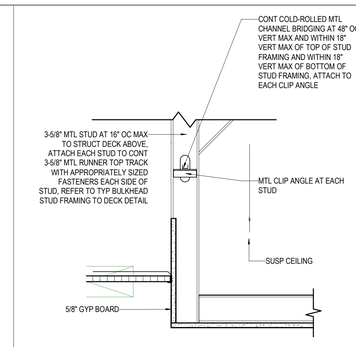
12 CEILING DETAIL - SOFFIT ABOVE EXTERIOR WALKWAY
3/8" = 1'-0"



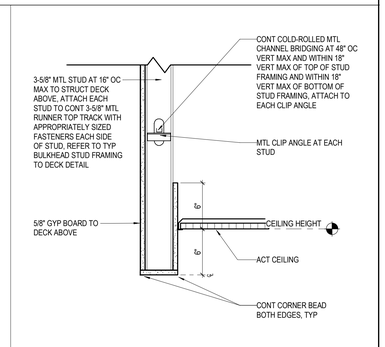
08 CEILING DETAIL
1 1/2" = 1'-0"



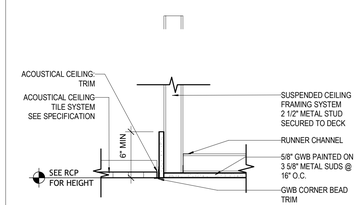
07 CEILING DETAIL
1 1/2" = 1'-0"



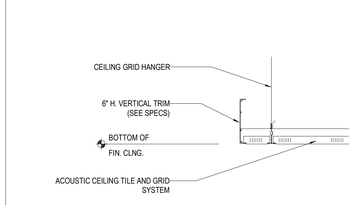
10 DETAIL @ CLASSROOM ENTRY
1 1/2" = 1'-0"



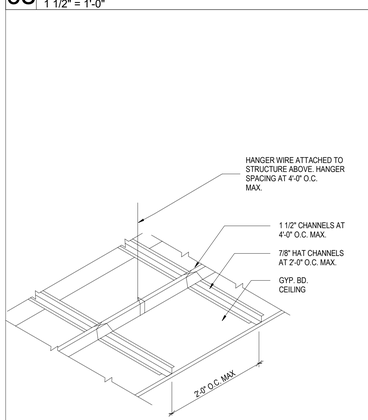
9 DETAIL @ ENTRY
1 1/2" = 1'-0"



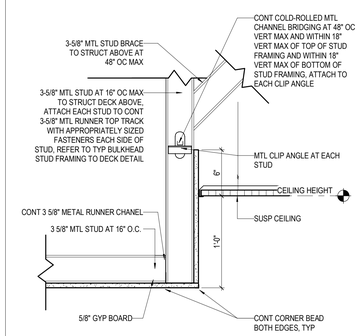
06 CEILING DETAIL - ACT TO GWB SOFFIT
1 1/2" = 1'-0"



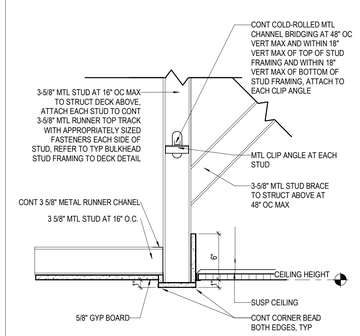
05 CEILING DETAIL - CLOUD TRIM
1 1/2" = 1'-0"



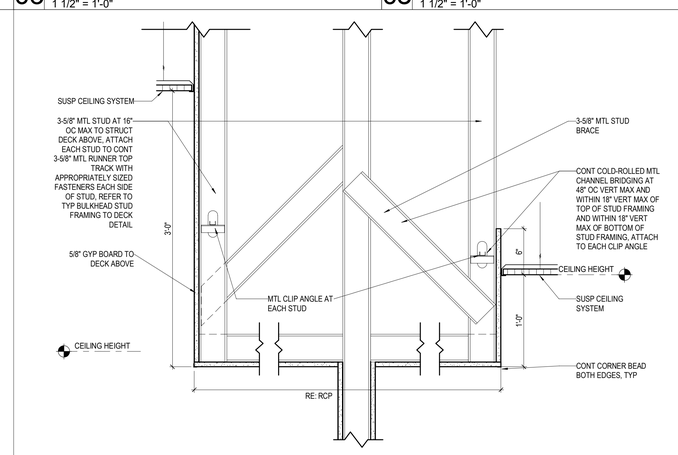
04 CEILING DETAIL - SUSPENSION SYSTEM
1 1/2" = 1'-0"



03 CEILING DETAIL
1 1/2" = 1'-0"



02 CEILING DETAIL
1 1/2" = 1'-0"



01 CEILING DETAIL
1 1/2" = 1'-0"

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 3:52:05 PM

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA · ANTONIO MIRAGAYA · AR102545 · REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE: 2026/05/25	PROJECT NUMBER: 25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: AN

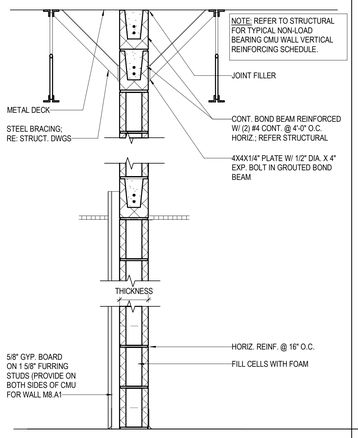
VOLUME NO. 1

CEILING DETAILS

A7-731

PARTITION TYPES
A8-801

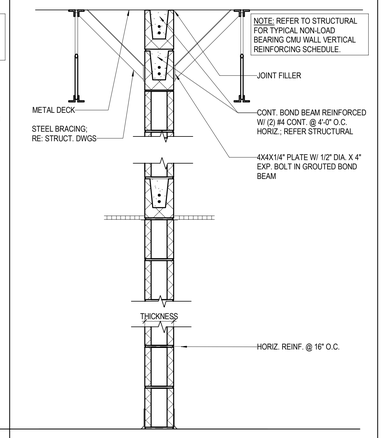
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1"



UL U905

TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
M8.A	8"	1 OR 2 HR	8" CMU w/ 1 5/8" STUDS & 5/8" GYP BD ONE SIDE		
M8.A1	8"	1 OR 2 HR	8" CMU w/ 1 5/8" STUDS & 5/8" GYP BD BOTH SIDEs		

11 PARTITION TYPE M-.A [TO DECK W FINISH]
1" = 1'-0"



UL U905

TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
M8	8"	1 HR	8" CMU TO DECK	44	

10 PARTITION TYPE M- [TO DECK]
1" = 1'-0"

BRACE FRAMING FOR 3-5/8" STUDS

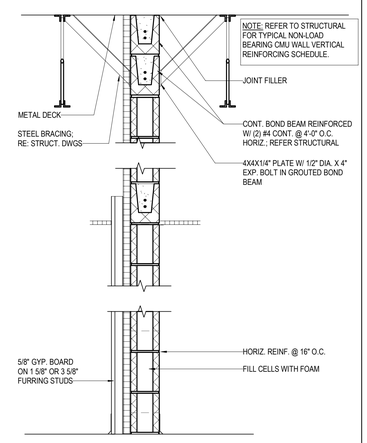
STUD TYPE	STUD PROP.	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA.)	1X = 0.541 IN^4	4'-0" O.C.	14'-0"	BRACE AT MID-POINT FOR LENGTHS OVER 14'-0"
	rx = 1.429 IN			
	A = 0.2136 IN^2			
	Sx = 0.273 IN^3			

BRACE FRAMING FOR 6" STUDS

STUD TYPE	STUD PROP.	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA.)	1X = 1.787 IN^4	4'-0" O.C.	20'-0"	BRACE AT MID-POINT FOR LENGTHS OVER 20'-0"
	rx = 2.253 IN			
	A = 0.2148 IN^2			
	Sx = 0.539 IN^3			

LIMITING HEIGHT OF METAL STUDS

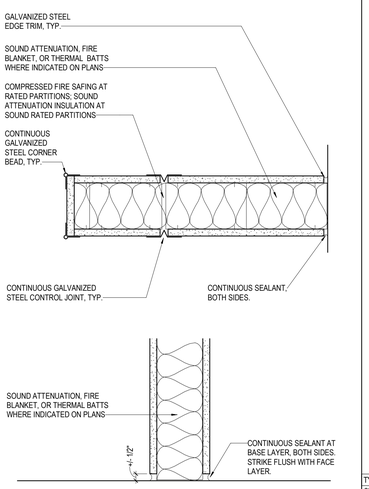
09 PARTITION TYPES (FL) -BRACING CHART
12" = 1'-0"



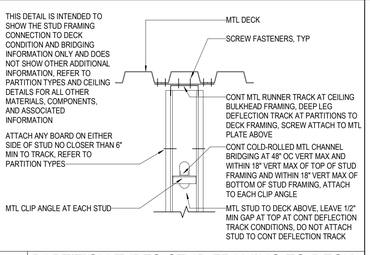
UL U905

TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
M8.B	8"	1 OR 2 HR	8" CMU w/ INSUL. 1 5/8" STUDS & 5/8" GYP BD ONE SIDE		
M8.B1	8"	1 OR 2 HR	8" CMU w/ INSUL. 1 5/8" STUDS & 5/8" GYP BD BOTH SIDES		
M8.C	8"	1 OR 2 HR	8" CMU w/ INSUL. 3 5/8" STUDS & 5/8" GYP BD ONE SIDE		
M8.C1	8"	1 OR 2 HR	8" CMU w/ INSUL. 3 5/8" STUDS & 5/8" GYP BD BOTH SIDES		

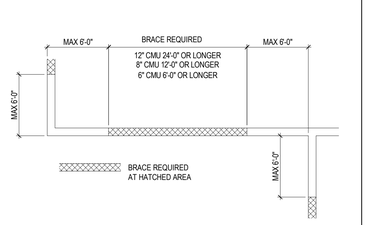
12 PARTITION TYPE M-.B & C [TO DECK]
1" = 1'-0"



08 PARTITION TYPES -TYP DETAILS
12" = 1'-0"



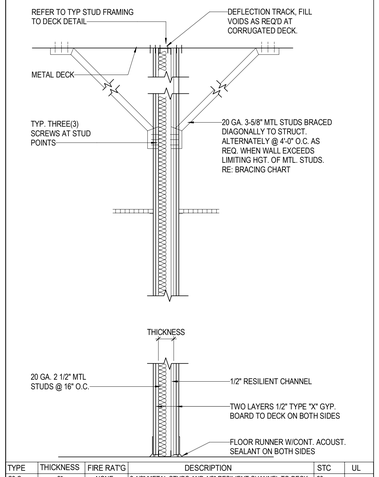
03 PARTITION TYPES-STUD FRAMING TO DECK
1 1/2" = 1'-0"



02 PARTITION TYPES-TYP CMU WALL BRACING
12" = 1'-0"

PARTITION SYMBOL LEGEND

- CMU BLOCK - REFER TO TABLE FOR THICKNESS
- CONT. BOND BEAM BLOCK - REFER TO TABLE FOR THICKNESS REINFORCE W/ CONT. REBAR @ 9'-0" A.F.F.:
  - (2) #4 @ 8" CMU
  - (2) #5 @ 8" CMU
  UNO BY STRUCTURE
- CONT. BOND BEAM REINFORCED W/ (2) #4 CONT. UNO BY STRUCTURE - REFER TO TABLE FOR THICKNESS
- SOUND ATTENUATION BLANKETS
- SCHEDULED CEILING



TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
S3.C	3"	NONE	2 1/2" METAL STUDS AND 1/2" RESILIENT CHANNEL TO DECK	60	

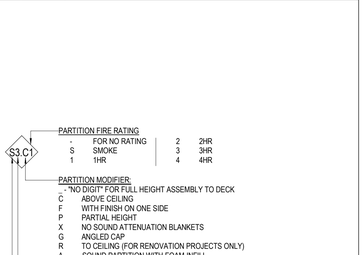
07 PARTITION TYPE - S3.C [TO DECK]
1" = 1'-0"

PARTITION NOTES

1. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF WALLS AND PARTITIONS WITH FIRE, SMOKE, AND FIRE-SMOKE RESISTANCE RATINGS.
2. ALL PARTITIONS SHALL EXTEND FROM FINISH FLOOR TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE.
3. PROVIDE ACOUSTICAL SOUND BATT INSULATION (SAB) FULL DEPTH OF STUD CAVITY AT ALL PARTITIONS UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, PARTITION METAL STUDS SHALL BE 20 GAUGE, DESIGNED TO AN L/240 DEFLECTION AT 5 P.S.F. AS REQUIRED BY CODE.
5. AT PARTITIONS SCHEDULED TO RECEIVE TILE, METAL STUDS SHALL BE 20 GAUGE, DESIGNED TO AN L/360 DEFLECTION OR LESS AT 5 P.S.F. AS RECOMMENDED BY TCNA.
6. ALL PARTITIONS WITH AN STC RATING SHALL HAVE TRACKS SET IN ACOUSTICAL SEALANT. ALL JOINTS AND PENETRATIONS SHALL BE SEALED TO MAINTAIN THE STC RATING.
7. THE CONTRACTOR SHALL AT ALL TIMES ENDEAVOR TO CONSTRUCT THE FACILITY IN STRICTEST ACCORDANCE TO SOUND PRACTICES OF FIRE RESISTIVE CONSTRUCTION. DEVIATIONS FROM RECOMMENDATIONS OF MANUFACTURER, INDEPENDENT FIRE TESTS OR GYPSUM ASSOCIATION RECOMMENDATIONS SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
8. MARKING AND IDENTIFICATION: FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE ANY CEILING AND IN CONCEALED SPACES WITH THE WORDING, "FIRE AND / OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR SIMILAR LANGUAGE DEPENDING ON WALL TYPE. SUCH IDENTIFICATION SHALL:
   i) BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 15 FEET ON CENTER MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
   ii) INCLUDE LETTERING 4 INCHES IN HEIGHT WITH A 1/2 INCH STROKE IN A CONTRASTING COLOR
9. ALL CORRIDOR, FIRE/SMOKE BARRIER AND FIRE-RATED WALLS SHALL EXTEND THRU THE INTERIOR LAYER OF G.W.B. AND STUD CAVITY TIGHT TO THE BACK OF EXTERIOR SHEATHING IN EXTERIOR STUD WALLS AND OVERHANGING FASCIAS. WHERE SUCH PARTITIONS INTERSECT ONE OF LESSER FIRE RATING, THEIR LAYERS OF G.W.B. SHALL CONTINUE UNINTERRUPTED THROUGH THE WALL OF LESSER FIRE RATING. THE CONTRACTOR SHALL OBSERVE THE FOLLOWING CONSTRUCTION INSTALLATION SEQUENCE:
   1. 4-HOUR FIRE/SMOKE
   2. 4-HOUR FIRE
   3. 2-HOUR FIRE/SMOKE
   4. 2-HOUR FIRE
   5. 1-HOUR FIRE SMOKE
   6. 1-HOUR FIRE (INCLUDING CORRIDORS WHERE RATED)
   7. SMOKE TIGHT TO UNDERSIDE OF DECK
   8. SMOKE TIGHT TO ABOVE CEILING
   9. OTHER INTERIOR PARTITIONS AND THE INTERIOR LAYER OF GYPSUM WALLBOARD ON EXTERIOR WALLS
10. ALL G.W.B. SHALL BE FIRE RESISTANT UL CLASSIFIED TYPE "X" MATERIAL UNLESS SPECIFIED TO BE OF A HIGHER RATING, AND APPLIED IN STRICT CONFORMANCE TO THE APPLICABLE FIRE TEST DESIGN.
    i) JOINTS ON OPPOSITE WALL FACES OFFSET FROM EACH OTHER AS REQUIRED BY THE U.L. TESTED WALL ASSEMBLY.
    ii) HORIZONTAL JOINTS SHALL NOT OCCUR BELOW CEILING. FASTENERS SHALL BE OF APPROVED TYPE AND INSTALLED IN ACCORDANCE WITH APPLICABLE FIRE TEST.
11. THROUGH PENETRATIONS: WHERE DUCTS, PIPES, CONDUIT, BAR JOISTS, BEAMS, LOW VOLTAGE CABLING OR ANY OTHER MATERIALS PENETRATE A FIRE RATED FLOOR, WALL OR PARTITION, OPENINGS SHALL BE PROTECTED BY A U.L. TESTED AND APPROVED PENETRATION FIRESTOP ASSEMBLY.
    i) ANNULAR SPACE AT METALLIC PIPE PENETRATIONS IN CONCRETE OR CMU MAY BE GROUTED SOLID WHERE PERMITTED BY FBCB 714.4.1, FBCB 714.5.1 AND NFPA 101-8.3.2.4.5. DO NOT COVER PENETRATIONS OF CMU WALLS WITH G.W.B.
    ii) PENETRATIONS AT SMOKE PARTITIONS SHALL BE SEALED WITH AN APPROVED MATERIAL.
12. MEMBRANE PENETRATIONS: WHERE DEVICES ARE INDICATED IN A FIRE OR FIRE/SMOKE WALL ON THE DRAWINGS, THE MAXIMUM ALLOWABLE AREA OF INDIVIDUAL U.L. LISTED STEEL BACKBOXES PERMITTED IN THE WALL IS 16 SQ.IN. WITH A MAXIMUM AGGREGATE OF 100 SQ.IN. PER 100 SQUARE FEET OF WALL AREA. BACKBOXES ON OPPOSITE FACES OF SUCH WALLS SHALL BE OFFSET A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES OR SHALL BE PROTECTED BY A U.L. TESTED AND APPROVED MEMBRANE PENETRATION FIRESTOP ASSEMBLY.
13. MEMBRANE PENETRATIONS: ITEMS RECESSED IN WALLS WITH FIRE OR SMOKE RATINGS SUCH AS RECESSED TOILET ACCESSORIES, FIRE EXTINGUISHER AND/OR HOSE CABINETS, FIRE ALARM SIGNAL BOXES, ELECTRICAL AND SIGNAL CABINETS, OR OTHER BACKBOXES WHICH EXCEED 16 SQ. IN. SHALL BE PROTECTED BY A U.L. TESTED AND APPROVED MEMBRANE PENETRATION FIRESTOP ASSEMBLY. ITEMS RECESSED IN NON FIRE -RATED CORRIDOR WALLS AND IN SMOKE PARTITIONS SHALL BE SEALED WITH AN APPROVED MATERIAL.
14. FIRE-RATED JOINT ASSEMBLIES: INTERSECTIONS BETWEEN FIRE-RATED AND/OR SMOKE-RATED WALLS AND FLOOR/CEILING ASSEMBLIES SHALL BE PROTECTED BY A U.L. OR OTHER NRTL TESTED AND APPROVED JOINT ASSEMBLY. REFER TO PARTITION DETAILS AND THE PROJECT MANUAL SPECIFICATIONS.
15. WHERE FIRE RATED WALL ASSEMBLIES INTERSECT OR OCCUR IN CLOSE PROXIMITY TO STEEL BEAMS OR JOISTS, PROVIDE STUD FRAMING AND GYPSUM WALLBOARD ENCLOSURE AROUND THE BEAM OR JOIST IN ACCORDANCE WITH U.L. TESTED ASSEMBLY WITH SAME THE FIRE-RESISTANCE RATING OF THE WALL. REFER TO PARTITION DETAILS.
16. WHERE METAL STUD PARTITIONS ARE CONNECTED OR BRACED TO SFRM PROTECTED STRUCTURE, INSTALL 20 GAUGE GALV. METAL Z-CLIPS SPACED AS REQUIRED BY PARTITION DESIGN, PRIOR TO THE INSTALLATION OF THE SPRAY FIREPROOFING.
17. WALLS THAT ARE SMOKE TIGHT TO DECK SHALL BE SEALED ABOVE THE CEILING ON ONE SIDE TO STOP THE PASSAGE OF SMOKE. SEAL ALL G.W.B. JOINTS WITH DRYWALL TAPE AND JOINT COMPOUND. INSTALL G.W.B. TIGHT TO ALL DUCTS AND DUCT INSULATION. USE METALLIC DUCT TAPE TO SEAL BETWEEN THE DUCT AND THE G.W.B. SEAL AROUND PIPES AND CONDUITS WITH ACOUSTICAL SEALANT OR LATEX CAULK. INSTALL METALLIC SLEEVES AROUND LOW VOLTAGE CABLES THAT PENETRATE THE WALL, AND SEAL AROUND THE SLEEVE AND INSIDE THE SLEEVE WITH ACOUSTICAL SEALANT.
18. PERIMETER FIRE CONTAINMENT: JOINTS BETWEEN FLOORS AND EXTERIOR CURTAIN WALLS SHALL BE FIRE SAFED WITH A U.L. OR OTHER NRTL TESTED AND APPROVED FIRE CONTAINMENT ASSEMBLY. FIRE RATING OF THE ASSEMBLY SHALL MATCH THE FIRE-RESISTANCE-RATING OF THE FLOOR CONSTRUCTION.
19. ALL VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, PANELS, ETC. (WHETHER SHOWN OR NOT) IN FINISHED ROOMS NOT ENCASED IN FINISHED WALLS OR CEILINGS SHALL BE FURRED-IN AND FINISHED TO MATCH ADJACENT SURFACES.
    i) SUCH FURRED SPACES SHALL EXTEND THE LENGTH OF THE WALL BETWEEN INTERSECTING WALLS UNLESS OTHERWISE INDICATED.
    ii) WHERE FURRING A PORTION OF A WALL CONFLICTS WITH CASEWORK, THE FURRED LENGTH SHALL BE AS REQUIRED TO ALLOW FOR PROPER INSTALLATION.
    iii) WHERE ACCESS IS REQUIRED FOR VALVES, DAMPERS OR OTHER DEVICES REQUIRING ADJUSTMENT, PROVIDE ACCESS PANELS PAINTED TO MATCH ADJACENT SURFACES. WHERE ENCLOSURE CONSTITUTES PART OF A FIRE-RATED ASSEMBLY, PROVIDE LABELED ACCESS DOOR.
20. G.W.B. IN TOILET ROOMS, SHOWERS, JANITOR CLOSETS AND OTHER AREAS SUBJECT TO WET CONDITIONS SHALL BE MOISTURE RESISTANT TYPE "X" ON WALLS AND CEILINGS, UNLESS NOTED OTHERWISE.
    i) REFER TO LIFE SAFETY PLANS AND U.L. ASSEMBLY FOR FIRE-RESISTANCE RATED WALLS.
21. PROVIDE BLOCKING AND DOUBLE STUDS @ 16" O.C. FOR FULL WIDTH OF AV MONITORS, EQUIPMENT OR CASEWORK. REFER TO AV DRAWINGS, CASEWORK DRAWINGS AND PARTITION DETAILS.
22. PROVIDE ENCLOSURE AND ACCESS PANEL AT EACH FIRE PROTECTION INSPECTION TEST VALVE. LOCATE VALVES AND PIPES IN EXTERIOR WALLS. PROVIDE NON-RATED PAINTED STEEL ACCESS PANEL 12" SQUARE.
23. INSTALL K-13 SPRAY-ON SYSTEMS (PH 1-713-433-6701) PAINTED BLACK ON THE BOTT. OF THE DECK IN ROOMS 01-101, 01-201, 01-203B. PAINT ALL WALLS & STEEL STRUCT. BLACK ABOVE 10'-0" IN ROOM 01-101, 01-201, 01-203B.
24. PROVIDE ABUSE RESISTANT GWB TO 8'-0" AFF IN ALL CORRIDORS, MEDIA ROOM AND CLASSROOMS.
25. INSTALL CERAMIC TILE ON THE WALLS BEHIND & THE SIDES WALLS @ THE DRINKING FOUNTAIN & FLOOR SINK LOCATIONS THE WIDTH OF THE DRINKING FOUNTAIN & FLOOR SINK AREA.
26. HORIZONTAL ROLLER SHADES SH-1 SHALL BE PROVIDED AT ALL EXTERIOR AND INTERIOR WINDOWS IN THE PROJECT SEE PLANS FOR WINDOW LOCATIONS, REFER SPECS.
27. INSTALL CORNERGUARDS THRU OUT EACH BLDG ON ALL EXPOSED CORNERS. SEE SPECS. CONTRACTOR TO PROVIDE LOCATIONS AND QUANTITIES REQ.
28. THE FOLLOWING STC RATINGS ARE TO BE MET ON EACH NEW DOOR:
    i. CLASSROOM DOORS TO THE CORRIDOR MUST MEET A 30 STC PROVIDE ACCORDINGLY TO MEET THE STC REQUIRED
    ii. MECHANICAL/ELECTRICAL DOORS TO THE CORRIDOR MUST MEET A 30 STC PROVIDE ACCORDINGLY TO MEET THE STC REQUIRED
29. GROUT FILL ALL CMU WALL CELLS AROUND MECH. & ELECTRICAL ROOMS TYP.
30. GROUT FILL ALL CMU WALL CELLS AT WALLS TO RECEIVE STONE VENEER.
31. GROUT FILL ALL CMU WALL CELLS AT WALLS TO SUPPORT ALUM. CANOPY.
32. REFER TO STRUCTURAL DWGS. FOR CMU CONTROL JOINT DETAILS.
33. SOUND ATTENTUATION BLANKETS REFERED TO ON WALL TYPES ARE BASED ON THE JOHNS MANVILLE SOUND CONTROL BATTS- FORMALDEHYDE-FREE FIBER GLASS SOUND CONTROL INSULATION OR APPROVED EQUAL TO MEET THE REQUIRED STC LEVELS TYP.
34. FIRE EXTINGUISHERS- PROVIDE ACCORDINGLY FOR THE ROOMS SHOWN ON THE PLANS:
    i. FLAMMABLE AREAS: (SODIUM BICARBONATE 40 BC)
    - BOILER ROOMS
    - AIR HANDLING UNIT ROOMS
    - FLAMMABLE LIQUID STORAGE AREAS
    - TEACHER LOUNGES
    ii. KITCHENS:
    - ALKALINE DRY CHEMICAL EXTINGUISHER (TYPE K) FOR SAPONIFICATION OF GREASES, WITHIN 15' OF COOKING EQUIPMENT
    iii. HAZARDOUS AREAS (4A-60BC):
    - ELECTRICAL ROOMS
    iv. LOW HAZARD AREAS (2A-10BC):
    - CORRIDORS AND REMAINING ROOMS
    - CLASS A OR B FIRE AREAS

NOTES FOR ALL INTERIOR SOFFITS & CLGS.: STEEL FRAMING FOR SUSPENDED AND FURRED CEILINGS:

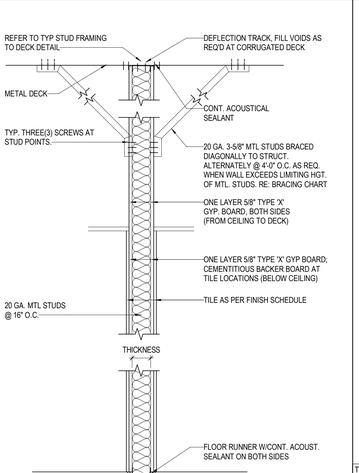
35. PROVIDE COMPONENTS COMPLYING WITH ASTM C 754 FOR MATERIALS AND SIZES UNLESS OTHERWISE INDICATED.
36. TIE WIRE AND HANGER WIRE: ASTM A641, CLASS 1 ZINC COATING, SOFT TEMPER OR OF A MATERIAL AND SIZE HAVING SUPERIOR CORROSION RESISTANCE AND EQUIVALENT STRENGTH TO THE GALVANIZED STEEL WIRE SPECIFIED.
37. TIE WIRE SHALL BE 18 GAUGE GALVANIZED ANNEALED WIRE.
38. HANGER WIRE SHALL BE 8 GAUGE GALVANIZED ANNEALED WIRE.
39. CARRYING CHANNELS: SHALL BE 16 GAUGE GALVANIZED COLD ROLLED CHANNELS 1-1/2 INCHES DEEP OR AS INDICATED ON THE DWGS., WEIGHING A MINIMUM OF 475 POUNDS PER THOUSAND LINEAL FEET. PROTECTIVE COATING SHALL BE G40 HOT-DIP GALVANIZED COATING PER ASTM A525.
40. STEEL RIGID FURRING CHANNELS: ASTM C645, HAT-SHAPED, DEPTH OF 7/8 INCH, AND 0.0179 INCH THICK, UNLESS OTHERWISE INDICATED. PROTECTIVE COATING SHALL BE G40 HOT-DIP GALVANIZED COATING PER ASTM A525.
41. GRID SUSPENSION SYSTEM OF INTERIOR CEILINGS: ASTM C645, MANUFACTURER'S STANDARD DIRECT HUNG GRID SUSPENSION SYSTEM COMPOSED OF THE MAIN BEAMS AND CROSS FURRING MEMBERS THAT INTERLOCK TO FORM A MODULAR SUPPORTING NETWORK.



01 PARTITION TAG LEGEND
1/8" = 1'-0"

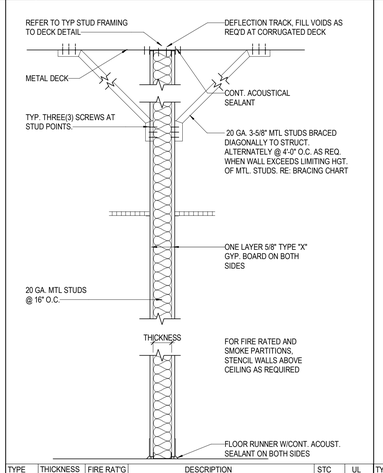
TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
S3.A	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK (TILE BOTH SIDES)	49	
S3.B	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK (TILE ONE SIDE)	49	
S6.A	6"	NONE	6" METAL STUDS TO DECK (TILE BOTH SIDES)	51	
S6.B	6"	NONE	6" METAL STUDS TO DECK (TILE ONE SIDE)	51	

06 PARTITION TYPE - S-.A & S-.B [TO DECK]
1" = 1'-0"



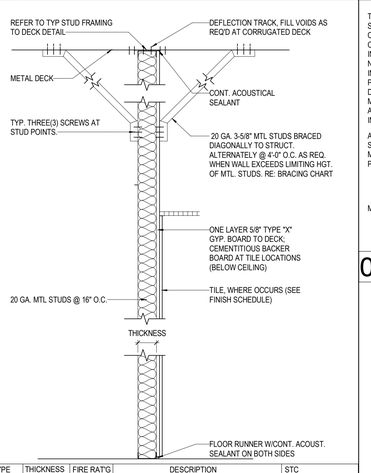
TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC	UL
S3	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK	49	
S3.1	3 5/8"	1 HR	3 5/8" METAL STUDS TO DECK	49	
S6	6"	NONE	6" METAL STUDS TO DECK	51	
S6.1	6"	1 HR	6" METAL STUDS TO DECK	51	

05 PARTITION TYPE - S [TO DECK]
1" = 1'-0"

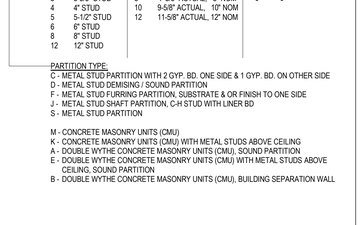


TYPE	THICKNESS	FIRE RATG	DESCRIPTION	STC
F3	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK	N/A
F3.A	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK (TILE ONE SIDE)	N/A
F6	6"	NONE	6" METAL STUDS TO DECK	
F6.A	6	NONE	6" METAL STUDS TO DECK (TILE ONE SIDE)	

04 PARTITION TYPE - F & F-.A [TO DECK]
1" = 1'-0"



02 PARTITION TYPES-TYP CMU WALL BRACING
12" = 1'-0"



04 PARTITION TYPE - F & F-.A [TO DECK]
1" = 1'-0"

PBK
www.pbk.com
FL FIRM: AR 0013140
WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION
4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045
100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

DRAWN BY: TP

VOLUME NO. 1

PARTITION TYPES

A8-801

Plot Stamp:
5/29/2026 3:52:37 PM

HB ESTIMATING REC'D 06.01.2026

DOOR SCHEDULE

NUMBER	DOOR WIDTH	DOOR HEIGHT	PANEL TYPE	PANEL MATL	PANEL FINISH	FRAME TYPE	FRAME MATL	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	GENERAL FIRE RATING	GENERAL HARDWARE SET	REMARKS
FIRST FLOOR													
01-001	6'-0"	8'-0"	FG-1	AL	CLR. ANODIZED	--	AL	SF	SF	11/A8-851	--	01CR	1,2
01-003	6'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	08CR	1
01-004.1	3'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	04CR	1
01-005	6'-0"	7'-0"	NV-1	WD	STAINED	001E	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	08	3
01-007	6'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	01CR	1
01-008.1	6'-0"	7'-2"	NV-1	WD	STAINED	001	HM	04/A8-851	09/A8-851	13/A8-851	60 MIN	09	5
01-008.2	6'-0"	7'-10"	NV-1	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	03CR	1
01-009.1	6'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	01CR	1
01-009.2	6'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	01CR	1
01-101	6'-0"	8'-0"	FG-1	AL	CLR. ANODIZED	--	AL	SF	SF	18/A8-851	--	07	2
01-101.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	13CR	1
01-102	3'-0"	7'-0"	NV-1	WD	STAINED	--	AL	20/A8-851	19/A8-851	18/A8-851	--	24	
01-103	3'-0"	7'-0"	FG-1	AL	CLR. ANODIZED	--	AL	20/A8-851	19/A8-851	18/A8-851	--	19	
01-104	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-104.2	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	13CR	1
01-106	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	23	
01-106A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-106B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-106C	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-107	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	24	
01-108.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	19	
01-108.2	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	01/A8-851	06/A8-851	14/A8-851	--	19	
01-108A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-109	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-110	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-111	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-112	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17C	
01-113	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17D	
01-114	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-115	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-116	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-117	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-117.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	19	
01-117A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-117B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-118	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-119	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-119A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-120	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-121	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	19	
01-122	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-122A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-123.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-123.2	3'-0"	7'-10"	NV-1	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	06	
01-123B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-123C	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-123D	3'-0"	7'-2"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	45 MIN	17D	
01-124.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-124.2	3'-0"	7'-10"	NV-1	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	06	
01-124B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-124C	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-124D	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-125	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-126	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-127	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-128	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-129	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-130	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-131.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	SMOKE	15	
01-131.2	4'-0"	7'-10"	NV-1	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	04	
01-131A.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-131A.2	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-131B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17B	
01-131C	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-131D	3'-6"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-131E	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-131F	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	17	
01-131G	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	17	
01-131H	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	17	
01-132.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	SMOKE	15	
01-132.2	3'-0"	7'-10"	NV-1	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	04	
01-132A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-132B	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-132C	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17	
01-132D	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-132E	3'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	--	16	
01-901.1	6'-0"	7'-10"	F	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	02	
01-901.2	6'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	SMOKE	10B	
01-902.1	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	45 MIN	13A	
01-902.2	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	45 MIN	13A	
01-903	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	45 MIN	17CR	1
01-904	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17C	
01-905	6'-0"	7'-10"	F	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	02	
01-906	3'-0"	7'-10"	F	HM	PT	001	HM	01/A8-851	06/A8-851	14/A8-851	--	06	
01-911	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17C	

DOOR SCHEDULE

NUMBER	DOOR WIDTH	DOOR HEIGHT	PANEL TYPE	PANEL MATL	PANEL FINISH	FRAME TYPE	FRAME MATL	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	GENERAL FIRE RATING	GENERAL HARDWARE SET	REMARKS
SECOND FLOOR													
01-008.3	6'-0"	7'-2"	NV-1	WD	STAINED	001	HM	04/A8-851	09/A8-851	13/A8-851	60 MIN	09	5
01-015.1	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	13CR.1	1
01-015.2	3'-0"	7'-0"	NV-1	WD	STAINED	011	HM	03/A8-851	08/A8-851	13/A8-851	--	12A	
01-017	6'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	01CR	1
01-201	6'-0"	7'-10"	FG-1	AL	CLR. ANODIZED	001	AL	11/A8-851	15/A8-851	17/A8-851	--	01CR	1
01-202	3'-0"	2'-4 1/2"	F	WD	PL-1	000	WD	--	--	--	--	25	4
01-202A	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	19	
01-203	3'-6"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-203A	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	17D	
01-203B	3'-6"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	16	
01-204	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-205	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-206	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-207	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-208	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-209	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-210	3'-0"	7'-0"	NV-1	WD	STAINED	--	AL	20/A8-851	19/A8-851	18/A8-851	SMOKE	16	
01-211	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-212	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-213	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-214	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17A	
01-215	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-216	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-217	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-218	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-219	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	20	
01-220	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17C	
01-221	3'-0"	7'-0"	NV-1	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	16	
01-222	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	SMOKE	17D	
01-222A	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	--	20	
01-223	3'-0"	7'-10"	F	HM	PT	001	HM	12/A8-851	16/A8-851	14/A8-851	--	06	
01-907	3'-0"	7'-0"	F	WD	STAINED	001	HM	03/A8-851	08/A8-851	13/A8-851	45 MIN	17CR	1
01-908	6'-0"	7'-2"	F	WD	STAINED	001	HM	05/A8-851	10/A8-851	13/A8-851	SMOKE	10	
01-908B	3'-0"	7'-2"	F	WD	STAINED	001	HM	05/A8-851	10/A8-851	13/A8-851	SMOKE	17D	
01-909	3'-0"	7'-2"	F	WD	STAINED	001	HM	05/A8-851	10/A8-851	13/A8-851	90 MIN	13A	
01-910	6'-0"	7'-0"	F	WD	STAINED	001	HM	02/A8-851	07/A8-851	13/A8-851	SMOKE	10A	

DOOR SCHEDULE REMARKS

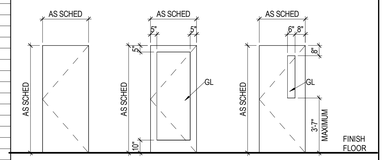
1. ELEC. CONTROLLED ACCESS HARDWARE WITH CARD READER
2. DOOR BUZZER
3. MAGNETIC HOLD-OPEN, CONNECT TO FIRE ALARM
4. CASEWORK HALF DOOR. REFER TO CASEWORK DETAILS FOR INFORMATION
5. LEAFS SWING 180 DEGREES. HELD ON HOLD-OPENS

GLAZING MATERIALS LEGEND

GI1
THERMALLY-INSULATED GLAZING UNIT, TYPE A and B

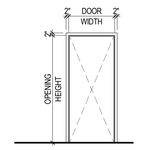
GT1
TEMPERED GLASS, CLEAR
(ALL INTERIOR GLAZING IS GT1 UNO)

1. EXTERIOR GLAZING SHALL BE GI1, U.N.O.
2. INTERIOR GLAZING SHALL BE GT1, U.N.O.



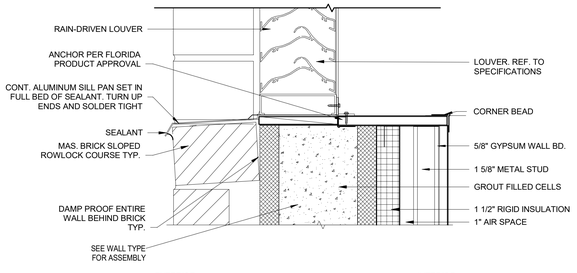
F * FG-1 ** NV-1

DOOR PANEL TYPES
1/4" = 1'-0"

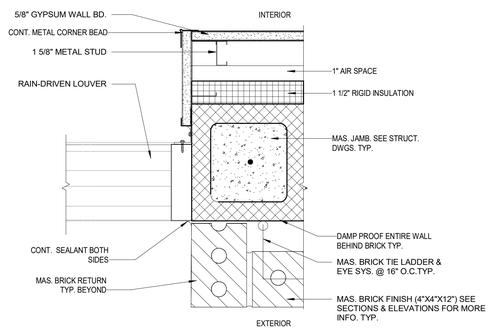


001
001E Bi-Acting Door

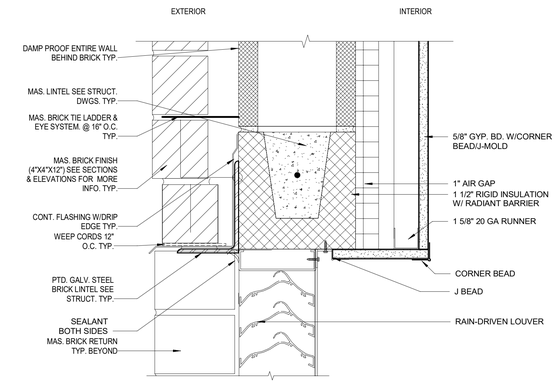
DOOR FRAME CONFIGURATIONS
1/4" = 1'-0"



03 LOUVER SILL
3" = 1'-0"



02 LOUVER JAMB
3" = 1'-0"



01 LOUVER HEAD
3" = 1'-0"

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FL FIRM: AR 0013140
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
©2026 PBK ARCHITECTS FLORIDA, INC.

CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

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No.	Description	Date

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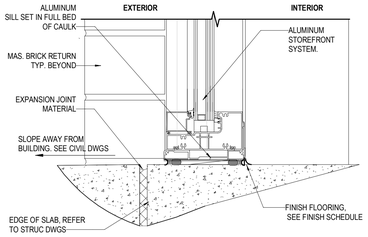
DOOR SCHEDULE & TYPES, & LOUVER DETAILS

A8-810

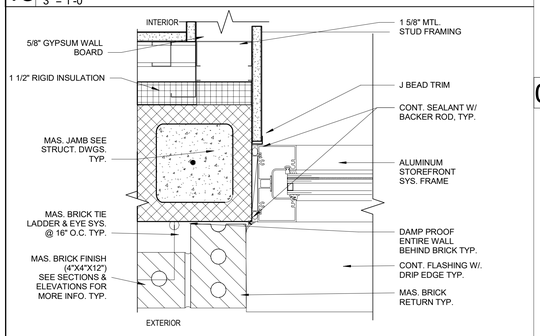
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HB ESTIMATING REC'D 06.01.2026

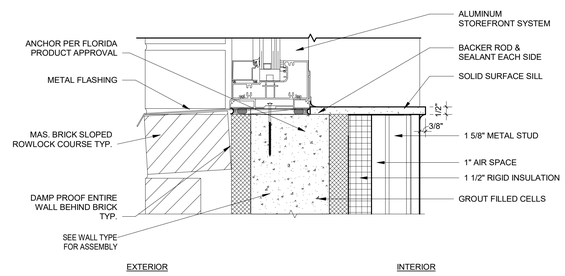
0"
1"



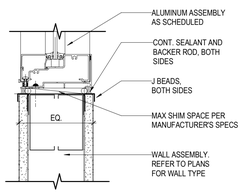
13 ALUM. EXT.STOREFRONT SILL
3" = 1'-0"



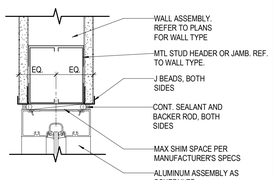
09 EXTERIOR STOREFRONT JAMB DETAIL
3" = 1'-0"



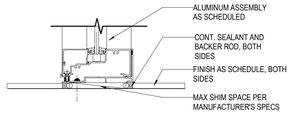
05 STOREFRONT SILL
3" = 1'-0"



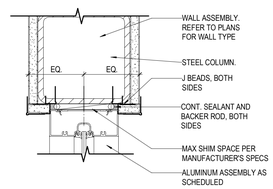
08 ALUM. INT. SILL DETAIL - STUD
3" = 1'-0"



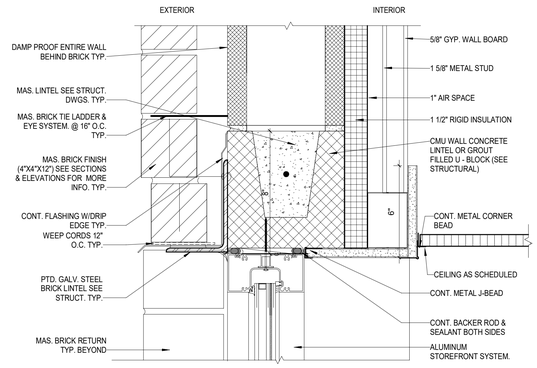
07 ALUM. INT. HEAD/JAMB DETAIL - STUD
3" = 1'-0"



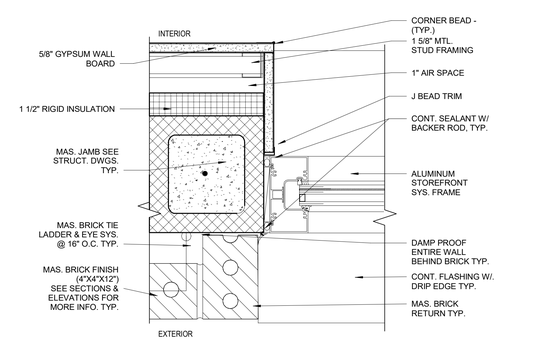
14 ALUM. INT. SILL DETAIL
3" = 1'-0"



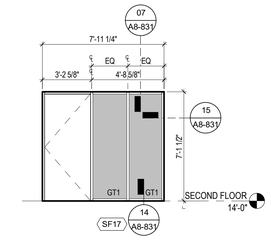
15 ALUM. INT. JAMB DETAIL - COL.
3" = 1'-0"

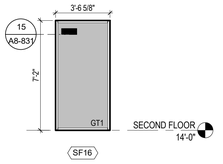


04 EXTERIOR STOREFRONT HEAD DETAIL
3" = 1'-0"



03 EXTERIOR STOREFRONT JAMB DETAIL
3" = 1'-0"





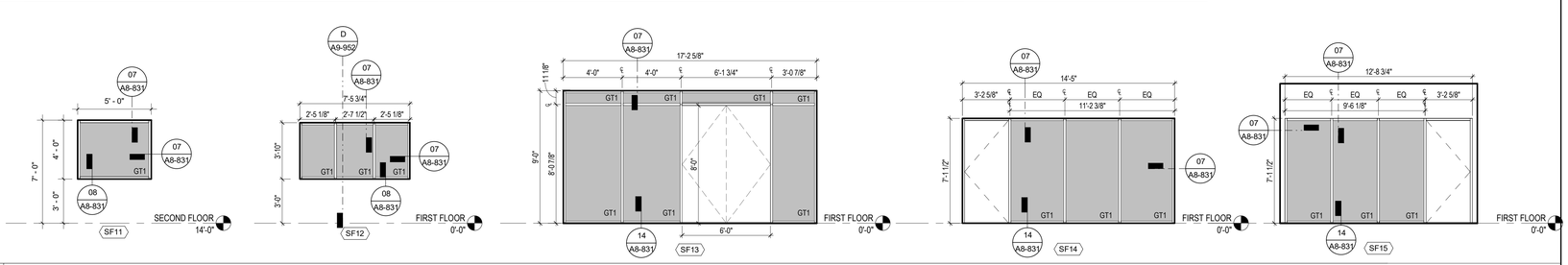
GENERAL WINDOW, CURTAIN WALL, & STOREFRONT ELEVATION NOTES

1. REFER TO FRAME DETAIL LEGEND FOR FRAME DETAILS, TYPICAL FOR ALL STOREFRONT, WINDOW, AND CURTAIN WALL FRAMES

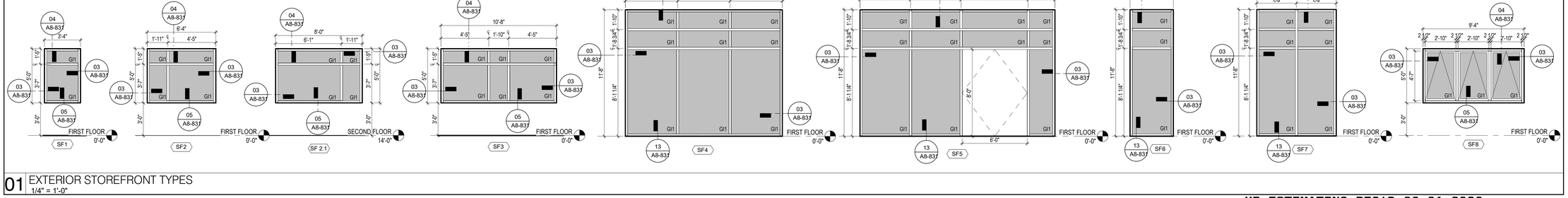
GLAZING MATERIALS LEGEND

GI1
THERMALLY-INSULATED GLAZING UNIT, TYPE A and B

GT1
TEMPERED GLASS, CLEAR
(ALL INTERIOR GLAZING IS GT1 UNO)



02 INTERIOR STOREFRONT TYPES
1/4" = 1'-0"



01 EXTERIOR STOREFRONT TYPES
1/4" = 1'-0"

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

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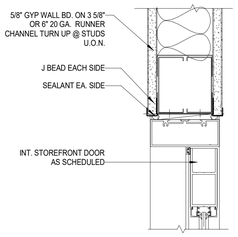
VOLUME NO. 1

STOREFRONT ELEVATIONS & DETAILS

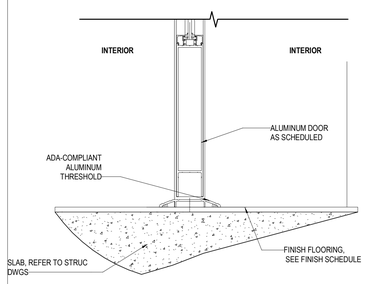
A8-831

DOOR DETAILS
A8-851

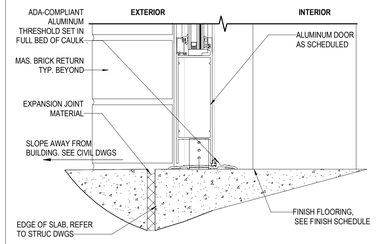
0"
1"



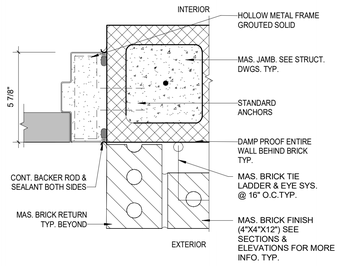
20 JAMB AT INTERIOR STOREFRONT DOOR
3" = 1'-0"



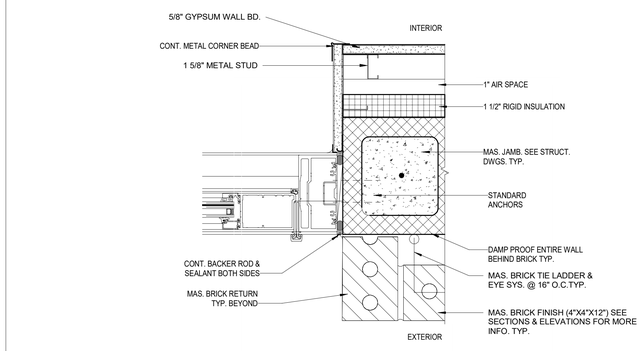
18 ALUM. INT. DOOR THRESHOLD DETAIL
3" = 1'-0"



17 ALUM. EXT. DOOR THRESHOLD DETAIL
3" = 1'-0"



16 EXTERIOR HM DOOR JAMB DETAIL
3" = 1'-0"



15 EXTERIOR ALUMINUM DOOR JAMB DETAIL
3" = 1'-0"

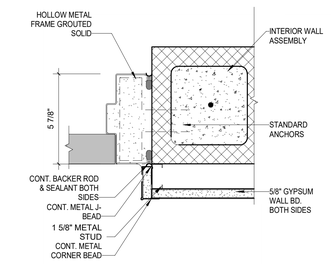
19 JAMB AT INTERIOR STOREFRONT DOOR
3" = 1'-0"

14 HM EXT. DOOR THRESHOLD DETAIL
3" = 1'-0"

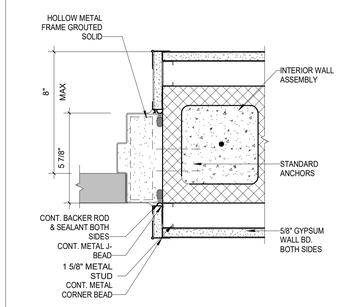
13 HM INT. DOOR THRESHOLD DETAIL
3" = 1'-0"

12 EXTERIOR HM DOOR HEAD DETAIL
3" = 1'-0"

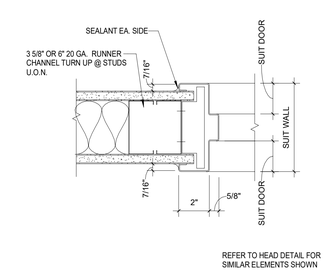
11 EXTERIOR ALUMINUM DOOR HEAD DETAIL
3" = 1'-0"



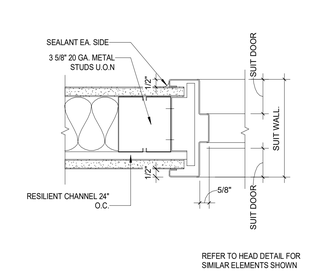
10 INTERIOR HM DOOR JAMB DETAIL(AT CMU)
3" = 1'-0"



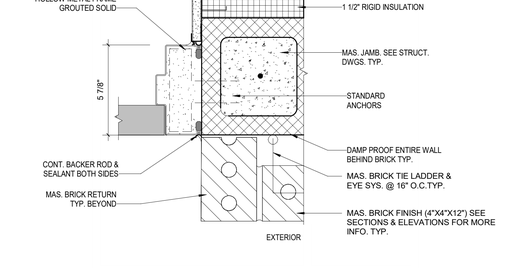
09 INTERIOR HM DOOR JAMB DETAIL(AT CMU)
3" = 1'-0"



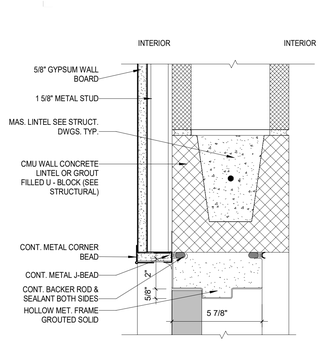
08 JAMB AT INTERIOR PARTITIONS
3" = 1'-0"



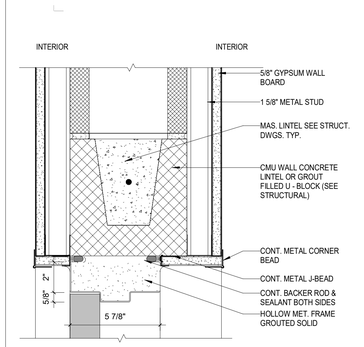
07 JAMB AT SOUND RATED PARTITIONS
3" = 1'-0"



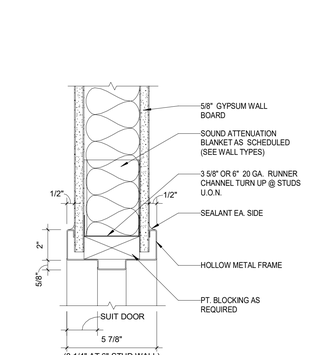
06 EXTERIOR HM DOOR JAMB DETAIL
3" = 1'-0"



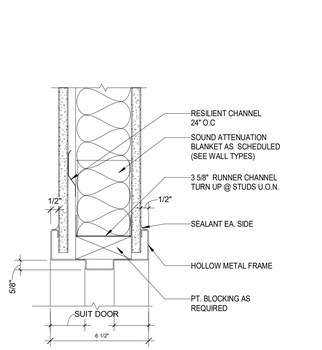
05 INTERIOR HM DOOR HEAD DETAIL(AT CMU)
3" = 1'-0"



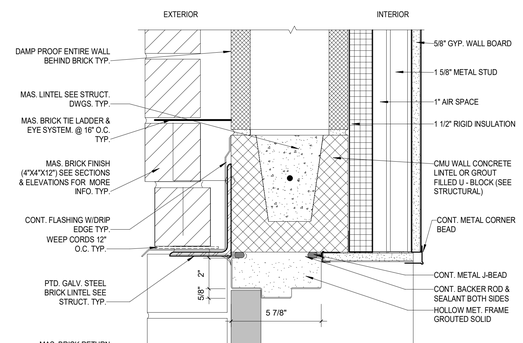
04 INTERIOR HM DOOR HEAD DETAIL(AT CMU)
3" = 1'-0"



03 HEAD AT INTERIOR PARTITIONS
3" = 1'-0"



02 HEAD AT SOUND RATED PARTITIONS
3" = 1'-0"



01 EXTERIOR HM DOOR HEAD DETAIL
3" = 1'-0"

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182800045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

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DOOR DETAILS

A8-851

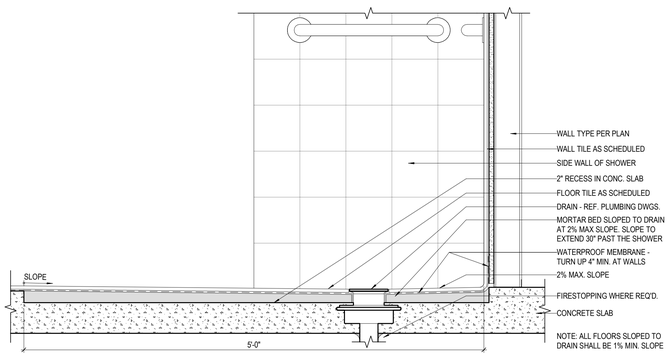
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BUILDING 06 - FINISH SCHEDULE

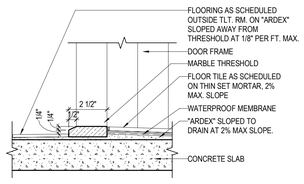
ROOM NUMBER	ROOM NAME	AREA	FLOORING FINISHES: FLOOR	FLOORING FINISHES: BASE	WALL FINISHES: NORTH WALL	WALL FINISHES: EAST WALL	WALL FINISHES: SOUTH WALL	WALL FINISHES: WEST WALL	COMMENTS
FIRST FLOOR									
038	TEACHER PLANNING OFFICE	251 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
038A	PE TEACHERS SHOWER	34 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	PAINT ABOVE CERAMIC TILE
039	TEACHER PLANNING OFFICE	162 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
039A	PE TEACHERS SHOWER	51 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	PAINT ABOVE CERAMIC TILE
039B	GENERAL SCHOOL STORAGE	60 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
040	TEACHER PLANNING OFFICE	168 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
040A	PE TEACHERS SHOWER	48 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	PAINT ABOVE CERAMIC TILE
042	GYMNASIUM	7,758 SF	RSF-1	RB-1	PT-1	PT-1	PT-1	PT-1	INSTALL BLEACHER BLOCK UNDER BLEACHER AREA. PAINT WALL PATTERN TBD
042A	PE SHOWER (MALE)	707 SF	EXST.	EXST.	--	--	--	--	
042B	PE LOCKER ROOM (MALE)	1,677 SF	EXST.	RB-1	PT-5	PT-5	PT-5	PT-5	
042C	GYMNASIUM STORAGE	206 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042D	STUDENT RESTROOM (MALE)	210 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042E	VESTIBULE	58 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042F	STUDENT RESTROOM (FEMALE)	201 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042G	GYMNASIUM STORAGE	30 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042H	PE LOCKER ROOM (FEMALE)	986 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042J	PE DRYING AREA	57 SF	EXST.	EXST.	--	--	--	--	
042K	PE SHOWER (FEMALE)	198 SF	EXST.	EXST.	--	--	--	--	
042L	STUDENT RESTROOM (FEMALE)	126 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042M	PE LOCKER ROOM (FEMALE)	647 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042N	PE DRYING AREA	59 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042P	PE SHOWER (FEMALE)	200 SF	EXST.	EXST.	PT-5	PT-5	PT-5	PT-5	
042Q	CONCESSION	108 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
043	STAGE	1,535 SF	RSF-1	RB-1	PT-1	PT-1	PT-1	PT-1	PAINT ABOVE WOOD PANELING
044	MECHANICAL ROOM	75 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
045	MECHANICAL ROOM	131 SF	EXST.	RB-1	PT-1	PT-1	PT-1	PT-1	
806	VESTIBULE	87 SF	EXST.	EXST.	PT-1	PT-1	PT-1	PT-1	
807	VESTIBULE	43 SF	EXST.	EXST.	PT-1	PT-1	PT-1	PT-1	
808	VESTIBULE	43 SF	EXST.	EXST.	PT-1	PT-1	PT-1	PT-1	
		15,511 SF							

FINISH COLOR SUMMARY CHART

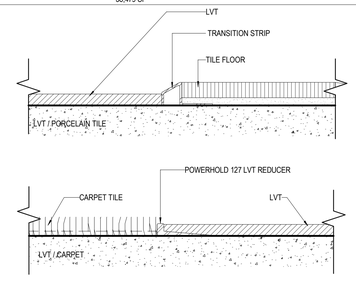
ITEM	COMPANY & NO.	PRODUCT NAME	LOCATIONS
LUXURY VINYL TILE / PLANK	Armstrong Flooring		
LVT-1	Natural Creations	Color: To Be Determined; Size: 6"x36" Plank	As Shown on Documents
SHEET VINYL	Tarkett		
SV-1	iQ Optima	Color: To Be Determined	Matching Weld Rod
CARPET	Interface		
CPT-1	Aerial	#AE311; Color: To Be Determined; 25cm x 1m; Install Ashlar	As Shown on Documents
CPT-2	Aerial	#AE315; Color: To Be Determined; 25cm x 1m; Install Ashlar	As Shown on Documents
CPT-3	Aerial	#AE311; Color: To Be Determined; 25cm x 1m; Install Ashlar	As Shown on Documents
CPT-4	Aerial	#AE317; Color: To Be Determined; 25cm x 1m; Install Ashlar	As Shown on Documents
CPT-5	Aerial	#AE317; Color: To Be Determined; 25cm x 1m; Install Ashlar	As Shown on Documents
PORCELAIN TILE	American Olean		
PCT-1	Color Story Floor	Color: To be Determined; 12" x 24" x 5/16"	Toilet Room Floor
CERAMIC TILE	Daltile		
CT-1A	Colorwheel Linear	#0190 Arctic White; 4" x 12" x 5/16"	Toilet Room Walls
CT-1B	Colorwheel Linear	#0190 Arctic White; 4" x 8" x 5/16"	Toilet Room Walls
CT-1C	Colorwheel Classic	#0190 Arctic White; 4" x 4" x 5/16"	Toilet Room Walls
CT-1D	Flat Top Cove Base #A34C1MOD	#0190 Arctic White; 4" x 12"	Toilet Room Walls
CT-2	Colorwheel Linear	Color: To be Determined; 4" x 12" x 5/16"	Toilet Room Walls
CT-3	Colorwheel Classic	Color: To be Determined; 4" x 4" x 5/16"	Toilet Room Walls
TILE GROUT	Laticrete		
CT-1/2/3 GROUT	Permacolor	Color: To Be Determined	Toilet Room Floor
PCT-1 GROUT	Permacolor	Color: To Be Determined	Toilet Room Walls
RUBBER SPORTS FLOORING	Mondo Flooring		
RSF-1	Basketball Rubber Sports Flooring	Color: To Be Determined; Thickness: To Be Determined	As Shown on Documents
CONCRETE FLOORING			
SCON	Sealed Concrete		As Shown on Documents
FLOOR BASE	Tarkett / Johnsonite		
RB-1	Baseworks Thermoset Rubber	Color: To Be Determined	In all locations except where SV or PCT flooring is used.
PAINT	Sherwin Williams		
PT-1	SW XXXX	Color: To Be Determined; Eggshell Finish	As Shown on Documents
PT-2	SW XXXX	Color: To Be Determined; Eggshell Finish	As Shown on Documents
PT-3	SW XXXX	Color: To Be Determined; Eggshell Finish	As Shown on Documents
PT-4	SW XXXX	Color: To Be Determined; Semi-Gloss Finish	As Shown on Documents
PT-5	SW XXXX, Epoxy	Color: To Be Determined; Satin Finish	As Shown on Documents
PT-6	SW XXXX	Color: Chroma Green; Matte Finish	As Shown on Documents
PT-7	SW XXXX	Color: To Be Determined; Satin Finish; Color to Match Exterior Brick ST-01	As Shown on Documents
GYPSUM WALL BOARD			
GWB	Gypsum Board		As Shown on Documents
AGWB	Moisture Resistant Gypsum Board		As Shown on Documents
LAMINATE	Formica		
PL-1	XXXX-58	Color: To Be Determined; Matte Finish	Countertop
PL-2	XXXX-58	Color: To Be Determined; Matte Finish	Cabinet Vertical Face
PL-3	8907-58	Fox Teakwood; Matte Finish	Elevator Cab Walls
WOOD DOOR	VT Industries		
WD-1	Select White Birch	Color: To Be Determined	As Shown on Documents
Lkit-1	All Metal Stamping	Match Door Frame	As Shown on Documents
CORNER GUARD	Inpro		
CG-1	Corner Guard	Color: To Be Determined	At All Outside Corners
ACOUSTIC WALL PANEL	Guilford of Maine		
AWP-1	FR701 2100	Color: To Be Determined	As Shown on Documents
AWP-2	FR701 2100	Color: To Be Determined	As Shown on Documents
AWP-3	FR701 2100	Color: To Be Determined	As Shown on Documents
PRIVACY CURTAIN	Inpro		
PC-1	Pattern: To Be Determined	ClickEze Shield Classic with Mesh; Mesh Color: To Be Determined	As Shown on Documents
PCH-1	Highland Forge Flat Hook Tie Back	Body: 3/16" x 1/2" x 9" Stainless Steel Satin Finish; 2 holes in back, ¼" dia. No ball ornaments	Provide At Every Curtain Location
WINDOW SHADE	Mecho Shade		
WS-1	SoHo Elevate	Color: To Be Determined; 3% Open	As Shown on Documents
TACK BOARD	Claridge		
TB-1	Fabricork	Color: To Be Determined	As Shown on Documents
BULLETIN BOARD	Forbo		
BB-1	Bulletin Board	Color: To Be Determined	As Shown on Documents



03 FLOOR DETAIL - ROLL-IN SHOWER AT SLAB ON GRADE OR NEW ELEVATED SLAB
1 1/2" = 1'-0"



02 DOOR THRESHOLD DTL. AT TILE FLOOR
3" = 1'-0"



01 INTERIOR FLOOR TRANSITIONS
12" = 1'-0"

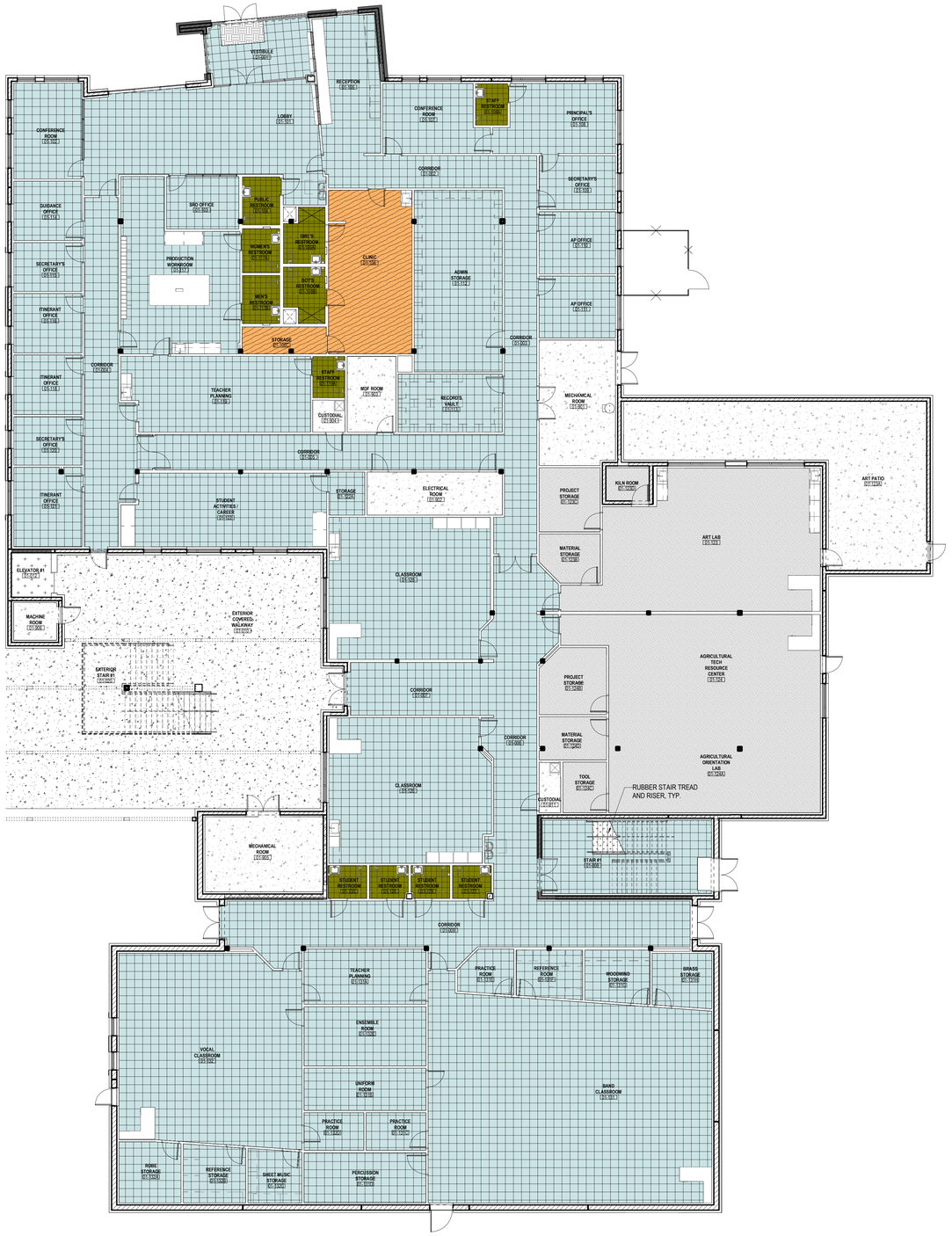
BUILDING 01 - FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	AREA	FLOORING FINISHES: FLOOR	FLOORING FINISHES: BASE	WALL FINISHES: NORTH WALL	WALL FINISHES: EAST WALL	WALL FINISHES: SOUTH WALL	WALL FINISHES: WEST WALL	COMMENTS
FIRST FLOOR									
01-001	VESTIBULE	205 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-002	CORRIDOR	235 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-003	CORRIDOR	421 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-004	CORRIDOR	493 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-005	CORRIDOR	427 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-006	CORRIDOR	607 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-007	CORRIDOR	261 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-008	STAIR #1	428 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	LVT-1 @ FLOOR & LANDINGS; RF-1 @ STAIR RISERS & TREADS
01-009	CORRIDOR	787 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-010	EXTERIOR COVERED WALKWAY	1,530 SF	SC-1	--	BR	BR	BR	BR	
01-012	ELEVATOR #1	61 SF	RF-1	MANUF.	PL-3	PL-3	PL-3	PL-3	PER ELEVATOR MANUFACTURER
01-020	EXTERIOR STAIR #1	341 SF	SC-1	--	--	--	--	--	
01-101	LOBBY	761 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-102	CONFERENCE ROOM	225 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-103	SRO OFFICE	130 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-104	PUBLIC RESTROOM	62 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-105	RECEPTION	213 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-106	CLINIC	463 SF	SV-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-106A	GIRL'S RESTROOM	72 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-106B	BOY'S RESTROOM	72 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-106C	STORAGE	77 SF	SV-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-107	CONFERENCE ROOM	233 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-108	PRINCIPAL'S OFFICE	270 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-108A	STAFF RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-109	SECRETARY'S OFFICE	142 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-110	AP OFFICE	163 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-111	AP OFFICE	163 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-112	ADMIN STORAGE	549 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-113	RECORD'S VAULT	209 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-114	GUIDANCE OFFICE	139 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-115	SECRETARY'S OFFICE	114 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-116	ITINERANT OFFICE	139 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-117	PRODUCTION WORKROOM	452 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-117A	WOMEN'S RESTROOM	57 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-117B	MEN'S RESTROOM	62 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-118	ITINERANT OFFICE	139 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-119	TEACHER PLANNING	466 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-119A	STAFF RESTROOM	45 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	
01-120	SECRETARY'S OFFICE	114 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-121	ITINERANT OFFICE	185 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-122	STUDENT ACTIVITIES / CAREER	465 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-122A	STORAGE	53 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-123	ART LAB	979 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-123A	ART PATIO	980 SF	SC-1	--	CMU/PT-7	CMU/PT-7	CMU/PT-7	CMU/PT-7	EXPOSED BLOCK OF PATIO WALLS TO RECEIVE PAINT
01-123B	MATERIAL STORAGE	95 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-123C	PROJECT STORAGE	135 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-123D	KILN ROOM	53 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-124	AGRICULTURAL TECH RESOURCE CENTER	788 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-124A	AGRICULTURAL ORIENTATION LAB	684 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-124B	PROJECT STORAGE	148 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-124C	TOOL STORAGE	76 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-124D	MATERIAL STORAGE	100 SF	EP-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-125	CLASSROOM	713 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-126	CLASSROOM	727 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-127	STUDENT RESTROOM	43 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-128	STUDENT RESTROOM	43 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-129	STUDENT RESTROOM	43 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-130	STUDENT RESTROOM	44 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-131	BAND CLASSROOM	1,967 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	AWP AS PER INTERIOR ELEVATIONS
01-131A	TEACHER PLANNING	232 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131B	UNIFORM ROOM	177 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131C	PRACTICE ROOM	77 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131D	PERCUSSION STORAGE	211 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131E	PRACTICE ROOM	78 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131F	REFERENCE ROOM	109 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131G	WOODWIND STORAGE	117 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-131H	BRASS STORAGE	110 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-132	VOCAL CLASSROOM	1,154 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	AWP AS PER INTERIOR ELEVATIONS
01-132A	ROBE STORAGE	130 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-132B	REFERENCE STORAGE	122 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-132C	SHEET MUSIC STORAGE	98 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-132D	PRACTICE ROOM	77 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-132E	ENSEMBLE ROOM	248 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-901	MECHANICAL ROOM	327 SF	SC-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-902	ELECTRICAL ROOM	200 SF	SC-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-903	MDF ROOM	127 SF	SC-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-904	CUSTODIAL	35 SF	SC-1	RB-1	MGWB/PT-5	MGWB/PT-5	MGWB/PT-5	MGWB/PT-5	INSTALL WALL TILE BY MOP SINK AS PER INTERIOR ELEVATIONS
01-905	MECHANICAL ROOM	306 SF	SC-1	RB-1	GWB/PT-1	CMU/PT-1	GWB/PT-1	GWB/PT-1	
01-906	MACHINE ROOM	56 SF	SC-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-911	CUSTODIAL	37 SF	SC-1	RB-1	MGWB/PT-5	MGWB/PT-5	MGWB/PT-5	MGWB/PT-5	INSTALL WALL TILE BY MOP SINK AS PER INTERIOR ELEVATIONS
		23,726 SF							
SECOND FLOOR									
01-013	VESTIBULE	161 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	--	GWB/PT-1	
01-014	VESTIBULE	101 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	--	GWB/PT-1	
01-015	VESTIBULE	130 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-016	CORRIDOR	599 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-017	CORRIDOR	240 SF	LVT-1	RB-1	GWB/PT-1	--	GWB/PT-1	GWB/PT-1	
01-018	CORRIDOR	96 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	--	
01-019	EXTERIOR COVERED WALKWAY	1,545 SF	SC-1	--	BR	BR	BR	BR	
01-201	MEDIA CENTER	4,175 SF	CPT-1,2,3,4,5	RB-1	GWB/PT-3	GWB/PT-1	GWB/PT-2	GWB/PT-1	
01-202	DESK / CHARGING	412 SF	CPT-1,2,3	RB-1	GWB/PT-1	--	GWB/PT-1	GWB/PT-1	
01-202A	MEDIA OFFICE	113 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-203	CCTV VESTIBULE	68 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-203A	CCTV CONTROL	79 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-203B	CCTV STUDIO	474 SF	LVT-1	RB-1	GWB/PT-6	GWB/PT-1	GWB/PT-1	GWB/PT-6	
01-204	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-205	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-206	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-207	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-208	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-209	STUDENT RESTROOM	46 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-210	GROUP PROJECTS	669 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-211	STAFF RESTROOM	60 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-212	STAFF RESTROOM	60 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-213	MEDIA PRODUCTION	650 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-214	STORAGE	85 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-215	SKILLS LAB	827 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-216	SKILLS LAB	805 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-217	SKILLS LAB	827 SF	LVT-1	RB-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	GWB/PT-1	
01-218	STUDENT RESTROOM	45 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	INSTALL 3 COLOR TILE PATTERN AS PER INTERIOR ELEVATIONS
01-219	STUDENT RESTROOM	47 SF	PCT-1	CT-1D	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB	CT-1A,1B,1C,2,3/MGWB	CT-1A, 1B,1C,2,3/MGWB

0"

1"

BUILDING #01 - OVERALL FIRST FLOOR FINISH PLAN
A9-901



01 BUILDING #01 - OVERALL FIRST FLOOR FINISH PLAN
1" = 10'-0"

GENERAL FLOOR FINISH NOTES

1. ALL FINISH MATERIALS SHALL MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR FLOORING MATERIAL TRANSITIONS.
4. ALL FLOORING TRANSITIONS AT DOORS SHALL BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, U.N.O.
5. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
6. ALL CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, U.N.O.
7. FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS U.N.O.. FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
8. GENERAL CONTRACTOR TO SUBMIT FLOORING PATTERN LAYOUT WITH STRIPING COLORS AND STRIPING WIDTH AND NOTIFY ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH THE FLOORING INSTALLATION UNTIL LAYOUT IS APPROVED BY ARCHITECT.

FLOOR FINISH LEGEND

- **03 35 43.SC-1** SEALED CONCRETE
- **09 65 16.23.SV-1** SHEET VINYL TILE
- **09 65 19.23.LVT-1** LUXURY VINYL TILE
- **09 30 13.PCT-1** PORCELAIN TILE FLOORING
- **09 65 19.33.RF-1** RUBBER FLOORING
- **09 68 13.CPT** CARPET TILE FLOORING
- **09 67 23.EP-1** EPOXY FLOORING
- **09 65 66.RSF** RUBBER SPORTS FLOORING
- **12 48 43.WM** WALK-OFF MAT
- **EXISTING** EXISTING FLOORING

NOTE: PATTERNS ARE FOR REPRESENTATION ONLY, NOT FOR INSTALLATION.

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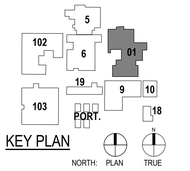
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN

NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT	
MARTIN COUNTY SCHOOL DISTRICT	
DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM

DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - OVERALL FIRST FLOOR FINISH PLAN

A9-901

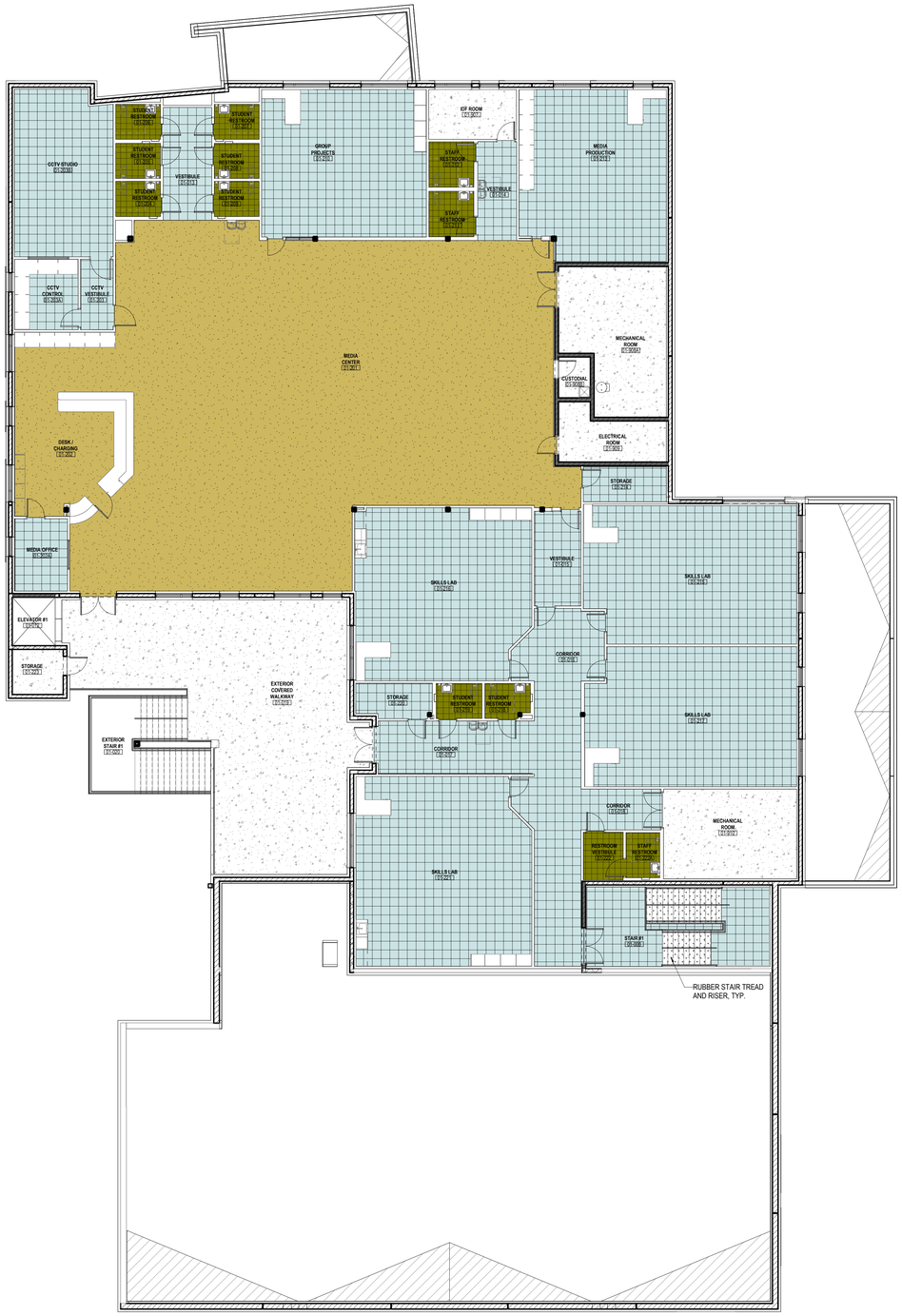
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5/29/2026 3:57:42 PM

HB ESTIMATING REC'D 06.01.2026

0"

1"

BUILDING #01 - OVERALL SECOND FLOOR FINISH PLAN
A9-902



01 BUILDING #01 - OVERALL SECOND FLOOR FINISH PLAN
1" = 10'-0"

GENERAL FLOOR FINISH NOTES

1. ALL FINISH MATERIALS SHALL MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR FLOORING MATERIAL TRANSITIONS.
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7. FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS U.N.O.. FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
8. GENERAL CONTRACTOR TO SUBMIT FLOORING PATTERN LAYOUT WITH STRIPING COLORS AND STRIPING WIDTH AND NOTIFY ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH THE FLOORING INSTALLATION UNTIL LAYOUT IS APPROVED BY ARCHITECT.

FLOOR FINISH LEGEND

- **03 35 43.SC-1** SEALED CONCRETE
- **09 65 19.23.LVT-1** LUXURY VINYL TILE
- **09 65 19.33.RF-1** RUBBER FLOORING
- **09 67 23.EP-1** EPOXY FLOORING
- **12 48 43.WM** WALK-OFF MAT
- **09 65 16.23.SV-1** SHEET VINYL TILE
- **09 30 13.PCT-1** PORCELAIN TILE FLOORING
- **09 68 13.CPT** CARPET TILE FLOORING
- **09 65 66.RSF** RUBBER SPORTS FLOORING
- **EXISTING** EXISTING FLOORING

NOTE: PATTERNS ARE FOR REPRESENTATION ONLY, NOT FOR INSTALLATION.

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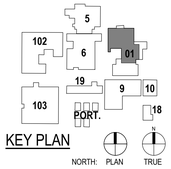
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

BUILDING #01 - OVERALL SECOND FLOOR FINISH PLAN

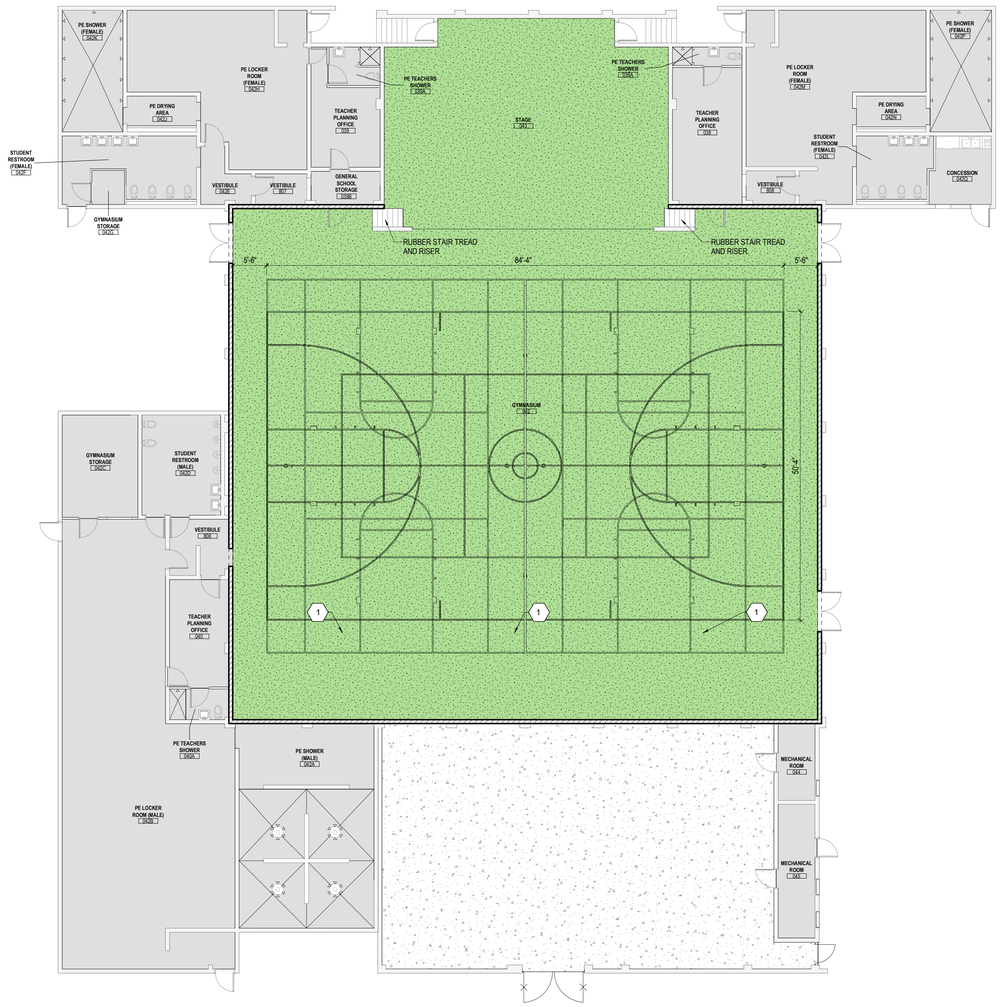
A9-902

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HB ESTIMATING REC'D 06.01.2026

0"
1"

BUILDING #6 - OVERALL FINISH PLAN
A9-903



01 BUILDING #6 - FINISH FLOOR PLAN
1" = 10'-0"

GENERAL FLOOR FINISH NOTES

1. ALL FINISH MATERIALS SHALL MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR FLOORING MATERIAL TRANSITIONS.
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5. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
6. ALL CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, U.N.O.
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FLOOR FINISH LEGEND

- **03 35 43.SC-1** SEALED CONCRETE
- **09 65 16.23.SV-1** SHEET VINYL TILE
- **09 65 19.23.LVT-1** LUXURY VINYL TILE
- **09 30 13.PCT-1** PORCELAIN TILE FLOORING
- **09 65 19.33.RF-1** RUBBER FLOORING
- **09 68 13.CPT** CARPET TILE FLOORING
- **09 67 23.EP-1** EPOXY FLOORING
- **09 65 66.RSF** RUBBER SPORTS FLOORING
- **12 48 43.WM** WALK-OFF MAT
- **EXISTING** EXISTING FLOORING

NOTE: PATTERNS ARE FOR REPRESENTATION ONLY, NOT FOR INSTALLATION.

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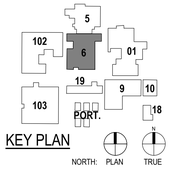
MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

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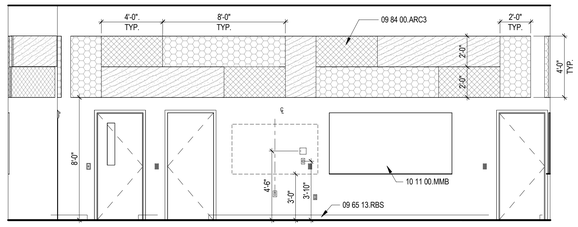
BUILDING #6 - OVERALL FINISH PLAN

A9-903

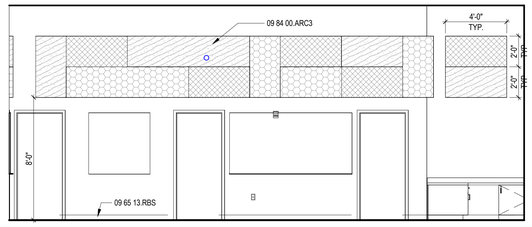
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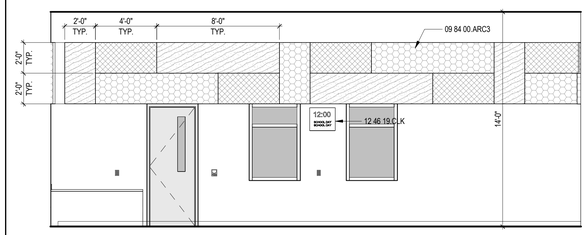
0"
1"



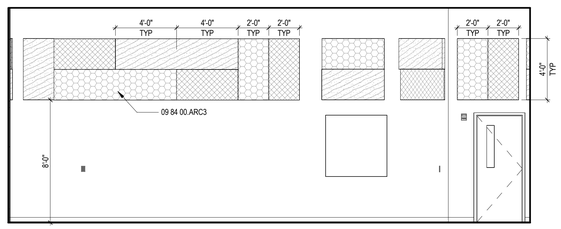
18 01-132 VOCAL CLASSROOM E
1/4" = 1'-0"



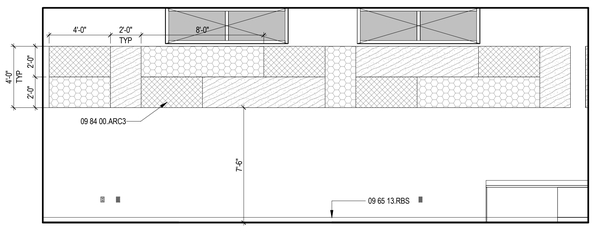
17 01-132 VOCAL CLASSROOM S
1/4" = 1'-0"



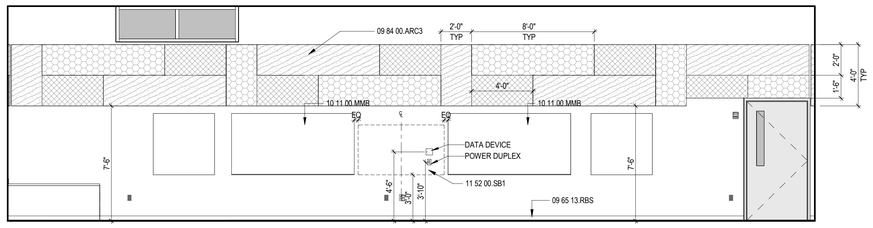
16 01-132 VOCAL CLASSROOM W
1/4" = 1'-0"



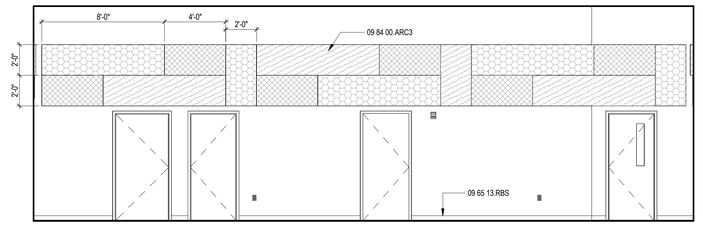
15 01-132 VOCAL CLASSROOM N
1/4" = 1'-0"



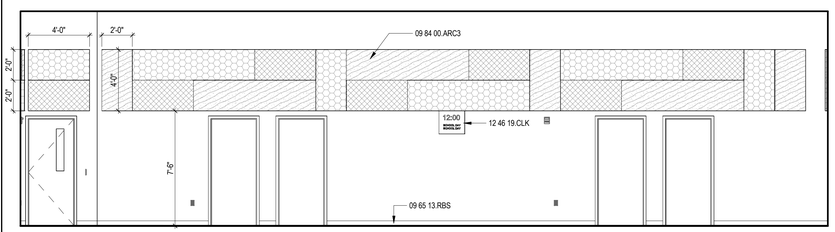
14 01-131 BAND CLASSROOM E
1/4" = 1'-0"



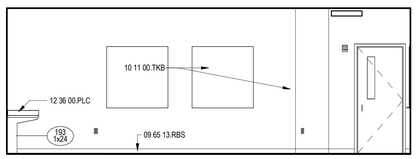
13 01-131 BAND CLASSROOM S
1/4" = 1'-0"



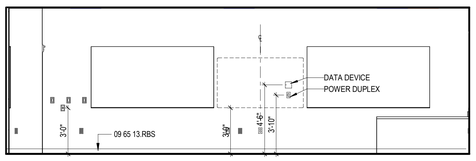
12 01-131 BAND CLASSROOM W
1/4" = 1'-0"



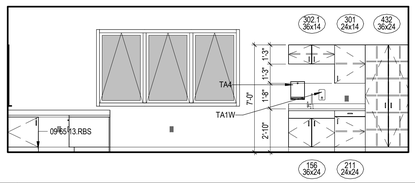
11 01-131 BAND CLASSROOM N
1/4" = 1'-0"



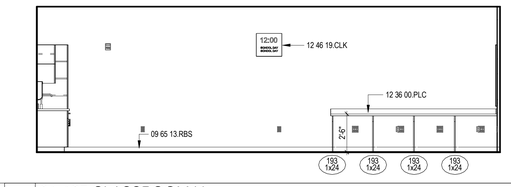
10 01-125 CLASSROOM E
1/4" = 1'-0"



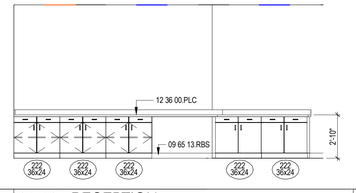
09 01-125 CLASSROOM S
1/4" = 1'-0"



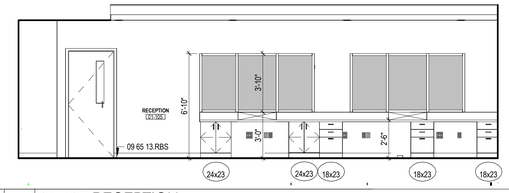
08 01-125 CLASSROOM W
1/4" = 1'-0"



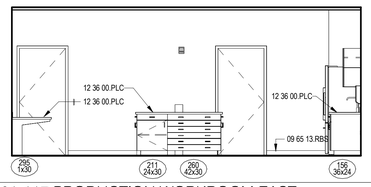
07 01-125 CLASSROOM N
1/4" = 1'-0"



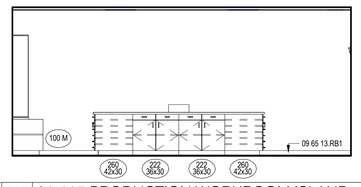
06 01-105 RECEPTION
1/4" = 1'-0"



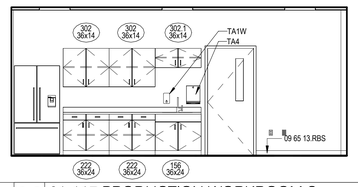
05 01-105 RECEPTION
1/4" = 1'-0"



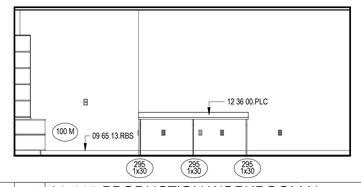
04 01-117 PRODUCTION WORKROOM EAST
1/4" = 1'-0"



03 01-117 PRODUCTION WORKROOM ISLAND
1/4" = 1'-0"



02 01-117 PRODUCTION WORKROOM S
1/4" = 1'-0"



01 01-117 PRODUCTION WORKROOM N
1/4" = 1'-0"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 65 13.RBS	RESILIENT BASE AS SCHEDULED
09 84 00.ARC3	ACOUSTIC ROOM COMPONENT - FABRIC-WRAPPED PANEL
10 11 00.MMB	4'-0" HIG MARKERBOARD- MIN 8'-0" WIDE
10 11 00.TKB	4'-0" TACKBOARD - MIN. 4'-0"WIDE
11 52 00.SB1	SMARTBOARD 70" (CFO)WMOUNTING BRACKET
12 36 00.PLC	PLASTIC LAMINATE COUNTERTOP
12 46 19.CLK	CLASSROOM WALL CLOCK

ACOUSTICAL WALL PANEL FINISH LEGEND

AWP-1	ACOUSTICAL WALL PANEL FABRIC COLOR TO BE DETERMINED BY ARCHITECT
AWP-2	ACOUSTICAL WALL PANEL FABRIC COLOR TO BE DETERMINED BY ARCHITECT
AWP-3	ACOUSTICAL WALL PANEL FABRIC COLOR TO BE DETERMINED BY ARCHITECT

PBK
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FL FIRM : AR 0013140
WEST PALM BEACH, FL
561-478-4457

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: AM
DRAWN BY: LA

VOLUME NO. 1

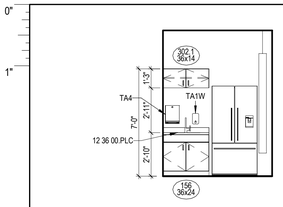
INTERIOR ELEVATIONS

A9-931

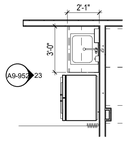
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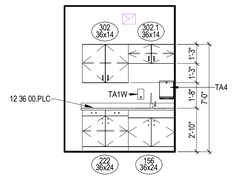
CASEWORK ELEVATION & DETAILS
A9-952



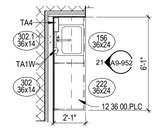
23 CLINIC
1/4" = 1'-0"



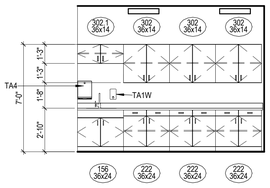
22 CLINIC
1/4" = 1'-0"



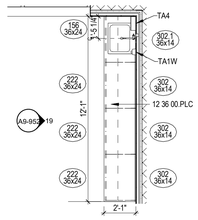
21 01-123 ART LAB ELEV.
1/4" = 1'-0"



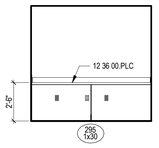
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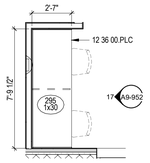
19 01-123 ART LAB
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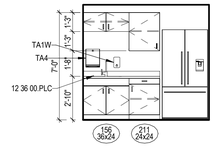
18 ART LAB
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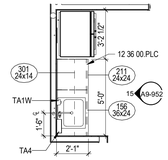
17 01-122 STUDENTS ACTIVITIES/CARRIER
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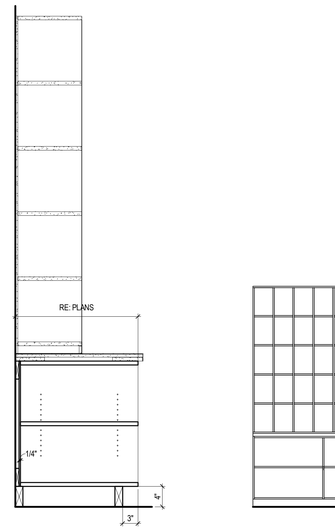
16 01-122 STUDENTS ACTIVITIES/CARRIER
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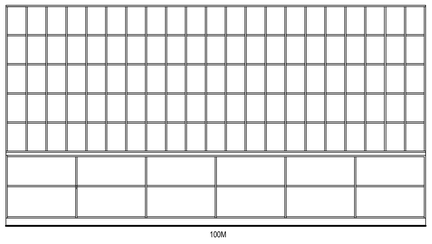


15 01-119 TEACHERS PLANNING
1/4" = 1'-0"

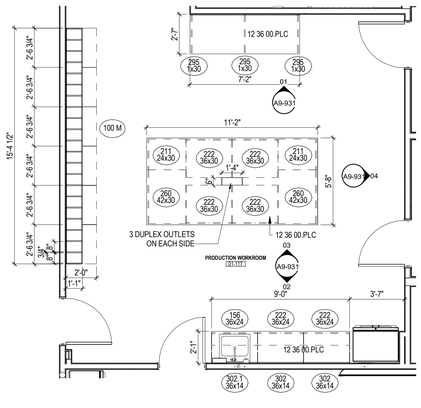


14 01-119 ENL TEACHER PLANNING
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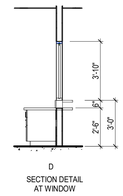


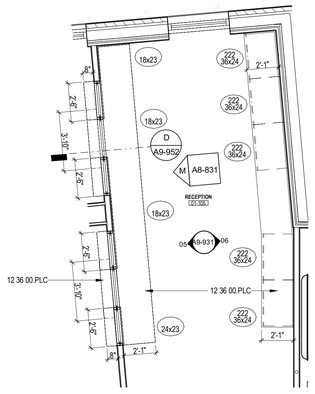


13 100M
1" = 1'-0"



12 PRODUCTION WORKROOM
1/4" = 1'-0"





11 ENL RECEPTION CASEWORK
1/4" = 1'-0"

06 20 00.PL# - 1/4" PLYWOOD BACK

06 20 00.F14 - TREATED 1X4 WOOD BLOCKING

06 20 00.F24 - TREATED 2X4 WOOD BLOCKING

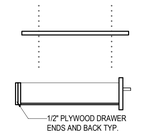
06 20 00.F14 - TREATED 1X4 WOOD BLOCKING

06 20 00.PW4 - DOOR/DRAWER WIRE HANDLE 4"

06 20 00.PEG - PEG SYSTEM

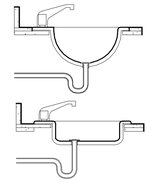


12 36 00.PLC- PLASTIC LAMINATE COUNTERTOP



06 20 00.SCU - 3/4" PLYWOOD SHELF ON ADJUSTABLE ON PEG SYSTEM

06 20 00.DS - DRAWER SLIDE TO BE MOUNTED ON FULL EXTENSION "BALL BEARING" TYPE GLIDES (TYP.)



12 35 53.13.SK# - SINK

12 35 53.13.SK# - SINK

CASEWORK GENERAL NOTES

1. ALL VISIBLE EXTERIOR AND INTERIOR SURFACES TO RECEIVE PLASTIC LAMINATE FINISH AS SELECTED BY THE ARCHITECT AND AS SPECIFIED ON PROJECT MANUAL.

2. PRIOR TO FABRICATION, CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS WHERE CASEWORK IS INDICATED TO BE INSTALLED.

3. ALL DOORS AND DRAWERS SHALL RECEIVE HARDWARE AND LOCKS AS SPECIFIED ON PROJECT MANUAL AND ON THESE DRAWINGS.

4. DESIGN AND DETAIL CABINETS, BLOCKING, FASTENERS, AND SUPPORT FOR AN ASSUMED LOAD OF EACH SHELF STACKED TO FULL PAPER CAPACITY. PROVIDE MINIMUM 3/4" THICK PLYWOOD CONSTRUCTION AT SHELVING AND SHELVING DIVIDER WALLS AT INTERVALS NOT TO EXCEED 4 FEET ON CENTER.

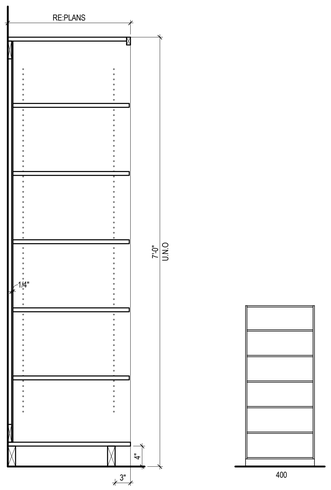
5. CAULK BETWEEN EXPOSED CABINET SURFACES AND ADJACENT WALLS.

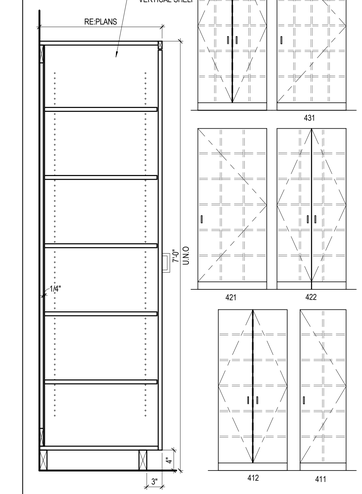
6. COORDINATE HARDWARE WITH THE SCHOOL'S MASTER KEYING SYSTEM.

7. PROVIDE SIDES, TOPS, BOTTOMS, AND BACKS FOR CABINETS. PROVIDE FRONT, SHELVING, GROMMETS, AND DRAWERS ACCORDING TO PROGRAM REQUIREMENTS.

8. WHERE H.C. ACCESSIBILITY IS REQUIRED AS SHOWN ON PLANS. PROVIDE KNEE CLEARANCES AT TABLES, COUNTER, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP. TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE FROM 28" TO 34" A.F.F.

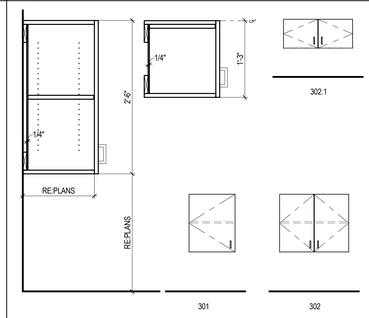
9. NO SHARP EDGES ALLOWED. PROVIDE CORNERS W/ 1" RADIUS.

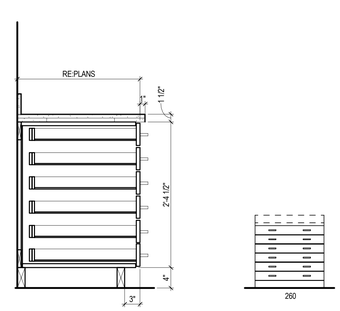




10 400
1" = 1'-0"

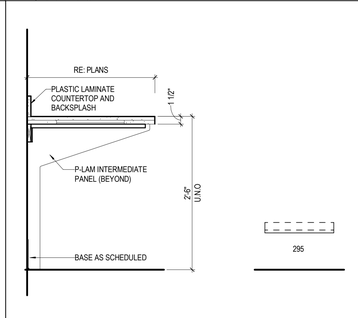
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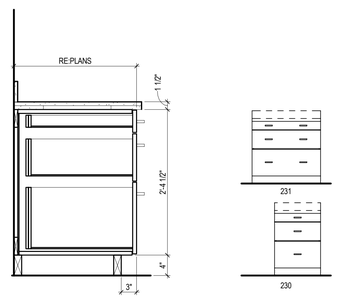


08 301 302 302.1
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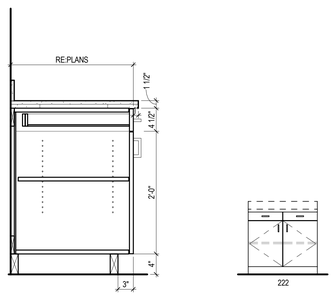
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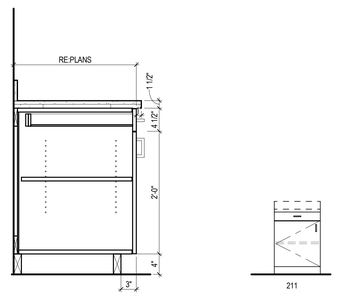
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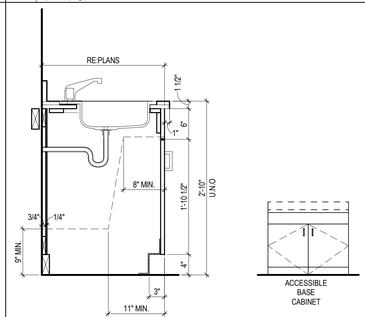
05 230 231
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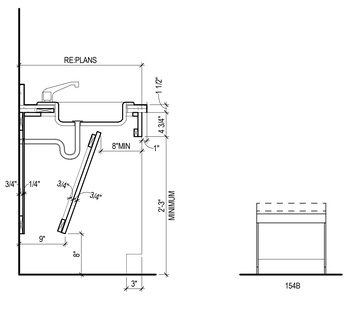
04 222
1" = 1'-0"



03 211
1" = 1'-0"



02 156 ACCESSIBLE BASE CABINET
1" = 1'-0"



01 154B
1" = 1'-0"

HB ESTIMATING REC'D 06.01.2026

Plot Stamp:
5/29/2026 4:04:25 PM

MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182500045

100% CONSTRUCTION DOCUMENTS

PBK
WEST PALM BEACH, FL
561-478-4457
FL FIRM: AR 0013140
www.pbk.com

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA
ANTONIO MIRAGAYA
AR102545
REGISTERED ARCHITECT

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

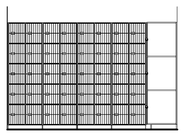
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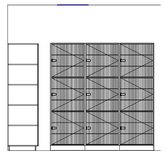
CASEWORK ELEVATION & DETAILS

A9-952

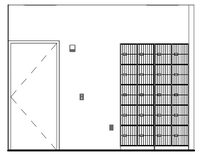
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1"



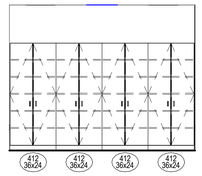
23 01-131H BRASS STORAGE
1/4" = 1'-0"



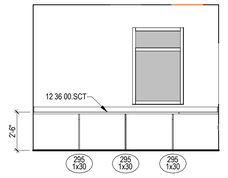
22 01-131H BRASS STORAGE
1/4" = 1'-0"



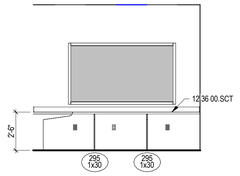
21 01-131G WOODWIND STORAGE
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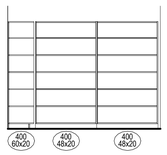
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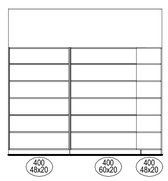
19 DESK/CHARGING
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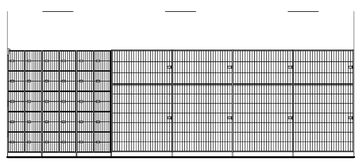
18 DESK/CHARGING
1/4" = 1'-0"



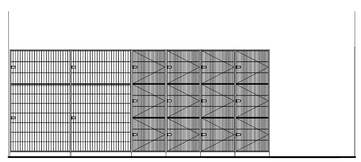
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1/4" = 1'-0"



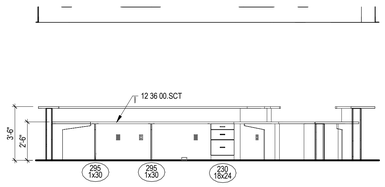
16 01-132C SHEET MUSIC STORAGE
1/4" = 1'-0"



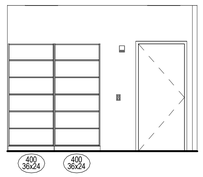
15 01-131D PERCUSSION STORAGE
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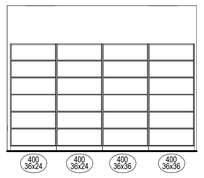
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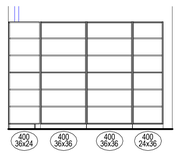
13 DESK/CHARGING
1/4" = 1'-0"



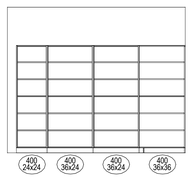
12 01-131F REFERENCE ROOM
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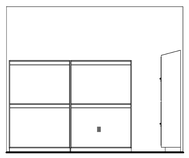
11 01-131F REFERENCE ROOM
1/4" = 1'-0"



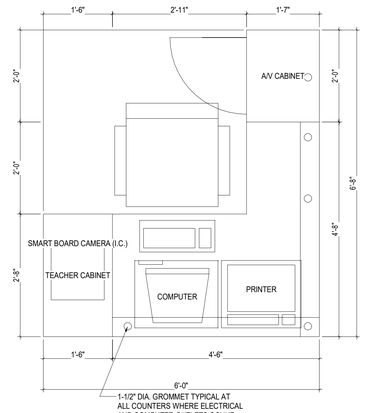
10 01-132B REFERENCE STORAGE
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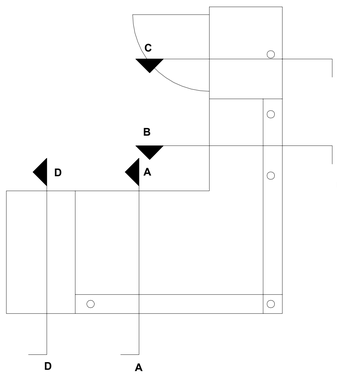
09 01-132B REFERENCE STORAGE
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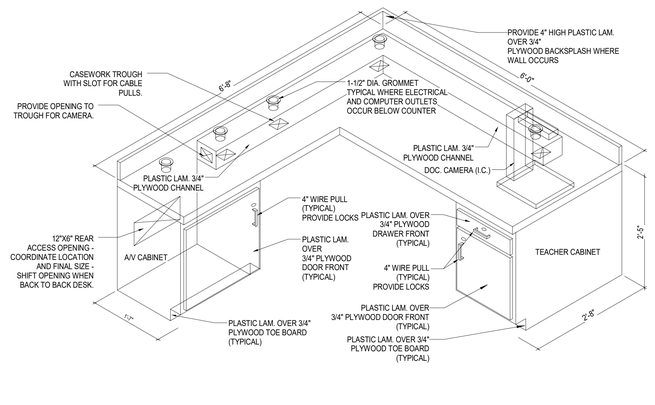
08 01-132A ROBE STORAGE
1/4" = 1'-0"



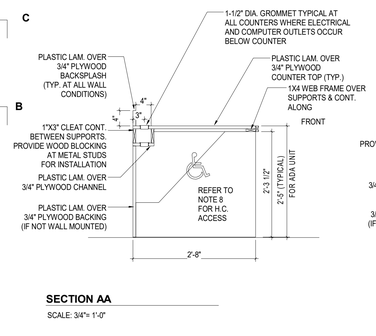
TEACHER STATION ITEM: TDESK
SCALE: 3/4"= 1'-0"



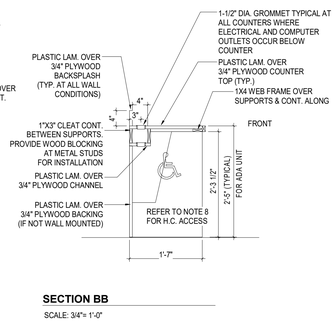
07 MARTIN COUNTY SCHOOL DISTRICT TEACHER'S DESK STANDARD DETAIL
3/4" = 1'-0"



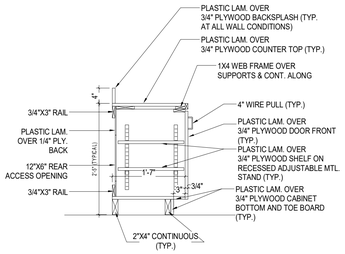
ISOMETRIC TEACHER STATION
SCALE: 3/4"= 1'-0"



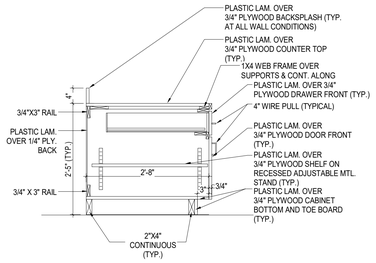
SECTION AA
SCALE: 3/4"= 1'-0"



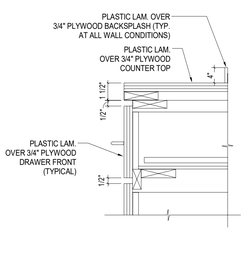
SECTION BB
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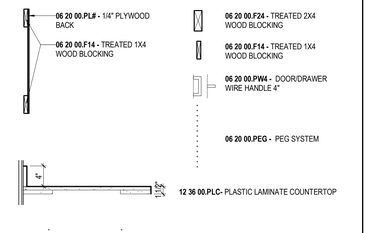
SECTION CC
SCALE: 3/4"= 1'-0"



SECTION DD
SCALE: 3/4"= 1'-0"



EDGE DETAIL
SCALE: 3/4"= 1'-0"



CASEWORK GENERAL NOTES

1. ALL VISIBLE EXTERIOR AND INTERIOR SURFACES TO RECEIVE PLASTIC LAMINATE FINISH AS SELECTED BY THE ARCHITECT AND AS SPECIFIED ON PROJECT MANUAL.

2. PRIOR TO FABRICATION, CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS WHERE CASEWORK IS INDICATED TO BE INSTALLED.

3. ALL DOORS AND DRAWERS SHALL RECEIVE HARDWARE AND LOCKS AS SPECIFIED ON PROJECT MANUAL AND ON THESE DRAWINGS.

4. DESIGN AND DETAIL CABINETS, BLOCKING, FASTENERS, AND SUPPORT FOR AN ASSUMED LOAD OF EACH SHELF STACKED TO FULL PAPER CAPACITY. PROVIDE MINIMUM 3/4" THICK PLYWOOD CONSTRUCTION AT SHELVING AND SHELVING DIVIDER WALLS AT INTERVALS NOT TO EXCEED 4 FEET ON CENTER.

5. CAULK BETWEEN EXPOSED CABINET SURFACES AND ADJACENT WALLS.

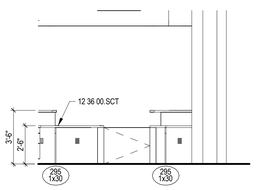
6. COORDINATE HARDWARE WITH THE SCHOOL'S MASTER KEYING SYSTEM.

7. PROVIDE SIDES, TOPS, BOTTOMS, AND BACKS FOR CABINETS. PROVIDE FRONT, SHELVING, GROMMETS, AND DRAWERS ACCORDING TO PROGRAM REQUIREMENTS.

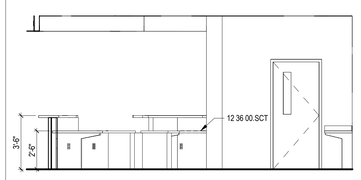
8. WHERE H.C. ACCESSIBILITY IS REQUIRED AS SHOWN ON PLANS. PROVIDE KNEE CLEARANCES AT TABLES, COUNTER, KNEE SPACES AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP. TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE FROM 28" TO 34" A.F.F..

9. NO SHARP EDGES ALLOWED. PROVIDE CORNERS W/ 1" RADIUS.

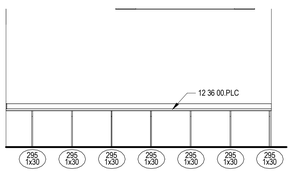
06 DESK/CHARGING
1/4" = 1'-0"



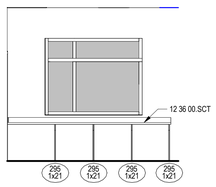
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1/4" = 1'-0"



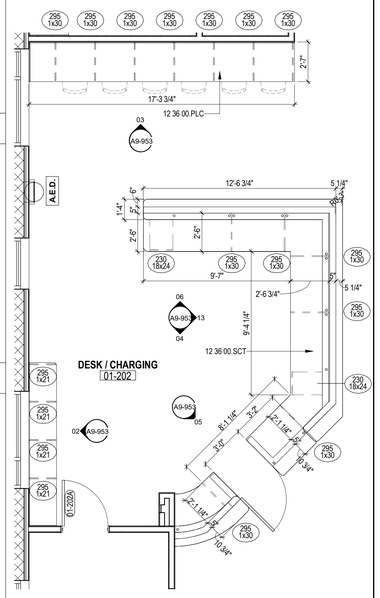
04 DESK/CHARGING
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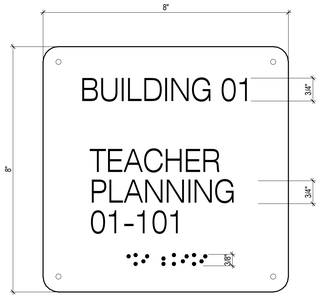


03 DESK/CHARGING
1/4" = 1'-0"



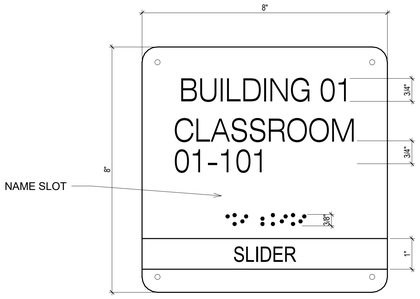
02 DESK/CHARGING
1/4" = 1'-0"


295 1x30
295 1x30
295 1x30
295 1x30
295 1x30
295 1x30
295 1x30
2'-7"
17-3 3/4"
12 36 00.PLC
03 A9-953
A.E.D.
12'-6 3/4"
5 1/4"
6"
5"
1 1/4"
2'-6"
2'-6"
230 18x24
295 1x30
295 1x30
9'-7"
5"
5 1/4"
2'-6 3/4"
06 A9-953 / 13 04
9'-4 1/4"
12 36 00.SCT
DESK / CHARGING
01-202
295 1x21
295 1x21
295 1x21
295 1x21
295 1x21
02 A9-953
A9-953 05
6'-1 1/4"
3'-0"
2'-1 1/4"
10 3/4"
3'-0"
2'-1 1/4"
10 3/4"
295 1x30
295 1x30
230 18x24
295 1x30
5"
5 1/4"
295 1x30
295 1x30
295 1x30
295 1x30
295 1x30
295 1x30
295 1x30



OFFICE

A SIGN TYPE
SCALE: 6" = 1'-0"



B SIGN TYPE
SCALE: 6" = 1'-0"



C SIGN TYPE
SCALE: 6" = 1'-0"



D SIGN TYPE
SCALE: 6" = 1'-0"



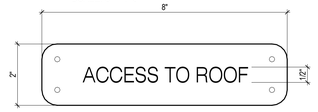
E SIGN TYPE
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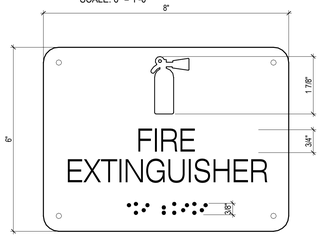
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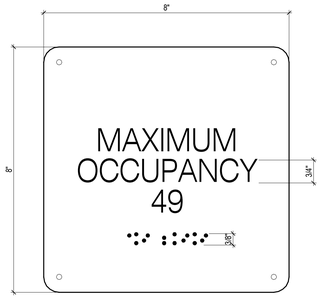
G SIGN TYPE
SCALE: 6" = 1'-0"



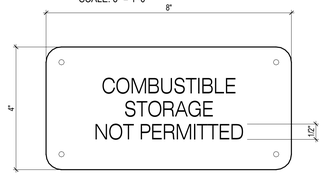
H SIGN TYPE
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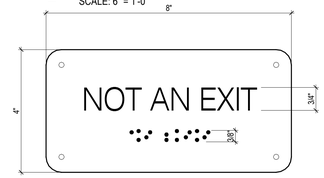
J SIGN TYPE
SCALE: 6" = 1'-0"



K SIGN TYPE
SCALE: 6" = 1'-0"



L SIGN TYPE
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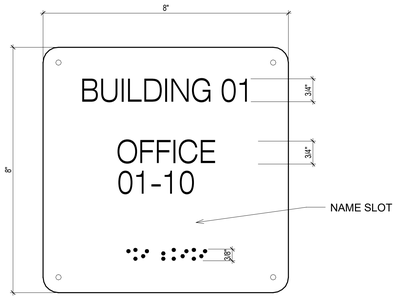
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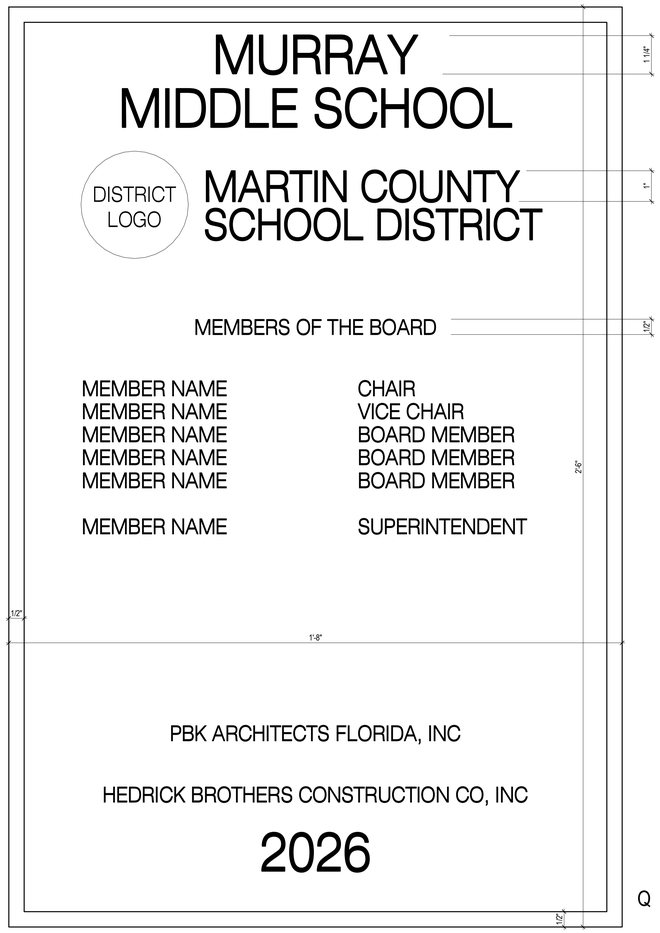
N SIGN TYPE
SCALE: 6" = 1'-0"



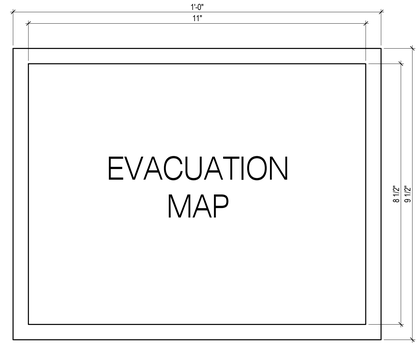
O SIGN TYPE
SCALE: 6" = 1'-0"



R SIGN TYPE
SCALE: 6" = 1'-0"



Q SIGN TYPE
SCALE: 6" = 1'-0"



P SIGN TYPE
SCALE: 6" = 1'-0"

INTERIOR SIGNAGE CHART

TYPE	LOCATION	QUANTITY	BRAILLE
A	AT EVERY ROOM LISTED ON THE ROOM FINISH SCHEDULE	AS REQUIRED	1/4" ADA GRADE II BRAILLE
B	AT EVERY CLASSROOM, SKILLS LAB, & OFFICE	AS REQUIRED	1/4" ADA GRADE II BRAILLE
C, D, E, F, G	AT EVERY RESTROOM / TOILET / SHOWER PER SEX	AS REQUIRED	1/4" ADA GRADE II BRAILLE
H	SPACES WITH ROOF HATCHES	SEE ROOF PLANS	
J	AT EVERY SPACE WITH FIRE EXTINGUISHER INSIDE	SEE LIFE SAFETY PLAN	1/4" ADA GRADE II BRAILLE
K	AT EVERY SPACE WITH AN OCCUPANT CAPACITY OF 50 OR MORE	SEE LIFE SAFETY PLAN	1/4" ADA GRADE II BRAILLE
L	AT EVERY LABELED MECHANICAL, ELECTRICAL, & DATA ROOM	AS REQUIRED	
M	TO BE DETERMINED	AS REQUIRED	1/4" ADA GRADE II BRAILLE
N	TO BE DETERMINED	AS REQUIRED	1/4" ADA GRADE II BRAILLE
O	AT EVERY ELEVATOR LANDING	2	1/4" ADA GRADE II BRAILLE
P	AT EVERY STUDENT OCCUPIED SPACE	AS REQUIRED	
Q	AT THE FRONT OF THE BUILDING ON THE EXTERIOR	1	

NOTES:
1. ALL SIGNAGE SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
   - ANSI A117.1 - Accessible and Usable Buildings and Facilities
   - Florida Building Code - Accessibility
   - Florida Building Code - Building 453.10.6 & 453.14.2
   - Florida Fire Prevention Code - 101: 7.10.1.3
   - Specification section 10 14 00
2. COLORS SHALL BE SELECTED BY ARCHITECT

GENERAL GRAPHICS NOTES

1. ALL GRAPHIC SIGNAGE SHALL BE COMPLIANT WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS, VERIFY REQUIREMENTS AND COMPLIANCE PRIOR TO FABRICATION.
2. PROVIDE AND INSTALL ONE SIGN FOR EVERY DOOR IN DOOR SCHEDULE, PLUS ONE SIGN FOR EVERY PERMANENT ROOM AND OR SPACE WITHOUT A DOOR.
3. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO DOOR OR AT DOUBLE LEAF DOOR LOCATIONS, INSTALL SIGN ON THE NEAREST ADJACENT WALL.
4. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE.
5. CHARACTER FONTS SHALL BE UPPERCASE, SANS SERIF, HELVITICA MEDIUM, NON-ITALIC, NON-OBLIQUE, NON-SCRIPT, NON-DECORATIVE, RAISED 1/32 INCH, PAINTED WHITE.
6. CHARACTER FONT PROPORTIONS SHALL BE HAVE A WIDTH OF THE UPPERCASE LETTER "O" 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
7. CHARACTER FONT HEIGHT SHALL BE 5/8 INCH HIGH MINIMUM AND 2 INCH HIGH MAXIMUM.
8. CHARACTER FONT STROKE THICKNESS OF THE UPPER CASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.
9. CHARACTER FONT SPACING OF CHARACTERS WITH RECTANGULAR CROSS SECTIONS SHALL BE 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM.
10. CHARACTER FONT SPACING OF CHARACTERS WITH NON-RECTANGULAR CROSS SECTIONS SHALL BE 1/16 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SETIOINS.
11. CHACTER FONTS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH MINIMUM.
12. GRADE 2 BRAILLE SHALL ACCOMPANY ALL RAISED TEXT. BRAILLE DOTS SHALL HAVE DOMED OR ROUNDED SHAPE, AND BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT.
13. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.
14. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 INCHES MINIMUM IN HEIGHT.
15. SIGN MATERIAL SHALL BE 1/4 INCH THICK WITH MATTE, NON-GLARE PLASTIC LAMINATE FRONT FACE AND MATTE, NON-GLARE PLASTIC LAMINATE BACK FACE. CHARACTER AND SYMBOL COLOR SHALL CONTRAST WITH BACKGROUND COLOR. COLORS SHALL BE SELECTED BY ARCHITECT AND OR OWNER.
16. SIGN EDGE SHALL BE PAINTED ALL AROUND TO MATCH SIGN FACE.
17. CONTRACTOR TO PROVIDE ONE SIGN PER DOOR OR NUMBER IN SCHEDULE WHICHEVER IS GREATER.

PBK

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MURRAY MIDDLE SCHOOL MODERNIZATION

4400 SE MURRAY STREET
STUART, FLORIDA 34997

CLIENT PROJECT NUMBER: PO #5182600045

100% CONSTRUCTION DOCUMENTS

MARTIN COUNTY SCHOOL DISTRICT

STATE OF FLORIDA · ANTONIO MIRAGAYA · REGISTERED ARCHITECT · AR102545

ANTONIO MIRAGAYA, AIA, LIC. # AR102545, DATE: 2026/05/25
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CLIENT
MARTIN COUNTY SCHOOL DISTRICT

DATE	PROJECT NUMBER
2026/05/25	25064.00

DRAWING HISTORY

No.	Description	Date

CHECKED BY: RT
DRAWN BY: AM

VOLUME NO. 1

SIGNAGE DETAILS

A9-961

Plot Stamp:
5/29/2026 4:11:09 PM

HB ESTIMATING REC'D 06.01.2026