2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE-FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST STCDS\01. TLEFL24-305-T-100.DWG BBARRERES PLOTTED: 02/28/2025

SYMBOLS

NOTE: REFER TO EACH DISCIPLINE'S DRAWINGS FOR ADDITIONAL SYMBOL LEGENDS.

MATERIAL DESIGNATIONS

- EARTH
- POROUS FILL (STONE OR GRAVEL, SUB BASE, ETC.)
- ROCK
- STRUCTURAL CONCRETE (CAST IN PLACE OR PRECAST)
- BRICK (COMMON OR FACE)
- CONCRETE MASONRY UNITS (CMU)
- CUT STONE, CAST STONE
- MARBLE
- METAL (LARGE SCALE)
- METAL (SMALL SCALE STRUCTURAL & SHEET)
- PLYWOOD (LARGE SCALE)
- WOOD FINISH
- WOOD ROUGH (CONTINUOUS)
- WOOD ROUGH (BLOCKING)
- INSULATION (LOOSE OR BATT)
- INSULATION (RIGID)
- GLASS (LARGE SCALE)
- ACOUSTICAL TILE
- EIFS SYSTEM
- GYPSUM WALL BOARD (REFER TO WALL SECTIONS)
- GYPSUM DRYWALL SYSTEM (PARTITION OR WALL)
- PLASTER, SAND, CEMENT, GROUT

GRAPHIC SYMBOLS

- XXX / XXX — ROOM/SPACE NUMBER
- DOOR NUMBER (IF MORE THAN ONE DOOR PER ROOM, SUBLETTERS ARE USED)
- WINDOW STYLE
- SECTION — INDICATES SECTION NUMBER / REFERENCE DRAWING NUMBER
- DETAIL — INDICATES DETAIL NUMBER / REFERENCE DRAWING NUMBER
- ELEVATION — INDICATES ELEVATION NUMBER / REFERENCE DRAWING NUMBER
- A — COLUMN REFERENCE
- 1 — KEY NOTE - NUMBERED
- FINISH — KEY NOTE - EXTERIOR FINISH
- 1 — WALL TYPE NUMBER
- CHANGE IN FLOOR FINISH
- ELEVATION TARGET

ABBREVIATIONS

NOTE: REFER TO ADDITIONAL ABBREVIATION LISTS IN EACH DISCIPLINE'S DRAWINGS

STANDARD ABBREVIATIONS

SYMBOLS USED AS ABBREVIATIONS

&	AND
∠	ANGLE
@	AT SPACING OF
B.M.	BENCH MARK
℄	CENTER LINE
℄	CHANNEL
#	NUMBER
d	PENNY
⊥	PERPENDICULAR
ℙ	PLATE
∅	ROUND
□	SQUARE
X	WIDTH X HEIGHT
W/	WITH

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
ACG	ACCESS
ACFL	ACCESS FLOOR
AP	ACCESS PANEL
AC	ACOUSTICAL
ACPL	ACOUSTICAL PLASTER
ACT	ACOUSTICAL TILE
ACR	ACRYLIC PLASTIC
ADH	ADHESIVE
ADJ	ADJACENT
ADJT	ADJUSTABLE
AGG	AGGREGATE
A/C	AIR CONDITIONING
ALT	ALTERNATE
AL	ALUMINUM
ANC	ANCHOR, ANCHORAGE
AB	ANCHORBOLT
ANOD	ANODIZED
ARCH	ARCHITECT, ARCHITECTURAL
AD	AREA DRAIN
ASPH	ASPHALT
AT	ASPHALT TILE
AUTO	AUTOMATIC
AWN	AWNING
BSMT	BASEMENT
BL	BASE LINE
BM	BEAM
BRG	BEARING
BRP	BEARING PLATE
BEL	BELOW
BM	BENCH MARK
BET	BETWEEN
BVL	BEVELED
BEY	BEYOND
BLK	BLOCK
BLKG	BLOCKING
BD	BOARD
BS	BOTH SIDES
BOT	BOTTOM
BRKT	BRACKET
BRS	BRASS
BRK	BRICK
BRZ	BRONZE
BLDG	BUILDING
BUR	BUILT UP ROOFING
BR@L	BULLET RESISTANT GLASS
BO	BY OWNER
CAB	CABINET
CAN	CANVAS
CPT	CARPET
CSMT	CASEMENT
CIP	CAST IN PLACE
CST	CAST STONE
CB	CATCH BASIN
CLG	CEILING
CHT	CEILING HEIGHT
CEM	CEMENT
CM	CENTIMETER (S)
CER	CERAMIC
CT	CERAMIC TILE
CHBD	CHALKBOARD
CHAM	CHAMFER
CHIM	CHIMNEY
CR	CHROMIUM
CIR	CIRCLE
CIRC	CIRCUMFERENCE
CLR	CLEAR, CLEARANCE
CLS	CLOSURE
COL	COATED GLASS
COL	COLUMN
COMB	COMBINATION
COM	COMMON
COMPT	COMPARTMENT
COMPO	COMPOSITION, COMPOSITE
COMP	COMPOUNDS, (ED), (ION), (IBLE)
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACT, CONTRACTOR
CJ	CONTROL JOINT
CPR	COPPER
CG	CORNER GUARD
CORR	CORRUGATED
CTR	COUNTER
CS	COUNTERSINK
CRS	COURSE
CFT	CUBIC FOOT
CYD	CUBIC YARD
DPR	DAMPER
DP	DAMPPROOFING
DL	DEAD LOAD
DEM	DEMOLISH, DEMOLITION
DMT	DEMOUNTABLE
DTL	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DSP	DISPENSER
DIV	DIVISION
DR	DOOR
DTA	DOVETAIL ANCHOR
DTS	DOVETAIL ANCHOR SLOT
DN	DOWN
DS	DOWNSPOUT
DT	DRAIN TILE
DWR	DRAWER
DWG	DRAWING
DF	DRINKING FOUNTAIN
DW	DUMBWAITER
EA	EACH
EF	EACH FACE
EW	EACH WAY
ESMNT	EASEMENT
E	EAST
ELASTIC	ELASTIC
ELEC	ELECTRIC, (AL)
EP	ELECTRICAL PANELBOARD
EWC	ELECTRIC WATER COOLER
EL	ELEVATION (VERTICAL HEIGHT)
ELE	ELEVATION (VIEW)
ELEV	ELEVATOR
EMER	EMERGENCY
ENC	ENCLOSE, (URE)
EQ	EQUAL
EQP	EQUIPMENT
ESC	ESCALATOR
EST	ESTIMATE
EXH	EXHAUST
EXP	EXPANSION
EXMP	EXPANDED METAL PLATE
EB	EXPANSION BOLT
EJT	EXPANSION JOINT
EXPOS	EXPOSED
EXT	EXTERIOR
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FAS	FASTEN, FASTENER
FN	FENCE
FBD	FIBERBOARD
FGL	FIBERGLASS
FIN	FINISH, (ED)
FF	FINISHED FLOOR ELEVATION
FFL	FINISHED FLOOR LINE
FA	FIRE ALARM
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHS	FIRE HOSE STATION
FPL	FIREPLACE
FBRK	FIREBRICK
FRT	FIRE RETARDANT
FXT	FIXTURE
FLG	FLASHING
FLX	FLEXIBLE
FG	FLOAT GLASS
FLR	FLOOR, (ING)
FD	FLOOR DRAIN
FL	FLOW LINE
FLUR	FLOURESCENT
FJT	FLUSH JOINT
FTG	FOOTING
FND	FOUNDATION
FR	FRAME, (D), (ING)
FS	FULL SIZE
FUR	FURRED, (ING)
FUT	FUTURE
GA	GAGE, GAUGE
GALV	GALVANIZED
GKT	GASKET, (ED)
GC	GENERAL CONTRACT, (OR)
GL	GLASS, GLAZING
GLB	GLASS BLOCK
GCMU	GLAZED CONCRETE MASONRY UNITS
GLM	GLUE LAM
GB	GRAB BAR
GD	GRADE, GRADING
GRN	GRANITE
GRT	GRATE, (ING)
GVL	GRAVEL
GRHS	GREENHOUSE
GT	GROUT
GRD	GUARD
GUT	GUTTER
GPL	GYPSUM LATH
GPL	GYPSUM PLASTER
GPT	GYPSUM TILE
GWB	GYPSUM WALLBOARD
HC	HANDICAP
HNRL	HANDRAIL
HBD	HARDBOARD
HDW	HARDWARE
HWD	HARDWOOD
HDR	HEADER
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
HD	HEAVY DUTY
HEX	HEXAGON
HT	HIGH POINT
HCR	HOLLOW CORE
HOR	HORIZONTAL
HB	HOSE BIBB
INCAN	INCANDESCENT
INCIN	INCINERATOR
INCL	INCLUDE, (ED), (ING)
ID	INSIDE DIAMETER
INS	INSULATE, (ED), (ING)
INSC	INSULATING CONCRETE
IGL	INSULATING GLASS
INT	INTERIOR
INTM	INTERMEDIATE
INV	INVERT
JC	JANITOR'S CLOSET
JT	JOINT
JF	JOINT FILLER
J	JOIST
KPL	KICKPLATE
KIT	KITCHEN
KO	KNOCKOUT
KNL	KNEE
LAB	LABORATORY
LAD	LADDER
LB	LAG BOLT
LAM	LAMINATE, (ED)
LGL	LAMINATED GLASS
LAV	LAVATORY
LO	LAYOUT
LVR	LOUVER
LPT	LOW POINT
MB	MACHINE BOLT
MH	MANHOLE
MFR	MANUFACTURE, (ER)
MRB	MARBLE
MAS	MASONRY
MTL	MATERIAL
MAX	MAXIMUM
MECH	MECHANIC, (AL)
MC	MEDICINE CABINET
MED	MEDIUM
MDO	MEDIUM DENSITY OVERLAY
MBB	MAKE BELIEVE BOULEVARD
MBR	MEMBER
MBRN	MEMBRANE
MET	METAL
MO	MASONRY OPENING
MW	MICROWAVE
MM	MILLIMETER, (S)
MIN	MINIMUM
MIR	MIRROR
MGL	MIRROR GLASS (FRAMED)
MISC	MISCELLANEOUS
MOD	MODULAR
MLD	MOLDING, MOULDING
MTR	MOP RECEPTOR
MT	MOUNT, (ED), (ING)
MOV	MOVABLE
MULL	MULLION
NL	NAILABLE
NAT	NATURAL
NI	NICKEL
NR	NOISE REDUCTION
NOM	NOMINAL
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
OC	ON CENTER, (S)
OPP	OPPOSITE
OPNG	OPENING
OPH	OPPOSITE HAND
ORN	ORNAMENTAL
OD	OUTSIDE DIAMETER
OA	OVERALL
OH	OVERHEAD
PNT	PAINT, (ED)
PNL	PANEL, (ING)
PB	PANIC BAR
PTD	PAPER TOWEL DISPENSER
PTR	PAPER TOWEL RECEPTOR
PAR	PARALLEL
PRPT	PARAPET
PK	PARKING
PBD	PARTICLE BOARD
PTN	PARTITION
PV	PAVE, (D), (ING)
PVMT	PAVEMENT
PERF	PERFORATE, (ED)
PER	PERIMETER
PLAM	PLASTIC LAMINATE
PLTR	PLASTER
PLAS	PLASTIC
PLM	PLASTIC LAMINATE
PL	PLATE
PG	PLATE GLASS
PWD	PLYWOOD
PT	POINT
PVC	POLYVINYL CHLORIDE
PE	PORCELAIN ENAMEL
PCPL	PORTLAND CEMENT PLASTER
PD	POUND,(S)
PCF	POUNDS PER CUBIC FOOT
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PCC	PRECAST CONCRETE
PFB	PREFABRICATE, (ED)
PFN	PREFINISHED
PRF	PREFORMED
PRSM	PRESSURE
PRTD	PRESSURE TREATED
PL	PROPERTY LINE
QT	QUARRY TILE
RBT	RABBET, REBATE
RAD	RADIUS
RFT	RAFTER
RAL, (ING)	RAIL, (ING)
REC	RECESS, (ED)
REF	REFER, (ENCE)
RFL	REFLECT, (ED), (IVE), (OR)
REFR	REFRIGERATOR
REG	REGISTER
REIN	REINFORCE, (ED), (ING)
RECP	REINFORCED CONCRETE PIPE
REM	REMOVE
REQ'D	REQUIRED
RES	RESILIENT
RET	RETURN
RA	RETURN AIR
RVS	REVERSE (SIDE)
REV	REVISE, (S), REVISE, (ED)
RH	RIGHT HAND
ROW	RIGHT OF WAY
R	RISER
RVT	RIVET
R&S	ROD & SHELF
RD	ROOF DRAIN
RFH	ROOF HATCH
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING
RCP	ROUND CONCRETE PIPE
ROK	ROWLOCK
RB	RUBBER BASE
RBT	RUBBER TILE
RBL	RUBBLE STONE
SFGL	SAFETY GLASS
SCH	SCHEDULE
SCN	SCREEN
SCUP	SCUPPER
SNT	SEALANT
STG	SEATING
SEC	SECTION
SYVO	SERVICE YARD
SSK	SERVICE SINK
SHTH	SHEATH, (ING)
SHT	SHEET
SG	SHEET GLASS
SH	SHELF, SHELVING
SHNG	SHINGLE, (S)
SHU	SHUTTER, (S)
SIDG	SIDING
SIM	SIMILAR
SKL	SKYLIGHT
SL	SLEEVE
SLO	SLOPE
SOL	SOLDIER
SC	SOLID CORE
SP	SOUNDPROOF
SPC	SPACE
SPAC, (IS)	SPACE, (S)
SGL	SPANDREL GLASS
SPK	SPRINKLER
SPL	SPECIAL
SPEC	SPECIFICATION
SPSH	SPLASH
SQ	SQUARE
SST	STAINLESS STEEL
STGL	STAINED GLASS
STD	STANDARD
STA	STATION
ST	STEEL
STO	STORAGE
SF	STOREFRONT
SD	STORM DRAIN
STR	STRUCTURAL
STCO	STUCCO
SFLR	SUBFLOOR
SA	SUPPLY AIR
SUS	SUSPENDED
SYD	SIDE YARD
SYM	SYMMETRY, (ETRICAL)
SYMM	SYMMETRIC
SYS	SYSTEM
TKBD	TACKBOARD
TEL	TELEPHONE
TV	TELEVISION
TG	TEMPERED GLASS
TIG	TEMPERED, INSULATED GLASS
TZ	TERRAZZO
THK	THICK, (NESS)
THR	THRESHOLD
TBRL	TO BE RELOCATED
TOBR	TO BE REMOVED
TPD	TOILET PAPER DISPENSER
TPTN	TOILET PARTITION
TOL	TOLERANCE
T&G	TONGUE AND GROOVE
TSL	TOP OF CONCRETE SLAB
TC	TOP OF CURB
TJ	TOP OF JOIST
TP	TOP OF PLATE
TST	TOP OF STEEL
TSF	TOP OF SUBFLOOR
TW	TOP OF WALL
TOPG	TOPPING
TR	TO REMAIN
TB	TOWEL BAR
TR	TRANSOM
T	TREAD
TRNB	TURNBUCKLE
TYP	TYPICAL
UC	UNDERCUT
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
VJ	V-JOINT
VB	VAPOR BARRIER
VAR	VARNISH
VNR	VENEER
VERT	VERTICAL
VG	VERTICAL GRAIN
VIN	VINYL
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VF	VINYL FABRIC
VT	VINYL TILE
VICP	VITREOUS CLAY PIPE
VCT	VITREOUS CLAY TILE
WSCT	WAINSCOT
WH	WALL HUNG
WC	WATER CLOSET
WHTR	WATER HEATER
WP	WATERPROOFING
WR	WATER RESISTANT
WS	WATERSTOP
WST	WEATHERSTRIP, (ING)
WWF	WELDED WIRE FABRIC
W	WEST
WHS	WHEEL STOP
WID	WIDTH, WIDE
WIN	WINDOW
WG	WIRED GLASS
WM	WIRE MESH
WO	WITHOUT
WD	WOOD
WI	WROUGHT IRON

THE LEARNING EXPERIENCE

ACADEMY OF EARLY EDUCATION

3284 WEST 1ST STREET
SANFORD
FLORIDA, 32771
TLE SITE ID: 1FL0132

LICENSING CALCULATION CHART
The Learning Experience - Sanford, Florida

ROOM NUMBER	ROOM NAME	AGE GROUP	NUMBER OF CHILDREN	NUMBER OF TEACHERS	TEACHER RATIO	STATE REQ'D S.F. (35 S.F. PER CHILD)	NET S.F.* (35 S.F. PER CHILD)	ACTUAL S.F. (35 S.F. PER CHILD)	RATIO CHILD PER S.F.
135	INFANT A	6 WK - 12 MO.	8	2	1/4	440	468	522	1/55
133	INFANT B	6 WK - 12 MO.	8	2	1/4	440	468	522	1/55
131	TODDLER A	12 MO. - 24 MO.	12	2	1/6	420	434	488	1/35
126	TODDLER B	12 MO. - 24 MO.	18	3	1/6	630	654	708	1/35
123	TWADDLERS	24 MO. - 30 MO.	22	2	1/11	770	779	828	1/35
119	PREPPERS	30 MO. - 36 MO.	22	2	1/11	770	776	828	1/35
108	PRE-SCHOOL #1	3 - 4 YEARS	15	1	1/15	525	538	550	1/35
111	PRE-SCHOOL #2	3 - 4 YEARS	15	1	1/15	525	538	550	1/35
113	PRE-SCHOOL #3	4 - 5 YEARS	20	1	1/20	700	703	715	1/35
105	PRE-SCHOOL / MBB	VARIES	25	2	VARIES	875	878	890	1/35
117	PRE K-K	5 - 6 YEARS	25	1	1/25	875	887	899	1/35
		TOTALS:	190	19					
			+ 2 ADMIN. STAFF						
			TOTAL	211					

* CALCULATED LESS BUILT-IN ITEMS
FIRST FLOOR 11,600 S.F.
PLAY AREA 5,296 S.F.

CONTACTS:

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SUBMITTALS:

IT IS THE GENERAL CONTRACTOR'S (GC) RESPONSIBILITY TO SECURE AND REVIEW ALL SHOP DRAWINGS INDICATED FOR REVIEW BY THE CONSTRUCTION DOCUMENTS. IT IS EXPECTED THAT THE GC IS TO PROVIDE THEIR STAMP OF APPROVAL CERTIFYING THAT THEY HAVE COORDINATED AND VERIFIED ALL DIMENSIONS AND MATERIALS ALONG WITH THE COORDINATION OF ANY ADDITIONAL INFORMATION AFFECTING THE INSTALLATION, INCLUDING THE ACTUAL FIELD CONDITIONS. SHOP DRAWINGS NOT COMPLYING WILL NOT BE REVIEWED AND WILL BE SENT BACK TO THE GC FOR RESUBMITTAL IN ACCORDANCE WITH THIS REQUIREMENT. SHOP DRAWING RESUBMITTALS ARE TO INCLUDE WAY AND ALL CHANGES REQUESTED IN PREVIOUS REVIEWS; CLOUDING SAME AND PROVIDING A REVISION NUMBER. THE GC IS NOT TO PROCEED WITH ANY WORK OR FABRICATION UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT. THE ARCHITECT WILL NOT ACCEPT ANY CHARGES FROM THE GC OR THEIR SUB-CONTRACTORS BASED ON THE REQUIRED RESUBMITTAL REQUESTED, AND MUST CLEARLY EXPLAIN THIS TO THEIR SELECTED SUB-CONTRACTOR BEFORE ENGAGING THEM AS PART OF THEIR TEAM.

LONG LEAD TIMES:

IT IS THE OWNER/DEVELOPER AND GENERAL CONTRACTOR (GC) RESPONSIBILITY TO MANAGE AND ORDER ALL SPECIFIED PRODUCTS AND SERVICES REQUIRED IN THE CONSTRUCTION DOCUMENTS IN A TIMELY MANNER IN ACCORDANCE WITH THE APPROVED PROJECT SCHEDULE. CONSTRUCTION SCHEDULE EXTENSIONS SHALL NOT BE ACCEPTED FOR DELAYED PRODUCTS AND SERVICES.

UTILITY SERVICES:

IT IS THE OWNER/DEVELOPER RESPONSIBILITY TO COORDINATE AND ORDER ALL UTILITY SERVICES IN ADVANCE OF FINAL CONSTRUCTION DOCUMENT APPROVALS AND COMMENCEMENT OF CONSTRUCTION. UTILITIES SHALL INCLUDE BUT ARE NOT LIMITED TO WATER, ELECTRIC, NATURAL GAS, TELEPHONE, AND INTERNET. ALL REQUISITE MUNICIPAL AND CORPORATE PROVIDER APPLICATIONS AND RECEIPT OF PAYMENT(S) MUST BE SUBMITTED TO THE LEARNING EXPERIENCE FOR RECORD KEEPING PURPOSES. COORDINATION OF ALL UTILITIES MUST BE IN ACCORDANCE WITH THE PROFESSIONAL ARCHITECTURE AND ENGINEERING TEAMS AND MEET FINAL APPROVED CONSTRUCTION DOCUMENT REQUIREMENTS. PRE-CONSTRUCTION COORDINATION AND COMPLETION OF THESE ORDERS IS NECESSARY. CONSTRUCTION SCHEDULE EXTENSIONS SHALL NOT BE ACCEPTED FOR UTILITY DELAYS.

DEFERRED SUBMITTALS
(PREPARED BY OTHERS)

- SPRINKLER SHOP DRAWINGS
- FIRE ALARM SHOP DRAWINGS
- TRUSS SHOP DRAWINGS
- PLAYGROUND SHOP DRAWINGS
- AWNING SHOP DRAWINGS

SCHEDULE OF DRAWINGS

T-100	TITLE SHEET
T-201	SPECIFICATIONS
T-202	SPECIFICATIONS
T-203	SPECIFICATIONS
T-204	SPECIFICATIONS
T-205	SPECIFICATIONS
T-206	SPECIFICATIONS
T-207	SPECIFICATIONS
T-208	SPECIFICATIONS
T-209	SPECIFICATIONS
T-300	LIFE SAFETY DATA AND EGRESS PLAN
T-400	ACCESSIBILITY & TACTILE SIGNAGE DETAILS
T-500	ENERGY COMPLIANCE REPORT
T-501	ENERGY COMPLIANCE REPORT
T-502	ENERGY COMPLIANCE REPORT
T-503	ENERGY COMPLIANCE REPORT
SP-101	ARCHITECTURAL SITE PLAN
SP-102	SITE DETAILS

CIVIL (BY OTHERS)

ARCHITECTURAL

A-011	CONSTRUCTION PLAN
A-012	DIMENSION PLAN
A-021	REFLECTED CEILING PLAN
A-031	ROOF PLAN
A-032	ROOF DETAILS
A-033	ROOF DETAILS
A-041	FLOOR FINISH PLAN
A-042	WALL FINISH PLAN
A-051	EXTERIOR ELEVATIONS
A-061	BUILDING SECTION
A-071	WALL SECTIONS
A-072	WALL SECTIONS
A-081	DETAILS
A-082	DETAILS
A-091	PARTITION TYPES AND DETAILS
A-111	TOILET ROOM PLANS AND DETAILS
A-121	DOOR SCHEDULE AND DETAILS
A-122	DOOR HARDWARE SCHEDULE
A-123	WINDOW SCHEDULES
A-131	CUBBIE ELEVATIONS AND DETAILS
A-132	MILLWORK ELEVATIONS AND DETAILS
A-133	MILLWORK ELEVATIONS AND DETAILS
A-134	PANTRY ELEVATIONS AND DETAILS
A-135	RECEPTION AREA ELEVATIONS AND DETAILS
A-141	MAIN ENTRY DETAILS
A-151	PLAYGROUND AREA DETAILS
A-152	PLAYGROUND AREA DETAILS
A-153	PLAYGROUND WATER FEATURE DETAILS
A-161	SIGNAGE DETAILS

STRUCTURAL

S-100	GENERAL NOTES
S-101	FOUNDATION PLAN
S-102	ROOF FRAMING PLAN
S-200	FOUNDATION SECTIONS
S-300	FRAMING SECTIONS
S-301	FRAMING SECTIONS

MEPFP GENERAL NOTES

MEP-	MECHANICAL, ELECTRICAL, PLUMBING, &
FP-001	FIRE PROTECTION GENERAL NOTES

MECHANICAL

M-100	HVAC GENERAL NOTES
M-101	HVAC ABBREVIATIONS, SPECIFICATIONS AND SYMBOL LIST
M-200	HVAC PLAN
M-300	HVAC ROOF PLAN
M-400	HVAC SCHEDULES AND RISER DIAGRAM
M-500	HVAC DETAILS/DIAGRAMS
M-600	HVAC VENTILATION CALCULATIONS
E-100	ELECTRICAL NOTES, LEGEND, SYMBOLS, & ABBREVIATIONS
E-101	ELECTRICAL NOTES
E-110	ELECTRICAL PANEL SCHEDULES
E-111	ELECTRICAL SERVICE RISER DIAGRAM
E-200	ELECTRICAL POWER PLAN
E-210	MECHANICAL ROOM LAYOUT
E-220	MECHANICAL POWER PLAN
E-230	ELECTRICAL ROOF POWER PLAN
E-300	ELECTRICAL LIGHTING PLAN
E-400	ELECTRICAL DIAGRAMS
E-500	ELECTRICAL SITE PLAN

PLUMBING

P-100	PLUMBING GENERAL NOTES
P-101	PLUMBING ABBREVIATIONS, SCHEDULES, SPECIFICATIONS AND LEGEND
P-200	COLD AND HOT WATER PLUMBING RISER DIAGRAM
P-210	SANITARY PLUMBING RISER DIAGRAM
P-300	COLD AND HOT WATER PLUMBING PLAN
P-400	SANITARY PLUMBING PLAN
P-500	STORM PLUMBING PLAN
P-600	PLUMBING DIAGRAMS

FIRE PROTECTION

FP-100	FIRE PROTECTION GENERAL NOTES & SCHEDULES
FP-200	FIRE PROTECTION PLAN
FP-300	FIRE PROTECTION DIAGRAMS

FIRE ALARM

FA-100	FIRE ALARM RISER, NOTES, SPECIFICATIONS & LEGEND
FA-200	FIRE ALARM PLAN, NOTES & SYSTEM MATRIX

CODE DATA

APPLICABLE CODES:
2023 FLORIDA BUILDING CODE, 8TH EDITION
2023 FLORIDA MECHANICAL CODE, 8TH EDITION
2023 FLORIDA PLUMBING CODE, 8TH EDITION
2023 FLORIDA ENERGY CONSERVATION CODE, 8TH EDITION
2023 FLORIDA FIRE PREVENTION CODE, 8TH EDITION
2023 FLORIDA ACCESSIBILITY CODE, 8TH EDITION
2020 FLORIDA ELECTRICAL CODE

SITE DATA: PARCEL ID: 22-19-305-WC000000-A0
GENERAL DESCRIPTION: CHILD CARE USE, 1 STORY BUILDING
BUILDING USE GROUPS: I-4 (CHILD DAY CARE)

CONSTRUCTION CLASSIFICATION: 5B (UNPROTECTED, UNRESTRICTED)

FIRE SPRINKLERS: FULL AUTOMATIC SPRINKLER SYSTEM

BUILDING AREA	ALLOWABLE	PROVIDED
TABLE 506.2	36,000 SQ. FT.	11,595 SQ. FT.

BUILDING HEIGHTS:	ALLOWABLE	PROVIDED
TABLE 504.4	2 STORY	1 STORY
TABLE 504.3	60'-0" BUILDING HEIGHT	25'-6" BUILDING HEIGHT

NUMBER OF EXITS:	REQUIRED	PROVIDED
TABLE 1006.3.2	2 PER STORY	3 EXITS
SEC. 1006.2.2.5	2 PER ROOM WITH MORE THAN 10 OCCUPANTS	2 EXITS PER ROOM

OCCUPANCY:	ALLOWABLE	RATIO	PROVIDED
TABLE 1004.5	204 OCC. (MIN.)	DAY CARE: MIN. OF 1 OCC : 35C SQ. FT. 7,123 / 35 NET SQ. FT. = 204 OCC.	221 TOTAL OCCUPANTS
SEC. 1005.3	510 OCC. (MAX.)	3 EXIT DOORS X 34" = 102 102 / 0.2" = 510 OCC.	
PER STATE LICENSING	221 OCC. (ACTUAL; REFER TO LICENSING CALCS THIS PAGE)		

EGRESS WIDTH:	REQUIRED	PROVIDED
SEC. 1005.3.2	221 OCC. (SEE ABOVE) X 0.2" = 44.2	72" TYP. CORRIDOR WIDTH
TABLE 1020.3	44" MIN. CORRIDOR WIDTH	

FIRE RATINGS:	BUILDING ELEMENT	REQUIRED	PROVIDED
	STRUCTURAL FRAMING	0 HOURS	0 HOURS
	BEARING WALLS	0 HOURS	0 HOURS
	NON-BEARING WALLS	0 HOURS	0 HOURS
	FLOOR CONST.	0 HOURS	0 HOURS
	ROOF CONST.	0 HOURS	0 HOURS
	EXTERIOR WALLS	0 HOURS	0 HOURS
	CORRIDOR	0 HOURS	0 HOURS

CORRIDOR WALLS SHALL BE SMOKE PARTITIONS PER SECTION 466.8

MAX. COMMON PATH OF EGRESS TRAVEL:	REQUIRED	PROVIDED
	75 FT.	LESS THAN 75 FT.

EXIT ACCESS TRAVEL DISTANCE:	REQUIRED	PROVIDED
	200 FT.	LESS THAN 200 FT.

PLUMBING FIXTURE COUNT:	ELEMENT	REQUIRED	PROVIDED
		221 OCC. / 2 = 111 M, 111 F	
	WATER CLOSET	1 : 15 OCC. 111 OCC. / 15 = 7 M, 7 F	14 (GENDER NEUTRAL)
	LAVATORY	1 : 15 OCC. 111 OCC. / 15 = 7 M, 7 F	14 (GENDER NEUTRAL)
	DRINKING FOUNTAIN	1 PER 100	2 INTERIOR, 2 EXTERIOR
	SERVICE SINK	1	1
	SHOWER/BATHTUB	1	1

LOCATION MAP



Jarmel Kizel
ARCHITECTS AND ENGINEERS INC.
42 OKONER PARKWAY
LIVINGSTON, NEW JERSEY 07039
TEL: 973-994-9669
FAX: 973-994-9669
www.jarmelkizel.com
Architecture
Engineering
Interior Design
Implementation Services

3284 WEST 1ST ST
SANFORD, FL 32771
TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

NO.	DATE	DESCRIPTION
		REVISION

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01	02-28-25	FOR TLE REVIEW

ISSUE

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

2024.V24.06 PROTOTYPE

CONDITIONS OF CONTRACT

The following Conditions of Contract are included as if bound with this document: AIA A101, Standard Form of Agreement Between Owner and Contractor, Stipulated Sum, and AIA A201, General Conditions of the Contract.

SPECIFICATIONS

Technical and administrative requirements for the Project are divided into 16 Divisions as follows. Division 1 General Requirements apply to all work for the Project.

Division 1 – General Requirements
Division 2 – Sitework
Division 3 – Concrete
Division 4 – Masonry
Division 5 – Metals
Division 6 – Wood and Plastics
Division 7 – Thermal and Moisture Control
Division 8 – Doors and Windows
Division 9 – Finishes
Division 10 – Specialties
Division 11 – Equipment
Division 12 – Furnishings
Division 13 – Special Construction
Division 14 – Conveying Systems
Division 15 – Mechanical
Division 16 – Electrical

SECTION 010000
PROJECT REQUIREMENTS

SUMMARY

1. The Project consists of a commercial daycare center facility.

PROJECT REQUIREMENTS

1. Requirements for Sequence of Work, Phasing, and Occupancy
2. Prior or Concurrent Work by Owner or Others
3. Existing Site Conditions and Restrictions
4. Contractor's Use of Premises and Adjacent Facilities
5. Pre-purchased and Pre-ordered Items
6. Owner-Furnished and Owner-Installed Items
7. Owner-Furnished and Contractor-Installed Items
8. Special Mock-Ups
9. Related Future Work
10. Reference Drawings and Reports
11. Owner's Building Standards

PERMITS

1. Apply for, obtain, and pay for building permits, health department permits, any additional permits required by the AHJ, and utility company back-charges required to perform the work. Submit copies to Architect and The Learning Experience.

INTENT

1. Drawings and specifications are intended to provide the basis for the proper completion of the Project suitable for the intended use of the Owner.
2. Items not expressly set forth, but which are reasonably implied or necessary for the proper performance of this work shall be included.

COORDINATION

1. Coordinate the work of all trades.
2. Prepare coordination drawings for areas above ceilings where close tolerances are required between building elements and mechanical and electrical work.
3. Verify the location of utilities and existing conditions. Notify Architect of conditions differing from those indicated on the Drawings.
4. Verify dimensions on Drawings with dimensions at the Project. Do not scale drawings.

CUTTING AND PATCHING

1. Provide cutting and patching work to properly complete the Project.
2. Do not remove or alter structural components without written approval.
3. Cut with tools appropriate for materials to be cut.
4. Patch with materials and methods to produce patch which is not visible from a distance of five feet.
5. Do not cut and patch in a manner that would result in a failure of the work to perform as intended, decrease fire performance, decrease acoustic performance, decrease energy performance, decrease operational life, or decrease safety factors.

FIELD ENGINEERING

1. Verify and locate utilities, existing facilities, and equipment.
2. Survey and lay out improvements, utilities, structures, and components.

PROJECT MEETINGS

1. Arrange for a pre-construction conference prior to the start of construction. The meeting shall be attended by The Learning Experience, Owner, Architect, Contractor, and major subcontractors.
2. Arrange for progress meetings at a minimum of once a month during construction, prior to application for payment. Record minutes and distribute promptly.
3. Updates needed bi-weekly prior construction start and required weekly updates to The Learning Experience Construction Manager during active construction with progress photos and three-week look ahead schedule.

SUBMITTALS

1. The work shall be in accordance with approved submittals except that the contractor shall not be relieved of responsibility for deviations from the requirements of the Construction Drawings by the Architect's approval of shop drawings, product data, samples or similar submittals, unless the contractor has specifically notified the Architect of such deviation at the time of the submittal and the Architect has given written approval to the specific deviation as a minor change in the work or a change order or construction change directive has been issued authorizing the deviation. The contractor shall not be relieved of responsibility for errors or omissions in shop drawings, product data, samples, or similar submittals by the Architect's approval thereof.

SUBMITTALS 1.1

1.1.A. The Contractor shall submit to the Architect and The Learning Experience for review and approval all shop drawings, samples, diagrams, schedules, product data, and similar submittals required by the Contract Documents. The Contractor shall review and stamp the submittals, confirming its' accuracy and conformity to the code and licensing regulations. The Contractor shall prepare and deliver its submittals to the Architect and The Learning Experience in a manner consistent with the Project Schedule and in such time and sequence so as not to delay the performance of the construction work.

1.1.B. The review and approval of any Contractor submittal shall not be deemed to authorize deviations, substitutions, or changes in the requirements of the Contract Documents unless express written approval is obtained from The Learning Experience and the Architect, specifically authorizing such deviation, substitution, or change. In the event that the Contract Documents do not contain submittal requirements pertaining to the work, the Contractor agrees upon request to submit in a timely fashion to the Architect and The Learning Experience for review and approval by the Architect any shop drawings, samples, product data, manufacturers' literature or similar submittals as may reasonably be required by The Learning Experience.

1.1.C. Product Data submitted to include standard printed information on manufactured products and systems, including manufacturer's product specifications and installation instructions, catalog guts, standard wiring diagrams, printed performance curves.

1.1.D. The Architect shall review the Contractor's submittal schedule and shall not unreasonably delay or withhold approval of the schedule. The Architect's action in reviewing submittals shall be taken in accordance with the approved submittal schedule or, in the absence of an approved submittal schedule, with reasonable promptness white allowing sufficient time, in the Architect's professional judgement, to permit adequate review.

1.1.E. Resubmittal of documents is to comply with the requirements of the original submission, in addition:

a. Identify on transmittal form that submittal is a resubmission.
b. Make any corrections or changes in submittals required by Architect/Engineer's notations on returned submittal.
c. Respond to Architect/Engineer's notations on the transmittal or on a separate page attached to contractor's resubmission transmittal, answer or acknowledge in writing all notations or questions indicated.

SUBMITTALS 1.2

1.2.A. All documents, shop drawings, and "As-Built" drawings shall be prepared such that the drawings meet all the requirements of Local, State, and Federal regulations, codes, and directives.

1.2.B. Shop drawings, data, and samples to be checked before submitting to the Architect/Engineer for review. Each copy of the drawings and data shall bear the Contractor's stamp, showing that they have been checked.

1.2.C. The Contractor agrees to also provide as necessary, the forms, studies, and other documentation required by applicable codes and agencies. The Contractor agrees to ensure that all engineering solutions conform strictly to the guides and criteria outlined in Contract specifications. In case of uncertainty of detail or procedure, the Contractor agrees to request additional instruction from the County. The Contractor is responsible for producing complete, competent, properly coordinated, and thoroughly checked documents. At the Contractor's expense, as part of their Adjustment Factors, the documentation noted above shall be prepared and reviewed as necessary to ensure its compliance with all applicable laws and regulations.

a. Submit a project schedule and update it at least bimonthly.
b. Submit for approval all submittals, including but not limited to:
    i. Structural Steel
    ii. Roof Trusses
    iii. Roofing Materials
    iv. Rebar
    v. HVAC – equipment and controls
    vi. Fire Sprinkler
    vii. Fire Alarm
    viii. Signage
    ix. Doors & Hardware
    x. Storefront Doors & Hardware
    xi. Windows
    xii. Lighting and Controls
    xiii. Plumbing Fixtures
    xiv. Fencing & Gate Hardware
    xv. CORE Access Controls/CCTV/Security System
    xvi. Toilet Accessories
    xvii. Site Fixtures / Equipment
    xviii. Stone, Masonry, Cast Stone
    xix. Stucco / EIFS
    xx. Appliances
    xxi. Paint
    xxii. Flooring
    xxiii. Awnings
    xxiv. Canopies
    xxv. Millwork
    xxvi. Water Proofing
    xxvii. Insulation
    xxviii. Gypsum Board
    xxix. Ceilings
    xxx. FRP
    xxxi. Playfield Equipment
    xxxii. Blinds
    xxxiii. Phone System
c. Include details of construction and adjacent construction in shop drawings. Clearly indicate any deviations from requirements of the contract documents. Fabricate materials from approved shop drawing submittals only.

QUALITY ASSURANCE

1. Comply with applicable codes, regulations, ordinances, and requirements of authorities having jurisdiction and health departments, including accessibility guidelines where applicable. Submit copies of inspection reports, notices, and similar documents to Architect.
2. Provide products from acceptable manufacturers which have been in satisfactory use in a similar service for three years.
3. Use experienced installers. Furnish evidence of experience if requested.
4. Deliver, handle, and store materials in strict accordance with manufacturer's instructions.
5. Use of any supplier or subcontractor is subject to the Owner and The Learning Experience's approval.
6. Engage and pay for testing agencies as required. Refer to individual sections for additional requirements.

TEMPORARY FACILITIES

1. Provide temporary facilities and connections as required for the proper completion of the project.
2. Provide and maintain temporary utility services.
3. The Owner will pay for utility service consumed. Do not waste.
4. Provide temporary protection for adjacent areas to prevent contamination by construction dust and debris.
5. Provide temporary barricades as necessary to ensure protection of the public.
6. Provide suitable waste disposal units and empty them on a regular basis. Do not permit accumulation of trash and waste materials.
7. Provide temporary sanitary facilities.
8. Maintain egress within and around construction areas.
9. Maintain fire alarm systems in operation during construction.
10. Provide fire extinguishers in work areas during construction.
11. Provide temporary protection for adjacent construction. Promptly repair any damage at no additional cost/expense to the Owner.
12. Provide temporary lighting.
13. Provide temporary signage.

PRODUCTS AND SUBSTITUTIONS

1. Provide products and materials specified. Request Architect's selection of colors and accessories with minimum 10 business days' notice to avoid delaying progress of the work.

    a. THE LEARNING EXPERIENCE PROVIDES:
        i. The Learning Experience branded classroom signage
        ii. Toys
        iii. Kitchen supplies
        iv. Computers
        v. Office supplies (including trash cans for rooms)
        vi. Mop, broom, vacuum and holders
        vii. Tables and chairs
        viii. Finger safes
        ix. Cribs
        x. Printed materials
        xi. Voice on hold for phones
        xii. Smart Boards (Franchisee purchases)
        xiii. Laminator
        xiv. Lost & Found toy chest
        xv. Soap, sanitizer and bleach
        xvi. Sleep mats

    b. DEVELOPER PROVIDES:
        i. All appliances: washer, dryer, microwaves, refrigerators, freezer, three basin sinks, grease trap
        ii. 55" Lobby board TV provided through CDW
        iii. Security mirrors
        iv. Wire for shelving in closets
        v. Cores & keys (installed by The Learning Experience)
        vi. All internet components - router/gateway, modems, networking switch, wireless access points, ports
        vii. Soap dispensers, paper towel dispensers, toilet paper dispensers, restroom mirrors
        viii. Paper products
        ix. Picnic tables
        x. Exterior trash cans
        xi. Playground equipment
            1. including soccer nets, basketball hoop & ball (if specified)
        xii. Water feature (if specified)
        xiii. Door chime alarms on exterior doors
        xiv. Alarms on fence gates
        xv. CORE access controls on doors **(NO SUBSTITUTIONS)**
        xvi. Millwork: cubbies, cabinets, bookcases, changing tables, office furniture, office millwork and table.
        xvii. The Learning Experience branded graphics in MBB
        xviii. Phones lines and internet.
        xix. Emergency Lockdown Device from Nightlock
        xx. Night security lock
        xxi. Security system
        xxii. Emergency Buttons
        xxiii. Exterior signage
        xxiv. Test and Balance HVAC Report
        xxv. FF&E consolidation and shipping fees.
2. Requests for substitutions shall be submitted to The Learning Experience and the Architect in writing, including reasons for the substitution. Submit sufficient information for Architect to evaluate proposed substitution.
3. Remove and replace work which does not conform to the contract documents at no additional expense to the Owner.

INSTALLATION

1. Inspect substrates and report unsatisfactory conditions in writing.
2. Do not proceed until unsatisfactory conditions have been corrected.
3. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines, and angles. Provide inserts and templates as needed for the work of other trades.
4. Install materials in exact accordance with manufacturer's instructions and approved submittals.
5. Install materials in proper relation with adjacent construction and with proper appearance.
6. Restore units damaged during installation. Replace units which cannot be restored at no additional expense to the Owner.
7. Refer to additional installation requirements and tolerances specified under individual specification sections.
8. Provide thorough final cleaning inclusive of cleaning glass, waxing, and polishing floors, dusting, and vacuuming of carpets.

CLOSEOUT

Within thirty (30) days of Certificate of Occupancy, Developer / Owner / General Contractor shall:
1. Prepare a punch list for remaining work for review by the Architect and The Learning Experience.
2. Complete the punch list of items promptly at no additional expense to the Owner.
3. Submit accurate record documents of building and site.
4. Submit operating manuals, maintenance manuals, and warranty information. O&M Documents.
5. Obtain and submit a copy of occupancy permits.
6. Developer/GC to provide Franchisee/Operators with a facility walk through and training onsite at the end of the project. This should include but not be limited to all building systems, HVAC, water heaters, phone systems, CORE Access Controls, etc. Developer/GC will also provide electronic copies of all O&M and Warranties including a contact list of all subcontractors.
7. Remove temporary facilities and provide final cleaning and touch-up.
8. Restore portions of building, site improvements, landscaping and other items damaged by construction operations to the satisfaction of the Architect at no additional expense to the Owner.
9. The Developer is responsible for the CORE Access Controls until full operation/function is confirmed by center staff. If any part is failing to function, developer will have sub-contractor on site at their expense to deliver functioning system including but not limited to communication from The Learning Experience computer to CORE control board, operation of electric latches and release buttons, programming key fobs, and training of The Learning Experience staff with sub technician.

SECTION 012200
VENDORS (REQUIRED AND/OR RECOMMENDED)

The following are the approved and/or recommended vendors for The Learning Experience that are to be utilized for this project. These vendors are familiar and experienced with requirements for daycare / childcare centers in general as well as The Learning Experience's operational requirements for its centers. The General Contractor must provide each vendor listed with plans and specifications to ensure that the price quoted is all-inclusive.

If the General Contractor wishes to utilize a non-approved vendor, he must first receive written permission from The Learning Experience to do so.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL PHASES OF CONSTRUCTION SAFETY IN CONNECTION WITH THE WORK AND SHALL SAFEGUARD ALL PERSONS AND PROPERTY AT OR NEAR THE WORK SITE AND SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS. GENERAL CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNER AND USERS OF ADJACENT SITES AND UTILITIES. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ANY REGULATIONS APPLICABLE TO GENERAL CONTRACTOR'S WORK OR THE WORK OF ITS SUBCONTRACTORS.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL BEFORE USE. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM SPECIFICATIONS AND PLANS SHALL MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

Jarmel Kizel
ARCHITECTS AND ENGINEERS INC.
42 CONNER PARKWAY
LIVINGSTON, NEW JERSEY 07039
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3284 WEST 1ST ST
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PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-201

This document contains confidential and proprietary information belonging to The Learning Experience ("The Learning Experience"). The information herein is provided solely to allow the receiving party to obtain bids/pricing and pricing from a licensed contractor. It does not represent the intended design, construction. No other use is permitted. The information herein shall not be shared, distributed, or disclosed to any third parties without the express written consent of disclosing party, except to employees, officers and advisors of the receiving party who have a legitimate need to access this information.

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2024.V24.06 PROTOTYPE

ACOUSTICAL CEILINGS (REQUIRED)

Armstrong Ceilings
Attn: Cheryl B. Smith
Ph: (800) 442-4212
Cbsmith@armstrongceilings.com

Armstrong Ceilings are part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

AWNINGS (REQUIRED)

Hudson Awnings and Sign Co.
27 Cottage Street
Bayonne, NJ 07002
Attn: Diana Wetchkus
Ph: (800) 624-1012 ext. 206
Dwetchkus@hudsonawning.com

Allow approximately four (4) weeks from confirmed measurements/approved shop drawings. Deposit required.

BATHROOM ACCESSORIES

Staples
Attn: Anthony "Tony" Mince
Ph: (734) 452-4743
Anthony.mince@staples.com

CCTV and ACCESS CONTROL

ONPOINT Security and Video
153B Brozzini Court
Greenville, SC 29615
Attn: Matt Fisher
Ph: (864) 712-0160
Ph: (864) 201-0302 Mobile
Mattfisher@onpointsecuritysc.com

IC Realtime
Attn: Jerrold Effron, Vice President of Operations
Ph: (954) 990-1004
Jerry@icrealtime.com

Provide approximately one (1) months' notice for rough wiring installation.

DATA, COMMUNICATIONS, and LOW VOLTAGE (REQUIRED)

ONPOINT Security and Video
153B Brozzini Court
Greenville, SC 29615
Attn: Matt Fisher
Ph: (864) 712-0160
Ph: (864) 201-0302 Mobile
Mattfisher@onpointsecuritysc.com

American Business Communications, Inc.
141 South State Street
Hackensack, NJ 07601
Attn: Bill Gollub
Ph: (201) 488-3500 x 202
Fax: (201) 488-5588
www.abcnj.com
Billg@abcnj.com

Provide approximately one (1) months' notice for rough wiring installation.

EMERGENCY LOCKDOWN DEVICE

NIGHTLOCK
Attn: Shane Burr
Ph: (855) 644-4856
www.nightlock.com
Shane@nightlock.com

FIBER and PHONE LINES (REQUIRED)

D&M Enterprise Group
Attn: Lynda Kopelakis
Attn: Patrick Ammirati
Ph (Office): (732) 335-5510
Ph (Direct): (732) 391-6071
Fax: (732) 335-5523
Pammirati@dmenterprise.net
Lynda@dmenterprise.net

FLOORING – CARPET and LVT (REQUIRED)

Interface National Account
Attn: William Sanchez
Ph: (754) 243-3729
William.Sanchez@interface.com

Stock Hold No.: 3141
For orders reach out to TLE@interface.com

Allow approximately four (4) weeks from time of deposit.

Note: It is required to purchase the carpet and LVT from Interface National Account to obtain The Learning Experience pricing, no substitutions.

HORIZONTAL LOUVER BLINDS (REQUIRED)

Budget Blinds Corporate Office
Budget Blinds, LLC
19000 MacArthur Boulevard, Suite. 100
Irvine, CA 92612
Attn: Angela Carswell
Ph: (949) 404-1140

Horizonal louver blinds are part of an owner-directed prototype package. Please contact the vendor about pricing and general questions. No substitutions allowed.

HVAC UNITS (REQUIRED)

Trane National Account
2301 Lucien Way Ste 430
Maitland, FL 32751
Attn: Chris St. John, LEED AP
Ph: (407) 325-7123 Mobile
Csstjohn@trane.com

Lennox National Account
Attn: Terry Buchanan
Lennoxnationalaccounts@lennoxind.com

INFANT WALL BARRIER SYSTEMS (REQUIRED)

KYDZ Suite by Jonti-Craft, Inc.
171 Highway 68, P.O. Box 30
Wabasso, MN 56293
Ph: 800-543-4149
Fax: 507-342-5617
www.KYDZSuite.com

Infant wall barrier systems are part of an owner-directed prototype package. Please contact the vendor about pricing and general questions. No substitutions allowed.

LIGHTING and SWITCHGEAR (REQUIRED)

CED National Account
Attn: Ray Sefcik, Jr.
Ph: (817) 929-8191
Ray.sefcik@CED.com

Lighting and Switchgear are part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

LOCKSMITH (REQUIRED)

ND Security
134 E. Shore Road
Denville, NJ
Attn: Nick DeSalvo
Ph: (973) 625-5602
Nick@ndsecuritycompany.com
NDsecurity@hotmail.com

Cores are part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

MAIN ENTRY CANOPY

MAPES Canopies
Attn: Adam Bradfield
Ph: (531) 530-2042
ABradfield@mapes.com

MILLWORK (REQUIRED)

Rodgers Wade
1401 SW 3rd Street
Paris, TX 75460
Attn: Brad Ashmore
Ph: (903) 783-3680
Fax: (903) 739-2505
TeamTLE@rodgerswade.com

Allow approximately ten (10) weeks from deposit/measured at frame.

Cabinets, shelves, and millwork are part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

PAINT (REQUIRED)

Sherwin Williams
Attn: Glenn Remler, Architectural Account Executive
Ph: (954) 547-1217
Glenn.J.Remler@Sherwin.com

PHONE SYSTEMS and THE INTERNET (REQUIRED)

D&M Enterprise Group
Attn: Lynda Kopelakis
Attn: Patrick Ammirati
Ph (Office): (732) 335-5510
Ph (Direct): (732) 391-6071
Fax: (732) 335-5523
Pammirati@dmenterprise.net
Lynda@dmenterprise.net

ONPOINT Security and Video
153B Brozzini Court
Greenville, SC 29615
Attn: Matt Fisher
Ph: (864) 712-0160
Ph: (864) 201-0302 Mobile
Mattfisher@onpointsecuritysc.com

American Business Communications, Inc.
141 South State Street
Hackensack, NJ 07601
Attn: Bill Gollub
Ph: (201) 488-3500 x 202
Fax: (201) 488-5588 Fax
Billg@abcnj.com
www.abcnj.com

Phone Systems and Internet are part of an owner-directed prototype package. Please contact the National Account vendors about pricing and general questions. No substitutions allowed.

Provide approximately one (1) months' notice for rough wiring installation.

PLAYFIELD EQUIPMENT AND STRUCTURES (REQUIRED)

Horizon Concepts, Inc
231 Broadway
Huntington, NY 11743
Attn: James Hines
Ph: (631) 271-1963
Cell: (516) 864-1522
Jhines@horizonconceptsinc.net

Allow approximately eight (8) weeks from deposit. Substitution must be approved by The Learning Experience.

RECEPTION TV, SOFTWARE AND LICENSING (REQUIRED)

CDW
Ph: (813) 462-4042
www.cdw.com
Thelearningexperience@cdw.com

Audio-Visual Equipment is part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

SECURITY and FIRE

ONPOINT Security and Video
153B Brozzini Court
Greenville, SC 29615
Attn: Matt Fisher
Ph: (864) 712-0160
Ph: (864) 201-0302 Mobile
Mattfisher@onpointsecuritysc.com

Dynamic Protection Systems, Inc.
275 Lincoln Blvd., Suite 2
Middlesex, NJ 08846
Attn: Len Derasmo
Ph: (732) 805-3000
Len@trustdps.com
Note: Recommended for New Jersey, Pennsylvania, New York, and Connecticut.

SIGNAGE (REQUIRED)

Identiti Resources, LTD.
Attn: Ashely Cox
Ph: (847) 805-6682
ACox@identiti.net

Developer / General Contractor must use required vendor and shall engage Identiti at the onset of the project to ensure prices are locked in and the installation date is secured in Identiti's database.

Allow approximately sixteen (16) weeks from time of deposit.

WALL GRAPHICS (REQUIRED)

WM Printing
Attn: Kelsey Hout
Ph: (561) 305-7027
TLE@wmprinting.com

The Identity Group
Attn: Brett Wolfgram
Ph: (207) 831-3766
TLE@theidentitygroup.com

Allow approximately six (6) weeks from time of deposit. Final payment required prior to shipping. Typically installed within the last month of construction.

Note: No devices (outlet, thermostats etc.) on any walls receiving graphics.

SECTION 033000
CAST-IN-PLACE CONCRETE

REFER TO STRUCTURAL DRAWINGS FOR NOTES AND SPECIFICATIONS.

SECTION 042000
UNIT MASONRY

SUMMARY

1. Provide Unit Masonry Construction
   a. Brick veneer on wood studs.
   b. Concrete block bearing walls and non-bearing partitions.
   c. Freestanding site masonry walls.

SUBMITTALS

1. Submit product data, samples, shop drawings.

PRODUCTS

1. As selected by Architect complying with the following:
2. Face Brick:
   a. Standard size, 3-5/8 inches thick by 2-1/4 inches high by 8 inches long.
   b. Grade: ASTM C 216, Grade SW, severe weathering type areas subject to freeze-thaw and ASTM C 216, Grade MW, moderate weathering type elsewhere.
   c. Bond Pattern: Running bond pattern, unless otherwise specified. Refer to A-051.
3. Thin Brick Veneer:
   a. Size: refer to A-051 for types and size.
   b. Grade: ASTM C 216, Grade SW, severe weathering type areas subject to freeze-thaw and ASTM C 216, Grade MW, moderate weathering type elsewhere.
   c. Bond Pattern: Running bond pattern, unless otherwise specified. Refer to A-051.
4. Concrete Masonry Units:
   a. Concrete Masonry Units: ASTM C 90, f'm= 2000psi compressive strength, normal weight.
   b. Size: Face dimensions of 7-5/8 inches high by 15-5/8 inches long by width required for application.
   c. Bond Pattern: Running Bond.
5. Fire Brick and Clay Flue Linings: ASTM C 27, medium duty fire brick, and ASTM C 315 clay flue linings; ASTM C 199 refractory mortar.
6. Mortar and Grout:
   a. Mortar Mix: ASTM C 270, Type S, for reinforced masonry, masonry below grade and masonry in contact with earth and ASTM C 270, Type N, for above-grade loadbearing and nonloadbearing walls and parapet walls and for interior loadbearing and nonloadbearing partitions.
   b. Mortar Materials: Portland cement, ASTM C 150, Type I or II
   c. Mortar Aggregate: Natural color, ASTM C 144.
   d. Grout Aggregate: ASTM C 404.
   e. Hydrated Lime: ASTM C 207, Type S.
   f. Color: Natural color.
7. Reinforcing Steel:
   a. Reinforcing Bars: ASTM A 615, Grade 60.
   b. Deformed Reinforcing Wire: ASTM A 496.
   c. Plain Welded Wire Fabric: ASTM A 185.
8. Joint Reinforcing: Welded wire with deformed side rods.
   a. Steel Wire: 9 gage (.1875 inch) stainless steel wire.
   b. Type: Ladder type.
9. Ties and Anchors:
   a. Bent Wire Ties: Galvanized steel.
   b. Rigid Anchors: Galvanized steel straps.
10. Masonry Accessories:
   a. Nonmetallic expansion joint strips.
   b. Preformed control joint gaskets.
   c. Bond breaker strips.
   d. Weep sash and tubes.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with PCA Recommended Practices for Laying Concrete Block, Brick Institute of America Tech Notes, and NCMA TEK Bulletins.
3. Comply with cold weather and warm weather protection procedures as recommended in BIA Tech Notes.
4. Provide fire-rated assemblies complying with ASTM E 119.
5. Sawcut units when required. Maintain uniform joint width. Provide full bed, head, and collar joints except at weepholes.
6. Install lintels and accessories in masonry construction.
7. Coordinate installation of flashings.
8. Comply with applicable codes and regulations for spacing of ties and horizontal reinforcing.
9. Provide expansion and control joints in accordance with referenced publications.
10. Remove and replace damaged units.
11. Clean brick using bucket and brush method, BIA Tech Note 20.
12. Clean concrete masonry by dry brushing, NCMA TEK No. 28.

SECTION 047200
CAST STONE

SUMMARY

1. Provide Masonry Veneer Construction:
   a. Thin Stone on studs
   b. Cast stone on studs

SUBMITTALS

1. Submit product data, samples, shop drawings.

PRODUCTS

1. Thin Stone
   a. Size: refer to A-051 Material Schedule
   b. Grade: ASTM C 1364
2. Full depth stone
   a. Size: refer to A-051 Material Schedule
   b. Grade: ASTM C1364
3. Mortar and Grout:

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM SPECIFICATIONS AND PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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NO.	DESCRIPTION	DATE

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NO.	DESCRIPTION	DATE
01	FOR TLE REVIEW	02-28-25

TLFL24-305
PROJECT NUMBER
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PROFESSIONAL CERTIFICATION

SPEC. SHEET

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2024.V24.06 PROTOTYPE

4. Mortar Mix: ASTM C 270, Type S, for reinforced masonry, masonry below grade and masonry in contact with earth and ASTM C 270, Type N, for above-grade loadbearing and nonloadbearing walls and parapet walls and for interior loadbearing and nonloadbearing partitions.
    a. Mortar Materials: Portland cement, ASTM C 150, Type I or II
    b. Mortar Aggregate: Natural color, ASTM C 144.
    c. Grout Aggregate: ASTM C 404.
    d. Hydrated Lime: ASTM C 207, Type S.
    e. Color: Natural color.
5. Ties and Anchors: per manufacturer's requirements
    a. Galvanized steel.
6. Masonry Accessories:
    a. Nonmetallic expansion joint strips.
    b. Preformed control joint gaskets.
    c. Bond breaker strips.
    d. Weep sash and tubes.
7. Sealant: as specified in section 079000

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with Concrete Masonry Veneers NCMA TEK Bulletins.
3. Comply with cold weather and warm weather protection procedures as recommended in BIA Tech Notes.
4. Sawcut units when required. Maintain uniform joint width. Provide full bed of mortar, and vertical joints except at weep holes.
    a. Do not use pry bars or other equipment in a manner that could damage units.
5. Leave head joints in copings and similar components open for sealant.
6. Use Type N mortar (ASTM C 270), unless specified otherwise.
7. Install lintels and accessories in masonry construction.
8. Coordinate installation of flashings.
9. Sealant Joints
    a. As specified in Section 07900.
    b. Prime ends of units, insert properly sized backing rod, and install sealant.
    c. Provide sealant joints at the following locations:
        i. Copings and cast stone units with exposed tops.
        ii. Joints at relieving angles.
        iii. Control and expansion joints.
        iv. As indicated on the drawings.
10. Provide expansion and control joints in accordance with referenced publications.
    NCMA TEK Bulletin 10-1A & 10-2C
11. Remove and replace damaged units.
12. Clean stone per manufacturer's specifications.

SECTION 055000
METAL FABRICATIONS

SUMMARY

1. Provide metal fabrications:
    a. Rough hardware
    b. Steel ladder to roof access hatch
    c. Handrails and railings.
    d. Loose bearing and leveling plates
    e. Loose steel lintels
2. Tolerances:
    a. Fabrication tolerance: 1/8 inch in 10 feet
    b. Erection tolerance: 1/16 inch

SUBMITTALS

1. Submit product data & shop drawings.

PRODUCTS

1. Steel plates, shapes, and bars: ASTM A 36
2. Steel tubing: ASTM A 500 or A 501
3. Steel pipe, black finish: ASTM A 53
4. Stainless steel bar stock: ASTM A 276, Type 302 or 304
5. Stainless steel plate: ASTM A 167, Type 302 or 304
6. Stainless steel tubing: ASTM A 554, Grade TP 304 or TP 316
7. Aluminum extruded bars and shapes: ASTM B 221 aluminum alloy.
8. Steel finish: primed finish
9. Fasteners: non-corrosive, suitable for service intended
10. Zinc coating: hot-dip galvanized coating for materials in exterior assemblies or exterior walls.
11. Aluminum finish color: anodized finish
12. Stainless steel finish: number 6 satin directional polish

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with ASTM E 985 for handrail and railing structural performance.
3. Comply with AISC codes and specifications and with AWS Structural Welding Code.

SECTION 061000
ROUGH CARPENTRY

SUMMARY

1. Provide rough carpentry:
    a. Framing with dimensional lumber
    b. Framing with engineered wood products
    c. Framing with timbers
    d. Wood grounds, nailers, and blocking
    e. Wood furring
    f. Backing panels
    g. Sheathing
    h. Subflooring
    i. Underlayment
    j. Remodel existing rough carpentry

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Lumber Standards and Grade Stamps: PS 20, American Softwood Lumber Standard, and inspection agency grade stamps.
2. Construction Panel Standards: PS 1, U.S. Product Standard for Construction, and Industrial Plywood; APA PRP-108.
3. Wood Framing Standards: NFPA House Framing Manual.
    a. Exterior Wall Framing: refer to Structural drawings for notes and specifications.
    b. Interior Wall Framing: 2-inch by 4-inch studs, 16 inches on center.
    c. Interior Wall Framing: 2-inch by 6-inch studs, 16 inches on center.
4. Preservative Treatment: AWPA C2 for lumber and AWPA C9 for plywood; waterborne pressure treatment, preservative retention [0.25] [0.40] [2.5] pcf.
5. Fire-Retardant Treatment: AWPA C20 for lumber and AWPA C27 for plywood; noncorrosive type.
6. Dimension Lumber:
    a. Light Framing: Stud, No. 3 or Standard grade.
    b. Structural Framing: refer to Structural drawings for notes and specifications.
    c. Species: Any species of grade indicated.
    d. Exposed Framing: Appearance grade.
7. Boards:
    a. Exposed Boards: 15 percent moisture content.
    b. Concealed Boards: 19 percent moisture content.
8. Miscellaneous Lumber, Blocking and Nailers:
    a. Moisture Content: 19 percent.
    b. Grade: Standard grade light framing.
9. Engineered Wood Products:
    a. Refer to Structural drawings for notes and specifications.
10. Construction Panels:
    a. Combination Subfloor-Underlayment: APA Sturd-I-Floor,
    b. Subflooring: APA Sheathing, Exterior.
    c. Wall Sheathing: APA Sheathing, Exterior sheathing.
    d. Roof Sheathing: APA Sheathing, Exterior sheathing.
    e. Plywood Backing Panels: APA C-D Plugged Exposure 1 with exterior glue, fire-retardant treated.
    f. Plywood Underlayment for Resilient Flooring: APA Underlayment Exterior.
    g. Construction Panel Underlayment for Resilient Flooring: APA Sturd-I-Floor, Exterior.
    h. Construction Panel Underlayment for Ceramic Tile: APA Sturd-I-Floor, Exposure 1.
    i. Plywood Underlayment for Carpet: APA Underlayment Exposure 1.
11. Auxiliary Materials:
    a. Felt Air Infiltration Barrier: Asphalt-saturated organic felt, ASTM D 226, Type I, No. 15 felt, unperforated.
    b. Polyethylene Air Infiltration Barrier: High density polyethylene.
    c. Polyolefin Air Infiltration Barrier: Woven polyolefin sheet.
    d. Sill Sealer Gaskets: Glass fiber strip resilient insulation.
    e. Framing Anchors and Fasteners: Non-corrosive, suitable for load and exposure.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with NFPA Manual for House Framing, NFPA Recommended Nailing Schedule, and NFPA National Design Specifications for Wood Construction.
3. Comply with APA Design and Construction Guide, Residential and Commercial Construction.
4. Provide nailers, blocking, and grounds where required. Set work plumb, level, and accurately cut.
5. Comply with manufacturer's requirements for treated materials.

SECTION 061753
WOOD TRUSSES

REFER TO STRUCTURAL DRAWINGS FOR NOTES AND SPECIFICATIONS.

SECTION 064013
EXTERIOR ARCHITECTURAL WOODWORK

SUMMARY

1. Provide exterior architectural woodwork:
    a. Standing and running trim and rails
    b. Ornamental items

SUBMITTALS

1. Submit product data, samples, & mockup of each type

PRODUCTS

1. AWI Standards: Architectural Woodwork Institute (AWI) "Architectural Woodwork Quality Standards"
2. WIC Standards: Woodwork Institute of California (WIC) "Manual of Millwork"
3. Preservative Treatment: non pressure method, exterior type, NWWDA I.S. 4
4. Fire-Retardant Treatment: AWPA C20 for lumber and AWPA C27 for plywood; noncorrosive exterior type
5. Exterior Standing and Running Trim and Rails:
    a. Species for opaque finish: white pine or sugar pine
    b. Grade: Premium
    c. Texture: Surfaced all sides
    d. Finish: Paint
6. Exterior Ornamental Items:
    a. Species for opaque finish: white pine or sugar pine
    b. Grade: premium
    c. Finish: paint
7. Auxiliary materials:
    a. Nails: stainless steel, aluminum, or hot dip galvanized siding nails.
    b. Screws and Anchors: noncorrosive, type required for secure anchorage.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with the standards referenced.
3. Backprime work before installation.
4. Provide trim for scribing and site cutting.
5. Install work plumb, level and in proper alignment.
6. Provide work free from tool marks and blemishes.
7. Securely fasten to substrates.
8. Install in lengths to minimize joints and seams.
9. Color match wood for transparent finish at joints for uniform appearance.
10. Touch-up damaged or abraded finishes.

SECTION 071113
BITUMINOUS DAMPPROOFING

SUMMARY

1. Provide bituminous dampproofing where specified in drawings:
    a. Exterior surfaces of foundation walls.
    b. Exterior of interior wythe at cavity walls.
    c. Interior surfaces.

SUBMITTALS

1. Submit product data

PRODUCTS

1. Hot-Applied Asphalt Dampproofing:
    a. Materials and Application: Dampproofing asphalt, ASTM D 449, Type I.
    b. Protection Course: Compatible with dampproofing.
2. Cold-Applied Cut-Back Asphalt Dampproofing:
    a. Trowel grade, ASTM D 4586, Type I.
    b. Semimastic grade, ASTM D 4479, Type I.
    c. Spray grade, ASTM D 4479, Type I.
    d. Protection Course: Compatible with dampproofing.
3. Cold-Applied Asphalt Emulsion Dampproofing:
    a. Trowel grade, ASTM D 1187, Type I, or ASTM D 1227, Type III or IV.
    b. Semimastic grade, ASTM D 1227, Type III or IV.
    c. Spray grade, ASTM D 1227, Type III or IV.
    d. Protection Course: Compatible with dampproofing.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.

SECTION 071353
ELASTOMERIC SHEET WATERPROOFING

SUMMARY

1. Provide elastomeric sheet waterproofing systems where specified in drawings:
    a. Ice and water shield underlayment.

SUBMITTALS

1. Provide twenty (20) years, no dollar limit, manufacturer's warranty.
2. Submit product data and warranty.

PRODUCTS

1. EPDM Sheet Waterproofing: Ethylene propylene diene monomer sheets, 0.060-inch thick, tensile strength 1400 psi, ASTM D 412, ASTM D 6134
2. Alternates (submit product data to Architect for review and approval):
    a. Rubberized Asphalt Sheet Waterproofing: Self-adhering rubberized asphalt and polyethylene sheet membrane, 60 mil thick, tensile strength 250 psi.
    b. Butyl Sheet Waterproofing: Synthetic butyl rubber sheets, 60 mil thick, tensile strength 1200 psi, ASTM D 412.
    c. Butyl Rubber Sheet Waterproofing: Self-adhering butyl rubber and polyethylene sheet membrane, 60 mils thick, tensile strength 400 psi).
    d. Bituminous Sheet Waterproofing: Pre-molded 7-ply bituminous sheet waterproofing, 60 mils thick.
3. Flashing Materials and Protection Board: Compatible with membrane waterproofing.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.

SECTION 072100
BUILDING INSULATION

SUMMARY

1. Provide Building Insulation and Vapor Retarders:
    a. Under slabs-on-grade, board type
    b. Foundation walls, board type
    c. Thermal insulation in exterior cavity walls, board type
    d. Thermal insulation in masonry cells, loose fill type
    e. Thermal insulation in exterior walls, blanket type
    f. Thermal insulation at underside of roofs, over heated spaces and over soffits, blanket type
    g. Thermal insulation over unheated areas, blanket type
    h. Acoustic insulation at interior partitions, blanket type
    i. Firesafing insulation, board or blanket type
    j. Sheet vapor retarders

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Board Insulation:
    a. Extruded polystyrene, rigid, ASTM C 578.
    b. Molded expanded polystyrene, rigid, ASTM C 578.
    c. Phenolic board, rigid.
    d. Polyisocyanurate board, rigid, FS HH-I-1972/1, Class 2.
    e. Cellular glass, rigid, ASTM C 552, Type I.
    f. Glass fiber board, semi-rigid, ASTM C 553, Class B-4.
    g. Glass fiber board, foil-faced, semi-rigid or rigid, ASTM C 553.
    h. Semi-refractory fiber board, semi-rigid or rigid, ASTM C 612.
    i. Firesafing semi-refractory fiber board, semi-rigid, ASTM C 612, Class 1 and 2.
2. Vapor Retarder: Integral vapor retarder as required for application.
3. Blanket/Batt Insulation:
    a. Glass fiber or mineral slag fiber, ASTM C 665, Type I unfaced.
    b. Glass fiber or mineral slag fiber, ASTM C 665, Type III foil-faced vapor-retarder membrane.
4. Loose Fill Insulation:
    a. Loose granular perlite, ASTM C 549, Type II.
    b. Loose granular vermiculite, ASTM C 516, Type II.
    c. Loose glass fiber insulation, ASTM C 764.
5. Vapor Retarder (Not Integral with Insulation):
    a. Polyethylene, ASTM D 4397, 6 mils, 0.13 perm vapor transmission rating.
    b. Reinforced 2-ply polyethylene, 6 to 8 mils.
    c. Reinforced 3-ply polyethylene, 10 to 12 mils.
    d. Metal foil/polyester film, 0.5 mil polyester film laminated to 1.0 mil aluminum foil.
6. Accessories:
    a. Adhesives and mechanical anchors.
    b. Protection board.
    c. Crack sealers and tapes.
7. Sheet Radiant Barrier: ASTM C 1313, foil on one side, flame spread index of 25 or less, and water-vapor transmission of 1 perm, maximum.
8. Eave Ventilation Troughs: Provide Raft-R-Mate by Owens Corning or approved equal applied to underside of roof sheathing between truss/roof rafters, to maintain airway from eaves to ridge. Install per manufacturer's specifications.
9. Impaling pins to secure roof insulation to the underside of roof sheathing as shown on drawings. Pins to be by Gemco, by Thomas Welding Systems or approved equal, 2" x 2" perforated base with impaling pin as required up to 16" in length. Insulation to be held in place using 2 ½" X 2 ½" self-locking washers. Install per manufacturer's specifications.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Install insulation and vapor barriers with continuous coverage to provide optimum performance.

SECTION 072400
EXTERIOR INSULATION AND FINISH SYSTEMS

SUMMARY

1. Provide Exterior Insulation and Finish Systems (EIFS):
    a. Applications over concrete surfaces
    b. Applications over masonry surfaces
    c. Applications over gypsum sheathing

SUBMITTALS

1. Submit product data, samples, shop drawings, 4-foot by 4-foot mockup, and warranty.

PRODUCTS

1. As selected by Architect, complying with the following:
2. Finish Coating over Molded Polystyrene Board:
    a. Type: EIMA Class PB.
    b. Base Coat: Portland cement and polymer adhesive.
    c. Finish Coat: Polymer emulsion.
    d. Thermal Insulation: Molded rigid cellular polystyrene.
    e. Adhesive Attachment: Adhesive.
    f. Mechanical Attachment: Mechanical fasteners, corrosion resistant.
    g. Reinforcing Fabric: Standard weight with high-impact type at areas subject to damage.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE WITH ALL WORK CONTRACTED FOR, INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCES, PROCEDURES AND SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE SPECIFICATIONS AND CONSTRUCTION PLANS SHALL MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

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REVISION

NO.	DATE	DESCRIPTION

ISSUE

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01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
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2024.V24.06 PROTOTYPE

3. Finish Coating over Extruded Polystyrene Board:
   a. Type: EIMA Class PM.
   b. Base Coat: Portland cement, glass fibers, and polymer emulsion.
   c. Polymer Topcoat: Polymer-modified Portland cement.
   d. Acrylic Topcoat: Acrylic emulsion.
   e. Thermal Insulation: Extruded rigid cellular polystyrene
   f. Attachment: Mechanical fasteners, corrosion-resistant
   g. Reinforcing Fabric: Standard weight.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Provide impact-resistant reinforcement at areas subject to abuse.
3. Wrap edges of insulation board with fabric and finish coating at reveals and sealant joints.

SECTION 073113
ASPHALT SHINGLES (IF SPECIFIED)

SUMMARY

1. Provide shingles for roofing applications.
2. Provide shingles for siding applications.

SUBMITTALS

1. Submit product data, samples, and thirty (30) year manufacturers' warranty.

PRODUCTS

1. Products: GAF Timberline HD 30-Year Architectural dimensional shingles
   a. Shingle color: refer to drawing A-051
   b. Square tab, fiberglass strip shingles
   c. Square tab, organic-felt strip shingles
   d. Heavyweight, laminated, organic felt strip shingles
   e. Staggered-butt-edge, fiberglass strip shingles with tabs
   f. Staggered edge, fiberglass shingles
   g. Accessories: hip and ridge shingles; felt, ASTM D 226; rubberized asphalt perimeter underlayment; metal flashing and drip edge
   h. Accessories: hip and ridge tiles; felt, ASTM D 226; rubberized asphalt perimeter underlayment; metal flashing and drip edge
2. Fasteners: noncorrosive and non-staining
3. Accessories: snow guards

SECTION 074646
FIBER CEMENT SIDING (IF SPECIFIED)

SUMMARY

1. Provide siding for exterior walls.

SUBMITTALS

2. Submit product data, samples, and manufacturer's warranty.

PRODUCTS

1. Products: HardiePlank, HardiePanel, HardieTrim fascia and moulding
2. HardiePlank siding: non-asbestos fiber cement siding to comply with ASTM Standard Specification C1186 Grade II, Type A
   a. Color: as specified in exterior finish schedule on drawing A-051
3. Siding Auxiliary Materials:
   a. For metal construction: exposed fasteners: 1 1/4" No. 8 x 0.375" head corrosion-resistant S-12 ribbed buglehead screws
   b. For wood construction: 0.089" shank x 0.221" head x 1 1/2" corrosion-resistant siding nails
4. Solid soffit panels:
   a. Color: as specified in exterior finish schedule on drawing A-051
   b. Ventilating soffit panels
   c. Corner posts and trim
   d. Door and window casings
   e. Closure trim

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Coordinate the siding installation with flashings to shed water properly.
3. Backprime work before installation.
4. Install work plumb, level, and in proper alignment.
5. Provide work free from tool marks and blemishes.
6. Securely fasten to substrates.
7. Install in lengths to minimize joints and seams.
8. Store and install material according to manufacturer's specifications.

SECTION 075400
THERMOPLASTIC POLYOLEFIN MEMBRANE ROOFING SYSTEM (TPO)

SUMMARY

1. Manufacturer: Elevate (or approved equal)
2. Basis of Design: 60 Mil., Singly-Ply Thermoplastic Polyolefin Membrane Roofing System, Mechanically Fastened. Color: White

SUBMITTALS

1. Provide twenty (20) years, no dollar limit, manufacturer's warranty.
2. Submit product data and warranty.

PRODUCTS

1. Elevate Rubbergard (or approved equal)
2. Membrane roofing: 60 Mil. TPO roofing system
3. Tapered insulation: ASTM C 1289, provide factory-tapered insulation boards fabricated to slope of 1/2" PER 12".
4. Flexible walkway pads: Factory-formed, nonporous, heavy-duty, slip-resisting, surface-textured walkway pads sourced from membrane roofing system manufacturer.
5. Fasteners and accessories: Manufacturer's standard fasteners and accessories for proposed insulation depth and roof slope.

SECTION 076200
FLASHING AND SHEET METAL

SUMMARY

1. Provide flashing and sheet metal:
   a. Metal counterflashing and base flashing
   b. Exterior wall flashing and expansion joints
   c. Built-in metal valleys, gutters, and scuppers
   d. Gutters and Downspouts
   e. Exposed metal trim and fascia units
   f. Elastic flashing
   g. Elastic roof and wall expansion joint systems
   h. Laminated composition flashing
   i. Sheet metal accessories
   j. Ridge vents
   k. Soffit vents

SUBMITTALS

1. Submit product data, samples, & shop drawings

PRODUCTS

1. Sheet metal flashing and trim:
   a. Zinc-coated steel: ASTM A 526, G90 hot-dip galvanized, 20 gage (0.0359 inch)
   b. Stainless steel: AISI Type 302/304, ASTM A 167, 2D annealed finish, 28 gage (0.0156 inch)
   c. Copper: ASTM B 370, 16 ounces per square foot
   d. Lead-coated copper: ASTM B 370, copper, 16 ounces per square foot and 0.06 pounds per square foot lead coating (both sides)
   e. Sheet aluminum: ASTM B 209, alloy 3003, clear anodized, 20 gage (0.0359 inch)
   f. Extruded aluminum: 6063-T52, clear anodized, 0.080 inches for primary legs of extrusion
2. Flexible sheet membrane flashing: non-reinforced flexible black elastic sheet, 50 to 65 mils thick, butyl synthetic rubber sheet
3. Laminated composition sheet flashing: 3-ounce copper sheet laminated between 2 layers of bituminous impregnated Kraft paper or saturated fabric
4. Fabricated units: compliance with SMACNA Architectural Sheet Metal Manual
5. Elastic expansion joints: factory-fabricated metal-flanged edges to fit curbs and curb substrate
6. Ridge vents: baffled aluminum ridge vent, suitable for direct application of shingles
7. Soffit vents: continuous aluminum strip vents
8. Auxiliary materials:
   a. Solder compatible with metal
   b. Bituminous isolation coating
   c. Mastic and elastomeric sealants
   d. Epoxy seam sealer
   e. Rosin-sized building paper slip sheet
   f. Polyethylene underlayment
   g. Reglets and metal accessories
   h. Gutter and conductor head guards
   i. Asphaltic roofing cement

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Install flashing and sheet metal with provision for expansion and contraction.
3. Install flashing and sheet metal to shed water properly.
4. Install gutters and downspouts to drain water properly.
5. Isolate dissimilar metals with bituminous coating.

SECTION 077200
ROOF ACCESSORIES

SUMMARY

1. Provide roof curbs and equipment supports.
2. Provide roof hatches.
3. Provide low profile gravity ventilators.
4. Provide ridge vents.

SUBMITTALS

1. Submit product data, samples, & shop drawings

MATERIALS

1. Aluminum sheet: ASTM B 209 (ASTM B 209M), alclad alloy 3005H25, or alloy and temper required to suit forming operations, with mill finish unless otherwise indicated
2. Extruded Aluminum: ASTM B 221 (ASTM B 221M), Alloy 6063-T52, or alloy and temper required to suit structural and finish requirements, with mill finish unless otherwise indicated
3. Galvanized sheet steel: ASTM A 653/A 653 M, G90 (Z275)

ROOF CURBS AND EQUIPMENT SUPPORTS

1. Fabricate from 0.0747 inch (1.9) galvanized structural steel; factory primed and prepared for painting with welded or sealed mechanical corner joints 0.063 inch (1.6 mm) thick, sheet aluminum with welded corner joints.

PRODUCTS

1. As noted on drawings
2. Provide units with cant strips and base profile coordinated with roof insulation thickness and roof deck slope
3. Provide preservative-treated wood nailers at the tops of curbs
4. Provide manufacturer's standard rigid or semi-rigid insulation

ROOF HATCHES

1. Fabricated from galvanized structural-steel sheet with 9-inch (225 mm) high, integral-curb, double-wall construction with 1 1/2" (38 mm) insulation, formed cants and cap flashing, with welded or sealed mechanical corner joints. Provide double wall cover (lid) construction with 1 inch (25 mm) thick insulation core. Provide gasketing and corrosion-resistant hardware including pintle hinges, hold open devices, interior padlock hasps, and both interior and exterior latch handles

PRODUCTS

1. Bilco Roof Hatch
   a. Single leaf roof scuttle Type E-20 - Size 3'-0" x 3'-0"
2. Bil-Guard 2.0 Safety Railing System

LOW-PROFILE GRAVITY VENTILATORS

1. Fabricated from galvanized steel sheet with baked-enamel finish. Provide units with integral double-wall aluminum curb, with minimum 1 inch (25 mm) thick, glass-fiber board insulation, and with minimum 3-inch (75 mm) roof flanges. Provide bird screens fabricated from 1/2-inch (13 mm) square mesh, 0.062 (1.6 mm) diameter, stainless-steel wire.

RIDGE VENTS

1. Provide aluminum, set on type ridge vents.
2. Finish: high performance organic coating.

SECTION 078100
FIREPROOFING (IF SPECIFIED)

SUMMARY

1. Provide fireproofing for new building structures.
2. Patch fireproofing disturbed by remodeling operations.

SUBMITTALS

1. Submit product data and test reports.

PRODUCTS

1. Fire performance: ASTM E 119 and local regulations
2. Cementitious type for concealed use: 15 pounds per cubic foot dry density, ASTM E 605
3. Mineral fiber type for concealed use: 15 pounds per cubic foot dry density, ASTM E 605
4. Exposed sprayed-on fireproofing: medium density type, cementitious type.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Inspect existing and new structural members for proper fireproofing prior to close-in of ceilings and walls.
3. Provide material thicknesses necessary to provide fire resistance ratings indicated or required by authorities having jurisdiction.

SECTION 079200
JOINT SEALANTS

SUMMARY

1. Provide joint sealers at interior and exterior vertical and horizontal joints

SUBMITTALS

1. Submit product data, mockup of each joint type, & adhesion test results for each joint type

PRODUCTS

1. Urethane Elastomeric Joint Sealants:
   a. Non-Sag Type and Application: Multi-part non-sag urethane sealant, compliant with ASTM C 920, for vertical and horizontal joints, exterior and interior use.
   b. Pourable Type and Application: One-part pourable urethane sealant, compliant with ASTM C 920, for horizontal joints, exterior and interior use.
2. Silicone Elastomeric Joint Sealants:
   a. Type and Application: One-part non-acid-curing silicone sealant, compliant with ASTM C 920, for vertical and horizontal joints, modulus as required for application, exterior and interior use.
   b. Type and Application: One-part acid-curing silicone sealant, compliant with ASTM C 920, for vertical joints, exterior and interior use.
   c. Type and Application: One-part mildew-resistant silicone sealant, compliant with ASTM C 920, for sanitary applications, interior use.
3. Polysulfide Elastomeric Joint Sealants:
   a. Non-Sag Type and Application: Two-part non-sag polysulfide sealant, compliant with ASTM C 920, for vertical joints, exterior and interior use.
   b. Pourable Type and Application: Two-part pourable polysulfide sealant, compliant with ASTM C 920, for horizontal joints, exterior and interior use.
   c. Immersion Type and Application: Two-part polysulfide sealant, compliant with ASTM C 920, for water immersion.
4. Latex Joint Sealants:
   a. Acrylic Type: Acrylic emulsion, compliant with ASTM C 834.
   b. Silicone Type: Silicone emulsion, compliant with ASTM C 834 and ASTM C 920.
   c. Application: Interior joints in vertical and overhead surfaces with limited movement.
5. Solvent-Release-Curing Joint Sealants:
   a. Acrylic Type: Acrylic, compliant with ASTM C 920.
   b. Butyl Type: Butyl, compliant with FS TT-S-001657.
   c. Application: Exterior vertical surfaces with limited movement.
6. Compression Seals:
   a. Type: Preformed foam sealant.
   b. Application: Wide exterior joints in vertical surfaces.
7. Fire-Resistive Joint Sealers:
   a. Type: One-part fire-stopping sealant.
   b. Application: Penetrations in fire-rated floor and wall assemblies.
8. Specialty Sealants:
   a. Type and Application: Synthetic rubber for acoustic sealant for concealed joints.
   b. Type and Application: Butyl-polyisobutylene sealant and tape sealant for concealed joints.
9. Paving Joint Fillers:
   a. Expanding Type: self-expanding cork.
   b. Cork Type: cork.
   c. Rubber Type: Sponge rubber.
   d. Bituminous Type: Bituminous fiber.
   e. Application: Filler for exterior paving joints.
10. Auxiliary Materials:
    a. Plastic foam joint fillers.
    b. Elastomeric tubing backer rods.
    c. Bond breaker tape.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Test sealant adhesion for each substrate is required.
3. Install in proper relation with adjacent work.
4. Clean adjacent surfaces soiled with sealant immediately.

SECTION 081113
STEEL DOORS AND FRAMES

SUMMARY

1. Hollow metal doors and frames.

SUBMITTALS

1. Product data and door schedule.
2. Comply with ANSI A 250.8.
3. Fire-rated door assemblies: NFPA 80, tested per NFPA 252, and labeled and listed by UL, ITS, another testing and inspecting agency acceptable to the authority having jurisdiction.

PRODUCTS

1. Acme Steel Doors: Complying with ANSI 250.8 for level and model, and ANSI A 250.4 for physical endurance level indicated, 1-3/4 inch (44 mm) thick (unless noted otherwise).
   a. Interior Doors: Level 1 and Physical Performance Level C (Standard Duty), Model 1 (Full Flush)
   b. Interior Doors: Level 2 and Physical Performance Level B (Heavy Duty), Model 1 (Full Flush)
   c. Exterior Doors: Level 2 and Physical Performance Level B (Heavy Duty), Model 1 (Full Flush), galvanized steel sheet faces
   d. Exterior Doors: Level 3 and Physical Performance Level A (Extra Heavy Duty), Model 1 (Full Flush), galvanized steel sheet faces
2. Door Louvers: Sight-proof per SDI 111C.
3. Frames: compliant with ANSI A 250.8; concealed fastenings (unless noted otherwise).
   a. Steel Sheet Thickness for Interior Doors: 0.053 inch (1.3 mm)
   b. Steel Sheet Thickness for Exterior Doors: 0.042 inch (1.0 mm)
   c. Fabricate with interior frames with mitered or coped corners for field assembly.
   d. Fabricate with exterior frames from galvanized steel sheet, with mitered or coped and continuously welded corners.
   e. Knock Down frames are not acceptable.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL CONSTRUCTION MEANS, METHODS, SEQUENCES, PROCEDURES AND SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO SUBSTITUTE MATERIALS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02.28.25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-204

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H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE_FLORIDA\TLEFL24-305 - TLE SANFORD\FL 3284 WEST 1ST ST\CDS\02_TLEFL24-305-T-200.DWG JYOUNG PLOTTED: 02/28/2025

2024.V24.06 PROTOTYPE

4. Glazing Stops: Non-removable stops on outside of exterior doors and on secure side of interior doors; screw-applied, removable glazing stops on inside.
5. Door Silencers: Three on strike jambs of single-door frames and two on heads of double-door frames.
6. Plaster Guards: Provide where mortar might obstruct hardware operation.
7. Metal vision frame kits to be delivered factory primed. (Prefinished are unacceptable)
8. Supports and Anchors: Not less than 0.042 inch (1.0 mm) thick galvanized steel sheet.
9. Prepare doors and frames to receive mortised and concealed hardware according to ANSI A 250.6 and ANSI A 115 Series standards.
10. Reinforce doors and frames to receive surface-applied hardware.
11. Prime Finish: Manufacturer's standard, factory-applied coat of rust-inhibiting primer complying with ANSI A 250.10 for acceptance criteria.

MATERIALS

1. Hot-Rolled Steel Sheets: ASTM A 1011/A 1011M.
2. Cold-Rolled Steel Sheets: ASTM A 1008/A 1008M or ASTM A 620/A 620M.
3. Galvanized Steel Sheets: ASTM A 653/A 653M, A40 or G40 (ZF120 or Z120) coating.

INSTALLATION

1. Place steel frames to comply with SDI 105.
   a. Fire-Rated Frames: Install according to NFPA 80.
2. Install doors to comply with ANSI A 250.8. Shim as necessary to comply with SDI 122 and ANSI/DHI A 115.1G.
   a. Fire-Rated Doors: Install with clearances specified in NFPA 80.
   b. Smoke-Control Doors: comply with NFPA 105.
3. All exterior frames are to be grouted in masonry installations.
4. After installation, remove protective wrappings from doors and frames and touch up prime coat with compatible air-drying primer.

SECTION 084113
ALUMINUM ENTRANCES AND STOREFRONTS

SUMMARY

1. Provide aluminum entrances and storefront:
   a. Exterior entrance doors.
   b. Frames for entrances.

SUBMITTALS

1. Submit product data and shop drawings.

PRODUCTS

1. Products: Kawneer Company, Inc. or approved equal.
2. Door Style: refer to door schedule.
3. Storefront Frames: Thermal break type.
4. Aluminum Members: ASTM B 221, 6036-T6 alloy and temper.
5. Steel Reinforcement: ASTM A 36, ASTM A 611, and ASTM A 570.
6. Glass and Glazing: Insulating tempered glazing.
7. Glazing Color: Clear glass.
8. Door Hanging Devices: Refer to hardware schedule.
9. Closers: Surface mounted.
   a. Typical exterior hollow metal doors shall have ninety (90) degree stop.
10. Closer Operation: Single-acting closers.
11. Hardware: Push/pulls, door stops, overhead holders, and deadlocks, weatherstripping and thresholds, exit devices.
12. Factory Finish: Kawneer Fluoropon (70% PVDF), AAMA 2605, Fluoropolymer Coating
13. Color: refer to exterior elevations.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Anchor securely in place; install plumb, level, and in true alignment.
3. Isolate dissimilar metals.
4. Coordinate with glazing work and hardware requirements.

SECTION 085313
VINYL WINDOWS

SUMMARY

1. Provide vinyl windows.

SUBMITTALS

1. Submit product data, samples, shop drawings, mockup, test reports, warranty, and maintenance data.

PRODUCTS

1. Products: refer to drawing A-123

   Window Manufacturer's Options:
   PLYGEM WINDOWS: 1500 Series
   ANDERSON WINDOWS: 100 Series
   ANDERSON WINDOWS: 400 Series
   SILVERLINE WINDOWS: V1 Series
   SIMONTON STORMBREAKER: Impact Rated (FLORIDA ONLY)

2. Window Type: Vinyl
3. Operation: Fixed
4. Size: Refer to A-123 Window Schedule
5. Glazing: Low 'E', tempered, 5/8-inch-thick insulated glass
6. Glazing Color: Clear glass
7. Anchors, Clips, and Window Accessories: Aluminum, non-magnetic stainless steel, or galvanized steel
8. Privacy glass, as noted on A-011 Construction Plan, to be part of Manufacturer's product line. Provide shop drawings for the Architect's approval.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. All Florida projects shall receive impact glazing regardless of minimum code requirements.

SECTION 087100
DOOR HARDWARE

SUMMARY

1. Doors and locks are specified on Sheet A-121.
2. Certain locks must accommodate Arrow 7 pin, small format, figure 8, interchangeable cores. Cores are to be purchased from ND Security, no substitutions. Cores are to be shipped to The Learning Experience Corporate Headquarters until completion of the building. The Learning Experience personnel will install the cores after the Certificate of Occupancy is received. General Contractor must provide the construction cores and ensure that hardware accommodates these cores.
3. Provide hardware for swinging doors.
4. Comply with code and accessibility requirements.
5. All exterior doors shall receive panic hardware and closers.
6. All doors in smoke partitions shall have self-closer in accordance with NFPA 80, tested in accordance with UL 1784.
7. All hardware for doors in smoke partitions to comply with UL 1784 and additional requirements of the AHJ.
8. The door vendor shall coordinate all electrified door hardware with low voltage/security systems vendor prior to ordering or installation. Electrified door hardware shall be provided, installed, and wired to power supply by door vendor/installer. Power supply shall be incorporated into low voltage systems by the security vendor.

SUBMITTALS

1. Submit product data, samples, proposed hardware schedule, and maintenance data.

PRODUCTS

1. Latch and cylindrical locksets for interior doors - refer to drawing A-121 and A-122
2. For all new and existing hollow metal doors:
   a. The trim shall receive an Arrow 7-pin, small format, figure eight I/C core, mortise cylinders or rim cylinders (whichever is required). Must include tail pieces.
   b. For all other manufacturers used on flush steel doors, lever trims must accommodate Arrow 7-pin small format, figure eight I/C cores.
   c. Arrow Sierra latch and cylindrical locksets (or equal) in US26D finish on exterior side of specified exterior doors.
   d. The existing HM doors without panic bar must have panic bar installed, or door replaced for HM door with panic bar.
3. The Silent Electrification option is mandatory and must be present on any proposed hardware substitutions for double storefront interior Vestibule/Reception doors.
4. All panic bars shall have manual dogging capability.
5. Product Requirements:
   a. Hardware for Fire-Rated Openings: compliant with NFPA 80 and local requirements.
   b. Handicapped Accessibility: compliant with ANSI A117.1, ADAAG, and local requirements.
   c. Materials Application: compliant with ANSI A 156 series standards
   d. Quality Level: Commercial Type
6. Locksets and Latchsets: Cylinder Type
7. Lock Cylinders need to accommodate the Arrow Interchangeable, figure 8, 7 pin core.
   a. Cores to be purchased from ND Security, cylinders provided by GC.
8. Keying: Per owner's requirements, keying and key control system (refer to drawing A-121 and A-122)
9. Hinges and Butts: Full mortise type with non-removable pins at exterior, entrance, and security doors.
10. Closers: refer to drawing A-121 and A-122
    a. Typical exterior hollow metal doors shall have ninety (90) degree stop.
11. Exit Devices: Low frequency type
12. Pivots: No pivot hinges allowed.
13. Push/Pull Units: Through-bolted type
14. Hardware Finish: US26D
15. Door Trim Units: Kickplates, armor plates, edge trim, and related trim
16. Flush bolts with dustproof strikes
17. Coordinators
18. Automatic Door Bottoms
19. Wall Mounted Doorstops
20. Silencers
21. Weatherstripping
22. Thresholds
23. Emergency Lockdown Device: refer to vendor list on sheet T-201.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Refer to the door schedule for hardware sets.

SECTION 092216
GYPSUM BOARD ASSEMBLIES

SUMMARY

1. Provide Gypsum Board Assemblies:
   a. Interior walls, partitions, and ceilings for tape and joint compound finish
   b. Insulation and vapor barrier systems in gypsum drywall systems
2. Gypsum Board Attachment:
   a. Gypsum board screw-attached to steel framing and furring.
   b. Gypsum board nail-attached to wood framing and furring.

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Products: As selected by Architect, complying with the following:
2. Gypsum Board:
   a. Gypsum Wall Board: compliant with ASTM C 36, regular, foil-backed, and fire-rated types, 5/8-inch typical thickness
   b. Water-Resistant Gypsum Backing Board: compliant with ASTM c 630, regular and fire-rated types, 1/2 inch and 5/8-inch typical thicknesses
   c. Joint Treatment: compliant with ASTM C 475 and ASTM C 840, 3-coat system
   d. Installation Standard: compliant with ASTM C 840
3. Trim Accessories:
   a. Material: Metal trim, PVC
   b. Types: Cornerbead, edge trim, and control joints
   c. Radius corners: Pittcon 1", 6", and 12" SO-LRT soft forms
4. Auxiliary Materials:
   a. Gypsum Board Screws: Compliant with ASTM C 1002
   b. Gypsum Board Nails: Compliant with ASTM C 514
   c. Fastening Adhesive
   d. Concealed Acoustical Sealant
   e. Mineral Fiber Sound Attenuation Blankets
   f. Mineral Fiber Thermal Insulation
   g. Polyethylene Vapor Retarder, 6 mils

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with the standards referenced above and ASTM C 840 and GA 216.
3. Install joints only over framing members. Do not allow butt-to-butt joints.
4. Provide blocking for items such as railings, grab bars, casework, toilet accessories, and similar items.
5. Provide acoustic sealant at runner tracks, wall perimeters, openings, expansion, and control joints.
6. Install gypsum board assemblies in true alignment, plumb, level, and in proper relation to adjacent surfaces.
7. Provide 3-Coat joint treatment such that, after finishing, joints are not visible.
8. All gypsum board assemblies are to be finished to a USG Level 4.
9. Leave ready to finish painting and wall treatment.

SECTION 092400
CEMENT PLASTERING/STUCCO

SUMMARY

1. Metal lath.
2. Accessories.
3. Base-coat cement plaster.
4. Cement plaster finish coats.

SUBMITTALS

1. Submit product data, samples, and warranty.

PRODUCTS

1. Metal lath
   a. Expanded Metal Lath: ASTM C847; cold-rolled carbon steel sheet, hot-dip galvanized with ASTM A653/A653M [G60] [G90] zinc coating
      i. Flat Diamond-Mesh Lath: [2.5 lb/sq. yd.]
   b. General: Comply with requirements in ASTM C1063, and coordinate the depth of trim and accessories with thickness and number of plaster coats required.
2. Metal Accessories
   a. Foundation weep screed: fabricated from hot-dip-galvanized steel sheet with ASTM A653/A653M [G60] zinc coating.
   b. Cornerite: Fabricated from metal lath, hot dip galvanized with ASTM A653/A653M [G60] zinc coating.
   c. External- (Outside-) Corner Reinforcement: Fabricated from metal lath, hot-dip galvanized with ASTM A653/A653M [G60] zinc coating.
   d. Cornerbeads: Fabricated from [zinc].
   e. Casing Beads: Fabricated from [zinc]; square-edged style; with expanded flanges.
   f. Control Joints: Fabricated from [zinc] steel]; one-piece-type, folded pair of unperforated screeds in M-shaped configuration; with perforated flanges and removable protective tape on exposed face of control joint.
   g. One-Piece Expansion Joints: Fabricated from [zinc]; folded pair of unperforated screeds in M-shaped configuration; with expanded flanges.
3. Base-Coat Cement Plaster
   a. Comply with requirements in ASTM C926 for applications indicated.
   b. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork as follows:
   c. Portland Cement Mixes:
      i. Scratch Coat: For cementitious material, mix 1-part Portland cement and [0 to 3/4] parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.
      ii. Brown Coat: For cementitious material, mix 1-part Portland cement and [0 to 3/4] parts lime. Use 3 to 5 parts aggregate per part of cementitious material, but not less than volume of aggregate used in scratch coat.
4. Cement Plaster Finish Coats
   a. Job-Mixed Finish-Coat Mix: Comply with requirements in ASTM C926.
      i. Portland Cement Mix: For cementitious material, mix 1-part Portland cement and [3/4 to 1-1/2] parts lime. Use 1-1/2 to 3 parts aggregate per part of cementitious material.

SECTION 093000
TILE

SUMMARY

1. Provide tile for the following applications:
   a. Quarry tile floor and coved base over concrete slab in Pantry.

PRODUCTS

1. Products: As selected by Architect, compliant with the following:
2. Tile Materials: ANSI A 118 series standard specifications.
3. Quarry floor tile: refer to A-041
4. Quarry wall base: coved tile to match floor tile specification.
5. Tile Accessories:
   a. Matching trim units
   b. Marble thresholds
6. Setting Materials:
   a. Portland cement mortar, compliant with ANSI A 108.1
   b. Dry-set Portland cement mortar, ANSI A 118.1
7. Grout: refer to A-041
   a. Sand-Portland cement grout, ANSI A 108.10
   b. Commercial Portland cement grout, ANSI A 118.6
   c. Dry-set grout, ANSI A 118.6
   d. Latex-Portland cement grout, ANSI A 118.6
8. Setting Accessories:
   a. Membrane waterproofing under tile
9. Elastomeric Sealants:
   a. One-part mildew-resistant silicone sealant for non-traffic areas
   b. Multi-part pourable urethane sealant for traffic areas

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with ANSI 108 series standard specifications and Tile Council of America Handbook for Ceramic Tile Installation.
3. Layout tile in grid pattern with alignment of grids to provide uniform joint width and to minimize cutting.
4. Grout, cure, clean, and protect tile surfaces.
5. All flooring must be thoroughly cleaned upon completion of installation, inclusive of waxing and polishing (where applicable).

SECTION 095123
ACOUSTICAL CEILINGS

SUMMARY

1. Provide acoustic lay-in ceilings, trim, and metal suspension system.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. Acoustic Tile Ceilings: refer to drawing A-021
2. Suspension Systems:
   a. Exposed grid suspension system, compliant with ASTM C 635 intermediate duty classification
   b. Suspension System Accessories: Attachment devices and hangers, compliant with ASTM C 635
   c. Cap Material: Painted steel finish
   d. Edge molding and trim

INSTALLATION

1. Comply with requirements of Section 0100000 - Project Requirements.
2. Measure and lay out acoustic ceilings to avoid less than 1/2 panel units whenever practical.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL CONSTRUCTION MEANS, METHODS, SEQUENCES, PROCEDURES AND FOR SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM SPECIFICATIONS AND PLANS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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THE LEARNING EXPERIENCE
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REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-205

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2024.V24.06 PROTOTYPE

3. Install suspension systems in accordance with ASTM C 636.
4. Install panels with pattern or grain running one way.

SECTION 096513
RESILIENT WALL BASE AND ACCESSORIES

SUMMARY

1. Provide 4-inch cove vinyl wall base.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. Vinyl Wall Base: refer to A-041
2. Adhesives: Water-resistant type recommended by manufacturer to suit products and substrate conditions
3. Trowelable Leveling and Patching Compounds: Latex-modified Portland cement or blended hydraulic cement-based formulation provided or approved by flooring manufacturer for applications indicated.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.

SECTION 096516
SHEET VINYL FLOOR COVERING

SUMMARY

1. Provide sheet vinyl floor covering in all toilet rooms and laundry room.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. Sheet Vinyl Floor Covering w/ Integral Cove Base: refer to A-041
2. Trowelable Leveling and Patching Compounds: Latex-modified Portland cement or blended hydraulic cement-based formulation provided or approved by flooring manufacturer for applications indicated.
3. Heat-Welding Bead: Solid-strand product of floor covering manufacturer.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Prepare concrete substrates according to ASTM F 710. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
3. Maintain uniformity of sheet vinyl floor covering direction and match edges for color shading at seams.
4. Seams shall be installed with matching weld rod and located beneath fixtures to minimize visibility.

SECTION 096519.23
LUXURY VINYL TILE FLOORING

SUMMARY

1. Provide resilient floor tile in corridors and classrooms as noted in the drawings.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. LVT Flooring: refer to A-041
2. Adhesives: Water-resistant type recommended by manufacturers to suit products and substrate conditions.
3. Trowelable Leveling and Patching Compounds: Latex-modified Portland cement or blended hydraulic cement-based formulation provided or approved by flooring manufacturer for applications indicated.

INSTALLATION

1. Comply with Section 010000 - Project Requirements
2. Prepare concrete substrates according to ASTM F 710. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
3. Lay tiles with grain running in one direction (monolithic) in patterns indicated.

SECTION 096816
CARPET

SUMMARY

1. Provide carpet and floor preparation.
2. All flooring must be thoroughly cleaned upon completion of installation.

SUBMITTALS

1. Submit product data, samples, seaming diagram, mockup, warranty, and maintenance data.

PRODUCTS

1. Floor Carpet Material: refer to A-041
   a. Carpet all freestanding columns to a height of 3'-6" A.F.F.
2. Carpet Padding Material (only if broadloom is used):
   a. Type: Polyurethane Foam Cushion, 8 lbs. density pad
3. Walk-Off Mat: Refer to A-041
4. Auxiliary Materials
   a. Edge Guards: Color to be Grey.
   b. Adhesives, cements, and fasteners.
5. Carpet Installation Method: Tackless mounting with carpet cushion installation.

INSTALLATION

1. Comply with requirements of Section 010000 - Project Requirements
2. Maintain uniformity of carpet direction and lay of pile. At doorways, center seams under door in closed position. Bind or seal cut edges as recommended by carpet manufacturers.
3. Provide edge guards at change of flooring materials.
4. Comply with CRI 104, Section 8, "Direct Glue-Down"
5. Extra materials: Deliver to owner full-width carpet equal to 5 percent of each type and color of carpet installed, packaged with protective covering for storage.
6. Do not install carpet over concrete slabs until slabs have cured and are sufficiently dry to bond with adhesive and concrete slabs have pH range recommended by manufacturers.
7. Any changes in carpeting due to compliance with local Fire Marshall are to be verified with The Learning Experience prior to implementation.
8. Carpet shall be installed towards very end of construction process to avoid debris embedding into carpet.
9. All carpeting must be thoroughly cleaned and vacuumed prior to tenant move-in.

SECTION 097700
FIBERGLASS REINFORCED PLASTIC PANELS

SUMMARY

1. Provide glass-fiber-reinforced paneling for backsplash in Pantry.
   a. Standing and running trim and rails
2. Provide glass-fiber-reinforced paneling behind and 36 inches to each side of the Laundry and Janitor Closet sinks.
3. Provide glass-fiber-reinforced paneling on bathroom walls (wall behind toilet and lavatory and both adjacent side walls).

SUBMITTALS

1. Submit product data, samples, and mock-up of each type.

PRODUCTS

1. FRP wall panels: refer to A-042

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with the standards referenced.
3. Backprime work before installation.
4. Provide trim for scribing and site cutting.
5. Install work plumb, level, and in proper alignment.
6. Provide work free from tool marks and blemishes.
7. Securely fasten to substrates.
8. Install in lengths to minimize joints and seams.
9. Touch up damaged or abraded finishes.
10. Cut and drill panels with carbide tipped saw blades or drill bits or cut with snips.
11. Install panels with manufacturers' recommended gap for panel field and corner joints.
12. Pre-drill fastener holes in panels with 1/8-inch (3.2 mm) oversize.
13. For trowel type and application of adhesive, follow adhesive manufacturer's recommendations.
14. Use products acceptable to the panel manufacturer and install FRP system in accordance with panel manufacturer's printed instructions.

SECTION 099100
PAINTING

SUMMARY

1. Provide painting and surface preparation for interior and exterior unfinished surfaces.
2. Provide painting and surface preparation of exposed mechanical and electrical piping, conduit, ductwork, and equipment.

SUBMITTALS

1. Submit product data, samples, 4 ft. x 4 ft. mock-up of each color, extra stock consisting of one unopened gallon of each type of paint used.

PRODUCTS

1. All paints: refer to Wall Finish Plan drawing
2. Regulations: Compliance with VOC and environmental regulations
3. First-line commercial-quality products for all coating systems

INSTALLATION

1. Comply with requirements of Section 010000 - Project Requirements
2. Provide field-applied mock-ups of each color and finish selected on actual surfaces to be painted.
3. Test sample area for adhesion for each type of paint.
4. Remove cover plates and protect hardware and adjacent surfaces.
1. Before painting and between coats, sand surface until smooth and flat.
2. All surfaces shall be prepared according to manufacturer's recommendations prior to painting.
3. Apply paint to achieve manufacturer's recommended dry film thicknesses.
4. Paint the entire surface where patch painting is required.
5. Re-coat areas which show bleed-throughs or defects.
6. Clean paint spatters from adjacent surfaces and glass.
7. Touch up damaged surfaces at completion of construction.
8. All painted surfaces shall receive a minimum of one coat of primer and two coats of paint unless factory primed by manufacturer.

SCHEDULE

1. Provide paint systems complying with paint schedule as noted on drawings.

INTERIOR PAINT

1. Refer to drawing A-042

EXTERIOR PAINT

1. EIFS and Wood: Refer to drawing A-051 and A-141.

SECTION 101400
SIGNAGE

SUMMARY

1. Provide building identification signage.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. Products: As selected by Architect, complying with the following:
2. Signage Types:
   a. The Learning Experience Logo LED signage (2) signs – one at building entrance and secondary building sign
   b. The Learning Experience Logo Raceway signage (internally illuminated)
   c. Monument signage (one sign per face; externally illuminated)
   d. Acrylic letters for entry canopy columns "A, B, C, D" and "1,2,3,4"
      i. Color: White

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Contractor to construct monument for sign installation.
3. Contractor to install the monument and two (2) building signs as soon as possible in the construction process.
4. Contractor shall coordinate with signage vendor to apply for permit and to locate required sign components within reach of specified maintenance access panel in entry canopy soffit.

SECTION 102800
TOILET AND BATH ACCESSORIES

SUMMARY

1. Provide toilet and bath accessories and metal framed mirrors.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. Products, as selected by The Learning Experience (or equal submitted for approval), complying with the following:
2. Toilet Accessories:
   a. Paper towel dispensers - Scott Control Slimfold
   b. Toilet tissue dispensers - Scott Essential Coreless
   c. Soap dispensers, wall mounted. - Scott electronic touchless
   d. Mirrors, mounted above lavatories - From Bobrick accessories.
   e. Reference drawing A-111 for toilet accessories
3. Grab bars from Bobrick accessories.
4. Mirrors and Frames:
   a. Glazing: Mirrored glass, 1/4 inch thick (6 mm), compliant with ASTM C 1036 –
   b. Type: 18" Convex Mirror
      i. Install 6" from ceiling (1" from ceiling in Make Believe Boulevard)
      ii. Refer to drawing A-011 for approx. locations. The contractor shall coordinate final locations with The Learning Experience.
      iii. Classrooms and Corridors: refer to drawing A-011
      iv. Materials and Finishes:
         1. Stainless Steel: AISI Type 302 or 304, No. 4 polished finish

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Soap dispenser, toilet paper dispenser, and paper towel dispenser shall be stocked by General Contractor upon completion of installation.

SECTION 104400
FIRE EXTINGUISHERS AND CABINETS

SUMMARY

1. Provide fire extinguishers, cabinets, and wall brackets.

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Fire Extinguishers
   a. Standards: UL and FM listed products
   b. Type: 10lb A:B:C (1 per 3,000 Sq.Ft.)
   c. Type: 5lb B:C (1 per 3,000 Sq.Ft.)
2. Fully or Semi-Recessed Cabinets only (if semi-recessed, they must have rounded corners)
   a. Manufacturer and Product: refer to drawing A-011
3. Metal Wall Brackets
   a. Manufacturer and Product: refer to drawing A-011
4. Inspection Tags are required for all fire extinguishers.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.

SECTION 105523
MAILBOX

SUMMARY

1. Provide freestanding Mailbox onsite. Coordinate with United States Postal Service on location.

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Architectural Mailboxes Roxbury Rubbed Bronze, Large, Steel Post Mount Mailbox and Premium Steel Post Combo.
2. Model #7980RZ
3. Store SKU #1003276108
4. Internet #305719554 (available at Home Depot)

SECTION 107313
AWNINGS

SUMMARY

1. Provide attached/freestanding (as specified in drawings) awnings in the playground area.
2. Provide attached awnings, with standing seam metal roof, as specified in drawings.

SUBMITTALS

1. Submit product data.

PRODUCTS

1. Size, Location, and Type: Refer to playground area details
2. Manufacturer/Installer: See above
3. Awning Material: refer to drawing A-152

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.

SECTION 113100
APPLIANCES

SUMMARY

1. Provide main pantry, classroom pantry areas, laundry, & staff lounge appliances.
   a. Commercial refrigerators and freezers
   b. Standard refrigerators
   c. Microwave ovens
   d. Washer and Dryer

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THE LEARNING EXPERIENCE
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REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-206

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2024.V24.06 PROTOTYPE

SUBMITTALS

1. Submit product data, shop drawings, warranty, and maintenance data.

PRODUCTS

1. Staff lounge
   a. Refrigerator: GE GTE18GTNRWW with IM4D ice maker
   b. Microwave: GE PEM31DFWW
   c. Alternates:
      i. NSF refrigerator: Everest model ESR1
      ii. ETL Sanitation Listed microwave: Waring model WMO120
2. Infant
   a. Refrigerator (Energy Star): GE GTE18GTNRWW
   b. Alternate:
      i. NSF refrigerator: Everest model ESR1
3. Toddler (A&B rooms)
   a. Refrigerator (Energy Star): GE GTE18GTNRWW
   b. Alternate:
      i. NSF refrigerator: Everest model ESR1
4. Pantry
   a. NSF refrigerator: Everest model ESR1
   b. NSF freezer: Everest model ESF1
   c. ETL Sanitation Listed microwave: Waring model WMO120
5. Laundry Appliances (side-by-side; typical)
   a. Washer model: GE GTW500ASNWS (Energy Star)
   b. Dryer model: GE GFD55ESSNWW (Energy Star)
6. Laundry Appliances (stackable; only if shown on plan)
   a. Washer model: GE GFW550SSNWW (Energy Star)
   b. Dryer model: GE GFD55ESSNWW (Energy Star)
   c. Stacking kit per manufacturer's recommendation
7. Laundry Appliances (ductless dryer; only if shown on plan)
   a. Dryer model: GE GFT14ESSMWW
   b. Washer model: GE GFW14855MWW

NOTES

1. NSF refrigerator & freezer, and ETL Sanitation Listed microwaves are always provided in Pantry.
2. Other NSF/ETL appliances are only provided when required by the local authority having jurisdiction (typically the Health Department). If required, NSF/ETL appliances are provided instead of the non-NSF/ETL equivalent model for that room.

SECTION 115200
AUDIO-VISUAL EQUIPMENT

Audio-Visual Equipment is part of an owner-directed prototype package. Please contact the National Account vendor about pricing and general questions. No substitutions allowed.

PRODUCTS

1. Install 55" TV in the Reception area.
   a. Manufacturer: Samsung
   b. Model No.: QB55R-B QBR-B Series – 55" LED-backlit LCD display – 4K
   c. Mfg. Part #: QB55R-B
   d. Contract: Standard Pricing
   e. CDW #: 6757822
   f. Type:55" Class TV, 4K UHD Resolution, Piano Black, or equal approved by The Learning Experience prior to purchase.
      i. 3840x2160 resolution
      ii. High Brightness (350cd/m2)
      iii. Input Types: DVI-D RGB, (2) HDMI Video, HDCP2.2, Stereo Mini-Jack, and (2) USB2.0
      iv. Output Types: Stereo Mini-Jack
      v. Dimensions: 48.6" x 27.9" x 1.8"
      vi. VESA: 200x200
2. Reception TV shall be installed vertically with flush-mount, non-tilt bracket approved for vertical mount orientation.
   a. Model: TRIPP LITE DISPLAY TV SECURITY wall mount fixed flat portrait mode 45-70 in
3. Must include The Learning Experience software and licensing.
   a. MagicInfo Player (v.7.1) – unified license – 1 client
   b. MagicInfo-I Premium Data Link Server (v.4.0) – license – 1 server
   c. Samsung Procare Technology Protection Fast Track with white glove – extended

SECTION 116800
PLAYFIELD EQUIPMENT AND STRUCTURES

SUMMARY

1. Provide interior and exterior playfield equipment, structures, and fencing.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

North Region Playground Equipment to be installed in states which are not listed in the "South Region Playground":

1. 2-12 Structure: Synergy
2. 2-12 Structure: Burke Basics
3. 2-12 Structure: RockIt
4. Freestanding: Burke Basics
5. 6-23 Month Structure: Synergy
6. Ring Panels: Synergy
7. Synthetic Turf Surfacing: Synthetic Turf Resources
   a. STR RG05 8641 Turf Green
   b. Yarn Polymer: Nylon
   c. Provide with 1" padding for full turf area
8. "Unity" surfacing systems (rooftop playground areas only)
   a. Play-land interlocking tiles
9. BCI Burke Picnic Table
   a. 580-1010 6' PVC Tot Table
10. BCI Burke Trash Receptacle
    a. 580-0183 PVC Plastic Dome

South Region Playground Equipment to be installed in the following states - Arizona, California, Florida, Nevada, New Mexico, Texas, and Regions of Southern Georgia (Architect to verify locations with The Learning Experience):

1. 2-12 Structure: Synergy
2. 2-12 Structure: Burke Basics
3. 2-12 Structure: RockIt
4. Freestanding: Burke Basics
5. 6-23 Month Structure: Synergy
6. Ring Panels: Synergy
7. Water Play: Rain Drop
8. Synthetic Turf Surfacing: Synthetic Turf Resources
   a. STR RG05 8641 Turf Green
   b. Yarn Polymer: Nylon
   c. Provide with 1" padding for full turf area
9. "Unity" surfacing systems (rooftop playground areas only)
   a. Play-land interlocking tiles
10. BCI Burke Picnic Table
    a. 580-1010 6' PVC Tot Table
11. BCI Burke Trash Receptacle
    a. 580-0183 PVC Plastic Dome

FENCE

1. Refer to drawing A-151

DRAINAGE

1. Civil Engineer to ensure proper drainage for playground area.
2. Refer to drawing A-153.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Provide PVC or concrete stop at bottom of fence to allow for a maximum 2" opening.

SECTION 116801
INFANT WALL BARRIER SYSTEM

SUMMARY

1. Required in California, Colorado, and Ohio. Architect shall verify with local authority having jurisdiction or The Learning Experience Corporate Headquarters regarding installation in other states if not clearly defined in State Licensing Requirements.
2. Provide interior wall barrier panel system around the crib area.
3. Typically installed within the last month of construction.

SUBMITTALS

1. Submit product data and samples.

PRODUCTS

1. KYDZ Suite Wall Panels
   a. Suite Wall Panels per layout. Refer to Sheet A-011.
   b. Standard Welcome Gate.
   c. Hub Supports and Wall Mounts

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Contractor to coordinate wall barrier system installation with The Learning Experience.

SECTION 122113
HORIZONTAL LOUVER BLINDS

SUMMARY

1. Provide horizontal blinds at exterior windows and vestibule windows and on the interior side of all office windows.

SUBMITTALS

1. Submit product data, shop drawings, warranty, and maintenance data.

PRODUCTS

1. Manufacturer: Budget Blinds
2. Springs window fashions
3. Signature Collection 2" Faux Wood. Refer to drawing A-123.
4. Color: Coconut
5. Mounting:
   a. Classrooms: Within frame on Classroom side (exterior windows)
   b. Office: On the interior side of all office windows within frame.
6. Valance: Manufacturer's standard. Full valance including returns.
7. Fabricate concealed components from non-corrodible or corrosion-resistant coated materials.
8. Provide lifting and tilting mechanisms with permanently lubricated moving parts.
9. All blinds shall be cordless.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Product shall be supplied and installed by Budget Blinds.

SECTION 123216
MANUFACTURED CABINETS AND CASEWORK

SUMMARY

1. Provide interior architectural woodwork:
   a. Casework and countertops
   b. Cubbies
   c. Shelving

SUBMITTALS

1. Submit product data, samples, & mockup of each type

PRODUCTS

1. AWI Standards: Architectural Woodwork Institute (AWI) "Architectural Woodwork Quality Standards"
2. WIC Standards: Woodwork Institute of California (WIC) "Manual of Millwork"
3. Millwork Vendor - See Required/Approved Vendors list
4. Cabinetry & Shelving:
   a. Melamine construction with PVC edge band. Standard edge band to be grey color.
   b. Grade: Custom
   c. Shelf Supports: surface-mounted slotted standards
   d. Closet coat hangers: chrome-plated steel; hook and broom hangers.
5. Auxiliary materials:
   a. Screws: FS FF-S-111, countersunk
   b. Nails: FS FF-N-105, countersunk
   c. Anchors: type required for secure anchorage

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with the standards referenced.
3. Backprime work before installation.
4. Provide trim for scribing and site cutting.
5. Install work plumb, level, and in proper alignment.
6. Provide work free from tool marks and blemishes.
7. Securely fasten to substrates.
8. Install in lengths to minimize joints and seams.
9. Color match wood for transparent finish at joints for uniform appearance.
10. Touch-up damaged or abraded finishes.
11. Install all LVT flooring prior to cabinet installation.
12. Sink dividers to be provided, installed and coordinated as needed, upon State Licensing requirements. The soap location should also be coordinated if sink dividers are installed.

SECTION 210500
FIRE PROTECTION

SUMMARY

1. Provide fire protection systems for the following:
   a. Sprinkler system
   b. Fire and smoke detection system
2. Coordinate with The Learning Experience room use to provide adequate system(s) for all contract areas.
3. Coordinate location of fire protection system components to avoid interference with location of designated lighting fixtures, HVAC ducts, domestic and sanitary plumbing piping, and other trades.
4. Modify, relocate, and extend existing services to accommodate new work (as applicable).
5. Do not cut structural members/elements without prior written consent from the Architect and/or Structural Engineer.

SUBMITTALS

1. Submit product data, warranties, operating and maintenance data.
2. Submit signed and sealed shop drawings for Architect's review and as required for building permit.

PRODUCTS

1. Provide new materials/components suitable for service intended and complying with approved submittals.
2. Sprinkler heads: concealed and upright type as required.

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with applicable codes, regulations, ordinances, and requirements of authorities having jurisdiction, and NFPA 13, 13D, 13R, 26, 70, and 96 as applicable.
3. Conceal piping to the greatest extent practical.
4. Center ceiling-mounted elements in ceiling tiles as applicable.
5. Maintain indicated fire ratings of walls, partitions, ceilings, and floors at penetrations. Seal with firestopping material(s) to maintain fire rating.
6. Test all systems for proper operation.
7. Instruct owner and tenant personnel in proper operation of systems.

SECTION 220500
PLUMBING

SUMMARY

1. Provide plumbing, waste, and vent systems for the following:
   a. Toilets and bathrooms
   b. Kitchens
   c. Laundry
   d. Water heaters
   e. Meters
   f. Indoor and outdoor water fountains (each type)
      i. DF1 – EXTERIOR water fountain (see plumbing sheets for more details)
      ii. DF2 – INTERIOR water fountain (see plumbing sheets for more details)
2. Provide water supply and distribution system(s) sized for domestic irrigation and sprinkler system(s).
3. Provide natural gas distribution system piping, specialties, and accessories.
4. Provide sewage and drainage systems, specialties, and accessories.
5. Coordinate with The Learning Experience room uses to provide adequate system(s) for all contract areas.
6. Modify, relocate, and extend existing services to accommodate new work (as applicable).
7. Do not cut structural members/elements without prior written consent from the Architect.

SUBMITTALS

1. Submit product data, piping types by application, warranties, operating and maintenance data.
2. Submit signed and sealed shop drawings for review and as required for building permit.

PRODUCTS

1. Provide new materials suitable for service intended and comply with approved submittals.
2. Provide accessory materials (including, but not limited to, hangers and pipe insulation).
3. Provide fixtures complying with water consumption requirements and accessibility requirements.
4. Drinking fountains
   a. Refer to plumbing fixture schedule on P-100 for manufacturer and model information.
   b. DF-1 EXTERIOR water fountain
   c. DF-2 INTERIOR water fountain

INSTALLATION

1. Comply with the requirements of Section 010000 - Project requirements.
2. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction.
3. Vent all fixtures.
4. Conceal piping to the greatest extent practical.
5. Maintain indicated fire ratings of walls, partitions, ceilings, and floors at penetrations. Seal with firestopping material(s) to maintain the fire rating.
6. Test all systems for proper operation.
7. Instruct owner and tenant personnel in proper operation of systems.

SECTION 230500
HEATING, VENTILATING, AND AIR CONDITIONING

SUMMARY

1. Provide Trane equipment.
   a. Lennox equipment substitutions are allowed only when lead times for Trane equipment are not aligned with project completion dates. The substitution request must have Architect and The Learning Experience review and approval.
2. Provide equipment, systems, and controls for heating, ventilation, and central air conditioning.
3. Coordinate with The Learning Experience room use to provide adequate system for all contract areas.
4. Coordinate location of thermostats and controls with The Learning Experience requirements.
5. Coordinate location of ductwork and components to avoid interference with location of designated lighting fixtures, fire protection systems, domestic and sanitary plumbing piping, and other trades.
6. Modify, relocate, and extend existing services to accommodate new work (as applicable).
7. Do not cut structural members/elements without prior written consent from the architect.

DESIGN CONDITIONS

1. Provide heating and cooling systems for use with gas or electric utility service for hot air ducted systems as specified in HVAC contract documents.
2. Provide systems designed to ASHRAE weather data using 97.5 percent winter dry bulb and the 5 percent summer dry-bulb and mean coincident wet-bulb climatic conditions.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL CONSTRUCTION MEANS, METHODS, SEQUENCES, AND PROCEDURES AND FOR SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE SPECIFICATIONS AND CONSTRUCTION PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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THE LEARNING EXPERIENCE
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REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
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PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-207

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2024.V24.06 PROTOTYPE

SUBMITTALS

1. Submit product data, warranties, operating and maintenance data, and certified balancing reports.
2. Submit signed and sealed shop drawings for review and as required for building permit.

PRODUCTS

1. Provide new materials suitable for service intended and complying with approved shop drawings.
2. Provide accessory materials (including, but not limited to, controls, anchors, and insulation).

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction, and SMACNA recommendations.
3. Conceal piping and ductwork to the greatest extent practical.
4. Center ceiling-mounted elements in center of ceiling tiles as applicable.
5. Maintain indicated fire ratings of walls, partitions, ceilings, and floors at penetrations. Seal with firestopping material(s) to maintain fire rating.
6. Insulate piping and ductwork. Provide vapor barrier on insulated piping operating below 60 degrees F.
7. Test all systems for proper operation.
8. Commission and balance systems.
9. Instruct owner and The Learning Experience personnel in proper operation of systems.

SECTION 260500
ELECTRICAL

SUMMARY

1. Provide electrical systems for the following:
    a. Power
    b. Lighting (interior and exterior)
    c. Exit lighting
    d. Emergency lighting
    e. Power, telephone, cable TV, and data outlets and wiring
2. Coordinate with The Learning Experience room uses to provide adequate system(s) for all contract areas.
3. Coordinate routing of wiring to avoid interference with location of ductwork, fire protection systems, domestic and sanitary plumbing piping, and other trades.
4. Coordinate schedule of telephone and data outlet completion with owner and The Learning Experience communications requirements and installer (as applicable).
5. Modify, relocate, and extend existing services to accommodate new work (as applicable).
6. Do not cut structural members/elements without prior written consent from the Architect.

SUBMITTALS

1. Substitutions for interior light fixtures are not allowed.
2. Substitutions for exterior light fixtures (site lights, wall packs, etc.) are only allowed if required by the municipality or due to the specific design of the building exterior.
3. Submit product data, warranties, operating and maintenance data, and circuit diagrams.
4. Submit signed and sealed shop drawings for architect's review and as required for building permit.

PRODUCTS

1. Provide new materials suitable for the service intended and comply with approved submittals.
2. Provide accessories (including, but not limited to, controls, cover plates) and equipment connections.
    a. Color: White.
    b. Cover for Emergency Button: Honeywell 269R – Hold up switch:
        i. STI Bopper Stopper: STI-6521-C for keyless lock, open - clear

INSTALLATION

1. Comply with the requirements of Section 010000 - Project Requirements.
2. Comply with applicable codes, regulations, ordinances, and requirements of authorities having jurisdiction, and the national electrical code.
3. Conceal conduit to the greatest extent practical.
4. Center ceiling-mounted elements in the ceiling tiles, as applicable.
5. Install light switches at uniform height above the finished floor. locate switches within rooms at strike side of door (unless noted otherwise).
6. Install thermostats centered above light switches where applicable.
7. Gang-mount multiple switching locations. Mount multiple types of controls as close together as possible and in-line with each other at uniform height above finished floor (unless noted otherwise).
8. Group multiple junction boxes, telephone, and electrical outlets together on walls. avoid back-to-back box locations.
9. Mount electrical, data, and telephone outlets vertically, at uniform height above finished floor (unless noted otherwise).
10. Maintain indicated fire ratings of walls, partitions, ceilings, and floors at penetrations. seal with firestopping material(s) to maintain fire rating.
11. Test all systems for proper operation.
12. Label circuits in electrical panels.
13. Instruct owner and The Learning Experience personnel in proper operation of systems.

SECTION 270500
PHONE SYSTEMS and THE INTERNET

SUMMARY

1. Provide a phone system inclusive of voicemail and cabling.
    a. Includes wiring, cabling, connecting devices, installation, and testing.
2. Provide The Learning Experience required internet components (provided & networked by American Business Communications (ABC)) including but not limited to router/gateway, modem, networking switch, wireless access points, and ports.

SUBMITTALS

1. Submit product data and cable administration drawings.

PRODUCTS

1. Phone system to be manufactured by Mitel.
2. Equipment list:
    a. MITEL MI Voice Business System
        i. Mitel SMB Phone System with CPU and Power
        ii. Mitel Central Office Line Card 4-Port
        iii. Mitel Analog Station Line Card 4-Port
        iv. Mitel IP Station Line Card 16-Port
        v. Mitel Door Phone Controller
        vi. Viking Door Boxes
        vii. Mitel Voices Processor
        viii. Mitel 6940 Administrator Phones
        ix. Mitel 6915 All Other Cordless Phones
        x. Mitel SIP / Dect. Cordless Phone
        xi. Mitel Twinning Smart Phone Application
    b. MAS/voicemail system
        i. Part NO.: LVMU1A4PORT
        ii. Description: 2-8-Port Voice Mail Card with 4-Ports for CIX100, 200, 670
3. Cable and Wiring Components:
    a. Twisted-pair cables, connectors, and terminal equipment:
        i. Cables: listed as complying with category 5 of TIA/EIA-568-A
        ii. Conductors: solid copper
        iii. UTP cable: compliant with TIA/EIA-568-A. four, thermoplastic-insulated, individually twisted pairs of conductors; No. 24 AWG, color-coded; enclosed in PVC jacket
        iv. STP workstation cable: compliant with TIA/EIA-568-A. two thermoplastic-insulated, individually twisted pairs of conductors; No. 22 AWG, tinned copper drain wire; enclosed in PVC jacket
        v. UTP and STP plenum cable: listed for use in air-handling spaces. Features are as specified for cables, conductors, UTP cables, and STP workstation cable except materials are modified as required for listing
4. Cross-Connect Panel:
    a. Modular array of IDC terminal blocks arranged to terminate building cables and permit interconnection between cables.
        i. Number of terminals per field: one for each conductor in assigned cables
        ii. Mounting: backboard
5. Patch Panel:
    a. Modular panels housing multiple-numbered jack units with IDC-type connectors at each jack for permanent termination of pair groups of installed cables.
        i. Number of jacks per field: one for each four-pair conductor group of indicated cables, plus spares and blank positions adequate to satisfy specified expansion criteria.
        ii. Mounting: backboard
6. Jack Assemblies:
    a. Four-position modular RJ11C jacks in flush-mounting wall plate (unless noted otherwise).
    b. Dual, category 5, 6-position modular RJ455 jacks in flush-mounting wall plate (unless noted otherwise)
7. Wall Plates:
    a. Designed for telephone service. Match those indicated for power receptacle outlets in same spaces for materials and finish. For wall telephone units, include provision for support of unit.
8. Terminal Strip:
    a. 25-pair industry standard "66 connecting block" with vinchdown terminals.
9. Terminal Unit:
    a. Category 5 patch block assembly with 12 category 5 RJ45-type jack ports and industry standard "110 connecting block" with vinchdown terminals.

INSTALLATION

1. Telephone service: comply with telephone exchange carrier's requirements.
2. All voice and data cables must be home run from the end point to the mechanical room.
3. All lines (existing and new, as applicable) shall be marked and tagged by the contractor.
4. Existing telephone outlets and wiring (as applicable) shall remain fully operational until the new system has been tested and is properly operational.
5. Install wiring in compliance with TIA/EIA 568, category 5 requirements.
6. Wiring method: conceal wiring (unless noted otherwise). Install flush outlet boxes with jack assemblies at outlets. Connect to cable fished in walls and ceilings unless walls are solid or filled with insulation or ceilings are not accessible for wiring. Install cable in raceway where fished wiring paths are not available. Terminate raceway with a bushing in ceiling space above outlet (unless noted otherwise).
7. Exposed cable: install parallel or perpendicular to surfaces or exposed structural members and follow surface contours where possible.
8. Cable support: secure cable to independent supports at intervals as required to prevent sagging between supports. Use metallic supports designed for this purpose with corrosion-resistant finish.
9. Splices: do not splice cable between the normal terminations of runs.
10. Ground equipment: install ground terminal at local exchange carrier service location.
11. Tighten electrical connectors and terminals according to manufacturers' published torque-tightening values. If manufacturers' torque values are not indicated, use those specified in UL 486A and UL 486B.
12. Identify telephone system backboards and cabinets with the legend "telephone." Identify terminals of terminal strip and jack outlets and pull and junction boxes with approved designations.
13. All installations shall comply with NFPA 70.
14. Coordinate premises wiring with telecommunications and LAN equipment suppliers.

NOTES

1. D&M Enterprises is to be used to supply the correct phone and internet services for the building.
2. (4) VOIP lines (1 main, 2 hunts and 1 fax)
3. Developer responsibilities:
    a. Order and install all exterior lines.
    b. Provide telephone service from the provider to the facility to the mechanical room.
        i. (1) POTS line, if required for Fire Alarm by the Fire Marshal; yet The Learning Experience prefers Radio or Cell Service (must be approved by the Fire Marshall
        ii. Only if the facility has an elevator: developer shall provide an additional POTS telephone line.
        iii. Installation, activation, and payment for above-noted POTS lines.
        iv. Ensure all voice and data cables shall be home run from the end point to mechanical room.
        v. Submit security monitoring contract to franchisee for execution prior to contracting with security company.
        vi. If applicable, activate the POTS lines for fire alarm and provide The Learning Experience corporate and franchisee with the associated phone numbers.
        vii. Ensure that all lines are marked and tagged.
        viii. The contract for service shall be transferred to the franchisee upon occupancy.
    c. Provide internet service from the provider to the facility to the mechanical room.
        i. Provide capacity for high-speed internet - defined as minimum 100mbps upload and download speeds. If not available, the fastest service available should be selected with a minimum of 30mbps upload and download speed. If 30mbps is not available, the contractor must consult with The Learning Experience IT department. If necessary, the contractor must pay for lines to be brought into the building.
        ii. Developer/contractor shall notify franchisee when internet installation is ready for actual lines.
        iii. Ensure that all lines are marked and tagged.
4. Security alarm to use cell service.
5. Add a low voltage line in an exterior low voltage box somewhere under the cover. Roughly 12' off the ground. This way an exterior access point can easily be installed.
6. Franchisee responsibilities: Transfer at CO.

SECTION 280500
FIRE/SECURITY ALARM, CCTV, AND ACCESS CONTROL

The specified equipment for Fire Alarm, Security, CCTV, and Access Controls are required.

Note: Provide four (4) weeks' notice for rough wiring installation.

SUMMARY

1. Provide the following building systems:
    a. Fire alarm
    b. Security
    c. Closed circuit television
    d. Access control

SUBMITTALS

1. Submit product data for each alarm system and components.
2. Submit shop drawings for architect's review and as required for building permit submission.

FIRE ALARM PRODUCTS

1. This system utilizes a combination security and fire alarm system, as permitted by the local authorities.
2. Provide the system as described below or approved equal. This system is subject to approval by the local fire official.
3. The following specification is meant to be used in conjunction with the construction drawings. Quantities of required components to be coordinated between architect's fire alarm drawings, contractor's shop drawings, and the local inspector/code official.
4. Equipment List
    a. Kidde Intelligent Fire Alarm Systems VS4 or approved equal.
    b. Kidde RZI16-2 expansion module or approved equal.
    c. Kidde R-Series Remote Annunciators or approved equal.
    d. Kidde Intelligent CO detector and Kidde Intelligent Heat Detectors or approved equal.
        i. Provide one at the center of each classroom up to 625 sq. ft. (15' o.c. if >625 sq. ft.)
        ii. Provide at 15' O.C. in vestibules and hallways.
        iii. Provide one in the mechanical room.
        iv. Provide additional locations as required by local code or authority having jurisdiction.
    e. Kidde detector base GSA-SB or approved equal.
        i. Provide as required for all detector heads.
    f. Bosch D7044 multiplex single input module or approved equal.
        i. Provide as required at all pull stations.
    g. Bosch D7044M multiplex mini single input module or approved equal.
        i. Provide as required at all co detectors.
    h. Bosch D7053 multiplex input/output module or approved equal.
        i. Provide as required at all RTUs.
    i. Kidde Intelligent Manual Pull Stations FX-270 or approved equal.
        i. Provide one pull station at each egress door.
        ii. Provide one pull station at every exterior door, including the main entrance and mechanical room.
        iii. Pull stations shall not have glass components and shall have the ability to be reset.
        iv. STI Stopper II manual pull station security cover or approved equal.
        v. Provide one security cover at every manual pull station - no horn
    j. System sensor CO1224T/CO1224TR carbon monoxide detector or approved equal.
    k. Altronix AL602ULADA NAC power extender or approved equal.
    l. Fire alarm system to be fully monitored by central station using an auto-dialer via phone line. Provide (2) telephone lines for the fire systems.
    m. Kidde Field configurable horns and strobes Genesis Series – indoor output horns, strobes, and horn strobes or approved equal.
        i. Provide one to the left of the main entrance, outside.
    n. Kidde wall mount Speaker and speaker-strobes – Genesis LED EG4S Series - indoor output horns, strobes, and horn strobes or approved equal.
        i. Provide one strobe unit with a horn every 45' maximum in corridors.
        ii. Provide one strobe unit with a horn in every classroom for children over 3 years old.
        iii. Provide one strobe unit with a horn in the mechanical room.
        iv. Provide one strobe unit without a horn in every classroom for children under 3 years old.
        v. Provide one strobe unit without a horn in every toilet room.
    o. Kidde Intelligent duct smoke detector housing GSA-DH -duct smoke detector or approved equal.
        i. Provide w/ relay to visual indicating station and key reset.
        ii. Provide one detector in return location (subject to local enforcement) for each HVAC unit. Tie into the fire panel to shut down all units.
        iii. System sensor InnovAirFlex D4120W shall be used in applications where water resistance is required.
    p. System sensor InnovAirFlex 4-wire photoelectric low-flow duct smoke detector or approved equal.
        i. Provide w/ relay to visual indicating station and key reset.
    q. GE 56789 battery-operated annunciator or approved equal.
        i. Provide at every exterior door except the mechanical room and main entrance.
    r. Honeywell Genesis Series 16 AWG 4/C SOL FPL-CL2 power limited fire alarm cable (Part No. 4111) or approved equal.
    s. Honeywell Genesis Series 18 AWG 4/C SOL FPL-CL2 power limited fire alarm cable (Part No. 4107) or approved equal.
    t. Knox Box 3200 Series with hinged door or type as required by local jurisdiction.
        i. Recessed mount with face flange.
        ii. Provide with tamper switch wired to alarm system.
        iii. Fire alarm vendor to coordinate wiring with security vendor.
        iv. Install on outside of building, to left of front door, at 5'-0" above grade (or as required by local jurisdiction).

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TLFL24-305
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FIRE ALARM INSTALLATION

1. The fire alarm vendor shall coordinate with fire sprinkler vendor to incorporate deluge pre-action control panel wiring with fire alarm system for monitoring.

SECURITY SYSTEM PRODUCTS

1. Honeywell Vista-20PUL control panel (separate from fire systems) or approved equal
2. Honeywell 6160 alpha display keypad or approved equal (located at the main front entry)
3. Honeywell 4219 wired zone expander or approved equal
4. Honeywell 7939WG surface mount magnetic contacts or approved equal
5. Honeywell Genesis Series 22 AWG 4/C SOL CM-CL2 low voltage cable (part no. 1103) or approved equal.
6. Honeywell WAVE2 siren(s) or approved equal.
7. Required: Honeywell 269R hard wired, wall mounted personal panic transmitter family (see electrical drawings for locations ie, reception desk, office desk & classroom bathrooms).
8. Concealed security alarm contacts to be installed at all exterior classroom doors.
9. Security alarm contacts to be installed at 6'-0" playground gates (refer to electrical drawings for more details).
    a. Security alarm contacts at 6'-0" playground gates shall be wireless.
    b. Outdoor Wireless Contact / Transmitter
        i. Manufacturer: Resideo
        ii. Product: 58160D Outdoor Wireless Contact / Transmitter
        iii. Product: 58160D-MAG Spare Magnet with Spacer
        iv. Product: 462 1.5V AA Non-Rechargeable Lithium Battery

SECURITY SYSTEM INSTALLATION

1. Security vendors shall coordinate with the fire alarm vendor to incorporate Knox Box tamper switch wiring with security system for monitoring.
2. Coordinate installation of alarms, closed circuit television systems, and access control devices with other trades including but not limited to electrical, telephone installations, and hardware.

REQUIRED CCTV EQUIPMENT CLOSED CIRCUIT TELEVISION (PRODUCTS ONLY)

1. IC Realtime NVR-FX24POE-15U4K1-NO-HDD 24 Channel 1U NVR - Rack-Mountable, integrated 24 Port POE Switch - Supports 12MP Resolution - 320Mbps Throughout - H.265 no storage. Dual HDMI monitor outputs for unique camera layout (or approved equal).
2. W Box 0E-32LEDMON2 32" Full HD Pro-Grade Color Monitors to be installed in office (or approved equal).
    a. Mount monitors using video product mount products (VMP) fully
        i. Adjustable model # DWM1742MA
    b. Provide (2) monitors per (16) cameras
        i. Monitor 1 - All cameras
        ii. Monitor 2 – Sequencing (full screen tour)
3. IC Realtime IPMX-W40F-IRW3 4MP IP Indoor/Outdoor Small Size Vandal Dome. Fixed 2.8mm Lens (102°). 98 Feet IR. PoE Capable. Advanced Intelligence on-board analytics.
    a. Cameras to be installed in every classroom, reception, MBB, and corridors. Quantity as specified in the construction drawings and as required for adequate coverage.
    b. All wiring to be home run
    c. Coordinate camera view and location with The Learning Experience
4. All the cameras will be powered from the built-in PoE switch of the NVR. The NVR will have a power cable to plug into a power source. All cameras to run from the NVR's built-in switch
5. IC Realtime IPMX-W40F-IRW3 4MP IP Indoor/Outdoor Small Size Vandal Dome. Fixed 2.8mm Lens (102°). 98 Feet IR. PoE Capable. Advanced Intelligence on-board analytics.
    a. Installation in each playground area. Quantity as specified in the construction drawings and as required for adequate coverage.
6. IC Realtime MNT-IPMINIDOME-WALL-4 Wall mount bracket for wedge and VF turret.
7. Genesis CAT6 PLN/100' (or approved equal)

CLOSED CIRCUIT TV INSTALLATION

1. Install closed circuit television surveillance system in areas indicated on drawings.
2. Include all closed-circuit television system components for a fully functional system, including, but not limited to those listed above.

- **DVR/NVR recording devices should be ordered as stated above with no internal hard disk drive.**
- **Cameras cannot record.**

ACCESS CONTROL SYSTEM PRODUCTS

The Learning Experience Access Systems access required; no substitutions allowed.

1. The Learning Experience Core Access Control Kit – supplied by IC Realtime
    a. 4 PORT 48V POE Switch 600 VA / 330W Backup Battery Power Supply
    b. Two (2) Axis 1601 Network Door Controllers (each control two doors). Small form factor computer.
    c. Four (4) WaveLynx ET20-7WS Mullion Readers
    d. Trend Net 5 port POE Gigabit network switch
    e. CanaKit Raspberry Pi 4
    f. One (1) Test Card
    g. Fifty (50) Blank Cards
    h. Fifty (50) Blank FOBS
    i. One (1) Vertical Wall Bracket
2. APC Back-UPS 450va, 120V
3. Altronix AL400ULX Power supply/charger with two 12 V 7 aH Backup batteries (If needed) or approved equal
4. Weigand cards and FOBs
5. Assa Abloy: TS-18 under desk door release with momentary action switch, push button controlled
    a. Two (2) release buttons (one for vestibule and one for reception door) to be installed below lower main counter at reception desk
6. Honeywell Genesis TSP-18/8 (32171012) Twisted, Shielded, Plenum-rated wire

ACCESS CONTROL SYSTEM INSTALLATION

1. Install the access control system on doors as indicated on the drawings.
2. Provide all components necessary for a complete installation including but not limited to those listed above.
3. System to comply with the applicable state building code (latest edition)
4. An overriding locking mechanism is to be provided. This will be used to prevent card holders from entering the site if no personnel are present.

ACCESS CONTROL NOTES

1. Refer to A-122 for details for loss of power to access control system. Only reception and vestibule latches should be fail-and-safe open; corridors should be fail-secure and be opened from the panic bar side only. Doors shall always unlock by manual pushbar activation.
2. Upon activation of building fire alarm system, sprinkler system, and/or fire detection system, all egress doors shall be automatically unlocked and shall remain unlocked until fire alarm system is reset.
3. Entrance doors shall not be secured from the egress side during business hours.
4. External penetrations, conduits, and back box must be completed by GC/EC for all exterior doors requiring lockset function of electric exit device(s), electric strike(s), and access devices. Please refer to the door and hardware schedule to confirm requirements and door placement.

INSTALLATION (ALL LOW VOLTAGE SYSTEMS)

1. Comply with the requirements of Section 010000 - Project Requirements.
2. The Developer is responsible for the Access System until full operation/function is confirmed by center staff. If any part fails to function, the Developer will have sub-contractor on site at their expense to deliver functioning system including but not limited to communication from The Learning Experience computer to control board, operation of electric latches and release buttons, and training of The Learning Experience staff with sub technician.

RESPONSIBILITY MATRIX

ALL ITEMS ARE PAID FOR BY BUILDING OWNER / DEVELOPER

ITEM	PROVIDED BY G.C.	PROVIDED BY T.L.E.
TLE BRANDED CLASSROOM SIGNAGE (IF REQUIRED FOR C.O. ITS THE RESPONSIBILITY OF THE G.C./DEVELOPER)		X
TOYS		X
KITCHEN SUPPLIES		X
COMPUTERS		X
OFFICE SUPPLIES (INCL. TRASH CANS FOR ROOMS)		X
MOP, BROOM, VACUUM, & HOLDERS		X
TABLES AND CHAIRS		X
FINGER SAFES		X
CRIBS		X
PRINTED MATERIALS		X
VOICE ON HOLD FOR PHONES		X
PAPER PRODUCTS (GENERAL CONTRACTOR INSTALL DISPENSER AND STOCK INITIAL PAPER PRODUCTS)	X	
SMART BOARDS (FRANCHISEE PURCHASES)		X
LOST & FOUND TOY CHEST		X
SOAP, SANITIZER, & BLEACH		X
SLEEP MATS		X
ALL APPLIANCES	X	
SECURITY MIRRORS	X	
WIRE SHELVING IN CLOSETS	X	
CORES & KEYS (TLE INSTALLS)	X	
ALL INTERNET COMPONENTS - ROUTER/GATEWAY, MODEMS, NETWORKING SWITCH, WIRELESS ACCESS POINTS, PORTS	X	
SOAP DISPENSERS, PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, RESTROOM MIRRORS	X	
PICNIC TABLES (1 PER PLAYGROUND)	X	
EXTERIOR TRASH CANS	X	
PLAYGROUND EQUIPMENT (INCL. SOCCER NETS, BASKETBALL HOOPS, & BALLS)	X	
WATER FEATURE (IF SPECIFIED)	X	
DOOR CHIME ALARMS ON EXTERIOR DOORS	X	
ALARMS ON FENCE GATES	X	
ACCESS CONTROL SYSTEM (CORE SYSTEMS NXT)	X	
MILLWORK, CUBBIES, CABINETS, BOOKCASES, & CHANGING TABLES, OFFICE CASEWORK	X	
PHONE LINES & INTERNET	X	
SECURITY SYSTEM	X	
55" RECEPTION TV/ LOBBY BOARD	X	
TEST AND BALANCE HVAC REPORT	X	
EMERGENCY PANIC BUTTONS	X	
EMERGENCY LOCKDOWN DEVICE FROM NIGHTLOCK	X	
EXTERIOR SIGNAGE	X	
FF & E CONSOLIDATION AND SHIPPING FEES	X	
LAMINATOR		X
TLE BRANDED GRAPHICS	X	

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2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

Jarmel Kizel
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Architecture
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Implementation Services

3284 WEST 1ST ST
SANFORD, FL 32771
TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
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REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
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TLFL24-305
PROJECT NUMBER
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PROFESSIONAL CERTIFICATION

SPEC. SHEET

T-209

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2024.V24.06 PROTOTYPE

LEGEND:

- PRIMARY EGRESS PATH (PEP)
- SECONDARY EGRESS PATH (SEP)
- START POINT (PEP)
- START POINT (SEP)
- BUILDING STANDARD CEILING MOUNTED ILLUMINATED EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE AND ARROW INDICATES DIRECTION OF EGRESS. MOUNT ON UNDERSIDE OF SOFFIT WHERE REQUIRED FOR INTENDED VISIBILITY
- ● FE-X — FIRE EXTINGUISHER; WALL HUNG, BRACKET
  FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.)
  MANUFACTURER: JL COSMIC
  BRACKET COLOR: WHITE
  INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS
- ◉ FE-X — FIRE EXTINGUISHER, WALL HUNG, SEMI-RECESSED CABINET
  FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.)
  MANUFACTURER: JL COSMIC
  MODEL: 1017F10 WITH ROUNDED CORNERS
  CABINET COLOR: WHITE
  INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS
- PEP-#'-#" / SEP-#'-#" — EXIT ACCESS TRAVEL DISTANCE

EGRESS WIDTH CHART

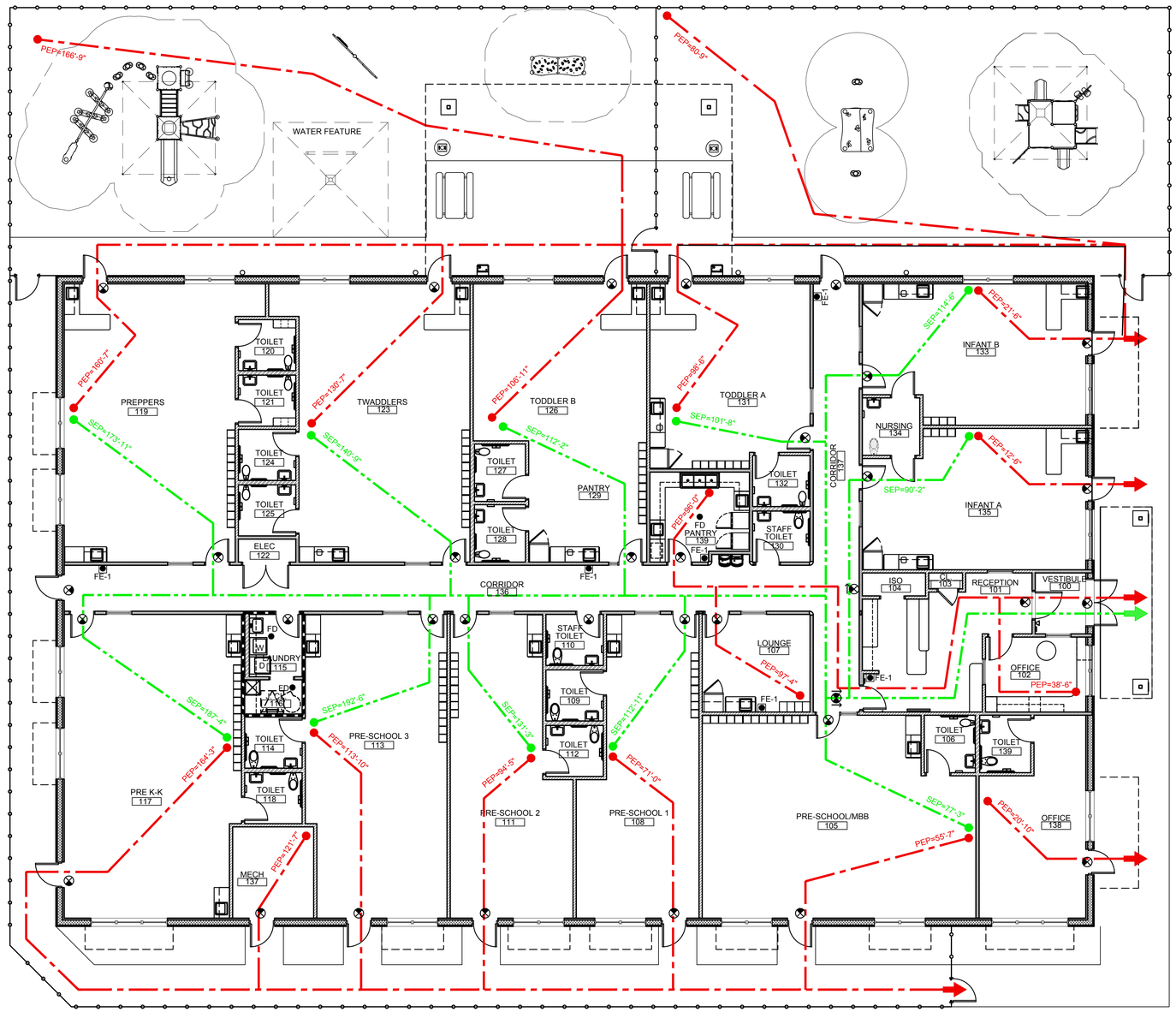
ROOM NAME	ROOM NUMBER	PROVIDED WIDTH	OCCUPANTS ALLOWED	ACTUAL OCCUPANT LOAD
RECEPTION	101	40	200	1
OFFICE	102	34	170	1
PREPPERS	119	68	340	22
TODDLER B	126	68	340	18
TODDLER A	131	68	340	12
TWADDLERS	123	68	340	22
PRE-SCHOOL #3	113	68	340	20
PRE-SCHOOL #1	108	68	340	15
MBB / PRE-SCHOOL	105	68	340	25
PRE-SCHOOL #2	111	68	340	15
PRE K-K	117	68	340	25
LOUNGE	107	34	170	
INFANT B	133	68	340	8
INFANT A	135	68	340	8
PANTRY	139	34	170	1
MECH.	137	34	170	
LAUNDRY	115	34	170	1

EGRESS PLAN KEY NOTES:

1. KNOX BOX LOCATION. REFER TO A-051 FOR SPECIFICATIONS.
2. FDC CONNECTION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3. SECOND ACCESS DOOR. REFER TO A-121

EGRESS PLAN GENERAL NOTES:

1. ARCHITECT SHALL PROVIDE ALL INDIVIDUAL ROOM EGRESS PLANS TO THE LEARNING EXPERIENCE PRE-CONSTRUCTION DEPARTMENT AT TIME OF ISSUE FOR CONSTRUCTION. ALL PLANS SHALL BE IN COLOR IN PDF FORMAT.



NORTH

1 EGRESS PLAN
SCALE: 1/8" = 1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, SEQUENCES AND PROCEDURES AND FOR SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE INSTALLATION OF PRODUCT. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION PRESENTATION PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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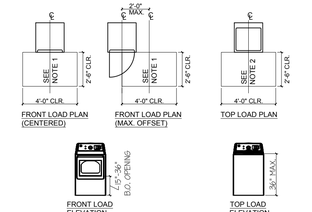
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LIFE SAFETY DATA AND EGRESS PLANS

T-300

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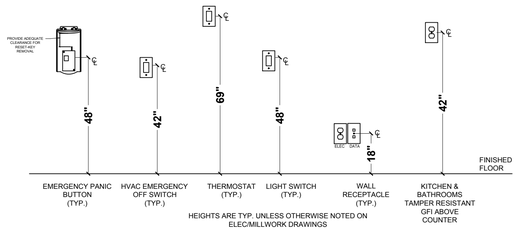
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NOTES:
1. CLEAR FLOOR AREA FOR FRONT LOAD LAUNDRY EQUIPMENT SHALL BE CENTERED ON THE MACHINE OR MAY BE OFFSET BY UP TO 24".
2. CENTER LINE OF CLEAR FLOOR AREA FOR TOP LOAD LAUNDRY EQUIPMENT SHALL BE CENTERED ON THE MACHINE.

5 CLEARANCES AT LAUNDRY EQUIPMENT

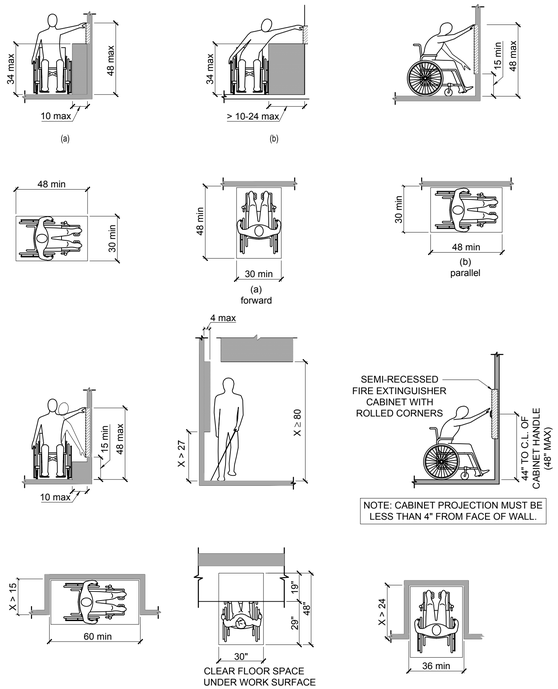
SCALE: N.T.S.



HEIGHTS ARE TYP. UNLESS OTHERWISE NOTED ON ELEC/MILLWORK DRAWINGS

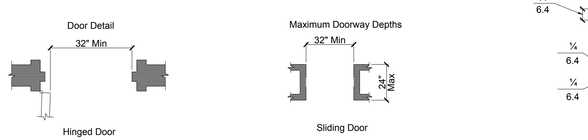
4 ADA SWITCH AND RECEPTACLE MOUNTING HEIGHTS

SCALE: N.T.S.

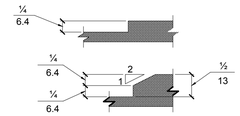


3 MANEUVERING CLEARANCES AND REACH RANGE

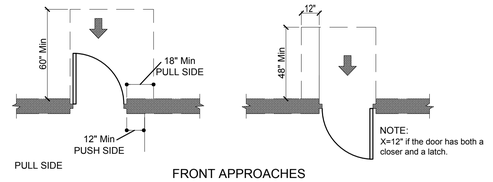
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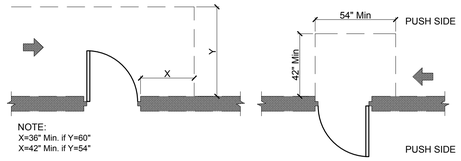
CLEAR DOORWAY WIDTH & DEPTH



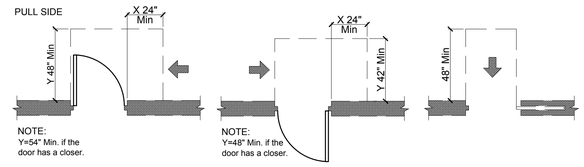
THRESHOLD DETAIL



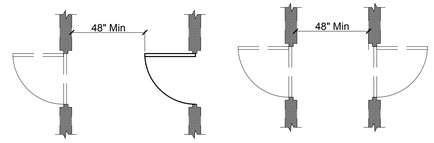
FRONT APPROACHES



LATCH-SIDE APPROACHES



SIDE APPROACHES

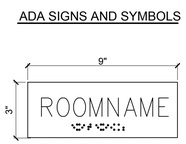


TWO HINGED DOORS IN SERIES

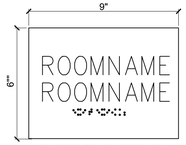
2 MANEUVERING CLEARANCES AT DOORS AND OPENINGS

SCALE: N.T.S.

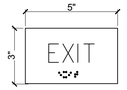
ADA SIGNS AND SYMBOLS



TACTILE ROOMNAME SIGN SIGN-C

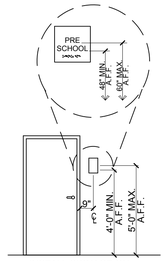


TACTILE ROOMNAME SIGN SIGN-C



TACTILE EXIT SIGN SIGN-X

NOTE: PROVIDE TACTILE ROOM NAME SIGNS FOR EACH ROOM. VERIFY NAMES WITH T.L.E. PRIOR TO FABRICATION AS REQUIRED BY AHJ: REFER TO TACTILE SIGNAGE NOTES #1.



INSTALL SIGNAGE ON LATCH SIDE OF DOOR



ACCESSIBILITY SYMBOL SIGN-A



TACTILE UNISEX ACCESSIBLE SIGN SIGN-U



EXIT ROUTE SIGN SIGN-XR

TACTILE SIGNAGE NOTES

1. THE GENERAL CONTRACTOR (GC) SHALL VERIFY SIGNAGE REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ).
2. THE GC SHALL CONFIRM MOUNTING METHOD WITH THE LEARNING EXPERIENCE CONSTRUCTION TEAM PRIOR TO INSTALLATION.
3. ALL SIGNAGE SHALL CONFORM WITH ADA ACCESSIBILITY GUIDELINES, INCLUDING BUT NOT LIMITED TO PROPORTION, COLOR CONTRAST AND RELIEF AND GRADE 2 BRAILLE REQUIREMENTS.
4. SIGNAGE: AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL ON ALL ACCESSIBLE ENTRANCES PER APPLICABLE BUILDING CODE.
5. TACTILE EXIT SIGNAGE:
   - 5.1. A TACTILE EXIT SIGN WITH THE WORD "EXIT" SHALL IDENTIFY EACH GRADE LEVEL EXTERIOR EXIT DOOR.
   - 5.2. A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE" SHALL IDENTIFY EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN.
6. CHARACTERS, SYMBOLS AND BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THE BACKGROUND, EITHER LIGHT ON DARK BACKGROUND OR DARK ON LIGHT BACKGROUND.
7. SIGNS TO INCLUDE BRAILLE AND CHARACTERS AS DEFINED BY CODE.
8. MOUNT SIGNAGE AT 60" A.F.F. TO THE CENTER OF THE SIGN. MOUNTING LOCATION SHALL BE SO THAT A PERSON APPROACHING WITHIN 3" OF SIGN DOES NOT ENCOUNTER PROTRUDING OBJECTS AND LOCATION SHALL NOT BE WITHIN THE SWING OF A DOOR.
9. TACTILE RESTROOM SIGNAGE: A TACTILE RESTROOM SIGN WITH THE WORD "RESTROOM" SHALL IDENTIFY EACH ACCESSIBLE UNISEX RESTROOM.

1 TYP. TACTILE SIGNAGE DETAILS

SCALE: N.T.S.

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2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
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ACCESSIBILITY AND TACTILE SIGNAGE DETAILS

T-400

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2024.V24.06 PROTOTYPE

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COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: TLE - Sanford, FL
Location: Sanford, Florida
Climate Zone: 2a
Project Type: New Construction
Vertical Glazing / Wall Area: 7%

Construction Site:
3284 West 1st St.
Sanford, Florida 32771

Owner/Agent:

Designer/Contractor:
Cheryl Schweiker
Jarmel Kizel Architects and Engineers, Inc.
42 Okner Parkway
Livingston, New Jersey 07039
973-994-9669
cschweiker@jkarch.com

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Building Area	Floor Area
1-Child Day Care (School/University) : Nonresidential	10000

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof: Insulation Entirely Above Deck, 3-Year-Aged Solar Reflectance Index = 83.00 (d), [Bldg. Use 1 - Child Day Care]	10000	---	25.0	0.039	0.039
Floor: Unheated Slab-On-Grade, [Bldg. Use 1 - Child Day Care] (c)	410	---	---	0.730	0.730
NORTH					
Ext. Wall: Concrete Block, 8in., Partially Grouted, Cells Empty, Light Density, Furring: Metal, [Bldg. Use 1 - Child Day Care]	1096	0.0	5.7	0.108	0.151
Window: Vinyl Frame: Fixed, Perf. Specs.: Product ID Simonton Storm Break Plu, SHGC 0.25, VT 0.50, [Bldg. Use 1 - Child Day Care] (b)	51	---	---	0.500	0.450
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Child Day Care]	48	---	---	0.610	0.370
EAST					
Ext. Wall: Concrete Block, 8in., Partially Grouted, Cells Empty, Light Density, Furring: Metal, [Bldg. Use 1 - Child Day Care]	1819	0.0	5.7	0.108	0.151
Window: Vinyl Frame: Fixed, Perf. Specs.: Product ID Simonton Storm Break Plu, SHGC 0.25, VT 0.50, [Bldg. Use 1 - Child Day Care] (b)	102	---	---	0.500	0.450
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Child Day Care]	144	---	---	0.610	0.370
SOUTH					
Ext. Wall: Concrete Block, 8in., Partially Grouted, Cells Empty, Light Density, Furring: Metal, [Bldg. Use 1 - Child Day Care]	1096	0.0	5.7	0.108	0.151
Window: Vinyl Frame: Fixed, Perf. Specs.: Product ID Simonton Storm Break Plu, SHGC 0.25, VT 0.50, [Bldg. Use 1 - Child Day Care] (b)	51	---	---	0.500	0.450
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Child Day Care]	48	---	---	0.610	0.370
WEST					
Ext. Wall: Concrete Block, 8in., Partially Grouted, Cells Empty, Light Density, Furring: Metal, [Bldg. Use 1 - Child Day Care]	1819	0.0	5.7	0.108	0.151
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID Coral FL 300, SHGC 0.25, VT 0.50, [Bldg. Use 1 - Child Day Care] (b)	52	---	---	0.830	0.770
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Child Day Care]	112	---	---	0.610	0.370
Window: Vinyl Frame: Fixed, Perf. Specs.: Product ID Simonton Storm Break Plus, SHGC 0.25, VT 0.50, [Bldg. Use 1 - Child Day Care] (b)	156	---	---	0.500	0.450

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance index >= 55.0 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope TBD: Efficiency package credits below minimum required

COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: TLE - Sanford, FL
Project Type: New Construction

Construction Site:
3284 West 1st St.
Sanford, Florida 32771

Owner/Agent:

Designer/Contractor:
Cheryl Schweiker
Jarmel Kizel Architects and Engineers, Inc.
42 Okner Parkway
Livingston, New Jersey 07039
973-994-9669
cschweiker@jkarch.com

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-The Learning Experience (Common Space Types:Classroom/Lecture/Training)	10000	0.71	7100
		Total Allowed Watts =	7100

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-The Learning Experience (Common Space Types:Classroom/Lecture/Training)				
LED: 2x4: Other:	1	126	38	4788
LED: 2x2: Other:	1	29	38	1102
			Total Proposed Watts =	5890

Interior Lighting PASSES: Design 17% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: TLE - Sanford, FL
Project Type: New Construction
Exterior Lighting Zone 3 (Other (LZ3))

Construction Site:
3284 West 1st St.
Sanford, Florida 32771

Owner/Agent:

Designer/Contractor:
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Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Entry canopy	175 ft2	0.4	Yes	70
Pedestrian and vehicular entrances and exits	3 ft of door	21	Yes	63
			Total Tradable Watts (a) =	133
			Total Allowed Watts =	133
			Total Allowed Supplemental Watts (b) =	500

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 500 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Entry canopy (175 ft2): Tradable Wattage				
LED: Square: Other:	1	3	12	36
Pedestrian and vehicular entrances and exits (3 ft of door width): Tradable Wattage				
LED: Wall Mounted: Other:	1	16	35	560
			Total Tradable Proposed Watts =	596

Exterior Lighting PASSES: Design 6% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: TLE - Sanford, FL
Location: Sanford, Florida
Climate Zone: 2a
Project Type: New Construction

Construction Site:
3284 West 1st St.
Sanford, Florida 32771

Owner/Agent:

Designer/Contractor:
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Livingston, New Jersey 07039
973-994-9669
cschweiker@jkarch.com

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Mechanical Systems List

Quantity — System Type & Description

1 RTU-1 (Single Zone):
Heating: 1 each - Central Furnace, Electric, Capacity = 92 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Single Package DX Unit, Capacity = 76 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 12.40 EER, Required Efficiency = 11.20 EER
Proposed Part Load Efficiency = 17.30 IEER, Required Part Load Efficiency = 14.80 IEER
Fan System: RTU 1 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
FAN 1 Supply, Constant Volume, 2400 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW

1 RTU-2 (Single Zone):
Heating: 1 each - Central Furnace, Electric, Capacity = 61 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Single Package DX Unit, Capacity = 56 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 16.40 SEER2, Required Efficiency = 13.40 SEER2
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00
Fan System: RTU2 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
FAN 2 Supply, Constant Volume, 1800 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW

1 RTU-3 (Single Zone):
Heating: 1 each - Central Furnace, Electric, Capacity = 92 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Single Package DX Unit, Capacity = 58 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 16.40 SEER2, Required Efficiency = 13.40 SEER2
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00
Fan System: RTU 3 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
FAN 3 Supply, Constant Volume, 2200 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL PERSONS CONTRACTED BY HIM/HER, INCLUDING COMPLIANCE WITH OSHA SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND APPROVED BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM THE CONSTRUCTION PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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SANFORD, FL 32771
TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02.28.25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

ENERGY COMPLIANCE REPORT

T-500

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Quantity	System Type & Description
1	RTU-4 (Single Zone): Heating: 1 each - Central Furnace, Electric, Capacity = 92 kBtu/h No minimum efficiency requirement applies Cooling: 1 each - Single Package DX Unit, Capacity = 58 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 16.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: RTU 4 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 4 Supply, Constant Volume, 2200 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW
1	RTU-5 (Single Zone): Heating: 1 each - Central Furnace, Electric, Capacity = 61 kBtu/h No minimum efficiency requirement applies Cooling: 1 each - Single Package DX Unit, Capacity = 57 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 16.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: RTU-5 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 5 Supply, Constant Volume, 2200 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW
1	RTU-6 (Single Zone): Heating: 1 each - Central Furnace, Electric, Capacity = 92 kBtu/h No minimum efficiency requirement applies Cooling: 1 each - Single Package DX Unit, Capacity = 76 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Capacity Residential Proposed Efficiency = 12.40 EER, Required Efficiency = 11.20 EER Proposed Part Load Efficiency = 17.30 IEER, Required Part Load Efficiency = 14.80 IEER Fan System: RTU 6 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 6 Supply, Constant Volume, 2400 CFM, 3.0 motor nameplate hp, 0.00 fan energy index , fan exception: Fan array <= 5 total HP or <= 4.1 kW EF-1 Exhaust, Constant Volume, 630 CFM, 0.3 motor nameplate hp, 0.00 fan energy index , fan exception: Single fan < 1 HP or < 0.89 kW EF-2 Exhaust, Constant Volume, 680 CFM, 0.3 motor nameplate hp, 0.00 fan energy index , fan exception: Single fan < 1 HP or < 0.89 kW
1	HVAC System (Single Zone): Split System Heat Pump Heating Mode: Capacity = 26 kBtu/h, Proposed Efficiency = 11.30 HSPF2, Required Efficiency = 7.50 HSPF2 Cooling Mode: Capacity = 24 kBtu/h, Proposed Efficiency = 21.50 SEER2, Required Efficiency = 14.30 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: AC 1/ACCU 1 | SEE PLANS -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 9 Supply, Constant Volume, 530 CFM, 0.2 motor nameplate hp, 0.00 fan energy index , fan exception: Single fan < 1 HP or < 0.89 kW
1	EWH-1: Electric Storage Water Heater, Capacity: 120 gallons w/ Circulation Pump Proposed Efficiency: 0.51 SL, %/h (if > 12 kW), Required Efficiency: 0.53 SL, %/h (if > 12 kW)
1	EWH-2: Electric Storage Water Heater, Capacity: 50 gallons w/ Circulation Pump Proposed Efficiency: 0.82 SL, %/h (if > 12 kW), Required Efficiency: 0.84 SL, %/h (if > 12 kW)

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2021 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COM*check* Software Version COMcheckWeb

Inspection Checklist

Energy Code: 2021 IECC

Requirements: 8.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1][1]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR2][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical and service water heating systems and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks. Hot water system sized per manufacturer's sizing guide.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR4][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C103.2 [PR8][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.1 [PR10][1]	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.1 [PR11][1]	The skylight area <= 3 percent of the gross roof area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C402.4.2 [PR14][1]	In enclosed spaces > 2,500 ft2 directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C406 [PR9][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4][2]	Slab edge insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2.1 [FO6][1]	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C105 [FO3][2]	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.4 [FO7][2]	Slab edge insulation depth/length. Slab insulation extending away from building is covered by pavement or >= 10 inches of soil.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12][2]	Fenestration products rated in accordance with NFRC certified and as to performance labels or certificates provided.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.3 [FR10][1]	Vertical fenestration SHGC value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.3, C402.4.3.4 [FR8][1]	Installed vertical fenestration U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.5 [FR14][2]	U-factor of opaque swinging and nonswinging doors associated with the building thermal envelope meets requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1 [FR16][1]	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.4 [FR18][2]	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

ENERGY COMPLIANCE REPORT

T-501

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2024.V24.06 PROTOTYPE
PLOTTED: 02/28/2025
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2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORD\FL 3284 WEST 1ST ST\CDS\13. TLEFL24-305-T-500.DWG FASADURIAN PLOTTED: 02/28/2025

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL6]^{3}	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.1, C404.6.2 [PL3]^{1}	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.3 [PL7]^{3}	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.1, C404.6.1 1 [PL8]^{3}	Demand recirculation water systems have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41]^{3}	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.12.3 [ME61]^{2}	HVAC piping insulation insulated in accordance with Table C403.11.3. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.8.4 [ME142]^{2}	Motors for fans that are not less than 1/12 hp and less than 1 hp are electronically commutated motors or have a minimum motor efficiency of 70 percent. These motors have the means to adjust motor speed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.8.6 [ME143]^{2}	Each DX cooling system > 65 kBtu and chiller water/evaporative cooling system with fans > 1/4 hp are designed to vary the indoor fan airflow as a function of load and comply with detailed requirements of this section.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.9 [ME144]^{2}	Large diameter fans where installed shall be tested and labeled in accordance with AMCA 230.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.13.1 [ME71]^{2}	Systems that heat outside the building envelope are radiant heat systems controlled by an occupancy sensing device or timer switch.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.3 [ME55]^{2}	HVAC equipment efficiency verified.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.5.5 [ME113]^{2}	Fault detection and diagnostics installed with air-cooled unitary DX units or VRF units having economizers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.2 [ME59]^{1}	Natural or mechanical ventilation is provided in accordance with International Mechanical Code Chapter 4. Mechanical ventilation has capability to reduce outdoor air supply to minimum per IMC Chapter 4.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.7.1 [ME59]^{1}	Demand control ventilation provided for spaces >500 ft2 and >15 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.7.2 [ME115]^{3}	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.7.6 [ME141]^{3}	HVAC systems serving guestrooms in Group R-1 buildings with > 50 guestrooms: Each guestroom is provided with controls that automatically manage temperature setpoint and ventilation (see sections C403.7.6.1 and C403.7.6.2).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.7.4 [ME57]^{1}	Exhaust air energy recovery on systems meeting Table C403.7.4(1) and C403.7.4(2).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.7.5 [ME116]^{3}	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.12.1, C403.12.2 [ME60]^{2}	HVAC ducts and plenums insulated in accordance with C403.11.1 and constructed in accordance with C403.11.2, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5, C403.5.1, C403.5.2 [ME62]^{1}	Air economizers provided where required, meet the requirements for design capacity, control signal, ventilation controls, high-limit shut-off, integrated economizer control, and provide a means to relieve excess outside air during operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5.2 [ME16]^{1}	Economizer operation will not increase heating energy use during normal operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5.3.3 [ME124]^{1}	Air economizers automatically reduce outdoor air intake to the design minimum outdoor air quantity when outdoor air intake will not reduce cooling energy usage. See Table C403.5.3.3 for applicable device types and climate zones.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5.3.4 [ME125]^{1}	System capable of relieving excess outdoor air during air economizer operation to prevent over pressurizing the building. The relief air outlet located to avoid recirculation into the building.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5.3.5 [ME126]^{1}	Return, exhaust/relief and outdoor air dampers used in economizers have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Reference section C403.7.7 for details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.1.4 [ME63]^{2}	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint >= 80F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.3.3 [ME35]^{1}	Hot gas bypass limited to: <=240 kBtu/h – 50% >240 kBtu/h – 25%	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.2.1 [ME53]^{3}	Air outlets and zone terminal devices have means for air balancing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.11.3, C403.11.3.1, C403.11.3.2 [ME123]^{3}	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.11.3.1 and refrigeration compressor systems that comply with C403.11.3.2..	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1 [EL22]^{1}	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1, C405.2.1.1 [EL18]^{1}	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1.2 [EL19]^{1}	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1.3 [EL20]^{1}	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.2, C405.2.2.1 [EL21]^{2}	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4, C405.2.4.1, C405.2.4.2 [EL23]^{3}	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.5 [EL27]^{1}	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.7 [EL28]^{1}	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.7 [EL26]^{2}	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.8 [EL27]^{2}	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.9.1, C405.9.2 [EL28]^{2}	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.10 [EL29]^{2}	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.1.1 [EL30]^{2}	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy >= 65 lm/W or luminaires with efficacy >= 45 lm/W or comply with C405.2.4 or C405.3.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.11, C405.11.1 [EL31]^{2}	50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and > 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR SAFETY.

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REVISION

NO.	DATE	DESCRIPTION

ISSUE

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01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
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PROFESSIONAL CERTIFICATION

ENERGY COMPLIANCE REPORT

T-502

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Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3][1]	Roof insulation installed per manufacturer's instructions and is labeled with R-value or insulation certificate providing R-value and other relevant data. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.1 [IN20][1]	Roof assembly meets minimal thermal resistance installed between roof framing or in a continuous fashion on the roof assembly as stipulated in Table C402.1.3. Requirements for above deck insulation, minimum thickness, suspended ceilings, staggered joints and skylight curbs will be met.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2 [IN7][1]	Above-grade wall insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C105 [IN6][1]	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.3 [IN8][2]	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [IN18][3]	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.3 [IN5][3]	High-albedo roofs satisfy one of the following: 3-year-aged solar reflectance >= 0.55 and thermal emittance >= 0.75 or 3-year-aged solar reflectance index >= 64.0.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C105 [IN2][1]	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.1 [IN1][1]	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17][3]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.3, C408.2.5.3 [FI8][3]	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C401.3 [FI58][1]	A thermal envelope certificate will be supplied and completed by an approved third party.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.10 [FI26][3]	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.11 [FI59][1]	Operable openings > 40 ft2 will be interlocked with heating and cooling systems to setback setpoint temperatures within 10 minutes of opening.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.8 [FI37][1]	Weatherseals installed on all loading dock cargo door openings and provide direct contact along the top and sides of vehicles parked in the doorway.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.1.1 [FI50][3]	HVAC systems and equipment design loads calculated in accordance with ANSI/ASHRAE/ACCA Standard 183 or by an approved equivalent computational procedure	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.3.1 [FI27][3]	HVAC systems and equipment capacity does not exceed calculated loads.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.1 [FI47][3]	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.1.1 [FI42][3]	Heat pump controls prevent supplemental electric resistance heat from coming on when not needed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.1.2 [FI38][3]	Thermostatic controls have a 5 °F deadband.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.1.3 [FI20][3]	Temperature controls have setpoint overlap restrictions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C403.4.2 [FI39][3]	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.2.1, C403.4.2.2 [FI40][3]	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.2.3 [FI41][3]	Systems include optimum start controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.3 [FI11][3]	Heat traps installed on supply and discharge piping of non-circulating systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.4 [FI25][2]	All piping insulated in accordance with section details and Table C403.12.3.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.1 [FI12][3]	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank. System return pipe is a dedicated return pipe or a cold water supply pipe.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.5.1 [FI19][1]	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Exterior Lighting fixture schedule for values.*
C408.1.1 [FI57][1]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.1 [FI28][1]	Commissioning plan developed by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3.1 [FI31][1]	HVAC equipment, systems and system-to-system relationships have been tested to ensure proper operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3.2 [FI10][1]	HVAC and service water heating control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) | 2 Medium Impact (Tier 2) | 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.3.3 [FI32][1]	Economizers have been tested to ensure proper operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.4 [FI29][1]	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5 [FI7][3]	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5 [FI16][3]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.1 [FI43][1]	An air and/or hydronic system balancing report is provided for HVAC systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.2 [FI30][1]	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.3 [FI33][1]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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REVISION

NO.	DESCRIPTION	DATE

ISSUE

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01	FOR TLE REVIEW	02-28-25

TLFL24-305
PROJECT NUMBER
JY
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PROFESSIONAL CERTIFICATION

ENERGY COMPLIANCE REPORT

T-503

This document contains confidential and proprietary information belonging to The Learning Experience ("Disclosing Party"). **The information herein is provided solely to allow the receiving party to obtain bidding and pricing from a contract contractor. It does not represent the intended design, specification or plans for construction. No other use is permitted.** The information herein shall not be shared, distributed, or disclosed to any third parties without the express written consent of Disclosing Party, except (i) with employees, officers, and directors of the receiving party who have a legitimate need to access the information, or (ii) if required by law, regulation, or legal process, provided the receiving party promptly notifies Disclosing Party to allow seeking a protective order or other remedy. Unauthorized disclosure, copying, or distribution is expressly prohibited and may result in legal action.

2024.V24.06 PROTOTYPE
H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\13. TLEFL24-305-T-500.DWG FASADURIAN PLOTTED: 02/28/2025

2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\17. TLEFL24-305-SP-101.DWG FASADURIAN PLOTTED: 02/28/2025

ARCHITECTURAL SITE PLAN GENERAL NOTES:

1. THIS ARCHITECTURAL SITE PLAN IS NOT INTENDED FOR PLANNING OR ZONING REVIEW, AND IS PROVIDED FOR COORDINATION PURPOSES ONLY. ALL SITE DESIGN SHALL BE CONFIRMED WITH AND COMPLETED PER THE APPROVED CIVIL SITE DRAWINGS AS PREPARED BY:

   ATWELL GROUP
   DANIEL ROBERT GIBBS
   1850 PARKWAY PLACE, SUITE 650
   MARIETTA, GA
   770-423-0807

2. THE G.C. SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, COMPLIANCE WITH APPLICABLE ORDINANCES AND JURISDICTIONAL JOB SITE REQUIREMENTS, AND FOR COORDINATING ALL PORTIONS OF THE PHASED WORK UNDER THE CONTRACT UNLESS OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS HAVE BEEN PROVIDED THROUGH THE DEVELOPER.

3. REFER TO THE CIVIL DRAWINGS FOR ALL SITE DIMENSIONS, GRADING AND EROSION CONTROL, UTILITY INFORMATION, LANDSCAPE AND IRRIGATION DESIGN AND ALL OTHER REQUIRED SITE RELATED IMPROVEMENTS.

4. PRIOR TO PROCEEDING WITH ROUGH GRADING, THE G.C. SHALL COORDINATE CIVIL GRADES WITH ELEVATIONS SPECIFIED AS PART OF THE ARCHITECTURAL SCOPE OF WORK (INCLUDING, BUT NOT LIMITED TO COMPARISON OF TOP OF FINISH GRADES AT PERIMETER OF BUILDING, FLAT WORK AND ADJOINING SITE AREAS). ALL QUESTIONS SHALL BE SUBMITTED IN WRITING TO THE CIVIL ENGINEER AND ARCHITECT PRIOR TO START OF WORK.

5. THE G.C. SHALL ROUGH GRADE AND RE-COMPACT BUILDING PADS PER THE SOILS REPORT AS PART OF THE SITE SCOPE OF WORK.

6. ALL GRADING AND CONCRETE PAVING SHALL SLOPE AWAY FROM THE BUILDING. CONTACT THE DEVELOPER, ARCHITECT AND CIVIL ENGINEER IN WRITING REGARDING ANY AREAS THAT CANNOT SLOPE AWAY DUE TO EXISTING CONDITIONS.

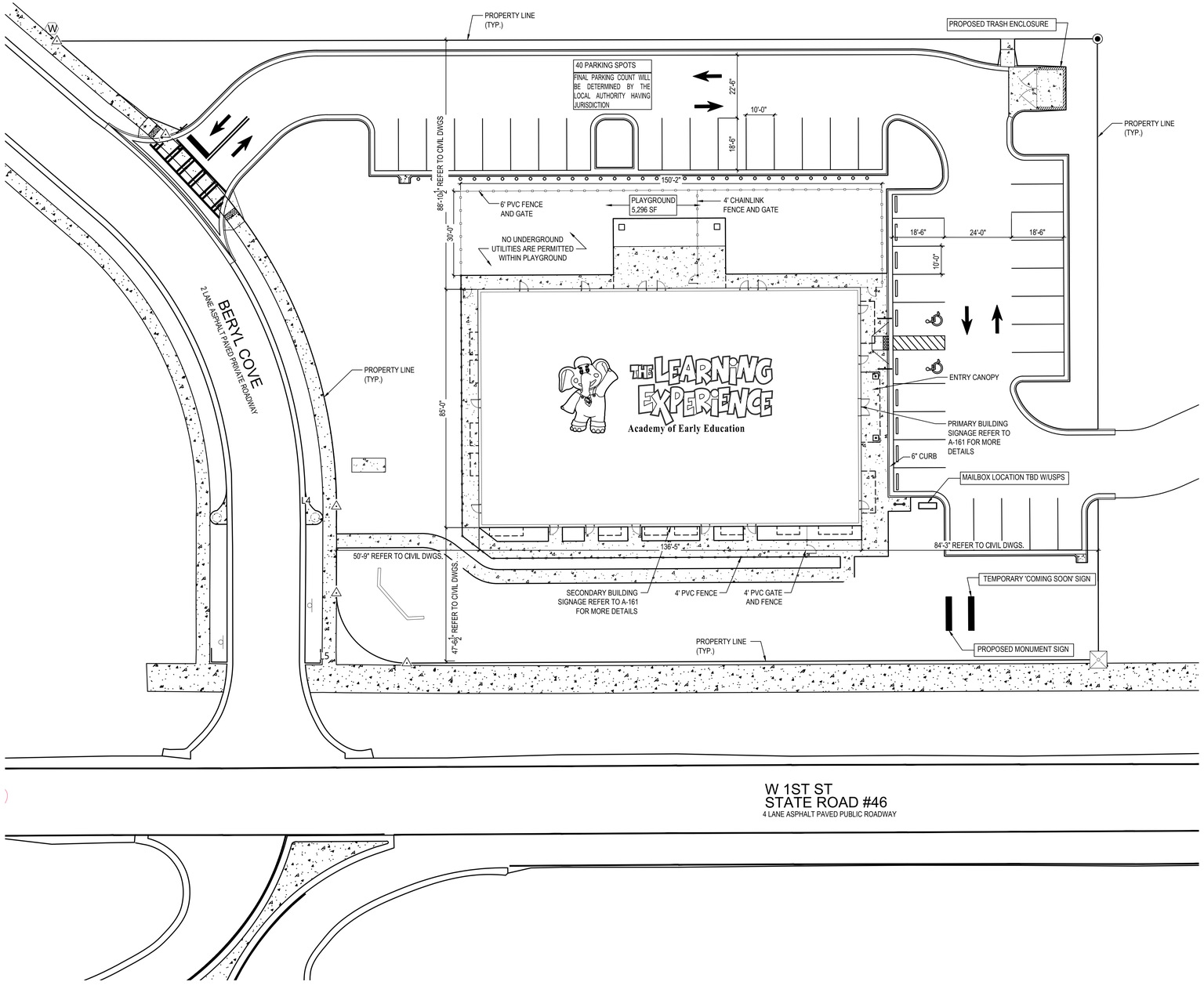
7. THE G.C. SHALL VERIFY ALL SITE DIMENSIONS TO APPLICABLE BOUNDARIES AND SETBACK INFORMATION WITH PARCEL MAP ALTA SURVEY OF RECORD AND NOTIFY OWNER, ARCHITECT, AND CIVIL ENGINEER IN WRITING OF ANY QUESTIONS IN THIS REGARD.

8. THE G.C. SHALL COORDINATE ALL SITE UTILITY RUNS WITH THE APPROPRIATE UTILITY COMPANIES AND PER THE APPROVED SITE PLANS. UTILITY RUNS SHALL BE STUBBED 5'-0" FROM THE BUILDING PERIMETER AT THE LOCATION INDICATED IN THE APPROVED M.E.P. DRAWINGS.

9. THE G.C. SHALL PROTECT EXISTING CONDITIONS TO REMAIN FROM DAMAGE. DAMAGED ITEMS SHALL BE REPLACED, REPAIRED, OR RESTORED BY THE G.C. IF, IN THE OPINION OF THE G.C., EXISTING CONDITIONS TO REMAIN WILL BE DAMAGED OR REQUIRE REMOVAL, THE GENERAL CONTRACTOR SHALL IDENTIFY THESE TO THE DEVELOPER PRIOR TO PROCEEDING WITH REMOVAL.

10. REFER TO CIVIL SITE PLANS FOR SITE LIGHTING TO BE COMPLETED IN DESIGN PHASE.

11. BOLLARDS SHALL BE PROVIDED AS VEHICLE PROTECTION TO PLAYGROUND WHERE PARKING IS ADJACENT TO PLAY AREA. BOLLARDS SHALL BE ARRANGED AT 5' O.C.; WHEN BOLLARDS ARE PLACED AS PROTECTION AT HEAD ON PARKING LOT, THEY ARE TO BE CENTERED AT EACH SPOT.



NORTH

1 ARCHITECTURAL SITE PLAN

SCALE: 1' = 20'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, AND TECHNIQUES, WITH ALL WORK IN A SAFE MANNER.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND LEARNING EXPERIENCE FOR APPROVAL BEFORE USE. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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Architecture
Engineering
Interior Design
Implementation Services

3284 WEST 1ST ST
SANFORD, FL 32771
TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

ARCH. SITE PLAN

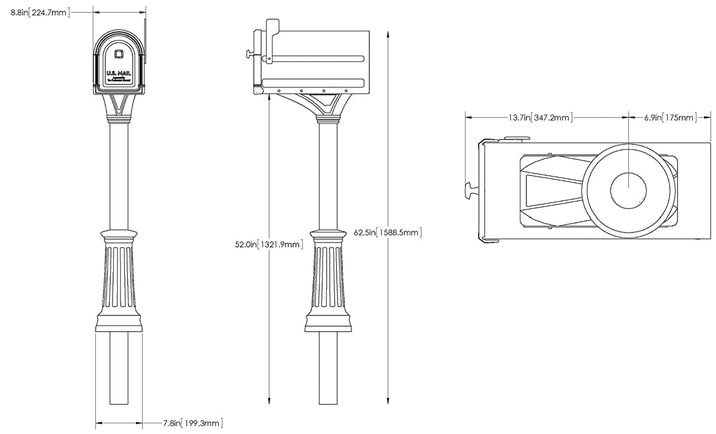
SP-101

This document contains confidential and proprietary information belonging to The Learning Experience ("Disclosing Party"). The information herein is provided solely to allow the receiving party to bid on the project described herein. It does not authorize the receiving party to use this information for any purpose other than preparing a bid for the project described herein. The receiving party expressly agrees that it will not use the information for any other purpose, including but not limited to, construction, fabrication, or procurement, without the Disclosing Party's prior written consent. The receiving party shall not disclose, disseminate, or distribute the information to any third parties, except to employees, officers, and directors of the receiving party who have a legitimate need to access the information in order to bid on the project, and who are bound by confidentiality obligations at least as protective as those set forth herein. The receiving party shall promptly return or destroy all copies of the information upon the Disclosing Party's request or upon the receiving party's decision not to bid on the project. Any unauthorized use, disclosure, or reproduction of the information may cause irreparable harm to the Disclosing Party, for which monetary damages may be inadequate, and the Disclosing Party shall be entitled to seek injunctive relief in addition to any other remedies available at law or in equity. The receiving party agrees to indemnify and hold harmless the Disclosing Party from any losses, damages, or expenses arising from the receiving party's breach of this boilerplate. This boilerplate shall be governed by the laws of the state in which the Disclosing Party is located, without regard to its conflict of laws principles. Any dispute arising under this boilerplate shall be resolved exclusively in the courts of that state. If any provision of this boilerplate is found to be invalid or unenforceable, the remaining provisions shall remain in full force and effect. This boilerplate constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior or contemporaneous agreements, understandings, and communications, whether oral or written. The receiving party acknowledges that it has had the opportunity to review this boilerplate and to seek the advice of counsel before signing it.

2024.V24.06 PROTOTYPE

PLOTTED: 02/28/2025

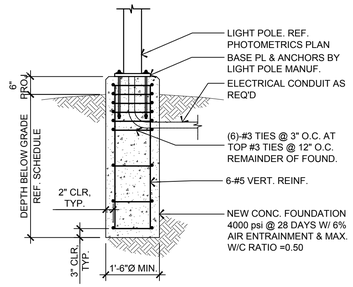
H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\18. TLEFL24-305-SP-102.DWG JYOUNG PLOTTED: 02/28/2025



6 MAILBOX SPECS

SCALE: 1"=1'-0"

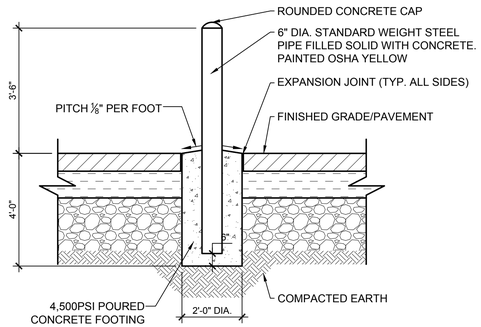
ARCHITECTURAL MAILBOXES ROXBURY
RUBBED BRONZE, LARGE, STEEL POST MOUNT
MAILBOX AND PREMIUM STEEL POST COMBO
MODEL #7980RZ
STORE SKU #1003276108
INTERNET #305719554
(AVAILABLE AT HOME DEPOT)



LIGHT POLE FOUNDATION DEPTH PER WIND ANALYSIS			
WIND SPEED (ASCE 7-16)	WIND SPEED (ASCE 7-10)	FND. DEPTH	NOTES:
<110 MPH	<110	4'-9"	1. REFER TO STRUCT. DRAWINGS FOR APPLICABLE WIND SPEED.
110 TO 135 MPH	110 TO 140 MPH	5'-6"	2. THIS DETAIL ASSUMES A 30' MAX. LIGHT POLE.
135 TO 180 MPH	140 TO 180 MPH	7'-0"	

5 TYP. LIGHT POLE FOUNDATION DETAIL

SCALE: 1/2" = 1'-0"

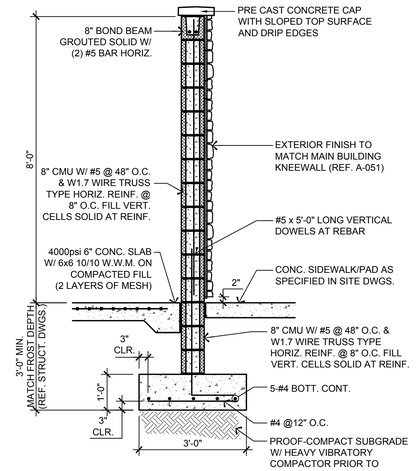


ALTERNATE COLORS:
YELLOW, SW6787 FOUNTAIN, SW9031 PRIMAVERA, SW6890 OSAGE ORANGE

4 TYP. BOLLARD DETAIL

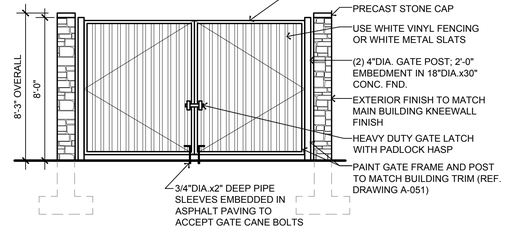
SCALE: 1/2" = 1'-0"

ALL SITE DETAILS SHOWN ON THIS PAGE ARE PROTOTYPICAL IN NATURE. THE G.C. IS RESPONSIBLE FOR VERIFYING THESE DETAILS, THEIR APPLICABILITY, AND ANY ASSOCIATED DIMENSIONS AND NOTES WITH THE MOST CURRENT SITE-SPECIFIC CIVIL DRAWINGS APPROVED BY THE AUTHORITY HAVING JURISDICTION.



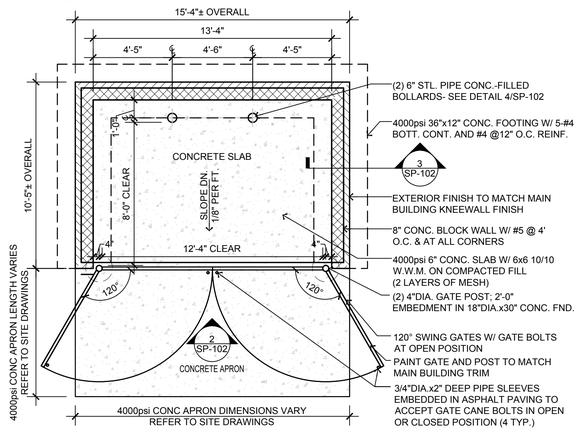
3 TRASH ENCLOSURE TYPICAL WALL SECTION

SCALE: 1/2" = 1'-0"



2 TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



1 TRASH ENCLOSURE PLAN

SCALE: 1/4" = 1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR WORK CONTRACTOR'S SKILLS, SKILLS OF SUBCONTRACTORS AND ANY OTHER PERSONS WHO ARE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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REVISION

NO.	DATE	DESCRIPTION

ISSUE

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01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

SITE DETAILS

SP-102

This document contains confidential and proprietary information belonging to The Learning Experience ("Disclosing Party"). The information herein is provided solely to allow the receiving party to obtain budgeting and pricing from a general contractor. It does not represent the intended design, specifications or plans for any future project the receiving party may pursue. The document shall not be used for construction purposes or considered representation of any forthcoming work. The receiving party is authorized to use this information only for these internal budgeting and pricing purposes related to this project. The receiving party agrees not to disclose, reproduce, distribute, or disseminate this information to any third parties without the express written consent of the Disclosing Party, except to employees, officers, and directors of the receiving party who have a legitimate need to access this information and are bound by confidentiality obligations at least as protective as those stated herein. The receiving party also agrees not to use this information for any purpose other than evaluating the project, and shall return or destroy all copies of this document upon request of the Disclosing Party or upon the termination of the receiving party's engagement with the project, whichever occurs first. Unauthorized disclosure, copying, or distribution of this document may cause irreparable harm to the Disclosing Party, and the Disclosing Party shall be entitled to seek injunctive relief and other equitable remedies in addition to any other rights or remedies available at law or in equity. The receiving party shall indemnify and hold harmless the Disclosing Party from any losses, damages, or expenses (including reasonable attorneys' fees) arising out of the receiving party's breach of this agreement. This agreement shall be governed by and construed in accordance with the laws of the State of Florida, without regard to its conflict of law principles. Any dispute arising under or relating to this agreement shall be resolved exclusively in the state or federal courts located in Florida, and the parties hereby consent to the jurisdiction and venue of such courts. If any provision of this agreement is held to be invalid or unenforceable, such provision shall be modified to the minimum extent necessary to make it valid and enforceable, and the remaining provisions shall remain in full force and effect. The failure of the Disclosing Party to enforce any provision of this agreement shall not constitute a waiver of such provision or any other provision. This agreement constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior or contemporaneous agreements, understandings, and communications, whether oral or written. Any amendment or modification of this agreement must be in writing and signed by both parties. The receiving party acknowledges that it has had the opportunity to review this agreement with counsel of its choosing and that it understands and agrees to be bound by its terms and conditions. By accessing this information, the receiving party agrees to be bound by the terms of this boilerplate.

2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\19. TLEFL24-305-A-011.DWG FASADURIAN PLOTTED: 02/28/2025

LICENSING CALCULATION CHART
The Learning Experience - Sanford, Florida

ROOM NUMBER	ROOM NAME	AGE GROUP	NUMBER OF CHILDREN	NUMBER OF TEACHERS	TEACHER RATIO	STATE REQ'D S.F. (35 S.F. PER CHILD)	NET S.F.* (35 S.F. PER CHILD)	ACTUAL S.F. (35 S.F. PER CHILD)	RATIO CHILD PER S.F.
135	INFANT A	6 WK - 12 MO.	8	2	1/4	440	468	522	1/55
133	INFANT B	6 WK - 12 MO.	8	2	1/4	440	468	522	1/55
131	TODDLER A	12 MO. - 24 MO.	12	2	1/6	420	434	488	1/35
126	TODDLER B	12 MO. - 24 MO.	18	3	1/6	630	654	708	1/35
123	TWADDLERS	24 MO. - 30 MO.	22	2	1/11	770	779	828	1/35
119	PREPPERS	30 MO. - 36 MO.	22	2	1/11	770	776	828	1/35
108	PRE-SCHOOL #1	3 - 4 YEARS	15	1	1/15	525	538	550	1/35
111	PRE-SCHOOL #2	3 - 4 YEARS	15	1	1/15	525	538	550	1/35
113	PRE-SCHOOL #3	4 - 5 YEARS	20	1	1/20	700	703	715	1/35
105	PRE-SCHOOL / MBB	VARIES	25	2	VARIES	875	878	890	1/35
117	PRE K-K	5 - 6 YEARS	25	1	1/25	875	887	899	1/35
		TOTALS:	190	19					
			+ 2 ADMIN. STAFF						
			TOTAL	211					

* CALCULATED LESS BUILT-IN ITEMS
FIRST FLOOR 11,600 S.F.
PLAY AREA 5,296 S.F.

CONSTRUCTION PLAN GENERAL NOTES:

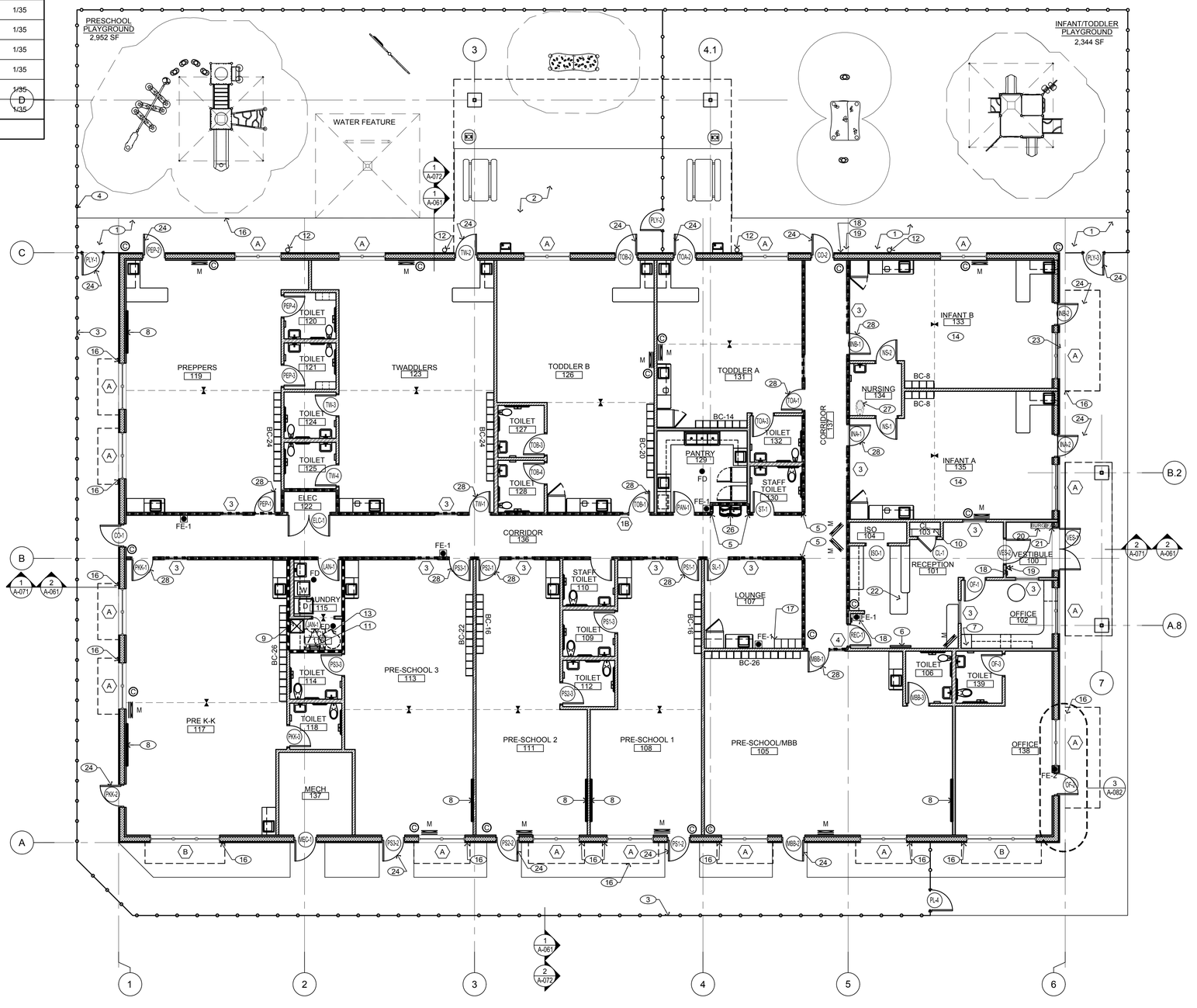
1. REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.
2. ALL ANGLED PARTITIONS, IF SHOWN ON FLOOR PLAN, SHALL BE 45° UNLESS NOTED OTHERWISE.
3. ALL OUTSIDE CORNERS WITHIN ALL ROOMS SHALL HAVE ¾" RADIUS PVC CORNER BEADS AT ALL CORNERS, GYPSUM BOARD WINDOW RETURNS AND COLUMNS - SEE DETAILS 2 & 3 /A-091
4. FOR PARTITION DESIGNATIONS REFER TO DRAWING A-012 AND DRAWING A-091 FOR PARTITION TYPE DETAILS.
5. VINYL GRAPHIC PACKAGE TO BE PROVIDED BY WM PRINTING OR THE IDENTITY GROUP(REQUIRED). DEVELOPER/GC TO COORDINATE VINYL GRAPHIC DETAILS WITH TLE CONSTRUCTION MANAGER. MBB GRAPHICS ARE PART OF A TLE BRANDED GRAPHICS PACKAGE, WHICH INCLUDES GRAPHICS IN MBB, RECEPTION, CLASSROOMS, LOUNGE, HALLWAYS, ALL OF WHICH ARE THE RESPONSIBILITY OF THE DEVELOPER.
6. REFER TO DRAWING A-111 FOR ENLARGED TOILET ROOM PLANS AND DRINKING FOUNTAIN DETAILS. REFER TO DRAWING P-100 FOR SPECIFICATIONS.
7. THE FURNITURE AND MILLWORK PLAN WILL BE PROVIDED SEPARATELY FROM THE PERMIT DRAWING SET.
8. ALL MILLWORK ELEVATIONS & DETAILS - SEE DRAWINGS A-131, A-132, A-133, A-134, AND A-135.
9. FOR PANTRY SEE DRAWING A-134
10. FOR RECEPTION AREA ENLARGED PLANS - SEE DRAWING A-135
11. OUTSIDE PLAYGROUND PLANS AND DETAILS - SEE DRAWINGS A-151 AND A-152
12. REFER TO SHEET T-201 AND T-202 FOR LIST OF REQUIRED AND APPROVED VENDORS.
13. REFER TO SPECIFICATION DRAWINGS FOR INSTALLATION INFORMATION.
14. REFER TO SPECIFICATION DRAWINGS FOR ALL APPLIANCE, LOW VOLTAGE COMPONENT, AND PLAYGROUND EQUIPMENT SPECIFICATIONS.
15. DRYWALL CONTROL JOINTS TO BE FAS-093X BY CLARK DIETRICH (OR APPROVED EQUAL) AND SHALL BE ALIGNED WITH DOOR OR WINDOW JAMB (LEFT OR RIGHT) AT MAXIMUM INTERVALS OF 30'-0". ALSO REFER TO DETAIL 2 ON DRAWING A-042.
16. THE ENTIRE BUILDING SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF CONSTRUCTION.
17. PROVIDE EMERGENCY LOCKDOWN DEVICE AS SPECIFIED ON SHEETS T-205 AND A-122.
18. SECURITY ALARM CONTACTS TO BE INSTALLED AT ALL EXTERIOR DOORS.
19. GENERAL CONTRACTOR TO REFER MILLWORK DRAWINGS AND TO CROSS REFERENCE WITH PLUMBING, ELECTRICAL AND STRUCTURAL.
20. FIRE EXTINGUISHERS NOT TO BE PLACED ON RECEPTION WALL DUE TO WALL GRAPHICS. VINYL GRAPHICS TO BE PROVIDED BY WM PRINTING OR IDENTITY GROUP (REQUIRED)

CONSTRUCTION PLAN KEY NOTES:

1. CONCRETE SIDEWALK. REFER TO APPROVED SITE PLANS FOR FINISHES AND DETAILS. ENSURE SIDEWALKS ARE CLEAR OF OBSTRUCTIONS. PROVIDE FENCING AROUND ANY POTENTIAL SAFETY HAZARDS TO PREVENT ACCESS BY CHILDREN
2. PROVIDE CONCRETE PAD AND CANVAS AWNING. PROVIDE PICNIC TABLES AS SHOWN. REFER TO DRAWINGS A-151 & A-152 FOR ADDITIONAL INFORMATION
3. 4 FT. TALL SOLID VINYL PRIVACY FENCE AND GATE. SEE DRAWING A-151 FOR MORE INFORMATION
4. 6 FT. TALL SOLID VINYL PRIVACY FENCE AND GATE. SEE DRAWING A-151 FOR MORE INFORMATION
5. PITTCON 6" RADIUS SO-LRT OUTSIDE CORNER WITH TANGENT FINS BY SOFTFORMS. REFER TO DETAIL 4 ON DRAWING A-091
6. 55" TV TO BE MOUNTED VERTICALLY AT 60" AFF TO C.L. (39" AFF TO BOTTOM, 88" AFF TO TOP) WITH FLUSH-MOUNT, NON-TILT BRACKET APPROVED FOR MOUNTING IN VERTICAL ORIENTATION. PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA RECEPTACLE AT 72" AFF TO C.L. PROVIDE 2x10 BLOCKING (32" WIDE) BEHIND TV, FLUSH WITH BOTTOM OF OUTLET, AND CENTERED ON OUTLET. REFER TO DRAWING SPECIFICATIONS FOR FURTHER INFORMATION.
7. PROVIDE DVR SHELF AND (2) MONITORS; TO BE MOUNTED ON (2) WALL-MOUNTED BRACKETS WITH 2X10 BLOCKING (32" WIDE) FLUSH WITH BOTTOM OF OUTLET AND CENTERED ON OUTLET. REFER TO DETAILS 1 & 2 ON DRAWING A-134. **DVR SHOULD HAVE NO HARD DRIVE and CANNOT RECORD**
8. SMART BOARD PROVIDED BY FRANCHISEE AND TO BE INSTALLED BY OTHERS - REFER TO DETAILS ON DRAWING A-082
9. G.C. TO PROVIDE AND INSTALL (1) WIRE SHELF 16" DEEP MOUNTED AT 6'-0" A.F.F.; FASTENED DIRECTLY TO STUDS. PROVIDE 2x10 BLOCKING. REFER TO DETAIL 7 ON SHEET A-131.
   LAUNDRY: WALL TO WALL SHELF, ABOVE WASHER/DRYER
   JAN. CL.: 3'-0" WIDE, ABOVE UTILITY SINK
10. PROVIDE (5) 16" DEEP WIRE SHELVES IN THE CLOSET, WALL TO WALL. FIRST SHELF AT 20" A.F.F., THEN 34", 48", 62", & 76" A.F.F. (5 SHELVES TOTAL). PROVIDE 2x10" BLOCKING. REFER TO DETAIL 7 ON DRAWING A-131.
11. 36"x36" ROOF ACCESS HATCH AND LADDER SHALL BE KEPT CLEAR OF ALL DUCTS, WIRE, CONDUITS, OR OTHER FIXED ITEMS. SEE DETAILS ON DRAWING A-032
12. GUTTER DOWNSPOUT TO GRADE. CONNECT TO UNDERGROUND STORM SYSTEM. (TYP.)
    REFER TO DRAWING A-031, A-032 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
13. WATER HEATER; REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
14. INSTALL 1/2" THICK (MIN.), 2 1/2" TALL PRIMED WOOD CHAIR RAIL (EXAMPLE: DYKES LUMBER PROFILE #552) AT 36" A.F.F. OVER CARPETED SECTION OF ROOM IN INFANT ROOM(S) ONLY. PAINTED "W" PER DRAWING A-042.
15. REFER TO TYPICAL MECHANICAL ROOM LAYOUT ON DRAWING E-201.
16. BLOCKING FOR STANDING SEAM METAL AWNING
    REFER TO STRUCTURAL DWGS.
17. STAFF LOCKERS. REFER TO DETAIL 1 ON A-131.
18. KEY FOB. REFER TO ELECTRICAL DRAWINGS.
19. CALL BOX. REFER TO ELECTRICAL DRAWINGS.
20. BURGLAR ALARM KEYPAD. REFER TO ELECTRICAL DRAWINGS. DO NOT PLACE ON GRAPHICS WALL. COORDINATE WITH TLE FOR FINAL LOCATION.
21. FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS. DO NOT PLACE ON GRAPHICS WALL. COORDINATE WITH TLE FOR FINAL LOCATION.
22. DOOR RELEASE BUTTONS BY SECURITY VENDOR.
    REFER TO A-135 FOR DETAILS.
23. PROVIDE PRIVACY GLASS BY WINDOW MANUFACTURER.
24. SECURITY ALARM CONTACTS TO BE INSTALLED AT ALL EXTERIOR CLASSROOM DOORS AND 6'-0" PLAYGROUND GATES (REFER TO ELECTRICAL DRAWINGS FOR MORE DETAILS).
25. DF-1 (REFER TO SPEC ON PLUMBING SHEETS)
26. DF-2 (REFER TO SPEC ON PLUMBING SHEETS)
27. PROVIDE PLUMBING ROUGH IN FOR ADULT SIZE TOILET. PROVIDE BLOCKING FOR FUTURE GRAB BARS. REFER TO A-111. ROUGH IN TO BE COVERED W/ FLOOR AND WALL CLEAN-OUT COVERS.
28. NIGHTLOCK LOCKDOWN 1 DOOR BARRICADE.

CONSTRUCTION PLAN LEGEND:

- (X) KEYNOTE NUMBER;
- 101 ROOM NAME & NUMBER
- (#) DOOR NUMBER; REFER TO DRAWINGS A-121 AND A-122 FOR DOOR SCHEDULE, DOOR HARDWARE SCHEDULE, AND DETAILS
- (A) WINDOW STYLE; REFER TO DRAWING A-123 FOR WINDOW SCHEDULE, ELEVATIONS AND DETAILS
- BC# NUMBER OF BIN CUBBIES; REFER TO DRAWING A-131; BIN CUBBIES SHOWN FOR AREA CALCULATIONS ONLY, AND TO BE PROVIDED BY GC. EXACT LOCATIONS TO BE COORDINATED WITH TLE.
- DF-1 - EXTERIOR DRINKING FOUNTAIN; REFER TO DRAWING A-111 FOR INSTALLATION DETAILS AND DRAWING P-100 FOR SPECIFICATIONS
- DF-2 - INTERIOR DRINKING FOUNTAIN; REFER TO DRAWING A-111 FOR INSTALLATION DETAILS AND DRAWING P-100 FOR SPECIFICATIONS
- M BLIND SPOT MIRROR, KLEAR-VU BY BROSSARD #P-180; 18" DIAMETER CONVEX MIRRORS FOR BLIND SPOTS IN ROOMS TO BE MOUNTED @ 6" BELOW FINISH CEILING. EXACT NUMBER AND LOCATIONS TO BE COORDINATED WITH TLE.
- ●FE-X FIRE EXTINGUISHER; WALL HUNG, BRACKET
  FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.)
  MANUFACTURER: JL COSMIC
  BRACKET COLOR: WHITE
  INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS
  MOUNT BRACKET WITH EXTINGUISHER HANDLE AT 48" AFF
  LOCATION: PANTRY, LOUNGE AND MECH ROOM
- ◉FE-X FIRE EXTINGUISHER; WALL HUNG, SEMI-RECESSED CABINET
  FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.)
  MANUFACTURER: JL COSMIC
  MODEL: 1017F10 WITH ROUNDED CORNERS
  CABINET COLOR: WHITE
  INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS
  MOUNT CABINET WITH TOP OF DOOR AT 48" AFF AND PROJECTION OF 4" OR LESS FOR ADA COMPLIANCE.
  LOCATION: RECEPTION (NOT LOBBY BOARD WALL) & CORRIDORS
- D / W LAUNDRY APPLIANCES (SIDE-BY-SIDE; TYPICAL)
  REFER TO APPLIANCE SPECIFICATIONS
- D/W LAUNDRY APPLIANCES (STACKABLE; ONLY IF SHOWN ON PLAN)
  REFER TO APPLIANCE SPECIFICATIONS
  STACKING KIT PER MANUFACTURER'S RECOMMENDATION
- D ALT DUCTLESS DRYER (ONLY IF SHOWN ON PLAN)
  REFER TO APPLIANCE SPECIFICATIONS



NORTH

1 CONSTRUCTION PLAN
SCALE: 1/8"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ANY DAMAGE CAUSED TO PERSONS OR PROPERTY, AND SHALL COMPLY WITH ALL OSHA SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL BEFORE. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONTRACT DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
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BB
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PROFESSIONAL CERTIFICATION

CONSTRUCTION PLAN

A-011

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2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORD\FL 3284 WEST 1ST ST\CDS\20. TLEFL24-305-A-012.DWG FASADURIAN PLOTTED: 02/28/2025

GENERAL NOTES:

1. ALL DIMENSIONS SHOWN ARE MEASURED FINISH FACE TO FINISH FACE OF INTERIOR OR EXTERIOR WALL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR WALLS ARE 5" THICK NOMINAL UNLESS OTHERWISE NOTED.
3. REFER TO DRAWING A-091 FOR ADDITIONAL PARTITION TYPE INFORMATION.
4. REFER TO DRAWING A-011 FOR ADDITIONAL GENERAL NOTES, KEY NOTES, AND SYMBOL LEGEND.
5. COORDINATE LOCATION OF ALL PLUMBING, ELECTRICAL WITH WALL BLOCKING FOR ALL MILLWORK ITEMS.

PARTITION LEGEND:

REFER TO A-091 FOR PARTITION DETAILS

1 FULL HEIGHT INTERIOR PARTITION

2 INTERIOR PARTITION

3 PLUMBING WALL

KEY NOTES:

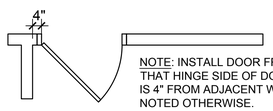
(1) DIMENSION OF BLOCKING AT SMART BOARD. REFER TO DETAIL 1 ON DRAWING A-082.



NOTE: INTERIOR WINDOWS ADJACENT TO DOORS SHALL BE INSTALLED SUCH THAT A MINIMUM OF 1'-6" WALL SPACE IS MAINTAINED BETWEEN THE DOOR FRAME AND THE WINDOW FRAME, UNLESS OTHERWISE NOTED ON THE PLAN. INSTALLATION OF LIGHT SWITCH BOX & TELEPHONE BOX REQUIRED.

4 CONSTRUCTION BETWEEN DOOR & INTERIOR WINDOW

SCALE: N.T.S.

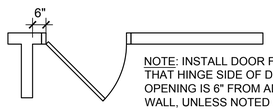


NOTE: INSTALL DOOR FRAME SO THAT HINGE SIDE OF DOOR OPENING IS 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

LOCATIONS:
- ALL TOILET ROOMS
- RECEPTION
- OFFICE
- LAUNDRY
- JANITOR'S CLOSET

3 ALT. HINGE SIDE DOOR TO WALL

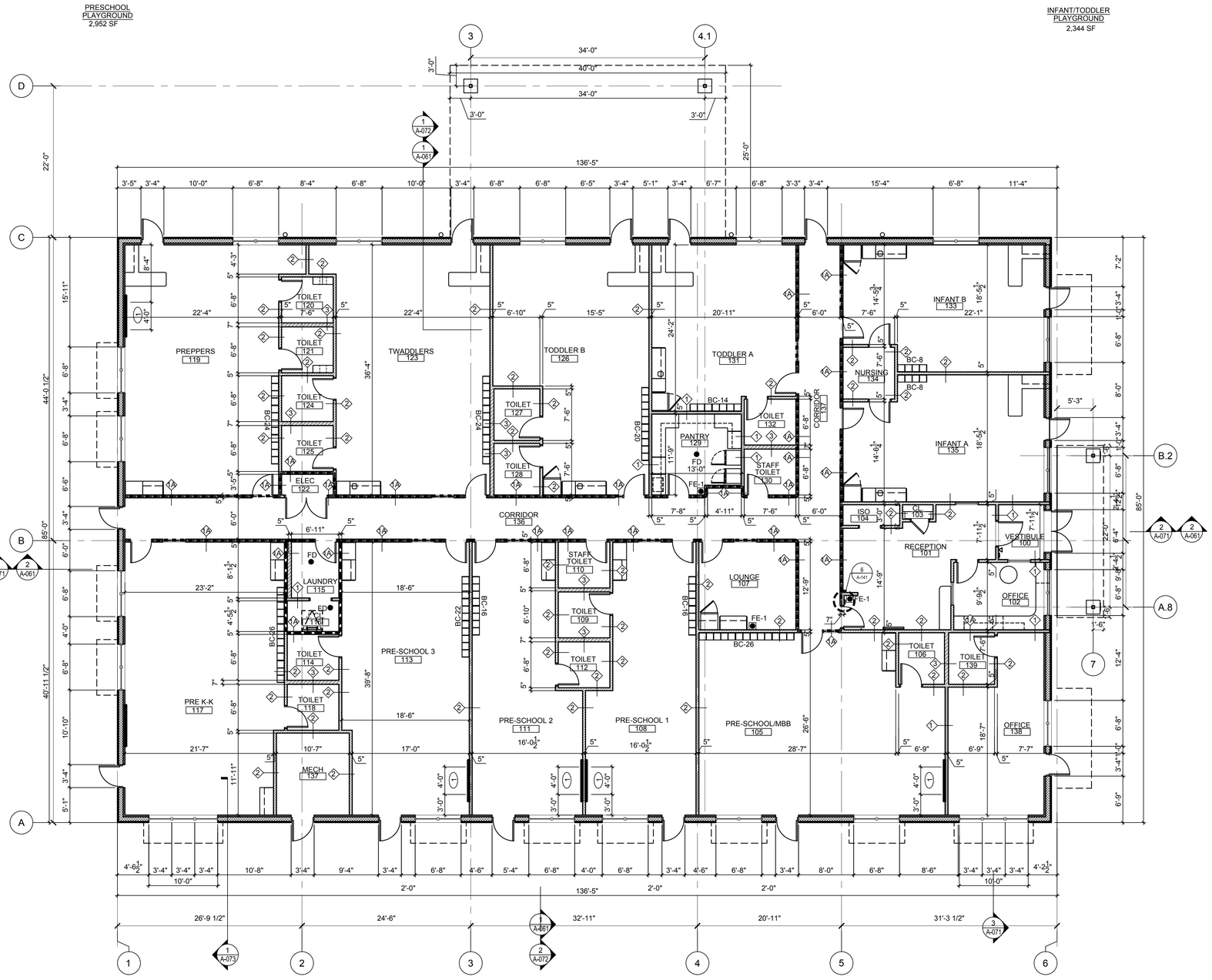
SCALE: N.T.S.



NOTE: INSTALL DOOR FRAME SO THAT HINGE SIDE OF DOOR OPENING IS 6" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

2 TYP. HINGE SIDE DOOR TO WALL

SCALE: N.T.S.



1 DIMENSION PLAN

NORTH

SCALE: 1/8"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL PERSONS CONTRACTED BY HIM ALL WORK PERFORMED AND ALL MEANS AND METHODS IN JOB SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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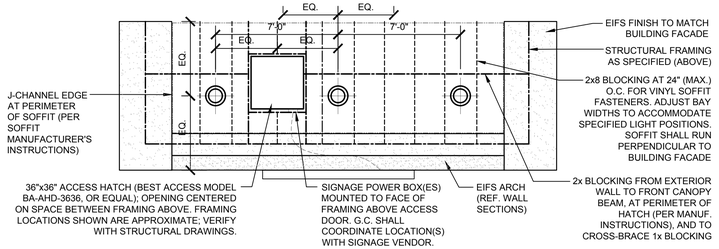
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DIMENSION PLAN

A-012

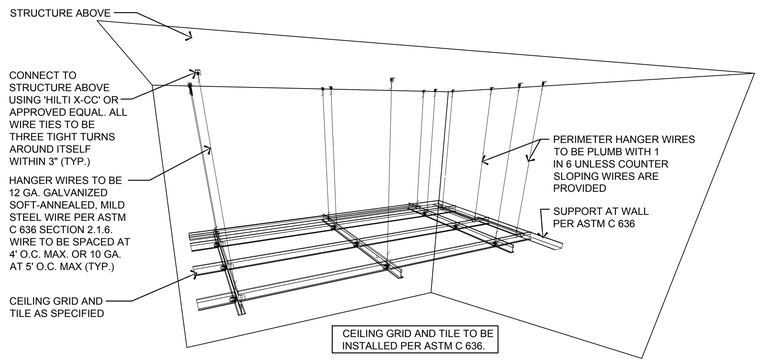
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NOTES:
1. VINYL SOFFIT SHALL BE FASTENED TO UNDERSIDE OF SOFFIT FRAMING ABOVE AND SHALL BE LEVEL. SOFFIT SHALL NOT FOLLOW THE EIFS ARCH CURVE. REFER TO WALL SECTIONS FOR ADDITIONAL INFORMATION.
2. VINYL SOFFIT AT UNDERSIDE OF CANOPY TO BE INSTALLED PARALLEL TO SOFFIT ALONG BUILDING PERIMETER.

3 SIGNAGE ACCESS HATCH DETAIL

SCALE: 1/4"=1'-0"



2 CEILING GRID HANGERS DETAIL

SCALE: NOT TO SCALE



NORTH

1 REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"

REFLECTED CEILING - LEGEND:

- 2'X4' ARMSTRONG 1729 FINE FISSURED, WHITE LAY IN ACOUSTIC TILE WITH SQUARE LAY-IN JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR EQUAL
- 2'X4' ARMSTRONG 672 KITCHEN ZONE, WHITE LAY-IN ACOUSTIC TILE WITH MYLAR FINISH AND SQUARE LAY-IN JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR EQUAL
- 2'X2' ARMSTRONG 584 CIRRUS, WHITE LAY-IN ACOUSTIC TILE WITH REVEAL EDGE JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR EQUAL
- GYPSUM BD. SOFFIT
- 2X4 LIGHT - 2'X4' RECESSED LED LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
- NL/EM — 2X4 LIGHT - 2'X4' RECESSED LED EMERGENCY NIGHT LIGHT FIXTURE WITH BATTERY BACK-UP. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
- 2X2 LIGHT - 2'X2' RECESSED LED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE).
- NL/EM — 2X2 LIGHT - 2'X2' RECESSED LED EMERGENCY NIGHT LIGHT FIXTURE WITH BATTERY BACK-UP (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE).
- LOGO SIGN - "THE LEARNING EXPERIENCE" ILLUMINATED SIGNAGE MOUNTED ON CANOPY - SEE DRAWING A-161.
- WB — WB - WALL BRACKET - LED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) MOUNTED @ +8'-6" AFF. PROVIDE FIXTURE WITH PROTECTIVE WIRE CAGE.
- WB/EM — WB - WALL BRACKET - LED LIGHT FIXTURE WITH BATTERY BACK-UP (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) MOUNTED @ +8'-6" AFF. PROVIDE FIXTURE WITH PROTECTIVE WIRE CAGE.
- RECESSED EXTERIOR DOWN LIGHT (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE)
- NL/EM — EXTERIOR WALL MOUNTED LED EXIT LIGHT FIXTURE WITH DUAL EMERGENCY LAMPS. TO BE MOUNTED OVER THE MAIN ENTRANCE @ 9'-6" A.F.F. AND ALL OTHER EXTERIOR DOORS @ 9'-0" A.F.F. (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) FIXTURE FINISH TO BE WHITE.
- CEILING MOUNTED ILLUMINATED EXIT SIGN WITH BATTERY BACK-UP. SHADING INDICATES ILLUMINATED FACE AND ARROW INDICATES DIRECTION OF EGRESS. MOUNT ON UNDERSIDE OF SOFFIT AS REQUIRED FOR INTENDED VISIBILITY
- © — CEILING MOUNTED CAMERA: **WITHOUT RECORDING FUNCTION.** MOUNTED CAMERAS TO BE INSTALLED TO ENSURE ADEQUATE COVERAGE THROUGHOUT, INCLUDING AT THE EXTERIOR FOR THE PLAYGROUND. EXACT QUANTITY AND LOCATIONS TO BE COORDINATED WITH TLE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.

REFLECTED CEILING - GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK ABOVE CEILING AND SHALL NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION OF CEILING GRID, GYPSUM BOARD CEILINGS AND SOFFITS.
2. ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED WHITE (COLOR 'W' PER PAINT SCHEDULE ON A-042).
3. MAKE BELIEVE BOULEVARD CEILING HEIGHT SHALL BE 9'-10" AFF UNLESS NOTED OTHERWISE. ALL OTHER CEILING HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
4. ALL SUSPENDED CEILING GRIDS SHALL BE DESIGNED TO RESIST SEISMIC FORCE (FP) AS PER INTERNATIONAL BUILDING CODE, LATEST EDITION. REFER TO DETAIL 2 DRAWING A-021 FOR CEILING GRID HANGER DETAIL.
5. REFER TO ENGINEERING DRAWINGS FOR MECHANICAL, ELECTRICAL, PLUMBING AND FIRE ALARM/SPRINKLER LAYOUTS, DETAILS AND SCHEDULES.
6. REFER TO SPECIFICATIONS FOR ALL SWITCHES, LIGHTING FIXTURES AND EXIT SIGNS - REVISIT THIS COMMENT AFTER REVIEW OF DRAWINGS T-201 TO T-209 SPEC PAGES.
7. CONTRACTOR SHALL VERIFY AND CONFIRM ALL LIGHT FIXTURES ARE IN WORKING CONDITION WITH OPERABLE LAMPS AT SUBSTANTIAL COMPLETION OF THE PROJECT.
8. UPON COMPLETION OF CONSTRUCTION, GC SHALL PROVIDE TENANT WITH MINIMUM 1 BOX OF EACH TYPE OF CEILING TILE.
9. ARCHITECT TO CONFIRM BASED ON INDIVIDUAL STATE REGULATION WHETHER THE BATHROOM CEILING TILES ARE REQUIRED TO BE VINYL COATED.

REFLECTED CEILING - KEY NOTES:

1. CEILING TILES TO BE INSTALLED W/ RETAINING CLIPS AT VESTIBULE
2. BUILDING SIGNAGE. REFER TO DETAILS ON DRAWING A-161.
3. 36"x36" ROOF ACCESS HATCH AND LADDER SHALL BE KEPT CLEAR OF ALL DUCTS, WIRE, CONDUITS, OR OTHER FIXED ITEMS. SEE DETAILS ON DRAWING A-032
4. JANITOR'S CLOSET TO RECEIVE (1) LAYER OF GYP FASTENED TO UNDERSIDE OF TRUSSES AND (1) LAYER OF GYP FASTENED TO VERTICAL FACES OF ROOF ACCESS SHAFT. SEE DETAILS ON DRAWING A-032

THE LEARNING EXPERIENCE IS AN ARMSTRONG CEILINGS NATIONAL ACCOUNT PARTNER. TO ENSURE PROPER PRICING IS QUOTED, CONTACT 800-442-4212, ARMSTRONG NATIONAL ACCOUNT CUSTOMER SERVICE OR YOUR LOCAL ARMSTRONG CEILING DISTRIBUTOR AND ASK FOR THE LEARNING EXPERIENCE NATIONAL ACCOUNT PRICING. IF YOU HAVE ANY QUESTIONS, CONTACT CHERYL B. SMITH, ARMSTRONG NATIONAL ACCOUNT MANAGER, CBSMITH@ARMSTRONGCEILINGS.COM

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER MANUFACTURER'S SPECIFICATIONS. ANY DEVIATIONS SHALL BE APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAUTHORIZED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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REFLECTED CEILING PLAN

A-021

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2024.V24.06 PROTOTYPE

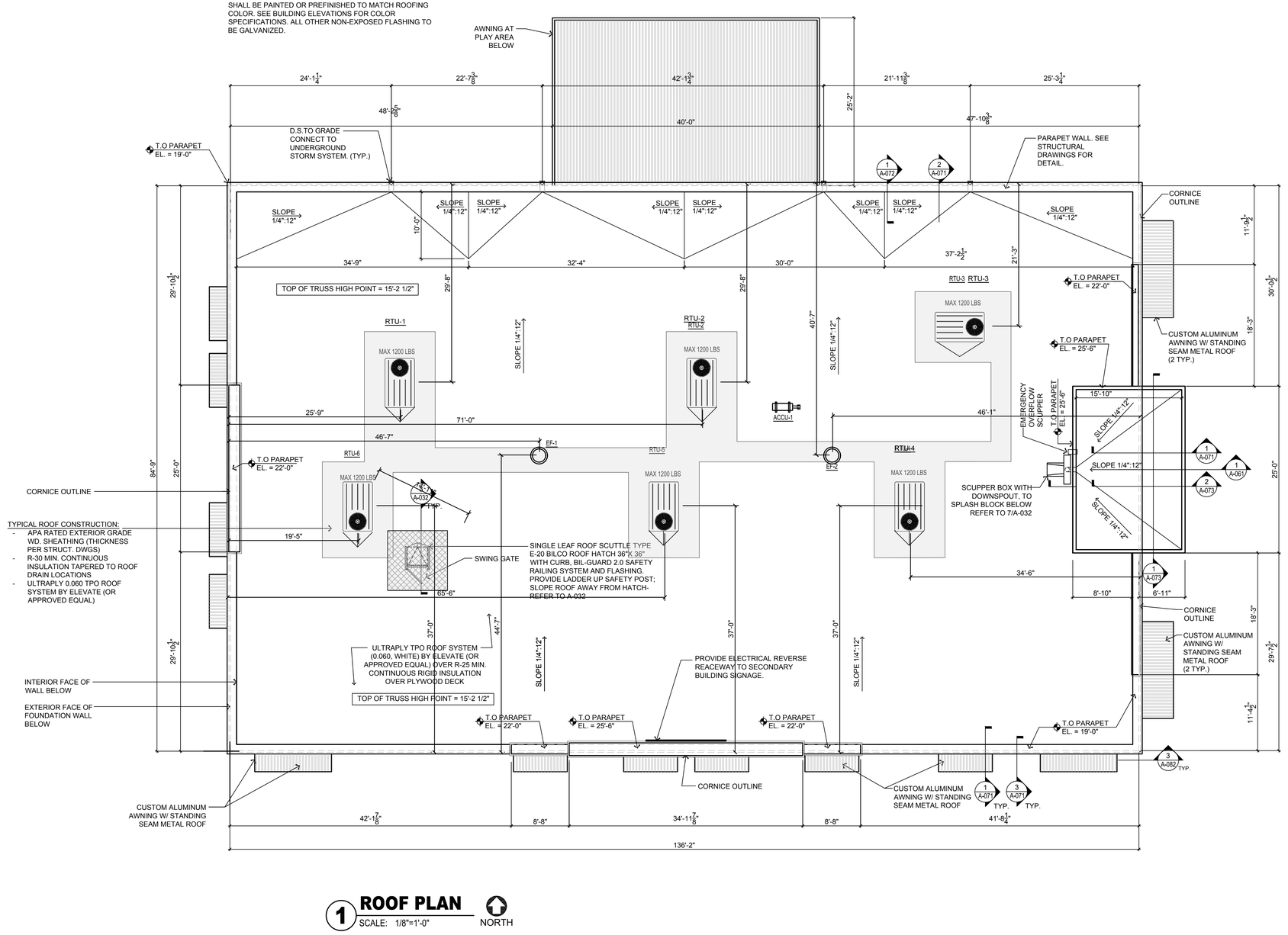
GENERAL NOTES:

1. GENERAL CONTRACTOR (GC) SHALL FIELD VERIFY CONDITIONS AND NOTIFY ARCHITECT IN WRITING OF ANY QUESTIONS.
2. REFER TO SPECIFICATIONS DRAWINGS FOR ADDITIONAL INFORMATION FOR ROOFING, FLASHING REQUIREMENTS, AND MATERIALS.
3. ALL ROOF PENETRATIONS SHALL BE LOCATED 3'-0" OR MORE FROM DRAINAGE FLOW LINES.
4. VERIFY & COORDINATE DUCT CURB AND ROOF PENETRATION LOCATIONS; REFER TO THE MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS AND COORDINATION.
5. PLUMBING VENTS OR EXHAUST UNITS ARE NOT ALLOWED WITHIN 10'-0" OF AIR INTAKES OR 5'-0" OF EXTERIOR WALLS - REFER TO MECHANICAL DWGS.
6. ALL SHEET METAL FLASHING TO COMPLY WITH THE "ARCHITECTURAL SHEET METAL MANUAL", LATEST EDITION AS PUBLISHED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA).
7. ALL SHEET METAL FLASHING EXPOSED TO THE PUBLIC SHALL BE PAINTED OR PREFINISHED TO MATCH ROOFING COLOR. SEE BUILDING ELEVATIONS FOR COLOR SPECIFICATIONS. ALL OTHER NON-EXPOSED FLASHING TO BE GALVANIZED.
8. UPON COMPLETION OF CONSTRUCTION AND PRIOR TO TENANT OCCUPANCY, G.C. SHALL ENSURE THAT THE ENTIRE ROOF, ROOF SCUPPERS/ DOWNSPOUTS, AND OVERFLOW SCUPPERS ARE COMPLETELY CLEAR OF ANY AND ALL DEBRIS (CONSTRUCTION, NATURAL, OR OTHERWISE).
9. PRIMARY ROOF DRAIN LEADERS AND GUTTER DOWNSPOUTS MUST CONNECT TO UNDERGROUND STORM SYSTEM. REFER TO KN 12 ON A-011 AND DETAIL 3 ON P-500. GUTTER DOWNSPOUTS SHALL DROP THROUGH SIDEWALK TO CONNECT TO UNDERGROUND SYSTEM (REFER TO DETAIL 7/A-032). OVERFLOW DRAINS TO BE INSTALLED AS REQUIRED BY CODE.
10. INSTALL ULTRAPLY TPO ROOF SYSTEM (0.060, WHITE, SOLAR REFLECTIVE INDEX SRI / 3 YEAR= 64 MIN.) BY ELEVATE (OR APPROVED EQUAL).

LEGEND:

AREA TO RECEIVE ICE AND WATER LEAK BARRIER MEMBRANE

AREA TO RECEIVE WALKWAY PADS



1 ROOF PLAN

SCALE: 1/8"=1'-0"

NORTH

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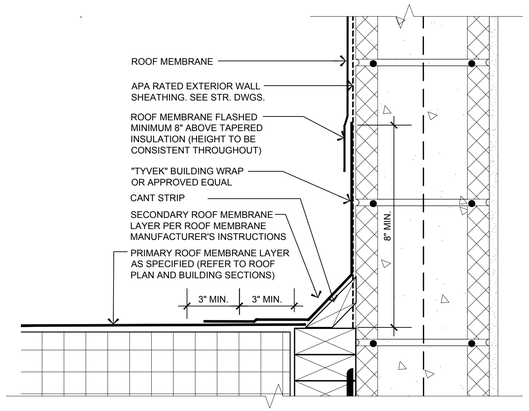
PROFESSIONAL CERTIFICATION

ROOF PLAN

A-031

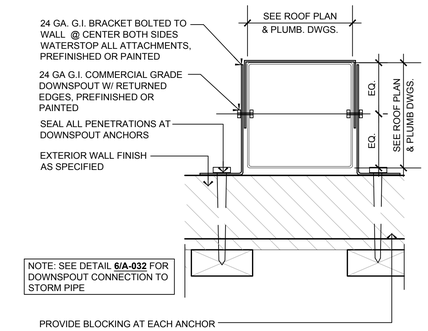
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9 ROOF FLASHING DETAIL
SCALE: 3"=1'-0"

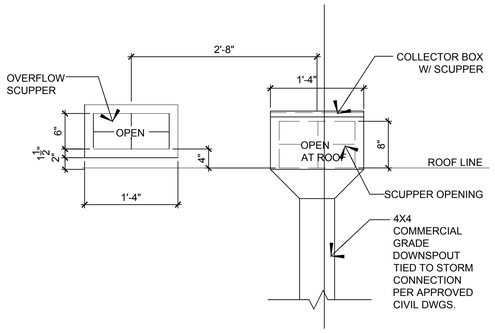
8 TYPICAL ROOF SCUPPER DETAIL
SCALE: 1" = 1'-0"



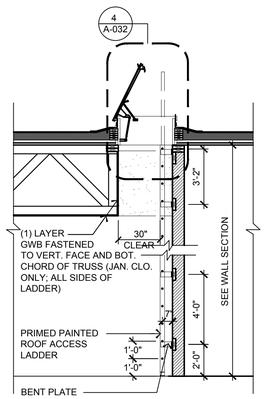
6 DOWNSPOUT STRAP AT KNEEWALL
SCALE: 3" = 1'-0"



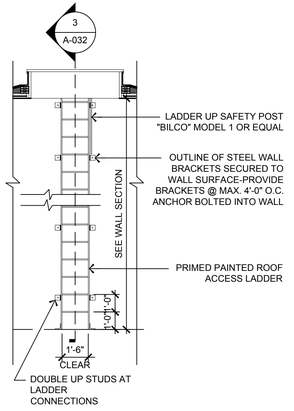
4 SECTION DETAIL
SCALE: 1/2" = 1'-0"



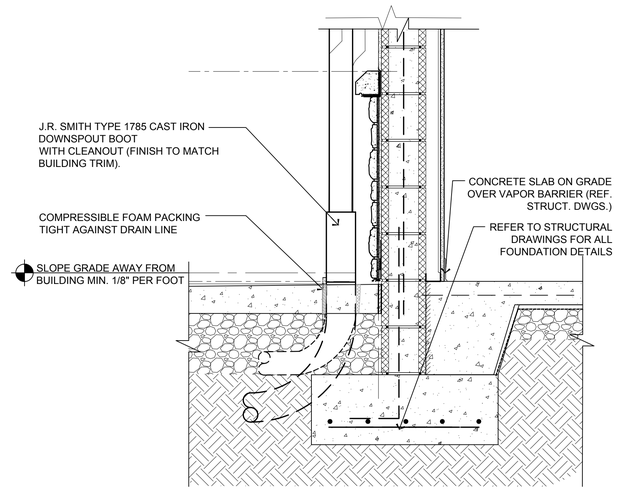
5 SCUPPER ELEVATION
SCALE: 1" = 1'-0"



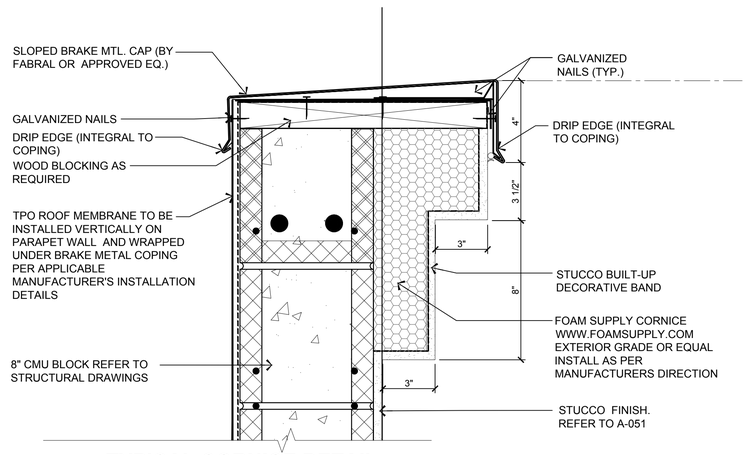
3 LADDER SECTION
SCALE: 1/4" = 1'-0"



2 LADDER DETAIL
SCALE: 1/4" = 1'-0"



7 DOWNSPOUT DETAIL
SCALE: 1" = 1'-0"



1 TYPICAL CORNICE DETAIL
SCALE: 3" = 1'-0"

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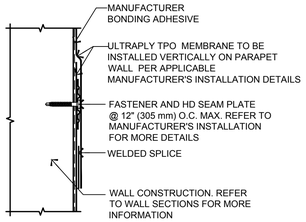
ROOF DETAILS

A-032

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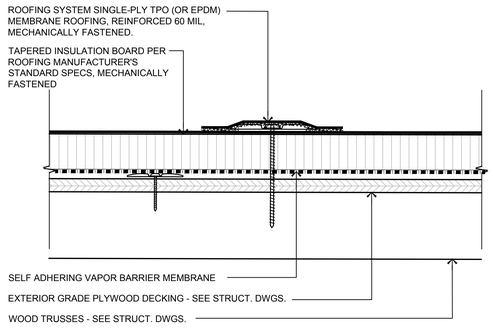
2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE - THE LEARNING EXPERIENCE\TLE - FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\24. TLEFL24-305-A-033.DWG FASADURIAN PLOTTED: 02/28/2025



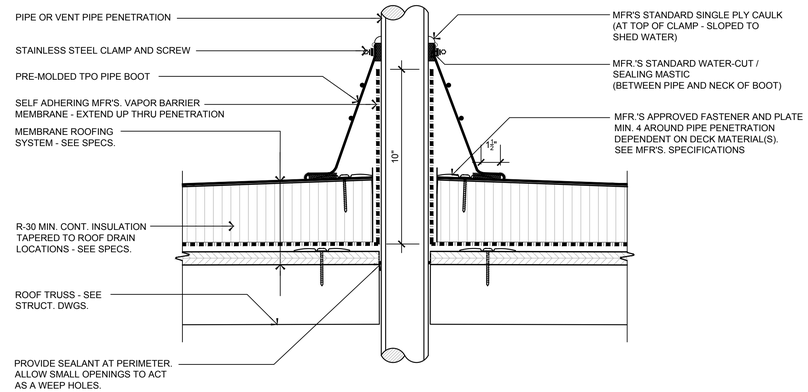
INTERMEDIATE ATTACHMENT DETAIL

4 SCALE: 3"=1'-0"



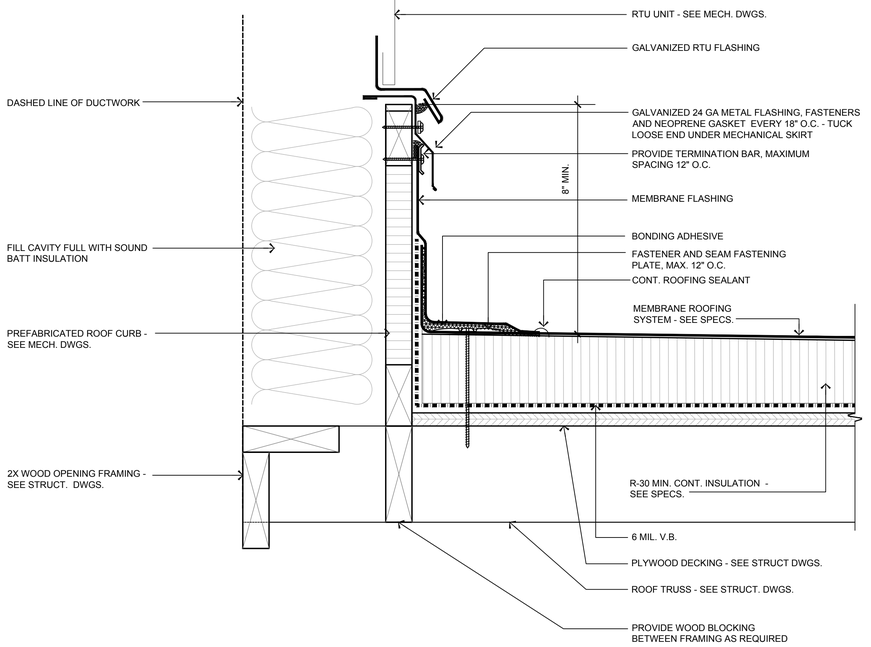
TYPICAL ROOFING SYSTEM DETAIL

3 SCALE: 3" = 1'-0"



ROOF PENETRATION DETAIL- TYPICAL

2 SCALE: 3" = 1'-0"



ROOF EQUIPMENT CURB DETAIL

1 SCALE: 3" = 1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED UNLESS APPROVED OTHERWISE IN WRITING BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. NON-CONFORMING CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO AND APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION



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ISSUE

NO.	DATE	DESCRIPTION
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TLFL24-305
PROJECT NUMBER

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ROOF DETAILS

A-033

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2024.V24.06 PROTOTYPE

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FLOOR FINISH SCHEDULE

LUXURY VINYL TILE (LVT) LEVEL SET LVT:

MANUFACTURER:	INTERFACE
TYPE:	LVT-NATURAL WOODGRAINS
SIZE:	25cm X 1cm
COLOR AND PATTERN:	A00208 SAND DUNE - ASHLAR
ADHESIVE:	XL BRANDS 2000 PLUS - GRID SET DOUBLESTICK PRESSURE SENSITIVE ADHESIVE, WATER-RESISTANT TYPE PER MANUF. RECOMMENDATION FOR PRODUCTS AND SUBSTRATE
FIRE DEST DATA:	ASTM E 662 SMOKE DEVELOPMENT 450 OR LESS

SHEET VINYL FLOOR COVERING:

MANUFACTURER:	SHAW
COLLECTION:	VITALITY SHEET
COLOR:	BENEFIT 73415
PRODUCT #:	0873V
SHEET WIDTH:	AS STANDARD WITH MANUFACTURER; 6.5 FT.
WALL BASE:	TURN UP SHEET VINYL 6" AT ALL WALLS TO CREATE INTEGRAL COVE BASE
ACCESSORIES:	CONTINUOUS STAINLESS STEEL COVE CAP TRIM PRODUCT: FUTURA INDUSTRIES DESCRIPTION: ⅞" LINOLEUM CAP (FULL ROOM PERIMETER) - NO SUBSTITUTIONS CONTINUOUS BONDED PUNCTURE-PROOF ALUMINUM REINFORCEMENT STRIP (FULL ROOM PERIMETER)
FIRE TESTING:	RADIANT FLUX - NFPA CLASS I (ASTM E648) SMOKE DENSITY - <450 (ASTM E662)

NOTES:
1. HOMOGENOUS SHEET.
2. COMMERCIAL GRADE.
3. A SEAMLESS INSTALLATION SHALL BE PROVIDED WHERE POSSIBLE. IF REQUIRED, SEAMS SHALL BE INSTALLED WITH MATCHING WELD ROD AND LOCATED BENEATH FIXTURES TO MINIMIZE VISIBILITY.
4. INTEGRAL COVE BASE RADIUS SHALL NOT EXCEED 1⁄2" WHERE THE WALL MEETS THE FLOOR.

TO BE INSTALLED - TOILETS AND LAUNDRY ROOM

QUARRY FLOOR TILE:

MANUFACTURER:	DALTILE
TYPE:	INTERIOR TYPE BODY, FLAT TILE
BASE:	COVED, COLOR TO MATCH FLOOR TILE
COLOR:	ARID GREY
GROUT:	LATICRETE
GROUT COLOR:	#57 HOT COCOA
CATALOG #:	0042
FACE:	6"x6" PATTERNED FACE WITH STANDARD EDGE
THICKNESS:	5/16"

TO BE INSTALLED - PANTRY

RESILIENT WALL BASE AND ACCESSORIES:

MANUFACTURER:	JOHNSONITE TA4
TYPE:	4" TRADITIONAL VINYL (WITH TOE)
COLORS:	48 GREY
MIN. THICKNESS:	0.080" (2.0 mm), 0.125" (3.2 mm)
LENGTHS:	MANUFACTURER'S STANDARD COILS
FIRE RATING:	CLASS B

TO BE INSTALLED:
48, GREY - ALL WALLS UNLESS NOTED OTHERWISE

CONCRETE FLOOR:

MANUFACTURER:	COROTECH (BENJAMIN MOORE)
TYPE:	WATERBORNE AMINE EPOXY V440
COLORS:	BATTLESHIP GRAY (75) PINK RASPBERRY (2075-40)
INSTALLATION:	FULL COVERAGE; APPLY MIN. TWO (2) COATS

TO BE INSTALLED:
BATTLESHIP GRAY (75) - JANITOR'S CLOSET, AND MECHANICAL ROOM
PINK RASPBERRY (2075-40) - INDOOR PLAY AREA (IF APPLICABLE)
FULL EXTENTS OF UNITY SURFACING

CARPET: (INFANT CLASSROOMS)

MANUFACTURER:	INTERFACE
TYPE:	CARPET TILE, CUSHIONBAC RENEW
PRODUCT:	GATHER
COLOR:	CUSTOM #2711220006190659
FIRE TESTING:	FLOORING RADIANT PANEL (ASTM E-648) PASSES SMOKE DENSITY (ASTM E 662) ≤450 FLAMMABILITY / PILL TEST (DOC-FF1-70) PASSES

TO BE INSTALLED:
- IN ALL INFANT CLASSROOMS AS SHOWN ON PLAN
- QUARTER TURN
- USING xl2000 - DIRECT GLUE DOWN

CARPET: (ALL OTHER CLASSROOMS)

MANUFACTURER:	INTERFACE
TYPE:	CARPET TILE, GLASBAC
PRODUCT:	GATHER
COLOR:	CUSTOM #2711220006190659
FIRE TESTING:	FLOORING RADIANT PANEL (ASTM E-648) PASSES SMOKE DENSITY (ASTM E 662) ≤450 FLAMMABILITY / PILL TEST (DOC-FF1-70) PASSES

TO BE INSTALLED:
- IN CLASSROOMS (NOT INFANT) AS SHOWN ON PLAN
- QUARTER TURN
- USING xl2000 - DIRECT GLUE DOWN

WALK-OFF MAT: (VESTIBULE)

MANUFACTURER:	AMARCO
PRODUCT:	GRAND-BERBER TILE
STYLE:	INDIVIDUAL 20" TILES, 7/16" THICK HOBNAIL
INSTALLATION:	1/4 TURN
COLOR:	SLATE BLUE
FIRE TEST DATA:	ASTM D2859- PILL TEST (SURFACE FLAMMABILITY)

TRANSITION STRIPS:

MANUFACTURER:	JOHNSONITE
PRODUCT:	T-MOULDING CTA-48-M
COLOR:	48, GREY
LOCATION:	CARPET TO LVT FLOOR LVT TO CONCRETE FLOOR (WHERE SPECIFIED)
PRODUCT:	ALUMINUM STRIP
LOCATION:	INTERIOR VESTIBULE DOOR (WHERE SPECIFIED)
PRODUCT:	PEMKO 2006_T SADDLE THRESHOLD
LOCATION:	ALL EXTERIOR DOORS
PRODUCT:	MARBLE SADDLE
LOCATION:	PANTRY/CORRIDOR DOOR
NOTES:	UNLESS NOTED OTHERWISE ON FINISH PLAN REFER TO SHEET A-121 FOR MORE INFORMATION.

STAIR TREADS:

MANUFACTURER:	JOHNSONITE
PRODUCT:	"ROUNDEL" RAISED ROUND WITH INTEGRAL RISER
COLOR:	48, GREY

TO BE INSTALLED:
- ALL STAIRS ON EACH STEP (2 STORY BUILDINGS ONLY)
- ADD NOSING ON EACH STEP

FLOOR FINISH KEY NOTES

1. PROVIDE WALK-OFF MAT - SEE FLOOR FINISH SCHEDULE FOR SPECIFICATIONS
2. TRANSITION STRIP
3. EXTERIOR DOOR THRESHOLD

FLOOR FINISH LEGEND

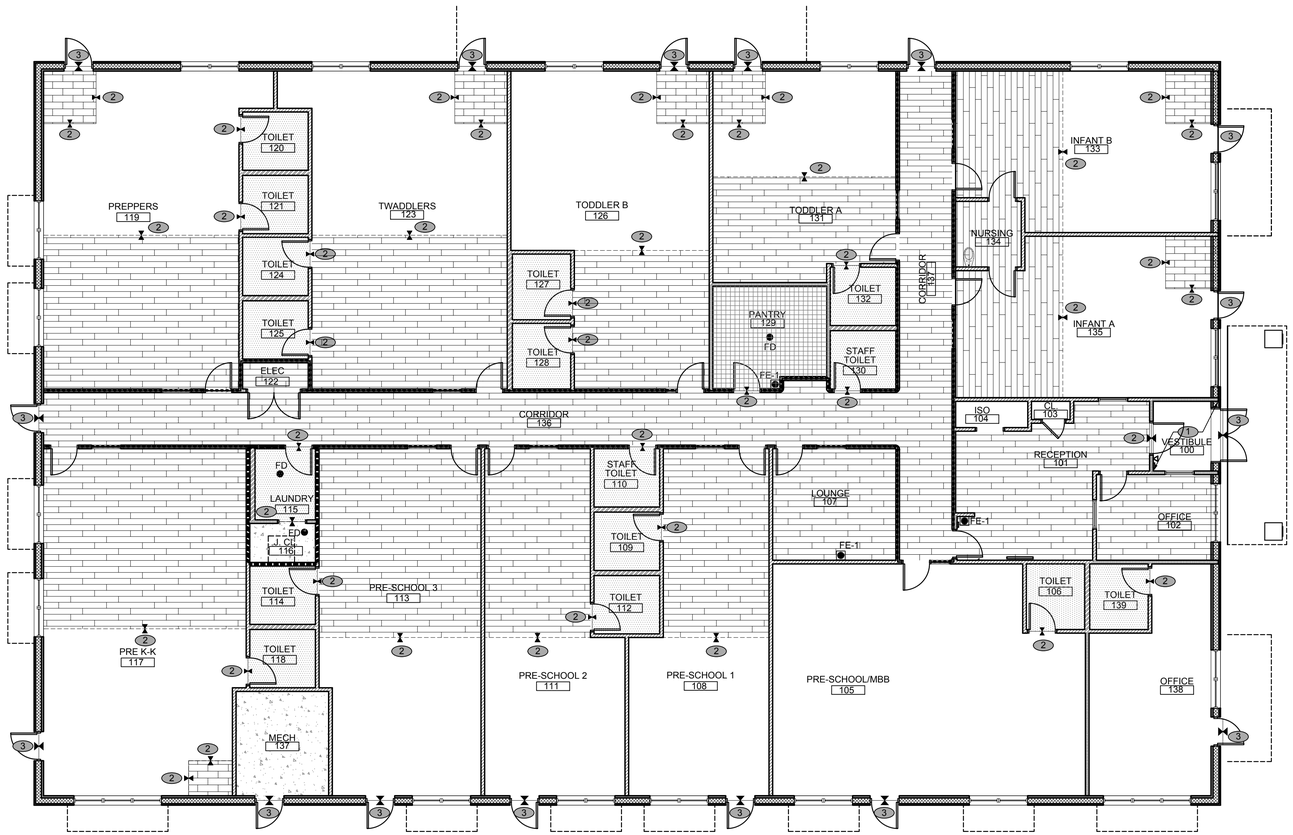
- INDICATE TRANSITION STRIP AT CHANGE IN FLOOR FINISH
- LUXURY VINYL TILE (LVT) - LUXURY VINYL FLOOR TILE (LVT) REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS
- QUARRY TILE: 6"X6" PATTERNED FACE REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS
- SHEET VINYL FLOORING SOLID SHEET WITH WELDED SEAMS AT WET WALLS, 6" INTEGRAL COVE BASE. REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS
- CONCRETE FLOOR - CONCRETE FLOOR PAINTED GRAY WITH VINYL BASE
- CARPET

NOTE - SEE FLOOR FINISH SCHEDULE ON THIS PAGE FOR CARPET AND TILE SPECIFICATIONS, INCLUDING LIST OF COLORS.

FLOOR FINISH GENERAL NOTES:

1. GENERAL CONTRACTOR (GC) SHALL FIELD VERIFY CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. ALL FLOORS SHALL BE PROPERLY PREPARED AND SKIM COATED AS NECESSARY TO ACHIEVE CLEAN SURFACES SO THAT BLEMISHES DO NOT TELEGRAPH THROUGH FINISH MATERIAL.
3. GC SHALL SUBMIT SAMPLES OF ANY ALTERNATE FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERIALS. SEE SPECIFICATIONS DRAWINGS FOR SUBMITTAL PROCEDURE.
4. ALL FLOOR FINISH CHANGES AT DOORWAYS SHALL BE CENTERED UNDER DOOR. PATTERN TO BE CENTERED UNDER DOOR.
5. CARPET TO BE INSTALLED AT END OF CONSTRUCTION AND PROTECTED FROM ANY DEBRIS. CARPETS TO BE THOROUGHLY VACUUMED AT THE COMPLETION OF CONSTRUCTION.
6. REFER TO A-121 FOR TRANSITION DETAILS.
7. UPON COMPLETION OF CONSTRUCTION, GC SHALL PROVIDE TENANT WITH MINIMUM 1 BOX OF LVT, CARPET TILE, WALK-OFF MAT, EACH TYPE OF CEILING TILE, AND QUARRY TILE.
8. FOR (2) STORY TLE'S, THE FOLLOWING LVT UNDERLAYMENT SHOULD BE USED:

   SCI ACOUSTIC UNDERLAYMENT - dBARRIER LUXURY UNDERLAYMENT
   PRODUCT CODE: BV0340
   COLOR: RED
   SUPPLIER: INTERFACE



NORTH

1 FLOOR FINISH PLAN

SCALE: 1/8"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS AND SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS, TO THE ARCHITECT AND TLE'S LEARNING EXPERIENCE FOR APPROVAL. VARIATIONS FROM CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS FOR PLANS, MUST BE APPROVED IN WRITING BY THE ARCHITECT AND/OR THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

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FLOOR FINISH PLAN

A-041

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2024.V24.06 PROTOTYPE

WALL FINISH SCHEDULE:

WALL PADDING:

MANUFACTURER: RESILITE SPORTS PRODUCTS, INC.
STYLE: SAFEGUARD PLUS CONVENTIONAL WAINSCOT PANEL W/ 14 OZ VINYL FABRIC
CATALOG #: RZC25XXX
FIRE RATING: CLASS A
PANEL SIZE: STANDARD PANEL SIZE 24"Wx60"H. CUSTOM SIZES TO BE COORDINATED BY PLAYGROUND VENDOR AS REQUIRED FOR PROPOSED LAYOUT.

COLOR: PURPLE OR RED
LOCATION: INDOOR PLAYGROUND (IF APPLICABLE)
A. FULL PERIMETER
B. FREESTANDING COLUMNS

FIBERGLASS REINFORCED PLASTIC PANELS (FRP):

MANUFACTURER: CRANE COMPOSITES
PRODUCT: GLASBORD EMBOSSED PANEL
PRODUCT CODE: FX
FINISH: WHITE, EMBOSSED
FIRE RATING: CLASS A

FRP JOINT TRIMS, CAPS AND OTHER ACCESSORIES TO BE WHITE.

INTERIOR PAINT: (NO OTHER MANUFACTURERS ALLOWED)

MANUFACTURER: SHERWIN WILLIAMS
PRODUCTS:
- TYPICAL PRIMER: PROMAR 200 ZERO V.O.C. PRIMER
- TYPICAL PAINT: PROMAR 200 ZERO V.O.C. INTERIOR LOW GLOSS EG-SHEL
- WOOD: PROMAR 200 ZERO V.O.C. INTERIOR LOW GLOSS EG-SHEL
- H.M. DOORS/FRAMES: PRO INDUSTRIAL DTM ACRYLIC (SEMI-GLOSS)

THE LEARNING EXPERIENCE - SHERWIN WILLIAMS NATIONAL ACCOUNT (CV71)

GLENN REMLER
ARCHITECTURAL ACCOUNT EXECUTIVE
(954)547-1217
Glenn.J.Remler@Sherwin.com
THE SHERWIN-WILLIAMS COMPANY

CARPET COLUMN WRAP:

MANUFACTURER: INTERFACE
STYLE: MONOCHROME CARPET, ROLLED GOODS
COLOR: 101834 FELT

CARPET REQUIRED AT ALL FREESTANDING COLUMNS
- TO A HEIGHT OF 3'-6"
- ONLY APPLIES IF FREESTANDING COLUMNS SHOWN ON PLAN
- EXCLUDES MBB AND INDOOR PLAY AREAS

WALL FINISH GENERAL NOTES:

1. PRIOR TO COMMENCEMENT OF PAINTING, THE GC. SHALL BE RESPONSIBLE FOR THE FOLLOWING:
   a. FIELD VERIFY THAT ALL SURFACES ARE READY TO ACCEPT PAINTS- NOTIFY ARCHITECT OF ANY DISCREPANCIES
   b. REMOVE OR PROTECT ALL ELECTRIC SWITCHES, OUTLETS, PLATES, SURFACE HARDWARE, ETC.
   c. GC. TO PROTECT ALL ADJACENT SURFACES AS REQUIRED DURING PAINTING.
   d. VERIFY AND CONFIRM WITH TLE THE PAINT FINISH SCHEDULE AND SEQUENCE OF ROOM COLORS TO BE FOLLOWED.
2. CONTRACTOR SHALL SUPPLY ALL PAINT AND MATERIALS AS PER PAINT FINISH SCHEDULE AND PAINT FINISH LEGEND. ALL PAINT AND MATERIAL MUST BE DELIVERED TO THE JOB SITE IN THE MANUFACTURER'S ORIGINAL PACKAGING- NO SUBSTITUTIONS ALLOWED.
3. ALL HOLLOW METAL DOORS, DOOR FRAMES, AND INTERIOR WINDOW FRAMES ARE TO BE FACTORY PRIMED AND FIELD PAINTED ON BOTH SIDES.
   a. INTERIOR DOORS, DOOR FRAMES, AND INTERIOR WINDOW FRAMES SHALL BE PAINTED THE SAME COLOR ON BOTH SIDES UNLESS OTHERWISE INDICATED ON FINISH PLAN.
   b. SIDELIGHT FRAMES (IF SPECIFIED ON PLAN) SHALL MATCH THE ADJOINING DOOR FRAME COLOR.
   c. EXTERIOR DOORS SHALL BE PAINTED TWO COLORS (INTERIOR SIDE COLOR AS SPECIFIED ON THE FINISH PLAN, AND THE EXTERIOR SIDE COLOR TO MATCH BUILDING TRIM.
4. AREAS LISTED BELOW TO BE PAINTED WITH ONE PRIMER COAT AND TWO FINISH COATS OF "W" ON PAINT FINISH LEGEND AND SCHEDULE
   a. CLOSET INTERIOR WALLS
   b. TOILET INTERIOR WALLS
   c. CORRIDOR WALLS
   d. MECHANICAL ROOM INTERIOR WALLS
   e. ALL SURFACES, UNLESS NOTED OTHERWISE.
   f. GYPSUM SOFFIT (ALL SIDES) UNLESS NOTED OTHERWISE
5. ALL WALLS TO BE PAINTED AS PER PAINT FINISH SCHEDULE UNLESS NOTED OTHERWISE.
6. ALL FINISH WORK SHALL BE APPLIED FREE OF SAGS, RUNS, STREAKS, BRUSH OR ROLLER MARKS ETC.
7. UPON COMPLETION, THE GENERAL CONTRACTOR SHALL
   a. REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED, OR SPLATTERED ON SURFACES, INCLUDING LIGHT FIXTURES, DIFFUSERS, SLAB FITTINGS, ETC.,
   b. REINSTALL AND/OR REPLACE ANY DAMAGED ELECTRIC SWITCHES, OUTLETS, PLATES, SURFACE HARDWARE, ETC. AFTER PAINT COMPLETION.
   c. PROVIDE (1) GALLON OF EACH COLOR.
8. GC TO INSTALL VINYL GRAPHICS TO THE SPECIFIC WALLS BEFORE INSTALLING VINYL COVE BASE. TRIMMING THE GRAPHICS IS NOT PERMITTED.

PAINT FINISH SCHEDULE			
FINISH CODE	COLOR	SHERWIN WILLIAMS	
		COLOR NAME	STOCK NO.
W	WHITE	GREEK VILLA	7551
O	ORANGE	BELLINI FIZZ	9008
P	PURPLE	BERRY FRAPPE	9068
Y	YELLOW	DAFFODIL	6901
G	GREEN	PRIMAVERA	9031
B	BLUE	CLOUDLESS	6786

PAINT FINISH SCHEDULE NOTES:
1. PAINT FINISH:
   a. H.M. DOOR AND WINDOW FRAMES SHALL BE SEMI-GLOSS FINISH.
   b. ALL OTHER PAINT SHALL BE EGGSHELL FINISH.
2. ALL PAINTED SURFACES SHALL RECEIVE MINIMUM ONE COAT OF PRIMER AND TWO COATS OF PAINT (UNLESS FACTORY PRIMED BY THE MANUFACTURER). REFER TO SPECIFICATIONS DRAWINGS FOR ADDITIONAL INFORMATION.
3. SELECTED COLOR PALETTE SHALL BE FROM ONE OF THE ABOVE MANUFACTURERS.
4. NO SUBSTITUTIONS WILL BE ALLOWED.

WALL FINISH KEY NOTES

1. CHAIR RAIL TO BE PAINTED "W" PER PAINT FINISH SCHEDULE. REFER TO CONSTRUCTION PLAN FOR ADDITIONAL INFORMATION.
2. IN PANTRY, ALL WALLS INCLUDING SPLASH AREAS ABOVE COUNTER, TO RECEIVE F.R.P. TO 7'-6" A.F.F., REFER TO WALL FINISH SCHEDULE (THIS PAGE) AND PANTRY DETAILS A-133 FOR ADDITIONAL INFORMATION.
3. FRP TO BE INSTALLED IN LAUNDRY ROOM AND JANITOR'S CLOSET ON WALL BEHIND SINK AND 3' EACH SIDE OF SINK TO 7'-6" A.F.F. REFER TO WALL FINISH SCHEDULE (THIS PAGE).
4. FRP TO BE INSTALLED IN TOILET ROOMS ON WET WALL(S) AND ADJACENT WALL(S) TO A MINIMUM HEIGHT OF 4'-6" A.F.F. REFER TO WALL FINISH SCHEDULE (THIS PAGE).

PAINT FINISH LEGEND:

(W) DOOR AND FRAME
EXTERIOR DOOR: INTERIOR SIDE ONLY:
REF. A-051 FOR EXTERIOR COLOR
INTERIOR DOOR: BOTH SIDES

(W) INTERIOR WINDOW AND FRAME- BOTH SIDES

(W/W) WALL AND GWB SOFFIT

WALL GRAPHICS LEGEND:

WG-1 RECEPTION: TREE OF HAPPINESS FULL WALL GRAPHICS

WG-2 RECEPTION (ABOVE CABINETS): POSITIONING STATEMENT (84"W X 5"H)

WG-3 RECEPTION: MEET OUR FAMILY (45"W X 22"H)

WG-4 VESTIBULE: MISSION STATEMENT (50"W X 45"H)

WG-5 MBB HALLWAY: FULL GRAPHIC WALL

WG-6 MBB: 2 FULL WALL GRAPHICS INSIDE MBB

WG-7 STAFF LOUNGE: PENNY'S PLACE (FULL WALL)

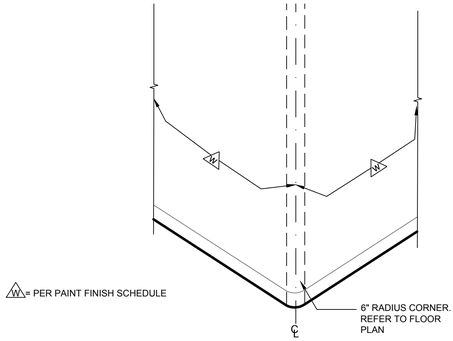
WG-8 CORRIDOR WATER FOUNTAINS: SURROUNDING (3) WALLS AROUND WATER FOUNTAINS OF SONAR'S GRAPHICS

NOTE: ALL WALL GRAPHICS TO CONTINUE TO CORNERS

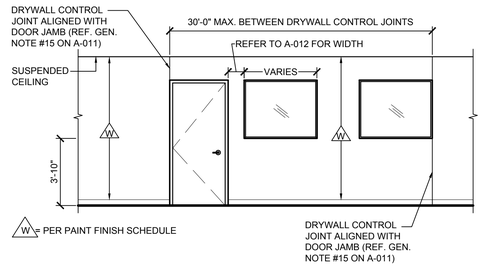
WALL GRAPHICS NOTES:
1. VINYL GRAPHICS TO BE PROVIDED BY WM PRINTING OR THE IDENTITY GROUP (REQUIRED)
2. GC TO COORDINATE TLE BRANDED GRAPHICS PACKAGE WITH TLE CONSTRUCTION MANAGER.
3. ALL WALLS TO RECEIVE GRAPHICS SHALL BE LEVEL 5 FINISH.
4. NO DEVICES TO BE ADHERED TO A WALL WITH GRAPHICS, (SUCH AS MILLWORK, FIRE EXTINGUISHERS, ETC.) IF CLARITY IS REQUIRED ON A PROJECT, GC IS TO CONFIRM ALL DETAILS WITH TLE.
5. TLE RESERVES THE RIGHT TO ADD ADDITIONAL GRAPHIC BRANDING TO THIS PACKAGE AT THE RESPONSIBILITY OF THE DEVELOPER.
6. ALL HALLWAYS TO BE WHITE AND RECEIVE THE HALLWAY GRAPHICS INDICATED IN THE BRANDING GRAPHICS PACKAGE.
7. GENERAL CONTRACTOR SHALL WAIT A MINIMUM TWENTY-ONE (21) DAYS, THIRTY (30) DAYS IS PREFERRED, AFTER PAINTING BEFORE WALL GRAPHICS INSTALLATION TO ENSURE THE PAINT IS FULLY DRIED AND CURED.
8. HVAC SYSTEM SHALL BE TURNED OFF THE NIGHT BEFORE WALL GRAPHICS INSTALLATION.

WALL GRAPHICS VENDOR:
WM PRINTING
KELSEY HOUT
PHONE: 561-305-7027
tle@wmprinting.com

THE IDENTITY GROUP
BRETT WOLFGRAM
CELL: 207-831-3766
tle@theidentitygroup.com



3 RADIUS CORNER DETAIL
SCALE: NTS



2 CORRIDOR FINISH DETAIL
SCALE: 1/8"=1'-0"



1 WALL FINISH PLAN
SCALE: 1/8"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED UNLESS SUBSTITUTIONS ARE APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAUTHORIZED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATIONS HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLFL24-305
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PROFESSIONAL CERTIFICATION

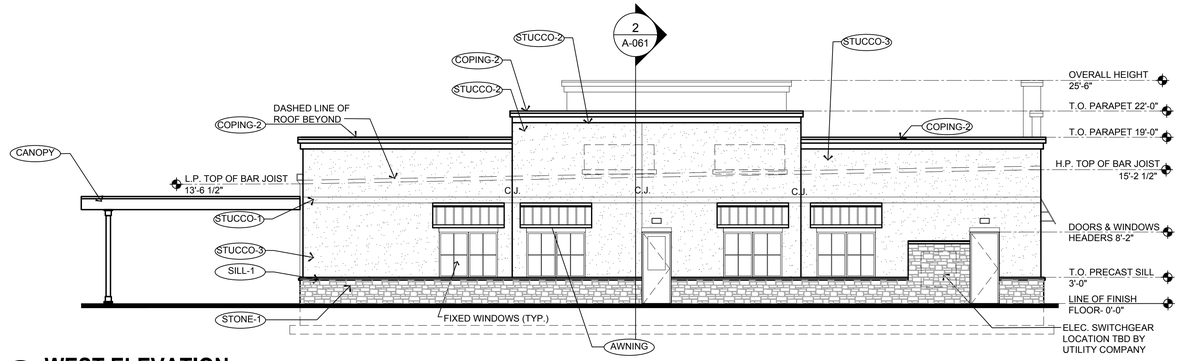
WALL FINISH PLAN

A-042

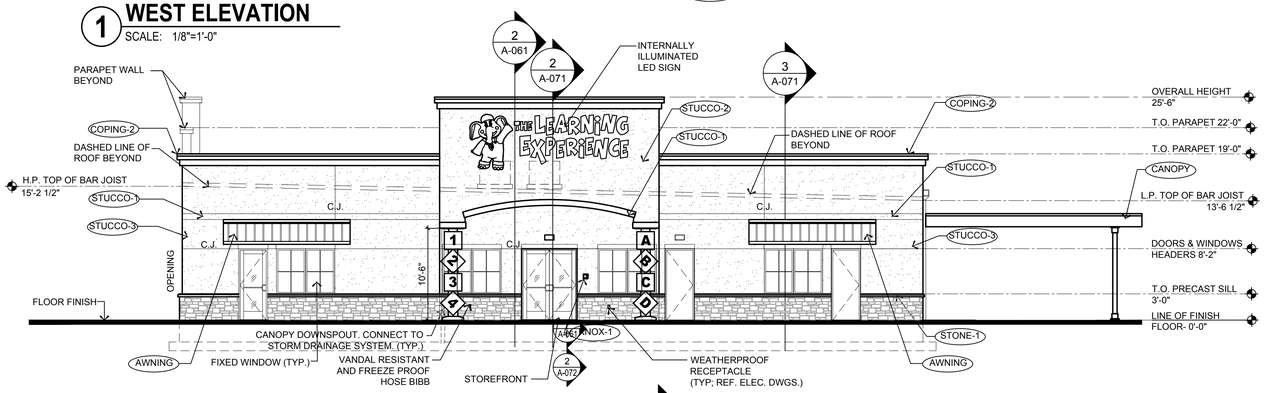
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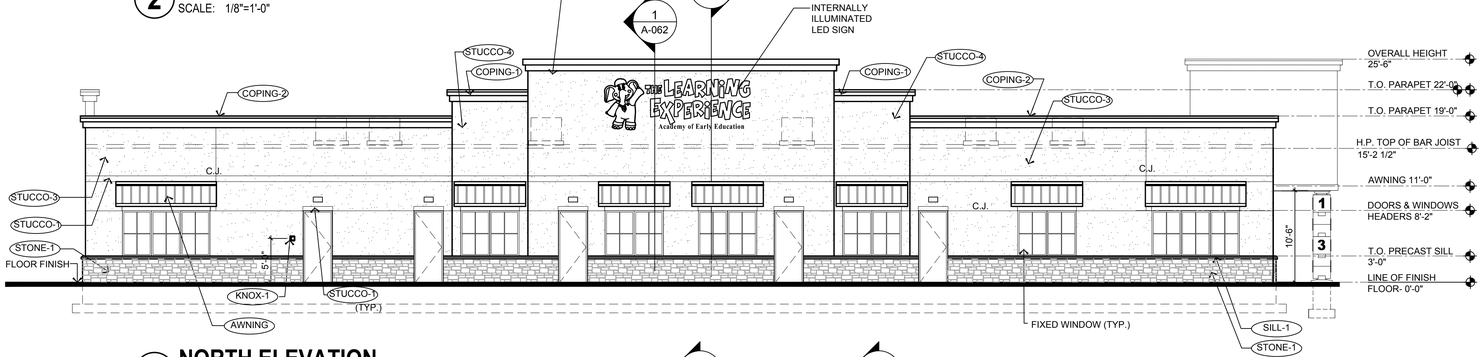
2024.V24.06 PROTOTYPE



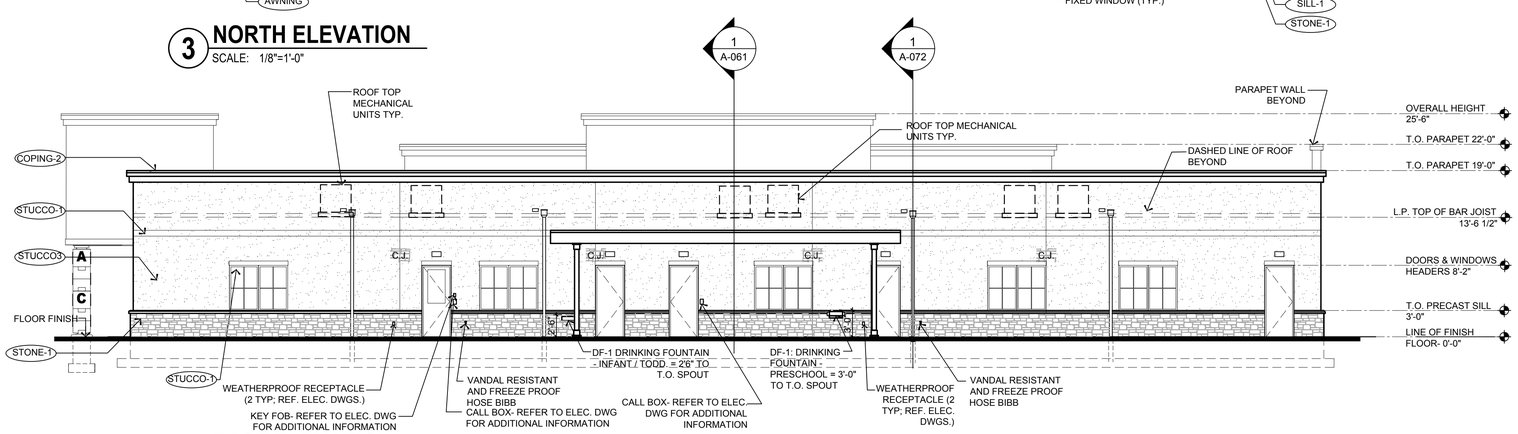
1 WEST ELEVATION
SCALE: 1/8"=1'-0"



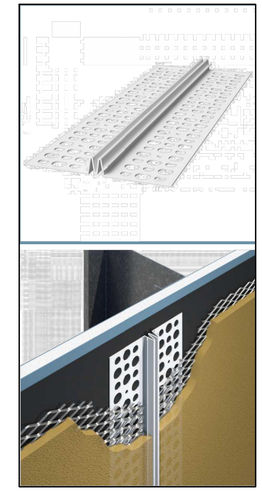
2 SOUTH ELEVATION
SCALE: 1/8"=1'-0"



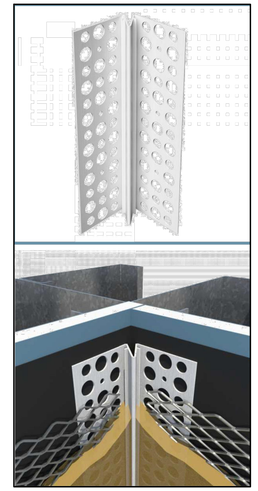
3 NORTH ELEVATION
SCALE: 1/8"=1'-0"



4 EAST ELEVATION
SCALE: 1/8"=1'-0"



5 CONTROL JOINT
SCALE: N.T.S.



6 INSIDE CORNER CONTROL JOINT
SCALE: N.T.S.

GENERAL NOTES:
1. ELEVATION DESIGN AND COLORS MAY NOT BE MODIFIED WITHOUT APPROVAL FROM THE CITY.
2. NO MECHANICAL EQUIPMENT ON THE ROOF SHALL BE VISIBLE ABOVE THE PARAPET WALL. PARAPET HEIGHT MINIMUM HEIGHT IS 4'-5"

REQUIRED ARCHITECTURAL ELEMENTS:
1. 5% STACKED STONE ON FRONT BUILDING FACADE.
2. BAHAMA SHUTTERS
3. CANOPY/AWNING AT MAIN ENTRANCE.
4. EXPRESSION LINES
5. RAISED CORNICE OVER DOORS/WINDOWS.
6. STONE/CONRETE PAVERS

EXTERIOR MATERIAL SCHEDULE

LABEL	MANUFACTURER	SIZE / TYPE	FINISH / COLOR
STOREFRONT	KAWNEER	TRIFAB 451T / 350 PER DOOR SCHEDULE	BONE WHITE
DOOR		PER DOOR SCHEDULE	FACTORY PRIMED; FINISH PAINT COLOR: WHITE
FIXED WINDOW	SIMONTON	STORM BREAKER PLUS VINYL FIXED PER WINDOW SCHEDULE	WHITE
STONE-1	QUARRY MILL	STONE VENEER	COLUMBIA CLASSIC GREY TUMBLED ASHLAR STYLE
SILL-1	MODERN PRECAST	3 3/4"Hx6"W W/ 2" FLAT W/ 1/4" DRIP EDGE	REGULAR (LIGHT GREY)
STUCCO-1		3 COAT-	SAND PEBBLE FINISH COLOR: WEB GRAY SW7075
STUCCO-2		3 COAT-	SAND PEBBLE FINISH COLOR: AFRICAN GRAY SW9162
STUCCO-3		3 COAT-	SAND PEBBLE FINISH COLOR: GRAY SCREEN SW7071
STUCCO-4		3 COAT-	SAND PEBBLE FINISH COLOR: CONFIDENT YELLOW SW6911
DOWNSPOUTS & EMERGENCY SCUPPERS	-	6" ALUMINUM TYPE 'K' W/ LEAF SCREEN AND 6" LEADERS	MATCH FRIEZE BOARD
VINYL-1	ROYAL BUILDING PRODUCTS	COLORSCAPES TRIPLE 4 PERFORATED SOFFIT NOM. THICKNESS 0.042"	WHITE (REF. NOTE 2 BELOW)
COPING-1	FABRAL (OR EQUAL)	BREAK METAL	MATCH ADJACENT
COPING-2	FABRAL (OR EQUAL)	BREAK METAL	MATCH ADJACENT
KNOX-1	KNOX BOX	3200 SERIES W/ RECESSED MOUNT FLANGE, HINGE DOOR, & TAMPER SWITCH	DARK BRONZE (REF. NOTE 2 BELOW)
AWNING		CUSTOM ALUMINUM	SW POWDURA POWDER COATING COLOR: GOLDEN CORN PYS9-C0000
CANOPY		CUSTOM METAL	LIGHT GRAY

FINISH SCHEDULE NOTES:
1. G.C. SHALL VERIFY KNOX BOX MODEL(S) AND LOCATION(S) WITH AUTHORITY HAVING JURISDICTION PRIOR TO ORDERING AND INSTALLATION.
2. G.C. SHALL ENSURE ALL EXTERIOR FINISHES ARE INSTALLED AND FINISHED IN COMPLIANCE WITH MANUFACTURERS' WARRANTY REQUIREMENTS.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS AND SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED IN THESE DRAWINGS AND APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. VALUE ENGINEERED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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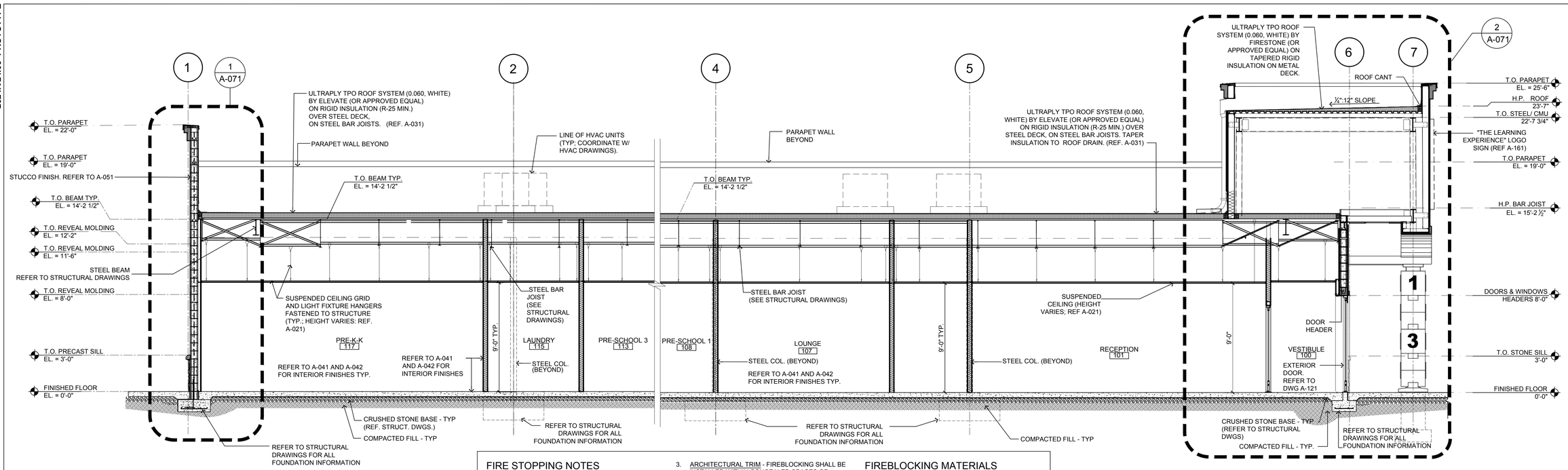
EXTERIOR ELEVATIONS

A-051

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2024.V24.06 PROTOTYPE



2 BUILDING SECTION - LONGITUDINAL

SCALE: 1/4"=1'-0"

FIRE STOPPING NOTES

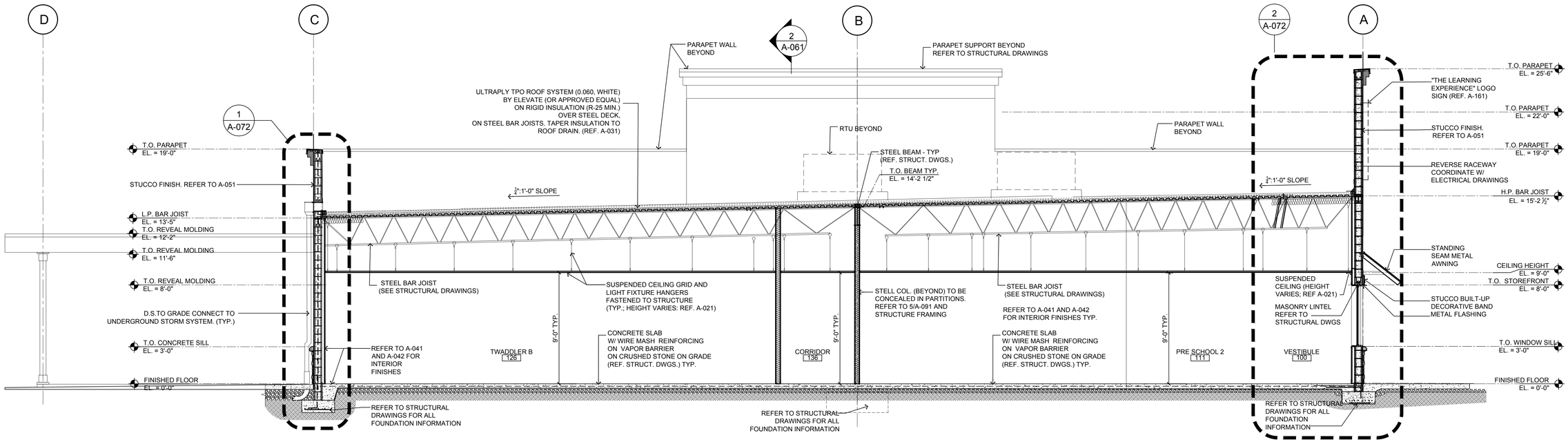
FIRE STOPPING SHALL BE PROVIDED IN WOOD-FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. CONCEALED WALL SPACES - FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS AND AT 10-FOOT MAXIMUM (3048 MM) INTERVALS BOTH VERTICAL AND HORIZONTAL.
2. CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES - FIREBLOCKING SHALL BE PROVIDED AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALLS OR PARTITIONED SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES, AND CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, AND SIMILAR LOCATIONS.
3. ARCHITECTURAL TRIM - FIREBLOCKING SHALL BE INSTALLED WITHIN CONCEALED SPACES OF EXTERIOR WALL FINISHES AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS AT MAXIMUM INTERVALS OF 20 FEET. IF NONCONTINUOUS, SUCH ELEMENTS SHALL HAVE CLOSED ENDS, WITH AT LEAST 4 INCHES OF SEPARATIONS BETWEEN SECTIONS.

FIREBLOCKING MATERIALS

FIREBLOCKING SHALL CONSIST OF:

1. 2 INCH (51 MM) NOMINAL LUMBER, OR
2. TWO THICKNESSES OF 1 INCH (25 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR
3. ONE THICKNESS OF 0.719 INCH (18.3 MM) WOOD STRUCTURAL PANEL WITH JOINTS BACKED BY 0.719 INCH (18.3 MM) WOOD STRUCTURAL PANEL, OR
4. ONE THICKNESS OF 0.75 INCH (19 MM) PARTICLEBOARD WITH JOINTS BACKED BY 0.75 INCH (19 MM) PARTICLEBOARD
5. GYPSUM BOARD, CEMENT FIBERBOARD, BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE SHALL BE PERMITTED AS AN ACCEPTABLE FIRE BLOCK.



1 BUILDING SECTION - CROSS

SCALE: 1/4"=1'-0"

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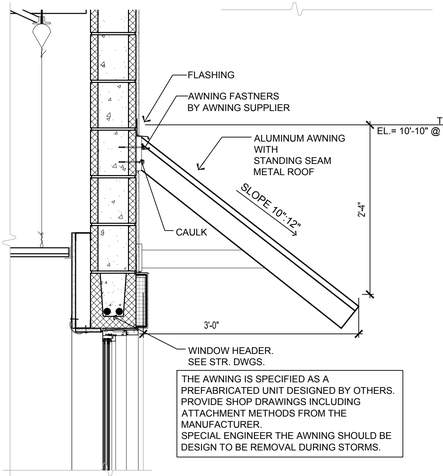
BUILDING SECTIONS

A-061

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND APPROVED BEFORE INSTALLATION OCCURS. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION PER PLANS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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THE AWNING IS SPECIFIED AS A PREFABRICATED UNIT DESIGNED BY OTHERS. PROVIDE SHOP DRAWINGS INCLUDING ATTACHMENT METHODS FROM THE MANUFACTURER.
SPECIAL ENGINEER THE AWNING SHOULD BE DESIGN TO BE REMOVAL DURING STORMS.

4 AWNING DETAIL
SCALE: 1"=1'-0"

FBC 07.2.4 EXTERIOR WALL ENVELOPE.

CONSTRUCTION DOCUMENTS FOR ALL BUILDINGS SHALL DESCRIBE THE EXTERIOR WALL ENVELOPE IN SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH THIS CODE. THE CONSTRUCTION DOCUMENTS SHALL PROVIDE DETAILS OF THE EXTERIOR WALL ENVELOPE AS REQUIRED, INCLUDING FLASHING, INTERSECTIONS WITH DISSIMILAR MATERIALS, CORNERS, END DETAILS, CONTROL JOINTS, INTERSECTIONS AT ROOF, EAVES OR PARAPETS, MEANS OF DRAINAGE, WATER-RESISTIVE MEMBRANE AND DETAILS AROUND OPENINGS.

THE CONSTRUCTION DOCUMENTS SHALL INCLUDE MANUFACTURER'S INSTALLATION INSTRUCTIONS THAT PROVIDE SUPPORTING DOCUMENTATION THAT THE PROPOSED PENETRATION AND OPENING DETAILS DESCRIBED IN THE CONSTRUCTION DOCUMENTS MAINTAIN THE WEATHER RESISTANCE OF THE EXTERIOR WALL ENVELOPE. THE SUPPORTING DOCUMENTATION SHALL FULLY DESCRIBE THE EXTERIOR WALL SYSTEM THAT WAS TESTED, WHERE APPLICABLE, AS WELL AS THE TEST PROCEDURE USED.

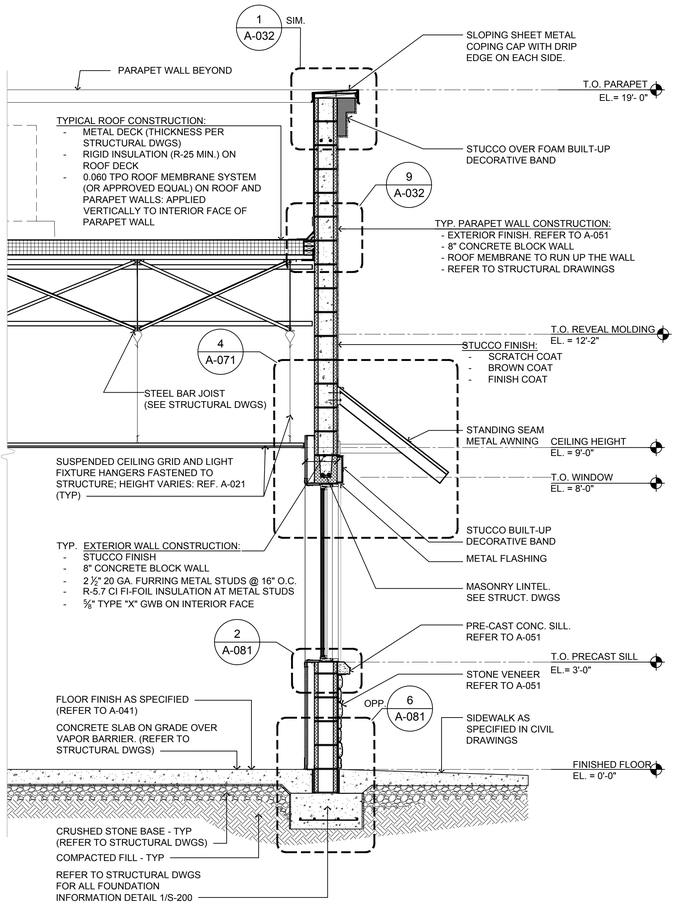
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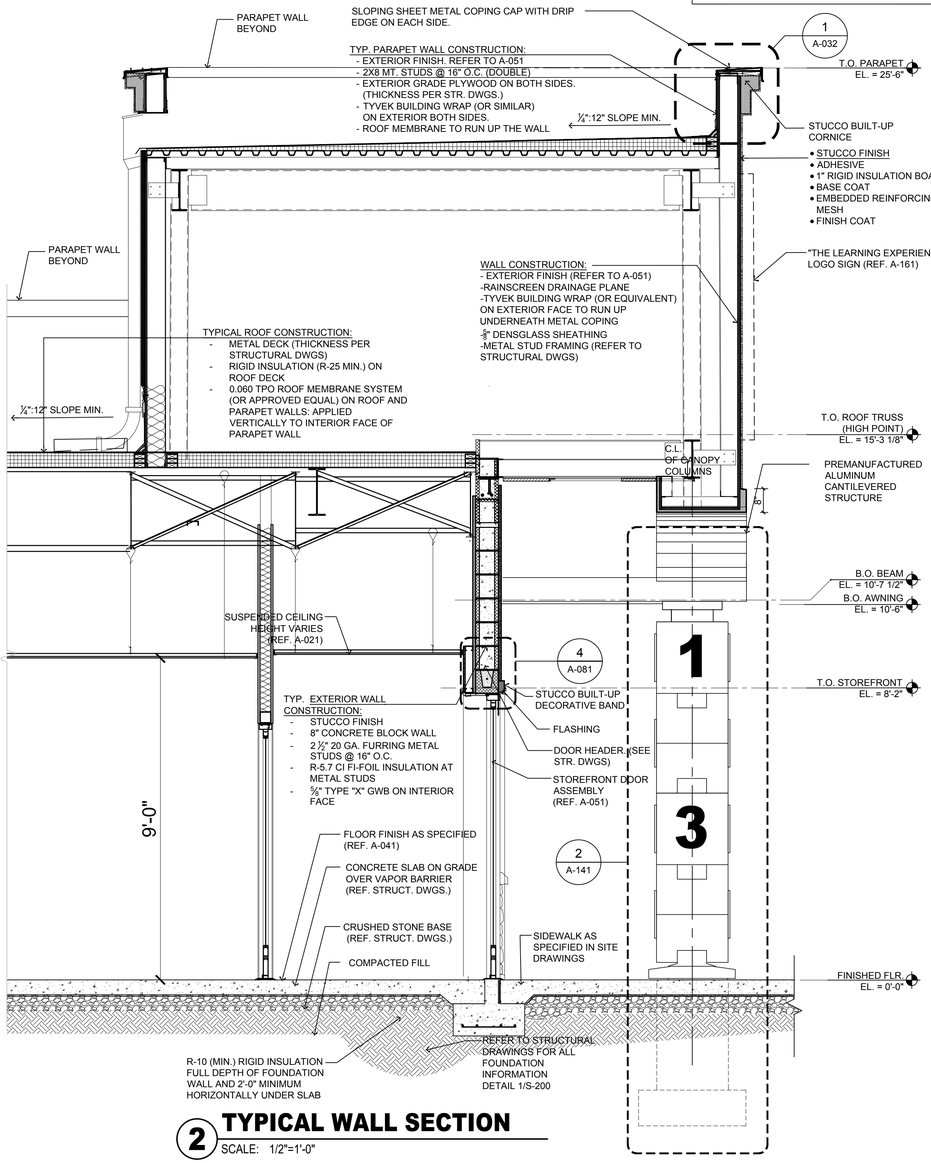
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FIREBLOCKING MATERIALS

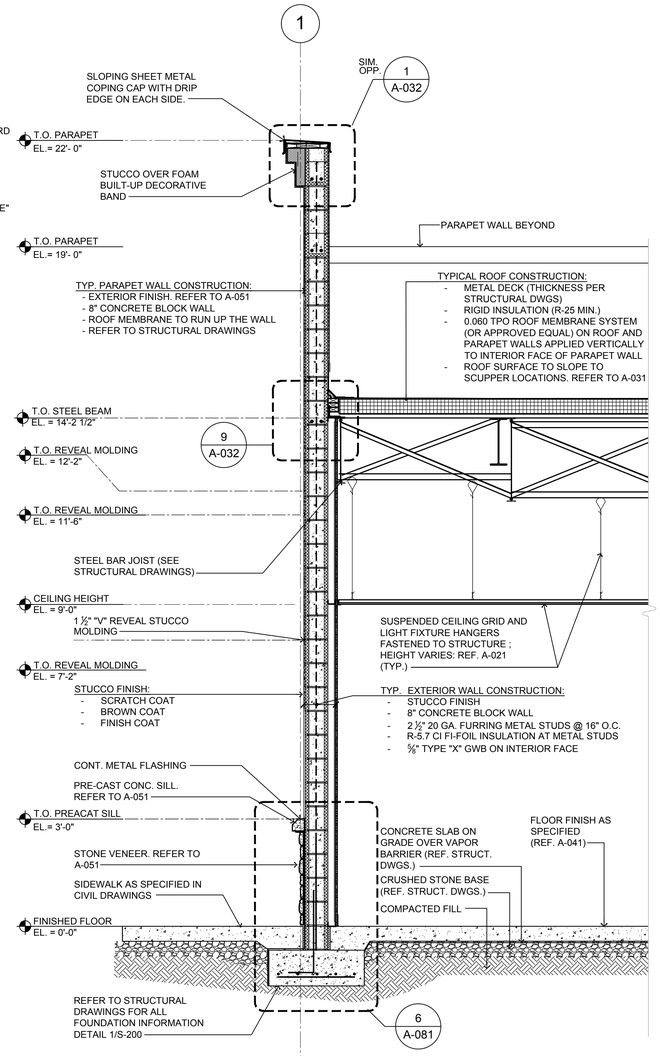
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3 TYPICAL WALL SECTION @ GLAZING
SCALE: 1/2"=1'-0"



2 TYPICAL WALL SECTION
SCALE: 1/2"=1'-0"



1 TYPICAL WALL SECTION
SCALE: 1/2"=1'-0"

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WALL SECTIONS

A-071

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3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND TLE LEARNING EXPERIENCE FOR APPROVAL.

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FBC 07.2.4 EXTERIOR WALL ENVELOPE.

CONSTRUCTION DOCUMENTS FOR ALL BUILDINGS SHALL DESCRIBE THE EXTERIOR WALL ENVELOPE IN SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH THIS CODE. THE CONSTRUCTION DOCUMENTS SHALL PROVIDE DETAILS OF THE EXTERIOR WALL ENVELOPE AS REQUIRED, INCLUDING FLASHING, INTERSECTIONS WITH DISSIMILAR MATERIALS, CORNERS, END DETAILS, CONTROL JOINTS, INTERSECTIONS AT ROOF, EAVES OR PARAPETS, MEANS OF DRAINAGE, WATER-RESISTIVE MEMBRANE AND DETAILS AROUND OPENINGS.

THE CONSTRUCTION DOCUMENTS SHALL INCLUDE MANUFACTURER'S INSTALLATION INSTRUCTIONS THAT PROVIDE SUPPORTING DOCUMENTATION THAT THE PROPOSED PENETRATION AND OPENING DETAILS DESCRIBED IN THE CONSTRUCTION DOCUMENTS MAINTAIN THE WEATHER RESISTANCE OF THE EXTERIOR WALL ENVELOPE. THE SUPPORTING DOCUMENTATION SHALL FULLY DESCRIBE THE EXTERIOR WALL SYSTEM THAT WAS TESTED, WHERE APPLICABLE, AS WELL AS THE TEST PROCEDURE USED.

FIRE STOPPING NOTES

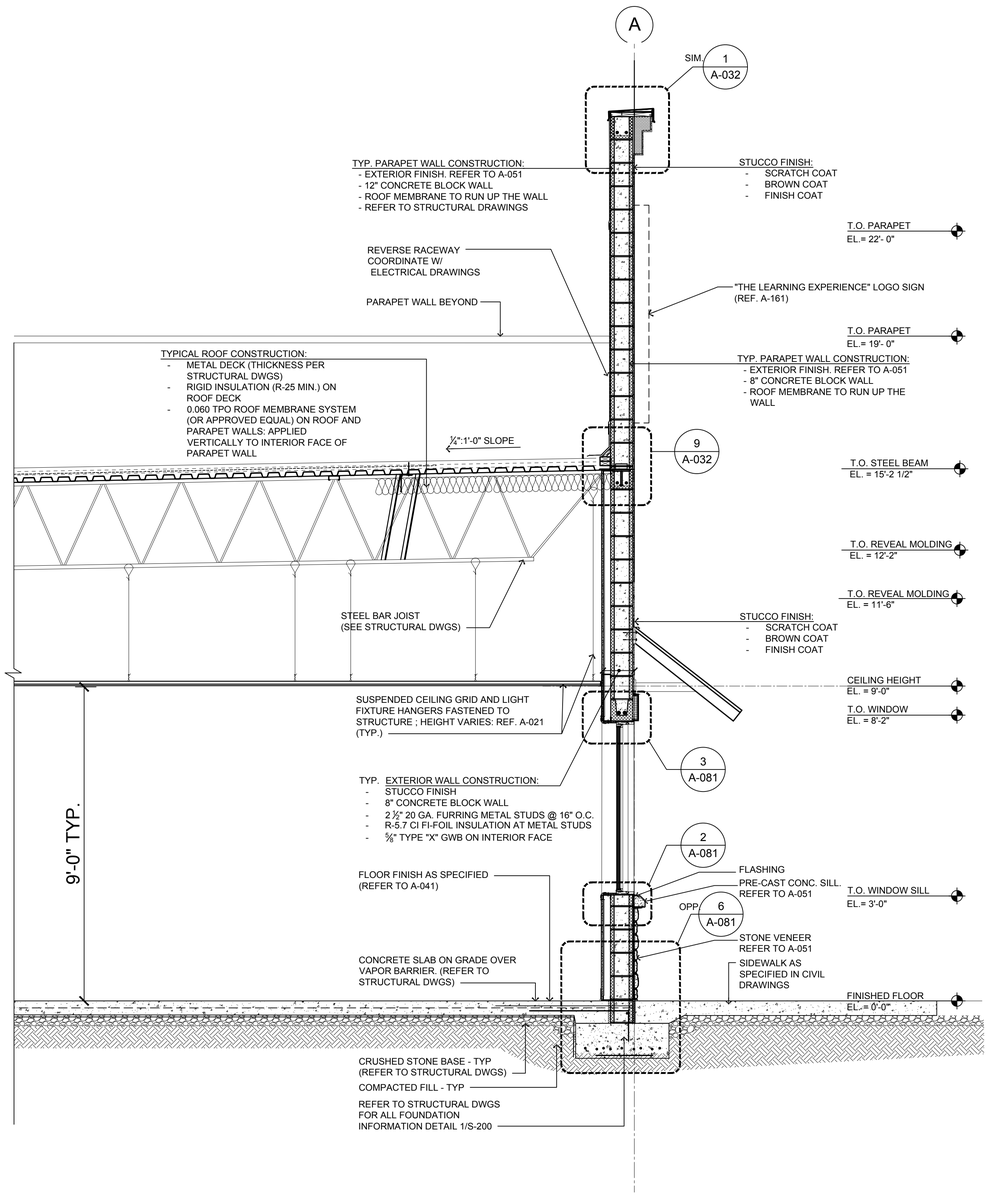
FIRE STOPPING SHALL BE PROVIDED IN WOOD-FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. CONCEALED WALL SPACES - FIREBLOCKING SHALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS AND AT 10-FOOT MAXIMUM (3048 MM) INTERVALS BOTH VERTICAL AND HORIZONTAL.
2. CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SPACES - FIREBLOCKING SHALL BE PROVIDED AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALLS OR PARTITIONED SPACES AND CONCEALED HORIZONTAL SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS OR TRUSSES, AND CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, AND SIMILAR LOCATIONS.
3. ARCHITECTURAL TRIM - FIREBLOCKING SHALL BE INSTALLED WITHIN CONCEALED SPACES OF EXTERIOR WALL FINISHES AND OTHER EXTERIOR ARCHITECTURAL ELEMENTS AT MAXIMUM INTERVALS OF 20 FEET. IF NONCONTINUOUS, SUCH ELEMENTS SHALL HAVE CLOSED ENDS, WITH AT LEAST 4 INCHES OF SEPARATIONS BETWEEN SECTIONS.

FIREBLOCKING MATERIALS

FIREBLOCKING SHALL CONSIST OF:

1. 2 INCH (51 MM) NOMINAL LUMBER, OR
2. TWO THICKNESSES OF 1 INCH (25 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR
3. ONE THICKNESS OF 0.719 INCH (18.3 MM) WOOD STRUCTURAL PANEL WITH JOINTS BACKED BY 0.719 INCH (18.3 MM) WOOD STRUCTURAL PANEL, OR
4. ONE THICKNESS OF 0.75 INCH (19 MM) PARTICLEBOARD WITH JOINTS BACKED BY 0.75 INCH (19 MM) PARTICLEBOARD
5. GYPSUM BOARD, CEMENT FIBERBOARD, BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE SHALL BE PERMITTED AS AN ACCEPTABLE FIRE BLOCK.



2 TYPICAL WALL SECTION @ MAIN ENTRY

SCALE: 1/2"=1'-0"

1 TYPICAL WALL SECTION @ ROOF SCUPPER

SCALE: 1/2"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS TO THE ARCHITECT AND TLE LEARNING EXPERIENCE FOR APPROVAL. NON-CONFORMING CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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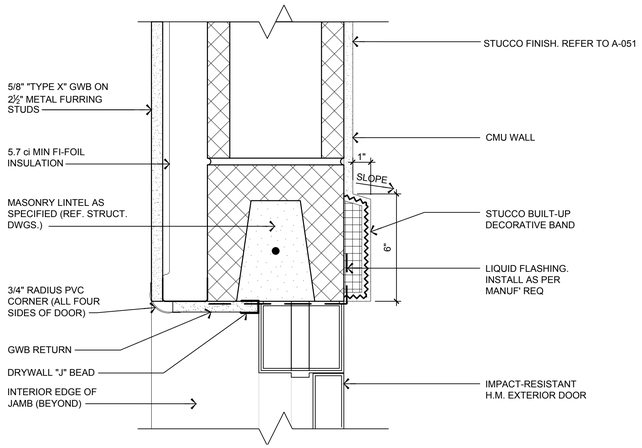
WALL SECTIONS

A-072

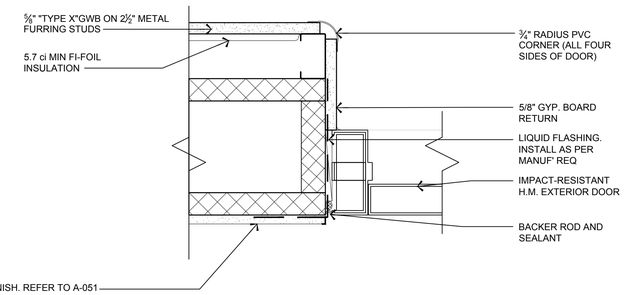
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2024.V24.06 PROTOTYPE

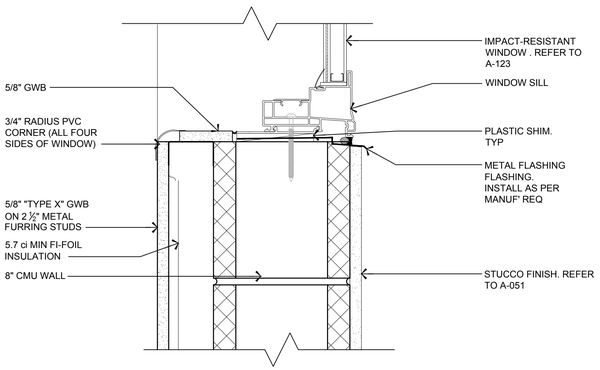


4 HM DOOR HEAD DETAIL @ STUCCO
SCALE: 3"=1'-0"



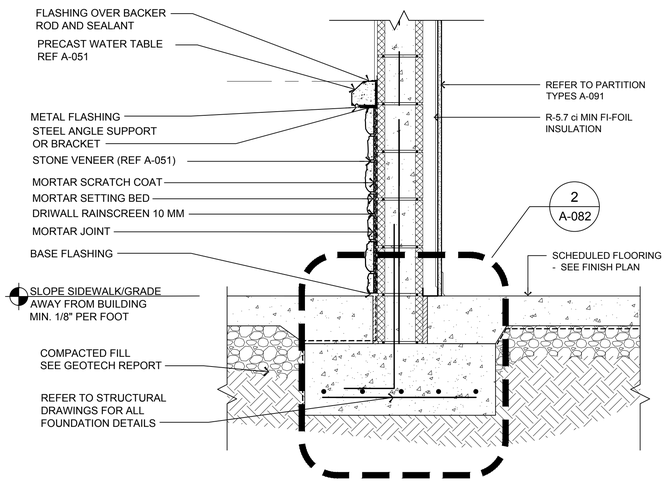
NOTE: FASTENERS PER DOOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.

5 HM DOOR JAMB DETAIL @ STUCCO
SCALE: 3"=1'-0"



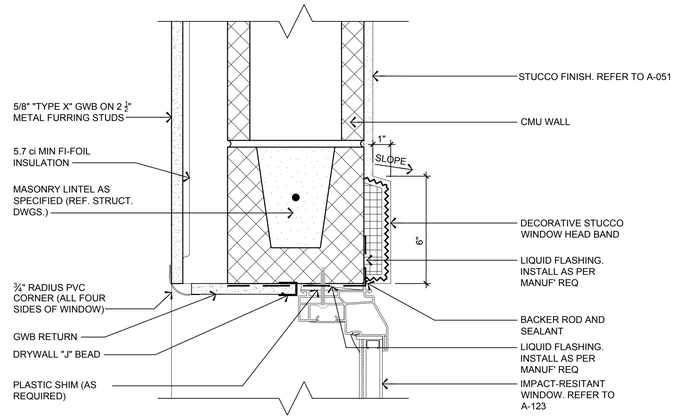
NOTE: FASTENERS PER WINDOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
NOTE: PROVIDE FLASHING WITH GRIT WHEN APPLIED TO THE EXTERIOR FACE OF THE WALL. TYP

7 WINDOW SILL DETAIL
SCALE: 3"=1'-0"

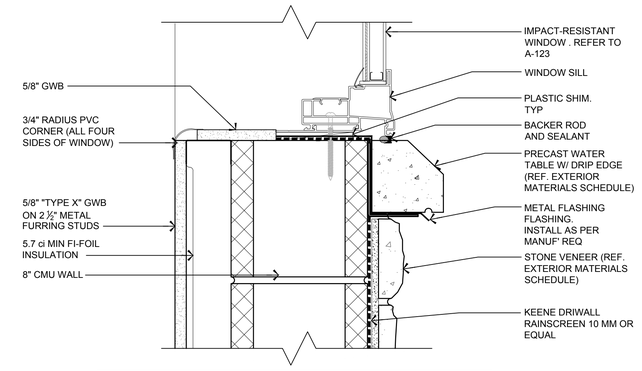


6 TYPICAL DETAIL @ KNEE WALL
SCALE: 1"=1'-0"

NOTE: FASTENERS PER WINDOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
NOTE: PROVIDE FLASHING WITH GRIT WHEN APPLIED TO THE EXTERIOR FACE OF THE WALL. TYP

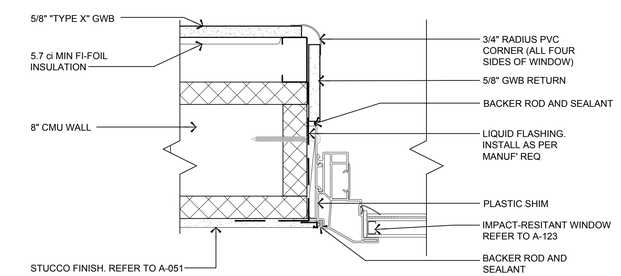


3 WINDOW HEAD DETAIL @ STUCCO
SCALE: 3"=1'-0"



NOTE: FASTENERS PER WINDOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
NOTE: PROVIDE FLASHING WITH GRIT WHEN APPLIED TO THE EXTERIOR FACE OF THE WALL. TYP

2 WINDOW SILL DETAIL
SCALE: 3"=1'-0"



NOTE: FASTENERS PER WINDOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.

1 WINDOW JAMB DETAIL @ STUCCO
SCALE: 3"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

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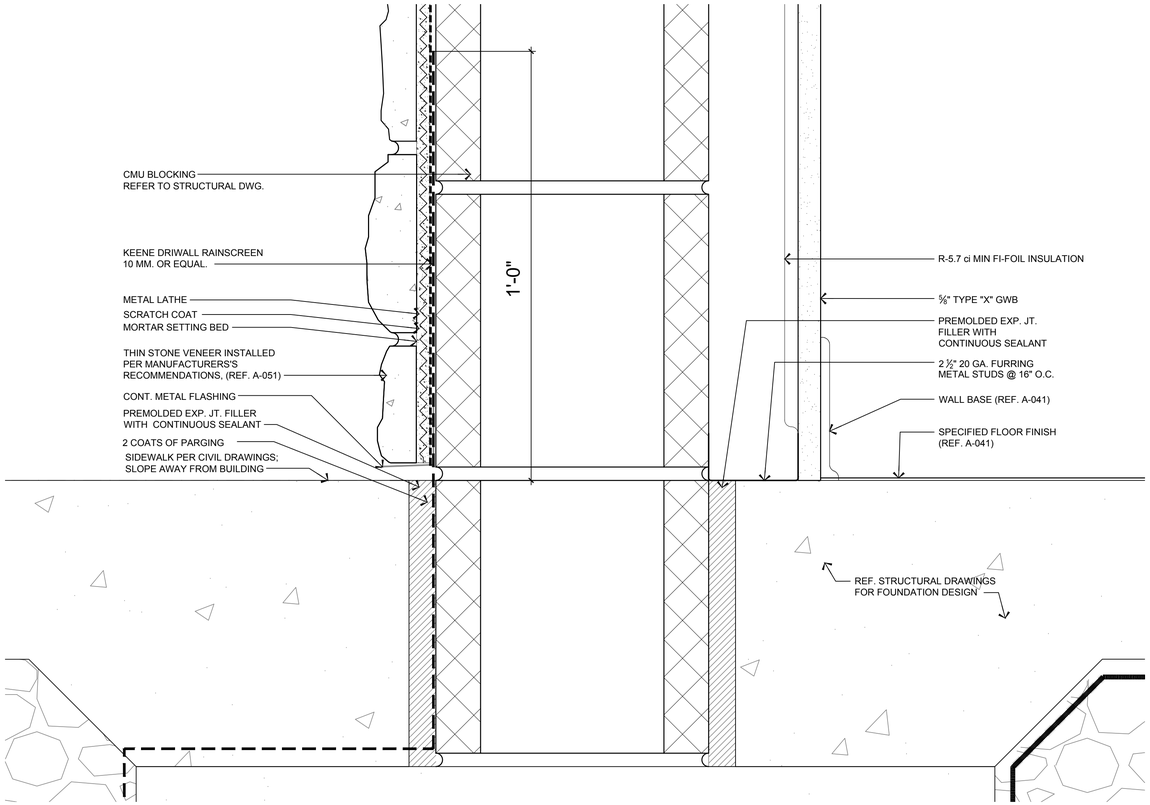
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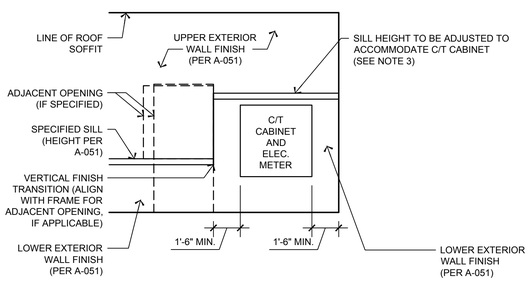
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2024.V24.06 PROTOTYPE



2 DETAIL AT BASE OF EXTERIOR WALL

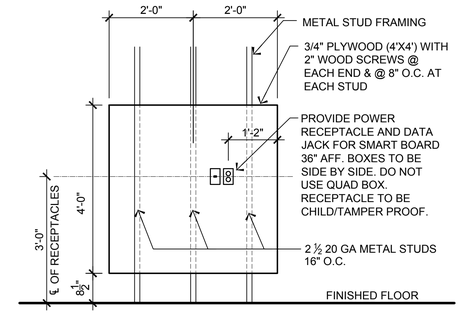
SCALE: 6" = 1'-0"



NOTES:
1. ELECTRICAL CONTRACTOR SHALL VERIFY C/T CABINET SIZE, MOUNTING LOCATION ON BUILDING, MOUNTING HEIGHT ABOVE GRADE, AND ANY OTHER APPLICABLE REQUIREMENTS WITH UTILITY COMPANY.
2. G.C. SHALL COORDINATE C/T CABINET REQUIREMENTS WITH ALL AFFECTED TRADES.
3. ADJUSTED SILL HEIGHT SHALL NOT EXCEED THE HEIGHT OF ADJACENT OPENING FRAMES.

3 DETAIL AT C/T CABINET

SCALE: N.T.S.



SMART BOARD NOTES:
1. IF SMART BOARD BLOCKING IS LOCATED ON A SHARED TOILET/CLASSROOM WALL, PLUMBING CONTRACTOR SHALL COORDINATE VENT RUN LOCATION WITH REQUIRED BLOCKING AND RECESSED RECEPTACLES FOR SMART BOARD.
2. SMART BOARD PROVIDED BY OTHERS (POST CONSTRUCTION).

1 SMART BOARD BLOCKING

SCALE: 1/2"=1'-0"

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2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND MUST BE APPROVED BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION SPECIFICATION AND PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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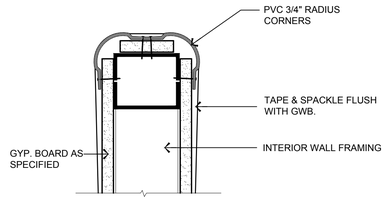
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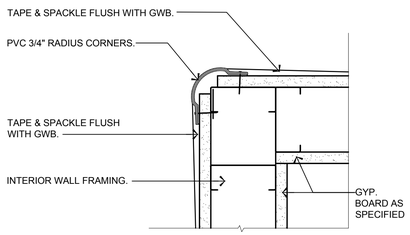
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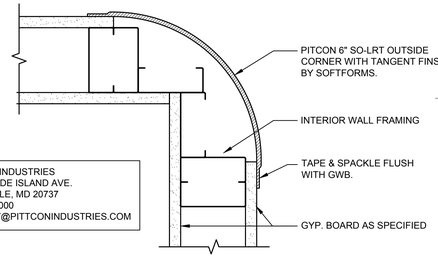
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2 DETAIL - END WALL
SCALE: 3"=1'-0"

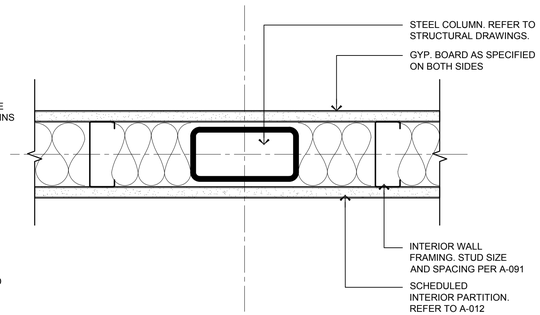


3 DETAIL - OUTSIDE CORNER
SCALE: 3"=1'-0"

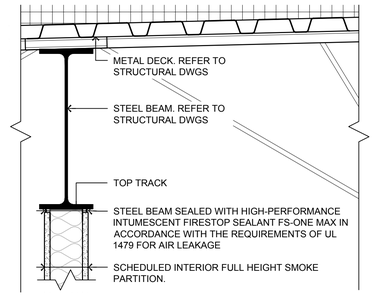


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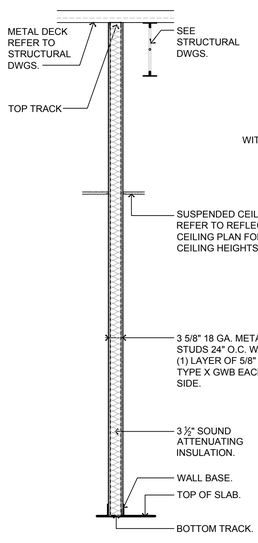
4 DETAIL - 6" SOFTFORM
SCALE: 3"=1'-0"



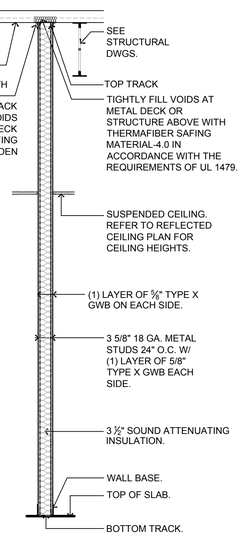
5 DETAIL - COLUMN CONCEALED IN WALL
SCALE: 3"=1'-0"



6 DETAIL - SMOKE BARRIER
SCALE: 1 1/2"=1'-0"

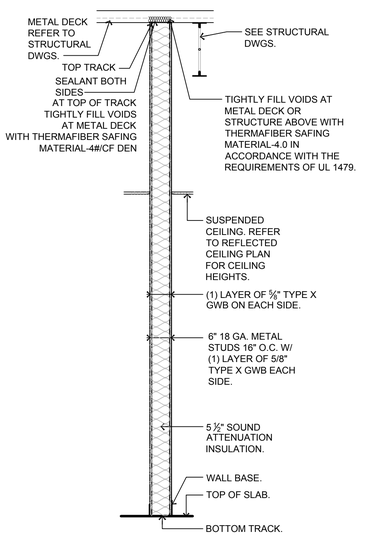


FULL HEIGHT INTERIOR PARTITION
1



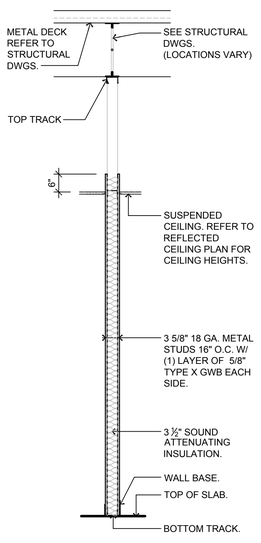
FULL HEIGHT SMOKE BARRIER PARTITION
1A

REFER TO 6/A-091 FOR SMOKE-BARRIER THROUGH-PENETRATION DETAIL

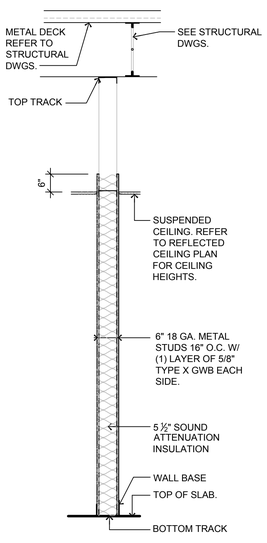


PLUMBING - FULL HEIGHT SMOKE BARRIER PARTITION
1B

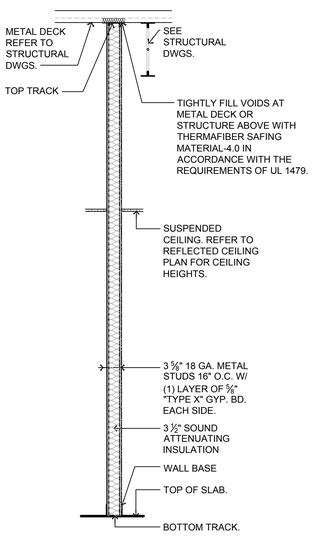
REFER TO 6/A-091 FOR SMOKE-BARRIER THROUGH-PENETRATION DETAIL



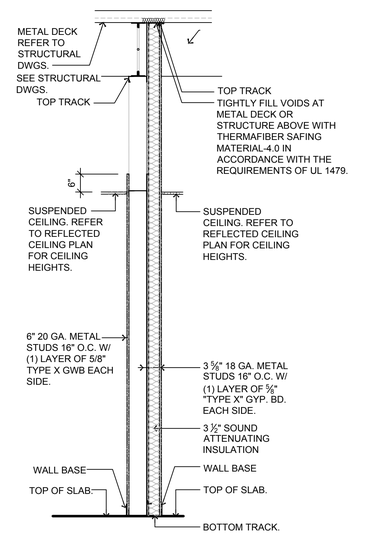
INTERIOR PARTITION
2



PLUMBING WALL
3



WALL TYPE
1 HR. FIRE RATED WALL TYPE
INTERIOR - NON BEARING
UL DESIGN: U419



PLUMBING WALL &
1 HR. FIRE RATED WALL TYPE
INTERIOR - NON BEARING
UL DESIGN: U419
5

1 PARTITION TYPES
SCALE: 1/2"=1'-0"

SMOKE PARTITION GENERAL NOTES:

1. INTERIOR CORRIDOR SHALL BE A SMOKE RATED CORRIDOR, PER FBC 466.8
2. ALL MECHANICAL, ELECTRICAL, PLUMBING AND COMMUNICATIONS PENETRATIONS THROUGH WALL TYPE 1A SHALL BE SUFFICIENTLY SEALED TO PREVENT THE INFILTRATION OF SMOKE.
3. ALL SMOKE PARTITION CONSTRUCTION TO COMPLY WITH FBC SECTION 710, FBC 2020
4. SMOKE PARTITIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING
   - 4.1. SIGNAGE SHALL BE LOCATED IN ACCESSIBLE CONCEALED , FLOOR-CEILING OR ATTIC SPACES.
   - 4.2. SIGNAGE SHALL BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION
   - 4.3. SIGNAGE LETTERING SHALL NOT BE LESS THAN 3 IN. IN HEIGHT WITH A MIN. ⅜" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING. "SMOKE PARTITION -SEAL ALL OPENINGS"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTATION AND PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
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REVISION

NO.	DATE	DESCRIPTION
1	10/01/24	TLE COMMENTS

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

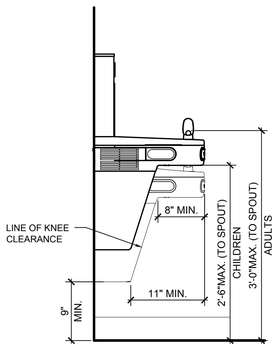
PARTITION TYPES AND DETAILS

A-091

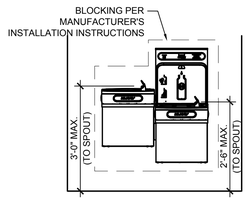
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2024.V24.06 PROTOTYPE
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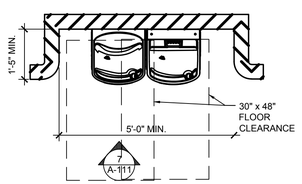
2024.V24.06 PROTOTYPE



8 TYP. SECTION AT DRINKING FOUNTAIN
SCALE: 1"=1'-0"

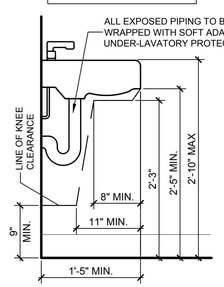


7 TYPICAL INTERIOR DRINKING FOUNTAIN ELEVATIONS
SCALE: 1/2" = 1'-0"

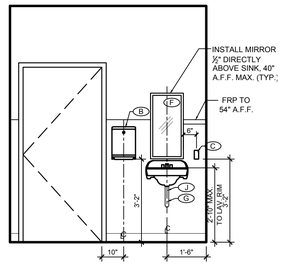


6 TYPICAL INTERIOR DRINKING FOUNTAIN PLAN
SCALE: 1/2" = 1'-0"

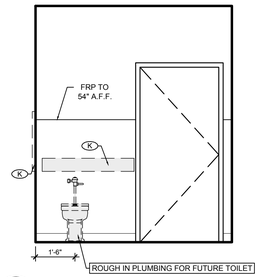
NOTE:
DIMENSIONS VARY AT CHILD-HEIGHT LAVATORIES. REFER TO DETAILS THIS PAGE.



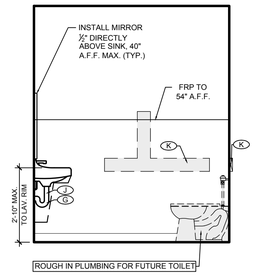
5 TYPICAL ADA SINK SECTION
SCALE: 1"=1'-0"



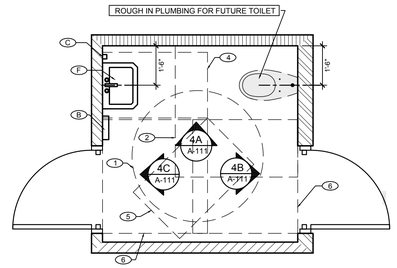
4C TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



4B TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"

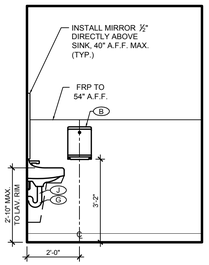


4A TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"

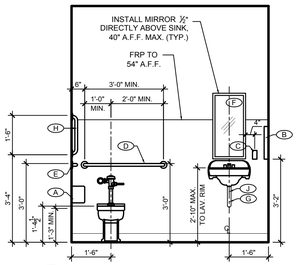


4 PLAN @ NURSING ROOM
SCALE: 3/8" = 1'-0"

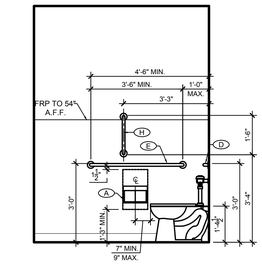
AGE: ADULTS



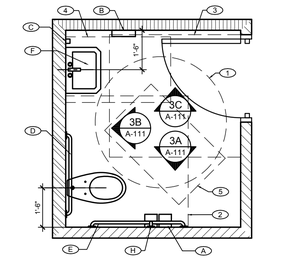
3C TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



3B TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"

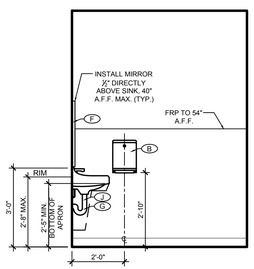


3A TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"

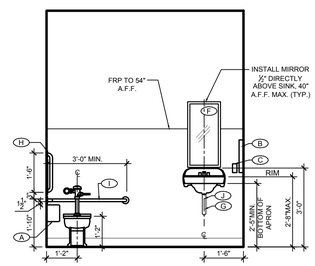


3 TOILET PLAN @ STAFF TOILET ROOMS
SCALE: 3/8" = 1'-0"

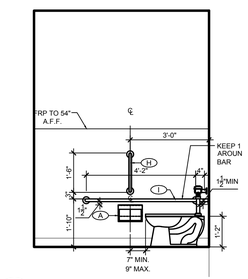
AGE: ADULTS



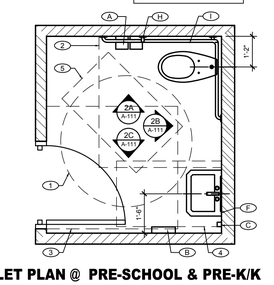
2C TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



2B TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"

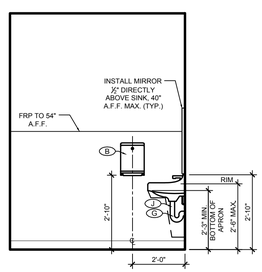


2A TOILET ELEVATIONS
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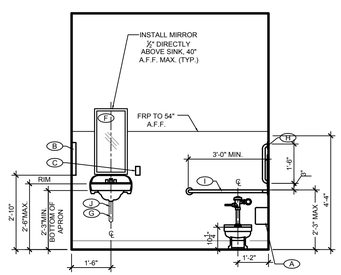


2 TOILET PLAN @ PRE-SCHOOL & PRE-K/K ROOMS
SCALE: 3/8" = 1'-0"

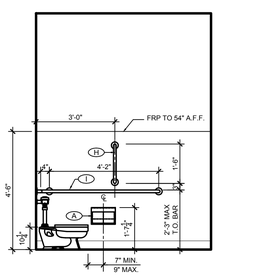
AGE: 3-6 YEARS



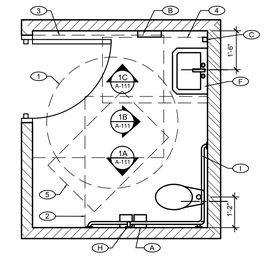
1C TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



1B TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



1A TOILET ELEVATIONS
SCALE: 3/8" = 1'-0"



1 TOILET PLAN @ TODDLER, TWADDLER PREPPER ROOMS & MAKE BELIEVE BOULEVARD
SCALE: 3/8" = 1'-0"

AGE: 18-36 MONTHS

GENERAL NOTES:

1. REFER TO SHEET A-011 CONSTRUCTION PLAN FOR SPECIFIC TOILET ROOM LAYOUTS NOT DEPICTED ON THIS SHEET. ELEVATIONS SHOWN REFLECT TYPICAL TOILET ROOM LAYOUTS PER THIS SET OF DRAWINGS.
2. TOILET ROOM ACCESSORIES (PURCHASED & INSTALL BY G.C. IN EACH TOILET ROOM).
3. REFER TO PLUMBING FIXTURE MOUNTING HEIGHT SCHEDULE FOR ALL TOILETS AND LAVATORIES.
4. SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SPECIFICATIONS.
5. CHILDREN TOILET DESIGN SHALL COMPLY BY RECOMMENDATION OF MODIFICATIONS TO ACCESSIBILITY STANDARDS FOR CHILDREN ENVIRONMENTS ICC/ANSI A117.1-98.
6. TOILET FLUSH HANDLE TO BE LOCATED ON THE OPEN/ WIDE SIDE OF THE ROOM.
7. WHERE AN ADMINISTRATIVE AUTHORITY REQUIRES FLUSH CONTROLS FOR FLUSH VALVES TO BE LOCATED IN A POSITION THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THAT GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED TO THE OPEN SIDE OF THE TOILET AREA. (ICC/ANSI A117.1-604.5.2)
8. ADULT RIM HEIGHT SHOWN. REFER TO DETAILS THIS PAGE FOR ALTERNATE CHILD SINK RIM HEIGHTS
9. BATHROOM ACCESSORIES
   CONTACT: ANTHONY "TONY" MINCE
   KEY ACCOUNT REPRESENTATIVE
   ANTHONY.MINCE@STAPLES.COM
   (734) 452.4743

PLUMBING FIXTURE MOUNTING HEIGHT SCHEDULE:

ROOM TYPES (NUMBER OF EACH TYPE VARIES BY SITE; REFER TO CONSTRUCTION FLOOR PLAN)	TOILET AGE GROUP	TOILET HEIGHT	LAVATORY HEIGHT	TOILET ℄ OFF SIDE WALL
TODDLER ROOMS	18-24 MONTHS	10"	30"	14"
TWADDLER ROOMS	24-36 MONTHS	10"	30"	14"
PREPPERS ROOMS	30-36 MONTHS	10"	30"	14"
PRE-SCHOOL ROOMS	3 - 5 YEARS	14"	32"	14"
PRE-K/K ROOMS	5 - 6 YEARS	14"	32"	14"
MAKE BELIEVE BOULEVARD	VARIES	10"	30"	14"
STAFF TOILET	ADULT	16.5"	34"	18"

ACCESSORY SCHEDULE

- (A) SCOTT ESSENTIAL CORELESS SRB TISSUE DISPENSER (09605) - 11.0" x 7.63" x 6.0" WHITE
  SCOTT ESSENTIAL CORELESS STANDARD ROLL BATHROOM TISSUE (04007) - 11.0" x 7.63" x 6.0" WHITE
- (B) TOWEL DISPENSER: SCOTT CONTROL SLIMFOLD TOWEL DISPENSER (34830) - 9.83"X 13.67" X 2.88"/ WHITE
  SCOTT CONTROL HAND TOWELS SLIMFOL DWITH FAST-DRYING ABSORBENCY POCKETS (04442) - 7.5"X 11.6"/ WHITE
- (C) SOAP DISPENSER - SCOTT ELECTRONIC TOUCHLESS CASSETTE SKIN CARE DISPENSER (32499) - 7.29" X 11.69 X 4.0"/ WHITE
- (D) GRAB BAR - BOBRICK #B-5806.99x36 PEENED GRIPPING
- (E) GRAB BAR - BOBRICK #B-5806.99x42 PEENED GRIPPING
- (F) MIRRORS - BOBRICK #B-1658 -18"x30" TEMPERED GLASS MIRROR.
- (G) ALL EXPOSED PIPING TO BE WRAPPED WITH SOFT ADA UNDER-LAVATORY PROTECTOR.
- (H) GRAB BAR - BOBRICK #B-5806.99x18 PEENED GRIPPING
- (I) GRAB BAR - BOBRICK #B-5837.99 PEENED GRIPPING
- (J) USE PRE-FORMED INSULATION ON H.W. PIPING & DRAIN
- (K) PROVIDE BLOCKING FOR FUTURE GRAB BARS

ADA CLEARANCE KEY NOTES

1. 60" DIAMETER CLEAR WHEELCHAIR TURNING AREA
2. 56"x60" FLOOR CLEARANCE AT TOILET
3. 58"x60" DOOR CLEARANCE (FRONT APPROACH TO PULL SIDE)
4. 30"x48" FLOOR CLEARANCE AT LAVATORY
5. 30"x48" FLOOR CLEARANCE OUTSIDE DOOR SWING
6. 48"x52" DOOR CLEARANCE (FRONT APPROACH TO PUSH SIDE)

NOTES:
1. DIMENSIONS ARE FROM/TO FACE OF FINISH (U.N.O.)
2. WALL-MOUNTED ACCESSORY FIXTURES MAY ONLY PROJECT INTO REQUIRED FLOOR CLEARANCES BY LESS THAN 4".

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED. SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. NON-APPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS FOR PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLFL24-305
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TOILET ROOM PLANS AND DETAILS

A-111

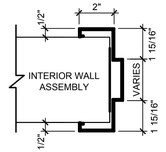
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2024.V24.06 PROTOTYPE

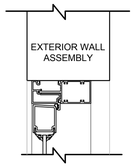
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DOOR FRAME TYPES



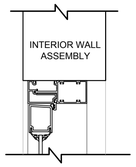
TYPE A

JAMB & HEAD



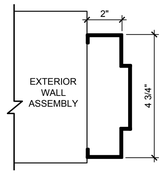
TYPE B

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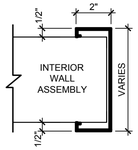
TYPE B1

HEAD



TYPE C

JAMB & HEAD



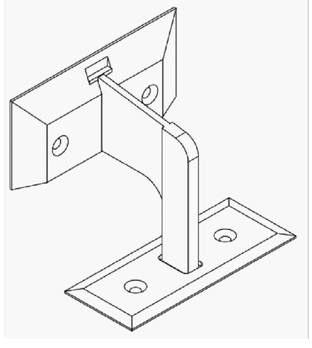
TYPE D

JAMB & HEAD

NOTES:

1. ALL DOOR FRAMES SHALL BE PAINTED PER SHEETS A-051 (EXTERIOR ELEVATIONS) AND A-042 (PAINT FINISH PLAN).
2. REFER TO A-081 FOR TYPICAL EXTERIOR H.M. DOOR HEADER DETAIL.

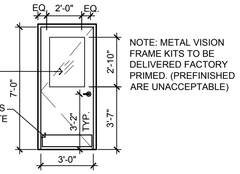
EMERGENCY LOCKDOWN DEVICE



DOOR TYPES

TYPE A

H.M. AND GL.

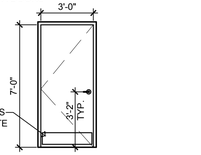


NOTE: METAL VISION FRAME KITS TO BE DELIVERED FACTORY PRIMED. (PREFINISHED ARE UNACCEPTABLE)

* DOOR ANNUNCIATOR REQUIRED ON ALL EXTERIOR TYPE A DOORS

TYPE B1

H.M.

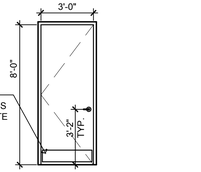


CLOSET IN RECEPTION AREA DOOR SIZE TO BE 2'-6"X7'-0"

* DOOR ANNUNCIATOR REQUIRED ON ALL EXTERIOR TYPE B DOORS

TYPE B2

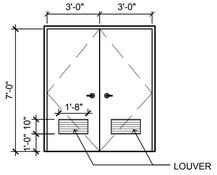
H.M.



* DOOR ANNUNCIATOR REQUIRED ON ALL EXTERIOR TYPE B DOORS

TYPE C1

H.M.



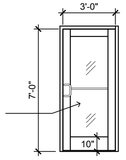
TYPE G

PLAYGROUND FENCE GATE

REFER TO DETAILS ON PLAYGROUND DRAWINGS

TYPE D1

AL./GL.

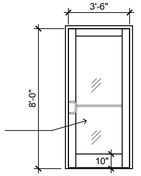


KAWNEER COMPANY, INC.
350 SWING DOOR

- MEDIUM STILE
- 3-1/2" VERTICAL FACE DIMENSION
- 1-3/4" DEPTH
- COLOR: BONE WHITE

TYPE D2

AL./GL.

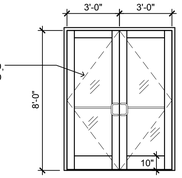


KAWNEER COMPANY, INC.
350 SWING DOOR

- MEDIUM STILE
- 3-1/2" VERTICAL FACE DIMENSION
- 1-3/4" DEPTH
- COLOR: BONE WHITE

TYPE E

AL./GL.



KAWNEER COMPANY, INC.
350 SWING DOOR

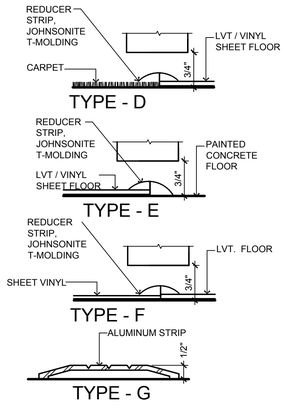
- MEDIUM STILE
- 3-1/2" VERTICAL FACE DIMENSION
- 1-3/4" DEPTH
- COLOR: BONE WHITE

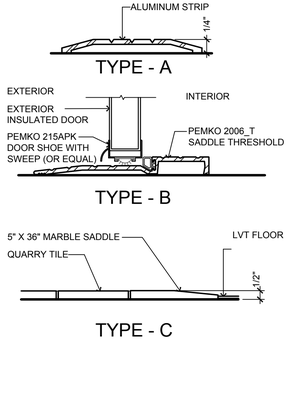
TYPE F

FRAMED OPENING (ISOLATION)

H.M.

THRESHOLD TYPES





DOOR SCHEDULE

DOOR TAG	ROOM NAME	DOOR TYPE	FRAME TYPE	THRESHOLD	KEYING	HARDWARE TYPE	REMARKS
CL-1	CLOSET	B1	A	-	K4	3	-
CO-1	CORRIDOR	A	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICK PLATE ON CORRIDOR SIDE
CO-2	CORRIDOR PLAYGROUND	A	C	B	-	7	EXTERIOR; INSULATED; LOW VOLTAGE ACCESS CONTROL PROVIDE KICK PLATE ON CORRIDOR SIDE ONLY
ELC-1	ELEC. CLOSET	C1	A	-	K4	3A	-
ISO-1	RECEPTION	F	D	-	-	-	FRAMED OPENING
JAN-1	JAN. CLOSET	F	D	E	-	-	FRAMED OPENING
LAN-1	LAUNDRY	B1	A	F	K4	3	PROVIDE KICK PLATE ON CORRIDOR SIDE ONLY
MEC-1	MECH. ROOM	B1	C	B	K1	10	EXTERIOR; INSULATED
OF-1	OFFICE	A	A	-	K2	1	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
PAN-1	PANTRY	A	A	C	K3	3	PROVIDE KICK PLATE ON CORRIDOR SIDE ONLY
REC-1	RECEPTION	D1	B1	-	-	8	LOW VOLTAGE ACCESS CONTROL PROVIDE FLOOR MOUNTED DOOR STOP
SL-1	STAFF LOUNGE	A	A	-	K4	3	PROVIDE KICK PLATE ON CORRIDOR SIDE ONLY
ST-1	STAFF TOILET	B1	A	F	-	4	PROVIDE 3/4" UNDERCUT PROVIDE KICK PLATE ON CORRIDOR SIDE
VES-1	VESTIBULE	E	B	B	K1	9	-
VES-2	VESTIBULE	D2	B1	A	-	8	LOW VOLTAGE ACCESS CONTROL PROVIDE FLOOR MOUNTED DOOR STOP
OF-2	OFFICE	D2	B1	A	-	8	-
INA-1	INFANT A	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
INB-1	INFANT B	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
MBB-1	MAKE BELIEVE BOULEVARD	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
NS-1	NURSING	B1	A	F	-	4	PROVIDE 3/4" UNDERCUT PROVIDE KICK PLATE ON CLASSROOM SIDE
NS-2	NURSING	B1	A	F	-	4	PROVIDE 3/4" UNDERCUT PROVIDE KICK PLATE ON CLASSROOM SIDE
PKK-1	PRE-KK	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
PEP-1	PREPPERS	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
PS1-1	PRESCHOOL #1	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
PS2-1	PRESCHOOL #2	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
PS3-1	PRESCHOOL #3	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
TOA-1	TODDLER A	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
TOB-1	TODDLER B	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
TW-1	TWADDLER	A	A	-	-	2	PROVIDE KICK PLATE CORRIDOR SIDE ONLY
INA-2	INFANT A	B2	C	B	K1	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
INB-2	INFANT B	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
MBB-2	MAKE BELIEVE BOULEVARD	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
PKK-2	PRE-KK	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
PEP-2	PREPPERS	B2	C	B	-	6	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
PS1-2	PRESCHOOL #1	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
PS2-2	PRESCHOOL #2	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
PS3-2	PRESCHOOL #3	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
TOA-2	TODDLER A	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
TOB-2	TODDLER B	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
TW-2	TWADDLER	B2	C	B	-	5	EXTERIOR; INSULATED PROVIDE KICKPLATE ON CLASSROOM SIDE
MBB-3	MAKE BELIEVE BOULEVARD	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PKK-3	PRE-KK	B1	A	D	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PEP-3	PREPPERS	B1	A	D	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PEP-4	PREPPERS	B1	A	D	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PS1-3	PRESCHOOL #1	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PS2-3	PRESCHOOL #2	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PS3-3	PRESCHOOL #3	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
TOA-3	TODDLER A	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
TOB-3	TODDLER B	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
TOB-4	TODDLER B	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
TW-3	TWADDLER	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
TW-4	TWADDLER	B1	A	F	-	2A	PROVIDE 3/4" UNDERCUT PROVIDE KICKPLATE ON PUSH SIDE
PLY-1	FENCE GATE	G	-	-	-	12	PLAYGROUND GATE PROVIDED BY FENCE CONTRACTOR; REF. DETAILS ON PLAYGROUND DRAWINGS
PLY-3	FENCE GATE	G	-	-	K1	11	PLAYGROUND GATE PROVIDED BY FENCE CONTRACTOR; REF. DETAILS ON PLAYGROUND DRAWINGS
PLY-4	FENCE GATE	G	-	-	-	12	PLAYGROUND GATE PROVIDED BY FENCE CONTRACTOR; REF. DETAILS ON PLAYGROUND DRAWINGS

GENERAL NOTES

1. ALL DOORS AND HARDWARE SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND ALL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
2. REFER TO SPECIFICATIONS SECTION 087100 FOR ADDITIONAL DOOR HARDWARE INFORMATION.
3. CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENINGS AND REPORT ANY DIFFERENCES FROM DRAWINGS IN WRITING TO THE ARCHITECT PRIOR TO ORDERING.
4. CONTRACTOR TO PROVIDE SUBMITTALS TO ARCHITECT FOR APPROVALS PRIOR TO ORDERING.
5. GC. TO COORDINATE THROAT WIDTH ON FRAME WITH SPECIFIED WALL THICKNESS. REFER TO DRAWINGS A-012 AND A-091.
6. DOOR THICKNESS TO BE 1 3/4" UNLESS OTHERWISE NOTED AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
7. ALL STEEL DOORS AND FRAMES TO BE ORDERED WITH MANUFACTURER'S STANDARD, FACTORY-APPLIED COAT OF RUST-INHIBITING PRIMER COMPLYING WITH ANSI A250.10 FOR ACCEPTANCE CRITERIA.
8. ALL EXTERIOR DOORS AND FRAMES TO COMPLY WITH THE FOLLOWING:
   a. NO DAYLIGHT SHALL BE VISIBLE ALONG THE PERIMETER OF THE DOOR ONCE WEATHERSTRIPPING SEALS AND DOOR SWEEPS ARE INSTALLED AND DOOR IS FULLY CLOSED.
   b. REFER TO COMCHECK COMPLIANCE REPORT FOR REQUIRED ENERGY VALUES.
9. CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS HARDWARE REQUIRED FOR COMPLETE OPERATION OF EACH DOOR.
10. REFER TO DRAWING A-122 FOR DOOR HARDWARE SCHEDULE.
11. TEMPORARY CONSTRUCTION CORES TO BE PROVIDED BY DOOR VENDOR. G.C. SHALL ORDER FINAL CORES FROM REQUIRED LOCKSMITH (REFER TO REQUIRED VENDOR LIST ON DRAWING T-200). INSTALLATION OF FINAL CORES AND FINAL KEYING TO BE COORDINATED WITH "TLE".
12. DOOR ANNUNCIATOR REQUIRED ON ALL EXTERIOR DOORS, EXCEPT FRONT EXTERIOR DOOR & MECHANICAL ROOM.
13. DOOR HANDING SHALL BE AS SHOWN ON THE CONSTRUCTION FLOOR PLAN.
14. CHILD PROOF LOCKS SHOULD ALWAYS BE INSTALLED IN ROOMS WHICH HAVE OPEN SPACE FOR KIDS. IF A ROOM DOESN'T HAVE ACCESS TO A CHILD AND IT HAS A LOCK ON IT, IT DOESN'T REQUIRE A CHILD PROOF LOCK, IE STORAGE ROOM, LAUNDRY, OFFICE, PANTRY.
15. RISER ROOM LOCATION MECHANICAL ROOM DOOR SHALL BE MARKED AS PER IFC
16. DOOR INTO ELECTRICAL CONTROL PANEL SHALL BE MARKED AS PER IFC

ENERGY COMPLIANCE

OPAQUE EXTERIOR DOORS:
MAXIMUM U-FACTOR = 0.67

KAWNEER ENTRANCE DOORS (>50% GLASS):
U-FACTOR = 0.56
SHGC = 0.32

LEGEND

H.M. = HOLLOW METAL
AL./GL. = ALUMINUM & GLASS
HM./GL. = HOLLOW METAL & GLASS

KEYING TYPES

NOTE: MASTER KEY SHALL BE PROVIDED TO 'THE LEARNING EXPERIENCE' FOR EACH LOCKSET W/ KEYED FUNCTION.

K1 - SPECIFIED EXTERIOR DOORS
K2 - OFFICE
K3 - PANTRY
K4 - LOUNGE, LAUNDRY, ELEC. CLO., STORAGE ROOMS

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS AND SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO THE ARCHITECT AND TLE'S LEARNING EXPERIENCE FOR APPROVAL. VALUE ENGINEERED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS FOR PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

Jarmel Kizel
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LIVINGSTON, NEW JERSEY 07039
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Architecture
Engineering
Interior Design
Implementation Services

3284 WEST 1ST ST
SANFORD, FL 32771
TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION
02	06-17-24	DESIGN DIRECTIVE #014
05	09-17-24	DESIGN DIRECTIVE #017
06	12-13-24	DESIGN DIRECTIVE #018

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

DOOR SCHEDULE AND DETAILS

A-121

Notice: a plan by the future provides the existing building's layout. This document shall not be used for construction purposes or considered representative of the finished work. The existing building is authorized to use this information only for short-term budgeting and estimating from a licensed contractor. It does not represent the intended design, specifications or plans for any construction. No other use is permitted. The information herein shall not be shared, distributed, or disclosed to any third parties without the express written consent of Jarmel Kizel Architects and Engineers Inc. Copyright © Jarmel Kizel Architects and Engineers Inc. All rights reserved. Unauthorized disclosure, copying, or distribution is expressly prohibited and may result in legal action.

DOOR HARDWARE SCHEDULE

ITEM TYPE	MANUF. / MODEL	REQUIREMENTS
HINGE		3 HINGE: HAGER BB1168 US26D
DOOR STOP		WALL MOUNTED (TYPICAL AT ALL INTERIOR DOORS). FLOOR MOUNTED: ROCKWOOD 441 - AT RECEPTION AND VESTIBULE DOORS.
SILENCER		1 PER HINGE
ITEMS NOTED ABOVE SHALL BE PROVIDED AS PART OF ALL HARDWARE TYPES; INTERIOR DOORS TO GET HINGE AND STOP SPECIFIED BELOW		
HEAVY DUTY HINGE	HAGER (3) HINGE BB1168	FULL MORTISE, BALL BEARING, STANDARD WEIGHT. FINISH US26D; 4.5"x4.5"

HARDWARE TYPE 1 (OFFICE)

CLASSROOM LEVER		
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; ADJUSTABLE
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS
KEYPAD LOCK	YALE	AU-NTB623-NR X 626 (SFIC REQUIRED TO ACCEPT THE LEARNING EXPERIENCE CORES)

HARDWARE TYPES 2 (CLASSROOM DOORS TO CORRIDOR) & 2A (CHILD TOILET ROOMS)

PASSAGE LEVER	ARROW MLX01	INGRESS SIDE; ADA COMPLIANT LEVER
CLOSER	NORTON 1601 SERIES	CLOSER TO BE LOCATED ON CLASSROOM SIDE OF DOOR; ADJUSTABLE; REFER TO NOTES FOR HARDWARE TYPE 2A BELOW
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS
EMERGENCY LOCK	NIGHTLOCK	NIGHTLOCK LOCKDOWN 1, WITH ⅜" FLOOR PLATE. SEE VENDOR INFO ON SHEET T-201.

NOTES FOR HARDWARE TYPE 2A AT CHILD TOILET ROOMS

1. OMIT CLOSER. OTHERWISE AS NOTED FOR HARDWARE TYPE 2.
2. OMIT NIGHTLOCK DEVICE.

HARDWARE TYPES 3 (PANTRY, STAFF LOUNGE, CLOSET, LAUNDRY) & 3A (ELECTRICAL CLOSET)

STOREROOM LEVER	ARROW MLX82	AT CLOSET ONLY; INGRESS SIDE; ADA COMPLIANT LEVER
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; ADJUSTABLE
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS
KEYPAD LOCK	YALE	AU-NTB623-NR X 626 (SFIC REQUIRED TO ACCEPT THE LEARNING EXPERIENCE CORES)

NOTES FOR HARDWARE TYPE 3 AT PANTRY

1. LIMIT DOOR SWING TO 90 DEGREES.

NOTES FOR HARDWARE TYPE 3A AT ELECTRICAL CLOSET

1. OMIT CLOSER AND KEYPAD LOCK. PROVIDE HALF DUMMY TRIM AND FLUSH BOLT ON INACTIVE PANEL. OTHERWISE AS NOTED FOR HARDWARE TYPE 3.

NOTES FOR HARDWARE TYPE 3 AT CLOSET

1. OMIT CLOSER AND KEYPAD LOCKS.

HARDWARE TYPES 4 (STAFF TOILET ROOMS)

PRIVACY LEVER	ARROW MLX72	INGRESS SIDE; ADA COMPLIANT LEVER
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; ADJUSTABLE
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS

HARDWARE TYPE 5 (TYPICAL EXTERIOR H.M. DOORS)

STOREROOM LEVER		NO PULL HARDWARE ON INGRESS SIDE
PANIC HARDWARE	ARROW S1250	EGRESS SIDE
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; 90 DEGREE STOP - NORTON UNIJ1601 (REVEAL DEPTH)
DOOR SHOE	PEMKO 215APK	DOOR SHOE WITH SWEEP (OR EQUAL)
WEATHERSTRIPPING	PEMKO 319_R	PERIMETER GASKETING; WIDTH: 3/16", PROFILE HEIGHT: 1", FINISH: C
THRESHOLD	PEMKO 2006_T	FORTY-INCH (40") LENGTH TO BE CUT ON EXTERIOR SIDE TO EXTEND PAST THE FACE OF DOOR FRAME
DOOR SWEEP		
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS

HARDWARE TYPE 6 (SPECIFIED EXTERIOR H.M. DOORS)

STOREROOM LEVER	ARROW SRX82	INGRESS SIDE; ADA COMPLIANT LEVER
PANIC HARDWARE	ARROW S1250	EGRESS SIDE; FINISH 26D
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; 90 DEGREE STOP - NORTON UNIJ1601 (REVEAL DEPTH)
DOOR SHOE	PEMKO 215APK	DOOR SHOE WITH SWEEP (OR EQUAL)
WEATHERSTRIPPING	PEMKO 319_R	PERIMETER GASKETING; WIDTH: 3/16", PROFILE HEIGHT: 1", FINISH: C
THRESHOLD	PEMKO 2006_T	FORTY-INCH (40") LENGTH TO BE CUT ON EXTERIOR SIDE TO EXTEND PAST THE FACE OF DOOR FRAME
DOOR SWEEP		
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS

HARDWARE TYPE 7 (EXTERIOR CORRIDOR DOORS)

"D" PULL	ROCKWOOD BF157A	INGRESS SIDE
ELECTRIC LATCH	ASSA ABLOY HES 9600 OR ADAMS RITE 7800	EGRESS SIDE; SHALL NOT BE INSTALLED WITH ANY EGRESS DELAY FEATURE; CONFIGURED FOR FAIL SECURE OPERATION; REFER TO NOTES FOR HARDWARE TYPE 7 BELOW
PANIC HARDWARE	ARROW S1250 NOT ELECTRIFIED	EGRESS SIDE; SHALL NOT BE INSTALLED WITH ANY EGRESS DELAY FEATURE; REFER TO NOTES FOR HARDWARE TYPE 7 BELOW
ELECTRONIC SWIPE		INGRESS SIDE; REFER TO NOTES FOR HARDWARE TYPE 7 BELOW
POWER SUPPLY	ADAMS RITE PS1 OR SECURITRON BPS-12/24-1	REFER TO NOTES FOR HARDWARE TYPE 7 BELOW
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; 90 DEGREE STOP - NORTON UNIJ1601 (REVEAL DEPTH)
KICK PLATE	ROCKWOOD K1050	8"x34" (ONLY WHERE SPECIFIED IN SCHEDULE); STAINLESS STEEL; #6x⅜ OVAL HEAD SHEET METAL FASTENERS
DOOR SHOE	PEMKO 215APK	DOOR SHOE WITH SWEEP (OR EQUAL)
WEATHERSTRIPPING	PEMKO 319_R	PERIMETER GASKETING; WIDTH: 3/16", PROFILE HEIGHT: 1", FINISH: C
THRESHOLD	PEMKO 2006_T	FORTY-INCH (40") LENGTH TO BE CUT ON EXTERIOR SIDE TO EXTEND PAST THE FACE OF DOOR FRAME

NOTES FOR HARDWARE TYPE 7

1. DOOR HARDWARE AND POWER SUPPLY FOR ELECTRONIC EXIT DEVICE PROVIDED AND INSTALLED BY DOOR VENDOR/CONTRACTOR. CONNECTION TO ACCESS CONTROL SYSTEM BY REQUIRED SECURITY VENDOR.
2. REFER TO SPECIFICATIONS FOR REQUIRED SECURITY VENDOR'S CONTACT INFORMATION.

HARDWARE TYPE 8 (INTERIOR VESTIBULE DOOR, RECEPTION/CORRIDOR DOOR)

STANDARD "D" PULL	KAWNEER CO-9	INGRESS SIDE
ELECTRIC STRIKE	ASSA ABLOY HES 9800 OR ADAMS RITE 7800	EGRESS SIDE; SHALL NOT BE INSTALLED WITH ANY EGRESS DELAY FEATURE; CONFIGURED FOR FAIL SAFE OPERATION; REFER TO NOTES FOR HARDWARE TYPE 8 BELOW
PANIC HARDWARE	ADAMS RITE 8800 SERIES NOT ELECTRIFIED	EGRESS SIDE; MINIMUM 1200 LB HOLDING FORCE MANDATORY
POWER SUPPLY	ADAMS RITE PS1 OR SECURITRON BPS-12/24-1	REFER TO NOTES FOR HARDWARE TYPE 8 BELOW
ELECTRONIC SWIPE		INGRESS SIDE; POSITION VISIBLE FROM RECEPTION DESK; REFER TO NOTES FOR HARDWARE TYPE 8 BELOW
RELEASE BUTTON		AT RECEPTION DESK BENEATH LOWER LEVEL OF RECEPTION DESK; REFER TO DRAWING A-135
CLOSER	NORTON 1601 SERIES	RECEPTION SIDE; ADJUSTABLE

NOTES FOR HARDWARE TYPE 8

1. DOOR SHALL NOT BE DRILLED FOR A KEY CYLINDER UNLESS KEYING IS SPECIFIED ON THE DOOR SCHEDULE.
2. DOOR HARDWARE AND POWER SUPPLY FOR ELECTRONIC EXIT DEVICE PROVIDED AND INSTALLED BY DOOR VENDOR/CONTRACTOR. CONNECTION TO ACCESS CONTROL SYSTEM BY REQUIRED SECURITY VENDOR.
3. REFER TO SPECIFICATIONS FOR REQUIRED SECURITY VENDOR'S CONTACT INFORMATION.

HARDWARE TYPE 9 (EXTERIOR VESTIBULE DOORS)

STANDARD "D" PULL	KAWNEER CO-9	INGRESS SIDE; CYLINDER TYPE ARROW SFIC CYLINDER HOUSING - FINISH TO MATCH HARDWARE FINISH
PANIC HARDWARE	ADAMS RITE 8600	BOTH DOORS; CONCEALED VERTICAL ROD; INTEGRAL KEY CYLINDER (SEE GENERAL NOTE 7)
CLOSER	NORTON 1601 SERIES	RECEPTION SIDE; ADJUSTABLE
WEATHERSTRIPPING	PEMKO 319_R	PERIMETER GASKETING; WIDTH: 3/16", PROFILE HEIGHT: 1", FINISH: C
THRESHOLD	PEMKO 2006_T	SEVENTY-SIX-INCH (76") LENGTH TO BE CUT ON EXTERIOR SIDE TO EXTEND PAST THE FACE OF DOOR FRAME

HARDWARE TYPE 10 (MECHANICAL ROOM)

STOREROOM LEVER	ARROW MLX82	BOTH SIDES; ADA COMPLIANT LEVER; ARROW SFIC CYLINDER HOUSING, FINISH TO MATCH HARDWARE
CLOSER	NORTON 1601 SERIES	EGRESS SIDE; ADJUSTABLE
WEATHERSTRIPPING	PEMKO 319_R	PERIMETER GASKETING; WIDTH: 3/16", PROFILE HEIGHT: 1", FINISH: C
THRESHOLD	PEMKO 2006_T	FORTY-INCH (40") LENGTH TO BE CUT ON EXTERIOR SIDE TO EXTEND PAST THE FACE OF DOOR FRAME

NOTES FOR HARDWARE TYPE 10

1. NO DEADBOLT

HARDWARE TYPES 11 (6' HIGH FENCE GATES)

PANIC HARDWARE	DETEX VALUE SERIES V40xEBxW; IC7R	EGRESS SIDE; WEATHERIZED PANIC BAR WITH BATTERY-POWERED ALARM AND EXTERIOR ADA LEVER HARDWARE; PROVIDE ADJUSTABLE LATCH BRACKET; RIM CYLINDER SFIC HOUSING

NOTES FOR HARDWARE TYPE 11 AT 6' HIGH GATES

1. NO CLOSER IS TO BE PROVIDED.
2. PANIC HARDWARE HAS AN INTEGRAL CYLINDER TO ENGAGE/DISENGAGE THE ALARM. THIS CYLINDER DOES NOT AFFECT OPERATION OF THE PANIC BAR. CONTRACTOR SHALL PROVIDE AN INTERCHANGEABLE CORE (KEYING TYPE K1 PER DOOR SCHEDULE) AS PART OF FINAL KEYING PROCEDURES. REFER TO GENERAL NOTE 11 ON DRAWING A-121.

HARDWARE TYPES 12 (4' HIGH FENCE GATES)

PANIC HARDWARE	DETEX VALUE SERIES V40xW (NO ALARM); IC7R	EGRESS SIDE; WEATHERIZED PANIC BAR;

NOTES FOR HARDWARE TYPE 12 AT 4' HIGH GATES

1. NO CLOSER, EXTERIOR ACCESS HARDWARE, OR EXTERIOR KEYING IS TO BE PROVIDED.

SEQUENCE OF INSTALLATION

INTERIOR VESTIBULE DOOR:
- ALUMINUM STOREFRONT VENDOR PROVIDES DOORS AND PANIC HARDWARE FACTORY INSTALLED.
- ELECTRICIAN PROVIDES POWER SOURCE ABOVE CEILING PER KEY NOTE 10 ON E-200.
- ACCESS CONTROL VENDOR IS RESPONSIBLE FOR MAKING FINAL LOW VOLTAGE CONNECTIONS FOR KEY FOB ACCESS.

RECEPTION DOOR - OPTION 1
- ALUMINUM STOREFRONT VENDOR PROVIDES DOORS AND PANIC HARDWARE FACTORY INSTALLED.
- ELECTRICIAN PROVIDES POWER SOURCE ABOVE CEILING PER KEY NOTE 10 ON E-200.
- ACCESS CONTROL VENDOR IS RESPONSIBLE FOR MAKING FINAL LOW VOLTAGE CONNECTIONS AND INSTALLING THE ELECTRIC STRIKE FOR KEY FOB ACCESS.

RECEPTION DOOR - OPTION 2 (ONLY IF HOLLOW METAL DOOR IS SPECIFIED)
- ELECTRICIAN PROVIDES POWER SOURCE ABOVE CEILING PER KEY NOTE 10 ON E-200.
- ACCESS CONTROL VENDOR IS RESPONSIBLE FOR MAKING FINAL LOW VOLTAGE CONNECTIONS AND INSTALLING THE ELECTRIC STRIKE FOR KEY FOB ACCESS.

PLAYGROUND DOOR
- ELECTRICIAN PROVIDES POWER SOURCE ABOVE CEILING PER KEY NOTE 10 ON E-200.
- ACCESS CONTROL VENDOR IS RESPONSIBLE FOR INSTALLING PANIC DEVICE, ELECTRIC STRIKE, AND MAKING FINAL LOW VOLTAGE CONNECTIONS FOR KEY FOB ACCESS.

GENERAL NOTES

1. ALL DOORS AND HARDWARE SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND ALL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
2. REFER TO SPECIFICATIONS SECTION 087100 FOR ADDITIONAL DOOR HARDWARE INFORMATION.
3. CONTRACTOR TO PROVIDE SUBMITTALS TO ARCHITECT FOR APPROVALS PRIOR TO ORDERING.
4. ALL EXTERIOR DOORS AND FRAMES TO COMPLY WITH THE FOLLOWING:
   a. NO DAYLIGHT SHALL BE VISIBLE ALONG THE PERIMETER OF THE DOOR ONCE WEATHER STRIPPING SEALS AND DOOR SWEEPS ARE INSTALLED AND DOOR IS FULLY CLOSED.
   b. REFER TO COMCHECK COMPLIANCE REPORT FOR REQUIRED ENERGY VALUES.
5. CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS HARDWARE REQUIRED FOR COMPLETE OPERATION OF EACH DOOR.
6. PANIC HARDWARE SHALL HAVE THE ACTIVATING MEMBER MOUNTED CENTERED BETWEEN A HEIGHT OF 30 INCHES MINIMUM AND 44 INCHES MAXIMUM A.F.F. GRASP TYPE DOOR KNOBS SHALL NOT BE USED. ALL PANIC BAR HARDWARE SHALL HAVE MANUAL DOGGING CAPABILITY.
7. KEYING: ALL KEYED DOORS SHALL BE FURNISHED WITH HARDWARE COMPATIBLE WITH ARROW 7-PIN, FIGURE 8, SMALL FORMAT, FIGURE 8 INTERCHANGEABLE CORES, - NO SUBSTITUTIONS WILL BE ALLOWED.
8. TEMPORARY CONSTRUCTION CORES TO BE PROVIDED BY DOOR VENDOR. G.C. SHALL ORDER FINAL CORES FROM REQUIRED LOCKSMITH AND PROVIDE CYLINDERS FOR TLE CORES (REFER TO REQUIRED VENDOR LIST ON DRAWING T-200). INSTALLATION OF FINAL CORES AND FINAL KEYING TO BE COORDINATED WITH "TLE". CONTRACTOR MUST ENSURE THAT HARDWARE ACCOMMODATES ARROW 7-PIN, SMALL FORMAT, FIGURE EIGHT, INTERCHANGEABLE CORES.
9. ALL HARDWARE SHALL BE PROVIDED IN US26D FINISH. ALTERNATE FINISHES SHALL BE SUBMITTED TO "TLE" AND ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
10. NO ALTERNATIVE HARDWARE SUBSTITUTIONS ALLOWED.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED IN CONSTRUCTION DOCUMENTS. NO CHANGE TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. ANY UNAUTHORIZED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLFL24-305
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DOOR HARDWARE SCHEDULE

A-122

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2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORD\FL 3284 WEST 1ST ST\CD'S\36. TLEFL24-305-A-122.DWG JYOUNG PLOTTED: 02/28/2025

2024.V24.06 PROTOTYPE

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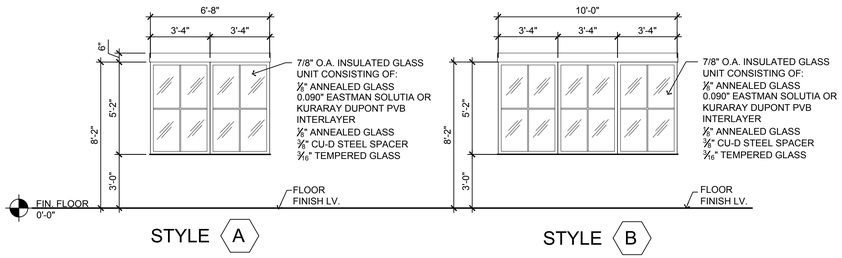
EXTERIOR WINDOW SCHEDULE

ELEVATION TYPE	WIDTH	HEIGHT	TYPE	FRAME	FIRE RATING	GLASS	FINISH	GLASS THICK.
STYLE A	6'-8"	5-2"	FIXED	VINYL	N/A	CLEAR INSULATED TEMPERED SAFETY GLASS	WHITE (BY MANUF.)	5/8"
STYLE B	10'-0"	5'-2"	FIXED	VINYL	N/A	CLEAR INSULATED TEMPERED SAFETY GLASS	WHITE (BY MANUF.)	5/8"

EXTERIOR WINDOW NOTES:

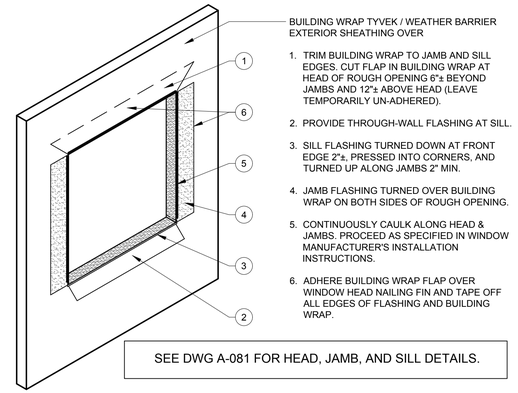
1. CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.
2. ALL EXTERIOR WINDOWS SHALL COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION.
3. IF AN ALTERNATE WINDOW PRODUCT IS PROPOSED, CONTRACTOR SHALL SUBMIT WINDOW PRODUCT SPECIFICATIONS TO ARCHITECT AND TLE FOR REVIEW AND WRITTEN APPROVAL PRIOR TO ORDERING AND INSTALLATION. PRODUCT DATA/SPECIFICATIONS MUST MEET OR EXCEED THE DESIGN FACTORS PER NOTE #4 BELOW, AND THESE FACTORS MUST BE INCLUDED IN THE MANUFACTURER'S PRODUCT DATA SUBMITTED FOR REVIEW.
4. WINDOW SPECIFICATIONS - VINYL FIXED WINDOWS
   a. WINDOW : SIMONTON STORMBREAKER PLUS VINYL FIXED WINDOWS AND HIGH IMPACT GLASS FOR ALL FLORIDA LOCATED PROJECTS.
   b. U-FACTOR = 0.5 (MAXIMUM)
   c. SHGC = 0.25 (MAXIMUM)
   d. GLASS - IMPACT INSULATED SAFETY GLASS
5. WINDOW SHALL BE INSTALLED WITH PROPER SUPPORT TO SECURE UNIT ON ALL SIDES. WINDOW SIZE TO BE COORDINATED WITH GENERAL CONTRACTOR AND/OR GLAZING CONTRACTOR. PROVIDE LIGHT GAUGE METAL FRAMING OR JAMB STIFFENERS DEPENDING ON TYPE OF CONSTRUCTION.
6. WINDOW PROTECTION THROUGH BUILDING COMPLETION - CONTRACTOR SHALL COVER WINDOWS WITH TEMPORARY PROTECTIVE SHEATHING WHICH SHALL BE SECURED AND STRONG ENOUGH TO RESIST WIND LOADS; CONSTRUCTION MISHAPS, OR ANY OTHER UNFORESEEN CIRCUMSTANCES.
7. ALL WINDOWS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
8. BLINDS - TO BE INSTALLED AT ALL EXTERIOR WINDOWS
   a. MOUNTED APPROX. 1" FROM FROM INTERIOR FACE OF GLASS.
   b. SEE SPECIFICATIONS DRAWINGS FOR ADDITIONAL INFORMATION.
9. REFER TO ENERGY COMPLIANCE SPECIFICATIONS ON DRAWING T-500.
10. REFER TO DRAWING A-081 FOR HEAD/JAMB/SILL DETAILS.

EXTERIOR WINDOW ELEVATIONS



EXTERIOR WINDOW DETAILS

NOTE:
- REFER TO DRAWING A-081 FOR HEAD/SILL/JAMB DETAILS.
- WHERE NOTED ON DRAWING A-011, PROVIDE PRIVACY GLASS BY MANUFACTURER.



SEE DWG A-081 FOR HEAD, JAMB, AND SILL DETAILS.

2 TYP. WINDOW FLASHING DETAIL

SCALE: N.T.S.

INTERIOR WINDOW SCHEDULE

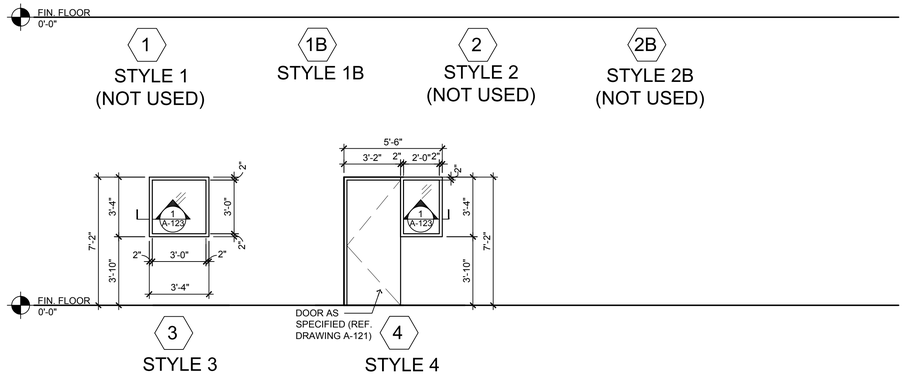
ELEVATION TYPE	WIDTH	HEIGHT	TYPE	FRAME	FIRE RATING	GLASS	FINISH	GLASS THICK.
STYLE 1	NOT USED							
STYLE 1B	1'-2"	7'-2"	FIXED	HM	N/A	CLEAR TEMPERED SAFETY GLASS	PRIME/ PAINT	1/4"
STYLE 2	NOT USED							
STYLE 2B	NOT USED					CLEAR TEMPERED SAFETY GLASS	PRIME/ PAINT	1/4"
STYLE 3	3'-4"	3'-4"	FIXED	HM	N/A	CLEAR TEMPERED SAFETY GLASS	PRIME/ PAINT	1/4"
STYLE 4	2'-4"	3'-4"	FIXED	HM	N/A	CLEAR TEMPERED SAFETY GLASS	PRIME/ PAINT	

INTERIOR WINDOW NOTES:

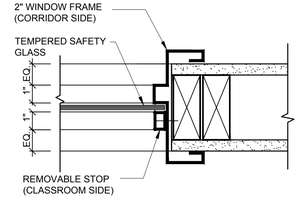
1. CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.
2. ALL WINDOWS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
3. ALL WINDOW FRAMES SHALL BE PAINTED PER SHEET A-042 / PAINT FINISH PLAN
4. WINDOW PROTECTION THROUGH BUILDING COMPLETION - CONTRACTOR SHALL COVER WINDOWS WITH TEMPORARY PROTECTIVE SHEATHING WHICH SHALL BE SECURED AND STRONG ENOUGH TO RESIST WIND LOADS, CONSTRUCTION MISHAPS, OR ANY OTHER UNFORESEEN CIRCUMSTANCES.
5. BLINDS - AT INTERIOR OFFICE WINDOWS (INSTALLED ON OFFICE SIDE)
   a. MOUNTED APPROX. 1" FROM FROM INTERIOR FACE OF GLASS.
   b. SEE SPECIFICATIONS DRAWINGS FOR ADDITIONAL INFORMATION.

NOTE: NOT ALL WINDOW TYPES ARE USED AT EACH LOCATION. COORDINATE TYPES WITH TAGS ON CONSTRUCTION PLAN.

INTERIOR WINDOW ELEVATIONS



INTERIOR WINDOW FRAME DETAILS



1 JAMB/HEAD/SILL DETAIL

SCALE: 3" = 1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR WORK CONTRACTED FOR & ALL SAFETY PRECAUTIONS AND PROGRAMS IN WORK SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND OWNER FOR APPROVAL BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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WINDOW SCHEDULE

A-123

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MILLWORK SCHEDULE

ROOM NAME	ROOM NUMBER	NO. OF CHILDREN	BIN CUBBIES	BATH CUBBIES	MAT RACKS	SHORT BOOKCASE	TALL BOOKCASE	TECHNOLOGY DESK
INFANT A	133	8	8	-	-	2	-	-
INFANT B	131	8	8	-	-	2	-	-
TODDLER A	110	12	14	-	1	2	3	-
TODDLER B	108	18	20	-	2	2	3	-
TWADDLERS	105	22	24	-	2	3	3	-
PREPPERS	112	22	24	-	2	-	6	1
PREPPERS TOILET	106	-	-	9	-	-	-	-
PREPPERS TOILET	107	-	-	9	-	-	-	-
PRESCHOOL #1	116	15	18	-	2	-	6	1
PRESCHOOL #2	124	15	18	-	2	-	6	1
PRESCHOOL #3	114	20	22	-	2	-	6	1
PRE-K/K	127	25	26	-	3	-	6	1
MBB/PRE-SCHOOL	121	25	26	-	-	-	2	-

GENERAL NOTES:

1. REFER TO SPECIFICATIONS DRAWINGS FOR APPLIANCE MAKE AND MODEL INFORMATION.
2. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLETS AND TELEPHONE JACK LOCATIONS.
3. REFER TO CONSTRUCTION PLAN FOR SPECIFIC LAYOUT. PLANS AND ELEVATIONS SHOWN ARE FOR TYPICAL LAYOUTS.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
5. ALL SILICONE / CAULK APPLIED ON MILLWORK TO BE COLOR-MATCHING.
6. ALL MILLWORK SUPPLIED BY REQUIRED MILLWORK VENDOR. SEE VENDOR LIST ON SPECIFICATION DRAWINGS T-201 - T-209.
7. BOOK CASES ARE TO BE 5/8" INDUSTRIAL GRADE M.D.F., WITH 100 GRAM MELAMINE ON FRONT AND BACK SHELF SIDES AND BOTTOM TO BE 5/8" M.D.F. TOP TO HAVE RADIUS CORNERS WITH A 3/4" OVERHANG IN FRONT. ALL EDGES TO BE 1 MM PVC.
8. PROVIDE 1mm PVC EDGING WHERE NOTED (REFER TO DETAIL 6/A-131). PVC EDGING COLOR TO BE GREY.
9. ALL BOOKSHELVES, COMPUTER TABLES, AND CUBBIES TO BE BUILT USING HEAVY DUTY COUNTER-SUNK MECHANICAL FASTENERS.
10. REFER TO MILLWORK SCHEDULE FOR MILLWORK QUANTITIES.
11. WALL MOUNTED CUBBIES WITH 100 GRAM MELAMINE FINISH. ADDITIONAL ELECTRICAL OUTLET SHALL BE MOUNTED ABOVE 1 CUBBY UNIT IN EACH ROOM.
12. BLOCKING TO BE INSTALLED PER MILLWORK SHOP DRAWINGS.

KEY NOTES:

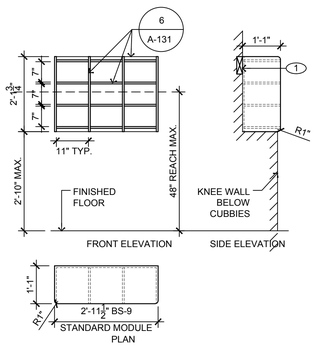
(1) PROVIDE WALL BLOCKING AT ALL WALL ATTACHMENTS

MILLWORK FINISH AND COUNTER HEIGHTS SCHEDULE

PLASTIC LAMINATE COUNTER & EDGE BANDING COLOR	ROOM TYPES VARY SITE TO SITE (REF. A-011)	COUNTER HEIGHT
TYPICAL DIAPER CHANGING COUNTERS		
WILSONART LOLITE #Y0737-60 (MATTE)	ALL INFANT ROOMS ALL TWADDLER ROOMS PREPPERS B	2'-6" (ALL)
WILSONART SUNNY SIDE UP #13089-60 (MATTE)	ALL TODDLER ROOMS PREPPERS A	
WILSONART LEMON LIME #Y0359-60 (MATTE)	ALL PRE-K/K ROOMS	
TYPICAL ART COUNTERS		
WILSONART LOLITE #Y0737-60 (MATTE)	MAKE BELIEVE BLVD. PREPPERS B PRESCHOOL 2B, 3B, & 4	2'-0" (ALL)
WILSONART SUNNY SIDE UP #13089-60 (MATTE)	PREPPERS A PRESCHOOL 1, 1A, 3, & 3A	
WILSONART LEMON LIME #Y0359-60 (MATTE)	PRESCHOOL 1B, 2, & 2A ALL PRE-K/K ROOMS	
TYPICAL PANTRY COUNTERS		
WILSONART LOLITE #Y0737-60 (MATTE)	ALL INFANT ROOMS ALL TWADDLER ROOMS STAFF LOUNGE	2'-10" (ALL)
WILSONART SUNNY SIDE UP #13089-60 (MATTE)	ALL TODDLER ROOMS MAIN PANTRY	
RECEPTION COUNTERS		
WILSONART LOLITE #Y0737-60 (MATTE)	RECEPTION	REF. DTLS. ON DWG. A-134
OFFICE COUNTERS		
WILSONART FROSTY WHITE #1573 (MATTE)	OFFICE	REF. DTLS. ON DWG. A-134

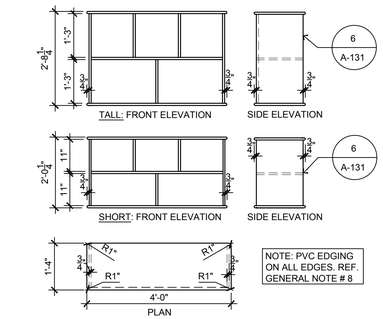
NOTE:
ALL MILLWORK TO BE PROVIDED AND INSTALLED BY THE REQUIRED VENDOR BELOW. NO SUBSTITUTIONS ALLOWED.

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ATTN: BRAD ASHMORE, PROJECT COORDINATOR
PHONE: 903-783-3680
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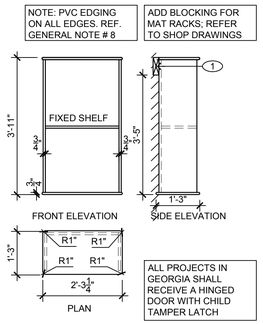
8 BATH SHELVES DETAIL

SCALE: 1/2" = 1'-0"



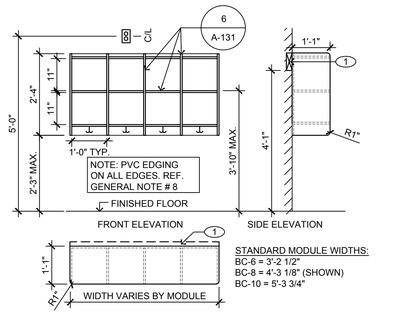
5 BOOK SHELF DETAIL

SCALE: 1/2" = 1'-0"



4 MAT HOLDER DETAIL

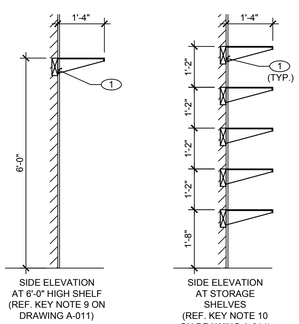
SCALE: 1/2" = 1'-0"



NOTES:
1. REFER TO A-011 AND A-043 FOR TOTAL NUMBER OF BIN CUBBIES TO BE PROVIDED IN EACH CLASSROOM.
2. MILLWORK VENDOR SHALL DETERMINE COMBINATION OF STANDARD MODULE SIZES NEEDED TO PROVIDE SPECIFIED TOTAL NUMBER OF CUBBIES.

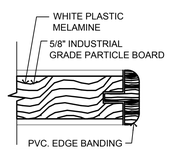
2 BIN CUBBIES FOR CLASSROOMS

SCALE: 1/2" = 1'-0"



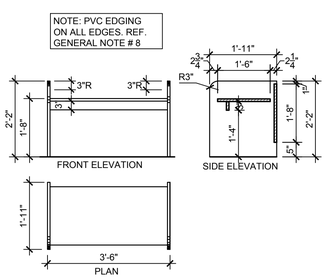
7 WIRE SHELVING DETAILS

SCALE: N.T.S.



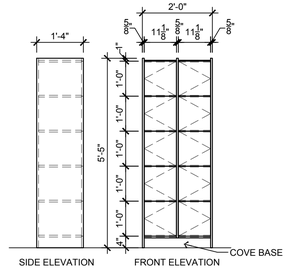
6 EDGE BAND DETAIL

SCALE: N.T.S.



3 TECHNOLOGY DESK DETAIL

SCALE: 1/2" = 1'=0"



1 STAFF LOUNGE LOCKERS

SCALE: N.T.S.

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AS SPECIFIED. ANY PROPOSED SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. NON-APPROVED CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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Interior Design
Implementation Services

3284 WEST 1ST ST
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TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
FA
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

CUBBIE ELEVATIONS AND DETAILS

A-131

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2024.V24.06 PROTOTYPE

GENERAL NOTES:

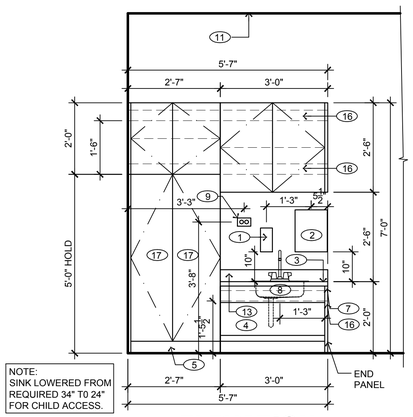
1. ALL BASE AND UPPER CABINETS TO BE WHITE PLASTIC LAMINATE. INTERIORS TO BE WHITE MELAMINE.
2. ALL CABINETS SHALL HAVE FINGER PULLS.
3. ALL LOWER LEVEL CABINET DOORS AND DRAWERS TO HAVE CHILD SAFETY LOCKS, EXCEPT FOR MAIN PANTRY RECEPTION AREA AND STAFF LOUNGE. PROVIDE TOT LOCK MAGNETS (2 PER ROOM). REFER TO KEY NOTE 17 FOR ADDITIONAL LOCATIONS.
4. SEE SPECIFICATIONS DRAWINGS FOR APPLIANCE MAKE AND MODEL INFORMATION.
5. ALL COUNTERS TO BE PLASTIC LAMINATE. SEE MILLWORK FINISH SCHEDULE FOR COLOR AND HEIGHT OF THE COUNTERS.
6. NO GROMMET HOLES IN CABINETS FOR ELECTRIC OUTLETS; OUTLETS ARE TO BE PLACED ABOVE THE COUNTERTOP.
7. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLETS AND TELEPHONE JACK LOCATIONS.
8. REFER TO CONSTRUCTION PLAN FOR SPECIFIC LAYOUT. PLANS AND ELEVATIONS SHOWN ARE FOR TYPICAL LAYOUTS.
9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
10. ALL SILICONE / CAULK APPLIED ON MILLWORK TO BE COLOR-MATCHING.
11. ALL MILLWORK SUPPLIED BY REQUIRED MILLWORK VENDOR. SEE T-200.
12. PROVIDE 1mm PVC EDGING WHERE NOTED (REFER TO DETAIL 6/A-131). PVC EDGING COLOR TO MATCH SPECIFIED COUNTERTOP COLOR.
13. REFER TO DRAWING A-131 FOR QUANTITIES OF ALL FURNITURE AND MILLWORK.
14. ALL PANTRY COUNTERS AT CLASSROOMS, ART COUNTERS, DIAPER COUNTERS, AND ALL COUNTERS PROVIDED IN CLASSROOMS SHALL HAVE 2" RADIUS CORNERS.
15. BLOCKING TO BE INSTALLED PER MILLWORK SHOP DRAWINGS.

KEY NOTES:

1. SOAP DISPENSER, SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
2. PAPER TOWEL DISPENSER, SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
3. PLASTIC LAMINATE COUNTER TOP. SEE MILLWORK FINISH AND COUNTER HEIGHTS SCHEDULE FOR COLOR AND HEIGHT.
4. SINK PANEL (FIXED W/NO DAILY ACCESS).
5. 4" COVED VINYL WALL BASE TOE KICK.
6. 8" PLASTIC LAMINATE GUARD WITH LIP ROUND CORNER TO PREVENT CHILDREN FROM FALLING. COLOR TO MATCH COUNTERTOP.
7. RADIUS CORNER
8. SINK. SEE PLUMBING DWGS P-100.
9. ALL ELECTRICAL OUTLETS TO BE MOUNTED SIDEWAYS AT ALL CLASSROOM COUNTERTOPS, TYP. HEIGHT A.F.F. AS DIMENSIONED.
10. MICROWAVE ON COUNTER. SEE SPECIFICATIONS DRAWINGS FOR MAKE AND MODEL
11. FINISH CEILING LINE.
12. REFRIGERATOR. SEE SPECIFICATIONS DRAWINGS FOR MAKE AND MODEL.
13. 4" PLASTIC LAMINATE BACKSPLASH. COLOR TO MATCH COUNTERTOP.
14. MICROWAVE OUTLETS TO BE LOCATED ABOVE THE COUNTER.
15. NOT USED
16. PROVIDE BLOCKING AT ALL CUBBIES, CABINETS, ETC.
17. TOT LOCK TO BE PROVIDED ON LOWER CABINET DOORS AND DRAWERS, EXCEPT FOR TEACHER'S LOUNGE. REFER ALSO TO GENERAL NOTE 3.

NOTE:
ALL MILLWORK TO BE PROVIDED AND INSTALLED BY THE REQUIRED VENDOR BELOW. NO SUBSTITUTIONS ALLOWED.

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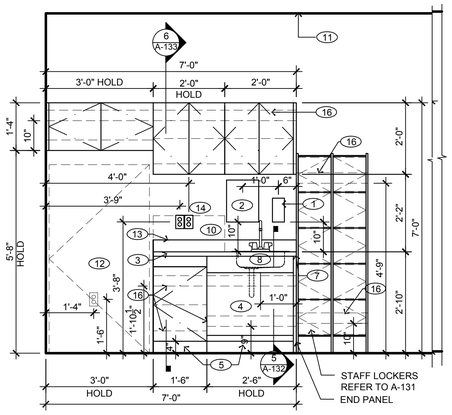


4B ELEVATION
SCALE: 1/2" = 1'-0"

3B A-132

ENLARGED ART COUNTER PLAN
4A
SCALE: 1/2" = 1'-0"

ART COUNTER DET. AT PREPPERS, PRESCHOOL, PRE K-K & M.B.B.
4
SCALE: 1/2" = 1'-0"

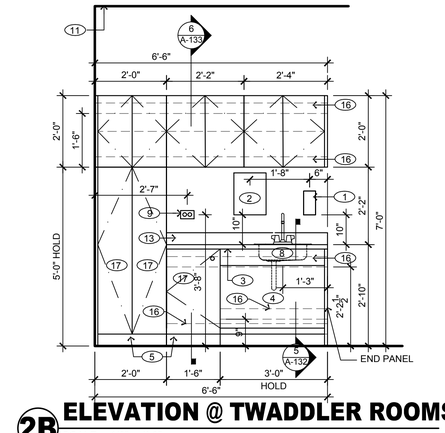


3B ELEVATION
SCALE: 1/2" = 1'-0"

2B A-132

ENLARGED PANTRY PLAN AT STAFF LOUNGE
3A
SCALE: 1/2" = 1'-0"

PANTRY DETAILS @ STAFF LOUNGE
3
SCALE: 1/2" = 1'-0"

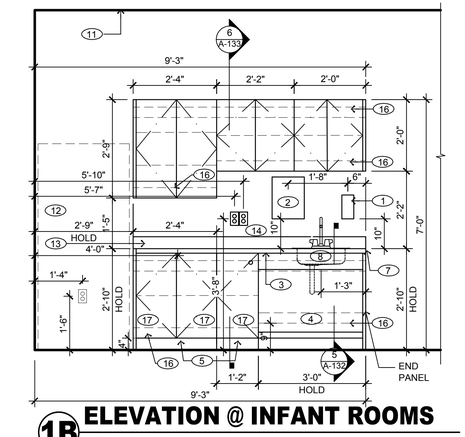


2B ELEVATION @ TWADDLER ROOMS
SCALE: 1/2" = 1'-0"

1B A-132

ENLARGED PANTRY PLAN AT CLASSROOMS
2A
SCALE: 1/2" = 1'-0"

PANTRY DETAILS @ TWADDLER
2
SCALE: 1/2" = 1'-0"



1B ELEVATION @ INFANT ROOMS
SCALE: 1/2" = 1'-0"

1B A-132 (INFANT ROOMS)
1C A-132 (TODDLER & TWADDLER ROOMS)

ENLARGED PANTRY PLAN AT CLASSROOMS
1A
SCALE: 1/2" = 1'-0"

PANTRY DETAILS @ INFANT
1
SCALE: 1/2" = 1'-0"

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MILLWORK ELEVATIONS AND DETAILS

A-132

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND TLE LEARNING EXPERIENCE FOR APPROVAL.

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2024.V24.06 PROTOTYPE

GENERAL NOTES:

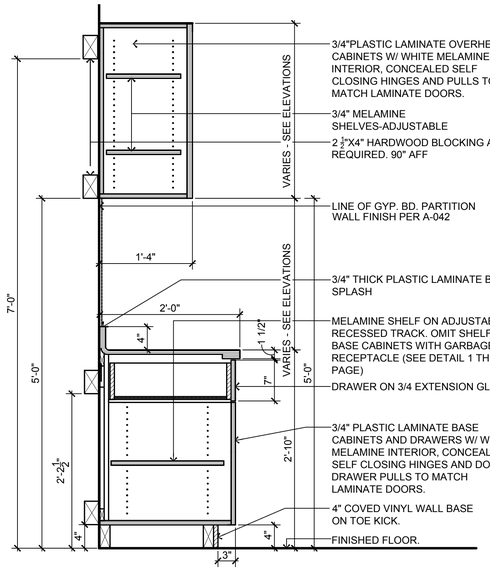
1. ALL BASE AND UPPER CABINETS TO BE WHITE PLASTIC LAMINATE. INTERIORS TO BE WHITE MELAMINE.
2. ALL CABINETS SHALL HAVE FINGER PULLS.
3. ALL LOWER LEVEL CABINET DOORS AND DRAWERS TO HAVE CHILD SAFETY LOCKS, EXCEPT FOR MAIN PANTRY RECEPTION AREA AND STAFF LOUNGE. PROVIDE TOT LOCK MAGNETS (2 PER ROOM). REFER TO KEY NOTE 17 FOR ADDITIONAL LOCATIONS.
4. SEE SPECIFICATIONS DRAWINGS FOR APPLIANCE MAKE AND MODEL INFORMATION.
5. ALL COUNTERS TO BE PLASTIC LAMINATE. SEE MILLWORK FINISH SCHEDULE FOR COLOR AND HEIGHT OF THE COUNTERS.
6. NO GROMMET HOLES IN CABINETS FOR ELECTRIC OUTLETS; OUTLETS ARE TO BE PLACED ABOVE THE COUNTERTOP.
7. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL OUTLETS AND TELEPHONE JACK LOCATIONS.
8. REFER TO CONSTRUCTION PLAN FOR SPECIFIC LAYOUT. PLANS AND ELEVATIONS SHOWN ARE FOR TYPICAL LAYOUTS.
9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
10. ALL SILICONE / CAULK APPLIED ON MILLWORK TO BE COLOR-MATCHING.
11. ALL MILLWORK SUPPLIED BY REQUIRED MILLWORK VENDOR. SEE T-200.
12. PROVIDE 1mm PVC EDGING WHERE NOTED (REFER TO DETAIL 6/A-131). PVC EDGING COLOR TO MATCH SPECIFIED COUNTERTOP COLOR.
13. REFER TO DRAWING A-043 FOR QUANTITIES AND LOCATIONS OF ALL FURNITURE AND MILLWORK.
14. ALL PANTRY COUNTERS AT CLASSROOMS, ART COUNTERS, DIAPER COUNTERS, AND ALL COUNTERS PROVIDED IN CLASSROOMS SHALL HAVE 2" RADIUS CORNERS.
15. BLOCKING TO BE INSTALLED PER MILLWORK SHOP DRAWINGS.

KEY NOTES:

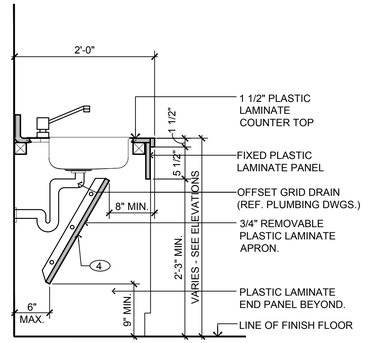
1. SOAP DISPENSER, SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
2. PAPER TOWEL DISPENSER, SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
3. PLASTIC LAMINATE COUNTER TOP. SEE MILLWORK FINISH AND COUNTER HEIGHTS SCHEDULE FOR COLOR AND HEIGHT.
4. SINK PANEL (FIXED W/NO DAILY ACCESS).
5. 4" COVED VINYL WALL BASE TOE KICK.
6. 8" PLASTIC LAMINATE GUARD WITH LIP ROUND CORNER TO PREVENT CHILDREN FROM FALLING. COLOR TO MATCH COUNTERTOP.
7. RADIUS CORNER
8. SINK. SEE PLUMBING DWGS P-100.
9. ALL ELECTRICAL OUTLETS TO BE MOUNTED SIDEWAYS AT ALL CLASSROOM COUNTERTOPS, TYP. HEIGHT A.F.F. AS DIMENSIONED.
10. NOT USED
11. FINISH CEILING LINE.
12. REFRIGERATOR. SEE SPECIFICATIONS DRAWINGS FOR MAKE AND MODEL.
13. 4" PLASTIC LAMINATE BACKSPLASH. COLOR TO MATCH COUNTERTOP.
14. NOT USED
15. TOT LOCK TO BE PROVIDED ON UPPER CABINET DOORS
16. PROVIDE BLOCKING AT ALL CUBBIES, CABINETS, ETC. REFER TO DTL. 6/A-133.
17. TOT LOCK TO BE PROVIDED ON LOWER CABINET DOORS AND DRAWERS, EXCEPT FOR TEACHER'S LOUNGE. REFER ALSO TO GENERAL NOTE 3.

NOTE:
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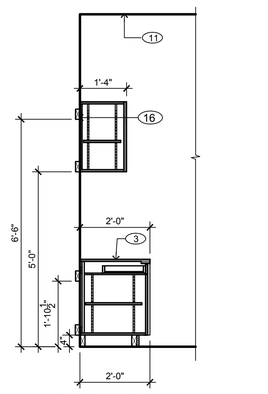
RODGERS WADE
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teamtle@rodgerswade.com



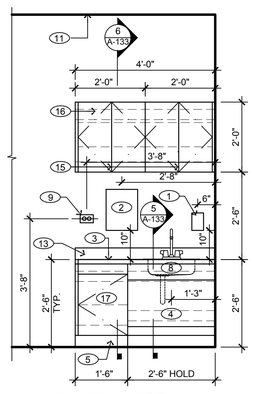
6 SECTION @ CLASSROOM MILLWORK
SCALE: 1" = 1'-0"



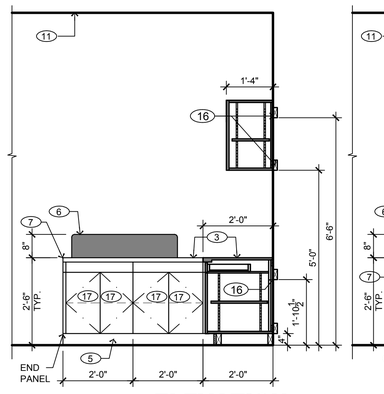
5 SECTION @ CLASSROOM ADA SINK
SCALE: 1" = 1'-0"



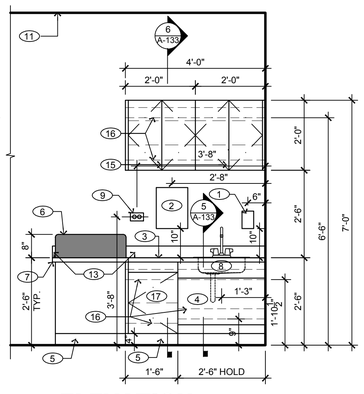
7C SECTION
SCALE: 1/2" = 1'-0"



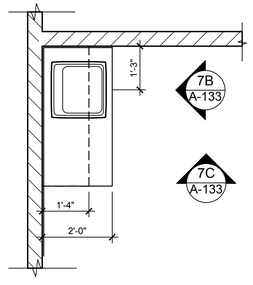
7B ELEVATION
SCALE: 1/2" = 1'-0"



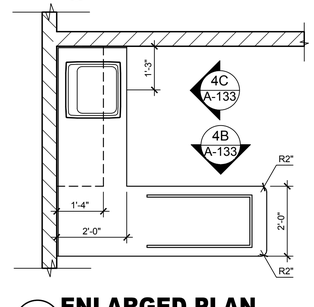
4B ELEVATION
SCALE: 1/2" = 1'-0"



4C ELEVATION
SCALE: 1/2" = 1'-0"



7A ENLARGED PLAN
SCALE: 1/2" = 1'-0"



4A ENLARGED PLAN
SCALE: 1/2" = 1'-0"

7 DIAPER CLEAN STATION @ PRE K-K
SCALE: 1/2" = 1'-0"

4 DIAPER COUNTER DET. @ INFANT, TODDLER, TWADDLER & PREPPER
SCALE: 1/2" = 1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOB SITE CONDITIONS. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

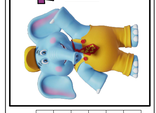
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AND MATERIALS AS SPECIFIED. SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT AND TLE LEARNING EXPERIENCE FOR APPROVAL. UNAUTHORIZED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATIONS HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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MILLWORK ELEVATIONS AND DETAILS

A-133

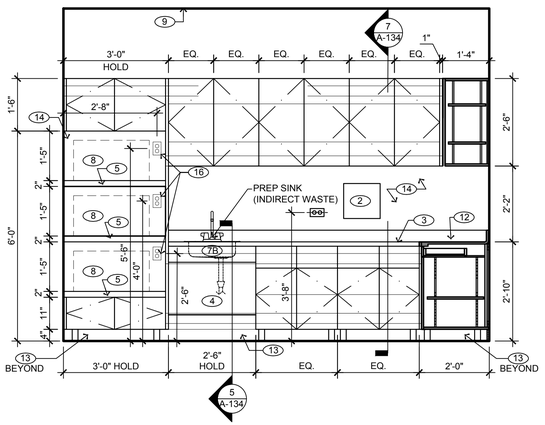
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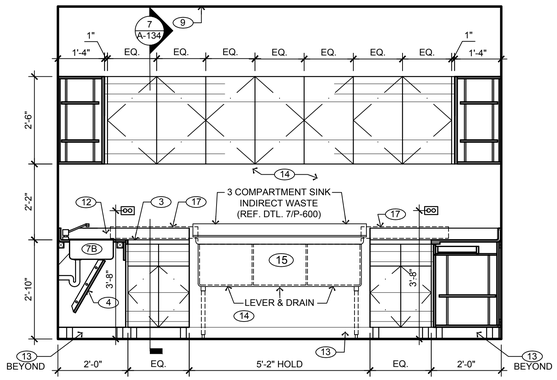
2024.V24.06 PROTOTYPE

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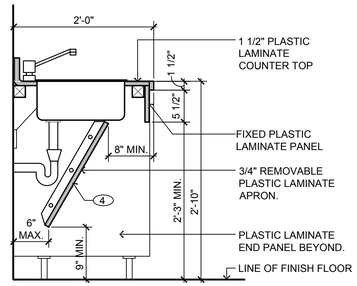
4 ELEVATION AT PANTRY

SCALE: 1/2" = 1'-0"



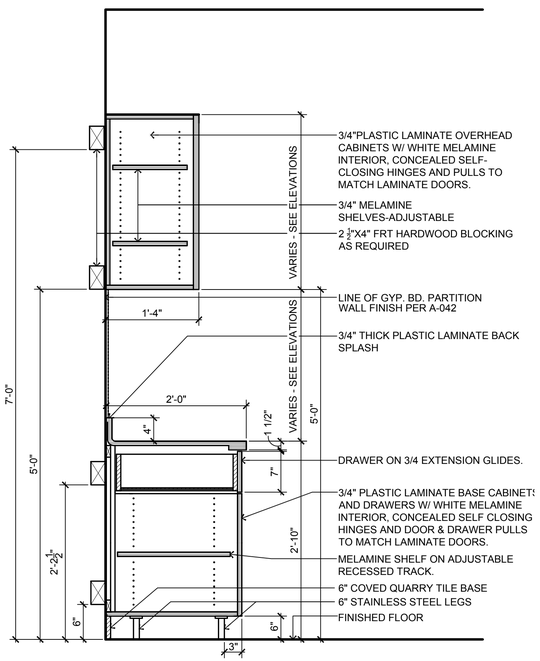
3 ELEVATION AT PANTRY

SCALE: 1/2" = 1'-0"



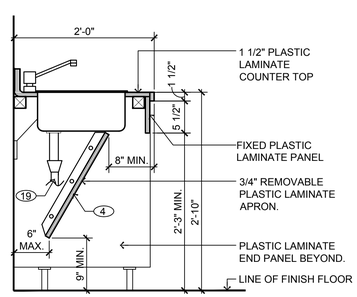
6 SECTION AT PANTRY ADA HAND SINK

SCALE: 1" = 1'-0"



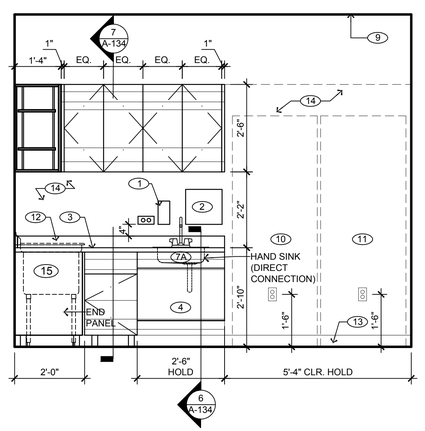
7 MILLWORK SECTION AT PANTRY

SCALE: 1" = 1'-0"



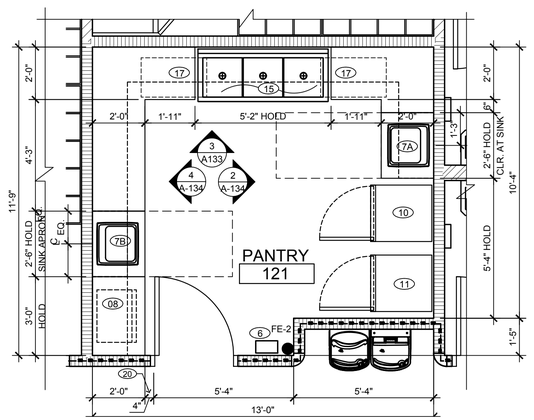
5 SECTION AT PANTRY ADA PREP SINK

SCALE: 1" = 1'-0"



2 ELEVATION AT PANTRY

SCALE: 1/2" = 1'-0"



1 PLAN AT PANTRY

SCALE: 3/8" = 1'-0"

GENERAL NOTES:

1. SEE DRAWING A-131 FOR GENERAL NOTES
2. CONTRACTOR TO COORDINATE ALL PLUMBING FIXTURE SIZES PRIOR TO MILLWORK FABRICATION.
3. LIMIT DOOR SWING TO 90 DEGREES.
4. BLOCKING TO BE INSTALLED PER MILLWORK SHOP DRAWINGS AND AS INDICATED ON A-134.
5. ALL MILLWORK TO BE PROVIDED AND INSTALLED BY THE REQUIRED VENDOR, REFERENCE T-201 TO T-209 SPECIFICATIONS.

KEY NOTES:

1. SOAP DISPENSER; SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
2. PAPER TOWEL DISPENSER; SEE DRAWING A-111 FOR ACCESSORY SCHEDULE.
3. SEE DRAWING A-131, MILLWORK FINISH AND COUNTER HEIGHTS SCHEDULE.
4. SINK PANEL (FIXED W/NO DAILY ACCESS).
5. 2" THICK REINFORCED SHELVES TO HOLD MICROWAVE APPLIANCES.
6. PROVIDE A TELEPHONE JACK. 5'-6" HEIGHT A.F.F.
7A. HAND SINK WITH COUNTER-MOUNTED SPLASH GUARDS. PROVIDE DIRECT DRAIN CONNECTION. REFER TO PLUMBING DWGS P-100.
7B. FOOD PREP SINK. PROVIDE INDIRECT DRAIN CONNECTION. REFER TO PLUMBING DWGS P-100.
8. MICROWAVE (SUPPLIED AND INSTALLED BY G.C.) REFER TO SPECIFICATIONS.
9. FINISH CEILING LINE.
10. REFRIGERATOR (SUPPLIED AND INSTALLED BY G.C.) REFER TO SPECIFICATIONS.
11. FREEZER (SUPPLIED AND INSTALLED BY G.C.) REFER TO SPECIFICATIONS.
12. 4" PLASTIC LAMINATE BACK SPLASH MATCH TO COUNTERTOP COLOR.
13. 6" QUARRY BASE, SEE FINISH PLAN FOR SPECIFICATIONS.
14. WHITE FRP PANELS ON WALLS (TO TOP OF CABINETS ONLY).
15. THREE COMPARTMENT SINK. PROVIDE INDIRECT CONNECTIONS. SEE PLUMBING DRAWING P-100.
16. PROVIDE OUTLETS FOR MICROWAVES..
17. PROVIDE AERO NON-NSF DRAINBOARDS STAINLESS STEEL MODEL4D-1824-C. WITH STAINLESS STEEL FEET SO THAT THEY WILL ANGLE INTO SINK AND HAVE PROTECTIVE BOTTOM SO COUNTER DOESN'T SCRATCH. PROVIDE ONE ON EACH SIDE.
18. NOT USED
19. INDIRECT CONNECTIONS SHALL BE PROVIDED AT PANTRY FOOD PREP SINK AND 3-COMPARTMENT SINK ONLY. PROVIDE DIRECT CONNECTION AT PANTRY HAND SINK.
20. HOLD DIMENSION FOR MINIMUM OF 4" FROM FACE OF MILLWORK TO DOOR FOR CLEARANCE FOR DOOR CLOSER

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOBSITE CONDITIONS AND SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS AS SPECIFIED. ANY SUBSTITUTIONS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAUTHORIZED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATIONS ARE NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS FOR PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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PANTRY ELEVATIONS AND DETAILS

A-134

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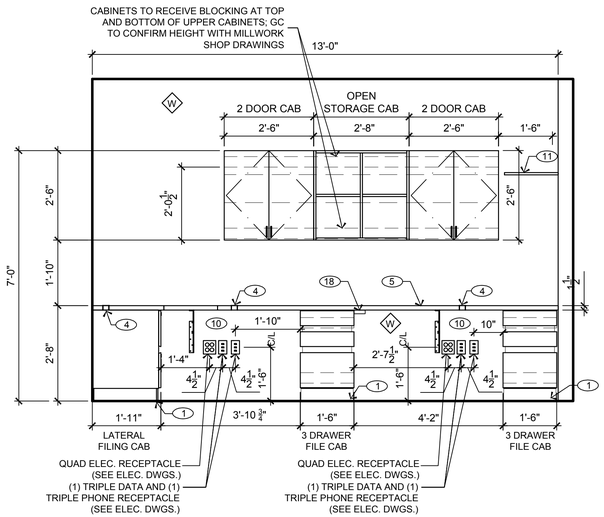
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GENERAL NOTES:

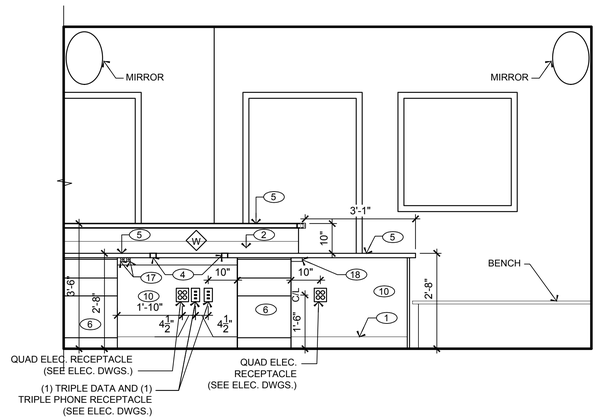
1. SEE DRAWING A-131 FOR GENERAL NOTES
2. CONTRACTOR TO COORDINATE ALL PLUMBING FIXTURE SIZES PRIOR TO MILLWORK FABRICATION.
3. RUBBER BUMPERS ARE REQUIRED ON ALL DOORS - TOP & BOTTOM AND ALL DRAWERS.
4. BLOCKING TO BE INSTALLED PER MILLWORK SHOP DRAWINGS.
5. ALL MILLWORK TO BE PROVIDED AND INSTALLED BY THE REQUIRED VENDOR, REFERENCE T-201 TO T-209 SPECIFICATIONS.

KEY NOTES:

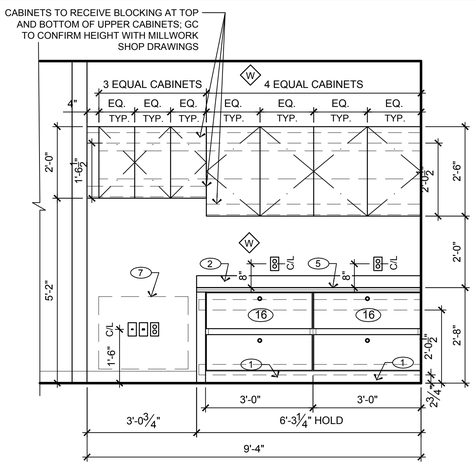
(1) 4" PLASTIC LAMINATE TOE KICK ON CABINETS.
(2) 4" PLASTIC LAMINATE BACKSPLASH. COLOR TO MATCH COUNTERTOP.
(3) (2) 32" MONITORS TO BE COORDINATED WITH SECURITY VENDOR. SEE SPECIFICATION. MONITORS TO BE MOUNTED SIDE BY SIDE AND BOTTOM TO BE EVEN W/ TOP OF WINDOW FRAME.
(4) 2" GROMMET HOLE WITH INSERTS AT LOWER COUNTER.
(4a) 2" DESK GROMMET HOLES IN OFFICE DESK (REFER TO MILLWORK SHOP DRAWINGS FOR DETAILS).
(5) PLASTIC LAMINATE COUNTER/DESK. SEE MILLWORK FINISH AND COUNTER HEIGHTS SCHEDULE ON DRAWING A-131.
(6) DESK PEDESTAL
(7) COPIER/PRINTER BY TLE
(8) 2x10 BLOCKING BEHIND MONITORS. BLOCKING TO BE LOCATED FLUSH WITH BOTTOM OF OUTLET AND CENTERED ON OUTLET.
(9) 55" LOBBY BOARD/RECEPTION TV PROVIDED THROUGH CDW. TV TO BE MOUNTED VERTICALLY AT 60" AFF TO C.L. (39" AFF TO BOTTOM, 88" AFF TO TOP) WITH FLUSH-MOUNT, NON-TILT BRACKET APPROVED FOR MOUNTING IN VERTICAL ORIENTATION. PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA RECEPTACLE AT 72" AFF TO C.L. PROVIDE 2x10 BLOCKING (32" WIDE) BEHIND TV, FLUSH WITH BOTTOM OF OUTLET, AND CENTERED ON OUTLET REFER TO SPECIFICATIONS DRAWINGS FOR ADDITIONAL AUDIO VISUAL EQUIPMENT INFORMATION.
(10) DESK SUPPORT BY MILLWORK VENDOR. MILLWORK VENDOR SHALL COORDINATE FINAL RECEPTACLE LOCATIONS WITH ELECTRICIAN.
(11) DVR SHELF. **DVR SHOULD NOT BE INSTALLED WITH HARD DRIVE AND CAMERAS CANNOT RECORD.**
(12) KEY FOB. REFER TO ELECTRICAL DRAWINGS.
(13) CALL BOX. REFER TO ELECTRICAL DRAWINGS.
(14) BURGLAR ALARM KEYPAD. REFER TO ELECTRICAL DRAWINGS.
(15) FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
(16) UNDER-COUNTER DRAWERS ARE INSTALLED BY MILLWORK VENDOR AND ARE INTEGRATED INTO THE COUNTER
(17) DOOR RELEASE BUTTONS BY SECURITY VENDOR. ONE BUTTON SHALL OPERATE DOOR REC-1 AND THE OTHER SHALL OPERATE DOOR VES-2.
(18) EMERGENCY PANIC BUTTON. REFER TO ELECTRICAL DRAWINGS.



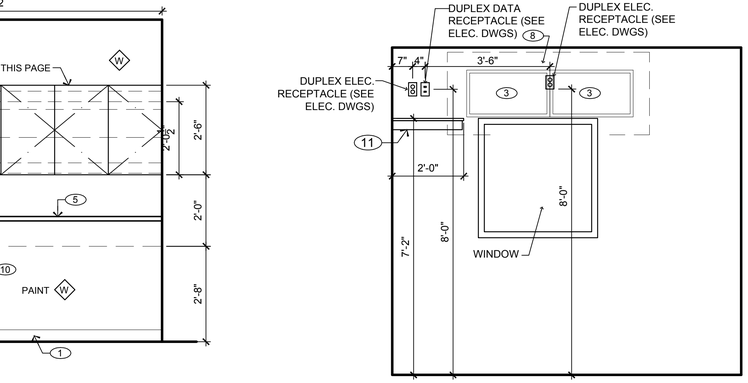
8 ELEVATION AT OFFICE
SCALE: 1/2" = 1'-0"



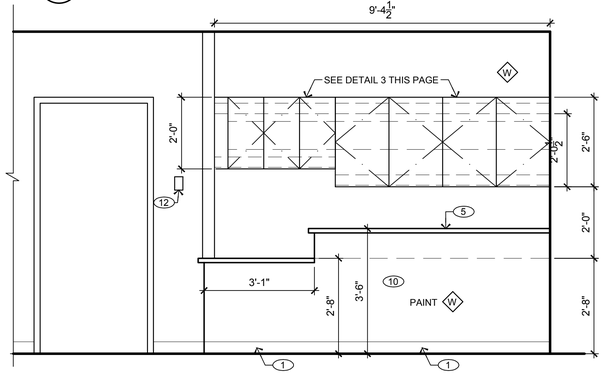
5 ELEVATION AT RECEPTION
SCALE: 1/2" = 1'-0"



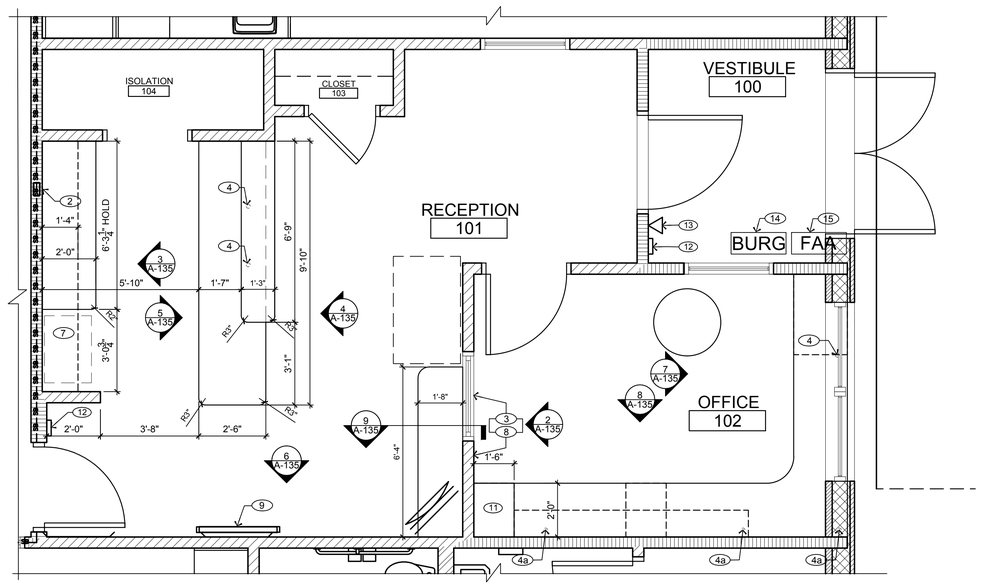
3 ELEVATION AT RECEPTION
SCALE: 1/2" = 1'-0"



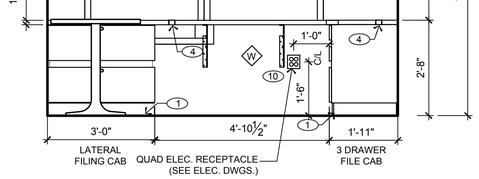
2 ELEVATION AT OFFICE
SCALE: 1/2" = 1'-0"



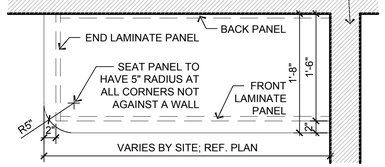
4 ELEVATION AT RECEPTION
SCALE: 1/2" = 1'-0"



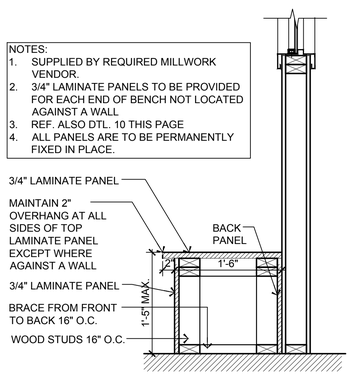
1 PLAN AT RECEPTION & OFFICE
SCALE: 3/8" = 1'-0"



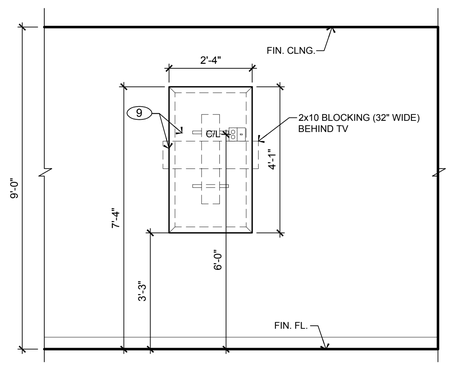
7 ELEVATION AT OFFICE
SCALE: 1/2" = 1'-0"



10 TYP. BENCH PLAN VIEW
SCALE: 1" = 1'-0"



9 SECTION AT BENCH
SCALE: 1" = 1'-0"



NO OTHER DEVICES (F.E., ETC) TO BE PLACED ON THIS WALL DUE TO WALL GRAPHICS AT THIS LOCATION

6 ELEVATION AT RECEPTION
SCALE: 1/2" = 1'-0"

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2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE ANY INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND TLE LEARNING EXPERIENCE FOR APPROVAL.

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RECEPTION AREA ELEVATIONS AND DETAILS

A-135

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2024.V24.06 PROTOTYPE

ENTRY BLOCKS PAINT SCHEDULE			
FINISH AREA	COLOR	SHERWIN WILLIAMS	
		COLOR NAME	STOCK NO.
BLOCKS 1 & A	PURPLE	DYNAMO	SW 6841
BLOCKS 2 & B	YELLOW	CONFIDENT YELLOW	SW 6911
BLOCKS 3 & C	ORANGE	OSAGE ORANGE	SW 6890
BLOCKS 4 & D	GREEN	ELECTRIC LIME	SW 6921
COLUMN WRAP	WHITE	ALABASTER	SW 7008

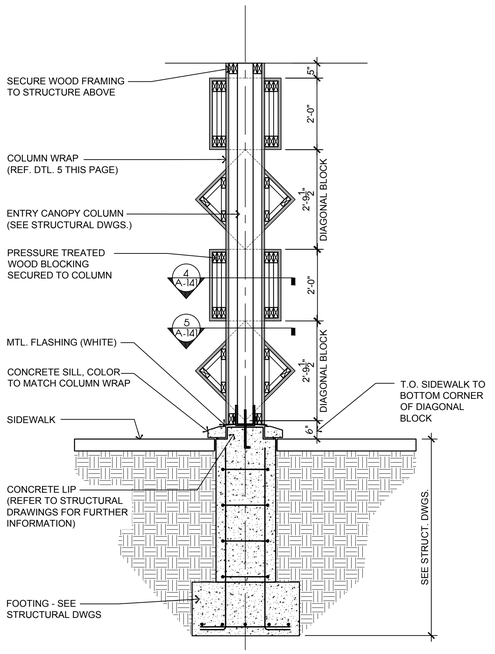
ENTRY BLOCKS PAINT SCHEDULE NOTES:
1. LETTERING SHALL BE WHITE ACRYLIC (PROVIDED BY SIGN VENDOR).
2. PAINT FINISH (COLORS SPECIFIED ABOVE):
   a. SHERWIN WILLIAMS PRO INDUSTRIAL ACRYLIC COATING

ALL PAINTED SURFACES SHALL RECEIVE MINIMUM ONE COAT OF PRIMER AND TWO COATS OF PAINT (UNLESS FACTORY PRIMED BY THE MANUFACTURER). REFER TO SPECIFICATIONS DRAWINGS FOR ADDITIONAL INFORMATION.
3. SELECTED COLOR PALETTE SHALL BE FROM THE ABOVE MANUFACTURER.
4. NO SUBSTITUTIONS WILL BE ALLOWED.

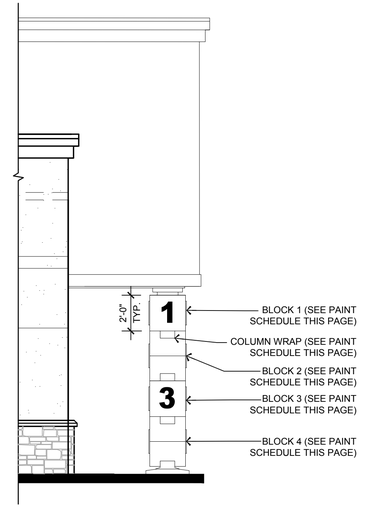
NOTE: FINISH OUT COLUMNS TO MATCH THE BUILDING.



5 COLUMN WRAP PLAN DETAILS
SCALE: 1"=1'-0"

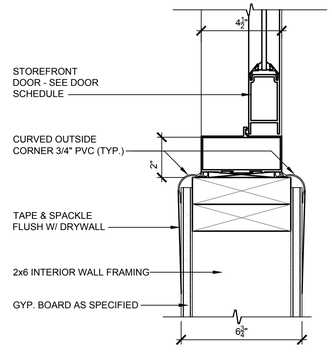


3 SECTION THROUGH COLUMN COVER
SCALE: 1/2"=1'-0"

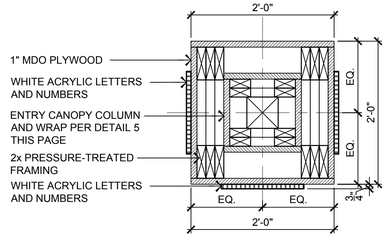


SIDE ELEVATION INCLUDES THE OPPOSITE SIDE : COLUMN (3 SIDES OF BLOCKS IN TOTAL)

2 SIDE ELEVATION AT CANOPY
SCALE: 1/4"=1'-0"

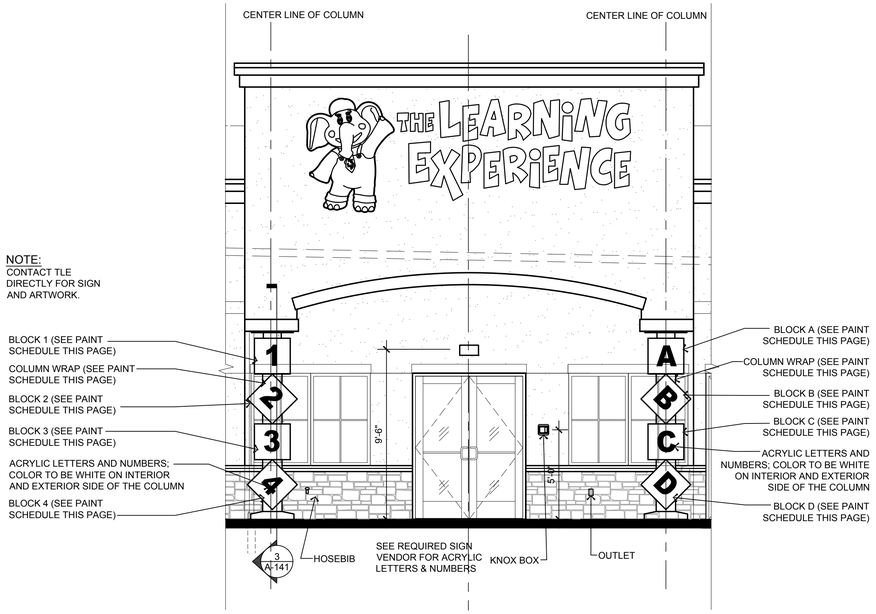


6 ENTRANCE JAMB DETAIL
SCALE: 3"=1'-0"



NOTE:
ABC-123 BLOCKS TO HAVE FLAT NUMBERS AND LETTERS AS SHOWN ON THE INTERIOR AND EXTERIOR SIDES OF THE COLUMN

4 BUILDING BLOCKS PLAN DETAILS
SCALE: 1"=1'-0"



1 FRONT ELEVATION AT MAIN ENTRY
SCALE: 1/4"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND LIABLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR SAFETY.
2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
3. VISUAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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MAIN ENTRANCE DETAILS

A-141

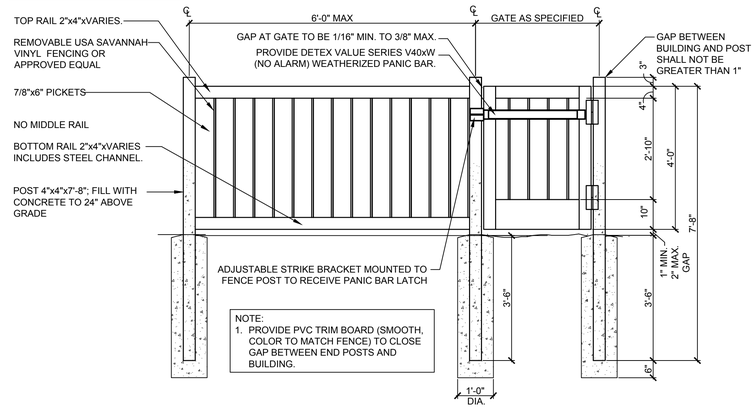
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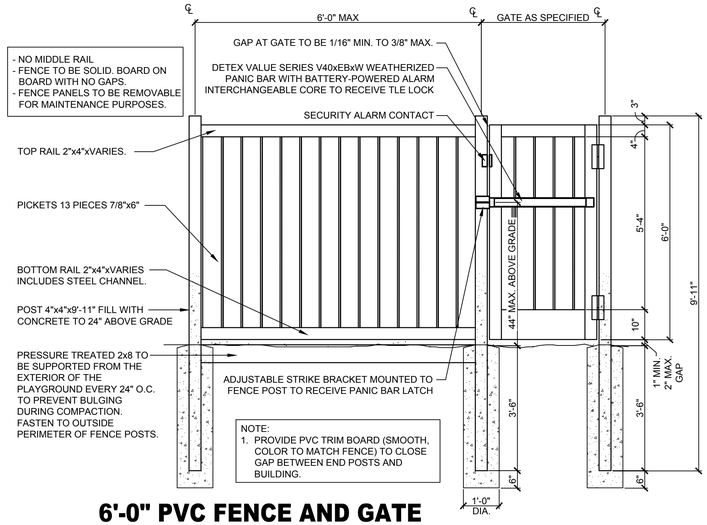
- NO MIDDLE RAIL
- FENCE TO BE SOLID. BOARD ON BOARD WITH NO GAPS.
- FENCE PANELS TO BE REMOVABLE FOR MAINTENANCE PURPOSES.



NOTE:
1. PROVIDE PVC TRIM BOARD (SMOOTH, COLOR TO MATCH FENCE) TO CLOSE GAP BETWEEN END POSTS AND BUILDING.

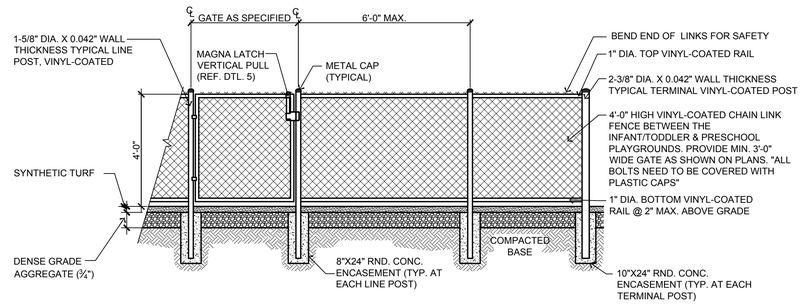
3 4'-0" PVC FENCE AND GATE DETAIL
SCALE: 1/2"=1'-0"

- NO MIDDLE RAIL
- FENCE TO BE SOLID. BOARD ON BOARD WITH NO GAPS.
- FENCE PANELS TO BE REMOVABLE FOR MAINTENANCE PURPOSES.

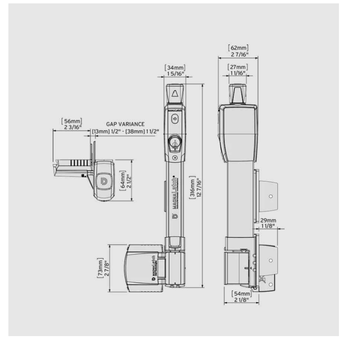


NOTE:
1. PROVIDE PVC TRIM BOARD (SMOOTH, COLOR TO MATCH FENCE) TO CLOSE GAP BETWEEN END POSTS AND BUILDING.

2 6'-0" PVC FENCE AND GATE WITH PANIC HARDWARE
SCALE: 1/2"=1'-0"



4 4'-0" CHAIN LINK FENCE DETAIL
SCALE: 1/2"=1'-0"



TO BE PROVIDED ON CHAIN LINK FENCE GATE(S) ONLY. REFER TO GENERAL NOTE #2 THIS PAGE.

MAGNALATCH SERIES 3 VERTICAL PULL

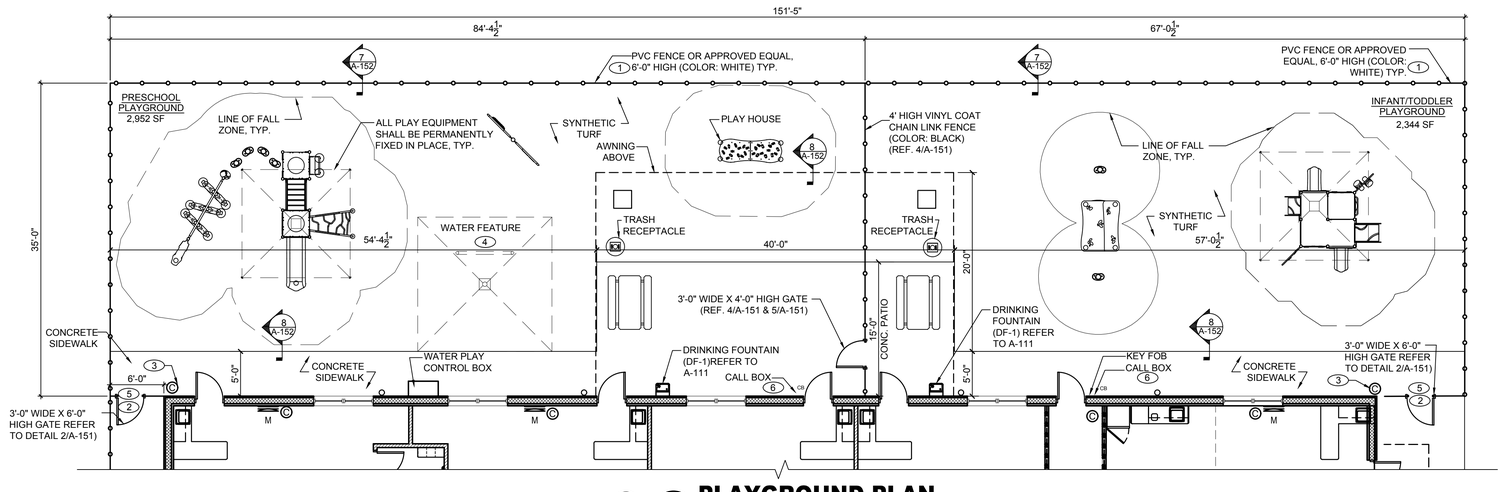
5 MAGNA LATCH DETAIL
SCALE: 3" = 1'-0"

KEY NOTES:

1. PROVIDE 6'-0" HIGH USA VINYL SAVANNAH (WHITE) PRIVACY STYLE FENCE OR APPROVED EQUAL. AROUND PERIMETER OF PLAYGROUND AND WHEREVER ELSE SHOWN ON PLANS. REFER TO DETAIL #2 FOR ADDITIONAL INFORMATION.
2. PROVIDE 3'-0" WIDE MIN. GATES WITH DETEX VALUE SERIES V40xEBxW PANIC HARDWARE (WEATHERIZED WITH BATTERY-POWERED ALARM). NO ACCESS FROM OUTSIDE. SEE DETAIL #2 & 3 ON A-151 FOR MOUNTING HEIGHTS.
3. SECURITY CAMERA TO BE MOUNTED 6" BELOW CANOPY HEIGHT. REFER TO A-051 FOR LOCATION.
4. PRESCHOOL PLAYGROUND P.I.P. SURFACING WITHIN SPLASH PAD SHALL BE 100% BLUE FINISH.
5. REFER TO A-122 FOR DOOR HARDWARE SCHEDULE.
6. CALL BOX TO BE INSTALLED AT 48" AFF

GENERAL NOTES:

1. COORDINATE WITH PLAYGROUND EQUIPMENT VENDOR, AND INSTALL FOOTINGS AND FOUNDATIONS AS REQUIRED FOR PLAYGROUND EQUIPMENT.
2. PROVIDE 4'-0" HIGH VINYL COATED, CHAIN LINK FENCE BETWEEN THE INFANT & PRESCHOOL PLAYGROUNDS. PROVIDE MIN. 3'-0" WIDE GATE WITH MAGNA LATCH OR APPROVED EQUAL. MAGNA LATCH TO REMAIN UNLOCKED AT ALL TIMES. REFER TO PLAYGROUND PLAN FOR GATE LOCATION(S).
3. INSTALL CAMERAS TO ENSURE ADEQUATE COVERAGE. PROVIDE ADDITIONAL CAMERAS TO ELIMINATE BLIND SPOTS. EXTERIOR CAMERAS SHALL BE INSTALLED IN EACH PLAYGROUND. EXACT QUANTITY AND LOCATIONS SHALL BE COORDINATED WITH "THE LEARNING EXPERIENCE."
4. CONTRACTOR TO ENSURE PROPER DRAINAGE FOR PLAYGROUND AREA, SO BELOW GRADE "PONDING" WILL NOT OCCUR. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AT 1/8" TO 1/4" PER FOOT PITCH. PROVIDE DRYWELL, CORRUGATED PIPE, FRENCH DRAIN, ETC IF NEEDED. NO ROOF DRAINS TO EMPTY DIRECTLY INTO PLAYGROUND.
5. NO MIRRORED PLAY COMPONENTS SHALL BE PROVIDED.
6. PLAY SURFACING SPECIFICATIONS ARE AS FOLLOWS:
   SYNTHETIC TURF SURFACING:
   A. 8641 TURF GREEN; YARN POLYMER: NYLON
   B. PROVIDE WITH 1" PADDING FOR FULL TURF AREA
7. GC TO GRADE PLAYGROUND MINIMUM 1% AND MAXIMUM 2% AWAY FROM BUILDING. REFER TO CIVIL GRADING PLAN.
8. SECURITY ALARM CONTACT AT 6'-0"H PLAYGROUND GATES SHALL BE WIRELESS. REFERENCE A-011 AND E-200 FOR FURTHER DETAILS AND LOCATIONS.
9. ENTIRE PLAYGROUND TO RECEIVE SYNTHETIC TURF GRASS, EXCEPT AT THE WATER PLAY AREA (FOR SOUTHERN STATES)
10. DETEX CORE HOUSING: RIM CYLINDER(S) SFIC HOUSING = ICR7.



NORTH

1 PLAYGROUND PLAN
SCALE: 1/8"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. ALL UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION DOCUMENTS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

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TLE SITE ID: 1FL0132

THE LEARNING EXPERIENCE
ACADEMY OF EARLY EDUCATION

REVISION

NO.	DATE	DESCRIPTION

ISSUE

NO.	DATE	DESCRIPTION
01	02.28.25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
BB
APPROVED BY

PROFESSIONAL CERTIFICATION

PLAYGROUND AREA DETAILS

A-151

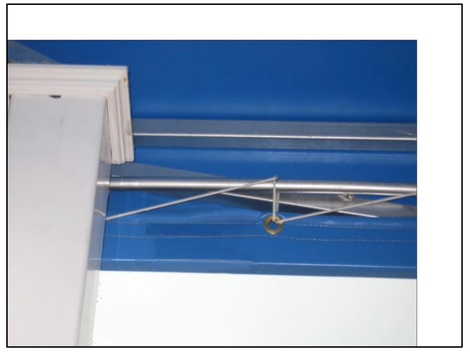
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2024.V24.06 PROTOTYPE

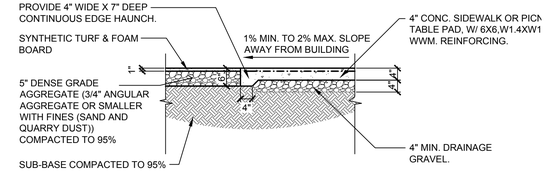
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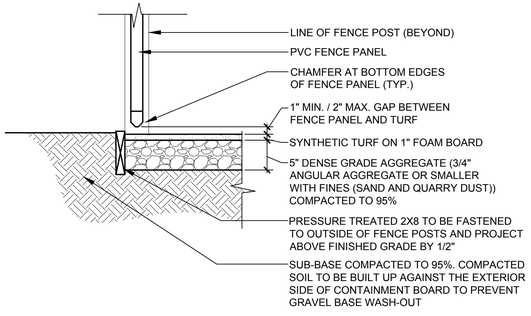
4 POST / CONCRETE PAD PICTURE
SCALE: NTS



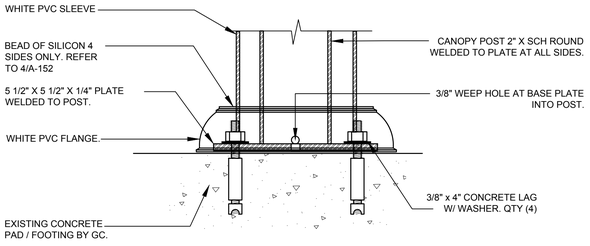
5 POST / CANOPY PICTURE
SCALE: NTS



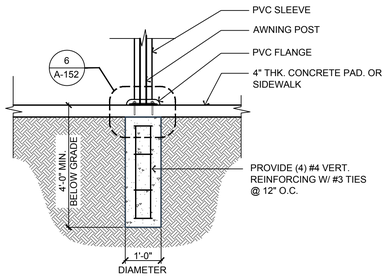
8 SIDEWALK EDGE DETAIL @ PLAY SURFACE
SCALE: 1/2" =1'-0"



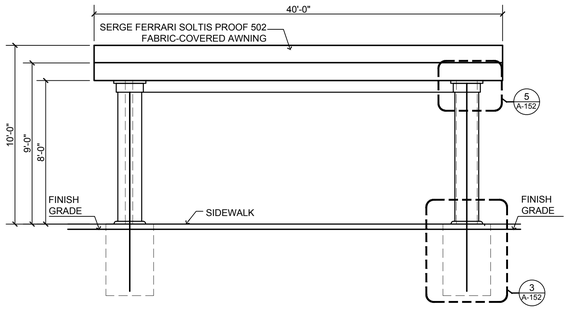
7 TREX BOARD DETAIL @ TURF SURFACE
SCALE: 1" = 1'-0"



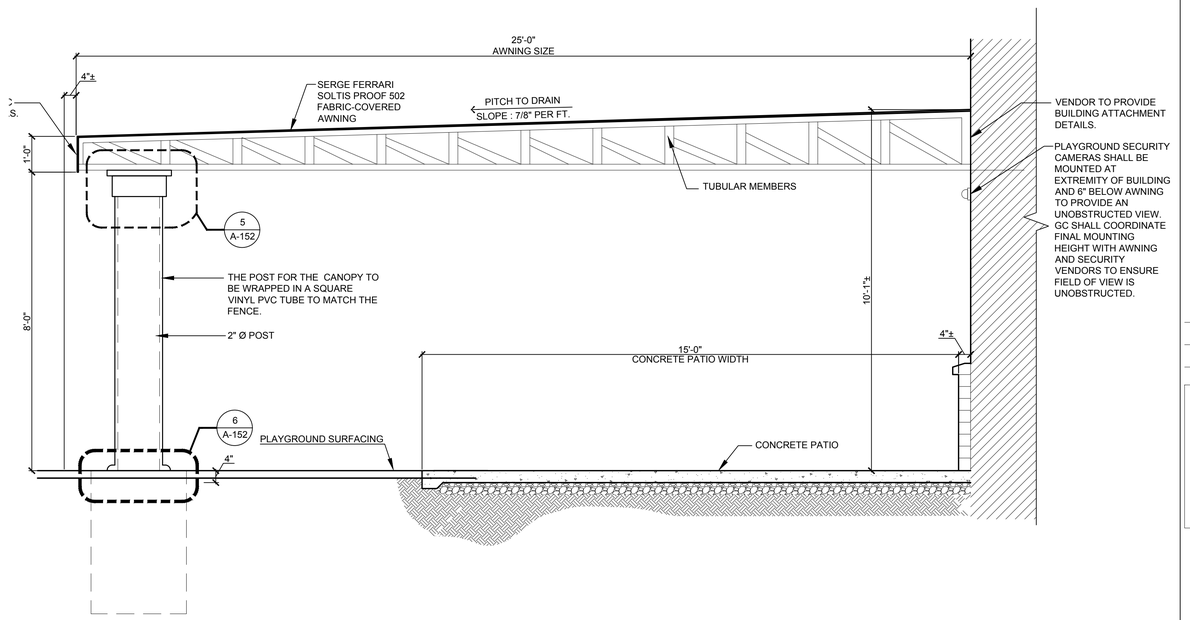
6 ANCHOR DETAILS AT COLUMNS
SCALE: 1" = 1'-0"



3 TYPICAL POST FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



2 PICNIC TABLES AWNING ELEVATION
SCALE: 1/4" = 1'-0"



1 PICNIC TABLES AWNING CROSS SECTION
SCALE: 1/2" = 1'-0"

AWNING NOTES:

1. FRAME TO BE CONSTRUCTED OF GALVANIZED STRUCTURAL STEEL TUBING (ASTM RATING 513) WITH 50,000 PSI TENSILE STRENGTH OR ALUMINUM WITH EQUAL STRENGTH. DESIGN IN ACCORDANCE WITH REQUIRED BUILDING CODE.
2. ALL ANCHORS, BRACKETS AND BOLTS TO BE ZINC PLATED.
3. ALL COMPONENTS OF PLAYGROUND AWNINGS SHALL BE EXTERIOR GRADE.
4. VENDOR SHALL FIELD VERIFY ALL APPLICABLE DIMENSIONS.
5. GC. TO SUBMIT SHOP DRAWINGS OF AWNING FRAME TO THE ARCHITECT'S OFFICE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INDICATE ALL SITE SPECIFIC CONNECTIONS, WELDS AND ANCHORING. VENDOR IS RESPONSIBLE FOR PROVIDING SHOP DRAWINGS SEALED BY A LICENSED ENGINEER.
6. AWNING FABRIC COVER MATERIAL
   MANUFACTURER: SERGE FERRARI
   MATERIAL: SOLTIS PROOF 502 VINYL FABRIC
   COLOR: #502V2-8204C, ORANGE
   CLASS A RATED PER ASTM E84
7. ALL WELDS AT POST CONNECTION WELDED TOGETHER AT ALL SIDES. ALL WELDS TO BE GRIND SMOOTH, PRIMED AND PAINTED.
8. PROVIDE CERTIFICATE OF FLAME RESISTANCE FOR FABRIC COVER.

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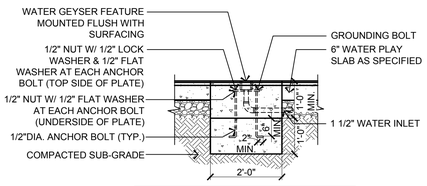
PLAYGROUND AREA DETAILS

A-152

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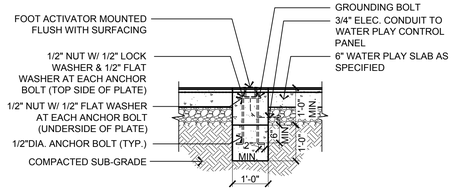
2024.V24.06 PROTOTYPE

PLOTTED: 02/28/2025 JYOUNG H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORD\FL 3284 WEST 1ST ST\CDS\46. TLEFL24-305-A-153.DWG



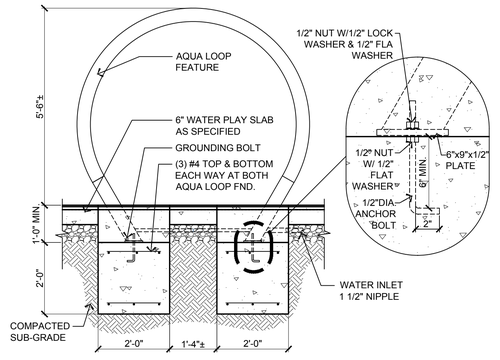
NO REBAR REQUIRED FOR THIS FOUNDATION.

4 GEYSER FND. DTL.
SCALE :1/2" = 1'-0"



NO REBAR REQUIRED FOR THIS FOUNDATION.

5 ACTIVATOR FND. DTL.
SCALE :1/2" = 1'-0"



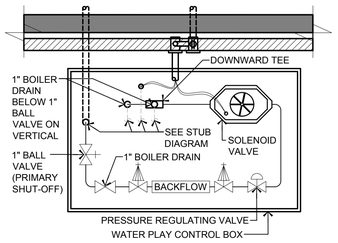
3 AQUA LOOP FND. DTL.
SCALE :1/2" = 1'-0"

WATER PLAY FEATURE EQUIPMENT SCHEDULE

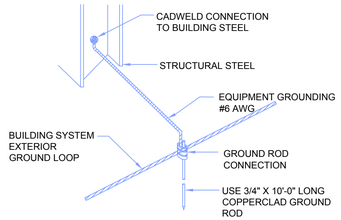
AQUA LOOP	MANUFACTURER:	NIRBO AQUATIC, INC.
	PRODUCT:	WATER HALO
	MODEL:	03099
GEYSER	MANUFACTURER:	NIRBO AQUATIC, INC.
	PRODUCT:	WATER UP
	MODEL:	03139
ACTIVATOR	MANUFACTURER:	NIRBO AQUATIC, INC.
	PRODUCT:	STEP-ON ACTIVATOR
	MODEL:	03166

GENERAL NOTES:

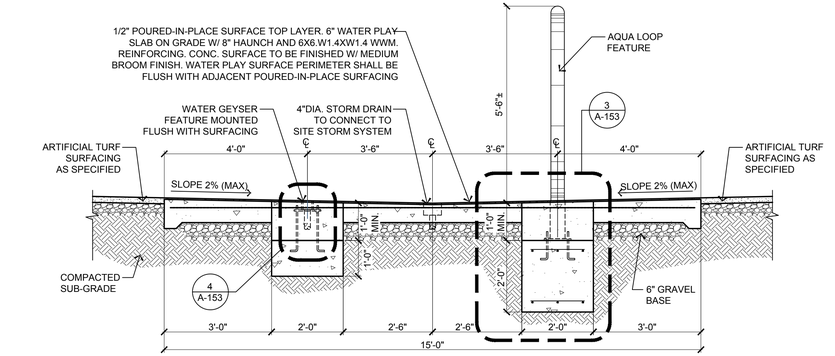
1. WATER PLAY SURFACE SHALL BE SLOPED TO THE DRAIN LOCATION AS NOTED. SURFACE SHALL NOT EXCEED 2% SLOPE.
2. G.C. AND WATER PLAY INSTALLER SHALL ENSURE PROPER DRAINAGE SUCH THAT BELOW OR ABOVE GRADE PONDING WILL NOT OCCUR. THIS MAY INCLUDE, BUT NOT BE LIMTED TO PROVIDING DRYWELL, CORRUGATED PIPE, FRENCH DRAIN, ETC., IF REQUIRED.



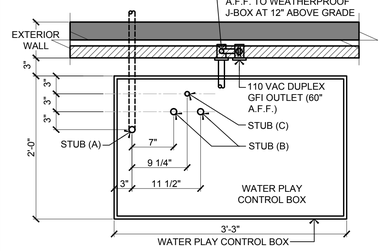
SUPPLY SCHEMATIC FOR WATER FEATURE - PLAN VIEW
11
SCALE :N.T.S.



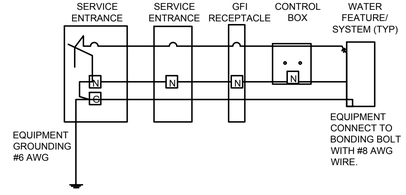
6 GROUNDING ROD STRUCT. STL. CONNECTION DTL.
SCALE :N.T.S.



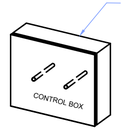
2 WATER FEATURE - SECTION VIEW
SCALE :1/2" = 1'-0"



CONTROL BOX STUB DIAGRAM
10
SCALE :N.T.S.



GROUND AND BONDING SCHEMATIC DETAIL
7
SCALE :N.T.S.

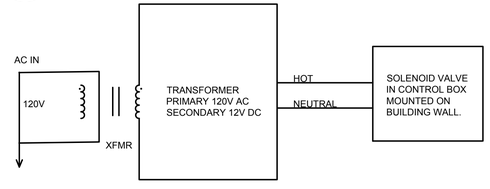


CONTROL PANEL TO BE MOUNTED ABOVE PLUMBING BOX AT EXTERIOR OF BUILDING.

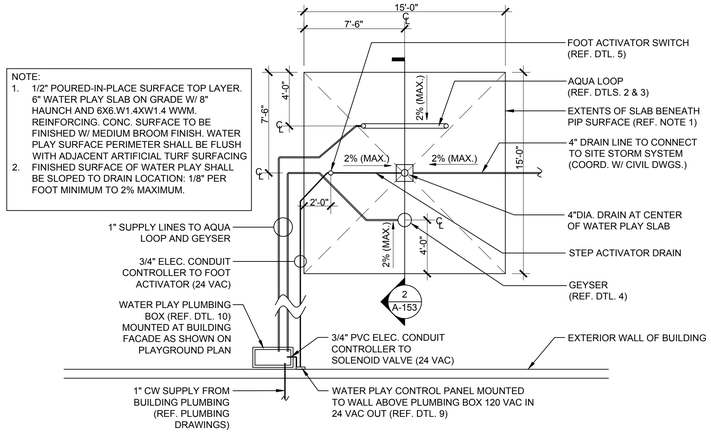
NOTE: ELECTRICAL CONTRACTOR SHALL COORDINATE W/ PLAY FEATURE VENDOR/INSTALLER FOR EXACT LOCATION OF CONDUIT STUB OUT FROM CONTROL PANEL. PROVIDE #14 GA CONTROL WIRING FOR FEATURE.VERIFY ALL REQUIREMENTS W/ PLAY FEATURE VENDOR.

PROVIDE #8 AWG FOR EQUIPMENT BONDING. 3/4" PVC CONDUIT TO RUN FROM CONTROL BOX TO SOLENOID VALVE. PROVIDE POWER TO SOLENOID VALVE.
IF REQUIRED, PROVIDE GROUNDING AND BONDING. TRANSFORMER POWER INPUT 120V AC TO 12V DC IN CONTROL BOX.

CONTROL PANEL DETAIL
9
SCALE :N.T.S.



POWER SUPPLY TRANSFORMER 120V AC TO 12VDC DETAIL
8
SCALE :N.T.S.



WATER PLAY - PLUMBING DIAGRAM
1
SCALE :1/8" = 1'-0"

GROUNDING & BONDING EQUIPMENT NOTES:

CONTRACTOR SHALL MEET APPLICABLE REQUIREMENTS OF SECTION I, II & V OF ARTICLE 680 OF THE NEC. THE TERM "POOL" IS AS USED IN THE NEC AND IS APPLICABLE TO ALL "WATER PLAY" EQUIPMENT

1. THE FOLLOWING EQUIPMENT SHALL BE GROUNDED:
   - ALL ELECTRICAL EQUIPMENT WITHIN 5 FT OF SPECIFIED BODY OF WATER
   - ALL ELECTRICAL EQUIPMENT FOR RECIRCULATING SYSTEM OF THE WATER FEATURE JUNCTION BOXES
   - TRANSFORMERS AND POWER SUPPLY ENCLOSURES
   - GROUND-FAULT CIRCUIT INTERRUPTERS
   - PANEL BOARDS NOT PART OF SERVICE EQUIPMENT THAT POWER ANY EQUIPMENT ASSOCIATED WITH THE WATER FEATURE
2. ALL METAL PIPING SYSTEMS ASSOCIATED WITH THE FOUNTAIN SHALL BE BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR OF THE BRANCH CIRCUIT SUPPLYING THE FOUNTAIN.
3. THE EQUIPOTENTIAL BONDING REQUIRED SHALL BE INSTALLED TO REDUCE VOLTAGE GRADIENTS IN THE POOL AREA.
4. THE PARTS SPECIFIED IN 680.26(B)(1) THROUGH (B)(7) SHALL BE BONDED TOGETHER USING SOLID COPPER CONDUCTORS, INSULATED COVERED, OR BARE, NOT SMALLER THAN 8 AWG OR WITH RIGID METAL CONDUIT OF BRASS OR OTHER IDENTIFIED CORROSION-RESISTANT METAL
5. POOL WATER: WHERE NONE OF THE BONDED PARTS IS IN DIRECT CONNECTION WITH THE POOL WATER, THE POOL WATER SHALL BE IN DIRECT CONTACT WITH AN APPROVED CORROSION-RESISTANT CONDUCTIVE SURFACE THAT EXPOSES NOT LESS THAN 5800 MM2 (9 IN.2) OF SURFACE AREA TO THE POOL WATER AT ALL TIMES. THE CONDUCTIVE SURFACE SHALL BE LOCATED WHERE IT IS NOT EXPOSED TO PHYSICAL DAMAGE OR DISLODGEMENT DURING USUAL POOL ACTIVITIES, AND IT SHALL BE BONDED IN ACCORDANCE WITH 680.26(B)
6. FIXED METAL PARTS: ALL FIXED METAL PARTS SHALL BE BONDED INCLUDING, BUT NOT LIMITED TO, METAL-SHEATHED CABLES AND RACEWAYS,METAL PIPING, METAL AWNINGS, METAL FENCES, AND METAL DOOR AND WINDOW FRAMES
   - EXCEPTION NO 1: THOSE SEPARATED FROM THE POOL BY A PERMANENT BARRIER THAT PREVENTS CONTACT BY A PERSON SHALL NOT BE REQUIRED TO BE BONDED
   - EXCEPTION NO 2: THOSE GREATER THAN 1.5 M (5 FT.) HORIZONTALLY FROM THE INSIDE WALLS OF THE POOL SHALL NOT BE REQUIRED TO BE BONDED
7. PERIMETER SURFACES. THE PERIMETER SURFACE SHALL EXTEND FOR 1 M (3 FT.) HORIZONTALLY BEYOND THE INSIDE WALLS OF THE POOL AND SHALL INCLUDE UNPAVED SURFACES AS WELL AS POURED CONCRETE SURFACES AND OTHER TYPES OF PAVING. PERIMETER SURFACES LESS THAN 1 M (3 FT.) SEPARATED BY A PERMANENT WALL OR BUILDING 1.5 M (5 FT.) IN HEIGHT OR MORE SHALL REQUIRE EQUIPOTENTIAL BONDING ON THE POOL SIDE OF THE PERMANENT WALL OR BUILDING. BONDING TO PERIMETER SURFACES SHALL BE PROVIDED AS SPECIFIED IN 680.26(B)(2)(A) OR (2)(B) AND SHALL BE ATTACHED TO THE POOL REINFORCING STEEL OR COPPER CONDUCTOR GRID AT A MINIMUM OF FOUR (4) POINTS UNIFORMLY SPACED AROUND THE PERIMETER OF THE POOL. FOR NONCONDUCTIVE POOL SHELLS, BONDING AT FOUR POINTS SHALL NOT BE REQUIRED
   a. STRUCTURAL REINFORCING STEEL. STRUCTURAL REINFORCING STEEL SHALL BE BONDED IN ACCORDANCE WITH 680.26(B)(1)(A).
   b. ALTERNATE MEANS. WHERE STRUCTURAL REINFORCING STEEL IS NOT AVAILABLE OR IS ENCAPSULATED IN A NONCONDUCTIVE COMPOUND, A COPPER CONDUCTOR(S) SHALL BE UTILIZED WHERE THE FOLLOWING REQUIREMENTS ARE MET:
   - AT LEAST ONE MINIMUM 8 AWG BARE SOLID COPPER CONDUCTOR SHALL BE PROVIDED
   - THE CONDUCTORS SHALL FOLLOW THE CONTOUR OF THE PERIMETER SURFACE
   - ONLY LISTED SPLICES SHALL BE PERMITTED
   - THE REQUIRED CONDUCTOR SHALL BE 450 TO 600 MM (18 IN. TO 24 IN.) FROM THE INSIDE WALLS OF THE POOL.
   - THE REQUIRED CONDUCTOR SHALL BE SECURED WITHIN OR UNDER THE PERIMETER SURFACE 100 TO 150 MM (4 IN. TO 6 IN.) BELOW THE SUBGRADE
   - METALLIC COMPONENTS. ALL METALLIC PARTS OF THE POOL STRUCTURE, INCLUDING REINFORCING METAL NOT ADDRESSED IN 680.26(B)(1)(A),SHALL BE BONDED. WHERE REINFORCING STEEL IS ENCAPSULATED WITH A NONCONDUCTIVE COMPOUND, THE REINFORCING STEEL SHALL NOT BE REQUIRED TO BE BONDED

A. (1) 1" DIA. SCH. 40 PRIMARY SUPPLY FROM BUILDING, EITHER:
   1. 12" FROM FACE OF EXTERIOR WALL UP THROUGH SIDEWALK TO 12" ABOVE GRADE; OR
   2. STUBBED OUT 12" FROM EXTERIOR WALL AT 12" A.F.F.
B. (2) 1" DIA. SCH. 40 PVC SUPPLY DOWN THROUGH SIDEWALK AND OUT TO WATER PLAY
C. (1) 3/4" DIA. PVC CONDUIT WITH SWEEP ELBOW DOWN THROUGH SIDEWALK AND OUT TO WATER PLAY

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ACADEMY OF EARLY EDUCATION

REVISION

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ISSUE

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01	02-28-25	FOR TLE REVIEW

TLFL24-305
PROJECT NUMBER
JY
DRAWN BY
BB
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PROFESSIONAL CERTIFICATION

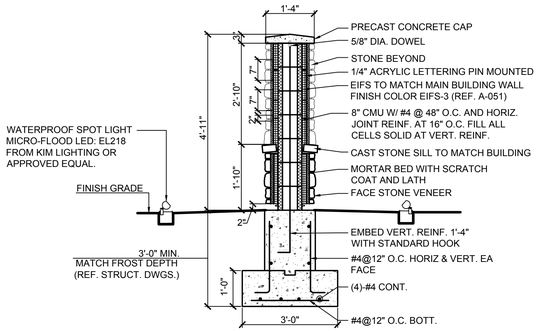
PLAYGROUND WATER FEATURE DETAILS

A-153

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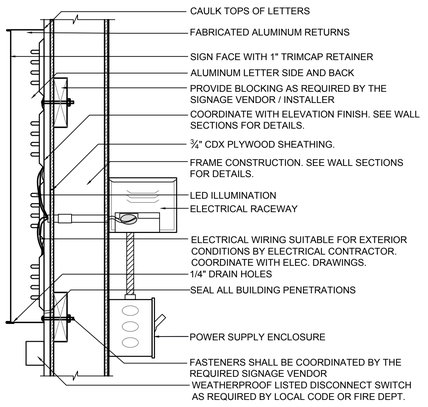
2024.V24.06 PROTOTYPE

H:\DRAWINGS\TLE- THE LEARNING EXPERIENCE\TLE- FLORIDA\TLEFL24-305 - TLE SANFORDFL 3284 WEST 1ST ST\CDS\47. TLEFL24-305-A-161.DWG JYOUNG PLOTTED: 02/28/2025



6 MONUMENT SIGNAGE SECTION

SCALE: 1/2"=1'-0"



BUILDING SIGN MOUNTING DETAIL

3

SCALE: 1 1/2"=1'-0"

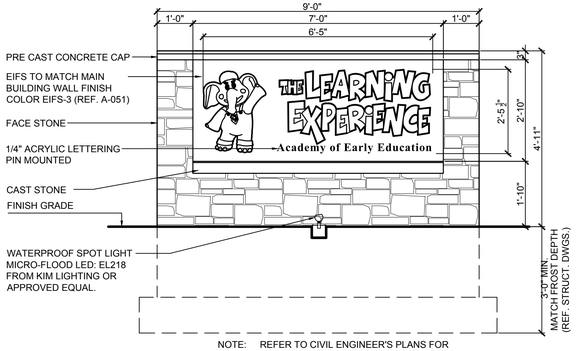
GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK AND SHALL REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
2. SIGNAGE CONTRACTOR TO SUPPLY & INSTALL, LIGHTED, 'THE LEARNING EXPERIENCE' SIGN AS INDICATED ON DRAWINGS. SIGN SHALL BE PAN CHANNEL LETTERING, RACEWAY MOUNTED WITH 120V INTERNAL FLUORESCENT LIGHTING. PROVIDE WHITE 3/16" ACRYLIC CAP WITH BLACK JEVELITE TRIM AND TRANSLUCENT VINYL FILM APPLIED AS PER SPECIFIED COLORS.
3. ANCHORAGE SHALL BE COMPLIANT WITH APPLICABLE BUILDING CODE PER THE DESIGN LOADS LISTED ON DRAWING S-100.

NOTE: SIGNAGE UNDER SEPARATE SIGN PERMIT APPLICATION.

ALL SIGNAGE TO BE PROVIDED AND INSTALLED BY THE REQUIRED VENDOR BELOW.
NO SUBSTITUTIONS ALLOWED.

IDENTITI RESOURCES, LTD.
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EMAIL: thelearningexperience@identiti.net



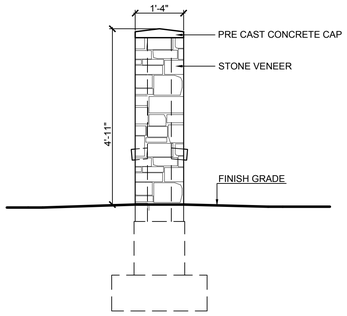
NOTE: REFER TO CIVIL ENGINEER'S PLANS FOR LOCATION OF MONUMENT SIGN ON SITE.

MONUMENT SIGN IS TO BE DOUBLE-SIDED.

BUILDING ADDRESS NUMBER SHALL BE PROVIDED WHEN REQUIRED BY AUTHORITY HAVING JURISDICTION.

4 MONUMENT SIGNAGE ELEVATION

SCALE: 1/2"=1'-0"



5 MONUMENT SIGNAGE ELEVATION

SCALE: 1/2"=1'-0"

NON-ILLUMINATED ACRYLIC LETTERING SECURE TO BUILDING AND/OR MAIN ENTRY CANOPY.

10"

Academy of Early Education

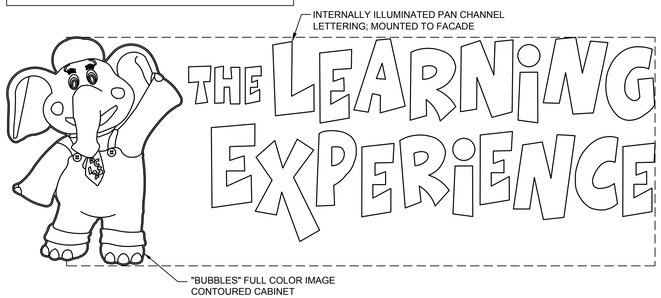
NOTE:
1. DEVELOPER, OWNER, GENERAL CONTRACTOR, AND SIGNAGE VENDOR TO CONFIRM MAXIMUM ALLOWABLE SIGNAGE AREA AS DICTATED BY LOCAL AUTHORITY HAVING JURISDICTION. SIGN SIZE SHALL BE MAXIMUM ALLOWED AND MUST RECEIVE FINAL THE LEARNING EXPERIENCE CORPORATE APPROVAL PRIOR TO ORDERING.

BUILDING AND/OR MAIN CANOPY MOUNTED SIGNAGE ELEVATION DETAIL

2

SCALE: 1/2"=1'-0"

NOTE:
1. LETTERS PROJECT 4" FROM FACE OF BUILDING.
2. DEVELOPER, OWNER, GENERAL CONTRACTOR, AND SIGNAGE VENDOR TO CONFIRM MAXIMUM ALLOWABLE SIGNAGE AREA AS DICTATED BY LOCAL AUTHORITY HAVING JURISDICTION. SIGN SIZE SHALL BE MAXIMUM ALLOWED AND MUST RECEIVE FINAL THE LEARNING EXPERIENCE CORPORATE APPROVAL PRIOR ORDERING.



BUILDING MOUNTED SIGNAGE ELEVATION DETAIL

1

SCALE: 1/2"=1'-0"

1. GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR SAFETY.

2. GENERAL CONTRACTOR MUST PROVIDE AND INSTALL ALL PRODUCTS PER PLANS. SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE INSTALLATION. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED AT THE EXPENSE OF THE GENERAL CONTRACTOR.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO DEVIATE FROM CONSTRUCTION PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT AND THE LEARNING EXPERIENCE FOR APPROVAL.

Jarmel Kizel
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