ISSUED FOR PERMIT
1/12/2024

ARCHITECTURE CIVIL ENGINEERING STRUCTURAL ENGINEERING MEP ENGINEERING LANDSCAPE ARCHITECTURE

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

1801 U.S. HIGHWAY ONE & 857 18TH PL, VERO BEACH, FL, 32960
PARCEL ID: 33390100076000100003.0

OWNER'S REPRESENTATIVE:

NAME: ROBERT GERARD
PHONE: (561) 373-3542
EMAIL: rgerard@sroa.com

GDC ARCHITECTS ENGINEERS

COA#30250, AA#26003565
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GENERAL PROJECT INFORMATION

SITE LOCATION / ADDRESS
1801 U.S. HIGHWAY ONE & 857 18TH PL, VERO BEACH, FL,32960

PARCEL ID: 33390100076000100003.0

OWNER: ROBERT GERARD
OWNER'S ADDRESS: 324 DATURA STREET, SUITE 338
WEST PALM BEACH FL 33401
OWNER'S CONTACT: (561) 373-3542
rgerard@sroa.com

JURISDICTION & CODES

JURISDICTION: VERO BEACH PLANNING
AND ZONING DEPARTMENT

PHONE: (772) 226-1260

BUILDING CODES IN EFFECT:
FLORIDA BUILDING CODE 8TH EDITION (2023) BUILDING
FLORIDA BUILDING CODE 8TH EDITION (2023) PLUMBING
FLORIDA BUILDING CODE 8TH EDITION (2023) MECHANICAL
FLORIDA BUILDING CODE 8TH EDITION (2023) ENERGY CONSERVATION
FLORIDA BUILDING CODE 8TH EDITION (2023) EXISTING
FLORIDA BUILDING CODE 8TH EDITION (2023) ACCESSIBILITY
2020 NATIONAL ELECTRIC CODE (NEC)
FLORIDA FIRE PREVENTION CODE 8TH EDITION (2023)
NFPA 101 - LIFE SAFETY CODE (2021)
NFPA 1 - FIRE CODE (2021)

FIRE: REVIEW AND APPROVAL BY THE AHJ SHALL NOT RELIEVE THE APPLICANT OF THE RESPONSIBILITY OF COMPLIANCE WITH THIS CODE PER NFPA-1: 1.14.1

SCOPE OF WORK

CONSTRUCT (1) NEW "S-1" OCCUPANCY, (3) STORY MINI STORAGE BUILDING ON AN EXISTING, PARTIALLY-DEVELOPED COMMERCIAL LOT IN INDIAN RIVER COUNTY, FL.

SCOPE TO INCLUDE:

-SITE PREPARATION AND CONSTRUCTION *(SEE CIVILS)*

-CONCRETE SLAB W/ MONO FOOTINGS AND COLUMN PADS

-ERECTION OF HSS COLUMNS *(REFER TO PEMB DOCUMENTS)*

-3 STORY CMU SHAFT(S)

-FIRST FLOOR CMU CONSTRUCTION AT EXTERIOR WALLS

-INSTALLATION OF STEEL STUDS, PLATES, BEAMS, JOISTS AND PURLINS *(REFER TO PEMB DOCUMENTS)*

-BUILDING SHELL, EXTERIOR METAL CLADDING, AND METAL FLASHING BY MTL. BLDG. MFR..*(REFER TO PEMB DRAWINGS)*

-INSTALLATION OF ROOF SYSTEM *(REFER TO PEMB DOCUMENTS)*

-INSTALLATION OF STAIRWAYS *(SHOP DRAWINGS TO BE PROVIDED)*

-INSTALLATION OF EQUIPMENT LIFT

-ERECTION OF INTERIOR METAL WALL / FIRE PARTITIONS AND ASSOCIATED INSULATION

-INSTALLATION OF INTERIOR WALL, FLOOR, AND CEILING FINISHES

-**ELECTRICAL:** NEW SERVICE

-**PLUMBING:** NEW FIXTURES AND PLUMBING LINES

-**MECHANICAL:** NEW CONDITIONED SPACE

-SEE SHEETS WITHIN THIS DOCUMENT FOR MORE SPECIFICITY TO THE SCOPE OF WORK.

SITE LOCATION DATA

DESCRIPTION

1801 VERO COMMERCIAL DEVELOPMENT SUBDIVISION PBI 32 - 80 LOT 1

LAND AREA: 90,005 (2.06 ACRES) **TAX DISTRICT:** 8A

S/T/R: 1-33-39 **DOR USE CODE:** VACANT COMMERCIAL (1000)

ZONING: C-1 HWY. ORIENTED COMM. **FLOOD ZONE:** X

LAND USE: MX: MIXED USE

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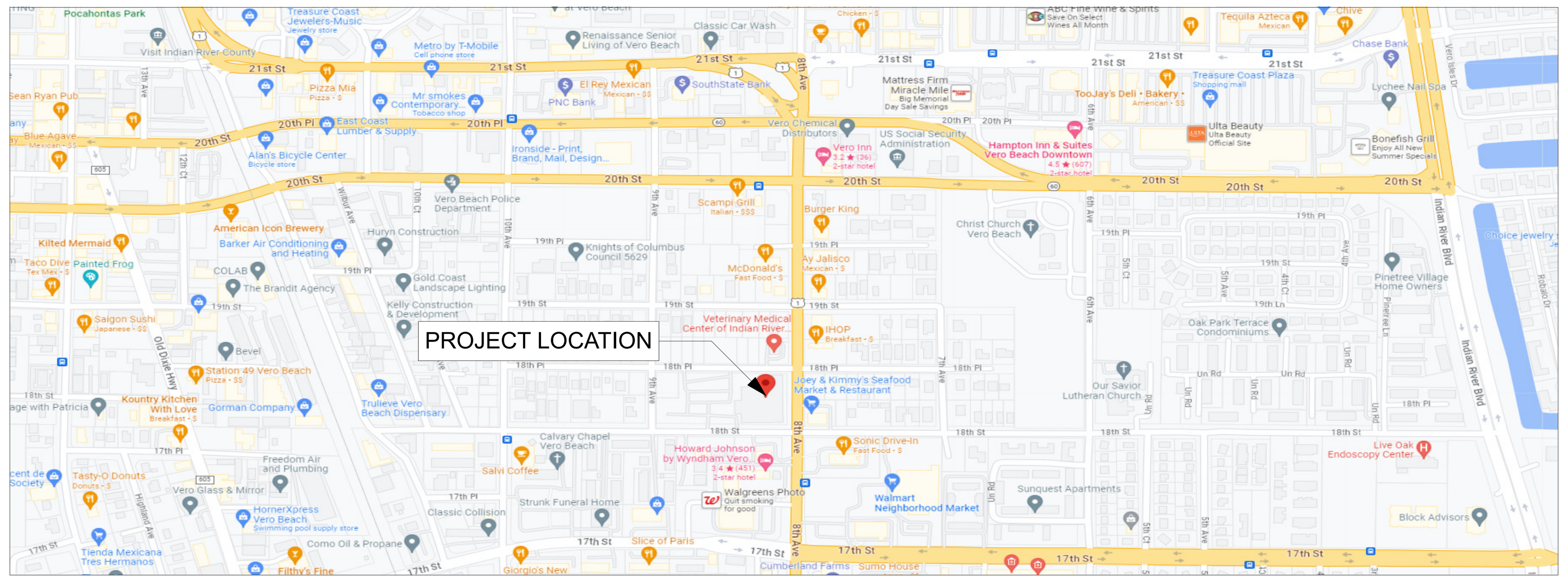


LOCATION MAP

NOT TO SCALE

SHEET INDEX

GENERAL

ID	NAME	#	REVISION DATE
G-001	GENERAL PROJECT DATA, NOTES AND SHEET INDEX		-
G-002	GENERAL NOTES		-

ARCHITECTURE

ID	NAME	#	REVISION DATE
A-001	NOTES, SYMBOLS		-
A-002	ARCHITECTURAL NOTES		-
A-003	ARCHITECTURAL NOTES		-
A-004	ARCHITECTURAL NOTES		-
A-005	ARCHITECTURAL NOTES		-
A-006	SCHEDULES, LEGENDS		-
A-006.1	JANUS SHOP DRAWINGS		-
A-006.2	JANUS SHOP DRAWINGS CONT.		-
A-006.3	SCHEDULES, LEGENDS CONT.		-
A-101	ARCHITECTURAL SITE PLAN		-
A-101.1	ENLARGED ARCHITECTURAL SITE PLAN		-
A-102	1ST FLR - PROPOSED FLOOR PLAN		-
A-103	2ND FLR - PROPOSED FLOOR PLAN		-
A-104	3RD FLR - PROPOSED FLOOR PLAN		-
A-105	1ST FLR - REFLECTED CEILING PLAN		-
A-106	2ND FLR - REFLECTED CEILING PLAN		-
A-107	3RD FLR - REFLECTED CEILING PLAN		-
A-108	ROOF OVERVIEW		-
A-201	ARCHITECTURAL EXTERIOR ELEVATIONS		-
A-202	ARCHITECTURAL EXTERIOR ELEVATIONS		-
A-301	ARCHITECTURAL SECTIONS 1		-
A-302	ARCHITECTURAL SECTIONS 2		-
A-401	ENLARGED OFFICE PLAN / OFFICE ELEVATIONS		-
A-402	ENLARGED RESTROOM PLANS / RESTROOM ELEVATIONS		-
A-403	ACCESSIBLE FIXTURE NOTES / A.D.A. DETAILS		-
A-501	ARCHITECTURAL ENLARGED STAIRWELL PLANS		-
A-502	ARCHITECTURAL ENLARGED ELEVATOR PLANS		-
A-503	ARCHITECTURAL ENLARGED VERTICAL EGRESS SECTIONS		-
A-504	ARCHITECTURAL DETAILS		-
A-505	ARCHITECTURAL DETAILS		-
A-506	ARCHITECTURAL DETAILS		-
A-507	ARCHITECTURAL DETAILS		-
A-508	TYPICAL WINDOW BUCK / FLASHING DETAILS		-
A-509	FLASHING & WATERPROOFING DETIALS		-
A-801	LIFE SAFETY NOTES		-
A-802	LIFE SAFETY NOTES (CONTINUED)		-
A-803	1ST FLR - LIFE SAFETY PLAN		-
A-804	2ND FLR - LIFE SAFETY PLAN		-
A-805	3RD FLR - LIFE SAFETY PLAN		-
A-901	FIRE PENETRATION NOTES		-

FURNITURE, FIXTURES, EQUIPMENT

ID	NAME	#	REVISION DATE
FFE-501	FURNITURE AND FIXTURE DETAILS 1		-
FFE-502	FURNITURE AND FIXTURE DETAILS 2		-
FFE-503	FURNITURE AND FIXTURE DETAILS 3		-
FFE-504	FURNITURE AND FIXTURE DETAILS 4		-
FFE-505	FURNITURE AND FIXTURE DETAILS 5		-
FFE-506	FURNITURE AND FIXTURE DETAILS 6		-

DESIGN DATA

LOAD SCHEDULE

	LIVE LOAD	DEAD LOAD	PARTITION	TOTAL
GROUND FLOOR	*125 PSF*	*60 PSF*	*N/A*	*185 PSF*
SECOND FLOOR	*125 PSF*	*60 PSF*	*N/A*	*185 PSF*
THIRD FLOOR	*125 PSF*	*60 PSF*	*N/A*	*185 PSF*
ROOF	*20 PSF*	*15 PSF*	*30 PSF*	*65 PSF*

WIND SPEED

ULTIMATE (V_{ULT}): 150 MPH

NOMINAL (V_{ASD}): 116 MPH

ADJUSTMENT FACTORS

HEIGHT & EXPOSURE: 1.12

IMPORTANCE FACTOR: 1.0

BUILDING SHELL

■ ENCLOSED
PARTIALLY ENCLOSED
OPEN

ROOF DATA

ROOF PITCH: ⅛:12

MEAN ROOF HEIGHT: = 42'-4"

PRESSURES

INTERNAL PRESSURE COEFFICIENT:
+/- 0.18

COMPONENTS AND CLADDING PRESSURES:
ROOF ZONES: 1. -26.6 PSF 2. -44.6 PSF 3. -67.2 PSF
WALL ZONES: *SEE ELEVATIONS*

BEARING PRESSURES:
MINIMUM SOIL BEARING PRESSURE: 2500 PSF
TESTED SOIL BEARING PRESSURE: 2500 PSF

RISK CATEGORY *CH. 1604*

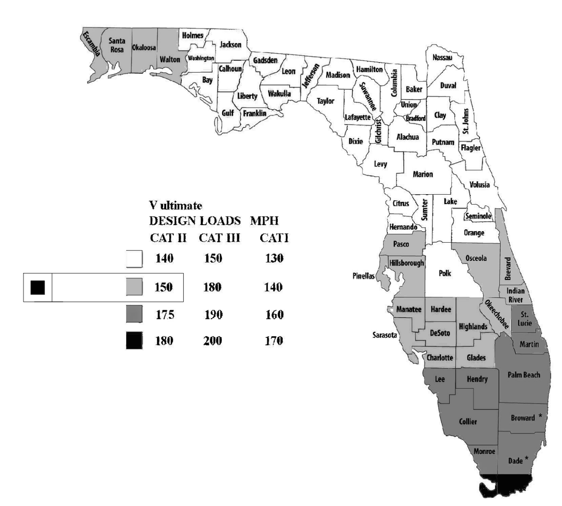
	I	LOW HAZARD(AGRICULTURAL, TEMPORARY, MINOR STORAGE)
■	II	BUILDINGS NOT I, III, OR IV
	III	SUBSTANTIAL HAZARD (ASSEMBLY +300, SCHOOLS +250, I2 +250, I3, ANY OCCUPANCY WITH +5000, PUBLIC UTILITIES NOT IN CAT IV, BUILDINGS CONTAINING TOXIC SUBSTANCES.
	IV	I2 W/ SURGERY & TREATMENT, PUBLIC SERVICES & UTILITIES, SHELTERS, HIGHLY TOXIC MATERIALS, AVIATION CONTROL TOWERS, NATL. DEF. BUILDINGS, WATER STORAGE AND PUMP STATIONS.

EXPOSURE CATEGORY *1609.4.3*

■	B	MEAN ROOF > 30 FT W/ SURFACE ROUGHNESS "B" UPWIND 1500 FT MEAN ROOF < 30 FT W/ SURFACE ROUGHNESS "B" UPWIND 2600 FT
	C	WHERE EXPOSURES "B" & "D" DO NOT APPLY
	D	WHERE SURFACE ROUGHNESS "D" EXTENDS 5000 FT UPWIND INLAND FROM THE SHORELINE 600 FT OR (20 x BUILDING HEIGHT)

SURFACE ROUGHNESS *1609.2*

■	B	URBAN, SUBURBAN, WOODED W/ NUMEROUS OBSTRUCTIONS
	C	OPEN TERRAIN W/ SCATTERED OBSTRUCTIONS LESS THAN 30FT 100 FT HORIZONTALLY FROM AN AREA *("C" OR "D")* 100' W x 600' D UPWIND
	D	FLAT UNOBSTRUCTED AREAS & WATER SURFACES



CONSTRUCTION TYPE

	TYPE I:	BUILDING ELEMENTS ARE NON-COMBUSTIBLE
■	TYPE II:	EXTERIOR WALLS NON-COMBUSTIBLE | INTERIOR - AS PERMITTED
	TYPE III:	EXTERIOR WALLS NON-COMBUSTIBLE | INTERIOR - ANY
	TYPE IV:	HEAVY TIMBER
	TYPE V:	EXTERIOR & INTERIOR ANY MATERIAL PERMITTED BY CODE

A - PROTECTED ■ B - UNPROTECTED ■ SPRINKLERED UNSPRINKLERED

BUILDING CLASSIFICATION

A1 - FIXED SEATING	I1 - INSTITUTIONAL HOUSING 16+
A2 - FOOD AND/OR DRINKS	I2 - INSTITUTIONAL MEDICAL CARE
A3 - WORSHIP/RECREATION	I3 - INSTITUTIONAL JAILS
A4 - INDOOR SPORTS	M - MERCANTILE
A5 - STADIUMS BLEACHERS	R1 - RESIDENTIAL (TRANSIENT)
B - BUSINESS	R2 - RESIDENTIAL (2+ DWELLINGS)
E - EDUCATIONAL	R3 - RESIDENTIAL (SINGLE FAMILY)
F1 - FACTORY (MODERATE HAZARD)	R4 - RESIDENTIAL CARE (>16 PERSONS)
F2 - FACTORY (LOW HAZARD)	■ S1 - STORAGE (MODERATE HAZARD)
F3 - FACTORY (SPECIAL PURPOSE)	S2 - STORAGE (LOW HAZARD)
H - HIGH HAZARD	U - UTILITY/ MISCELLANEOUS

■ *NEW STRUCTURE/ OCCUPANCY* *EXISTING STRUCTURE/OCCUPANCY*

**STRUCTURE IS ORDINARY HAZARD PER NFPA-101 2018 CH. 6.2.2*

OCCUPANCY CALCULATION *FBC 1004.1.1 LS 7.3.1.2*

FIRST FLOOR AREA: 24,428 FT^2 *(HABITABLE SPACE = 4,212 FT^2 PER NFPA 101 - 42.1.7*)*
SECOND FLOOR AREA: 24,050 FT^2 *(HABITABLE SPACE = 5,270 FT^2 PER NFPA 101 - 42.1.7*)*
THIRD FLOOR AREA: 23,648 FT^2 *(HABITABLE SPACE = 6,075 FT^2 PER NFPA 101 - 42.1.7*)*

TOTAL BUILDING AREA: 72,126 FT^2

FIRST FLOOR OCCUPANY CALCS

FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
BUSINESS	150 GROSS	*658 FT^2 = 5 PERSONS*
WAREHOUSES	500 GROSS	*4,212 FT^2 = 9 PERSONS*

SECOND FLOOR OCCUPANY CALCS

FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
WAREHOUSES	500 GROSS	*5,270 FT^2 = 11 PERSONS*

THIRD FLOOR OCCUPANY CALCS

FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
WAREHOUSES	500 GROSS	*6,075 FT^2 = 13 PERSONS*

OFFICE ACCESSORY SPACE CALCS:..........658 FT^2 < (10%) 24,428 FT^2 = 2,443 FT^2
TOTAL OCCUPANTS..........**38 PERSONS**

NFPA 101 - 42.1.7* OCCUPANT LOAD
THE OCCUPANT LOAD, IN NUMBER OF PERSONS FOR WHOM MEANS OF EGRESS AND OTHER PROVISIONS ARE REQUIRED, SHALL BE DETERMINED ON THE BASIS OF THE MAXIMUM PROBABLE POPULATION OF THE SPACE UNDER CONSIDERATION.

A.42.1.7
THERE IS NO OCCUPANT LOAD FACTOR SPECIFIED FOR STORAGE OCCUPANCIES. RATHER, THE PROBABLE MAXIMUM NUMBER OF PERSONS PRESENT NEEDS TO BE CONSIDERED IN DETERMINING THE OCCUPANT LOAD.

**SPECIFICALLY, THIS PROJECT HAS ONLY TAKEN THE "COORIDOR" SPACES INTO CONSIDERATION AS HABITABLE SPACE AS THE INDIVIUAL UNITS WILL BE LOCKED, AND THE DOOR(S) TO ACCESS THEM ARE NOT CLASSIFIED AS EGRESS DOORS.*

FIXTURE CALCULATIONS

TOILET CALCULATIONS ARE BASED ON THE FLOOR AREA OF THIS PROJECT. PER FPC: 403.1 THE OCCUPANT LOAD SHALL BE COMPOSED 50 PERCENT OF EACH SEX.

STORAGE AND ACCESSORY BUSINESS OCCUPANCY

CLASSIFACTION: S-1 (STORAGE)
TOTAL OCCUPANTS: 38 *PERSONS*
OCCUPANTS: 19 *MALE* | 19 *FEMALE*

	REQUIRED PER F.B.C. | REQUIREMENT	PROVIDED UNISEX
LAVATORIES:	1 PER 100 | .38/2 = .19 *(PER SEX)*	2
WATER CLOSETS:	1 PER 100 | .38/2 = .19 *(PER SEX)*	2
URNINALS:	NOT REQUIRED	0
DRINKING FOUNTAINS:	1 PER 1,000 | .038	1 HI/LO
HAND WASH:	N/A	N/A
SERVICE SINK:	REQUIRED | 1	1 PROVIDED

NOTES :
E.FOR BUSINESS AND MERCANTILE OCCUPANCIES WITH AN OCCUPANT LOAD OF 15 OR FEWER, SERVICE SINKS SHALL NOT BE REQUIRED.

403.2 SEPARATE FACILITIES. WHERE PLUMBING FIXTURES ARE REQUIRED, SEPARATE FACILITIES SHALL BE PROVIDED FOR EACH SEX.

EXCEPTIONS:
2. SEPARATE FACILITIES SHALL NOT BE REQUIRED IN STRUCTURES OR TENANT SPACES WITH A TOTAL OCCUPANCY LOAD INCLUDING BOTH EMPLOYEES AND CUSTOMERS, OF 15 OR FEWER.

DRINKING FOUNTAINS
410.2 SMALL OCCUPANCIES. DRINKING FOUNTAINS SHALL NOT BE REQUIRED FOR AN OCCUPANT LOAD OF 15 OR FEWER.

MIXED USE OCCUPANCIES

■ **ACCESSORY OCCUPANCIES:**
AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10 PERCENT OF THE FLOOR AREA OF THE STORY

NON-SEPARATED OCCUPANCIES:
NON-SEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED TO ITS USE, THE REQUIREMENTS OF THE CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO NON-SEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NONSEPARATED OCCUPANCY AREA. 508.3.3 NO SEPARATION IS REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES.

SEPARATED OCCUAPNCIES:
SEPARATED OCCUAPNCIES SHALL BE INDIVIDUALLY CLASSIFIED. EACH SEPARATED SPACE SHALL COMPLY WITH THIS CODE BASED ON THE OCCUPANCY CLASSIFICATION. INDIVIDUAL OCCUPANCIES SHALL BE SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH TABLE 508.4.

FIRE RATING REQUIREMENTS *FBC 601, FBC 803.11, L.S. 10.2.2*

BEARING WALLS: EXTERIOR = 0
INTERIOR = 0

NON-BEARING WALLS: EXTERIOR = 0
INTERIOR = 0

FLOOR CONSTRUCTION: RATING = 0

ROOF CONSTRUCTION: RATING = 0

FINISHES

EXITS: A or B; I OR II *(LS 10.2.2)*
EXIT ACCESS CORRIDOORS: A or B *(LS 10.2.2)*
OTHER SPACES: A, B or C *(LS 10.2.2)*
EXIT ENCLOSURE: A *(FBC 803.11)*
CORRIDORS: B *(FBC 803.11)*
ROOMS & ENCLOSED SPACES: C *(FBC 803.11)*

**ANY PLYWOOD SHEATHING OR WOOD BUCKS USED SHALL BE MIN 1/2" FIRE-RETARDENT TREATED (FRT) WOOD PER FBC 603.1.1 [1.1.2] & [1.1.3]*

FBC TABLE 508.4 - REQUIRED SEPARATION OF OCCUPANCIES *(HOURS)*

OCCPANCY	*B, F-1, M, S-1*	
	SPRINKLERED	*NON-SPRINKLERED*
B, F-1, M, S-1	*NO REQUIREMENT*	*NO REQUIREMENT*

FBC TABLE 705.5 - FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

FIRE SEPARATION DISTANCE	TYPE OF CONSTRUCTION	OCCUPANCY GROUP F-1, M, & S-1	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, & U
$X < 5'$	ALL	2	1
$5' \le X < 10'$	II-A	1	1
$10' \le X < 30'$	II-B	0	0
$X \ge 30'$	ALL	0	0

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PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
01/19/2024
REGISTERED ARCHITECT

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	G-001

GENERAL PROJECT DATA, NOTES AND SHEET INDEX

GENERAL NOTES

1. DRAWINGS ARE NOT TO BE SCALED. ON SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, AND ALL NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS & ADVISE ENGINEER OF ANY DISCREPANCIES, CONSTRUCTION SHALL NOT PROCEED UNTIL SAID DISCREPANCIES HAVE BEEN RESOLVED AND APPROVED BY ENGINEER.
3. NO MATERIALS OR SYSTEMS ARE TO BE FABRICATED UNTIL: A. ALL DIMENSIONS HAVE BEEN VERIFIED BY THE CONTRACTOR. B. SHOP DRAWINGS HAVE BEEN REVIEWED AND ACCEPTED BY THE ENGINEER. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS OF CONSTRUCTION. ALL SHOP DRAWINGS DIMS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY CONTRACTOR BEFORE SUBMITTAL. INCOMPLETE SHOP DRAWINGS OR LACKING SUFFICIENT INFORMATION WILL BE RETURNED WITHOUT REVIEW. ALL SHOP DRAWINGS REQUIRE APPROVAL IN THE CITY. CONTRACTOR TO SUBMIT A MINIMUM OF FIVE (5) SETS OF COMPLETE SHOP DRAWINGS OR AS SUBMITTALS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS OF CONSTRUCTION. ALL SHOP DRAWING DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY THE CONTRACTOR BEFORE SUBMITTAL, AND SO NOTED. RE-REVIEW BY ARCHITECT OR ENGINEER REQUIRED BY SUBMITTAL NOT EVALUATED AND APPROVED BY CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR ON HOURLY RATES ESTABLISHED IN ARCHITECTS CONTRACT FOR SERVICES FOR THIS PROJECT.
4. PLANS AS DESIGNED ARE THE SOLE PROPERTY OF GDC ARCHITECTS - ENGINEERSAND MAY NOT BE USED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF GDC ARCHITECTS - ENGINEERS OR IT'S DULY AUTHORIZED REPRESENTATIVES. PLANS MAY BE PURCHASED SEPARATELY BY CONTACTING GDC ARCHITECTS - ENGINEERS @ (863) 467-1111.
5. THE ENGINEER WILL NOT BE RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OR CHARGE OF CONSTRUCTION METHODS, TECHNIQUES, PROGRAM, SEQUENCES OR PROCEDURES OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. HE OR SHE WILL NOT BE RESPONSIBLE FOR THE CONTRACTORS FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE ENGINEER SHALL NOT HAVE CONTROL, CHARGE OR BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUB-CONTRACTORS, OR ANY OF THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSON PERFORMING ANY OF THE WORK ON THE JOBSITE.
6. THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, CURTAIN WALLS, WINDOWS, PRECAST CLADDING, COLD-FORMED METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DOCUMENTS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY OTHERS AS REQUIRED IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
7. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL BUILDING CODES. PERMIT SHALL BE POSTED ON A VISIBLE PLACE AT ALL TIMES.
8. ALL WORK, MATERIALS AND EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
9. ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS AS PER F.B.C.
10. ALL MATERIALS USED SHALL BE NEW DELIVERED TO THE JOB IN ORIGINAL SEALED CONTAINERS BEARING ORIGINAL MANUFACTURERS LABELS.
11. BEFORE COMMENCING WITH THE WORK, THE CONTRACTOR SHALL FILE WITH THE OWNER CURRENT INSURANCE CERTIFICATIONS IN THE AMOUNTS REQUESTED BY THE OWNER FOR WORKMAN COMPENSATION, COMPREHENSIVE GENERAL LIABILITY, BODILY INJURY AND PROPERTY DAMAGE. IT IS THE INTENTION OF THE PARTIES THAT CONTRACTOR SHALL IDENTIFY THE OWNER AND ARCHITECT FOR ANY AND ALL COSTS, CLAIMS, SUITES, AND JUDGMENTS FOR PROPERTY DAMAGE AND PERSONAL INJURY, ARISING OUT OF THE WORK CONTRACTOR.
12. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES: STRUCTURAL, PLUMBING, FIRE PROTECTION, ELECTRICAL & AIR CONDITIONING AT THE TIME THE WORK IS PERFORMED ON THIS STRUCTURE.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND FAMILIARIZING HIMSELF WITH ALL EXISTING CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT LIMITED TO PRIVATE AND PUBLIC UTILITIES, ON AND OFF SITE, ACCESS ROADS, AND OTHER SUPPORT FACILITIES.
14. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY OF DETERMINING THE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, TEMPORARY BRACING, GUYS, FALSE WORK OR CRIBBING THAT MAY BE NECESSARY TO STABILIZE THE STRUCTURE DURING ERECTION, UNDER ALL LOADING CONDITIONS. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
15. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS FOR INSERTS, SLEEVES, CURBS, PADS, ETC, THAT AFFECT STRUCTURAL WORK.
16. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES SHOWN IN THE CIVIL SHEETS PRIOR TO THE EXCAVATION FOR THE BUILDING FOUNDATIONS. THE STRUCTURAL ENGINEER SHALL BE NOTIFIED OF POTENTIAL CONFLICTS BETWEEN THE FOUNDATIONS AND ANY BURIED UTILITY PIPES.
17. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIALS, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER WHERE CONDITIONS MAY VARY FROM WHAT ARE SHOWN ON THE DRAWINGS.
18. WHERE A DETAIL IS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS, IT SHALL APPLY TO ALL SAME OR SIMILAR CONDITIONS ON THE PROJECT.
19. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER FOR CLARIFICATION PRIOR TO BIDDING OF ANY DISCREPANCIES BETWEEN, BUT NOT LIMITED TO THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. ANY DISCREPANCIES AFTER BIDDING SHALL BE INTERPRETED AS IF IT WAS BID BASED ON THE MOST EXPENSIVE METHOD OR FINISH.
20. CONTRACTOR TO OBTAIN WRITTEN APPROVAL FROM OWNER AND ARCHITECT/ENGINEER PRIOR TO ANY CHANGES OR DEVIATION FROM CONTRACT DOCUMENTS.
21. SUBSTANTIAL COMPLETION SHALL BE ATTAINED WHEN ALL PHASES OF THE WORK ARE COMPLETED EXCLUDING ALL FINAL PUNCH LISTS ITEMS, REGARDLESS OF OWNERS USAGE OR OCCUPANCY OF THE IMPROVEMENT.
22. UNDER NO CIRCUMSTANCES WILL ASSUMPTIONS BY THE CONTRACTOR BE CONSIDERED THE DESIGN INTENT OR APPROVAL OF THE ARCHITECT OR ENGINEER UNLESS THERE IS WRITTEN APPROVAL BY THEM.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR THE REPLACEMENT OF ANY EQUIPMENT DAMAGED DURING CONSTRUCTION OR CLEAN-UP. CONSTRUCTION PERSONNEL SHALL BE CONFINED TO THE LIMITS OF THE CONSTRUCTION AREA. ALL OSHA REGULATIONS FOR CONSTRUCTION AREAS SHALL BE STRICTLY FOLLOWED.
24. ALL DIMENSIONS ARE BASED ON NOMINAL SIZES OF MEMBERS AND ARE GIVEN TO THE OUTER FACE OF SUCH MEMBERS, NOT TO FACE OF FINISH MATERIAL UNLESS OTHERWISE NOTED ON DRAWINGS.
25. THE CONTRACTOR SHALL BE AWARE THAT SPECIFIC FIRE RATED SEPARATION WITHIN THE BUILDING'S CONSTRUCTION ARE REQUIRED BY CODE. THE USE OF SPECIFIC MATERIALS AND COMBINATIONS OF WITHIN FIRE RATED ASSEMBLIES AS CALLED FOR ON THE DRAWINGS AND SPECIFICATIONS ARE FOR THE PURPOSE OF ACHIEVING THOSE REQUIRED FIRE SEPARATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT CHANGE IN MATERIAL THAT ARE REQUESTED BY OR MADE BY THE CONTRACTOR AND/OR IT'S SUB-CONTRACTORS, FROM THOSE MATERIALS DRAWN OR SPECIFIED, DOES NOT IN ANY WAY AFFECTED OR LESSEN THE REQUIRED FIRE RATED CONSTRUCTION OR ASSEMBLY.
26. UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR, SHALL GIVE THE OWNER AND ARCHITECT A COMPLETE SET OF AS-BUILT ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS ALONG WITH THE WRITTEN GUARANTIES, OPERATION AND MAINTENANCE MANUALS OF ALL EQUIPMENT AND FINISHES INSTALLED. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF AS-BUILT DRAWINGS. INFORMATION SHALL BE RECORDED BY CONTRACTOR AS CONSTRUCTION PROGRESSES.
27. OPENING WORK AS MAY BE NECESSARY FOR PROPER INSTALLATION OF HIS OWN OR OTHER CONTRACTOR WORK CONSULTING WITH OTHER CONTRACTORS CONCERNED REGARDING PROPER LOCATION AND SIZE OF SAME. IN CASE OF HIS FAILURE TO LEAVE OR CUT SAME IN THE PROPER PLACE, HE SHALL CUT THEM AFTERWARDS AT HIS OWN EXPENSE. NO EXCESSIVE CUTTING WILL BE PERMITTED NOR SHALL ANY STRUCTURAL MEMBERS WILL BE CUT WITHOUT THE CONSENT OF THE ARCHITECT. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE COORDINATION OF ALL WORK OF TRADES PLUS THE COORDINATION, REPAIR AND PREPARATION FOR THE WORK OF ANY OTHER TRADES THAT WILL BE SUBSEQUENTLY LET UNDER SEPARATE CONTRACT BY THE OWNER.
28. CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE LOCATION OF ALL ACCESS PANELS SO AS TO ALLOW FOR PROPER EQUIPMENT ACCESSIBILITY, MAINTENANCE AND/OR OPERATION OF THE BUILDING SYSTEMS PRIOR TO THE START OF WORK. THE OMISSION OF ANY OR ALL ACCESS PANELS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FROM PROVIDING AND INSTALLING SUCH PANELS OR DOORS.
29. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS AND CONSTRUCTION MATERIAL FROM THE SITE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPERLY CLEANING ALL AREAS PRIOR TO FINAL ACCEPTANCE BY THE OWNER INCLUDING BUT NOT LIMITED TO WINDOWS, STOREFRONT, FLOORS CARPETS, WALLS, DOORS, EQUIPMENT, ETC.
30. THE CONTRACTOR SHALL GUARANTEE IN WRITING FORM AS ACCEPTABLE TO THE OWNER ALL LABOR AND MATERIALS INSTALLED BY HIM FOR A PERIOD OF NOT LESS THAN (1) ONE YEAR AFTER DATE OF ACCEPTANCE OF WORK BY THE OWNER EXCEPT AS MODIFIED HEREIN OR ON OTHER DRAWINGS, SHOULD DEFECTS OCCUR ALL WORK SHALL BE REPLACED OR PROPERLY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
31. ALL WORK COMPLETED OR OTHERWISE, SHALL BE PROPERLY PROTECTED AT ALL TIMES. CONTRACTOR SHALL FOLLOW ALL ACCEPTED METHODS OF SAFETY PRACTICE AND PROVIDE ALL FENCES, BARRICADES, ETC. AS MAYBE NEEDED TO PROTECT LIFE AND PROPERTY AND AS MAY BE REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER THIS WORK. HE SHALL REPAIR AT HIS OWN COST ANY DAMAGES TO THE PREMISES OR ADJACENT WORK CAUSED BY HIS OPERATION.

ABBREVIATIONS

ABV.	---	ABOVE
A.C.	---	AIR CONDITIONING
ACOUS.	---	ACOUSTICAL
A.C.T.	---	ACOUSTICAL CEILING TILE
ADMIN.	---	ADMINISTRATION
A.DRAIN	---	AREA DRAIN
ADJ.	---	ADJACENT
A.F.F	---	ABOVE FINISH FLOOR
AFP	---	ACOUSTICAL FINISH PLASTER
A.H.U.	---	AIR HANDLING UNIT
ALUM.	---	ALUMINUM
ANOD.	---	ANODIZED
ARCH.	---	ARCHITECTURAL
A.S.B.	---	ASBESTOS
ASPH.	---	ASPHALT
ASST.	---	ASSISTANT
BATT	---	BATT INSULATION
BB.	---	BACKER BOARD
BD.	---	BOARD
BLDG.	---	BUILDING
BLK.	---	BLOCK / BLOCKING
BM.	---	BEAM
BOTT.	---	BOTTOM
CAB.	---	CABINET
CB	---	CATCH BASIN
CEM.	---	CEMENT
C.PLAS.	---	CEMENT PLASTER
C.G.	---	CORNER GUARD
C.HGT.	---	CEILING HEIGHT
C.JNT.	---	CONTROL JOINT
CLR.	---	CLEAR (FINISH TO FINISH)
COMP.	---	COMPUTER
CPT.	---	CARPET
CT.	---	CERAMIC TILE
CLG.	---	CEILING
CLO.	---	CLOSET
C.O.	---	CLEAN OUT
CONC.	---	CONCRETE
CONT.	---	CONTINUOUS
C.M.U.	---	CONCRETE MASONRY UNIT
DETL.	---	DETAIL
DIA.	---	DIAMETER
DIR.	---	DIRECTOR
DN	---	DOWN
D.O.	---	DOOR OPENING
DR.	---	DOOR
DWR.	---	DRAWER
DWG.	---	DRAWING
EA.	---	EACH
ELEC.	---	ELECTRONICAL
ELEV.	---	ELEVATION
EL	---	ELEVATOR
E.N.C.	---	EXISTING, NO CHANGE
E.O.S.	---	EDGE OF SLAB
EQ.	---	EQUAL
EQUIP.	---	EQUIPMENT
E.W.C.	---	ELECTRIC WATER COOLER
EXH.	---	EXHAUST
EXIST.	---	EXISTING
EXT.	---	EXTERIOR
EXP.JT.	---	EXPANSION JOINT
FBC 2017	---	FLORIDA BUILDING CODE (2017)
F.D.	---	FIRE DAMPER
F.F.E.	---	FINISH FLOOR ELEVATION
F.F.E.	---	FIXTURES, FURNITURES AND EQUIPMENT
F.F.P.C.	---	FLORIDA FIRE PROTECTION CODE
FIXT.	---	FIXTURE
FLASH.	---	FLASHING
FL.D.	---	FLOOR DRAIN
F.O.F.	---	FACE OF FINISH
F.R.	---	FIRE RATED
GA.	---	GAUGE
GALV.	---	GALVANIZED
GEN.	---	GENERATOR
GL	---	GLASS
G.W.B.	---	GYPSUM WALL BOARD
HIC	---	HANDICAP
HC	---	HOLLOW CORE
HDWD.	---	HARD WOOD
HM	---	HOLLOW METAL
HORIZ.	---	HORIZONTAL
HGT.	---	HEIGHT
H.P.	---	HIGH POINT
I.DIA.	---	INSIDE DIAMETER
INSUL.	---	INSULATION
INT.	---	INTERIOR
INV.	---	INVERT

JT.	---	JOINT
KIT	---	KITCHEN
LAV.	---	LAVATORY
L.F.	---	LINEAR FEET
L.P.	---	LOW POINT
MAX.	---	MAXIMUM
MECH.	---	MECHANICAL
MFR.	---	MANUFACTURER
MGR.	---	MANAGER
MH	---	MANHOLE
MIN.	---	MINIMUM
MISC.	---	MISCELLANEOUS
M.O.	---	MASONRY OPENING
MTL.	---	METAL
NA	---	NOT APPLICABLE
NC	---	NON-COMBUSTIBLE
N.I.C.	---	NOT IN CONTRACT
No. / NUM	---	NUMBER
NOM.	---	NOMINAL
N.T.S.	---	NOT TO SCALE
O.C.	---	ON CENTER
O.D.	---	OUTSIDE DIAMETER
O.F.I.C.	---	OWNER FURNISHED, CONTRACTOR INSTALLED
O.H.	---	OVERHANG
OFF.	---	OFFICE
O.S.H.A	---	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS
OPNG.	---	OPENING
P.L.	---	PROPERTY LINE
P.LAM.	---	PLASTIC LAMINATE
PLAS.	---	PLASTER
PLUM.	---	PLUMBING
PLYWD.	---	PLYWOOD
P.O.B.	---	POINT OF BEGINNING
PR.	---	PAIR
PTD.	---	PAINTED
RISE	---	RISER
RAD.	---	RADIUS
R.D.	---	ROOF DRAIN
REF.	---	REFERENCE
REFL.	---	REFLECTED
REINF.	---	REINFORCED
REQ.	---	REQUIRED
RM.	---	ROOM
R.O.	---	ROUGH OPENING
RT	---	RESILIENT TILE
SC	---	SOLID CORE
SCHD.	---	SCHEDULE
SERV.	---	SERVICE
SHR.	---	SHOWER
SHT.	---	SHEET
SIM.	---	SIMILAR
SPECS.	---	SPECIFICATIONS
SQ.	---	SQUARE
SL.	---	SLOPE
SLD.	---	SLIDING
SREF	---	STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (2014 ED.)
S.S.	---	SERVICE SINK
S.STL.	---	STAINLESS STEEL
STL	---	STEEL
STOR.	---	STORAGE
STRUCT.	---	STRUCTURAL
SUSP.	---	SUSPENDED
SYM.	---	SYMMETRICAL
T	---	TREAD
TEL.	---	TELEPHONE
TEMP.	---	TEMPERED
THK.	---	THICKNESS
T.O.	---	TOP OF
TYP.	---	TYPICAL
UA	---	UNLIMITED AREA
U.C.	---	UNDER COUNTER
U.L.	---	UNDERWRITERS LABORATORY
U.N.O.	---	UNLESS OTHERWISE NOTED
VERT.	---	VERTICAL
VEST.	---	VESTIBULE
V.I.F.	---	VERIFY IN FIELD
VWC	---	VINYL WALL COVERING
VT	---	VINYL TILE
W/	---	WITH
W.C.	---	WATER CLOSET
WD	---	WOOD
W/O	---	WITHOUT
WP.	---	WATERPROOF
WT.	---	WEIGHT

DIRECTORY

OWNER

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MILLS, SHORT, & ASSOCIATES

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RAPID BUILDING SOLUTIONS

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FIRE SPRINKLER

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EMAIL: info@lifesafety.net

FRONT PERSPECTIVE

NOT TO SCALE

REAR PERSPECTIVE

NOT TO SCALE

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NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA ROBERT S. LEWIS AR91402 1/19/2024 REGISTERED ARCHITECT

ROBERT S. LEWIS
AR91402/ AA #26003565
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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
G-002

GENERAL NOTES

ARCHITECTURAL NOTES

1. THE GENERAL CONDITIONS OF THE CONTRACT FOR THE CONSTRUCTION OF BUILDING OF THE AMERICAN INSTITUTE OF ARCHITECTS, DOCUMENT A-201, LATEST ADDITION HEREBY MADE PART OF CONTRACT DOCUMENTS. THESE GENERAL NOTES, SPECIFICATIONS AND CONTRACT BETWEEN THE OWNER AND CONTRACTOR SHALL TAKE PRECEDENCE OVER THE 'GENERAL CONDITIONS' IN THE EVENT OF A CONFLICT.

2. SCHEDULE OF VALUES: CONTRACTOR SHALL SUBMIT A DETAILED COST BREAKDOWN 'SCHEDULE OF VALUES' IN THE OF AIA G702 PRIOR TO THE FIRST PAYMENT. THIS SCHEDULE OF VALUES SHALL CLOSELY FOLLOW THE STANDARD CSI FORMAT, AND SHALL BREAKDOWN UNITS OF WORK IN SUFFICIENT DETAIL TO ALLOW ARCHITECT TO EVALUATE THE WORK COMPLETED. THE BREAKDOWN SHALL BE A TRUE REFLECTION OF THE COST OF WORK AND SHALL NOT BE "FRONT-END" LOADED. THE SCHEDULE OF VALUES SHALL BE 5% AND SHALL BE HELD UNTIL SUBSTANTIAL COMPLETION OF WORK.

3. ALL CONDITIONS AND APPLICABLE REQUIREMENTS OF THE CONTRACT BETWEEN THE CONTRACTOR AND OWNER SHALL GOVERN ALL SECTIONS OF THE SPECIFICATIONS OF CODES AND MANUFACTURER WHICHEVER IS MORE RESTRICTIVE.

4. CONTRACTOR TO REMOVE, RELOCATE OR RE-ROUTE AS NECESSARY ELECTRICAL, WATER, GAS OR ANY OTHER UTILITY LINES ENCOUNTERED DURING CONSTRUCTION.

5. ALL PERMITS, INSPECTIONS, APPROVALS, ETC. SHALL BE APPLIED FOR AND PAID FOR (AS PART OF BID PRICE) BY THE CONTRACTOR IN ALL FIELDS OF THE WORKS, AND HE SHALL BE RESPONSIBLE FOR THE COORDINATE OF INSPECTION AND APPROVAL OF THE WORK. PRIME BUILDING PERMITS SHALL NOT BE OBTAINED BY THE CONTRACTOR.

6. SUBMIT A COPY OF THE CONTRACT DOCUMENTS ISSUED FOR PERMIT BY THE BUILDING DEPARTMENT, TO THE ENGINEER/ARCHITECT TO ALLOW HIM/HER TO INCORPORATE ANY BUILDING DEPARTMENT MODIFICATIONS INTO THE PLANS PRIOR TO THE START OF CONSTRUCTION.

7. CONTRACTOR MUST NOTIFY ENGINEER/ARCHITECT IMMEDIATELY OF ANY UNEXPECTED OR UNKNOWN CONDITIONS, DISCREPANCIES IN THE DRAWINGS AND CONTRACT DOCUMENTS, ANY ERRORS OR OMISSIONS ON THE DRAWINGS IN THE FIELD PRIOR TO PROCEEDING WITH WORK OR SHOP FABRICATION.

8. OMISSIONS: IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.

9. CONTRACTOR SHALL PREPARE AND MAINTAIN ALL CONSTRUCTION AREAS, AS WELL AS SURROUNDING AREAS FREE OF DEBRIS OR HAZARDOUS EQUIPMENT.

10. CONTRACTOR SHALL VERIFY THAT ALL INTERIOR FINISHES COMPLY W/ F.B.C. R302.9:FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX FOR WALL CEILING FINISHES. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPMENT INDEX OF NOT GREATER THAN 450. TESTING SHALL BE DONE IN ACCORDANCE WITH ASTM E 84, OR UL 723.

11. CONTRACTOR SHALL VERIFY THAT ALL INSULATION COMPLIES W/ F.B.C. R302.10: FLAME SPREAD INDEX AND SMOKE INDEX FOR INSULATION. INSULATION MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND THE COST OF ALL THE REQUIRED BUILDING AND TRADE PERMITS.

13. ALL CONTRACTORS WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMAN-LIKE MANNER MATCHING AND ALIGNING ALL SURFACES WHERE APPLICABLE TO AFFORD A FINISHED, NEAT APPEARANCE. CONTRACTOR SHALL BE CLEAN ALL SURFACES FREE OF ALL DIRT AND REFUSE CAUSED BY DEBRIS FROM ALL INSTALLATION TECHNIQUES OF TRADE. ALL ADJACENT SURFACES TO THEIR WORK SHALL BE LEFT AS THEY APPEAR PRIOR TO THE COMMENCEMENT OF THE CONTRACTORS WORK TO BE DONE. CONTRACTOR SHALL PROPERLY PROTECT ALL ADJACENT SURFACES DURING THE COURSE OF HIS INSTALLATIONS. ALL GLASS AND HARDWARE SHALL BE THOROUGHLY CLEANED IN A MANNER ACCEPTABLE TO THE OWNER.

14. WHERE CMU IS INDICATED TO HAVE A SPECIFIC HOURLY FIRE RATING, THIS SHALL BE TAKEN AS THE MINIMUM ALLOWED.

15. ALL WOOD FRAMING, INCLUDING PLYWOOD, WHICH IS CONCEALED WITHIN WALLS OR CEILINGS OR USED FOR SUPPORT OF WALLS OR CEILINGS MUST BE FIRE RETARDANT AND, PRESSURE TREATED WOOD MUST BE USED WHERE IN CONTACT WITH CONCRETE OR MASONRY.

16. ALL PIPING SLEEVED THROUGH SLAB. CONTRACTOR TO FULLY SEAL SPACE AROUND PIPES WITH A 2-HOUR U.L. APPROVED FIRE RESISTIVE "THERMAFIBER" GLASS FIBER SAFING INSULATION AS MANUFACTURED BY U.S. GYPSUM CO. COMPLYING WITH ASTM E-119 OR APPROVED SIMILAR. PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED AS TO MAINTAIN THE FIRE RATING OF SAID WALL.

17. ALL SHAFTS WHERE APPLICABLE TO BE 2-HOUR RATED WITHOUT EXCEPTION, UL DESIGN NO. U-505 OR APPROVED SIMILAR AND SHALL CONTINUE AS SUCH TO UNDERSIDE OF ROOF OR FLOOR STRUCTURAL DECKING. SEE WALL TYPE DETAILS FOR WALL DESIGN.

18. CHAPTER 39, SEE FIRE PROTECTION, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

19. THE UNDERSIDE OF ALL EXTERIOR SOFFITS AND SLABS EXPOSED TO WEATHER SHALL RECEIVE A CONTINUOUS DRIP STRIP WITHOUT EXCEPTION.

20. ALL METAL FLASHING, SCUPPERS, ETC. TO RECEIVE PAINT AS RECOMMENDED BY MANUFACTURER, UNLESS OTHERWISE NOTED ON THE DRAWINGS OR PROJECT MANUAL.

21. BLOCKING AND / OR VERTICAL OR HORIZONTAL FRAMING REQUIRED FOR WALL MOUNTED OR BRACED FIXTURES, MILLWORK, SHELVES, BATHROOM FIXTURES, ACCESSORIES TILE AND STONE WORK OR BY OTHER ITEMS DESCRIBED IN INTERIOR DESIGN AND ARCHITECTURAL DRAWINGS.

22. IN ADDITION TO WALL TYPES SHOWN ON PLANS THE CONTRACTOR SHALL REFER TO THE ROOM FINISH SCHEDULE, INTERIOR ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION REGARDING FINISHES, INCLUDING INTERIOR DESIGN DRAWINGS.

23. CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL A/C FIRE DAMPERS.

24. CONTRACTOR SHALL PAINT ALL VISIBLE SURFACES OF FACTORY PRIMED OR FACTORY PAINT FINISHED EQUIPMENT, A/C GRILLS OR REGISTERS, COVERS, ETC. UNLESS SPECIFICALLY NOTED. OTHERWISE VERIFY AND COORDINATE COLORS WITH INTERIOR DESIGNER AND ENGINEER/ARCHITECT.

25. BEFORE INSTALLATION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER/ARCHITECT AND INTERIOR DESIGNER THE EXACT MOUNTING LOCATION OF ALL SWITCHES, WALL RECEPTACLES, PLUGS, THERMOSTATS AND OTHER WALL MOUNTED FIXTURES UNLESS NOTED ON PLANS.

26. ALL INTERIOR AND EXTERIOR JOINTS BETWEEN DISSIMILAR MATERIALS OR FINISHES SHALL RECEIVE A BEAD OF CAULKING TO MATCH COLOR OF ADJACENT SURFACE. COORDINATE COLORS WITH ARCHITECT/OWNER.

27. CIVIL ENGINEERING, INTERIOR DESIGN AND LANDSCAPE/IRRIGATION DRAWINGS ARE PART OF THIS PROJECT AND SHALL BE USED BY THE CONTRACTOR IN FULL COORDINATION W/ ALL THE DWGS. ISSUED BY GDC ARCHITECTS - ENGINEERS..

28. CONTRACTOR IS RESPONSIBLE FOR INCLUDING IN HIS BID, LABOR AND MATERIAL COSTS FOR ANY CHANGE OR ALTERATION OF ADJACENT AREAS TO BE DISTURBED DURING CONSTRUCTION SUCH AS, BUT NOT LIMITED TO, PAVING SIDEWALKS, STREETS, EXISTING TREES AND LANDSCAPING TO INSURE THEIR PROPER DRAINAGE AND RETURN THEM TO THEIR ORIGINAL FINISHED CONDITION.

29. ALL REQUIRED TESTS SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR AND BY AN APPROVED TESTING LABORATORY. TESTS RESULTS SHALL BE SUBMITTED TO THE ENGINEER/ARCHITECT.

30. ALL SLABS ON GRADE, INTERIOR AND EXTERIOR, TO BE ON 6 MILL POLYETHYLENE VAPOR BARRIER WITHOUT EXCEPTION, UNLESS OTHERWISE NOTED.

31. THE CONTRACTOR, AND ALL SUBCONTRACTORS AND SUPPLIERS, SHALL GRANT TO THE OWNER/DEVELOPER, INSTITUTIONAL MORTGAGEE AND TO THE PURCHASER OF EACH UNIT, IMPLIED WARRANTIES OF FITNESS AS TO THE WORK PERFORMED OR MATERIALS SUPPLIED BY THEM AS FOLLOWS: (A)AS REQUIRED BY FLORIDA STATUTE

    "COMPLETION OF A BUILDING OR IMPROVEMENT" MEANS FINAL COMPLETION OF CONSTRUCTION, FINISHING, AND EQUIPPING OF THE BUILDING OR IMPROVEMENT ACCORDING TO THE PLANS AND SPECIFICATIONS AND THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR THE ENTIRE BUILDING OR IMPROVEMENT, OR THE EQUIVALENT AUTHORIZATION BY THE GOVERNMENTAL BODY HAVING JURISDICTION. THE WARRANTIES PROVIDED HEREIN SHALL INSURE TO THE BENEFIT OF EACH OWNER AND ITS SUCCESSOR TO THE BENEFIT OF THE OWNER/DEVELOPER, AND TO THE BENEFIT OF THE INSTITUTIONAL MORTGAGEE.

32. A SEPARATE PERMIT AND PRODUCT CONTROL APPROVAL, WHEN APPLICABLE, IS REQUIRED FOR THE FOLLOWING:

    RIDGE VENTILATION, AWNINGS, DEMOLITION, STEEL JOISTS, GLASS BLOCK, ALUMINUM TRELLIS & GRID PANELS & LOUVERS, CANOPIES & RAIL, STAIR RAIL & BALCONY GUARDRAIL, STEEL FRAMES & METAL DECKS, STRUCTURAL GLAZING, CURTAIN WALLS, SIGNS, FENCES, WINDOWS, DOORS, STOREFRONTS, PRECAST SYSTEMS, ROOFING, RAILINGS, MULLIONS, HANDRAIL, METAL STRUCTURAL COLUMN, METAL ROOF FEATURE, ELEVATORS, GLASS & TRANSLUCENT MATERIAL "KALWALL".

33. ALL DOORS SWINGING INTO SERVICE CORRIDOR MUST HAVE 180 DEGREE HINGE.

34. INTERIOR WALL AND PARTITIONS. INTERIOR WALLS AND PARTITIONS THAT EXCEED 6 FEET IN HEIGHT, INCLUDING THEIR FINISH MATERIALS, SHALL HAVE ADEQUATE STRENGTH TO RESIST THE LOADS TO WHICH THEY ARE SUBJECTED BUT NOT LESS THAN A HORIZONTAL LOAD OF 5 PSF.

35. CERTIFICATE OF PROTECTIVE TREATMENT FOR PREVENTION OF TERMITES. A WEATHER RESISTANT JOBSITE POSTING BOARD SHALL BE PROVIDED TO RECEIVE DUPLICATE TREATMENT CERTIFICATES AS EACH REQUIRED PROTECTIVE TREATMENT IS COMPLETED, PROVIDING A COPY FOR THE PERSON THE PERMIT IS ISSUED TO AND ANOTHER COPY FOR THE BUILDING PERMIT FILES. THE TREATMENT CERTIFICATE SHALL PROVIDE THE PRODUCT USED, IDENTITY OF THE APPLICATOR, TIME AND DATE OF THE TREATMENT, SITE LOCATION, AREA TREATED, CHEMICAL USED, PERCENT CONCENTRATION AND NUMBER OF GALLONS USED, TO ESTABLISH A VERIFIABLE RECORD OF PROTECTIVE TREATMENT. IF THE SOIL CHEMICAL BARRIER METHOD FOR TERMITE PREVENTION IS USED, FINAL EXTERIOR TREATMENT SHALL BE COMPLETED PRIOR TO FINAL BUILDING APPROVAL.

36. NOTICE OF TERMITE PROTECTION. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL.

37. ALL STEEL LINK BEAMS WITH PENETRATIONS TO HAVE A 2 HR RATED COVERAGE AS SHOWN ON THIS DRAWINGS OR REFER TO SPECS.

38. FINISH FLOOR TO BE SLIP RESISTANT F.B.C. 11-4.5

39. ALL OPENINGS WILL BE PROTECTED BY FLOOD BARRIERS & ALL FINISH CONSTRUCTION MATERIALS BELOW THE BASE FLOOD ELEVATION WILL BE FLOOD RESISTANCE MATERIAL BY MASTER PERMIT DOCUMENTS.

40. LATHING AND PLASTERING MATERIALS AND ACCESSORIES SHALL BE MARKED BY MANUFACTURER'S DESIGNATION TO INDICATE COMPLIANCE WITH THE APPROPRIATE STANDARDS REFERRED IN THIS SECTION AND STORED IN SUCH A MANNER TO PROTECT THEM FROM THE WEATHER.

41. LATHING AND PLASTERING MATERIALS SHALL CONFORM TO THE STANDARDS LISTED INTABLE 2507.2 AND CHAPTER 35 AND , WHERE REQUIRED FOR FIRE PROTECTION, SHALL ALSO CONFORM TO THE PROVISIONS OF CHAPTER 7.

42. METAL LATH AND LATH ATTACHMENTS SHALL BE OF CORRISON-RESISTANT MATERIAL. BACKING OR A LATH SHALL PROVIDE SUFFICIENT RIGIDITY TO PERMIT PLASTER APPLICATIONS. WHERE LATH ON VERTICAL SURFACES EXTEND BETWEEN RAFTERS OR OTHER SIMILAR PROJECTING MEMBERS, SOLID BACKING SHALL BE INSTALLED TO PROVIDE SUPPORT FOR LATH AND ATTACHMENTS.

43. EXTERIOR AND INTERIOR CEMENT PLASTER AND LATHING SHALL BE DONE WITH THE APPROPRIATE MATERIALS LISTED IN TABLE 2507.2 AND CHAPTER 35 OF THE BUILDING CODE.

44. WATER -RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION 1404.2 AND, WHERE APPLIED OVER WOOD BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF WATER-RESISTIVE BARRIER COMPLYINGWITH ASTM E2556, TYPE I. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYERS PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FISHING (INSTALLED IN ACCORDANCE WITH SECTION 1405.4) INTENTED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

    EXCEPTIONS:
    WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT OF A WATER-RESISTIVE BARRIER COMPLYING WITH ASTM E2556, TYPE II AND IS SEPARATED FROM HE STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DRAINAGE SPACE. WHERE THE WATER-RESISTIVE BARRIER IS APPLIED OVER WOOD-BASED SHEATHING IN CLIMATE ZONE 1A, 2A OR 3A, A VENTILATED AIR SPACE SHALL BE PROVIDED BETWEEN THE STUCCO AND WATER-RESISTIVE BARRIER. 2510.6 WATER RESISTIVE BARRIERS

45. SURFACES SHALL BE CLEAN, FREE FROM EFFLORESCENCE, SUFFICIENTLY DAMP AND ROUGH FOR PROPER BOND. IF THE SURFACE IS INSUFFICIENTLY ROUGH, APPROVED BONDING AGENTS OR A PORTLAND CEMENT DASH BOND COAT MIXED IN PROPORTIONS OF NOT MORE THAN TWO PARTS VOLUME OF SAND TO ONE PART VOLUME OF PORTLAND CEMENT OR PLASTIC CEMENT SHALL BE APPLIED. THE DASH BOND COAT SHALL BE LEFT UNDISTURBED AND SHALL BE MOIST CURED NOT LESS THAN 24 HOURS.

46. A MINIMUM 0.019-INCH (0.48 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 31/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WATER-RESISTIVE BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

SYMBOL LEGEND

01 A-201 / 01 A-201	BUILDING SECTION DRG NO./SHT NO.
01 A-201 / 01 A-201	BUILDING EXTERIOR ELEVATION DRG NO./SHT NO.
N	NORTH ARROW
1 / A	COLUMN GRID
AA / A	DOOR REFERENCE
01	WINDOW REFERENCE
A / B / C / D, 01 I-201	INTERIOR ELEVATION DRG NO./SHT NO.
EL: +/- 0'-0"	ELEVATION
EL: +/- 0'-0" FIN. FLR.	ELEVATION OF FLOOR
M L / M L	MATCH LINE
1	REVISION CLOUD
ROOM NAME ROOM NUMBER AREA	ROOM, SPACE (SEE FINISH SCHEDULE)
01 A-501	PLAN DETAIL CALL OUT DETAIL NO./SHT NO.
01 A-201	WALL SECTION SECTION NO./SHT NO.
A A-301 SCALE: NONE REF: WHERE CUT OCCURS	SECTION TITLE DRG NO./SHT NO.
01 S-501 SCALE: NONE REF: WHERE CUT OCCURS	DETAIL TITLE DETAIL NO./SHT NO.
	ELEVATION CHANGE
℄	CENTERLINE

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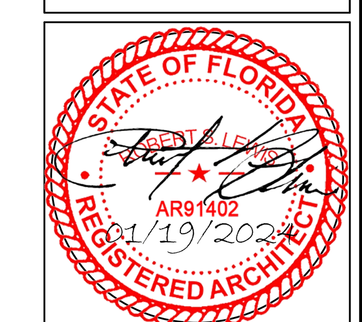
NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000З.0

ISSUED FOR PERMIT



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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-001

NOTES, SYMBOLS

DIVISION 1 GENERAL REQUIREMENTS

SECTION 01010 – SUMMARY OF WORK

Descriptive Summary of the Work:

Identification: Refer to the Contract (Owner–Contractor Agreement) for name location, project number and abbreviated identification of the work of the project.

Contract Documents: Requirements of the work are contained in the contract documents, and include cross–references herein to published information, which is not necessarily bound therewith.

Verbal Summary: Without force and effect on requirements of contract documents, the description of the work of the Contract can be summarized as follows:

Use of the Site: Confine operations at the site to the areas permitted. Portions of the site beyond areas on which work is indicated are not to be disturbed.

General: The Contractor shall limit his use of the premises to the work indicated, so as to allow for Owner occupancy and use by the public.

Keep existing driveways and entrances serving the premises clear and available at all times. Do not use for parking or storage of materials.

Do not encumber the site with materials or equipment. Confine stockpiling of materials and location of storage sheds to the storage area.

Lock automotive type vehicles and other mechanized or motorized construction equipment, when parked and unattended. Do not leave vehicles or equipment unattended with the motor running or ignition key in place.

Keep public areas such as hallways, stairs, elevator lobbies and toilet rooms free from accumulation of waste material, rubbish or construction debris.

Smoking or open fires will not be permitted within the building enclosure or on the premises.

Owner Occupancy:

Contractor Use of the Existing Building: Maintain the existing building in a safe and weather–tight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

Full Owner Occupancy: The Owner will occupy the site and the existing building during the entire period of construction. Cooperate fully with the Owner or his representative during construction operations to minimize conflicts and to facilitate Owner usage. Perform the work so as not to interfere with the owner's operations.

Pre–Ordered Products:

General: To expedite delivery and for other purposes in his own best interests, the Owner negotiated purchase orders with suppliers of material and equipment to be incorporated into the work. These purchase orders and commitments are assigned to the Contractor and the costs are included in the Contract Sum. The Contractor's responsibilities are the same as if the Contractor had negotiated the purchase orders, including the responsibility to re–negotiate purchase if necessary and to execute final purchase order agreements.

END OF SECTION 01010

SECTION 01040 – PROJECT COORDINATION

Administration and Supervision:

Coordination: Coordinate various elements of the work and entities engaged to perform work and coordinate the work with existing facilities/ conditions, and with work by separate contractors (if any) and by Owner.

Survey/Recording:

General: Working from established lines and levels at or near project site, establish and maintain dependable markers for lines and levels of the work, including markers for each story of construction. Calculate dimensions and measure for layout work. Record deviations (if any) from drawing information on existing conditions, and review with Architect/ Engineer at time of discovery.

Installer inspections: Require installer of each major unit of work to inspect substrate and conditions for installation, and to report (in writing) unsatisfactory conditions. Correct unsatisfactory conditions before proceeding. Inspect each product immediately before installation. Do not install damaged or defective products, materials or equipment.

Preparation for Installation:

Pre–Installation Conference: Prior to starting installation of each major component of the work, hold a pre–installation conference, attended by each entity involved or affected by planned installation. If necessary, include technical representatives of product manufacturers and others recognized as expert or otherwise capable of influencing success of the installation.

Installation, General:

Comply with manufacturer's instructions: and recommendations to extent printed information is more detailed or stringent than requirements contained directly in contract documents.

Timing: Install work during time and under conditions which will ensure best possible results, coordinated with required inspection and EXAM.

Anchor work securely in place, properly located by measured line and level, organized for best possible uniformity, visual effect, operational efficiency, durability, and similar benefit to Owner's use. Isolate non–compatible materials from contact, sufficiently to prevent deterioration.

Mount individual units of work at industry–recognized mounting heights, if not otherwise indicated; refer uncertainties to Architect/Engineer before proceeding.

Cleaning and Protection:

General: Clean each element of work at time of installation. Provide sufficient maintenance and protection during construction to ensure freedom from damage and deterioration at time of substantial completion.

END OF SECTION 01040

SECTION 01045 – CUTTING AND PATCHING

General:

Definition: "Cutting and patching" includes cutting into existing construction to provide for the installation or performance of other work and subsequent fitting and patching required to restore surfaces to their original condition.

Refer to other sections of these specifications for specific cutting and patching requirements and limitations applicable to individual units of work.

Structural Work: Do not cut–and–patch structural work in a manner resulting in a reduction of load–carrying capacity of load/deflection ratio. Submit proposal and request and obtain Architect/Engineer's approval before proceeding with cut–and–patch of structural work.

Operational/Safety Limitations: Do not cut–and–patch operational elements and safety components in a manner resulting in decreased performance, shortened useful life, or increased maintenance. Submit proposals and requests and obtain Architect's/Engineer's approvals before proceeding with cut–and–patches.

Visual/Quality Limitations: Do not cut–and–patch work exposed to view (exterior and interior) in a manner resulting in noticeable reduction of aesthetic qualities and similar qualities, as judged by Architect/Engineer.

Limitations on Approvals: Architect's/Engineer's approval to proceed with cutting and patching does not waive right to later require removal/ replacement of work found to be cut–and–patched in an unsatisfactory manner, as judged by Architect/Engineer.

Materials:

General: Use material for cutting and patching that are identical to existing materials. If identical materials are not available, or cannot be used, use materials that match existing adjacent surfaces to the fullest extent possible with regard to visual effect. Use materials for cutting and patching that will result in equal–or–better performance characteristics.

Execution:

Inspection: Before cutting, examine surfaces to be cut and patched and conditions under which the work is to be performed. If unsafe or otherwise unsatisfactory conditions are encountered, take corrective action before proceeding with the work.

Temporary Support: To prevent failure provide temporary support of work to be cut.

Protection: Protect other work during cutting and patching to prevent damage. Provide protection from adverse weather conditions for that part of the project that may be exposed during cutting and patching operations.

Avoid interference with use of adjoining areas of interruptions of free passage to adjoining areas.

Take precautions not to cut existing pipe, conduit or duct serving the building but scheduled to be relocated until provisions have been made to bypass them.

Cutting: Cut the work using methods that are least likely to damage work to be retained or adjoining work. Where possible review proposed procedures with the original installer; comply with original installer's recommendations.

Where cutting is required use hand or small power tools designed for sawing or grinding, not hammering and chopping. Cut through concrete and masonry using a cutting machine such as a carborundum saw or core drill. Cut holes and slots neatly to size required with minimum disturbance of adjacent work. To avoid marring existing finished surfaces, cut and drill from the exposed or finished side into concealed surfaces. Temporarily cover openings when not in use.

Patching: Patch with seams which are durable and as invisible as possible. Comply with specified tolerances for the work.

Restore exposed finishes of patched areas and where necessary extend finish restoration into retained adjoining work in a manner which will eliminate evidence of patching and refinishing.

END OF SECTION 01045

SECTION 01090 – DEFINITIONS AND STANDARDS

Definitions:

General: Except as specifically defined otherwise, the following definitions supplement definitions of the Contract, General Conditions, Supplementary Conditions and other general contract documents, and apply generally to the work.

General Requirements: The provisions of Division–1 sections, General Requirements, apply to the entire work of the Contract.

Indicated: Shown on drawing by notes, graphics or schedules or written into other portions of contract documents. Terms such as "shown", "noted", "scheduled" and "specified" have same meaning as "indicated", and are used to assist the reader in locating particular information.

Directed, Requested, Approved, Accepted, etc.: These terms imply "by the Architect/Engineer", unless otherwise indicated.

Approved by Architect/Engineer: In no case releases Contractor from responsibility to fulfill requirements of contract documents.

Project Site: Space available to Contractor at location of project, either exclusively or to be shared with separate contractors, for performance of the work.

Furnish: Supply and deliver to project site, ready for unloading, unpacking, assembly, installation, and similar subsequent requirements.

Install: Operation at project site, including unloading, unpacking, assembly, erection, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, and similar requirements.

Provide: Furnish and install, complete and ready for intended use.

Installer: Entity (firm or person) engaged to install work, by Contractor, subcontractor or sub–subcontractor. Installers are required to be skilled experts in work they are engaged to install.

Specification Text Format: Underscoring facilitates scan reading, no other meaning. Imperative language is directed at Contractor, unless otherwise noted.

Overlapping/Conflicting Requirements: Most stringent (generally) requirement written directly into the contract documents is intended and will be enforced, unless specifically detailed language written into the contract documents clearly indicates that a less stringent requirement is acceptable. Refer uncertainties to the Architect/Engineer for a decision before proceeding.

Minimum Requirements: Indicated requirements are for a specific minimum acceptable level of quality/quantity, as recognized in the industry. Actual work must comply (within specified tolerances), or may exceed minimums within reasonable limits. Refer uncertainties to Architect/Engineer before proceeding.

Abbreviations, Plural Words: Abbreviations, where not defined in contract documents, will be interpreted to mean the normal construction industry terminology, determined by recognized grammatical rules, by the Architect/Engineer. Plural words will be interpreted as singular and singular words will be interpreted as plural where applicable for context of contract documents.

EXAM Laboratory: An independent entity engaged for the project to provide inspections, tests, interpretations, reports and similar services.

Standards and Regulations:

Industry Standards: Applicable standards of construction industry have same force and effect on performance of the work as if copied directly into contract documents or bound and published therewith. Standards referenced in contract documents or in governing regulations have precedence over non–referenced standards, insofar as different standards may contain overlapping or conflicting requirements. Comply with standards in effect as of date of contract documents, unless otherwise indicated.

Abbreviations: Where abbreviations or acronyms are used in contract documents, they mean the well recognized name of entity in building construction industry; refer uncertainties to Architect/Engineer before proceeding, or consult "Encyclopedia of Associations" by Gale Research Co.

Trade Union Jurisdictions: Maintain current information on jurisdictional matters, regulations, actions and pending actions; and administer/supervise performance of work in a manner which will minimize possibility of disputes, conflicts, delays, claims or losses.

END OF SECTION 01090

SECTION 01300 – SUBMITTALS

Items Included: All items included in this section may not be required for this project. Consult with the Architect to determine which items are not included.

Progress Schedule: Within 15 days of the date established for "commencement of the work", submit a comprehensive progress schedule indicating a time bar for each significant category of work to be performed. Arrange schedule to indicate required sequencing and to show time allowances for submittals, inspections and similar time margins.

Show critical submittal dates or prepare a separate coordinated listing of critical submittal dates.
Show double cost line immediately below date line in heading, showing pre–calculated dollar–volume and space for recording actual dollar–volume of completed work at end of each period scheduled.

Submittal: Following the initial revision of the schedule after the Architect/Engineer's review, print and distribute the schedule to concerned parties, including 3 copies to the Architect/Engineer. Post in the temporary office. Revise at intervals matching payment requests and redistribute.

Project Meetings: Conduct monthly progress and coordination meetings attended by representatives of each entity engaged for performance of work. Record discussion and decisions. Distribute copies to those attending and others affected, including the Architect/Engineer.

Schedule of Values: Prepare a schedule of values to show breakdown of Contract Sum corresponding with payment request breakdown and progress schedule line items. Show dollar value and percent of total for each unit of work scheduled. Submit not less than 7 days prior to first payment request. Revise each time schedule is affected by change order or other revision.

Payment Requests: Submit a request each calendar month. Use AIA form G702, fully completed and executed.

Prior to the initial payment request, submit the schedule of values, a list of principal subcontractors and suppliers, the progress schedule and copies of building permits and similar start–up authorization.

Shop Drawings, Product Data and Samples:

General: coordinate submittals with the progress schedule and actual work progress. Allow 2 weeks for the Architect/Engineer's review. Provide additional copies as required by governing authorities.

Shop Drawings:

Initial Submittal: Submit one opaque blue/black line print and one correctable, reproducible transparency. The transparency will be processed and returned. After approval, print the processed transparency for job use and distribution.

Final Submittal: After approval, submit 3 prints; if the drawing is required for maintenance manuals submit 5 prints; with final submittal, include additional prints as necessary for job use and distribution. Architect/Engineer will retain 2 prints, and will return the remainder. Maintain one print as mark–up copy for record drawings.

Product Data: Mark each copy to indicate the actual product to be provided; show selections from among options in the manufacturer's printed product data. Submit 2 copies to Architect/Engineer; submittal is for information and record purposes only. Where the product data is required for maintenance manuals, submit 2 additional copies which will be returned. Maintain one additional copy at the project site for reference purposes.

Do not proceed with the installation of manufactured products until a copy of related product data is in the installer's possession at the project site.

Samples: Submit 3 sets of samples; one set will be returned. Provide 3 or more samples in each set where variations in color, pattern or texture are observable; show average condition and extreme range of variations. Submit full documentation with each set. Sample submittals are for Architect/Engineer's observations of color, texture, pattern and "kind". Maintain returned set at project site for purposes of quality control comparisons.

Miscellaneous Submittals: Provide copies of miscellaneous submittals as follows:

Warranties: Submit 2 executed copies, plus additional copies as required for maintenance manual.

Field Records: 4 copies, including one copy which will be returned for inclusion in the submittal of record documents.

Maintenance Manuals: Submit 2 bound copies.

Record Drawings: Submit original maintained marked–up prints.

END OF SECTION 01300

SECTION 01700 – PROJECT CLOSEOUT

Description of Requirements: Provisions of this section apply to the procedural requirements for the actual closeout of the Work, not to administrative matters such as final payment or the change over of insurance. Closeout requirements relate to both substantial and final completion of the Work, they also apply to individual portions of completed work as well as the total Work. Specific requirements contained in other sections have precedence over the general requirements contained in this section.

Procedures at Substantial Completion:

Prerequisites: comply with the General Conditions and complete the following before requesting inspection of the Work, for substantial completion.

Submit executed warranties, workmanship bonds, maintenance agreements, inspection certificates and similar required documentation for specific units of work, enabling Owner's unrestricted occupancy and use.

Submit record documentation, maintenance manuals, tools, spare parts, keys and similar operational items.

Complete instruction of Owner's operating personnel, and start–up systems.

Complete final cleaning, and remove temporary facilities and tools.

Record Documentation:

Record Drawings: Maintain a complete set of either blue–or black–line prints of the contract drawings and shop drawings for record mark–up purposes throughout the Contract Time. Markup these drawings during the course of the work to show both changes and the actual installation, in sufficient detail to form a complete record for the Owner's purposes. Giver particular attention to work which will be concealed and difficult to measure and record at a later date, and work which may require servicing or replacement during the life of the project. Require the entities marking prints to sign and date each mark–up. Bind pints into manageable sets, with durable paper covers, appropriately labeled.

Maintenance Manuals: Provide 3–ring vinyl–covered binders containing required maintenance manuals, properly identified and to cover emergencies, spare parts, warranties, inspection procedures, diagrams, safety, security, and similar appropriate data for each system or equipment item.

Final Cleaning: At the time of project close out, clean or reclean the work to the condition expected from a normal, commercial building cleaning and maintenance program. Complete the following cleaning operations before requesting inspection of substantial completion.

Remove non–permanent protection and labels.
Polish glass.
Clean exposed finishes.
Touch–up minor finish damage.
Clean or replace mechanical systems filters.
Remove debris.
Broom–clean unoccupied spaces.
Sanitize plumbing and food service facilities.
Clean light fixtures and replace burned–out lamps.
Sweep and wash paved areas.
Police yards and grounds.

END OF SECTION 01700

DIVISION 2 SITEWORK

SECTION 02070 – SELECTIVE DEMOLITION

Types of Selective Demolition Work: Demolition requires the selective removal and subsequent offsite disposal of portions of the existing building as indicated on drawings and as required to accommodate new construction.

Related work specified elsewhere:

Remodeling construction work and patching is included within the respective sections of specifications, including removal of materials for re–use and incorporated into remodeling or new construction.

Relocation of pipes, conduits, ducts, other mechanical and electrical work are specified by respective trades.

Schedule Submit schedule indicating proposed sequence of operations for selective demolition work to Owner's Representative for review prior to commencement of work. Include coordination for shut–off, capping and continuation of utility services as required, together with details for dust and noise control.

NOTE:
ONLY THOSE SPEC SECTIONS PERTAINING TO WORK SHOWN ON THE DWGS APPLY. DIVISION I APPLIES TO ALL PROJECTS.

ARCHITECTURAL NOTES

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NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

STATE OF FLORIDA
AR91402
1/19/2024
REGISTERED ARCHITECT

ROBERT S. LEWIS
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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-002

Occupancy: Owner will be continuously occupying areas of the building immediately adjacent to areas of selective demolition.
Conduct selective demolition work in manner that will minimize need for disruption of Owner's normal operations. Provide minimum of 72 hours advance notice to Owner of demolition activities which will impact Owner's normal operations

Condition of Structures: Owner assumes no responsibility for actual condition of items or structures to be demolished.

Conditions existing at time of commencement of contract will be maintained by Owner insofar as practicable. However, variations within structure may occur by Owner's removal and salvage operations prior to start of selective demolition work.

Partial Demolition and Removal: Items indicated to be removed but of salvable value to Contractor may be removed from structure as work progresses. Transport salvaged items from site as they are removed.

Storage or sale of removed items on site will not be permitted.

Protections: Provide temporary barricades and other forms of protection as required to protect Owner's personnel and general public from injury due to selective demolition work.

Provide protective measure as required to provide free and safe passage of Owner's personnel and general public to and from occupied portions of building.

Erect temporary covered passageways as required by authorities having jurisdiction.

Protect from damage existing finish work that is to remain in place and becomes exposed during demolition operations.

Protect floors with suitable coverings when necessary.

Construct temporary insulated solid dust-proof partitions where required to separate areas where noisy or extensive dirt or dust operations are performed. Equip partitions with dust-proof doors and security locks if required.

Damages: Promptly repair damages caused to adjacent facilities by demolition work at no cost to Owner.

Utility Services: Maintain existing utilities indicated to remain, keep in service, and protect against damage during demolition operations.

Do not interrupt existing utilities serving occupied or used facilities, except when authorized in writing by authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to governing authorities.

Inspection: Prior to commencement of selective demolition work, inspect areas in which work will be performed. Photograph existing conditions to structure surfaces, equipment or to surrounding properties which could be misconstrued as damage resulting from selective demolition work; file with Owner's Representative prior to starting work.

Cover and Protect furniture, equipment and fixtures to remain from soiling or damage when demolition work is performed in rooms or areas from which such items have not been removed.

Locate, identify, stub off and disconnect utility services that are not indicated to remain.

Provide by-pass connections as necessary to maintain continuity of service to occupied areas of building. Provide minimum of 72 hours advance notice to owner if shutdown of service is necessary during change-over.

Demolition: Perform selective demolition work in systematic manner.

Demolish concrete and masonry in small sections. Cut concrete and masonry at junctures with construction to remain using power-driven masonry saw or hand tools; do not use power-driven impact tools.

If unanticipated mechanical, electrical or structural elements which conflict with intended function or design are encountered, investigate and measure both nature and extent of conflict. Submit report to Owner's Representative in written, accurate detail. Pending receipt of directive from Owner's Representative rearrange selective demolition schedule as necessary to continue overall job progress without delay.

Salvage Items: Where indicated on Drawings as " Salvage-Deliver to Owner", carefully remove indicated items, clean, store and turn over to Owner and obtain receipt.

Disposal of Demolished Materials: Remove debris, rubbish and other materials resulting from demolition operations from building site. Transport and legally dispose of materials off site.

Clean up and Repair: upon completion of demolition work, remove tools, equipment and demolished materials from site. Remove protections and leave interior areas broom clean.

Repair demolition performed in excess of that required. Return structures and surfaces to remain to condition existing prior to commencement of selective demolition work. Repair adjacent construction or surfaces soiled or damaged by selective demolition work.

END OF SECTION 02070

DIVISION 3 CONCRETE
(NOT INCLUDED)

DIVISION 4 MASONRY
(NOT INCLUDED)

DIVISION 5 METALS

SECTION 05400 - COLD FORMED METAL FRAMING

Types of cold-formed metal framing units for project include the following:

"C" shaped steel studs.

Shop Drawings and Data: Submit shop drawings for special components and installations not fully dimensioned or detailed in manufacturer's product data.

Include placing drawings for framing members showing size and gage designations, number, type, location and spacing. Indicate supplemental bracing, splices, accessories, and details as required for proper installation.

Component Design: Calculate structural properties of studs and joists in accordance with AISI "Specification for the Design of Cold-Formed Steel Structural Members"

Fire-Rated Assemblies: Where framing units are components of assemblies indicated for a fire-resistance rating, including those required for compliance with governing regulations, provide units which have been approved by governing authorities having jurisdiction.

Manufacturers : one of the following:

Alabama Metal Industries Corp.
Bostwick Steel Framing Co.
Dale Industries, Inc.
Milcor Div. , Inryco Inc.
Marino Industries Corp.
U.S. Gypsum.

System Components: With each type of metal framing required, provide manufacturer's standard steel runners (tracks), blocking, lintels, clip angels, shoes, reinforcements, fasteners, and accessories as recommended by manufacturer for application indicated, as needed to provide a complete metal framing system.

Materials and Finishes:

For 18-gage and lighter units, fabricate metal framing components of commercial quality steel sheet with a minimum yield point of 33,000 psi; ASTM A 446, A 570, or A611.

Provide galvanized finish to metal framing components complying with ASTM A 525 for minimum G 60 coating.

"C" - Shape Studs:Manufacturer's standard load-bearing steel studs of size, shape, and gage indicated, with 1.625" flange and flange return lip.

Electrodes for Welding: Comply with AWS Code.

Galvanizing Repair Paint: High zinc dust content paint for repair of galvanized surfaces damaged by welding, complying with M.I Spec. MIL-P-21035.

Prefabrication: Structural framing components may be prefabricated into panels prior to erection. Fabricate panels plumb, square, true to line and braced against racking with joints welded. Perform lifting of prefabricated panels to prevent damage or distortion.

Fabricate panels in jig templates to hold members in proper alignment and position and to assure consistent component placement.

Fastenings: Attach similar components by welding. Attach dissimilar components by welding, bolting, or screw fasteners, as standard with manufacturer.

Wire tying of framing components is not permitted.

Fabrication Tolerances: Fabricate panels to a maximum allowable tolerance variation from plumb, level, and true to line of 1/8" in 10'-0".
Installation: Install metal framing systems in accordance with manufacturer's printed or written instructions and recommendations, unless otherwise indicated.

Install continuous tracks sized to match studs. Secure tracks as recommended by stud manufacturer for type of construction involved.

Set studs plumb, except as needed for diagonal bracing or required for non-plumb walls or warped surfaces and similar requirements.

Install supplementary framing, blocking and bracing in metal framing system wherever walls or partitions are indicated to support fixtures, equipment, services, casework, heavy trim and furnishings, and similar work.

Secure studs to top and bottom runner tracks by either welding or screw fastening at both inside and outside flanges.

Install horizontal stiffeners in stud system, spaces (vertical distance) at not more than 4'-6" o.c. Weld at each intersection.

END OF SECTION 05040

DIVISION 6 WOOD AND PLASTICS

SECTION 06100 - ROUGH CARPENTRY

General:

Products:

Lumber, General: Manufacture lumber, S4S and grade stamped, to comply with PS 20 and applicable grading rules of inspection agencies certified by ALSC'S Board of Review.

Lumber for Miscellaneous Uses: Unless otherwise indicated, provide Standard grade lumber for support of other work, including rooftop equipment and support bases, cant strips, bucks, nailers, blocking, furring, grounds, stripping and similar members.

Plywood Backing for Electrical and Telephone Equipment: APA C-D PLUGGED INT with exterior glue, fire-retardant treated, 1/2" thick except as otherwise noted.

Fasteners and Anchorages: of size, type, material and finish suited to application shown. Provide metal hangers and framing anchors of size and type recommended for intended use by manufacturer.

Installation:

Install rough carpentry work to comply with "Manual of House Framing" by National Forest Products Assoc. (N.F.P.A.) and with recommendations of American Plywood Association (APA), unless otherwise indicated. For sheathing, underlayment and other products not covered in above standards, comply with recommendations of manufacturer of product involved for use intended. Set carpentry work to required levels and lines, with members plumb and true and cut to fit.

Securely attach: Carpentry work to substrates and supporting members using fasteners of size that will not penetrate members where opposite side will be exposed to view or receive finish materials. Install fasteners without splitting wood.

SECTION 06300 - FINISH CARPENTRY AND ARCHITECTURAL WOODWORK

Standards: Comply with applicable requirements of the following:

"Architectural Woodwork Quality Standards" by AWI.

Shop drawings: Submit shop drawings for each item of architectural woodwork.

Samples: Submit finished samples of each wood species and cut indicated for transparent finish; of each material indicated for opaque finish; of each color, pattern and finish of plastic laminate; and of each type of cabinet hardware.

Interior Wood:

Lumber and Trim: Unless shown otherwise on the drawings, western pine, Douglas Fir or White Fir, graded "C Select" under WWPA rules.

Plywood: Sizes shown on the drawings, APA graded complying with PSI/ANSI A199.1.

Panel Product: Medium density fiberboard.

Fire-Retardant Treated Wood (FRTW): Where wood is indicated for fire-retardant treatment comply with AWPA C 20 (lumber) and AWPA C 27 (plywood) using fire-retardant which will not bleed through or adversely affect type of finish indicated and which does not require brush treatment after field cutting. Provide UL label on concealed surface of each piece. Re-dry treated lumber. Inspect each piece of lumber and plywood after treatment and drying; discard twisted, warped, bowed or otherwise damaged or defective wood.

Plastic Laminate: High pressure decorative laminate complying with NEMA LD 3, in color, pattern and finish indicated.

Fasteners and Anchorages: Provide nails, screws and other anchoring devices of type, size material and finish suitable for intended use and required to provide secure attachment, concealed where possible. Hot-dip galvanize fasteners for work exposed to high humidities to comply with ASTM A 153.

Cabinet Hardware and Accessory Materials: Provide cabinet hardware and accessory materials to comply with requirements indicated for design, material, finish, manufacturer, etc.

Installation: Install finish carpentry and architectural woodwork plumb, level and straight with no distortion. Shim as required using concealed shims. Scribe and cut woodwork to fit adjoining work. Anchor woodwork to anchors or blocking or directly to substrates, using concealed fasteners.

Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces from maximum length of lumber available. Cope at returns, miter at corners to produce tight fitting joints. Use scarf joints for end-to-end joints.

Cabinets: Install without distortion so that doors and drawers fit openings and are properly aligned.

Tops: Anchor securely to base units.

END OF SECTION 06400

DIVISION 7 THERMAL AND MOISTURE PROTECTION

SECTION 07200 - INSULATION

General:

Thermal resistivity or r-value represents the rate of heat flow though a homogenous material exactly 1" thick and are expressed by the temperature difference in degrees F between the two exposed faces required to cause 1 BTU to flow through 1 sq.ft. per hr. at mean temperatures indicated.

Fire Performance Characteristics: Provide insulation with fire performance characteristics indicated per ASTM E 119, ASTM E 84 and E 136, as applicable, and which correspond to product listed in UL "Fire Resistance Directory" or "Building Materials Directory".

Maximum Allowable Asbestos Content: Less than 0.25% by weight of asbestos of any type or mixture of types occurring naturally as impurities, as determined by polarized light microscopy test per Appendix A of 40 CFR 763.

Submittals: Submit product data for each form and type of insulation indicated.

Products:

General: Provide insulation as shown on the drawings selected from manufacturer's standard thicknesses, widths and lengths.

Combustion Characteristics: Passes ASTM E 136 test.

Surface Burning Characteristics: Maximum flame spread and smoke developed values of 25 and 50, respectively.

Thermal Resistance: as shown on the drawings.

Mechanical Anchors: Type and size recommended by insulation manufacturer.

Installation:

General: Comply with insulation manufacturer's instructions for installation of insulation.

Support: insulation units by adhesive or mechanical anchorage or both as applicable to location and conditions indicated.

END OF SECTION 07200

DIVISION 8 DOORS AND WINDOWS

SECTION 08110 - STEEL DOORS AND FRAMES

Standards: In addition to other specified requirements, comply with Steel Door Institute "Recommended Specifications for Standard Steel Doors and Frames" (SDI-100), for the following classifications.

Interior Doors: (if required) SDI-100, Grade III, heavy-duty, Model 1, minimum 18-gage faces.

Submittals: With manufacturer's standard details and specifications for steel doors and frames, submit shop drawings showing application to project, as required.

Manufacturer: One of the following:

Allied Steel Products, Inc.
Amweld/Div. American Welding & Mfg. Co.
Ceco Corp.
Curries Mfg. , Inc.
Dittco Prod. Div.
Fenestra Corp.
Mesker Industries, Inc.
Pioneer Bldrs. Products Corp./Div. CORE Industries, Inc.
Steelcraft/Div. American Standard Co.
Trussbilt, Inc.
Republic Builders Products Corp./Subs. Republic Steel.

Fire-Rated Assemblies: (if required) Provide units that display appropriate UL or FM labels for fire-rating indicated.

Materials: Steel doors and frames; hot-rolled, pickled and oiled per ASTM A 569 and A 568; cold-rolled per ASTM A 366 and A 568.

Anchors and Accessories: Manufacturer's standard units. Use galvanized items for units built into exterior walls, complying with ASTM A 153.

Fabrication: Fabricate units to be rigid, neat in appearance, and free from defects, warp or buckle. Weld exposed joints continuously, grind, dress, and make smooth, flush and invisible.

Prepare steel doors and frames to receive mortised and concealed finish hardware, including cutouts, reinforcing, drilling and tapping, complying with ANSI A 115 "Specifications for Door and Frame Preparation for Hardware".

Reinforce units to receive surface-applied finish hardware to be field applied.

Locate finish hardware as indicated or, if not indicated, per DHI "Recommended Locations for Builder's Hardware".

Shop paint exposed surfaces of doors and frame units, including galvanized surfaces, using manufacturer's standard baked-on rust inhibit primer.

Doors: Comply with SDI-100, of the types and styles indicated, for materials quality, metal gages, and construction details.

Frames: Comply with SDI-100, of the types and styles indicated, for materials quality, metal gages, and construction details.

Provide standard hollow metal frames for doors, transoms, sidelights, borrowed lights, and other openings as indicated.

Prepare frames to receive 2 silencers on strike jambs of single-swing frames and on heads of double-swing frames.

Provide 26-gage steel plaster guards or mortar boxes, welded to frame, at back of hardware cutouts where installed in concrete, masonry or plaster openings.

Installation: Install hollow-metal units in accordance with manufacturer's instructions and final shop drawings (if any). Fit doors to frames and floors with clearances specified in SDI-100.

Install fire-rated units in accordance with NFPA Std. No. 80

Finish hardware is specified in another Division-8 section.

END OF SECTION 08110

SECTION 08210 - WOOD DOORS

Standards: Comply with requirements of ANSI/NWMA I.S. 1 and Section 1300 of AWI "Architectural Woodwork Quality Standards" except as otherwise indicated.

Submittals: In addition to product data, submit the following:

Samples for each type of door construction, face material and finish required.

Product warranty on door manufacturer's standard form, signed by Manufacturer, Installer and Contractor, agreeing to repair or replace defective doors as defined by referenced standards.

Manufacturers: Subject to compliance with requirements, provide wood doors by one of the following:

Algoma Hardwoods Inc.
Buell Door Company.
Cal-Wood Door Div.; Timberland Ind., Inc.
Eggers.
Glen-Man Door Mfg. Co.
Graham Mfg. Co.
Ipik Door Co., Inc.
Weyerhauser Company.
Approved Equal.

General Wood Door Product Requirements:

Exposed Surfaces: Same exposed surface material on both faces of each door, except as otherwise indicated.

Transom and side Panels: Match quality, construction and appearance of associated wood doors.

Louvers: Manufacturer's standard louvers of type, material and size indicated.

Fire-Rated Doors: Labeled and listed with rating required by a EXAM and inspection agency acceptable to authority having jurisdiction.

Interior Flush Doors:

Core: Solid core or hollow core, as shown on the drawings. Hollow core doors shall be IHC where required by finish hardware.

Faces for Transparent Finish: As shown on the drawings.

NOTE:
ONLY THOSE SPEC SECTIONS PERTAINING TO WORK SHOWN ON THE DWGS APPLY. DIVISION I APPLIES TO ALL PROJECTS.

ARCHITECTURAL NOTES

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PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
01/19/2024
REGISTERED ARCHITECT

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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-003

Faces for Opaque Finish: Any closed-grain hardwood of mill option.

Grade: Custom.

Fire-Rated Solid Core Doors:

Faces and AWI Grade: Match faces and grade of non-rated doors in same area of building.

Core Construction: Manufacturer's standard core construction required to provide fire-resistance rating indicated.

Edge Construction: Manufacturer's standard laminated edge construction for improved screw-holding ability.

Factory Finishing: (if used)
Shop-prime doors for opaque finish with one coat of wood primer.

Pre-finish wood doors for transparent finish with manufacturer's standard finishing system as selected by Architect from manufacturer's standards for stain color (if any) and gloss.

Pre-finish wood doors for opaque finish with manufacturer's standard paint system in color indicated, or if not indicated, as selected by Architect.

Pre-fitting and Preparation for Hardware:

Pre-fit and pre-machine wood doors at factory. Coordinate with finish hardware and door frame requirements.

Installation:

Job-Fit Doors: Fit doors to frames with uniform clearances and bevels to dimensions indicated in referenced standards. Machine doors for hardware indicated. Seal cut surfaces after fitting and machining.

Install doors to comply with manufacturer's instructions.

END OF SECTION 08210

SECTION 08420 - ALUMINUM STOREFRONT WORK:

Submittals: In addition to manufacturer's standard product data submit the following:

Shop drawings for fabrication and installation.
Samples of each required aluminum finish.

Manufacturers: One of the following:

Alumiline / Aldora.
Amarlite / Arco Metals Co.
Arcadia, Northrop Architectural Systems.
Cronstroms Mfg., Inc.
Howmet Aluminum Corp.
Kawneer Company, Inc.
PPG Industries, Inc.
Tubelite Div. , Indal Inc.
United States Aluminum Corp., International Alum. Corp.

Modifications of Details: Maintain design concept as indicated (member sizes, basic profiles, and component alignment).

Drawings are based on one manufacturer's systems; similar systems by other manufacturers are acceptable, if determined by Architect to conform to design requirements.

Finish: As indicated on the drawings, conforming to one of the following.

Class I Natural Anodized Finish: AA M12C22A41
Class II Natural Anodized Finish: AA M12C22A31

Class II Color Anodized Finish: AA M12C22A42 / A4, in color matching Architect's sample, or if none, as selected by Architect from within standard industry colors and color density range.

Installation: Comply with manufacturer's instructions and recommendations. Set units plumb and level, accurately aligned and securely anchored.

END OF SECTION 08420

SECTION 08710 - FINISH HARDWARE

General Hardware Requirements

Number Designation: Numbers shown on the drawings indicating hardware items are ANSI standard number designations.

Acceptable Manufacturers / Products: Acceptable manufacturers for various types of products are listed on the drawings. Products of equivalent quality, design and function by other listed manufacturers may be used, subject to approval of Architect.

Submit final hardware schedule organized by "hardware sets", to indicate specifically the product to be furnished for each item required on each door.

Furnish templates to each fabricator of doors and frames, as required for preparation to receive hardware.

Finish and base material designations are indicated in accordance with ANSI A156.18 or the nearest traditional U.S. commercial finish.

Hardware Mounting Heights: Door and Hardware Institute "Recommended Locations for Builders' Hardware for Custom Steel Doors and Frames", except as otherwise indicated.

Install each hardware item to comply with manufacturer's instructions and recommendations.

END OF SECTION 08710

SECTION 08800 - GLASS AND GLAZING

General:

Glazing Standard: Comply with FGMA "Glazing Manual" and "Sealant Manual".

Safety Glazing Standard: Comply with ANSI Z97.1 and EXAM requirements of 16 CFR Part 1201 for category II materials.

Fire Resistance Rated Wire Glass: Provide UL-labeled and listed products, identical with those tested per ASTM E 163 (UL 9).

Products:

Glass Manufacturers: Subject to compliance with requirements, provide products by one of the following:

AFG Industries, Inc.
LOF Glass, Inc.
PPG Industries Inc.
Saint Gobain / Euroglass.

Sizes: Fabricate glass of thicknesses indicated and to sizes required for glazing openings indicated, with edge clearances and tolerances complying with recommendations of glass manufacturer.

Glass Products : Comply with ASTM C 1036. Provide types of glass shown on the drawings.

Glazing Sealant: Comply with sealant and glass manufacturers for selection of glass sealants which suit project application and installation conditions and which are compatible with surfaces contacted. Provide color of exposed sealants indicated or as selected by Architect.

Cleaners, Primers and Sealers: Type recommended by manufacturer of sealants / gaskets.

Glass Installation (Glazing):

General: Comply with referenced FGMA standards and instructions of manufacturers of glass, glazing sealants, and gaskets, to achieve airtight and watertight performance and to minimize breakage.

Protect glass from edge damage during handling and installation. Inspect glass during installation and discard pieces with edge damage that could affect glass performance.

Protect glass from contact with contaminating substances resulting from construction operations ; remove any such substances by method approved by glass manufacturer.

Wash glass on both faces not more than 4 days prior to date scheduled for inspections intended to establish date of substantial completion. Wash glass by method recommended by glass manufacturer.

END OF SECTION 08800

DIVISION 9 FINISHES

SECTION 09250 - GYPSUM DRYWALL

Gypsum Board Standard: ASTM C 840

Metal Support Standard: ASTM C 754

Fire - Resistance Ratings: provide gypsum drywall work with ratings indicated and conforming to assemblies tested and listed by recognized authorities.

Manufacturers: Subject to compliance with requirements, provide products by one of the following:

American Gypsum Co.
Flintkote Products, Genstar Building Materials Co.
Georgia - Pacific Co.
Gold Bond Building Products Div., National Gypsum Co.
United States Gypsum Co.

Drywall Materials:

Exposed Gypsum Board: ASTM C 36.

Provide Type X where indicated and where required in fire-resistance rated assemblies.
Long Edges: Standard taper.
Thickness: 5/8", unless otherwise indicated.
Thickness: 5/8", Type "X" unless otherwise indicated.

Trim Accessories: Provide mfr's. standard metal trim accessories, of the beaded type with face flanges for concealment in joint compound except where semi-finishing or exposed type is indicated. Provide corner beads, L-type edge trim beads, U-type trim beads, special L-kerf-type edge trim beads, and one piece control beads.

Laminating Adhesives: Product recommended by gypsum board mfr.

Gypsum Board Fasteners: Type recommended by gypsum board mfr., except as otherwise indicated.

Joint Tape: ASTM C 475, paper reinforcing tape.

Joint Compound: ASTM C 475, of the type indicated.

Provide ready-mixed vinyl-tape for interior work.

Drywall Installation and Finishing:

Install gypsum boards in lengths and directions which will minimize number of end joints, and avoid end joints in central area of ceilings. Install walls and partitions with exposed gypsum boards vertical, with joints offset on opposite sides of partitions. Otherwise, install boards staggered over support, except where recommended in a different arrangement by mfr.

Form "Floating" construction for gypsum boards at internal corners, except where special isolation or edge trim is indicated.

Isolate drywall work from abutting structural work; provide edge trim and acoustical sealant as recommended by mfr.

Screw gypsum board to metal supports.

Laminate face layer to backing board layer where double-layer work is indicated or required to make up indicated thickness.

Do not bridge building expansion joints. Leave space of the width indicated between boards, and trim both edges for installation or sealant or gasket.

Drywall Finishing: Except as otherwise indicated, apply joint tape and joint compound at joints (both directions) between gypsum boards. Apply compound at accessory flanges, penetrations, fastener heads and surface defects.

Install compound in 3 coats (plus pre-fill of cracks where recommended by mfr.); sand after last 2 coats.

END OF SECTION 09250

SECTION 09300 - TILE

Standards: Mortar and grout materials and installation standards of American National Standard Institute (ANSI) and Standard Specification for Ceramic Tile ANSI A137.1 apply to the work, except as otherwise indicated.

Submittals: With manufacturer's product data and installation instructions for tile work, submit 3 samples of each type, color, and texture of tile mounted on 12" square backing with joints grounted.

Colors, Textures and Patterns: As selected by Architect from manufacturer's standards, or as shown on the drawings.

Sizes and Thicknesses: As indicated or, if not indicated, as selected by Architect from manufacturer's standard sizes and thicknesses.

Tile Grade: "Standard Grade" unless otherwise indicated.

Trim Shapes: Same material, size, color, and texture as field tile.

Marble Thresholds: Group "A"; ASTM C 503, for exterior use with minimum hardness of 10.0 per ASTM C 241; white with, honed finish, unless otherwise indicated.

Portland Cement Mortar: ANSI A108.1, materials and installation.

Dry-Set Mortar: ANSI A118.1

Latex-Portland Cement Mortar: ANSI A118.4

Prepackage dry mortar mix with re-emulsifiable powder as additive, for mixing with water only.

Installation: Comply with ANSI A108.1 and 108.4 through A108.10, as applicable for type of tile, setting materials, grout and methods of installation indicated. Comply with manufacturer's instructions for application of proprietary materials.

Joint Pattern: Use grid pattern with 1/16" wide joints, unless otherwise indicated.

Edge Strips: Provide at exposed edge of tile meeting carpet, wood, or resilient flooring, unless otherwise indicated.

Cleaning and Protection: Clean tile in accordance with applicable ANSI standard for type of tile and method of installation used and manufacturer's instructions. Apply heavy draft paper or other heavy protective covering to prevent surface damage.

END OF SECTION 09300

SECTION 09510 - ACOUSTICAL CEILINGS

General:

Acoustical Panel and Tile Standard: FS SS-S-118

Acoustical Suspension System Standards: ASTM C 635 for materials, ASTM C 636 for installation.

Surface Burning Characteristics: 25 or less for flame spread, 50 or less for smoke developed, per ASTM E 84.

Fire-Resistance Ratings: As indicated per ASTM E 119 and as indicated by reference to design designation in UL "Fire Resistance Directory".

Products:

Mineral Composition Panels - Sizes and types shown on the drawings.

Metal Direct-Hung Suspension Systems: Direct-hung systems, roll-formed from pre-finished cold-rolled steel sheet, with hanger wire, attachment devices and edge moldings and trim. Sizes and types shown on the drawings.

Installation:

Layout: Balance ceiling borders on opposite sides, using more-than-half-width acoustical units.

Tolerance: 1/8" in 12'-0" level tolerance.

Pattern Directions: AS shown on the drawings.

Suspension System: Secure to building structure, with hangers spaced 4'-0" along supported members.

Edge Moldings: Secure to substrate with screw anchors spaced 16" o.c. Miter corner joints.

Cope exposed edges of intersecting exposed suspension members to produce flush intersections.

Install acoustical tile with suspension flange at each joint.

END OF SECTION 09510

SECTION 09650 - RESILIENT FLOORING

Submittals: With manufacturer's product data and installation instructions, submit the following:

Samples of each type, color and pattern of resilient flooring and accessories.

Maintenance instructions.

Colors and Patterns: As scheduled or shown, or as selected by Owner from manufacturer's standard colors and patterns.

Vinyl Composition Tile: FS SS-T-312, Type IV, composition as indicated below; 12"x 1/8" gage unless otherwise indicated. Provide static resistant tile where shown on the drawings.

Vinyl Wall Base: FS SS-W-40, Type II, 0.080" gage; with matching stops and pre-formed corner units; standard top-set cove; unless otherwise indicated.

Resilient Edge Strips: Not less than 1" width; 1/8" gage; tapered bullnose edge, color to match flooring or as selected by Architect.

Installation: Comply with flooring manufacturer's recommendations for type(s) of materials, project conditions, and intended use.

Clean floors and apply leveling compound and substrate primer if required, in accordance with flooring manufacturer's instructions.

Lay tile flooring from center marks established with principal walls; adjust as required to avoid use of cut units less than 1/2 tile wide at perimeters. Match tiles for color and pattern by using in manufactured and packaged sequence.

Install resilient edge strips at edges of resilient flooring which would otherwise be exposed.

Clean floors and accessories after installation and apply protective polish in accordance with flooring manufacturer's instructions. Omit polish on "no-wax" flooring and tile indicated for "no-wax" maintenance.

END OF SECTION 09650

SECTION 09680 - CARPETING

General:

Carpet flammability: Pass pill test, ASTM D 2859 (DOC FF-1-70).

Radiant Panel Test: Rating of 0.22 for corridors, circulation spaces, and rooms larger than 4000 sq. ft.; ASTM E 648.

Radiant Panel Test: Rating of 0.45 for corridors, circulation spaces, and rooms larger than 400 sq. ft.; ASTM E 648.

Tunnel Test: Maximum flame spread of 75, ASTM E 84.

Smoke Density Test: Density of 450 or less, NFPA No. 258.

HUD Certification: Comply with HUD "Use of Materials Bulletin" UM-44c, and carry current listing in HUD "Certified Products Directory".

Samples: Submit 18" x 27" samples of each required type, color, pattern and texture of carpet.

Carpet Manufacturer (Mill): Subject to compliance with requirements, provide carpet by one of the following:

Armstrong World Industries, Inc.
Bigelow-Sanford, Inc.
Collins and Aikman.
Couristan Inc.
Gulistan Carpet / J.P. stevens Co.
J. & J. Industries.
Karastan Rug Mills.
Lees Carpets / Div. Burlington Industries.
Millikin and Co.
Mohawk Carpet.
Stratton Industries.

Carpet Materials and Construction: As indicated on the drawings.

Style, Color, Pattern, Texture: As indicated on the drawings.

Miscellaneous Materials and Carpet Accessories: Provide only the items required for the type installation indicated on the drawings.

Carpet Cushion: Rippled-surface sponge rubber with top fabric/sheet, FS ZZ-C-00811; passing pill test, ASTM D 2859; 68 oz. per sq. yd., 0.44" thick, or approved equal.

Tackless Stripping: Water-resistant plywood of thickness matching cushion; narrow with 2 rows of pins, except wide with 3 rows where width of carpet exceeds 20'.

Nonmetallic Edge Guard: Black vinyl or rubber or size and profile indicated.

Installation Adhesive: Water-resistant carpet adhesive of type recommended by carpet-mill.

Seaming Cement: Hot-melt type recommended by mill.

Miscellaneous Materials: Adhesives, tapes, thread, nails, staples and similar products of type recommended by mill and installer.

installation of Carpeting:

Clean surfaces to be carpeted; scrape up cementitious and resinous deposits; vacuum; apply sealer on concrete surfaces, adequate to prevent dusting.

Pre-plan installation for uniform direction of pattern and lay of pile, and proper sequencing with other work. Locate seams properly, centered under doors and without seams in directions of traffic at doorways and similar traffic patterns. Do not bridge building expansion joints. Extend carpet under removable obstructions and into closets and alcoves.

Provide stretch-in-tackless installation, using glued and/or nailed tackless stripping with edges of carpet concealed at wall bases. Tape and/or sew seams, after buttering trimmed edges with seaming cement.

seams.

Stretch carpet both directions in accordance with mill's instructions; use power stretchers except where space is too small.

Provide glued-down installation by trimming and fitting carpet widths into each space prior to application of adhesive. Apply adhesive, butter cut edges with seaming cement, butt edges tightly together, and roll lightly.

Install edge guards at exposed edges, including building expansion joints (back-to-back edge guards). Bind edges with cloth tape and thread where not concealable.

On stairs and similar substrates, anchor carpet with concealed nailing or other secure method, without seams at high-wear locations.

Clean adhesive and cement from fact of carpet promptly; replace carpet which cannot be cleaned.

Save carpet scraps, defined as mill ends less than 9' long and pieces larger than 3 sq. ft. in area and wider than 8", and deliver to Owner's storage space as directed. Dispose of smaller pieces.

NOTE:
ONLY THOSE SPEC SECTIONS PERTAINING TO WORK SHOWN ON THE DWGS APPLY. DIVISION I APPLIES TO ALL PROJECTS.

ARCHITECTURAL NOTES

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NEW THREE-STORY STORAGE FACILTY

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PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010003.0

ISSUED FOR PERMIT

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
01/19/2024
REGISTERED ARCHITECT

ROBERT S. LEWIS
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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-004

Vacuum completed carpet installation with beater-in-nozzle type commercial vacuum cleaner. Remove any protruding face yarn with sharp scissors.

Restretching: (For Pad Installation Only)

Return to installation at time convenient to Owner and occupants, approximately 6 months after occupancy, and restretch carpet to eliminate wrinkles. Repair faulty seams and other faults in installation.

END OF SECTION 09680

SECTION 09900 - PAINTING

Submittals: In addition to manufacturer's data, application instructions, and label analysis for each coating material, submit samples for Owner's review of color and texture only. Resubmit samples if requested until required sheen, color and texture is achieved.

Description of Work: Painting and finishing of interior and exterior items and surfaces, unless otherwise indicated.

Paint exposed surfaces, except as otherwise indicated, whether or not colors are designated. If not designated, colors will be selected by Owner from standard colors available for the coatings required.

Work Not Included: Unless otherwise indicated, shop priming of ferrous metal items and fabricated components are included under their respective trades. Pre-finished items, such as metal toilet partitions, acoustic material and the like, are not included.

Unless otherwise indicated, painting not required on surfaces of concealed areas, equipment and other such items within concealed spaces. Finished metals such as anodized aluminum, stainless steel, bronze, and similar metals will not be painted. Do not paint any moving parts of operating units, or over any equipment identification, performance rating, name or nomenclature plates or code-required labels.

Delivery and Storage: Deliver materials to job site in new, original, and unopened containers bearing manufacturer's name, trade name, and label analysis. Store where indicated in accordance with manufacturer's instructions.

Job Conditions: Do not apply paint in snow, rain, fog or mist or when relative humidity exceeds 85%. Do not apply paint to damp or wet surfaces.

Protection: Protect work of other trades. Correct any painting related damages by cleaning, repairing or replacing, and refinishing, as directed by Architect.

Coordination: Provide finish coats which are compatible with prime paints used. Provide barrier coats over incompatible primers where required. Notify Architect in writing of anticipated problems using specified coatings with substrates primed by others.

Surface Preparation: Perform preparation and cleaning procedures in strict accordance with coating manufacturer's instructions for each substrate condition.

Remove hardware and accessories, machined surfaces, plates, lighting fixtures and similar items in place and not to be finish-painted or provide surface-applied protection. Reinstall removed items and remove protective coverings at completion of work.

Prepare cementitious surfaces: of concrete, concrete block and similar materials to be painted by removing efflorescence, chalk, dust, dirt, grease and oils, and by roughing to remove glaze. Determine alkalinity and moisture content of surfaces to be painted before beginning painting. Do not paint over surfaces where alkalinity or moisture content exceeds manufacturer's recommendations.

Seal wood: Required to be job-painted. Prime edges, ends, face undersides and packsides of counters, cases, cabinets, counters, etc. Use spar varnish for back priming where transparent finish is required.

Seal tops, bottoms, and cutouts of wood doors with heavy coat of varnish or similar sealer immediately upon delivery to job.

Clean ferrous surfaces which are not galvanized or shop-coated. Remove oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning. Touch-up shop-applied prime coats wherever damaged.

Clean galvanized surfaces free of oil and surface contaminants with non-petroleum based solvent.

Material Preparation: Mix, prepare, and store painting and finishing materials in accordance with manufacturer's directions.

Application:Apply painting and finishing materials in accordance with manufacturer's directions. Use applicators, and techniques best suited for materials and surfaces to which applied.

Apply additional coats when undercoats, stains or other conditions show through final paint coat, until paint film is of uniform finish, color and appearance.

Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before equipment is installed.

Paint interior surfaces of ducts, where visible through registers or grilles, flat, non-specular black.

Paint back sides of access panels, and removable or hinged covers to match exposed surfaces.

Finish exterior doors on tops, bottoms and edges same as exterior faces, unless otherwise indicated.

Sand lightly between exceeding enamel or varnish coats.

Omit first coat (primer) on metal surfaces which have been shop-primed and touch-up painted, unless otherwise specified.

Apply prime coat to material which is required to be painted or finished, and which has not been prime coated by others.

Apply each material at not less than manufacturer's recommended spreading rate, to provide a total dry film to thickness of not less than 4.0 mills for entire coating system of prime and finish coats for 3-coat work.

Provide a total dry film thickness of not less than 2.5 mills for entire coating system of prime and finish for coat 2-coat work

Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not in compliance with specified requirements.

END OF SECTION 09900

SECTION 09950 - WALL COVERINGS

Fire Hazard Classification:

Flame spread not more than 25.
Fuel contributed not more than 15.
Smoke developed not more than 25.

Samples: 3 full width samples, 3 sets of sample moldings.

Replacement Materials: 6 linear yards.

Certification: Submit manufacturer's certification that materials supplied for project comply with requirements specified.

Job Conditions: Maintain constant minimum temperature of 60 F (16 C) at areas of installation for at least 72 hours before and 48 hours after installation. Remove wrappings from wall coverings and allow to acclimatize to areas of installation for at least 24 hours before installation.

Wall coverings: Types as indicated on the drawings.

Accessory Items:

Adhesive/Primer/Sealer: as recommended by manufacturer of wall covering for use with particular substrate shown; mildew-resistant and non-staining to wall covering.

Release Coat: Oil base sealer or enamel undercoater for drywall.

Preparation:

Remove wall plates and surface-mounted fixtures in areas where wall covering to be installed.

Prime and seal substrates in accordance with wall covering manufacturer's instructions; apply release coat to gypsum drywall.

Test substrates for moisture; verify not more than 4%.

Installation:

Place wall covering panel consecutively in order cut from rolls; hang by reversing alternate strips except on match patterns.

Apply adhesive in accordance with manufacturer's recommendations; install seams plumb and not less than 6" from corners; horizontal seams not permitted.

Trim selvages as required to assure color uniformity and pattern match; overlap seams and double-cut for tight closure, unless otherwise recommended by manufacturer.

Install wall covering with intimate substrate bond, smooth, clean, and without wrinkles, gaps, and overlaps.

Remove excess adhesive promptly, using clean sponge and warm water; replace panels which cannot be completely cleaned.

Replace wall plates and fixtures removed to permit wall covering installation; verify cut edges of wall covering completely concealed.

END OF SECTION 09950

DIVISION 10 SPECIALTIES

SECTION 10160 - TOILET PARTITIONS

Submittals: Manufacturer's data and installation instructions.

Manufacturer: Provide metal toilet partitions as manufactured by on of the following:

Accurate Partitions Div., United States Gypsum Co.
All American Metal Corp.
American Sanitary Partition Corp.
Ampco Products Inc.
Flush-Metal Partition Corp.
General Partitions Mfg. Corp.
Global Steel Products Corp.
Knickerbocker Partition Corp.
Metpar Steel Products Corp.
Sanymetal Products Co.

Types and Finishes: As shown on the drawings.

Hardware and Accessories: Furnish for each door, as follows:

Hinges: Either surface-mounted or cutout inset type, adjustable to hold door open at any angle up to 90.

Latch and Keeper: Recessed latch unit, with combination rubber-faced door strike and keeper.

Coat Hook and Bumper: Manufacturer's standard unit, rubber-tipped.

Door Pulls: Manufacturer's standard.

Accessories:: All units chromium-plated finish, unless otherwise indicated. Apply the following accessories to panels and doors, one each compartment unless otherwise indicated.

Single roll toilet paper holder.

Grab bars at handicapped compartments, 1-1/2" o.d., knurled finish stainless steel.

Installation: Install partitions rigid, straight, plumb and level in accordance with manufacturer's printed instructions. Set units with not more than 1/2" between pilasters and panels, and not more than 1" clearances between panels and walls.

Hardware Adjustments Adjust and lubricate hardware for proper operation after installation.

the closed position when unlatched.

Set hinges on out-swing doors to return to fully closed position.

Wall-Mounted Screens: Attach with heavy-duty, concealed anchoring devices, including wall channels, wall plates and studs as recommended by manufacturer.

Cleaning and Final Adjustments: Perform final adjustments to leveling devices, door hardware, and other operating parts. Clean exposed surfaces and touch up minor finish imperfections using materials and methods recommended by partition manufacturer. least 24 hours before installation.

Replace damaged units which cannot be satisfactorily field repaired, as directed by Architect.

END OF SECTION 10160

SECTION 10800 - TOILET AND BATH ACCESSORIES

Submittals: Manufacturer's data and installation instructions.

Manufacturer: Provide toilet and bath accessories as manufactured by BOBRICK.

General: Provide toilet and bath accessories as indicated on the drawings. Install units at locations and heights as indicated, plumb and level, firmly anchored, in accordance with manufacturer's instructions.

END OF SECTION 10800

SECTION 10830 - MIRROR UNITS

Submittals: Manufacturer's product data and installation instructions.

Manufacturer: Subject to compliance with requirements, provide mirror units as manufactured by one of the following:

American Specialties, Inc.
Bobrick Washroom Equipment, Inc.
Bradley Corp.
Hallmack-NuTone/Div. Scovill

Materials:

Mirror Glass: 1/4" thick, Type I, Class 1, Quality q2, conforming to FS DD-G-451, with silvering, copper coating, and protective organic coating complying with FS DD-M-411.

Stainless Steel Framing: AISI Type 302/304, with polished No. 4 finish.

Fabrication:

Edge Protection: Fabricate frames for glass mirrors to accommodate wood, felt, plastic, or other glass edge protection material.

Backing: Provide mirror backing and support system which will permit rigid, tamperproof glass installation and prevent accumulation of moisture.

Hangers: Provide system of mounting mirror units which will permit rigid, tamperproof and theftproof installation.

Stainless Steel Framed Mirrors:

Standard Type: Fabricate frame with channel shapes of not less than 20 gage (.040"), with square corners mitered to hairline joints and mechanically interlocked. Provide in Type 430 brite polished finish.

Installation: Secure mirrors to walls in concealed tamperproof manner with special hangers, toggle bolts, or screws. Set units plumb, level, and square at locations indicated, in accordance with manufacturer's instructions for type of substrate involved.

Clean: exposed surfaces of mirror units in compliance with manufacturer's recommendations.

END OF SECTION 10830

DIVISION 11 EQUIPMENT
(NOT INCLUDED)

DIVISION 12 FURNISHINGS
(NOT INCLUDED)

DIVISION 13 SPECIAL CONSTRUCTION
(NOT INCLUDED)

DIVISION 14 CONVEYING SYSTEMS
(NOT INCLUDED)

DIVISION 15 MECHANICAL
(INCLUDED ON MECHANICAL DWGS.)

DIVISION 16 ELECTRICAL
(INCLUDED ON ELECTRICAL DWGS.)

NOTE:
ONLY THOSE SPEC SECTIONS PERTAINING TO WORK SHOWN ON THE DWGS APPLY. DIVISION I APPLIES TO ALL PROJECTS.

ARCHITECTURAL NOTES

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PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA
AR91402
1/19/2024
REGISTERED ARCHITECT

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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

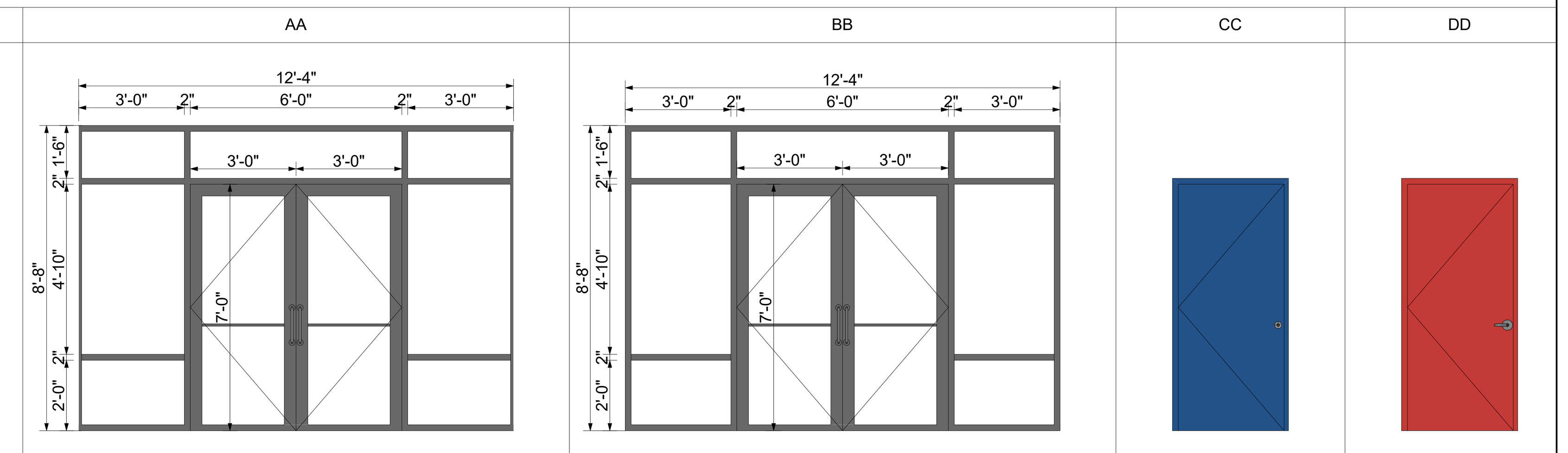
DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-005

DOOR SCHEDULE AND LEGEND

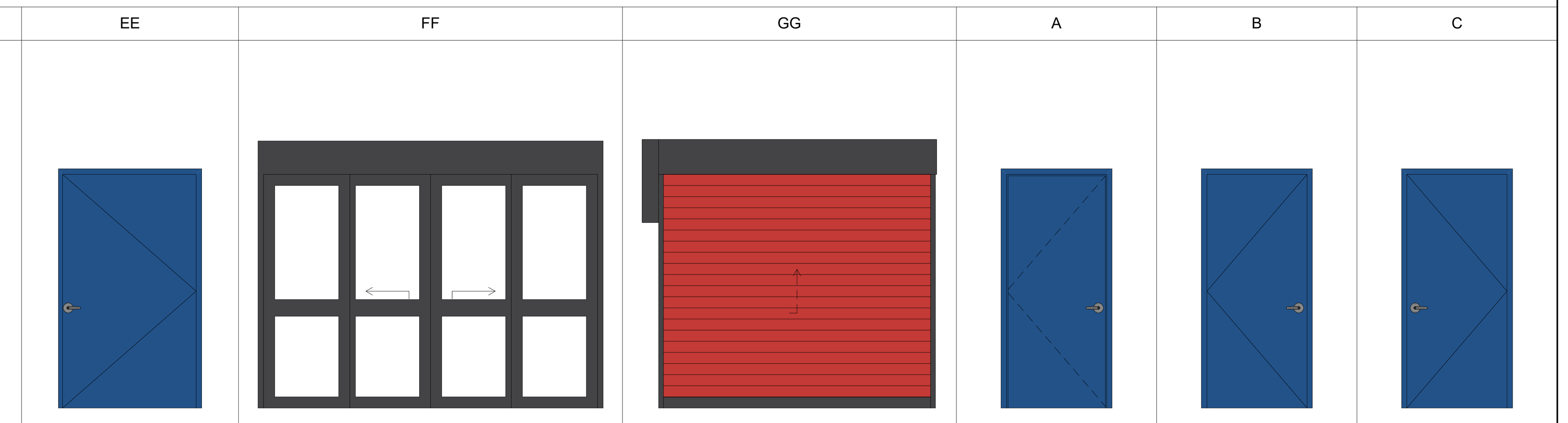
DOOR SCHEDULE

ID	DESCRIPTION	SIZE		TYPE	FRAME	HARDWARE	REMARKS
		WIDTH	HEIGHT				
AA	EXT. COMMERCIAL STOREFRONT WITH TRANSOM AND SIDELITES	6'-0"	7'-0"	T1	ALUMINUM	H2; H6	
BB	EXT. COMMERCIAL STOREFRONT WITH TRANSOM AND SIDELITES	6'-0"	7'-0"	T1	ALUMINUM	H2	
CC	EXT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H1; H4	1; 2; 4; 5; 6; 7; 13
DD	EXT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H4	1; 2; 4; 6; 7
EE	EXT. COMMERCIAL HOLLOW CORE	4'-0"	7'-0"	T2	METAL	H1; H4	1; 2; 4; 5; 6; 7
FF	EXT. COMMERCIAL AUTOMATIC SLIDING GLASS	10'-0"	7'-0"	T4	ALUMINUM		12; 13
GG	EXT. CORRUGATED 850 SERIES MINI ROLL UP	8'-0"	7'-0"	T6	ALUMINUM	H9	1; 8
A	INT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T3	METAL	H3	1
B	INT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H3	1; 4; 5; 6
C	INT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H3	1; 3
D	INT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H3	1; 6
E	INT. CORRUGATED SWING DOOR	3'-0"	7'-0"	T7	ALUMINUM	H9	1
F	INT. CORRUGATED 650 SERIES MINI ROLL UP	3'-0"	7'-0"	T6	ALUMINUM	H8; H9	1; 8
G	INT. CORRUGATED 650 SERIES MINI ROLL UP	4'-0"	7'-0"	T6	ALUMINUM	H8	1; 8
H	INT. CORRUGATED 650 SERIES MINI ROLL UP	8'-0"	7'-0"	T6	ALUMINUM	H8; H9	1; 8
I	INT. COMMERCIAL HOLLOW CORE	3'-0"	7'-0"	T2	METAL	H3	11; 13
J	INT. COMMERCIAL AUTOMATIC SLIDING GLASS	8'-0"	7'-0"	T4	ALUMINUM		1; 12
K	INT. SLIDING MTL. ELEVATOR DOOR	4'-0"	7'-0"	T5	METAL		
L	INT. CORRUGATED SWING DOOR	1'-4"	7'-0"	T7	ALUMINUM	H9	1

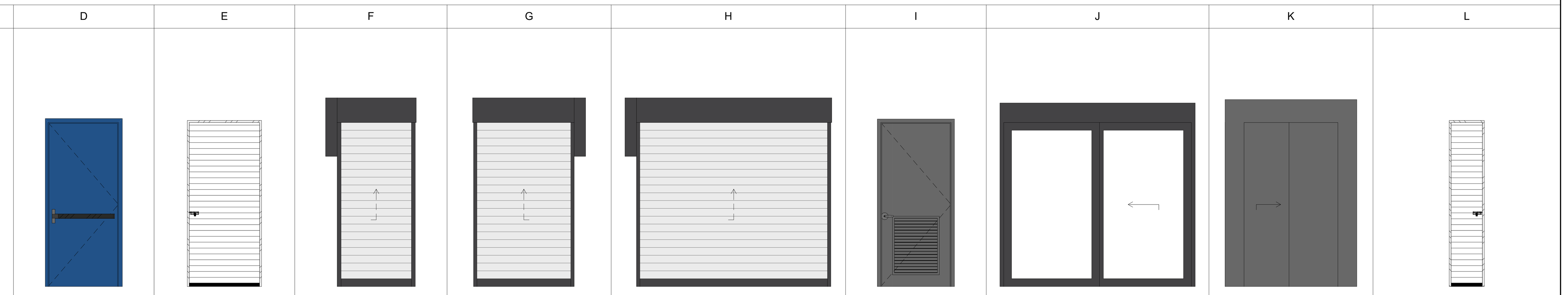
DOOR LEGEND

ID	AA	BB	CC	DD
VIEW				
SIZE	6'-0"×7'-0"	6'-0"×7'-0"	3'-0"×7'-0"	3'-0"×7'-0"
DESCRIPTION	EXT. COMMERCIAL STOREFRONT WITH TRANSOM AND SIDELITES	EXT. COMMERCIAL STOREFRONT WITH TRANSOM AND SIDELITES	EXT. COMMERCIAL HOLLOW CORE	EXT. COMMERCIAL HOLLOW CORE

DOOR LEGEND

ID	EE	FF	GG	A	B	C
VIEW						
SIZE	4'-0"×7'-0"	10'-0"×7'-0"	8'-0"×7'-0"	3'-0"×7'-0"	3'-0"×7'-0"	3'-0"×7'-0"
DESCRIPTION	EXT. COMMERCIAL HOLLOW CORE	EXT. COMMERCIAL AUTOMATIC SLIDING GLASS	EXT. CORRUGATED 850 SERIES MINI ROLL UP	INT. COMMERCIAL HOLLOW CORE	INT. COMMERCIAL HOLLOW CORE	INT. COMMERCIAL HOLLOW CORE

DOOR LEGEND

ID	D	E	F	G	H	I	J	K	L
VIEW									
SIZE	3'-0"×7'-0"	3'-0"×7'-0"	3'-0"×7'-0"	4'-0"×7'-0"	8'-0"×7'-0"	3'-0"×7'-0"	8'-0"×7'-0"	4'-0"×7'-0"	1'-4"×7'-0"
DESCRIPTION	INT. COMMERCIAL HOLLOW CORE	INT. CORRUGATED SWING DOOR	INT. CORRUGATED 650 SERIES MINI ROLL UP	INT. CORRUGATED 650 SERIES MINI ROLL UP	INT. CORRUGATED 650 SERIES MINI ROLL UP	INT. COMMERCIAL HOLLOW CORE	INT. COMMERCIAL AUTOMATIC SLIDING GLASS	INT. SLIDING MTL. ELEVATOR DOOR	INT. CORRUGATED SWING DOOR

DOOR TYPES:

T1 : COMMERCIAL STOREFRONT - ALUMINUM/GLASS (ALUMINUM FINISH TYPICAL UNLESS NOTED OTHERWISE)
T2 : COMMERCIAL HOLLOW CORE METAL DOOR - 18 GA, A40 GALVANEAL, HONEYCOMB CORE (TYPICAL UNLESS NOTED OTHERWISE)
T3 : COMMERCIAL SOLID CORE WOOD DOOR - MDF CORE, CLEAR HARDWOOD LAMINATED FACE
T4 : COMMERCIAL AUTOMATIC SLIDING GLASS DOOR
T5 : COMMERCIAL SLIDING ELEVATOR MTL. DOOR (TYPICAL UNLESS NOTED OTHERWISE)
T6 : STORAGE UNIT - METAL, ROLL-UP DOOR
T7 : STORAGE UNIT - METAL, SWINGING DOOR

HARDWARE:

H1 : FIRE EXIT DEVICE 25-R W/ LEVER, CLOSER SC71A SS 689, KICK PLATE, HINGES MPB99 X NRP 4.5 X 4.5 US32D
H2 : MORTISE CYLINDER, DEADBOLT, INDICATOR, DEADBOLT LEVER, PUSH/PULL BAR, DOOR CLOSER, CONTINUOUS HINGE
H3 : PRIVACY LOCK SET T301 D DANE, DOOR STOP, KICK PLATE, DOOR CLOSER, SILENCERS, HINGES MPB99 X NRP 4.5 X 4.5 US32D
H4 : CYLINDER AS REQUIRED 951 OR 985 US26D "G" KEYWAY *(BALANCE OF HARDWARE BY DOOR SUPPLIER)*
H5 : STOREROOM LOCK SET T581 D DANE, KICK PLATE, DOOR STOP, SILENCERS, HINGES MPB99 X NRP 4.5 X 4.5 US32D
H6 : MAIL SLOT
H7 : EXISTING, RE-KEY ALIKE
H8 : MANUFACTURER PACKAGE----MFR. PROVIDED HARDWARE
H9 : NYLON ROPE PULL WITH LOOP (*ACCESSIBLE HARDWARE - FOR DESIGNATED UNITS MARKED WITH HANDICAP SIGN*)

GENERAL NOTES:

1. INTERIOR HOLLOW METAL DOOR FRAMES SHALL BE 18 GA COLD ROLLED STEEL, KNOCK DOWN TYPE WITH SLIP RESILIENT BUMPERS. FRAME SHALL BE FACTORY PRIMED THEN PAINTED WITH SHERWIN WILLIAMS INTERIOR SUPER PAINT (SEMI-GLOSS) MIN 2 COATS. PROVIDE MIN (4) 18 GA ANCHORS PER JAMB. DOOR TO BE FACTORY APPLIED GRADE "A" PRE-FINISHED VENEER.

2. EXTERIOR HOLLOW METAL DOOR FRAMES SHALL BE 16 GA HOT DIPPED GALV. STEEL, FULLY WELDED WITH MIN (4) GALV REDHEAD TYPE CONCRETE ANCHORS PER EACH JAMB SIDE. FRAME SHALL BE FACTORY PRIMED, THEN PAINTED WITH MIN (2) COATS SHERWIN-WILLIAMS A-100 EXTERIOR GRADE PAINT (SEMI-GLOSS).

3. WHERE NEW STOREFRONT DOORS ARE INSTALLED, G.C TO INSTALL CODE REQUIRED TEMPERED SIDE LITE OR TEMPERED KICK PANEL AS MATCHES APPLICABLE BUILDING CODES. AS PROJECT IS IN WINDBORNE DEBRIS REGION, ALL EXTERIOR DOORS SHALL BE IMPACT RATED AND DESIGN PRESSURES SHALL BE CALCULATED USING "C" EXPOSURE.

4. ALL INTERIOR HARDWARE SHALL BE EITHER BRUSHED ALUMINUM OR ANTIQUE BRONZE. G.C. TO VERIFY SELECTIONS WITH OWNER PRIOR TO ORDERING AND INSTALLING DOORS.

5. ALL LOCKSETS AND LATCH SET SHALL BE LEVER TYPE, ***(INSTALL ACCESSIBLE HARDWARE).***

6. ALL DESIGNATED ACCESSIBLE UNITS TO RECEIVE NYLON ROPE PULL WITH LOOP LARGE ENOUGH FOR A FIST. INSTALL ROPE ON THE BOTTOM BAR WHICH HANGS 15" - 48" WHEN DOOR IS OPEN. DOOR MUST BE TENSIONED AT 5LBS. MAXIMUM FORCE AS IT PERTAINS TO THE CONTINUOUS APPLICATION OF FORCE NECESSARY TO FULLY OPEN DOOR, ***(SEE PAGE A-006.1 FOR MORE DETAILS)***

7. FOR EXTERIOR AUTOMATIC SLIDING GLASS DOORS WILL BE THE DURA-STORM, ***(SEE N.O.A. FOR MORE INFO).*** FOR INTERIOR AUTOMATIC SLIDING GLASS DOORS WILL BE THE DURA-GUARD, ***(SEE SPECIFICATIONS MANUAL FOR MORE INFO).***

REMARKS:

1 : PAINT DOOR AND FRAME
2 : INSTALL THRESHOLD, WEATHER STRIPPING, AND DOOR SWEEP
3 : TENANT TO SUPPLY AND INSTALL CODE APPROVED ADA SIGNAGE
4 : G.C. TO PROVIDE FIRE/PANIC DEVICE AND HARDWARE
5 : FIRE/PANIC EXIT DEVICE TO HAVE AUDIBLE ALARM
6 : 90 MINUTE FIRE-RATED, LARGE MISSILE IMPACT-RATED
7 : THRESHOLD SHALL MEET ACCESSIBILITY REQUIREMENTS
8 : ROLL UP DOORS *(SEE PAGE A-006.2 FOR MORE DETAILS)*
9 : FIRE-RATED INSULATED GLASS OPTION
10 : TINTED GLASS, BLACKED OUT
11 : LOUVERED VENT OPTION
12 : PUSH OUT OPTION IN THE EVENT THERE IS A POWER OUTAGE
13 : EXIT ONLY OPTION

DOOR SOURCES:

STEEL DOORS:

1. AMWELD BUILDING PRODUCTS, LLC
2. BENCHMARK DOORS
3. CECO DOOR PRODUCTS
4. CURRIES COMPANY
5. DEANSTEEL MANUFACTURING, INC
6. FLEMING DOOR PRODUCTS, LTD
7. KEWANEE CORPORATION
8. MESKER DOOR, INC
9. PIONEER INDUSTRIES, INC
10. REPUBLIC BUILDERS PRODUCTS
11. STEELCRAFT

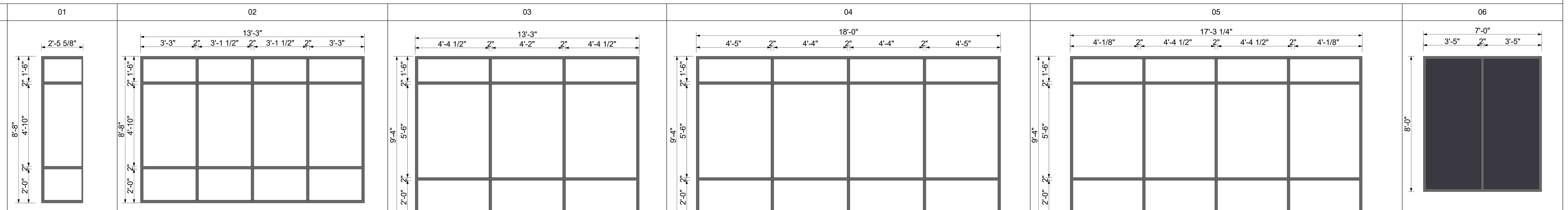
NOTES:

FIELD VERIFY ALL ROUGH OPENINGS!

ALL DOORS AND WINDOWS SHGC AND U-VALUE TO BE LESS THAN OR EQUAL TO VALUE STATED IN EPL REPORT.

WINDOW SCHEDULE AND LEGEND

WINDOW LEGEND

ID	01	02	03	04	05	06
VIEW						
SIZE	2'-5 5/8"×8'-8"	13'-3"×8'-8"	13'-3"×9'-4"	18'-0"×9'-4"	17'-3 1/4"×9'-4"	7'-0"×8'-0"
DESCRIPTION	EXT. COMMERCIAL STOREFRONT	EXT. COMMERCIAL STOREFRONT	EXT. COMMERCIAL STOREFRONT	EXT. COMMERCIAL STOREFRONT	EXT. COMMERCIAL STOREFRONT	EXT. COMMERCIAL STOREFRONT

WINDOW SCHEDULE

ID	DESCRIPTION	SIZE		FRAME	REMARKS
		WIDTH	HEIGHT		
01	EXT. COMMERCIAL STOREFRONT	2'-5 5/8"	8'-8"	ALUMINUM	
02	EXT. COMMERCIAL STOREFRONT	13'-3"	8'-8"	ALUMINUM	
03	EXT. COMMERCIAL STOREFRONT	13'-3"	9'-4"	ALUMINUM	
04	EXT. COMMERCIAL STOREFRONT	18'-0"	9'-4"	ALUMINUM	
05	EXT. COMMERCIAL STOREFRONT	17'-3 1/4"	9'-4"	ALUMINUM	
06	EXT. COMMERCIAL STOREFRONT	7'-0"	8'-0"	ALUMINUM	10

NOTES:

FIELD VERIFY ALL ROUGH OPENINGS!

ALL DOORS AND WINDOWS SHGC AND U-VALUE TO BE LESS THAN OR EQUAL TO VALUE STATED IN EPL REPORT.

SCHEDULES, LEGENDS

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NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA ROBERT S. LEWIS AR91402 REGISTERED ARCHITECT
01/19/2024

ROBERT S. LEWIS
AR91402/ AA #26003565
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E: robert@gdcflorida.com

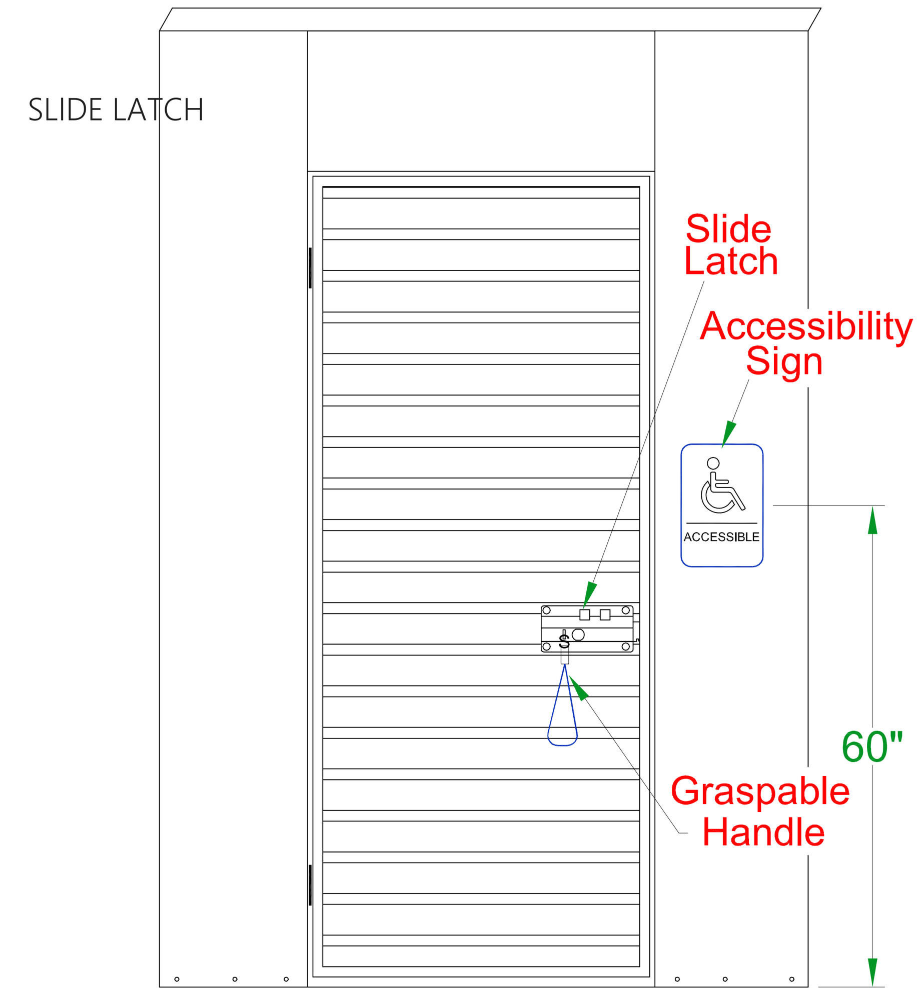
REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

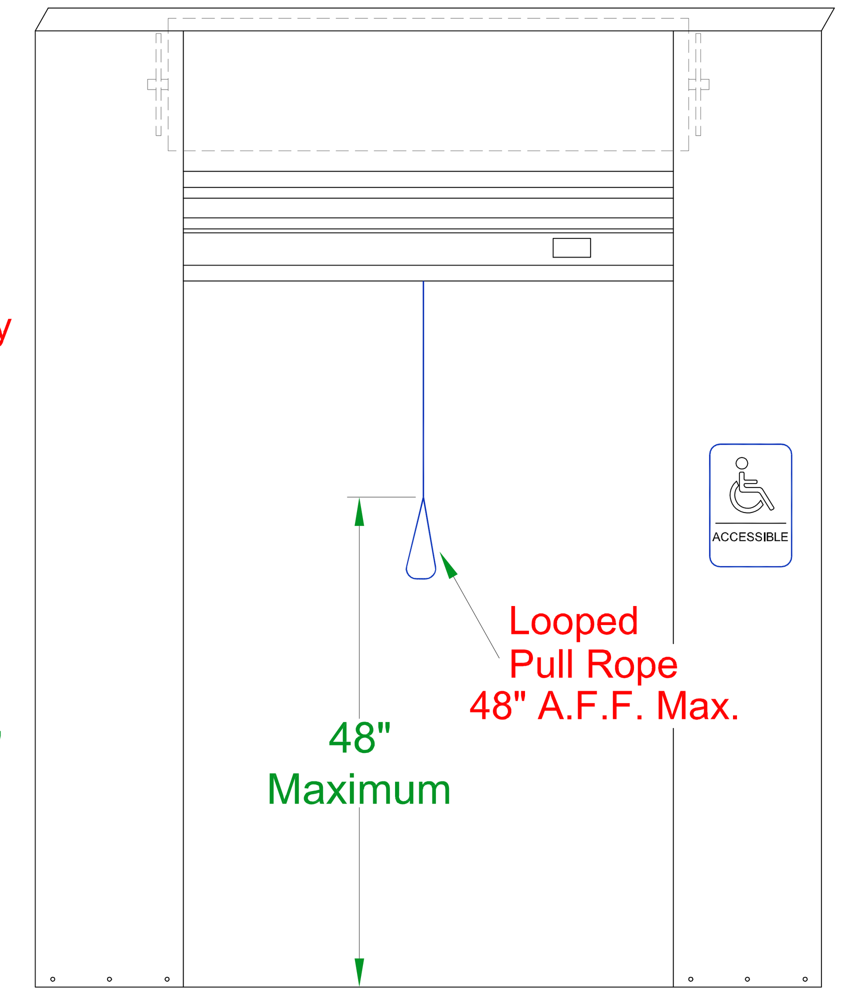
DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-006

ALL ACCESSIBLE DOORS SHALL REQUIRE A MAXIMUM OF 5 LBS OF FORCE TO OPEN AND CLOSE

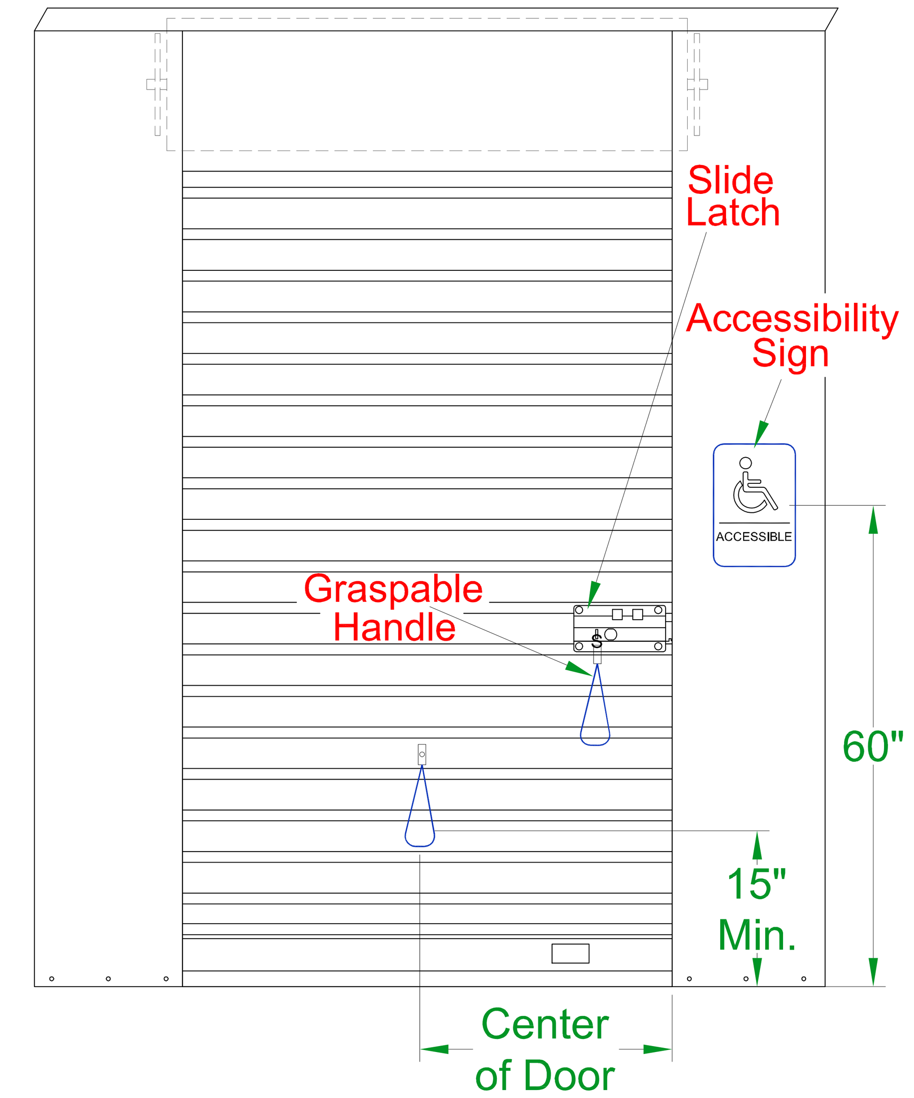
NOTE: ACCESSIBLE SIGNAGE W/ BRAIL TO BE MOUNTED AT 48" MIN. TO 60" MAX TO CENTER OF SIGN



SWING DOOR
Front Elevation



OPEN ROLL-UP DOOR
Front Elevation



CLOSED ROLL-UP DOOR
Front Elevation

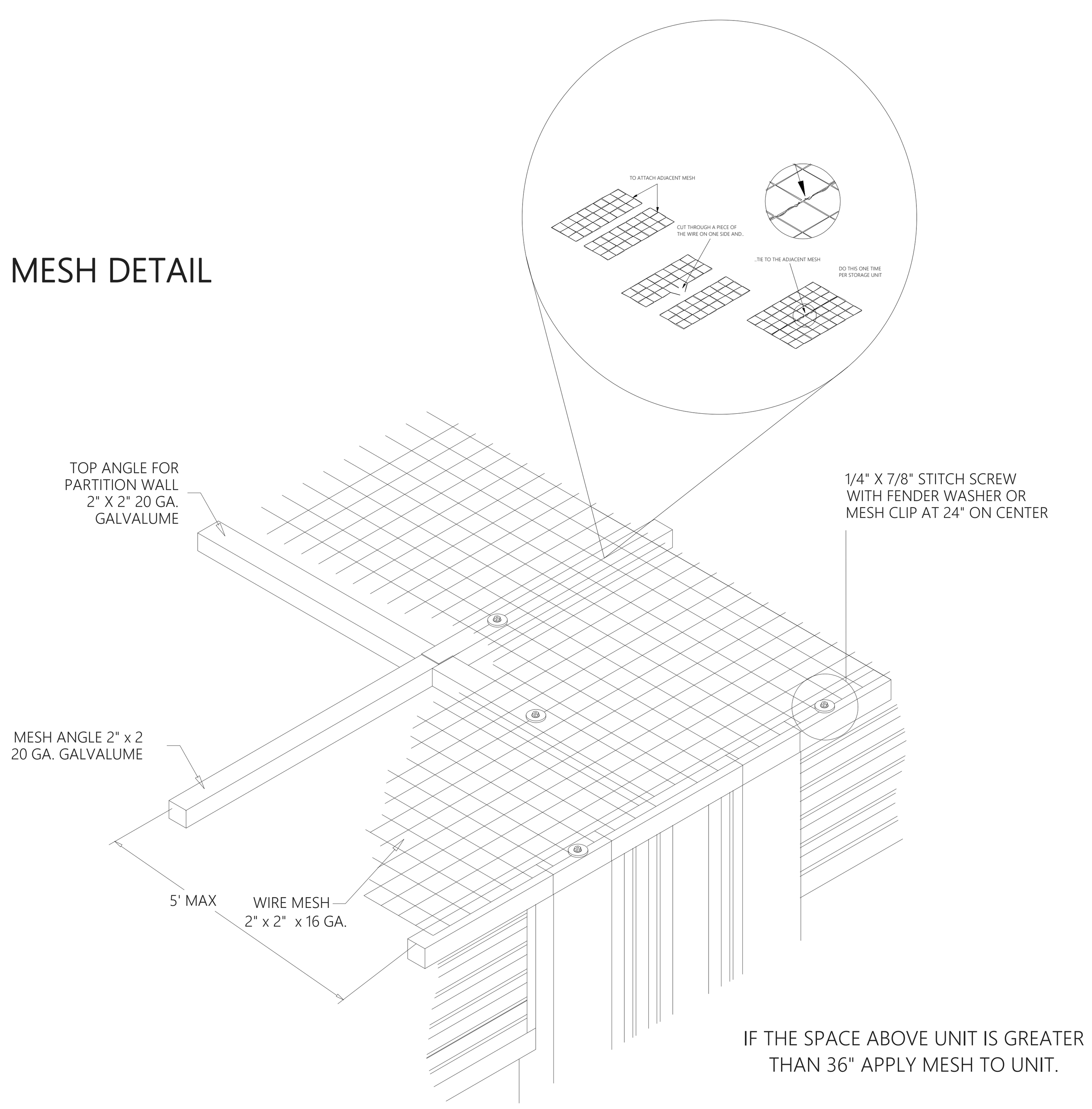
Typical items required for Swing Door unit

- 12" Nylon Strap with 'S' Hook for Latch Slide.
- Accessibility Sign.

Typical items required for Roll-up unit

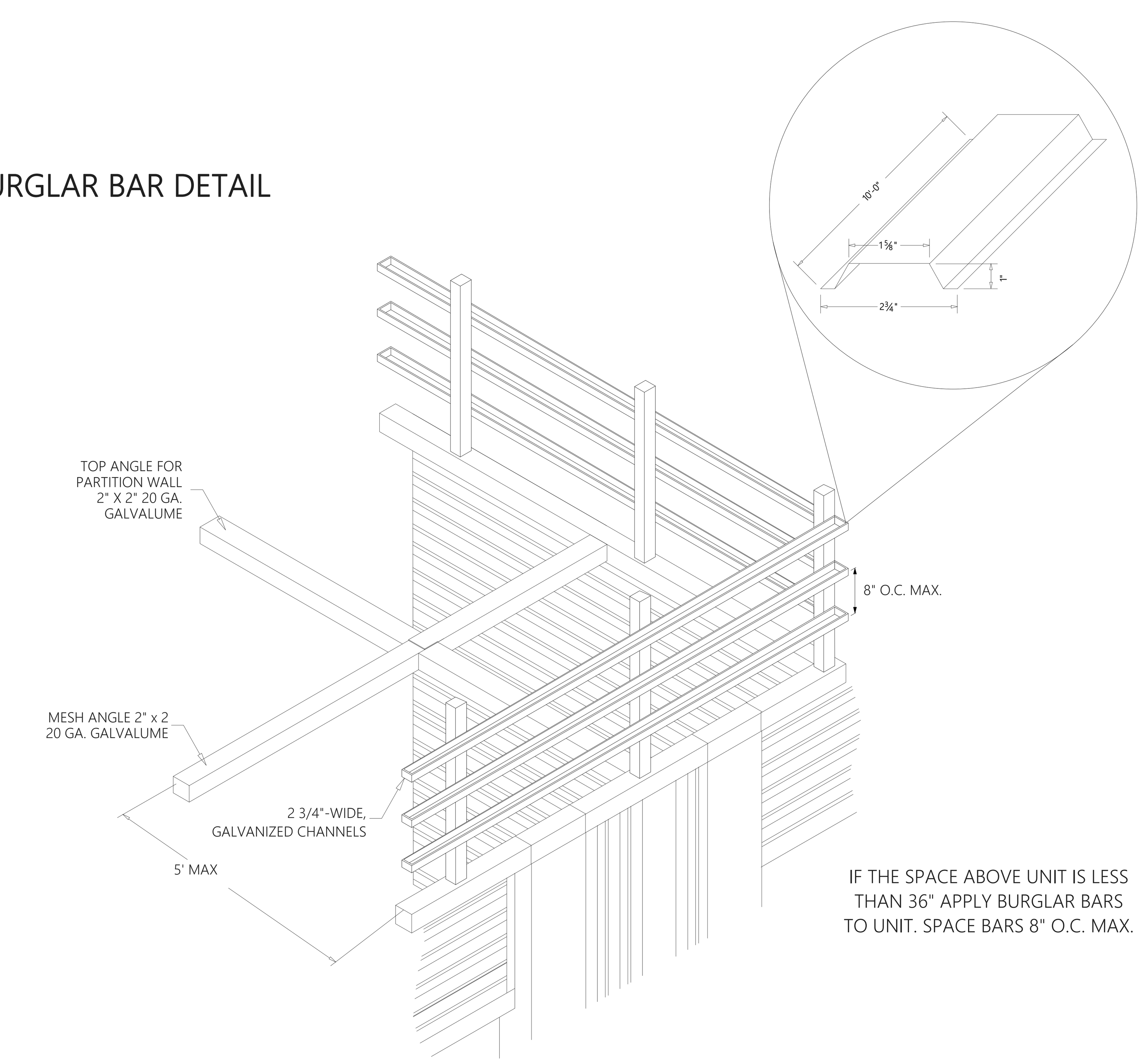
- 12" Nylon Strap with 'S' Hook for Latch Slide.
- 12" Nylon Strap for graspable handle on front of door.
- 48" Hanging Strap for graspable pull rope.
- Attachment Hardware.
- Accessibility Sign.

MESH DETAIL



IF THE SPACE ABOVE UNIT IS GREATER THAN 36" APPLY MESH TO UNIT.

BURGLAR BAR DETAIL



IF THE SPACE ABOVE UNIT IS LESS THAN 36" APPLY BURGLAR BARS TO UNIT. SPACE BARS 8" O.C. MAX.

JANUS SHOP DRAWINGS

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ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

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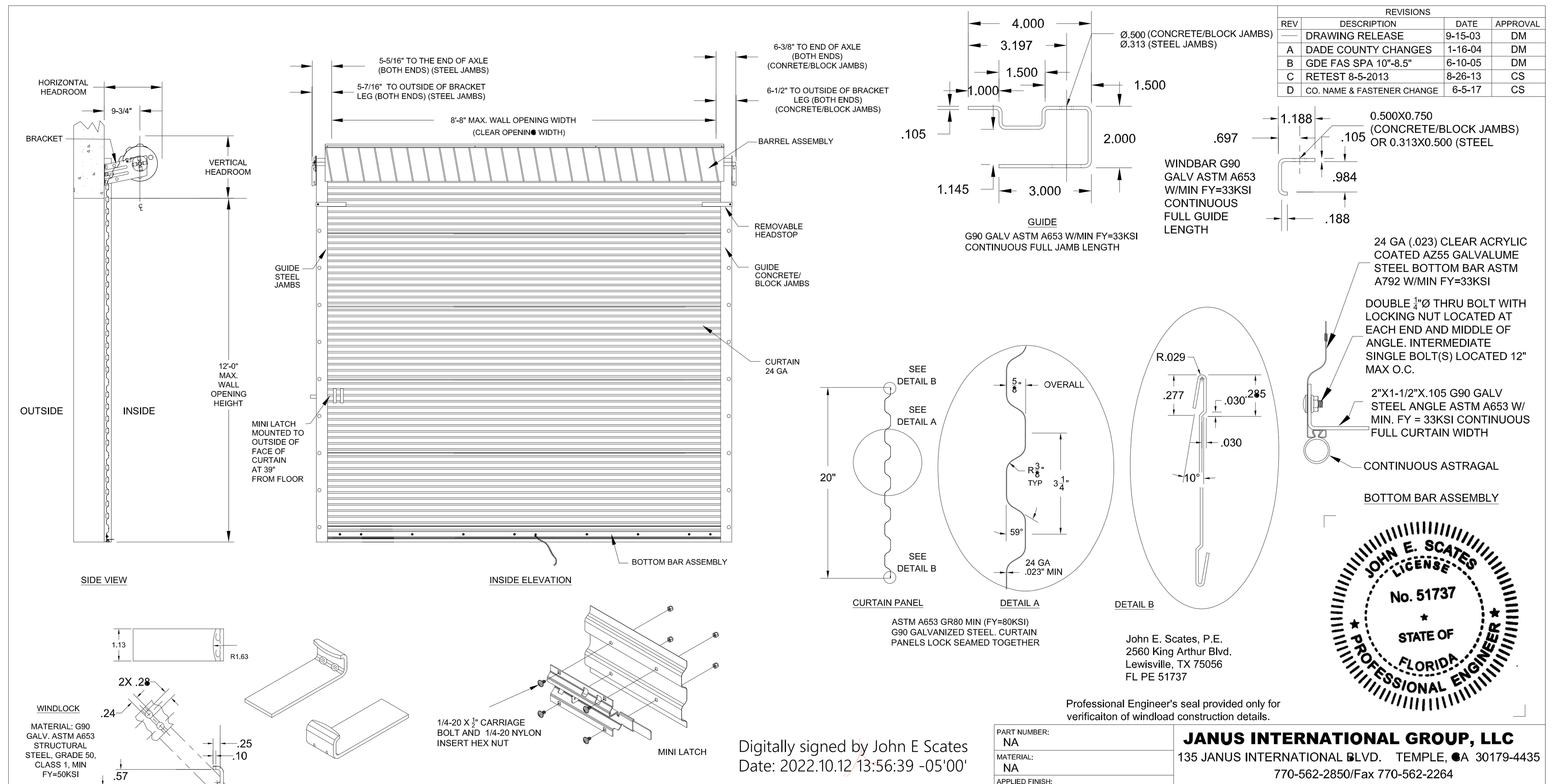
DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-006.1

GDC | ARCHITECTS - ENGINEERS • OKEECHOBEE, FL 34972 • 1/12/2024 1:16 PM



SEE SHEET 2 FOR NOTES

HEADROOM REQUIRED

OPENING HEIGHT	VERTICAL HEADROOM	HORIZONTAL HEADROOM
THRU 7'-4"	15-1/2"	17-1/2"
OVER 7'-4" THRU 8'-8"	16"	18"
OVER 8'-8" THRU 10'-0"	17"	18-1/4"

Digitally signed by John E Scates
Date: 2022.10.12 13:56:39 -05'00'

John E. Scates, P.E.
2560 King Arthur Blvd.
Lewisville, TX 75056
FL PE 51737

Professional Engineer's seal provided only for verificaiton of windload construction details.

REV	DESCRIPTION	DATE	APPROVAL
	DRAWING RELEASE	9-15-03	DM
A	DADE COUNTY CHANGES	1-16-04	DM
B	GDE FAS SPA 10"-8.5"	6-10-05	DM
C	RETEST 8-5-2013	8-26-13	CS
D	CO. NAME & FASTENER CHANGE	6-5-17	CS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

DECIMAL	FRACTIONS	ANGLES	HOLE DIAMETERS
.XX ± 0.03	± 1/16	± 0° 30'	UNDER .251 +.004 -.003
.XXX ± 0.005			0.251 to 0.500 +.006 -.003
			OVER 0.500 +.008 -.003

PART NUMBER: NA
MATERIAL: NA
APPLIED FINISH: NA
UNIT OF MEASURE: NA

APPROVALS	DATE
DRAWN: BECKY NELSON	7-25-03
CHECKED: DON MILLS	9-15-03
APPROVED: DON MILLS	9-15-03

JANUS INTERNATIONAL GROUP, LLC
135 JANUS INTERNATIONAL BLVD. TEMPLE, GA 30179-4435
770-562-2850/Fax 770-562-2264
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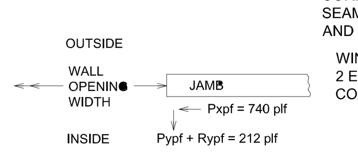
DADE COUNTY MINI DOOR SERIES 650
MAX. SIZE 8'-8" X 12'-0"

SIZE: B | DRAWING NUMBER: T1006 | REV: D
SCALE: NONE | SHEET: 1 OF: 2

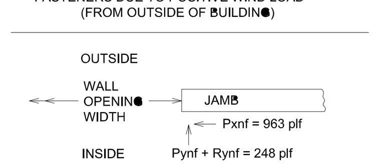
"Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies."

GENERAL NOTES

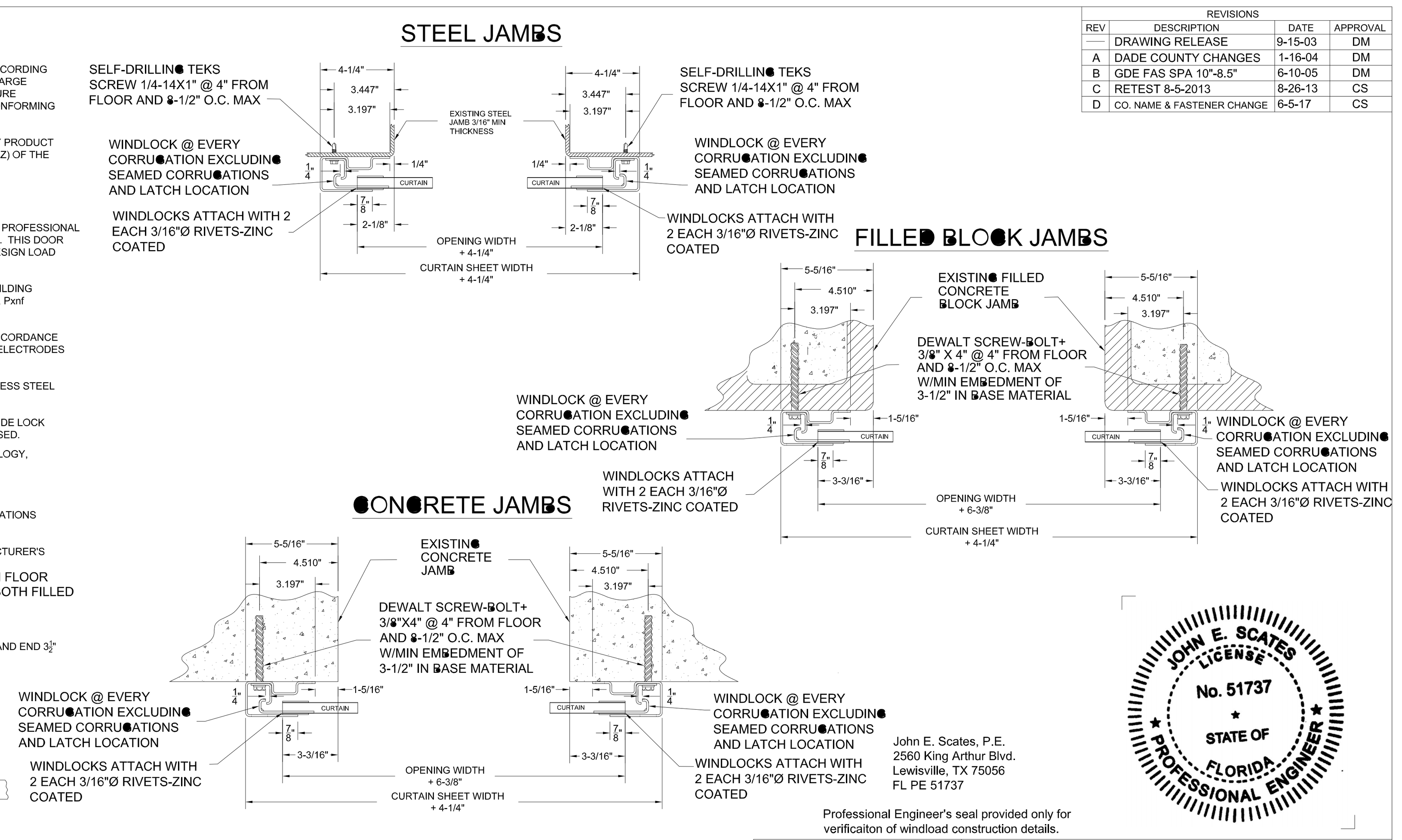
1. THIS ROLL-UP DOOR SYSTEM HAS BEEN SUCCESSFULLY TESTED ACCORDING TO THE UNIFORM STATIC AIR PRESSURE TEST PER TAS 202-94, THE LARGE MISSILE IMPACT TEST PER TAS 201-94 AND THE CYCLIC WIND PRESSURE LOADING TEST PER TAS 203-94, IN AN INDEPENDENT TESTING LAB CONFORMING TO TAS 301-94.
2. THE DOOR IS DESIGNED TO COMPLY WITH THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE.
3. DESIGN LOAD RATING = +46.0 PSF POSITIVE WIND LOAD
   -54.0 PSF NEGATIVE WIND LOAD
4. WIND LOADS FOR BUILDING OPENINGS SHALL BE DETERMINED BY A PROFESSIONAL ENGINEER USING APPROPRIATE WIND SPEED AND DESIGN CRITERIA. THIS DOOR MAY BE USED WHERE ITS DESIGN LOAD MEETS OR EXCEEDS THE DESIGN LOAD REQUIRED FOR THE BUILDING OPENING.
5. THE BUILDING ENGINEER SHALL VERIFY THE ADEQUACY OF THE BUILDING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS Pxpf, Pypf + Rypf, Pxnf and Pynf + Rynf.
6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH THE LATEST EDITION OF AWS SPECIFICATIONS. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1, GRADE E-70.
7. ALL BOLTS AND WASHERS SHALL BE GALVANIZED STEEL OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
8. DOORS SHALL BE PROVIDED WITH A SINGLE CURTAIN MOUNTED SLIDE LOCK LATCH THAT ENGAGES THE DOOR GUIDE WHEN DOOR IS FULLY CLOSED.
9. DOOR ASSEMBLY DESIGN BASED ON ELEMENT MATERIALS TECHNOLOGY, TEST REPORT NO. ESP013417P
10. ANCHOR NOTES:
    A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
    B. FOR HOLLOW MASONRY BLOCK, FILL ALL CELLS AT ANCHOR LOCATIONS WITH MINIMUM 2000 PSI GROUT.
    C. CONCRETE JAMBS TO BE MINIMUM 2500 PSI.
    D. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
    E. ALTERNATE FASTENER: HILTI HUS-EZ 3/8" X 4" @ 4" FROM FLOOR AND 8-1/2" O.C. MAX W/MIN EMBEDMENT OF 3-1/2" IN BOTH FILLED CONCRETE BLOCK AND CONCRETE.
11. GUIDE TO JAMB ATTACHMENT FASTENERS BEGIN 4" FROM FLOOR AND END $3\frac{1}{2}$" BELOW TOP OF WALL OPENING.
12. TEST DOOR WALL OPENING SIZE: 8'-8" X 8'-0".



FORCES ON GUIDE TO JAMB ATTACHMENT FASTENERS DUE TO POSITIVE WIND LOAD (FROM OUTSIDE OF BUILDING)



FORCES ON GUIDE TO JAMB ATTACHMENT FASTENERS DUE TO NEGATIVE WIND LOAD (FROM INSIDE OF BUILDING)



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DADE COUNTY MINI DOOR SERIES 650
MAX. SIZE 8'-8" X 12'-0"

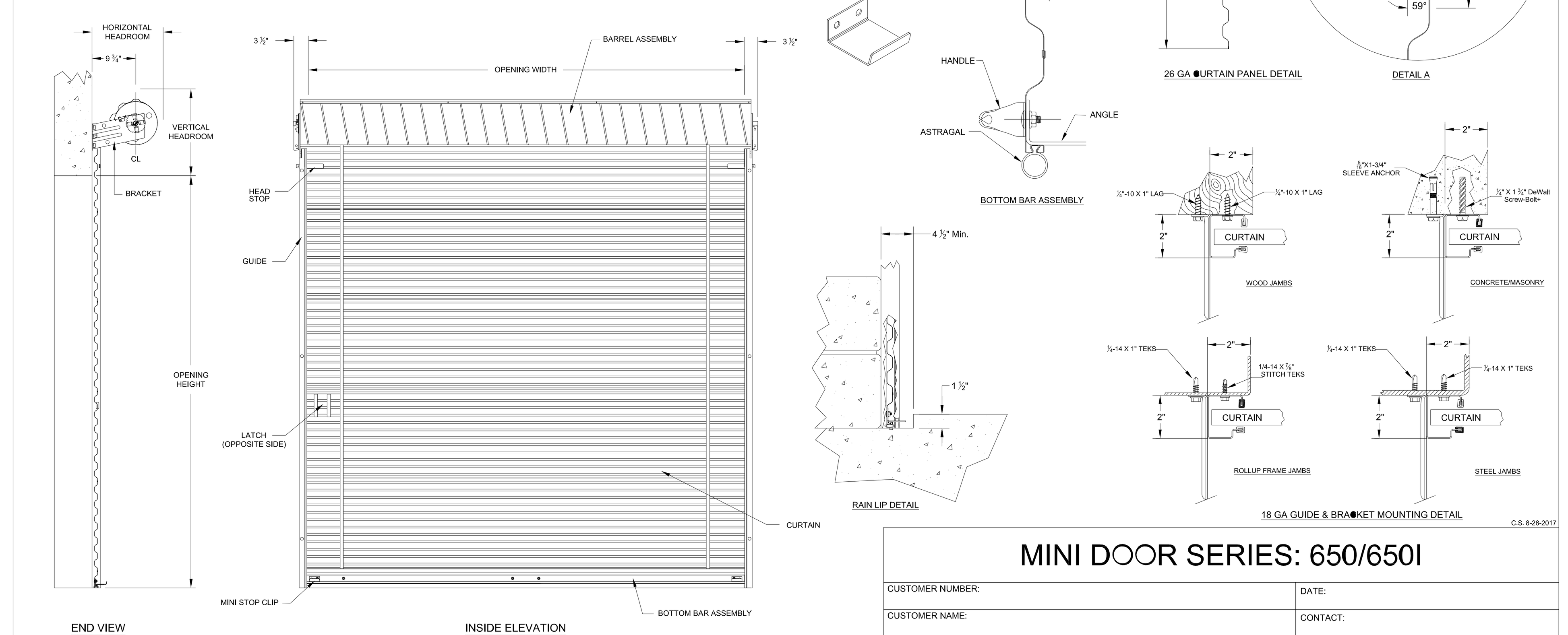
SIZE: B | DRAWING NUMBER: T1006 | REV: D
SCALE: NONE | SHEET: 2 OF: 2

HEADROOM REQUIRED

OPENING HEIGHT	VERTICAL HEADROOM	HORIZONTAL HEADROOM
THRU 7'-4"	15 ½"	17"
OVER 7'-4" THRU 8'-8"	16"	17 ½"
OVER 8'-8" THRU 10'-0"	17"	18 ½"

NOTES:

1. OPERATION TYPE MAY BE PUSH-UP OR RIGHT HAND INTERNAL ELECTRIC.
2. FOR CRITICAL FITS DUE TO REDUCED AVAILABLE HEADROOM OR SIDEROOM CLEARANCES, CONSULT FACTORY.
3. CLEARANCES SHOWN ARE MAXIMUMS. LESSER CLEARANCES MAY BE POSSIBLE.
4. UNLESS OTHERWISE NOTED, LOCKING SHALL BE BY SINGLE MINI SLIDE LATCH BOLTED TO CURTAIN AND SUITABLE FOR DOUBLE PADLOCKS AND SINGLE CYLINDER LOCK BY OTHERS.
5. LATCH COVER IS YELLOW ZINC (STAINLESS STEEL OPTIONAL) AND SLIDE IS MAGNETIC STAINLESS.
6. SERIES 650I IS AN INSULATED SERIES 650.
7. CURTAIN FINISH SHALL BE SILICONE POLYESTER PRE-PAINT OVER GALVANIZED GRADE 80 STEEL.
8. GUIDES, BRACKETS, BOTTOM BAR ANGLE AND HEAD STOPS ARE ZINC COATED.
9. MAXIMUM OPENING SIZE: 10'-0" X 10'-0".



MINI DOOR SERIES: 650/650I

FACTORY ORDER NUMBER	DOOR SERIES 650	DOOR SERIES 650I	QTY	OPENING SIZE WIDTH	OPENING SIZE HEIGHT	JAMB TYPE STEEL	JAMB TYPE CONC/ MAS	JAMB TYPE WOOD	OUTSIDE CURTAIN COLOR	OPERATION PUSH UP	OPERATION REDUCED CHAIN	OPERATION ELECTRIC	OPERATION HAND	WEATHERSTRIP TOP	WEATHERSTRIP HEADER	WEATHERSTRIP SIDE	ADDED OPTIONS

CUSTOMER NUMBER: | DATE:
CUSTOMER NAME: | CONTACT:
PROJECT NAME:
PROJECT LOCATION:
PLANT: | SALESPERSON:
DRAWN BY: | DATE:
DRAWING NUMBER: | SHT: | OF:

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WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILITY
STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010003.0

ISSUED FOR PERMIT

LIABILITY NOTE

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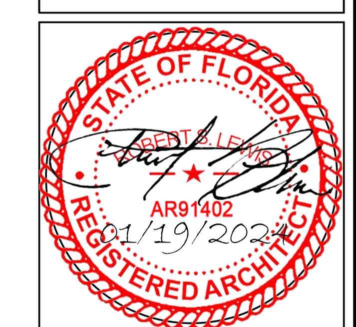

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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-006.2

JANUS SHOP DRAWINGS CONT.

FINISH SCHEDULE

ROOM FINISH SCHEDULE

RM #	ROOM NAME	FLOOR: FLOORING	FLOOR: BASEBOARD	WALL	CLG. HGHT.	CEILING	REMARKS
FIRST STORY							
101	OFFICE	CONCRETE (CURED, SEALED AND POLISHED)	VINYL BASE: TRADITIONAL 6"	EGGSHELL PAINT, SW 7007 CEILING BRIGHT WHITE	9'-0"	(1") 2' X 2' TRACK SYSTEM	
102	BACKROOM	CONCRETE (CURED, SEALED AND POLISHED)	VINYL BASE: TRADITIONAL 6"	EGGSHELL PAINT, SW 7007 CEILING BRIGHT WHITE	9'-0"	ACOUSTICAL CEILING TILE	
103	MECH.	UNFINISHED CONCRETE	NONE	EGGSHELL PAINT, SW 7007 CEILING BRIGHT WHITE	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
104	PUBLIC RESTROOM #1	CONCRETE (CURED, SEALED AND POLISHED)	NONE	F.R.P. BOARD (A.T.F.-CENTRAL PARK ALABASTER WITH ACCENT)	8'-0"	ACOUSTICAL CEILING TILE (MOLD RESISTANT)	F.R.P. BOARD GOES ALL THE WAY TO THE CEILING
105	PUBLIC RESTROOM #2	CONCRETE (CURED, SEALED AND POLISHED)	NONE	F.R.P. BOARD (A.T.F.-CENTRAL PARK ALABASTER WITH ACCENT)	8'-0"	ACOUSTICAL CEILING TILE (MOLD RESISTANT)	F.R.P. BOARD GOES ALL THE WAY TO THE CEILING
106	CORRIDOR	CONCRETE (CURED, SEALED AND POLISHED)	12" DIAMOND PLATE	JANUS CORRUGATED HALLWAY SYSTEM	8'-0"	JANUS HALLWAY CEILING SYSTEM	
106	LOBBY	CONCRETE (CURED, SEALED AND POLISHED)	12" DIAMOND PLATE	EGGSHELL PAINT, SW 7007 CEILING BRIGHT WHITE; PAINTED C.M.U. BLOCK. (OWNER'S CHOICE OF PAINT); JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
107	STAIRWELL #1	UNFINISHED CONCRETE	NONE	EXPOSED C.M.U. BLOCK	0"	GYPSUM BOARD (MOLD RESISITANT)	
107	STAIRWELL #2	UNFINISHED CONCRETE	NONE	EXPOSED C.M.U. BLOCK	0"	GYPSUM BOARD (MOLD RESISITANT)	
108	FIRE RISER ROOM	UNFINISHED CONCRETE	NONE	INTERIOR LINER PANEL; UNFINISHED DRYWALL	10'-3 1/2"	GYPSUM BOARD (MOLD RESISITANT)	
109	ELECT. ROOM	UNFINISHED CONCRETE	NONE	UNFINISHED DRYWALL	10'-3 1/2"	GYPSUM BOARD (MOLD RESISITANT)	
110	ELEVATOR	UNFINISHED CONCRETE	NONE	EXPOSED C.M.U. BLOCK	0"	GYPSUM BOARD (MOLD RESISITANT)	
111	MECH.	UNFINISHED CONCRETE	NONE	JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	GYPSUM BOARD (MOLD RESISITANT)	
SECOND STORY							
101	CORRIDOR	CONCRETE (CURED, SEALED AND POLISHED)	12" DIAMOND PLATE	JANUS CORRUGATED HALLWAY SYSTEM	8'-0"	JANUS HALLWAY CEILING SYSTEM	
102	DISPLAY	UNFINISHED CONCRETE	NONE	JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
103	STAIRWELL	UNFINISHED CONCRETE	NONE	EXPOSED C.M.U. BLOCK	0"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
104	MECH.	UNFINISHED CONCRETE	NONE	JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
105	ELEVATOR	NO FLOOR	NONE	EXPOSED C.M.U. BLOCK	0"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
THIRD STORY							
101	CORRIDOR	CONCRETE (CURED, SEALED AND POLISHED)	12" DIAMOND PLATE	JANUS CORRUGATED HALLWAY SYSTEM	8'-0"	JANUS HALLWAY CEILING SYSTEM	
102	DISPLAY	NO FLOOR	NONE	JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
103	STAIRWELL	UNFINISHED CONCRETE	NONE	EXPOSED C.M.U. BLOCK	0"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
104	MECH.	UNFINISHED CONCRETE	NONE	JANUS CORRUGATED HALLWAY SYSTEM	10'-3 1/2"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	
105	ELEVATOR	NO FLOOR	NONE	EXPOSED C.M.U. BLOCK	0"	EXPOSED ROOF STRUCTURE (OPEN TO ABOVE)	

NOTES:

1) IN ALL CASES WHERE PAINTED GYP. BD. IS NOTED, THE WALL AND/OR CEILING SHALL HAVE SMOOTH TEXTURE.
2) ALL WALLS SHALL BE PRIMED PRIOR TO RECEIVING FINISH PAINT.
3) ALL INTERIOR PAINT SHALL BE SHERWIN WILLIAMS PROMAR 200 INTERIOR LATEX ENAMEL OR EQUAL (2) COATS
4) F.R.P. BOARD FOR DESIGNATED RESTROOMS, F.R.P. BOARD TO GO ALL THE WAY TO THE CEILING SYSTEM.
5) TILE GROUT SHALL BE STAR QUARTZ #430 UNLESS OTHERWISE SPECIFIED
6) IN ALL CASES WHERE TILE IS NOTED AS WALL FINISH, USE 3" BULLNOSE (SAME PRODUCT LINE)
7) IN ALL CASES WHERE TILE BASE IS NOTED, INSTALL 4" TILE BASE USING METAL TERMINATION CAP.

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NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
REGISTERED ARCHITECT

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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-006.3

SCHEDULES, LEGENDS CONT.

IMPORTANT NOTES

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT SUNSHINE STATE ONE AT 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

GENERAL NOTE

FFE TO BE MIN. 18" ABOVE THE CROWN OF THE ROAD (REFER TO CIVILS)

LIMITS OF LIABILITY DISCLAIMER

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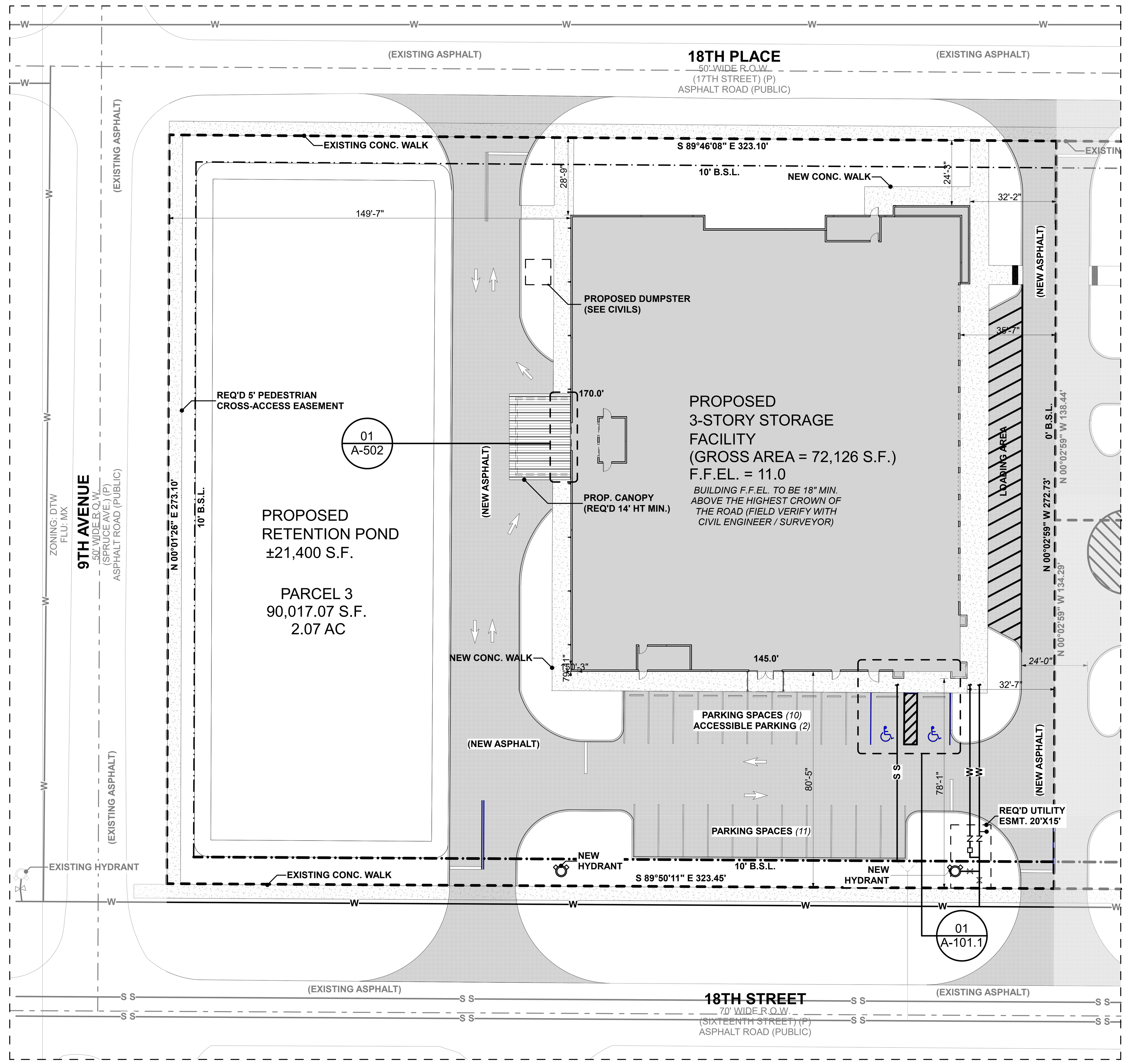
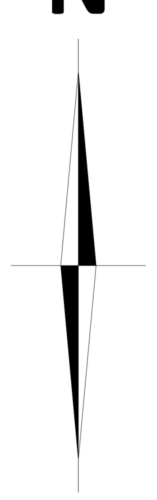


ARCHITECTURAL SITE PLAN

SCALE: 1" = 30'



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01/19/2024

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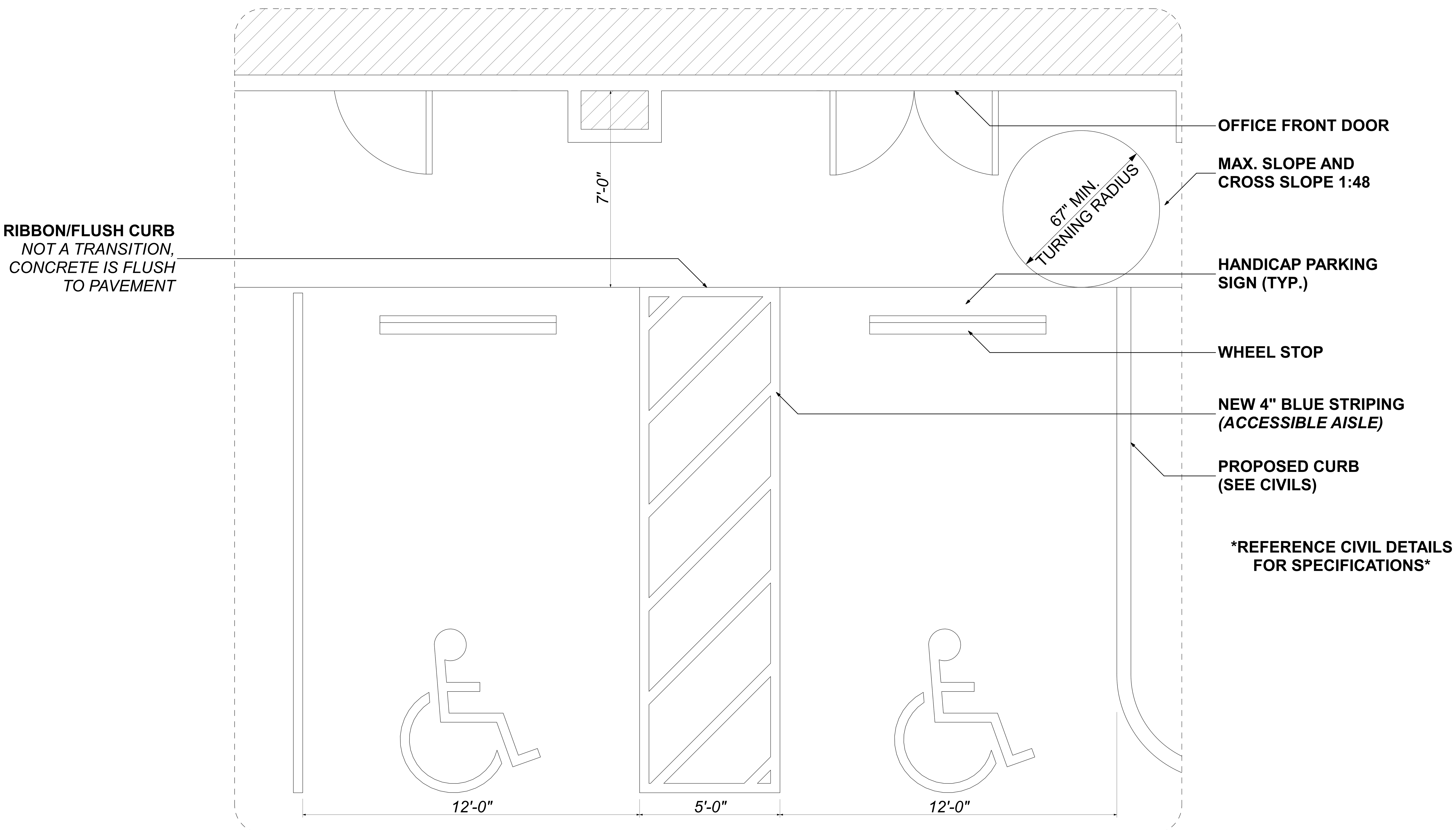
DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-101

ARCHITECTURAL SITE PLAN

NOTE:
THE PARKING SPACES AND ACCESS AISLE WILL HAVE LESS THAN THE MAXIMUM 1:48 SLOPE AND/OR CROSS SLOPE

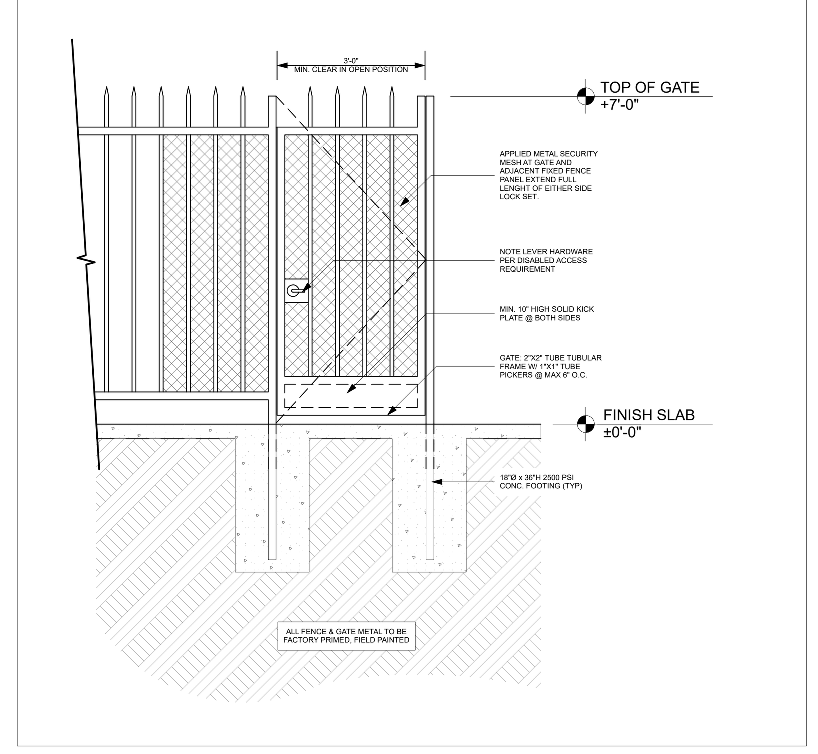


ENLARGED HANDICAP PARKING

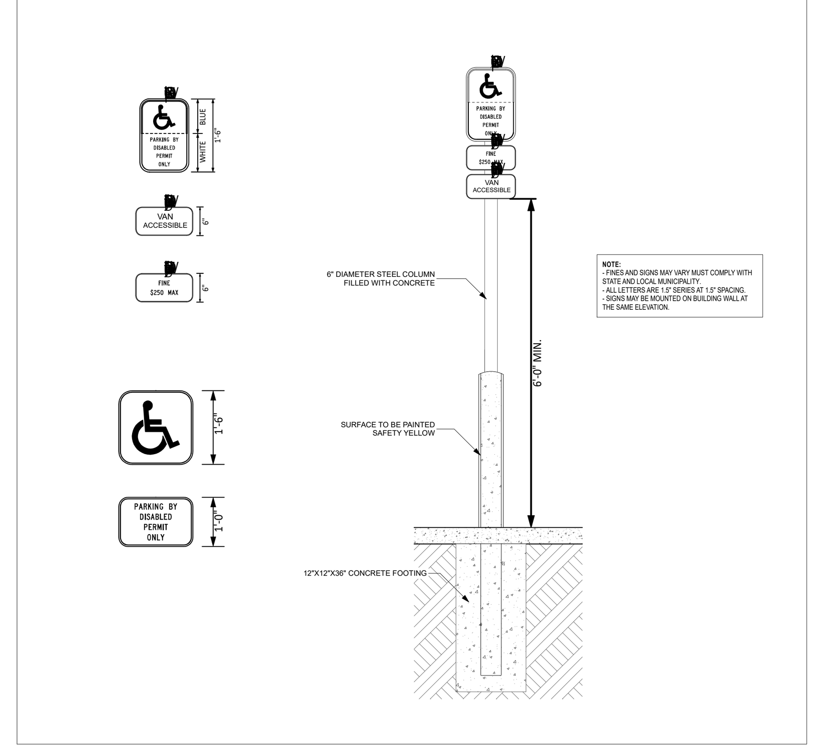
SCALE: 1/2" = 1'-0"

REFERENCE CIVIL DETAILS FOR SPECIFICATIONS

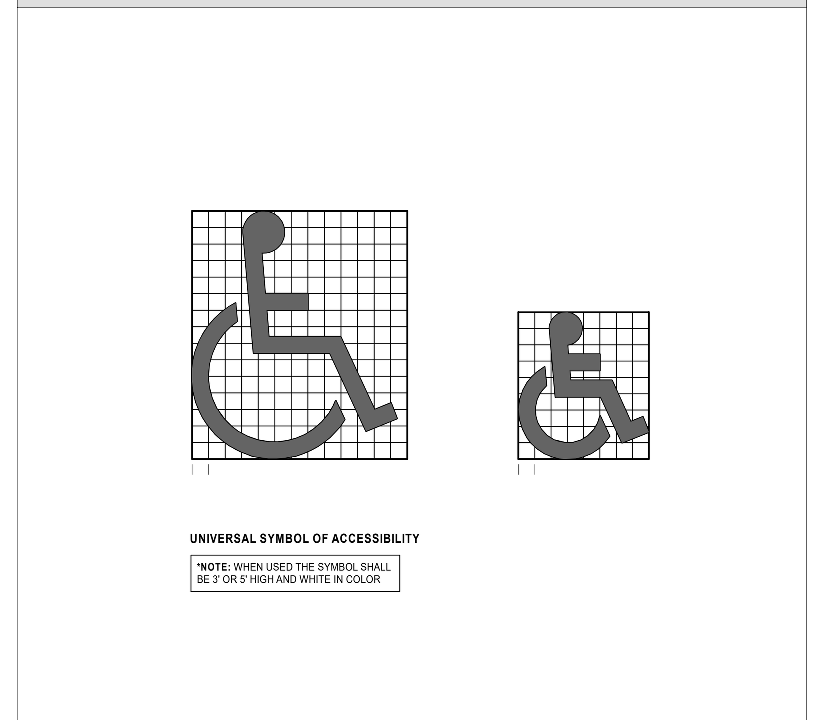
FENCE AND DOOR DETAIL



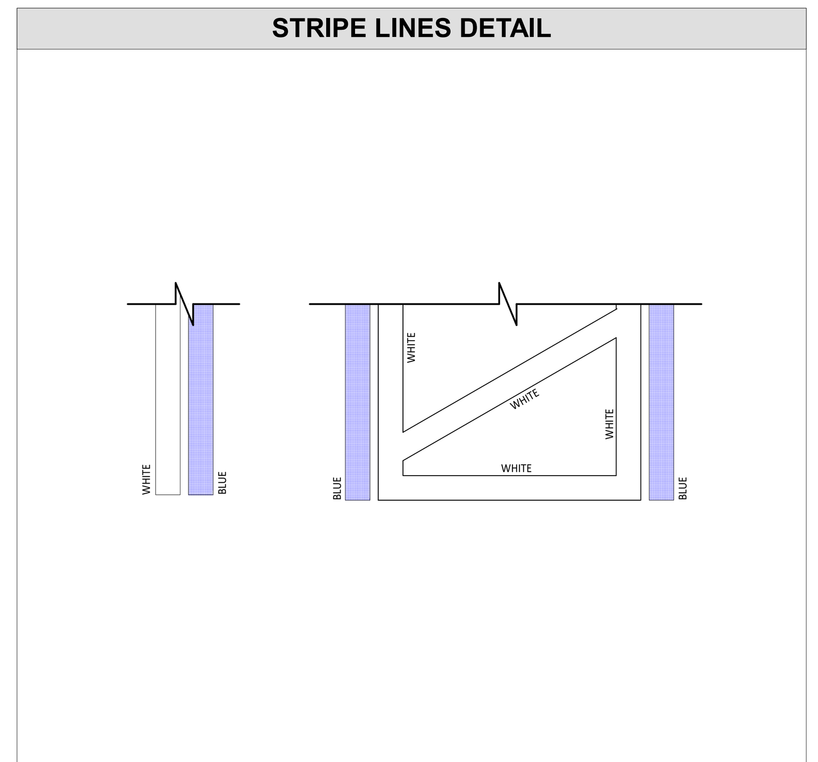
ACCESSIBLE PARKING SIGN DETAIL



HANDICAPED PAVEMENT LOGO SYMBOL



STRIPE LINES DETAIL



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PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

ROBERT S. LEWIS
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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-101.1

ENLARGED ARCHITECTURAL SITE PLAN

OCCUPANCY AREA CALCULATIONS		
FLOOR LEVEL	OCCUPANCY TYPE	AREA
FIRST STORY		
	Business Group B	658.00
	Storage Group S-1	23,770.00
		24,428.00 sq ft
SECOND STORY		
	Storage Group S-1	24,050.00
		24,050.00 sq ft
THIRD STORY		
	Storage Group S-1	23,648.00
		23,648.00 sq ft
		72,126.00 sq ft

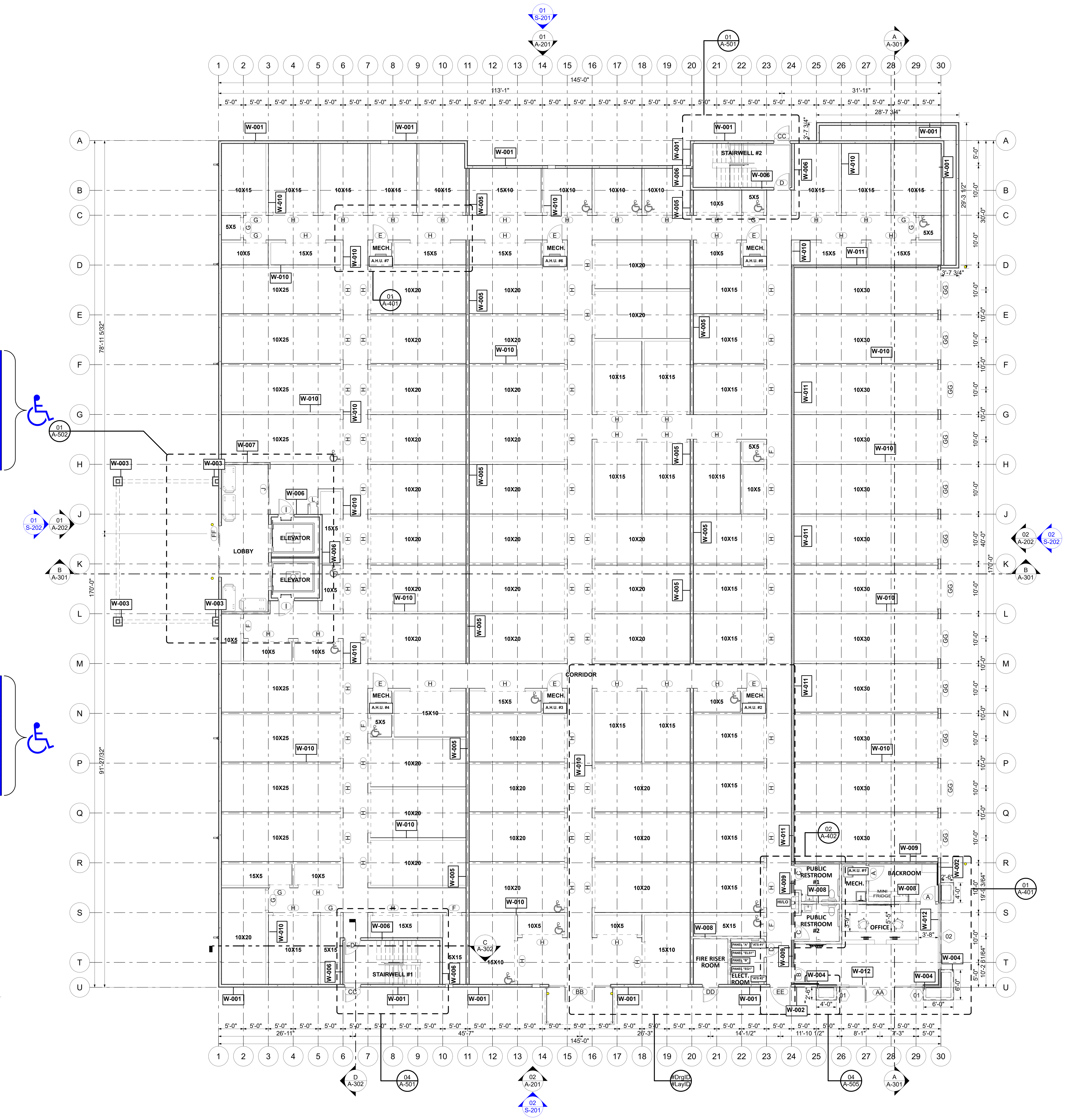
FIRST STORY, CLIMATE CONTROLLED			
5X5	3	75.00	
5X15	2	150.00	
10X5	11	550.00	
10X15	25	3,750.00	
10X20	31	6,200.00	
10X25	7	1,750.00	
10X30	12	3,600.00	
15X5	8	600.00	
15X10	2	300.00	
5X5	2	50.00	DISABLE UNIT
10X25	1	250.00	DISABLE UNIT
10X20	1	200.00	DISABLE UNIT
15X10	2	300.00	DISABLE UNIT
10X5	1	50.00	DISABLE UNIT
10X15	1	150.00	DISABLE UNIT
5X15	1	75.00	DISABLE UNIT
15X5	1	75.00	DISABLE UNIT
10X10	3	300.00	DISABLE UNIT
114		**18,425.00 sq ft**	

1ST FLOOR AVG. UNIT SIZE...............................161.6 FT²

FIRST STORY, CLIMATE CONTROLLED			
5X5	3	75.00	
5X15	2	150.00	
10X5	11	550.00	
10X15	25	3,750.00	
10X20	31	6,200.00	
10X25	7	1,750.00	
10X30	12	3,600.00	
15X5	8	600.00	
15X10	2	300.00	
5X5	2	50.00	DISABLE UNIT
10X25	1	250.00	DISABLE UNIT
10X20	1	200.00	DISABLE UNIT
15X10	2	300.00	DISABLE UNIT
10X5	1	50.00	DISABLE UNIT
10X15	1	150.00	DISABLE UNIT
5X15	1	75.00	DISABLE UNIT
15X5	1	75.00	DISABLE UNIT
10X10	3	300.00	DISABLE UNIT
114		**18,425.00 sq ft**	
SECOND STORY, CLIMATE CONTROLLED			
5X5	5	125.00	
5X15	5	375.00	
10X5	18	900.00	
10X10	31	3,100.00	
10X15	57	8,550.00	
10X20	20	4,000.00	
15X5	8	600.00	
20X10	2	400.00	
146		**18,050.00 sq ft**	
THIRD STORY, CLIMATE CONTROLLED			
5X5	19	475.00	
5X10	110	5,500.00	
5X15	84	6,300.00	
10X5	25	1,250.00	
10X10	29	2,900.00	
10X15	2	300.00	
10X20	3	600.00	
15X5	2	150.00	
274		**17,475.00 sq ft**	
534		***53,950.00 sq ft***	

BUILDING AVG. UNIT SIZE...............................101.0 FT²

N



1ST FLR - PROPOSED UNIT MIX LAYOUT

SCALE: 3/32" = 1'-0"

WALL LEGEND		
ID	PLAN VIEW	DESCRIPTION
W-001		EXT. 8" C.M.U. BLOCK SPLIT-FACE (EXPOSED BLOCK BOTH SIDES) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
W-002		EXT. 8" C.M.U. BLOCK SPLIT-FACE (EXPOSED BLOCK BOTH SIDES) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
W-003		EXT. 8" CMU BLOCK SPLIT-FACE (COLUMN) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
W-004		EXT. 6" MTL. STUDS (BY MTL. BLDG. MFR.) WITH 7/8" CEMENTITIOUS STUCCO (ON ONE SIDE), OVER WIRE LATH, OVER TYVEK VAPOR BARRIER, OVER BISON BOARD.
W-005		6" MTL. STUDS WITH INT. STRUCTURAL CORRUGATED LINER PANEL EACH SIDE; BY MTL. BLDG. MFR. (SHEAR WALL)
W-006		INT. 8" CMU BLOCK WALL EXPOSED CMU ON BOTH SIDES (FILL UNPOURED CELLS WITH POLYMASTER R-501)
W-006.1		INT. 4" CMU BLOCK WALL EXPOSED CMU ON BOTH SIDES
W-007		INT. LOBBY AREA (2) LAYERS OF 5/8" TYPE "X" FIRE RATED GYPSUM AND 4" MTL. STUD AT 16" O.C.
W-008		4" MTL. STUDS (BY MTL. BLDG. MFR.) W/ 5/8" GYPSUM EACH SIDE
W-009		6" MTL. STUDS (BY MTL. BLDG. MFR.) W/ 5/8" GYPSUM ONE SIDE, 3/4" CORRUGATED INTERIOR LINER PANEL ON THE OTHER WITH MIN. R-21 BATT. INSULATION
W-010		INT. LINER PANEL OVER MTL. STUDS (SEE STRUCTURALS FOR STUD LAYOUT/SPACING MTL BLDG MFR)
W-011		6" MTL. STUDS (BY MTL. BLDG. MFR.) W 3/4" INTERIOR LINER PANEL BOTH SIDES (INTERIOR); FILL CAVITY WITH MIN. R-21 BATT. INSULATION
W-012		6" MTL. STUDS (BY MTL. BLDG. MFR.) W/ 5/8" CEMENTITIOUS STUCCO, OVER PAPERBACKED WIRE LATH, OVER VAPOR BARRIER, OVER BISON BOARD (EXTERIOR), & 3/4" INTERIOR LINER PANEL (INTERIOR); FILL CAVITY WITH MIN. R-21 BATT. INSULATION
W-013		EXT. 8" C.M.U. BLOCK WITH 5/8" CEMENTITIOUS TYPE STUCCO (EXTERIOR) EXPOSED BLOCK (INTERIOR) FILL UNPOURED CELLS WITH POLYMASTER R-501
W-014		5/8" CEMENTITIOUS STUCCO (MIN.), OVER (2) LAYERS OF TYVEK, OVER BISON BOARD, OVER 8" METAL STUD FRAME @ 16" O.C. (BUMP OUT)

FULL BUILDING UNIT MIX

CLIMATE CONTROLLED		
5X5	2	50.00
10X25	1	250.00
10X20	1	200.00
15X10	2	300.00
10X5	1	50.00
10X15	1	150.00
5X15	1	75.00
15X5	1	75.00
10X10	3	300.00
5X5	27	675.00
5X10	110	5,500.00
5X15	91	6,825.00
10X5	54	2,700.00
10X10	60	6,000.00
10X15	84	12,600.00
10X20	54	10,800.00
10X25	7	1,750.00
10X30	12	3,600.00
15X5	18	1,350.00
15X10	2	300.00
20X10	2	400.00
534		***53,950.00 sq ft***

NOTES

1. ALL FRAMING AND/OR FURRING SHALL BE #2 GRADE OR BETTER AND SHALL BE PLACED AT 16" O.C. UNLESS OTHERWISE NOTED. ALL BEARING WALLS SHALL HAVE PT BOTTOM PLATES AND (2) TOP PLATES.

2. PIPING AND CONDUIT DISTRIBUTION AND ELECTRICAL BOXES SHALL BE CONCEALED WITH-IN STUD WORK. ALL CONDUIT AND BOXES TO BE INSTALLED PRIOR TO INSULATION, AND SHALL BE INSPECTED BY MECHANICAL ENGINEER OF RECORD PRIOR TO WALL FINISHES. COVERS TO BE COORDINATED WITH OWNER PRIOR TO INSTALLATION.

3. CONTRACTOR TO PROVIDE BLOCKING AND FIRE STOPS AS REQUIRED BY CODE. STRUCTURAL ENGINEER SHALL INSPECT ALL BEARING PARTITIONS AND CEILING/ROOF SYSTEMS PRIOR TO INSULATION.

4. SEE TYPICAL WALL SECTIONS, AND NOTES FOR ADDITIONAL INFORMATION RELEVANT TO FURRING, INSULATION AND AIR/VAPOR SEALS.

5. SEE "S" PAGES FOR WALL AND CEILING TIE DOWN INFORMATION AND CONNECTOR SCHEDULE.

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1ST FLR - PROPOSED FLOOR PLAN

GDC
ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 01/19/2024

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-102

OCCUPANCY AREA CALCULATIONS

FLOOR LEVEL	OCCUPANCY TYPE	AREA
FIRST STORY		
	Business Group B	658.00
	Storage Group S-1	23,770.00
		24,428.00 sq ft
SECOND STORY		
	Storage Group S-1	24,050.00
		24,050.00 sq ft
THIRD STORY		
	Storage Group S-1	23,648.00
		23,648.00 sq ft
		72,126.00 sq ft

SECOND STORY			
CLIMATE CONTROLLED	5X5	5	125.00
CLIMATE CONTROLLED	5X15	5	375.00
CLIMATE CONTROLLED	10X5	18	900.00
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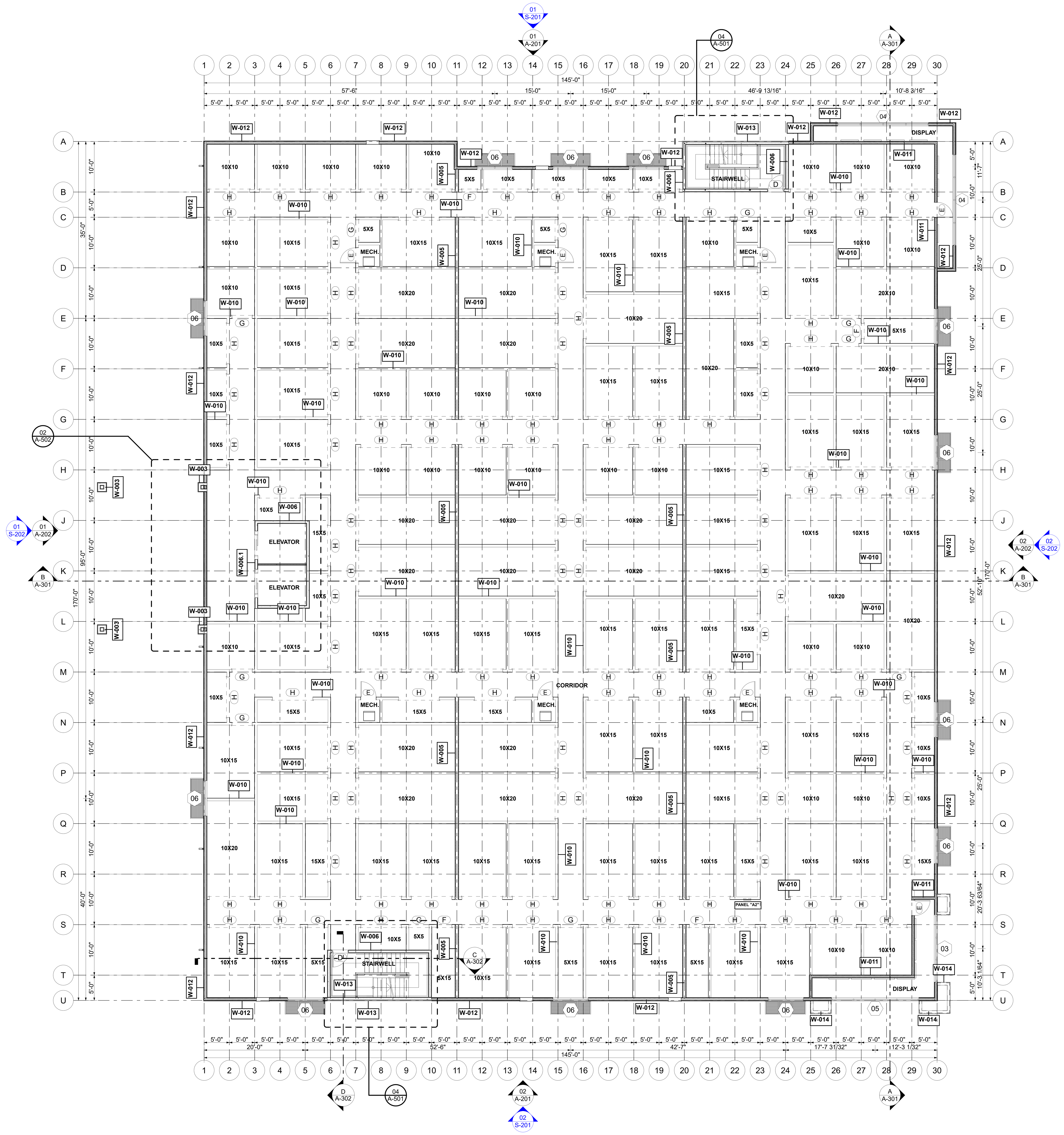
CLIMATE CONTROLLED	10X15	57	8,550.00
CLIMATE CONTROLLED	10X20	20	4,000.00
CLIMATE CONTROLLED	15X5	8	600.00
CLIMATE CONTROLLED	20X10	2	400.00
		146	**18,050.00 sq ft**

2ND FLOOR AVG. UNIT SIZE................................123.6 FT²



2ND FLR - PROPOSED UNIT MIX LAYOUT

SCALE: 3/32" = 1'-0"

WALL LEGEND

ID	PLAN VIEW	DESCRIPTION
W-001		EXT. 8" C.M.U. BLOCK SPLIT-FACE (EXPOSED BLOCK BOTH SIDES) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
W-002		EXT. 8" C.M.U. BLOCK SPLIT-FACE (EXPOSED BLOCK BOTH SIDES) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
W-003		EXT. 8" CMU BLOCK SPLIT-FACE (COLUMN) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
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NOTES

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2ND FLR - PROPOSED FLOOR PLAN

GDC
ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

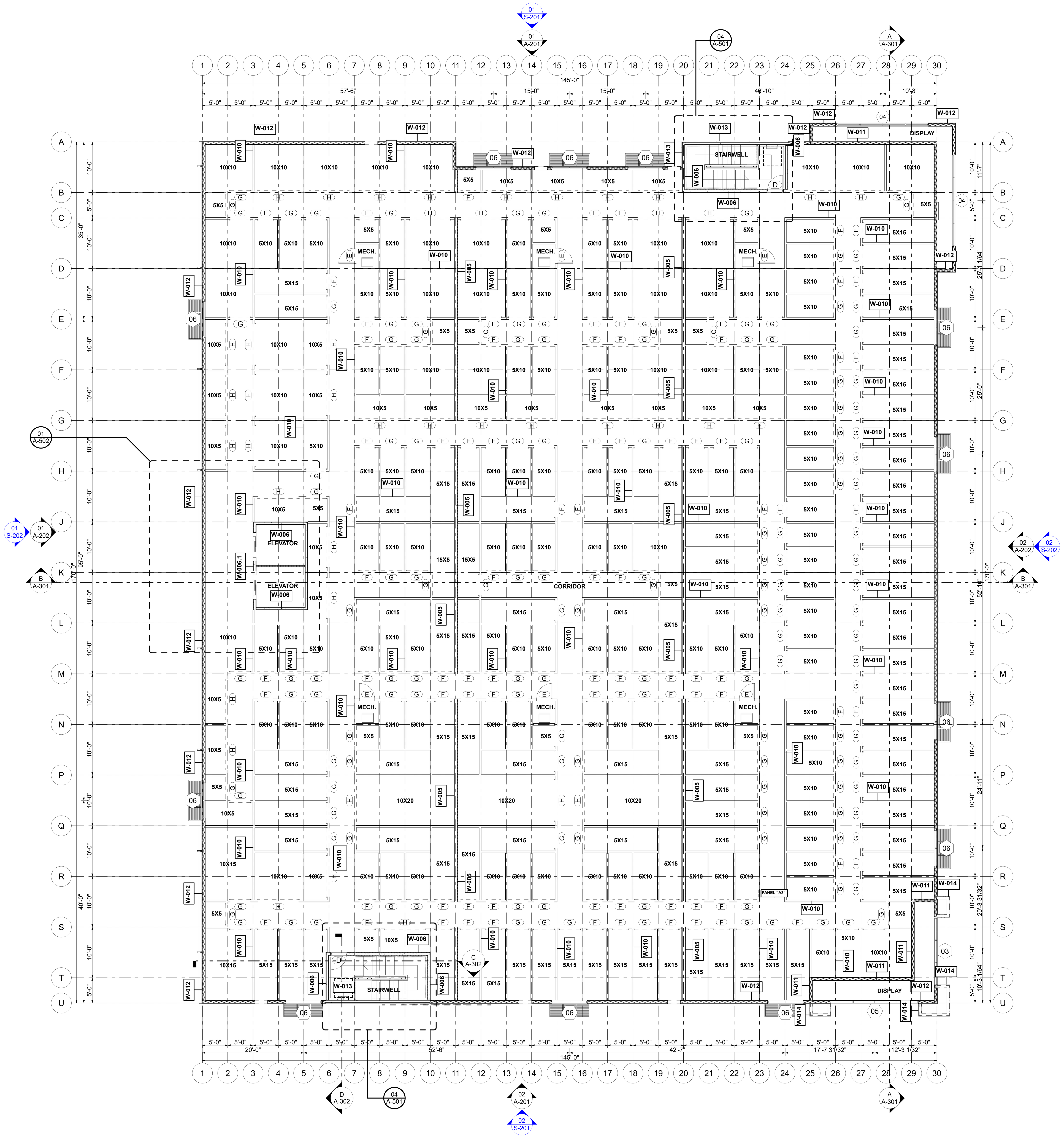
SHEET
A-103

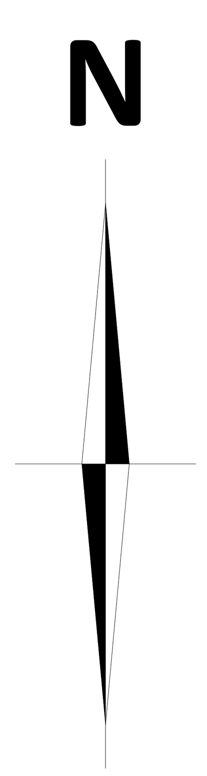
OCCUPANCY AREA CALCULATIONS

FLOOR LEVEL	OCCUPANCY TYPE	AREA
FIRST STORY		
	Business Group B	658.00
	Storage Group S-1	23,770.00
		24,428.00 sq ft
SECOND STORY		
	Storage Group S-1	24,050.00
		24,050.00 sq ft
THIRD STORY		
	Storage Group S-1	23,648.00
		23,648.00 sq ft
		72,126.00 sq ft

THIRD STORY				
	CLIMATE CONTROLLED	5X5	19	475.00
	CLIMATE CONTROLLED	5X10	110	5,500.00
	CLIMATE CONTROLLED	5X15	84	6,300.00
	CLIMATE CONTROLLED	10X5	25	1,250.00
	CLIMATE CONTROLLED	10X10	29	2,900.00
	CLIMATE CONTROLLED	10X15	2	300.00
	CLIMATE CONTROLLED	10X20	3	600.00
	CLIMATE CONTROLLED	15X5	2	150.00
			274	**17,475.00 sq ft**

3RD FLOOR AVG. UNIT SIZE................................63.8 FT²





3RD FLR - PROPOSED UNIT MIX LAYOUT

SCALE: 3/32" = 1'-0"

WALL LEGEND

ID	PLAN VIEW	DESCRIPTION
W-001		EXT. 8" C.M.U. BLOCK SPLIT-FACE (EXPOSED BLOCK BOTH SIDES) FILL UNPOURED CELLS WITH POLYMASTER R-501, PAINTED (2) COATS LOXON XP TO ALL EXTERIOR SPLIT FACED BLOCK (TO INCLUDE DOOR/WINDOW RETURN OPENINGS)
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W-009		6" MTL. STUDS (BY MTL. BLDG. MFR.) W/ 5/8" GYPSUM ONE SIDE, 3/4" CORRUGATED INTERIOR LINER PANEL ON THE OTHER WITH MIN. R-21 BATT. INSULATION
W-010		INT. LINER PANEL OVER MTL. STUDS (SEE STRUCTURALS FOR STUD LAYOUT/SPACING MTL BLDG MFR)
W-011		6" MTL. STUDS (BY MTL. BLDG. MFR.) W 3/4" INTERIOR LINER PANEL BOTH SIDES (INTERIOR); FILL CAVITY WITH MIN. R-21 BATT. INSULATION
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NOTES

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PROJECT STATE: FL
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PARCEL ID: 33390100076000100003.0

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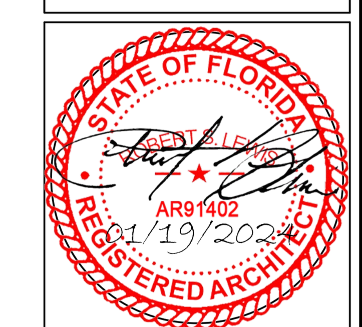
LIABILITY NOTE



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C: (772) 408-6963
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REVISION

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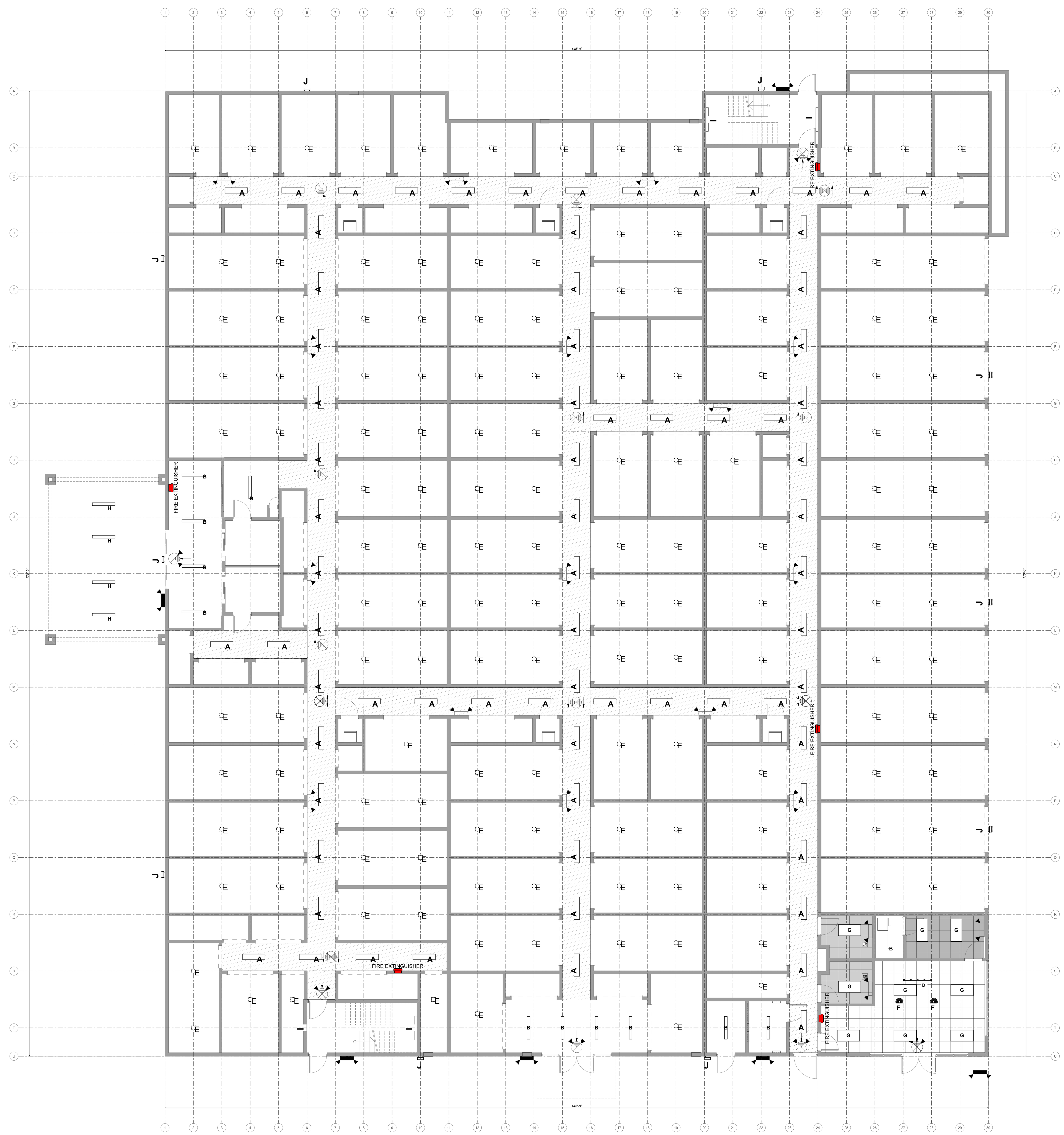
DRAWN BY J.E.T.

CHECKED BY S.M.K.

DATE 1/12/2024

SHEET A-104



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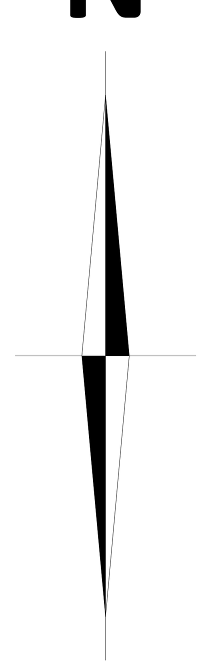


REFLECTED CEILING PLAN

SCALE: 3/32" = 1'-0"

RCP SCHEDULE					
TYPE	ID	POSITION	DESCRIPTION	QUANTITY	NOTES
CEILING LIGHTING					
	A	Interior	STORAGE LIGHT FIXTURE (SEE NOTES)	280	
	B	Interior	SUSPENDED STRIP LIGHT	15	
	C	Interior	8FT LINEAR STRIP FIXTURE	14	
	D	Interior	6" CAN LIGHT W/OCCUPANCY SENSOR COMBO	397	
	D	Interior	DIRECTIONAL TRACK LIGHTING	1	
	E	Interior	2X4 L.E.D. ARCHITECTURAL TROFFER	9	
	F	Interior	PENDANT HANGING LIGHT	2	
	H	Exterior	SLOAN L.E.D. (HIGHLINER 3)	4	PORTE-COCHERE
EMERGENCY LIGHT					
	EL-01	Exterior	EXTERIOR EMERGENCY LIGHT	6	
	EL-02	Interior	EMERGENCY LIGHT	54	
EXHAUST FAN					
	EF-01	Interior	EXHAUST FAN	2	
EXIT SIGN					
	ES-01	Interior	LIGHTED EXIT SIGN: DUAL EXIT LIGHTING COMBO	8	
	ES-02	Interior	LIGHTED EXIT SIGN: LIGHTED SIGN	1	
	ES-03	Interior	LIGHTED EXIT SIGN: SINGLE DIRECTIONAL	38	
	ES-04	Interior	LIGHTED EXIT SIGN: DOUBLE DIRECTIONAL	18	
FIRE EXTINGUISHER					
	FE-01	Interior	FIRE EXTINGUISHER	17	
WALL LIGHTING					
	I	Interior	STAIRWELL LIGHT (OWNER'S CHOICE)	10	
	J	Exterior	L.E.D. WALL PACK	10	

CEILING SCHEDULE				
ID	PLAN VIEW	DESCRIPTION	HEIGHT	NOTES
CLG-01		JANUS HALLWAY CEILING SYSTEM	8'-0"	
CLG-02		1/4" X 1" TRACK SYSTEM ONLY	9'-0"	TRACK SYSTEM PAINTED BLACK
CLG-03		1/2" 2X2 ACOUSTICAL CEILING TILE	9'-0"	BREAKROOM CEILING
CLG-04		1/2" 2X2 ACOUSTICAL CEILING TILE (MOLD RESISTANT)	9'-0"	RESTROOM CEILINGS
CLG-05		2"X2" SECURITY MESH	8'-6"	ONLY ON THIRD FLOOR; FIRST AND SECOND FLOOR GET BURGLAR BARS AT UNITS

*WHITE AREAS INDICATE EXPOSED CEILING

*OFFICE AREA EXPOSED CEILING "B-DECK" TO BE PAINTED BLACK *(COORDINATE WITH OWNER)*

GENERAL NOTE:

ARCHITECTURAL REFLECTED CEILING PLANS PROVIDED FOR HEIGHT AND TYPE OF CEILINGS. FOR LIGHTING FIXTURES, AND LIFE SAFETY DEVICES *(SEE THE ELECTRICAL ENGINEERING LIGHTING PLAN AND THE FIRE ALARM SHOP DRAWINGS)*, FOR FIRE SPRINKLERS *(SEE FIRE SPRINKLER ENGINEERS DOCUMENTS.)*

1ST FLR - REFLECTED CEILING PLAN

GDC ARCHITECTS ENGINEERS

COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
1/19/2024
REGISTERED ARCHITECT

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

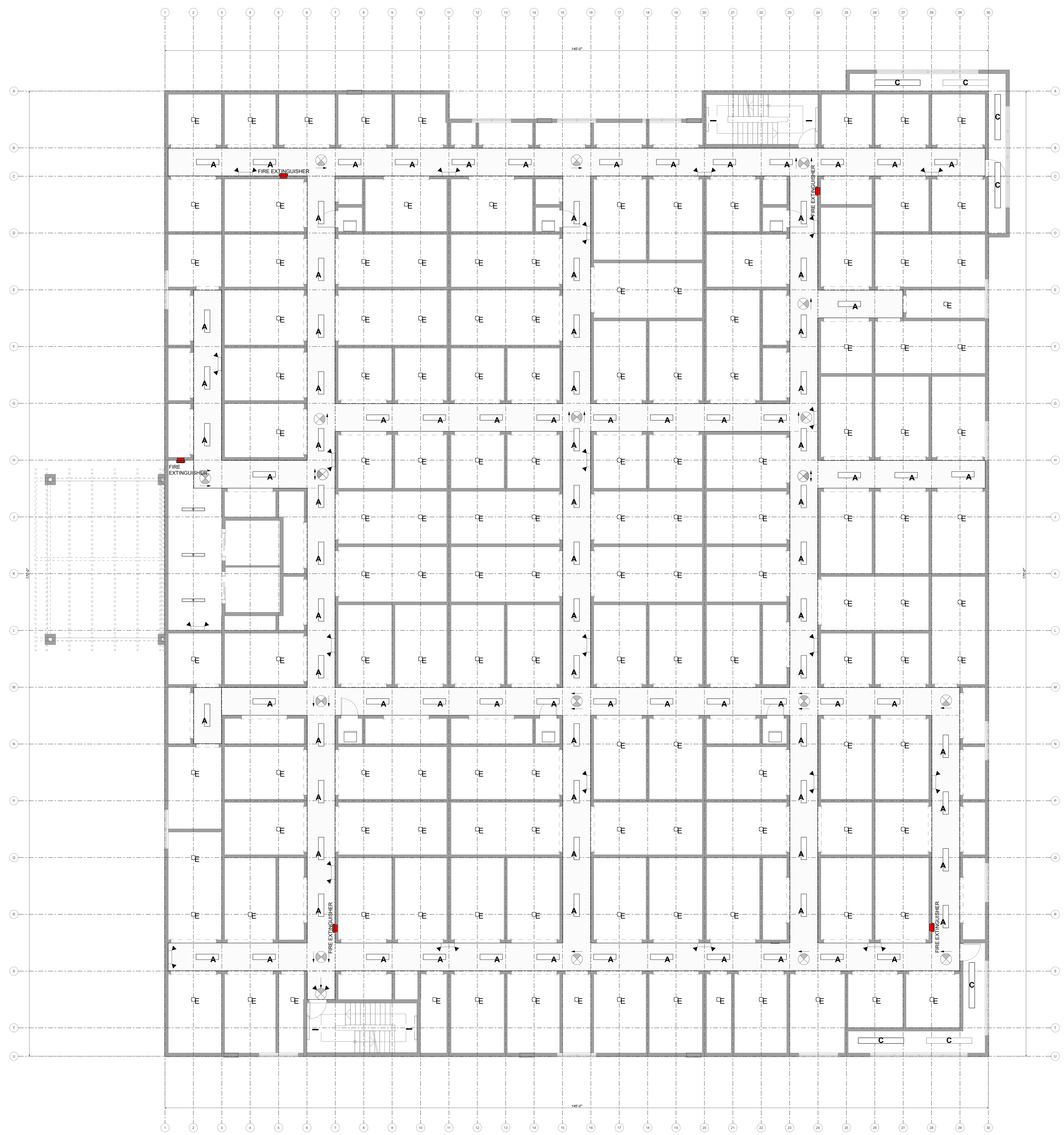
WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

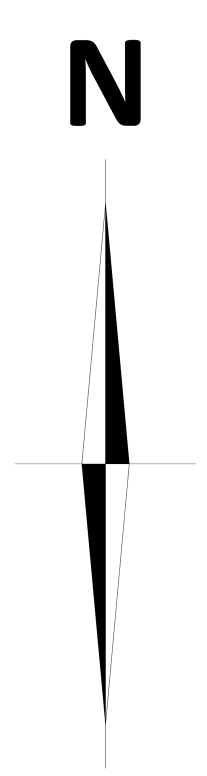
DATE
1/12/2024

SHEET
A-105



REFLECTED CEILING PLAN

SCALE: 3/32" = 1'-0"



RCP SCHEDULE

TYPE	ID	POSITION	DESCRIPTION	QUANTITY	NOTES
CEILING LIGHTING					
	A	Interior	STORAGE LIGHT FIXTURE (SEE NOTES)	280	
	B	Interior	SUSPENDED STRIP LIGHT	15	
	C	Interior	8FT LINEAR STRIP FIXTURE	14	
	D	Interior	6" CAN LIGHT W/OCCUPANCY SENSOR COMBO	397	
	D	Interior	DIRECTIONAL TRACK LIGHTING	1	
	E	Interior	2X4 L.E.D. ARCHITECTURAL TROFFER	9	
	F	Interior	PENDANT HANGING LIGHT	2	
	H	Exterior	SLOAN L.E.D. (HIGHLINER 3)	4	PORTE-COCHERE
EMERGENCY LIGHT					
	EL-01	Exterior	EXTERIOR EMERGENCY LIGHT	6	
	EL-02	Interior	EMERGENCY LIGHT	54	
EXHAUST FAN					
	EF-01	Interior	EXHAUST FAN	2	
EXIT SIGN					
	ES-01	Interior	LIGHTED EXIT SIGN: DUAL EXIT LIGHTING COMBO	8	
	ES-02	Interior	LIGHTED EXIT SIGN: LIGHTED SIGN	1	
	ES-03	Interior	LIGHTED EXIT SIGN: SINGLE DIRECTIONAL	38	
	ES-04	Interior	LIGHTED EXIT SIGN: DOUBLE DIRECTIONAL	18	
FIRE EXTINGUISHER					
	FE-01	Interior	FIRE EXTINGUISHER	17	
WALL LIGHTING					
	I	Interior	STAIRWELL LIGHT (OWNER'S CHOICE)	10	
	J	Exterior	L.E.D. WALL PACK	10	

CEILING SCHEDULE

ID	PLAN VIEW	DESCRIPTION	HEIGHT	NOTES
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*WHITE AREAS INDICATE EXPOSED CEILING

GENERAL NOTE:

ARCHITECTURAL REFLECTED CEILING PLANS PROVIDED FOR HEIGHT AND TYPE OF CEILINGS. FOR LIGHTING FIXTURES, AND LIFE SAFETY DEVICES *(SEE THE ELECTRICAL ENGINEERING LIGHTING PLAN AND THE FIRE ALARM SHOP DRAWINGS)*, FOR FIRE SPRINKLERS *(SEE FIRE SPRINKLER ENGINEERS DOCUMENTS.)*

2ND FLR - REFLECTED CEILING PLAN

GDC
ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA ROBERT S. LEWIS AR91402 1/19/2024 REGISTERED ARCHITECT

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

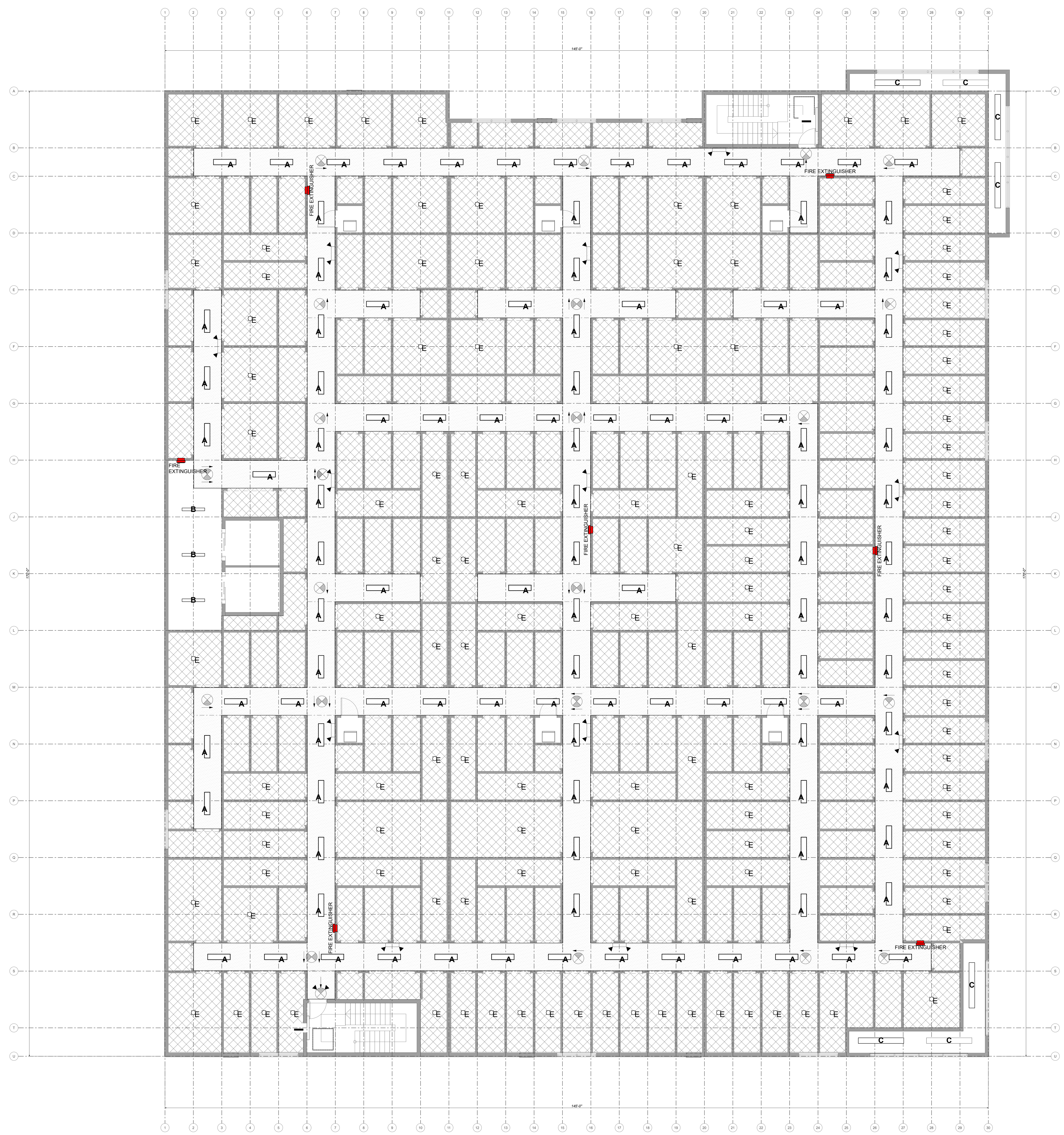
DRAWN BY J.E.T.

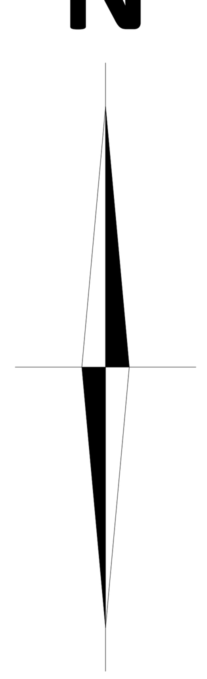
CHECKED BY S.M.K.

DATE 1/12/2024

SHEET A-106

GDC | ARCHITECTS - ENGINEERS • OKEECHOBEE, FL 34972 • 1/12/2024 1:22 PM





RCP SCHEDULE					
TYPE	ID	POSITION	DESCRIPTION	QUANTITY	NOTES
CEILING LIGHTING					
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	J	Exterior	L.E.D. WALL PACK	10	

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ID	PLAN VIEW	DESCRIPTION	HEIGHT	NOTES
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*WHITE AREAS INDICATE EXPOSED CEILING

GENERAL NOTE:

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3RD FLR - REFLECTED CEILING PLAN

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ARCHITECTS
ENGINEERS
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WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
01/19/2024
REGISTERED ARCHITECT

ROBERT S. LEWIS
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REVISION

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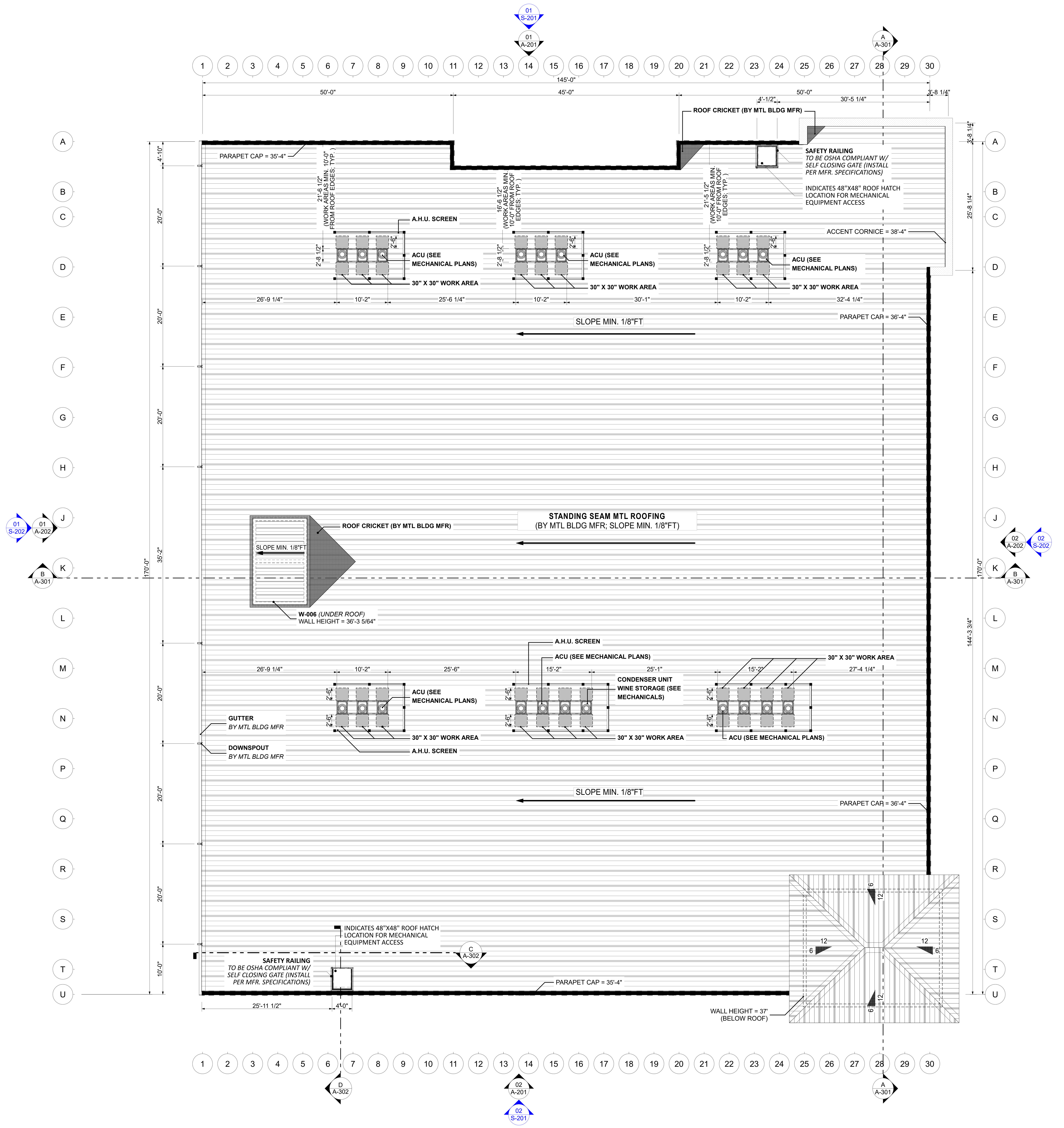
DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-107



ROOF OVERVIEW

SCALE: 3/32" = 1'-0"

GENERAL NOTE:

ROOFING, MTL. FLASHING, EAVE, AND WATER PROOFING DETAILS BY THE MTL. BLDG. MFR..

FOR A/C UNIT STAND SEE A-509 FOR ATTACHMENT. N.O.A. # 22-0721.02. ROOF SCREENING BY CONTRACTOR

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NEW THREE-STORY STORAGE FACILITY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

ROBERT S. LEWIS
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REVISION

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DRAWN BY J.E.T.

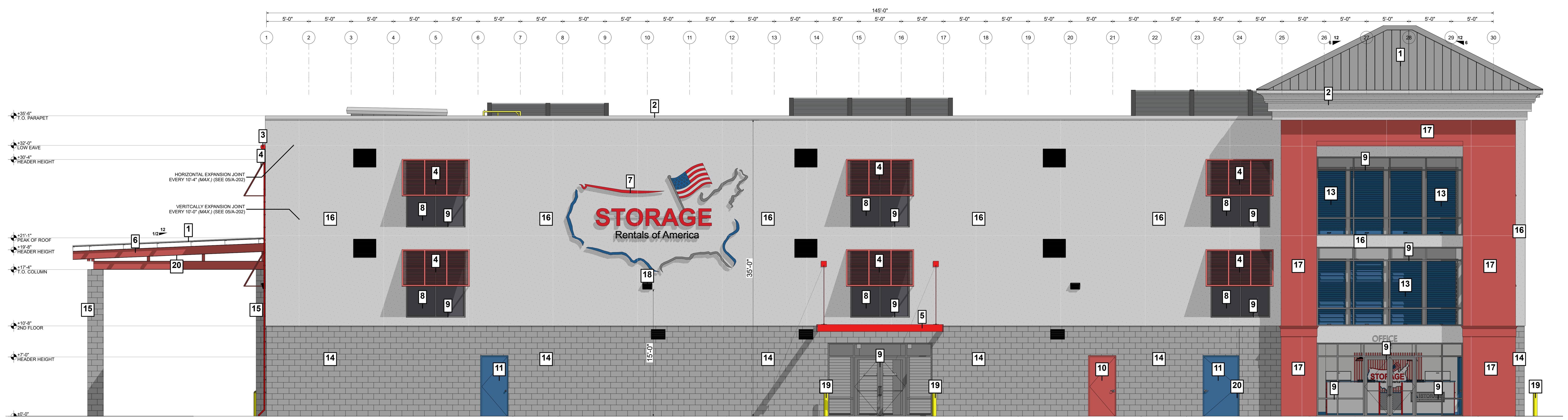
CHECKED BY S.M.K.

DATE 1/12/2024

SHEET A-108

ROOF OVERVIEW

01
A-201
NORTH ARCHITECTURAL ELEVATION
SCALE: 1/8" = 1'-0"



02
A-201
SOUTH ARCHITECTURAL ELEVATION
SCALE: 1/8" = 1'-0"

DESIGN NOTES

1. METAL ROOFING TO BE INSTALLED AS INSTRUCTED BY MGF.
2. FASCIA, RAKE TRIM, AND FLASING TO BE PAINTED SW 7004 SNOWBOUND.
3. GUTTER AND DOWNSPOUTS TO BE PAINTED SW 6869 STOP.
4. METAL LOUVER AWNING TO BE PAINTED SW 6869 STOP. *(SEE N.O.A. SPECIFICATIONS)*
5. METAL AWNING TO BE INSTALLED AND PAINTED SW 6869 STOP. *(PROVIDE SHOP DRAWINGS TO E.O.R. FOR REVIEW/APPROVAL PRIOR TO FABRICATION)*
6. METAL PORTE-COCHÈRE TO BE PAINTED SW 6869 STOP.
7. NEW BUILDING SIGNAGE TO BE INSTALLED AS INDICATED BY SIGNAGE CONTRACTOR.
8. FAUX WINDOWS TO BE TINTED OPAQUE.
9. STOREFRONT DOORS/ WINDOWS TO BE CLEAR ANODIZED.
10. EXTERIOR MAN DOORS TO BE PAINTED SW 6869 STOP. *(FIRE RISER ROOM, SEE N.O.A. NO. 22-0427.01)*
11. EXTERIOR MAN DOORS TO BE PAINTED SW 6967 FRANK BLUE. *(EGRESS DOORS, SEE N.O.A. NO. 22-0427.01)*
12. METAL ROLL-UP DOORS TO BE PAINTED SW 6869 STOP.
13. FAUX ROLL-UP DOORS TO BE INSTALLED BEHIND WINDOW DISPLAY TO BE PAINTED SW 6967 FRANK BLUE.
14. SPLIT-FACED BLOCK TO HAVE FACTORY COLOR AS INDICATED (OR SIMILAR).
15. SPLIT-FACED BLOCK COLUMS (22"X22") TO HAVE FACTORY COLOR AS INDICATED (OR SIMILAR).
16. CEMENTITIOUS STUCCO TO BE PAINTED SW 7004 SNOWBOUND.
17. CEMENTITIOUS STUCCO (ARCHITECTURAL BUMP OUT) TO BE PAINTED SW 6869 STOP.
18. L.E.D. WALL PACK TO BE INSTALLED.
19. BOLLARDS TO BE INSTALLED AS INDICATED.
20. SURFACE MOUNTED L.E.D. HIGHLINER 3 TO BE INSTALLED UNDER PORTE-COCHERE.

GENERAL NOTE:

BUILDING SHELL, EXTERIOR METAL CLADDING, AND METAL FLASHING BY MTL. BLDG. MFR..*(TO INCLUDE BACKSIDE OF PARAPET, SEE PEMB DRAWINGS)*

FINAL PAINT COLORS TO BE SELECTED BY OWNER. COLORS SHOWN ARE FOR REFERENCE ONLY.

FOR EXTERIOR HOLLOW CORE MAN DOORS *(SEE N.O.A. # 21-0504.07 FOR MORE DETAILS ON ATTACHMENT AND WATERPROOFING)*

FOR EXTERIOR STOREFRONT WINDOW ASSEMBLIES *(SEE 06/A-504 FOR MORE DETAILS ON ATTACHMENT AND WATERPROOFING)*

FOR EXTERIOR BAHAMA SHUTTERS *(SEE N.O.A. FL-13434.1 OR 05/A-506 FOR MORE DETAILS ON ATTACHMENT AND WATERPROOFING)*

STUCCO NOTE:

7.8 LAPPING OF METAL PLASTER BASES:

7.8.1 SIDE LAPS OF METAL PLASTER BASES SHALL BE SECURED TO FRAMING MEMEBERS. THEY SHALL BE TIED BETWEEN SUPPORTS WITH 0.0475 IN. (1.21 MM) WIRE AT INTERVALS NOT MORE THAN 9 IN. (229 MM).

7.8.2 METAL LATH SHALL BE LAPPED 1/2 IN. (12.7 MM) AT THE SIDES, OR NEST THE EDGES RIBS. WIRE LATH SHALL BE LAPPED ONE MESH AT THE SIDES AND THE ENDS. LAP METAL LATH 1 IN (25 MM) AT ENDS. WHERE END LAPS OCCUR BETWEEN THE FRAMING MEMBERS, THE ENDS OF THE SHEETS OF ALL METAL PLASTER BASES SHALL BE LACED OR WIRE TIED WITH 0.0475 IN (1.21 MM) GALVANIZED, ANNEALED STEEL WIRE.

7.8.3 WHERE METAL PLASTER BASE WITH BACKING IS USED, THE VERTICAL AND HORIZONTAL LAP JOINTS SHALL BE BACKING ON BACKING AND METALON METAL.

7.8.3.1 BACKING SHALL BE LAPPED NOT LESS THAN 2 IN. (50 MM). ON WALLS, THE BACKING SHALL BE LAPPED SO WATER WILL FLOW TO THE EXTERIOR. BACKING SHALL NOT BE PLACED BETWEEN PLASTER BASE (LATH) AND FLANGES OF ACCESSORIES. METAL LATH TO METAL FLANGE CONTACT SHALL BE REQUIRED TO ENSURE THAT FLANGES ARE MECHANICALLY LOCKED TOGETHER.

7.9 SPACING OF ATTACHMENTS FOR METAL PLASTER BASES - ATTACHMENTS FOR SECURING METAL PLASTER BASES TO FRAMING MEMBERS SHALL BE SPACED NOT MORE THAN 7 IN. (178 MM) APART FOR DIAMOND MESH AND FLAT RIB LATHS AND AT EACH RIB FOR 3/8 IN. (9.5 MM) RIB LATH.

7.11 APPLICATION OF ACCESSORIES:

7.11.1 GENERAL-ALL METAL ACCESSORIES SHALL BE INSTALLED IN SUCH A MANNER THAN FLANGES AND CLIPS PROVIDED FOR THEIR ATTACHMENT ARE COMPLETELY EMBEDDED IN THE PLASTER.

7.11.1.1 ACCESSORIES SHALL BE ATTACHED TO SUBSTRATE IN SUCH A MANNER AS TO ENSURE PROPER ALIGNMENT DURING ALLICATION OF PLASTER. FLANGES OF ACCESSORIES SHALL BE SECURED AT NOT MORE THAN 7 IN. *(178MM)* INTERVALS ALONG SUPPORTS.

7.11.2 CORNER BEADS-CORNER BEADS SHALL BE INSTALLED TO PROTECT ALL EXTERNAL CORNERS AND TO ESTABLISH GROUNDS.

ARCHITECTURAL EXTERIOR ELEVATIONS

GDC
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NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

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PARCEL ID: 33390100007600010000 3.0

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ROBERT S. LEWIS
AR91402
1/19/2024
REGISTERED ARCHITECT

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REVISION

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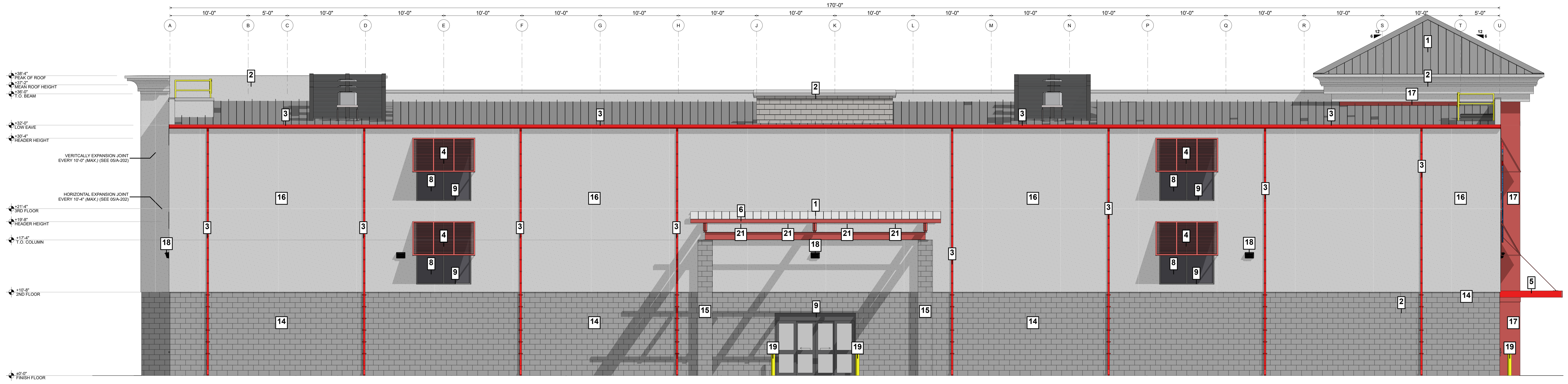
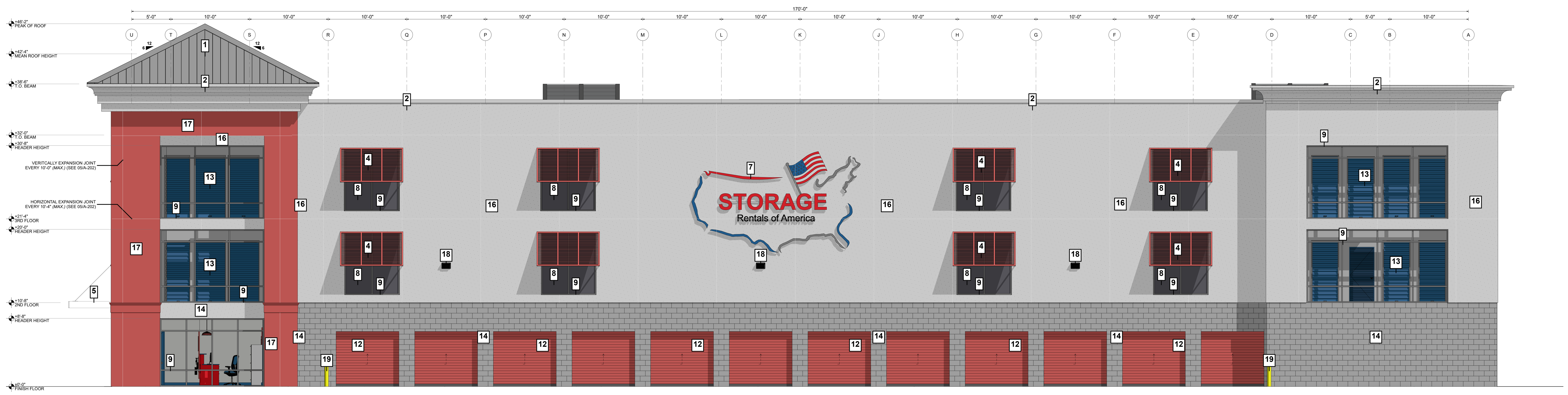
DATE
1/12/2024

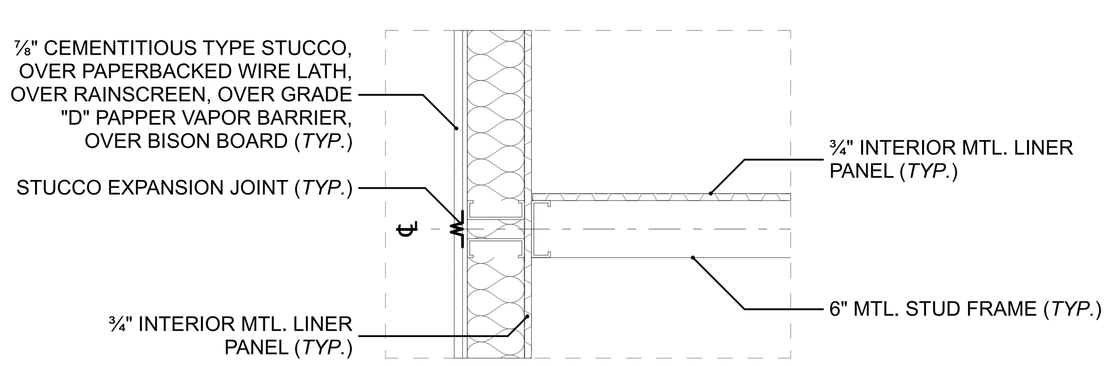
SHEET
A-201



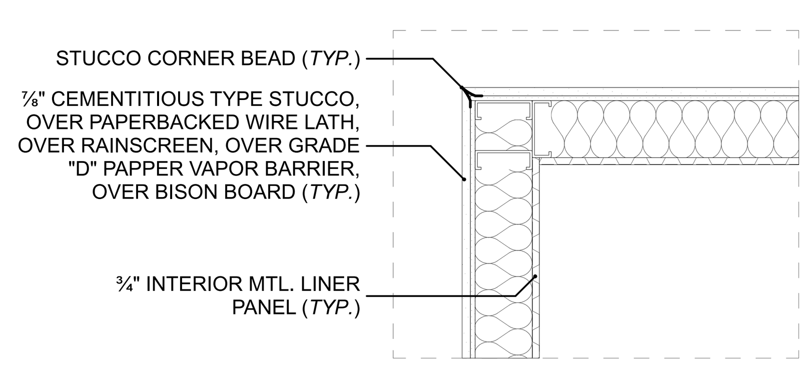
01
A-202
WEST ARCHITECTURAL ELEVATION
SCALE: 1/8" = 1'-0"



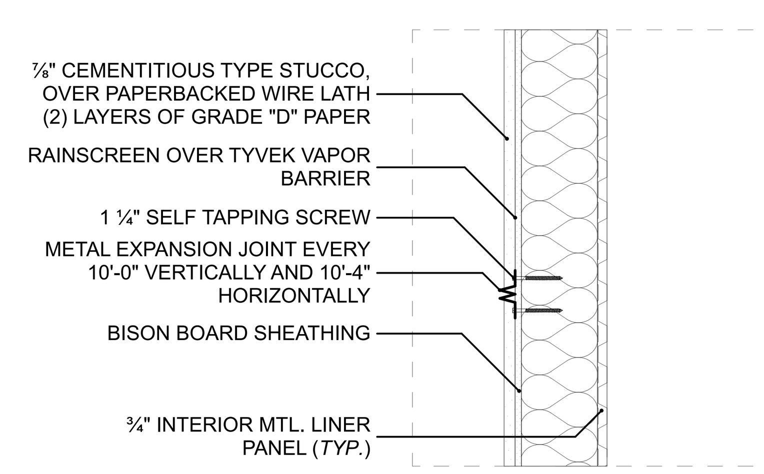
02
A-202
EAST ARCHITECTURAL ELEVATION
SCALE: 1/8" = 1'-0"



03
A-202
DETAIL @ STUCCO EXPANSION JOINT
SCALE: 3/4" = 1'-0"



04
A-202
DETAIL @ STUCCO CORNER BEAD
SCALE: 3/4" = 1'-0"



05
A-202
VERTICAL / HORIZONTAL EXPANSION JOINT
SCALE: 1" = 1'-0"

DESIGN NOTES

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GENERAL NOTE:

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7.8.2 METAL LATH SHALL BE LAPPED 1/2 IN. (12.7 MM) AT THE SIDES, OR NEST THE EDGES RIBS. WIRE LATH SHALL BE LAPPED ONE MESH AT THE SIDES AND THE ENDS. LAP METAL LATH 1 IN (25 MM) AT ENDS. WHERE END LAPS OCCUR BETWEEN THE FRAMING MEMBERS, THE ENDS OF THE SHEETS OF ALL METAL PLASTER BASES SHALL BE LACED OR WIRE TIED WITH 0.0475 IN (1.21 MM) GALVANIZED, ANNEALED STEEL WIRE.

7.8.3 WHERE METAL PLASTER BASE WITH BACKING IS USED, THE VERTICAL AND HORIZONTAL LAP JOINTS SHALL BE BACKING ON BACKING AND METALON METAL.

7.8.3.1 BACKING SHALL BE LAPPED NOT LESS THAN 2 IN. (50 MM). ON WALLS, THE BACKING SHALL BE LAPPED SO WATER WILL FLOW TO THE EXTERIOR. BACKING SHALL NOT BE PLACED BETWEEN PLASTER BASE (LATH) AND FLANGES OF ACCESSORIES. METAL LATH TO METAL FLANGE CONTACT SHALL BE REQUIRED TO ENSURE THAT FLANGES ARE MECHANICALLY LOCKED TOGETHER.

7.9 SPACING OF ATTACHMENTS FOR METAL PLASTER BASES - ATTACHMENTS FOR SECURING METAL PLASTER BASES TO FRAMING MEMBERS SHALL BE SPACED NOT MORE THAN 7 IN. (178 MM) APART FOR DIAMOND MESH AND FLAT RIB LATHS AND AT EACH RIB FOR 3/8 IN. (9.5 MM) RIB LATH.

7.11 APPLICATION OF ACCESSORIES:

7.11.1 GENERAL-ALL METAL ACCESSORIES SHALL BE INSTALLED IN SUCH A MANNER THAN FLANGES AND CLIPS PROVIDED FOR THEIR ATTACHMENT ARE COMPLETELY EMBEDDED IN THE PLASTER.

7.11.1.1 ACCESSORIES SHALL BE ATTACHED TO SUBSTRATE IN SUCH A MANNER AS TO ENSURE PROPER ALIGNMENT DURING ALLICATION OF PLASTER. FLANGES OF ACCESSORIES SHALL BE SECURED AT NOT MORE THAN 7 IN. *(178MM)* INTERVALS ALONG SUPPORTS.

7.11.2 CORNER BEADS-CORNER BEADS SHALL BE INSTALLED TO PROTECT ALL EXTERNAL CORNERS AND TO ESTABLISH GROUNDS.

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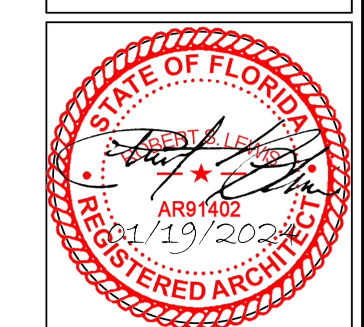
NEW THREE-STORY STORAGE FACILITY
STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE



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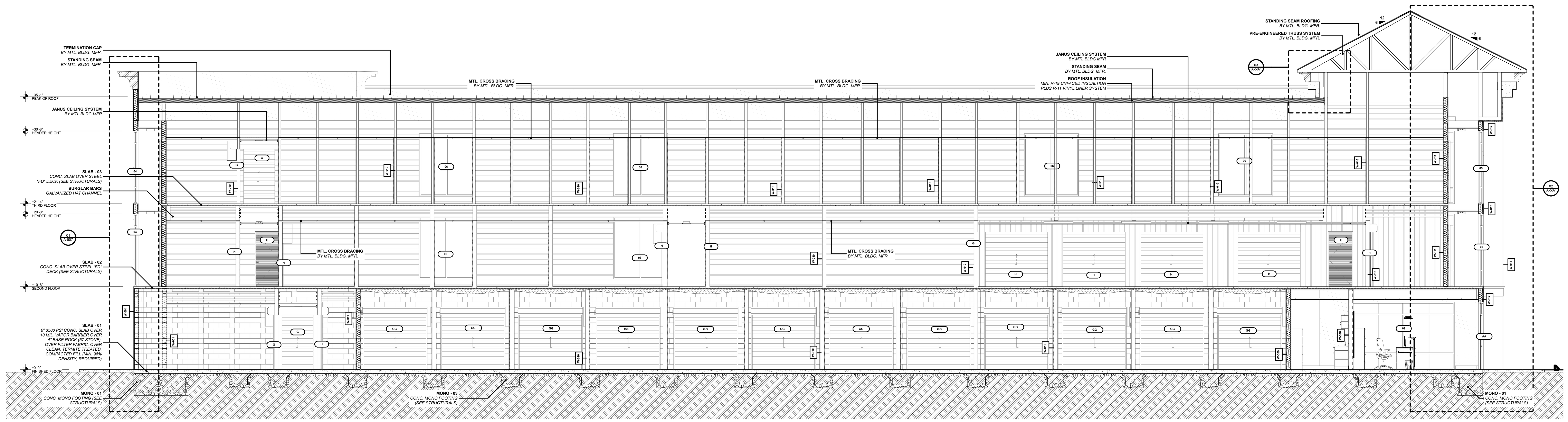
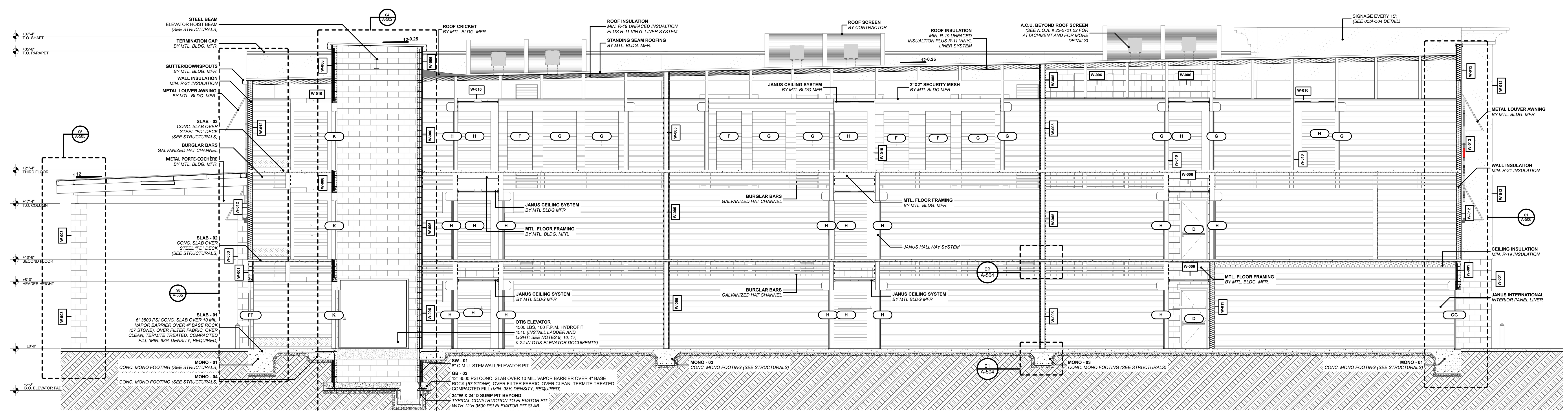
SHEET
A-202

ARCHITECTURAL EXTERIOR ELEVATIONS



SECTION "A - A"

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



SECTION "B - B"

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

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LIABILITY NOTE

STATE OF FLORIDA
AR91402
01/19/2024
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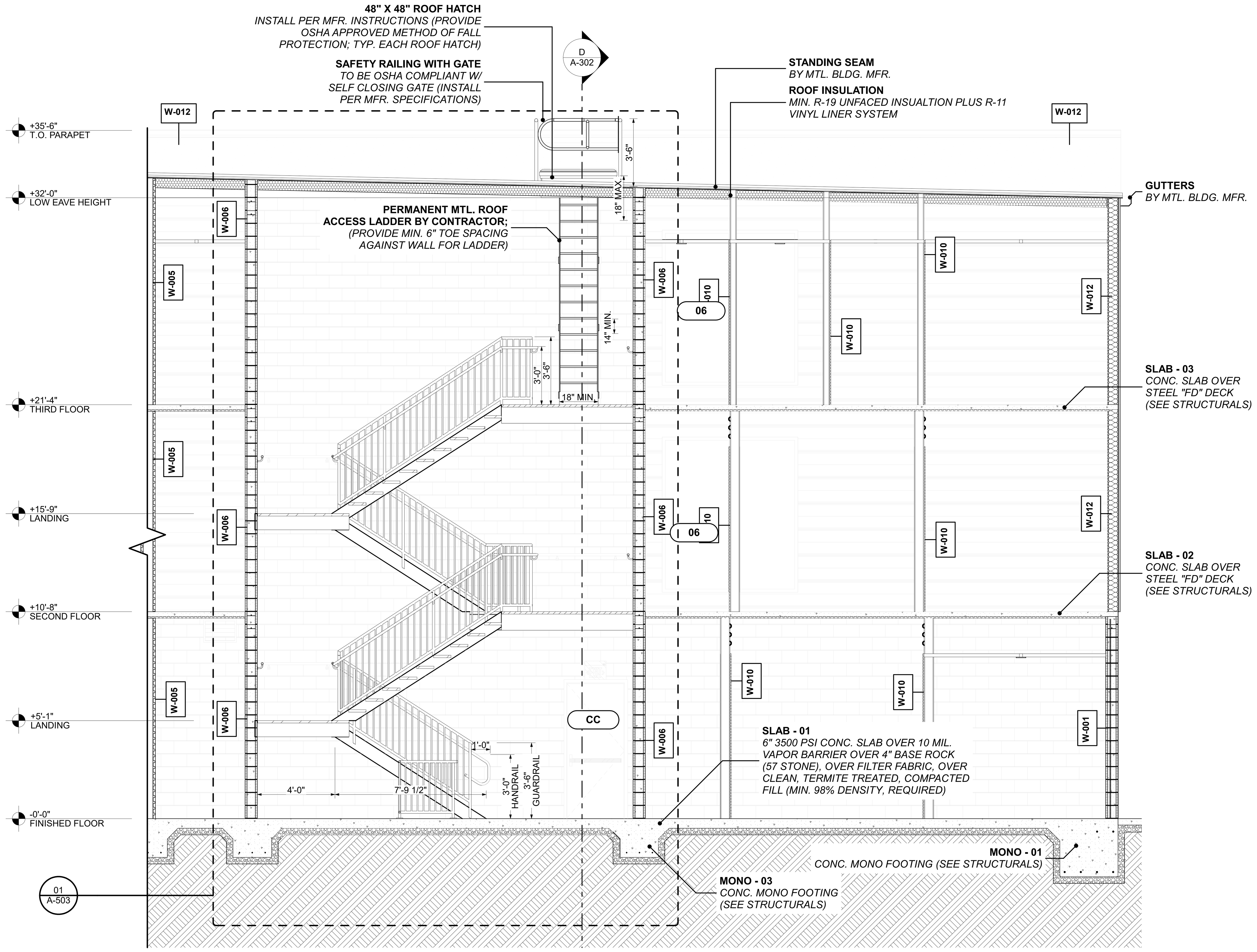
SHEET
A-301

ARCHITECTURAL SECTIONS 1

GENERAL NOTE:

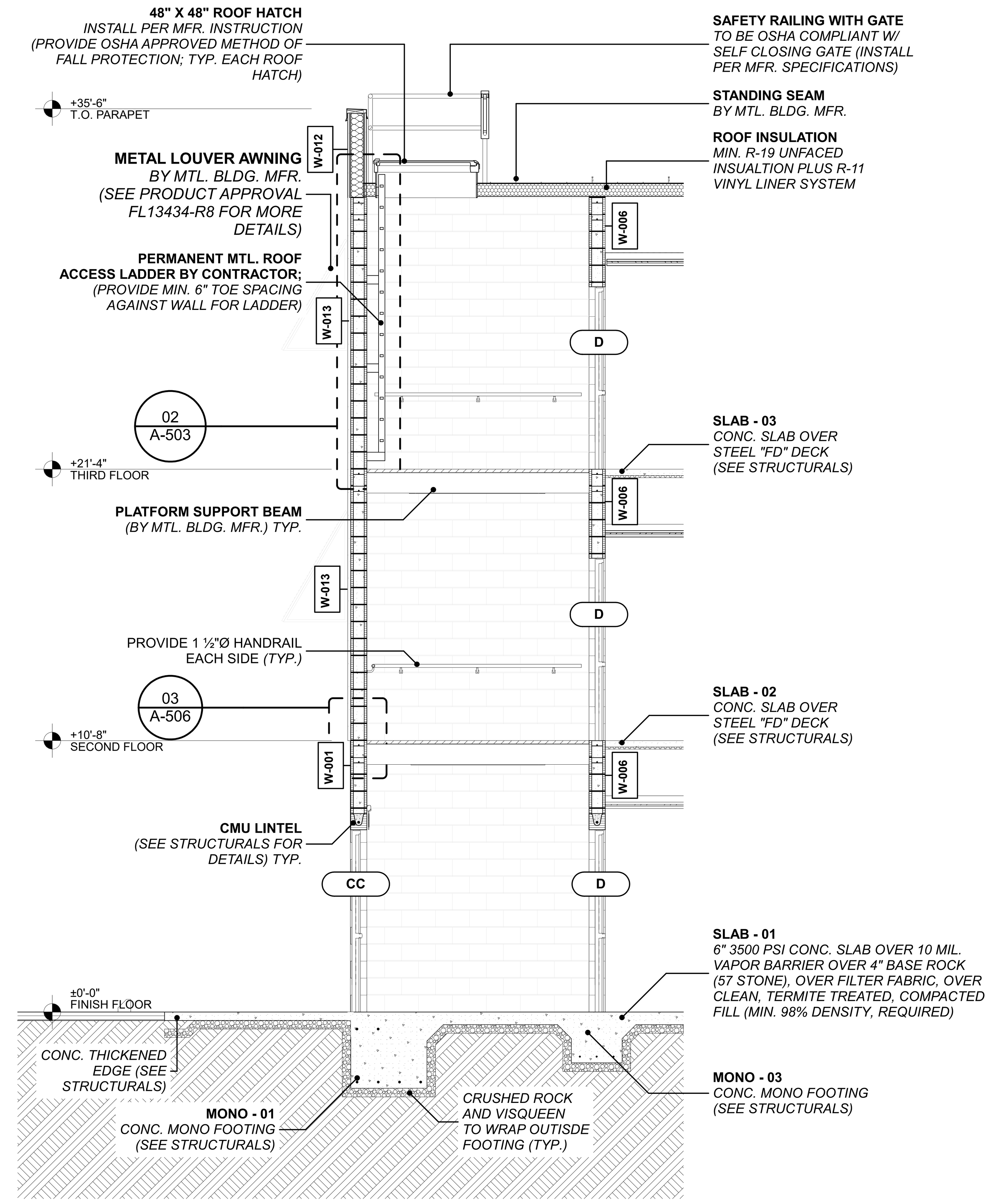
BUILDING SHELL, EXTERIOR METAL CLADDING, AND METAL FLASHING BY MTL. BLDG. MFR. *(TO INCLUDE BACKSIDE OD PARAPET, SEE PEMB DRAWINGS)*

SECTION "C" IS FOR BOTH NORTH AND SOUTH STAIRWELLS



SECTION "C" - SOUTH STAIRWELL

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



SECTION "D" - SOUTH STAIRWELL

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

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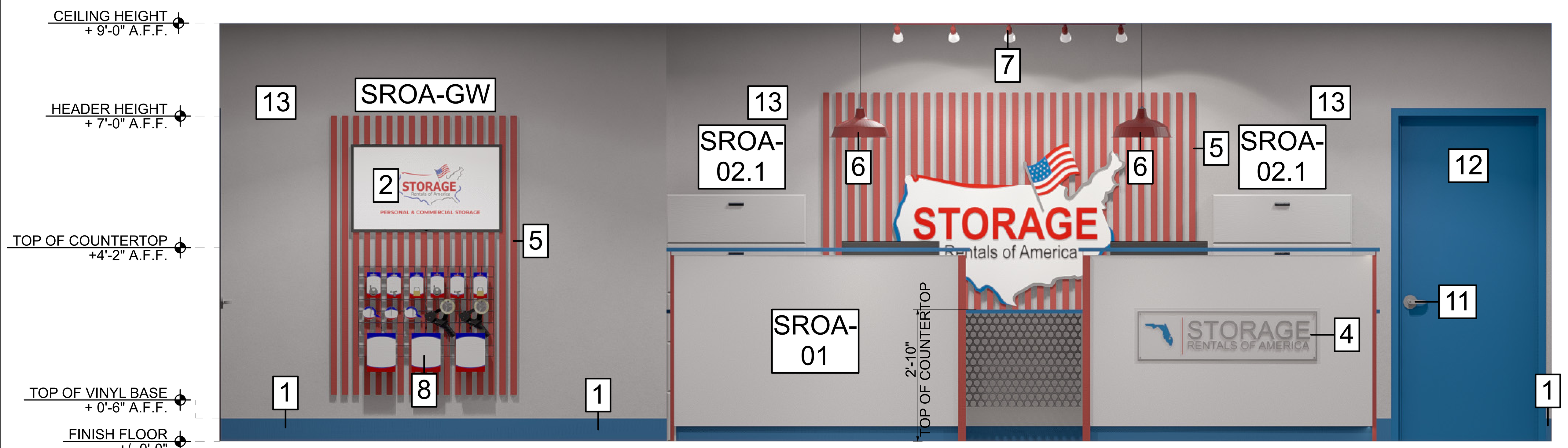
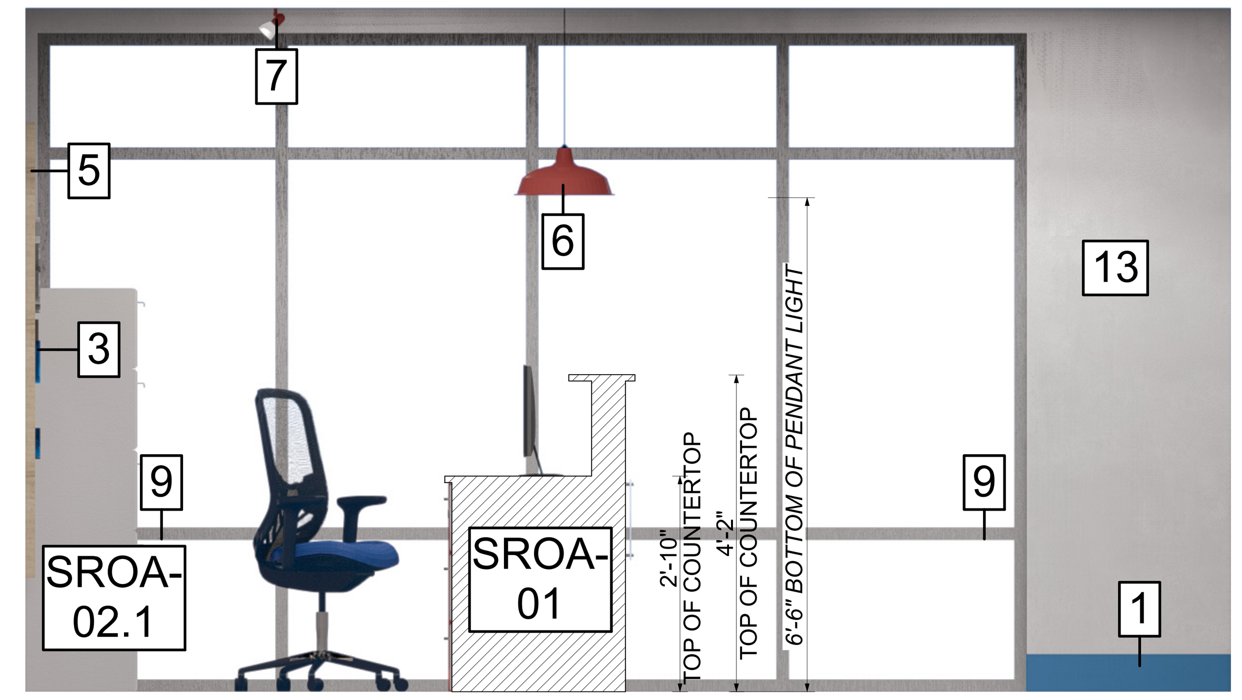
SHEET
A-302

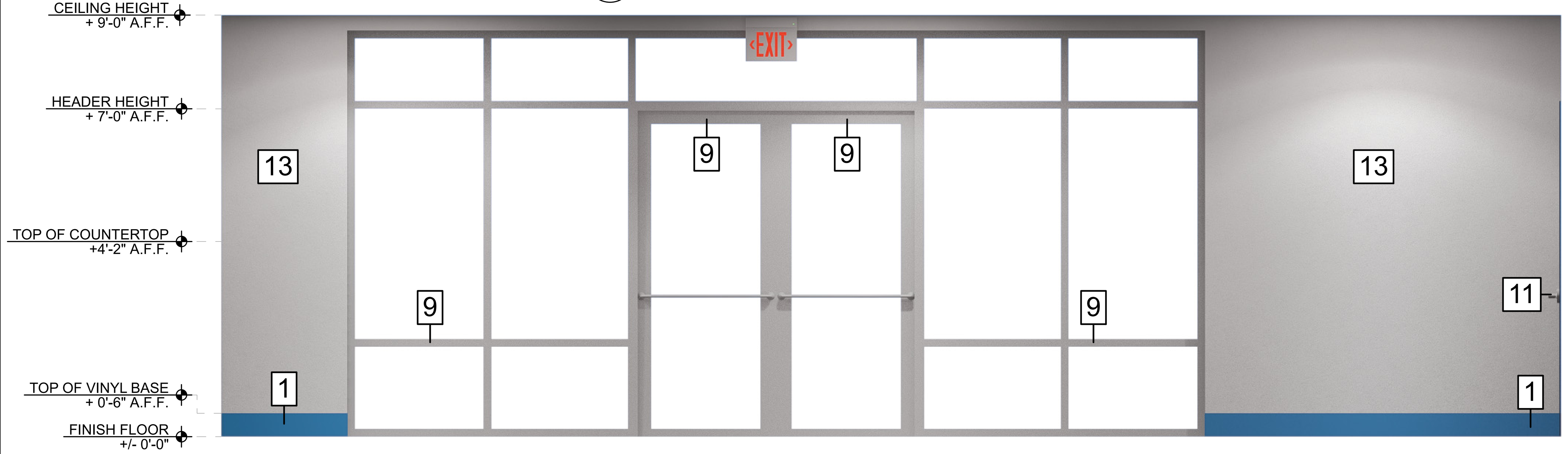
ARCHITECTURAL SECTIONS 2



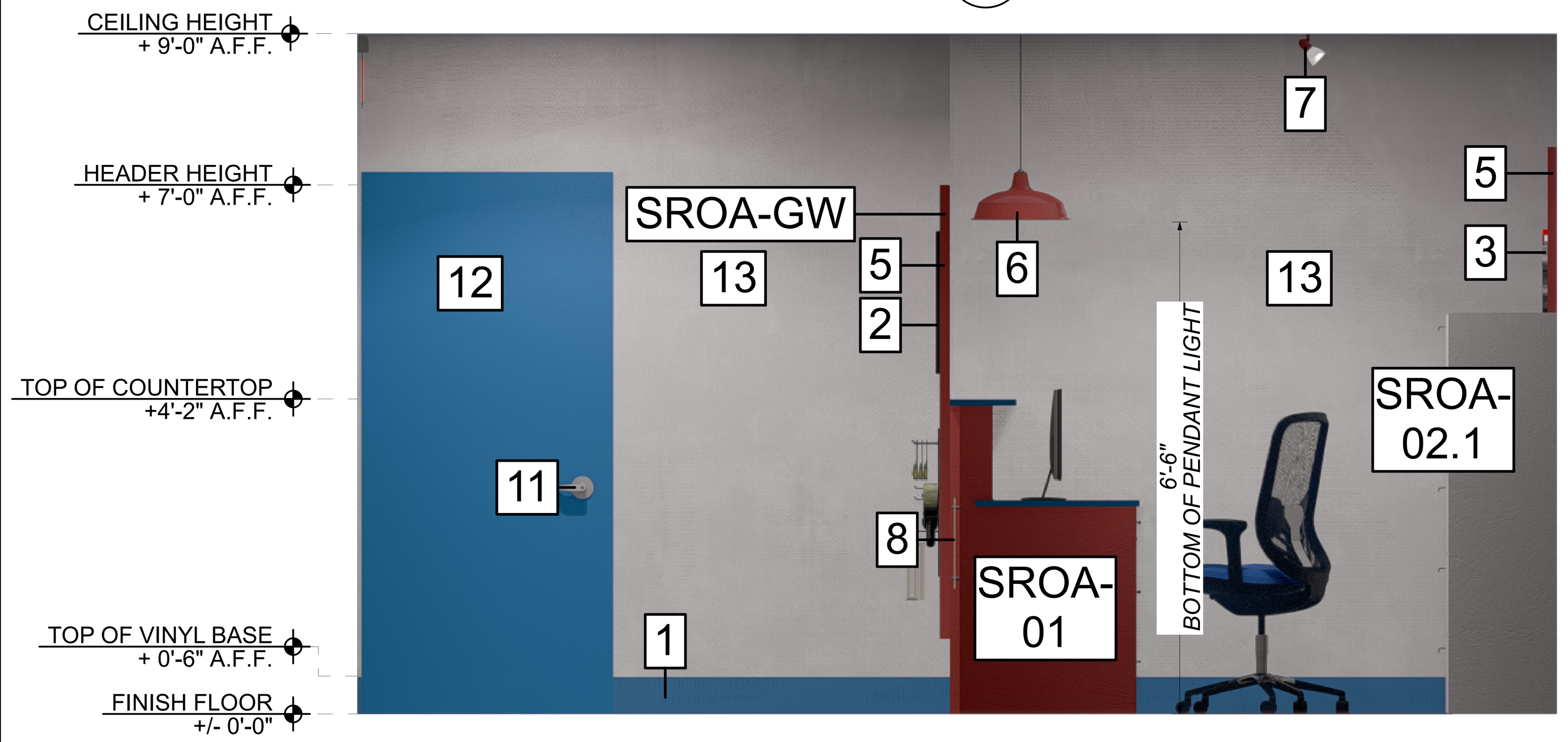
A1 A-401 **INTERIOR CUSTOMER SERVICE/SALES "A"**
SCALE: 1/2" = 1'-0"



B1 A-401 **INTERIOR CUSTOMER SERVICE/SALES "B"**
SCALE: 1/2" = 1'-0"

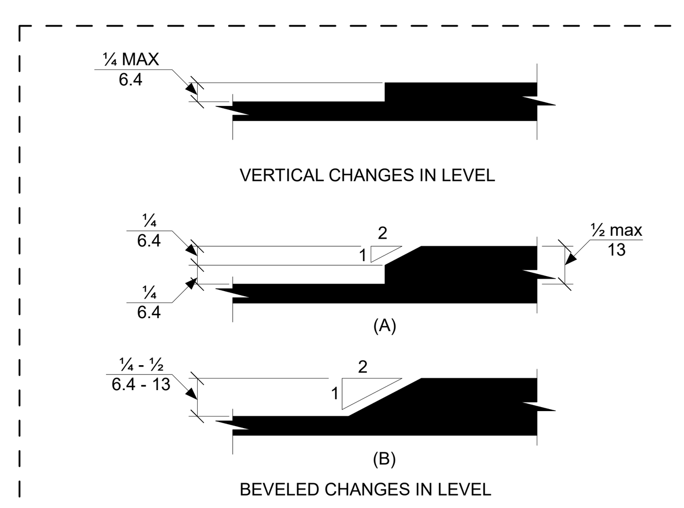


C1 A-401 **INTERIOR CUSTOMER SERVICE/SALES "C"**
SCALE: 1/2" = 1'-0"

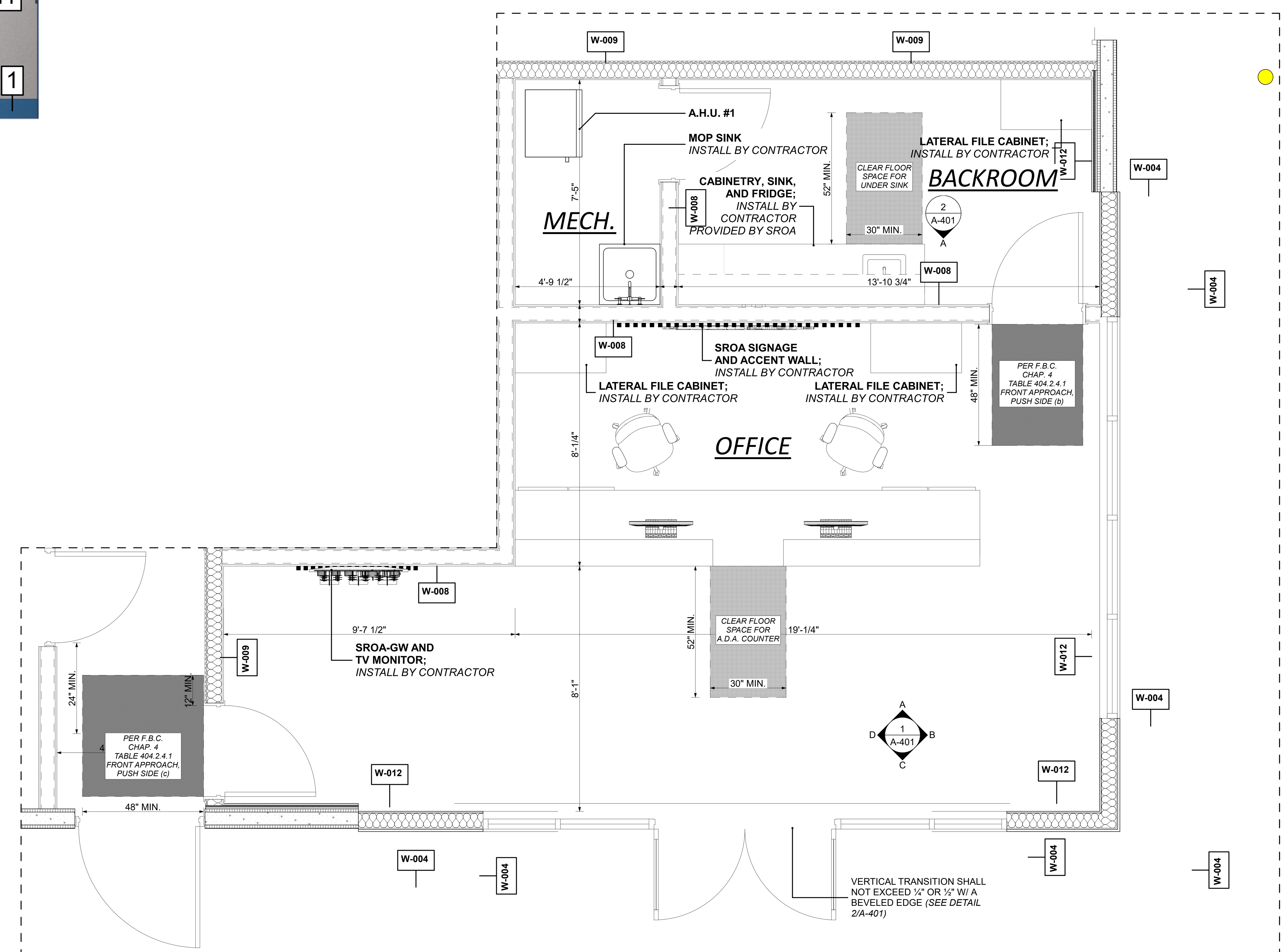


D1 A-401 **INTERIOR CUSTOMER SERVICE/SALES "D"**
SCALE: 1/2" = 1'-0"

A2 A-401 **INTERIOR BACK ROOM "A"**
SCALE: 1/2" = 1'-0"



02 A-401 **DETAIL @ A.D.A. TRANSITION FLOOR**
NOT TO SCALE



01 A-401 **ENLARGED OFFICE PLAN**
SCALE: 3/8" = 1'-0"

ELEVATION NOTES:

1	NEW 6" VINYL BASE BY JOHNSONITE #18 NAVY BLUE
2	NEW 43" LED TV W/ MOUNTING HARDWARE, PROVIDED BY SROA, INSTALLED BY CONTRACTOR. (*PROVIDE WOOD BACKING*)
3	INSTALL NEW STORAGE RENTALS OF AMERICA BRANDING SIGN, SUPPLIED BY SROA.
4	INSTALL NEW CUSTOM STORAGE RENTALS OF AMERICA SIGN, SUPPLIED BY SROA ON RECEPTION DESK.
5	INSTALL NEW PANEL GRILLE WALL. PAINTED SHERWIN WILLIAMS STOP RED: SW 6869, SEMI-GLOSS FINISH FOR ACCENT AND GRIDWALL, PROVIDED BY BUILDER.
6	INSTALL NEW PENDANT HANGING LIGHTS IN STOP RED OR EQUIVALENT COLOR.
7	INSTALL NEW TRACK DIRECTIONAL LIGHTING IN STOP RED OR EQUIVALENT COLOR.
8	INSTALL MERCHANDISE ON PANEL GRILLE WALL WITH METAL GRID AND ACCESSORIES.
9	INSTALL WINDOW/DOOR ASSEMBLY IN ALUMINIUM FROM MANUFACTURER.
10	INSTALL NEW CABINETRY (*BASE AND UPPERS*), KITCHEN APPLIANCES AND A.D.A. SKIRT AT SINK LOCATION. SINK CONTROLS TO ACCESSIBLE AND ANY EXPOSED PIPES SHALL BE WRAPPED
11	INSTALL NEW DOOR HARDWARE (*ACCESSIBLE HARDWARE*)
12	SHERWIN WILLIAMS FRANK BLUE: SW 6967, SEMI-GLOSS FINISH. DOOR AND FRAME
13	SHERWIN WILLIAMS BRIGHT WHITE: SW 7007, EGGSHELL PROMAR 400 (*MIN.*)

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AR91402
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01/19/2024

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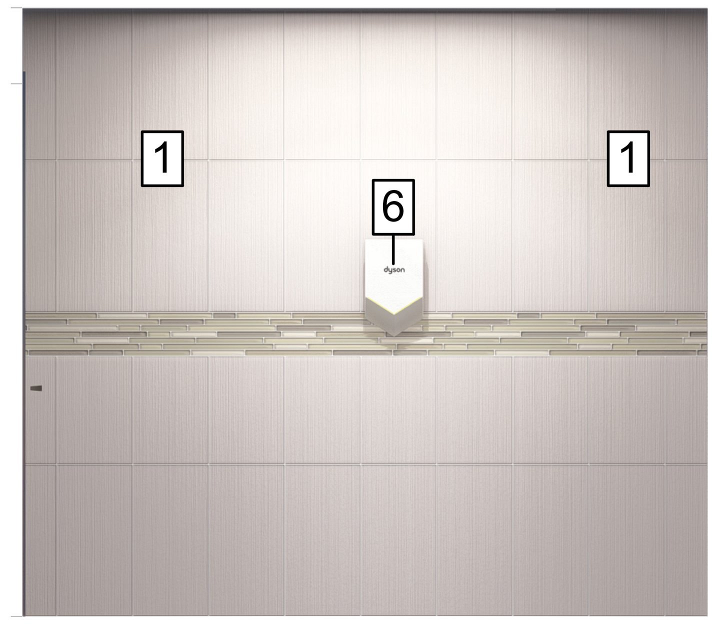
CHECKED BY S.M.K.

DATE 1/12/2024

SHEET A-401

ENLARGED OFFICE PLAN / OFFICE ELEVATIONS

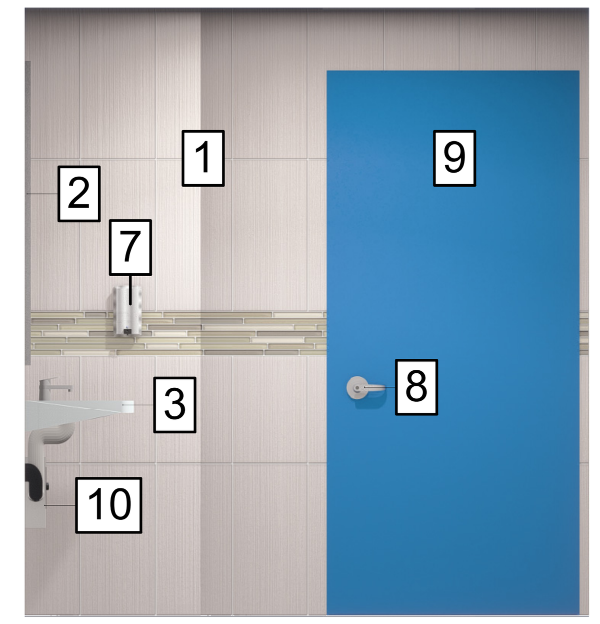
CEILING HEIGHT
+ 8'-0" A.F.F.
HEADER HEIGHT
+ 7'-0" A.F.F.
FINISH FLOOR
+/- 0'-0"



A1 / A-402 **PUBLIC RESTROOM #1 "A"**
SCALE: 1/2" = 1'-0"

B1 / A-402 **PUBLIC RESTROOM #1 "B"**
SCALE: 1/2" = 1'-0"

C1 / A-402 **PUBLIC RESTROOM #1 "C"**
SCALE: 1/2" = 1'-0"

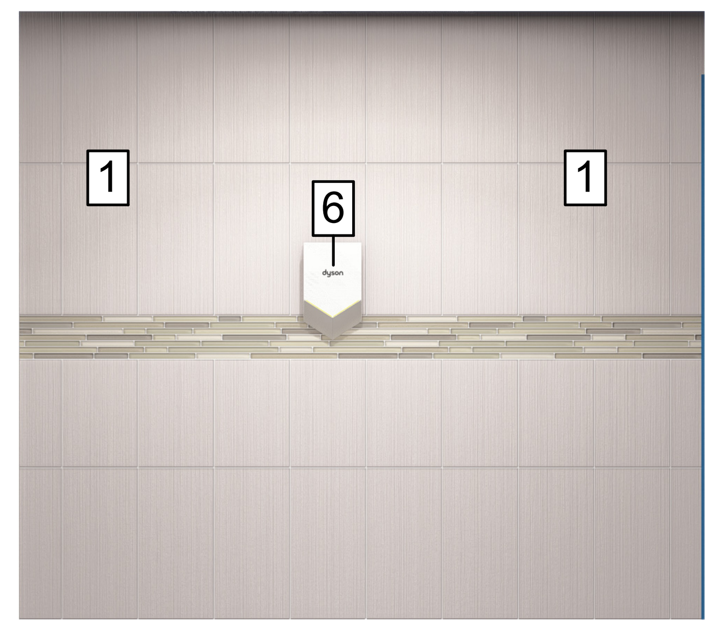


D1 / A-402 **PUBLIC RESTROOM #1 "D"**
SCALE: 1/2" = 1'-0"

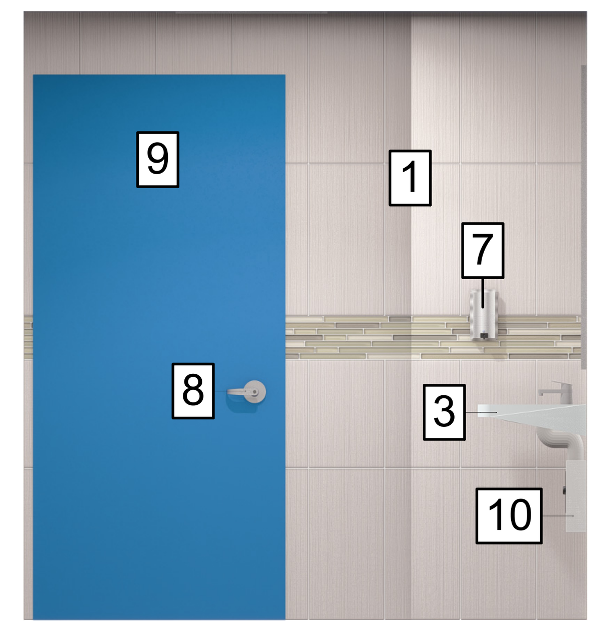
CEILING HEIGHT
+ 8'-0" A.F.F.
HEADER HEIGHT
+ 7'-0" A.F.F.
FINISH FLOOR
+/- 0'-0"

A2 / A-402 **PUBLIC RESTROOM #2 "A"**
SCALE: 1/2" = 1'-0"

B2 / A-402 **PUBLIC RESTROOM #2 "B"**
SCALE: 1/2" = 1'-0"



C2 / A-402 **PUBLIC RESTROOM #2 "C"**
SCALE: 1/2" = 1'-0"



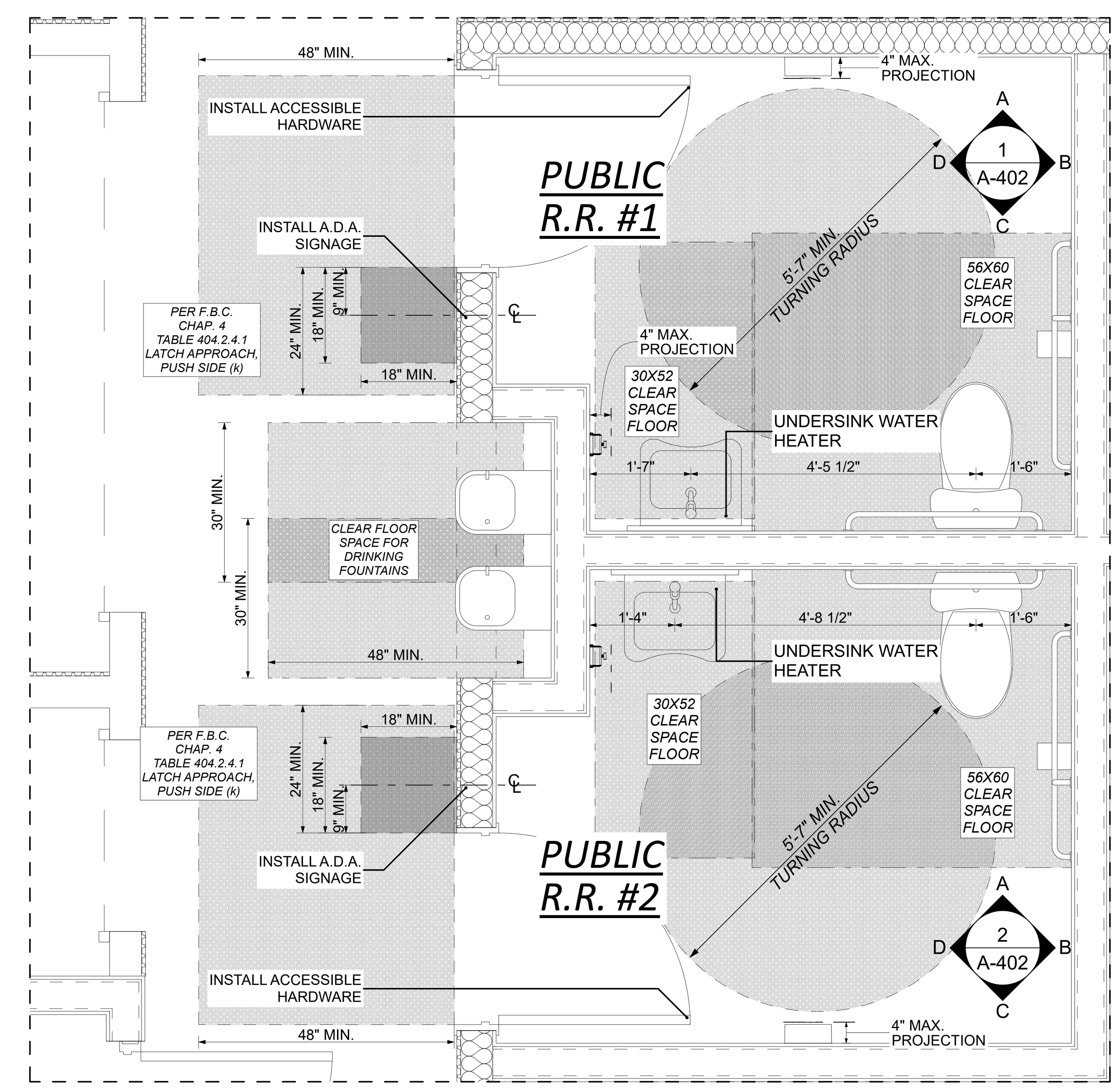
D2 / A-402 **PUBLIC RESTROOM #2 "D"**
SCALE: 1/2" = 1'-0"

GENERAL NOTE:

SEE SHEET A-403 FOR MOUNTING ELEVATIONS OF RESTROOM EQUIPMENT. SEE SHEET A-403 FOR PLAN MOUNTING DISTANCES.

ELEVATION NOTES

1	NEW ARTIZAN F.R.P. BOARD BY MARLITE, MODEL # 2141-SKY CENTRAL PARK ALABASTER WITH ACCENT ALL THE WAY TO THE CEILING.
2	INSTALL NEW 24"X48" MIRROR.
3	NEW PORCELAIN SINK SUPPLIED AND INSTALLED BY CONTRACTOR w/ PIPE WRAP.
4	INSTALL NEW PORCELAIN TOILET w/ CONTROLS TO BE LOCATED ON THE OPEN SIDE OF THE TOILET.
5	INSTALL NEW A.D.A GRAB BARS AS SPECIFIED.
6	INSTALL NEW DYSON AIRBLADE V HAND DRYER (*SKU307174-01*)
7	INSTALL NEW SOAP DISPENSER (*BOBRICK*)
8	INSTALL NEW DOOR HARDWARE (*ACCESSIBLE HARDWARE*)
9	SHERWIN WILLIAMS FRANK BLUE: SW 6967, SEMI-GLOSS FINISH. DOOR AND FRAME
10	INSTALL NEW INSTAHOT WATER HEATER UNDER SINK. (*ECO-SMART*)



ENLARGED PUBLIC A.D.A. RESTROOM PLANS
SCALE: 1/2" = 1'-0"

ENLARGED RESTROOM PLANS / RESTROOM ELEVATIONS

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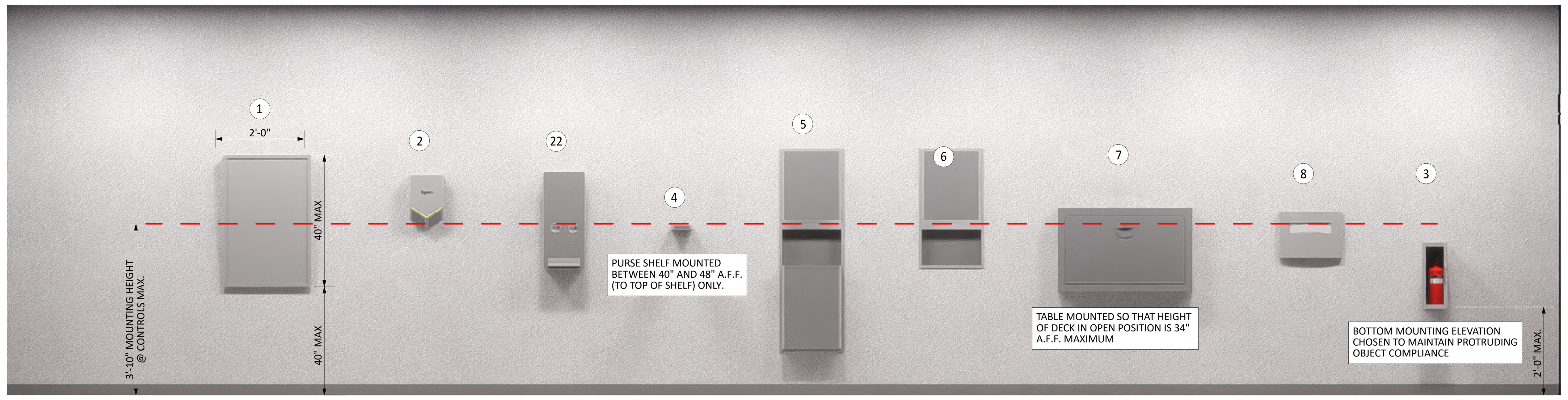
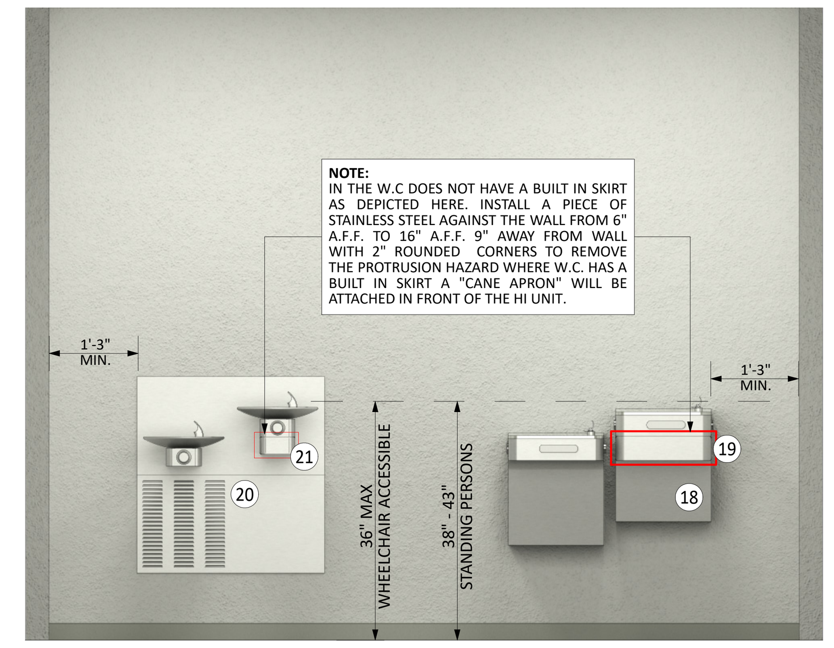
SHEET
A-402



TOILET ACCESSORIES



WATER COOLERS

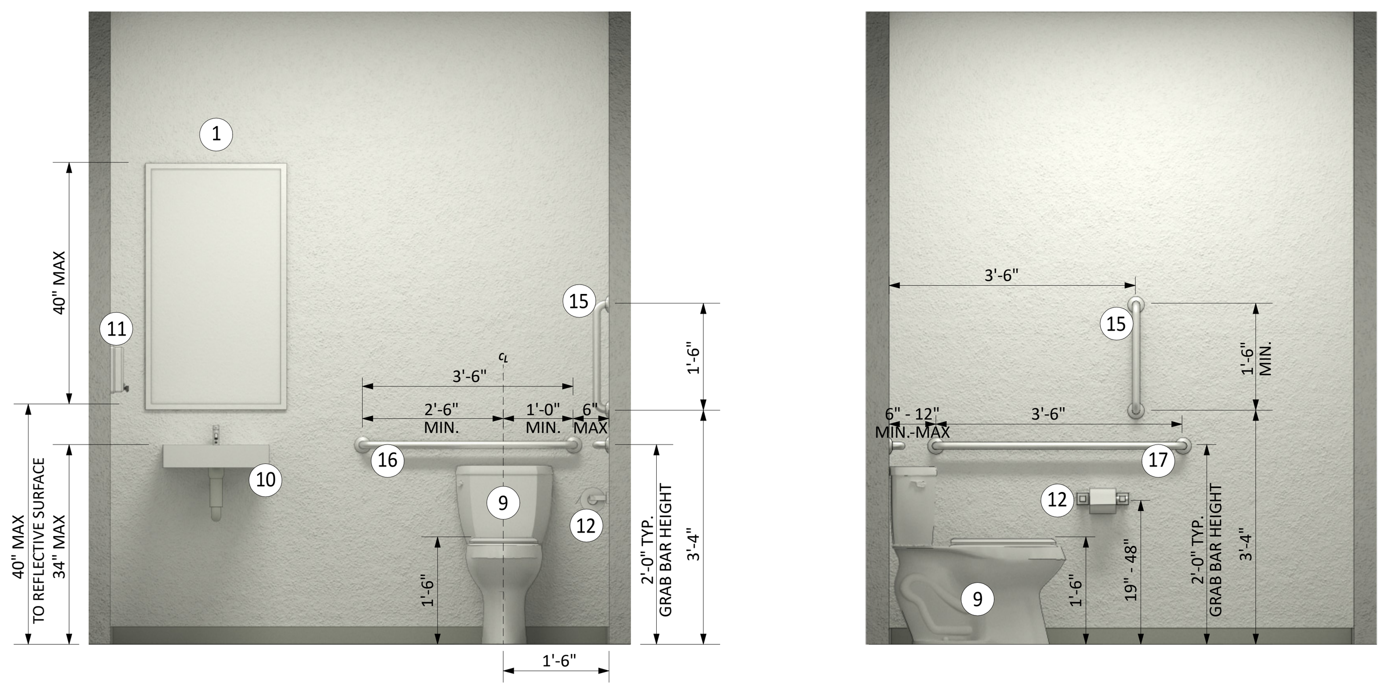
TOILET ACCESSORY SCHEDULE

SYMBOL	MFGR. NO / (OR APPROVED EQUAL BY SEARS)	DESCRIPTION (SEE SPECIFICATIONS)	MTG	HEIGHT
1	BOBRICK B-293 2436	FULL LENGTH MIRROR 24X48.		1 / 4.0
2	DYSON - SKU307174.01	HAND DRYER.	L	MFR.
3	FIRE EXTINGUISHER CABINET	SURFACE MOUNTED CABINET	SURF.	1 / 4.0
4	BOBRICK B-287	FOLDING UTILITY SHELF 14.5L x 5.75W.	T	1 / 4.0
5	BOBRICK B-43944	PAPER TOWEL DISP. RECS W/ GARBAGE.	L	1 / 4.0
6	BOBRICK B-36903	PAPER TOWEL DISP. SURF MOUNTED.	T	1 / 4.0
7	KOALA KARE KB-110-SSRE	BABY CHANGING STATION	L	MFR.
8	BOBRICK B-4221	TOILET SEAT COVER DISP.	C	1 / 4.0
9	AMERICAN STANDARD	FLOOR MOUNT BACK OUTLET TOILET.	B	1 / 4.0
10	AMERICAN STANDARD	WALL-MOUNT BATHROOM SINK.	T	1 / 4.0
11	BOBRICK B-2111	SOAP DISP. WALL MOUNTED.		1 / 4.0
12	BOBRICK B-685	TOILET PAPER DISP DBL.	C	1 / 4.0
13	KOHLER K-2210	OVAL BASIN SINK.	T	1 / 4.0
14	BOBRICK B-824	SOAP DISP. COUNTER-MOUNTED.		1 / 4.0
15	BOBRICK B-5806 - 18	18" GRAB BAR - CONCEALED MOUNT.		
16	BOBRICK B-5806 - 42	42" GRAB BAR - CONCEALED MOUNT.	C	1 / 4.0
17	BOBRICK B-5806 - 48	48" GRAB BAR - CONCEALED MOUNT.	C	1 / 4.0
18	ELKAY VRCTLFR8SC	TWO STATION WALL MOUNT WATER COOLER		
19	ELKAY 98324C	ACCESSORY - CANE TOUCH APRON		
20	HAWS H1011.8HPS	DUAL WALL MOUNT FOUNTAIN		
21	HAWS SK3HPS	FOUNTAIN SKIRT		
22	BOBRICK B-4606 RECESSED	FEMININE NAPKIN DISPENSER, RECS.	T	1/4.0

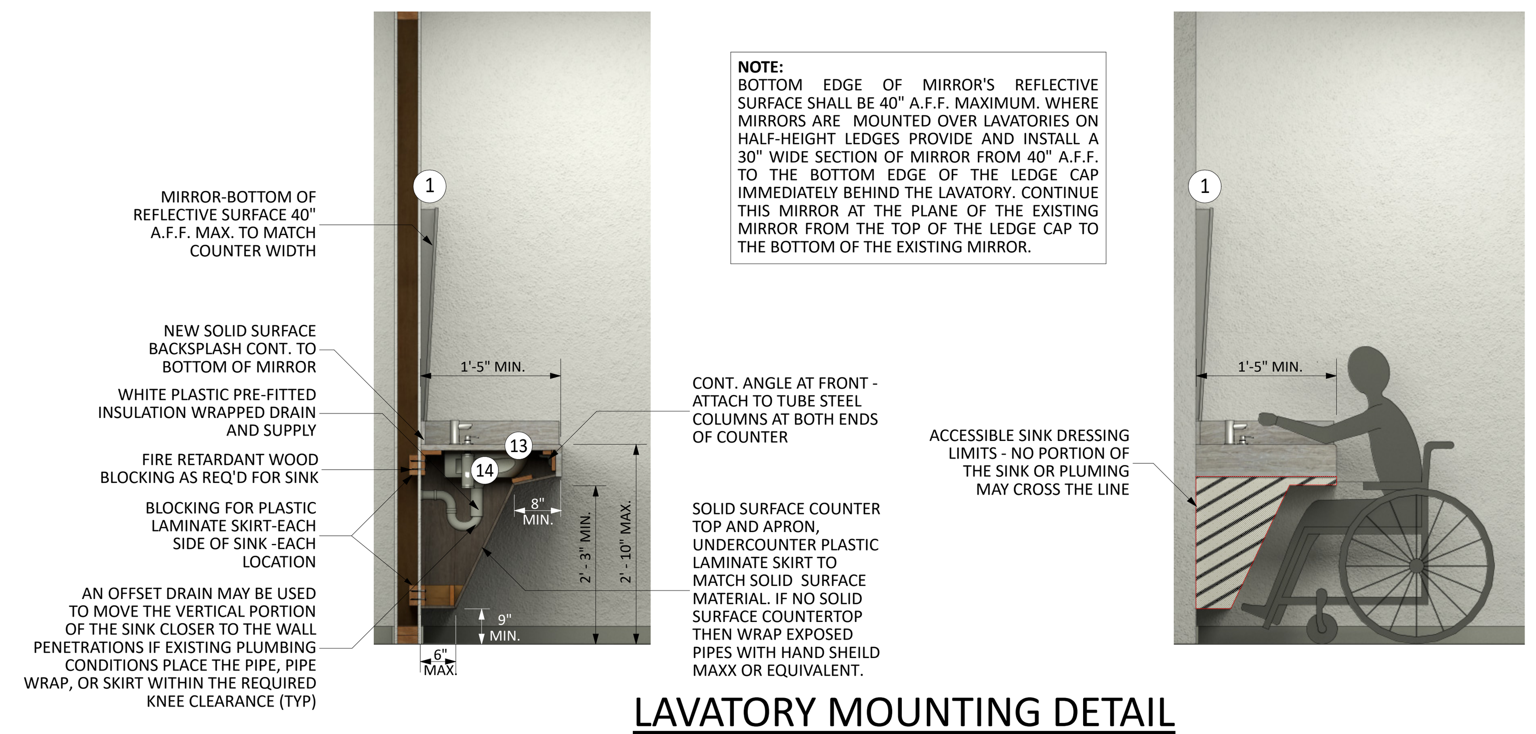
ABBREVIATIONS

DBL.	DOUBLE	CLEAR.	CLEARANCE
RECS.	RECESSED	HC.	HANDICAPPED
L	CONTROLS	MFR.	MANUFACTURER
T	TOP	DISP.	DISPENSER
C	CENTER	SURF.	SURFACE
B	BOTTOM		

NOTE:
EQUIPMENT MANUFACTURE SHOWN FOR REFERENCE ONLY.
APPROVED EQUALS MAY BE SUBSTITUTED. WHERE POSSIBLE IN EXISTING FACILITIES MATCH THE EXISTING EQUIPMENT AS CLOSELY AS POSSIBLE IN APPEARANCE.



TOILET



LAVATORY MOUNTING DETAIL

ACCESSIBLE SIGNAGE TEXT REQUIREMENTS

CHARACTER PROPORTIONS
LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10. UTILIZING AN UPPER CASE "X" FOR MEASUREMENT.

CHARACTER HEIGHT
SEE LETTER AND NUMBER HEIGHT CHART BELOW.
-EXCEPTION CHARACTER HEIGHT SHALL BE 5/8" MINIMUM FOR BUILDING DIRECTORIES

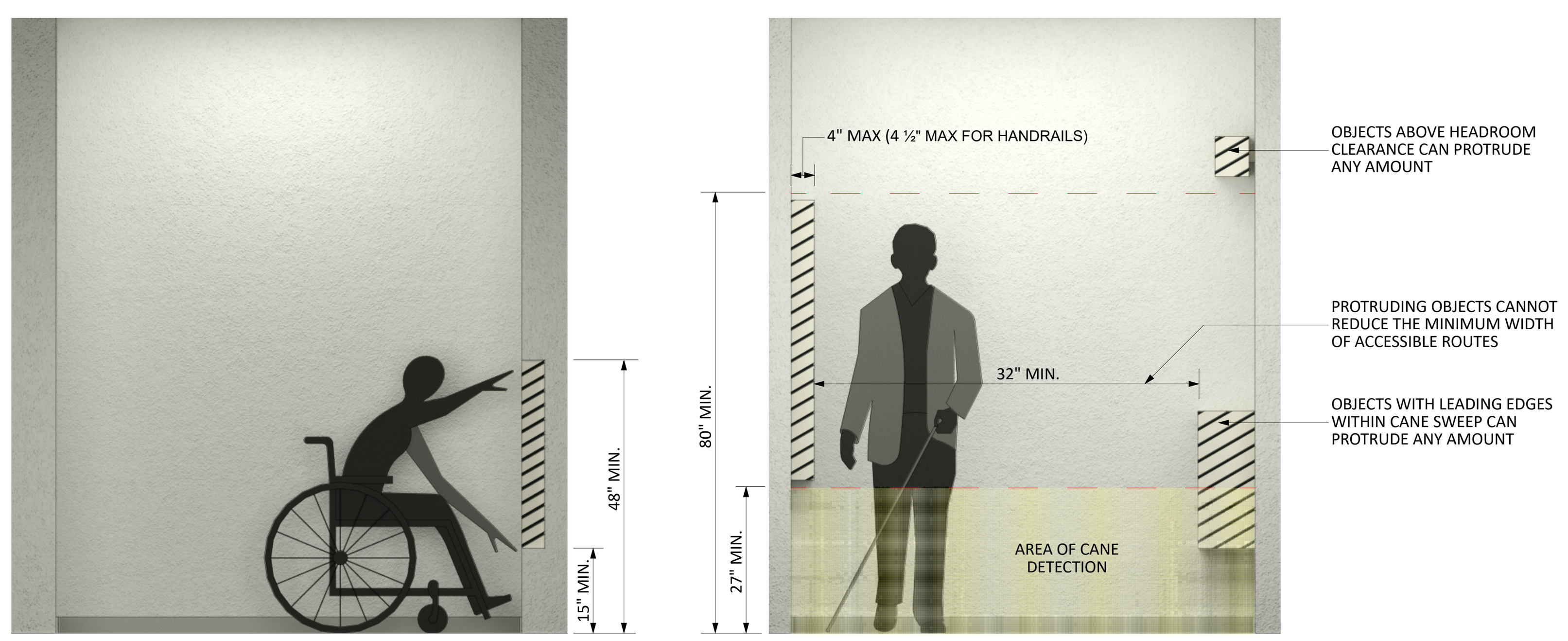
FINISH AND CONTRAST:
THE CHARACTERS, SYMBOLS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OT OTHER NON-GLARE FINISH. CHARACTERS ANS SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

RAISED CHARACTERS AND SYMBOLS:
CHARACTERS ANS SYMBOLS ON TACTILE SIGNS SHALL BE RAISED 1/32" MINIMUM. RAISED CHARACTERS AND SYMBOLS SHALL BE IN UPPERCASE CHARACTERS. RAISED CHARACTERS AND SYMBOLS SHALL BE 5/8 HIGHT MINIMUM AND 2" MAXIMUM. RAISED CHARACTERS AND SYMBOLS SHALL BE ACCOMPANIED BY BRAILLE IN ACCORDANCE WITH THE PROVISIONS OUTLINED BELOW.

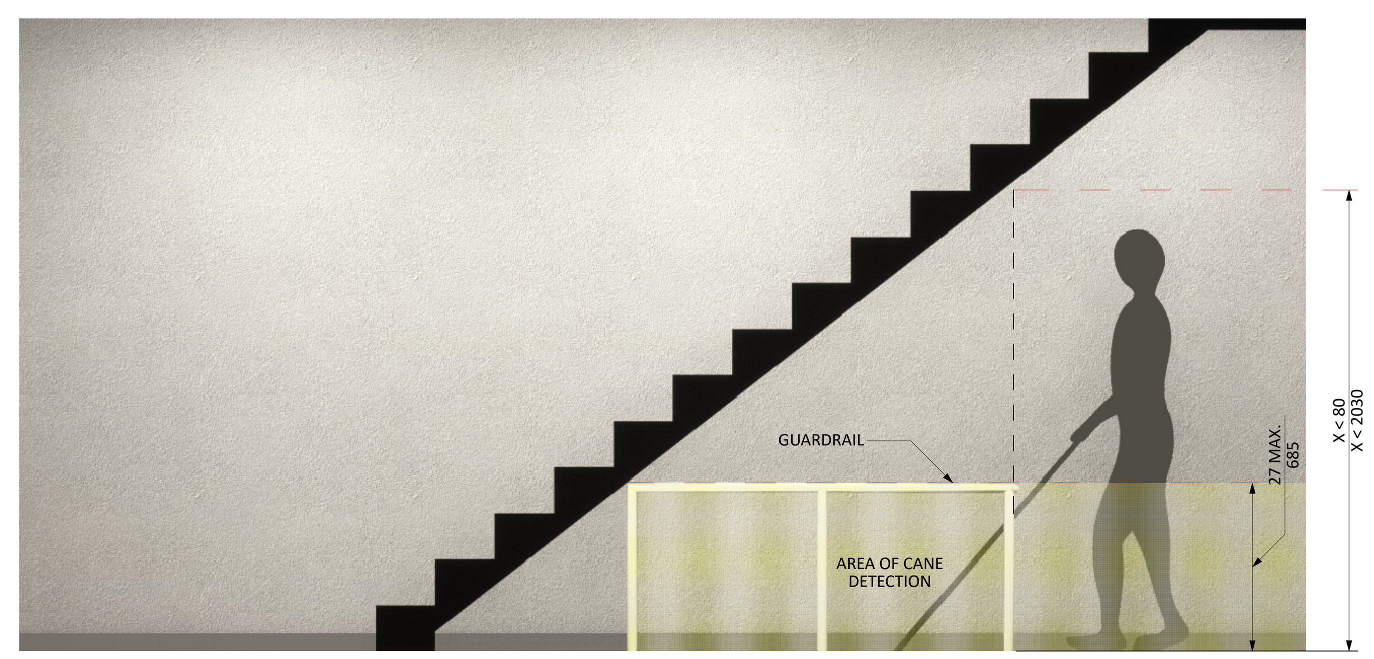
BRAILLE:
BAILLE SHALL BE SEPARATED 1/2" MINIMUM FROM THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS. BRAILLE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS FOR ELEVATOR CONTROLS SHALL BE PLACED 3/1 "MINIMUM BELOW THE CORRESPONDING CHARACTERS OR SYMBOLS. BRAILLE SHALL BE GRADE II AND SHALL CONFORM TO THE SPECIFICATION "800, NATIONAL LIBRARY SERVICE, LIBRARY OF CONGRESS."

LOCATION OF TACTILE SIGNAGE:
TACTILE SIGNAGE SHALL BE LOCATED ALONGSIDE THE DOOR ON THE LATCH SIDE AND SHALL BE MOUNTED AT "ABOVE THE ADJACENT FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. IN LOCATIONS HAVING DOUBLE DOORS TACTILE SIGNS SHALL BE MOUNTED TO THE RIGHT OF THE RIGHT HAND DOOR WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF THE DOOR INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL.

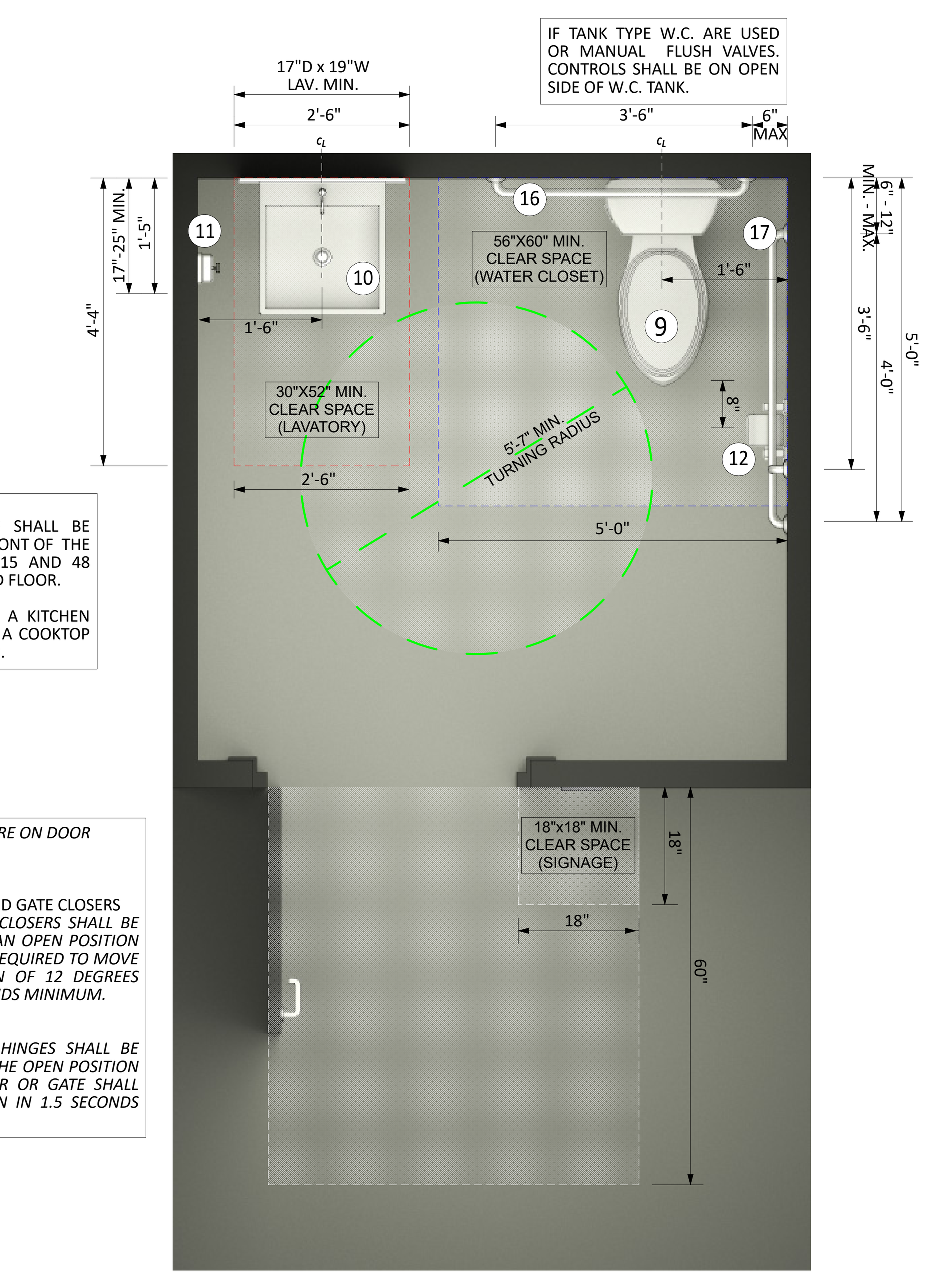
GENERAL NOTE:
ANY ADDITIONAL TEXT REQUIRED DUE TO LOCAL ORDINANCES (FINES FOR PARKING IN ACCESSIBLE SPACE, ETC.) SHALL COMPLY WITH THE SIGNAGE REQUIREMENTS ABOVE.



TYPICAL FORWARD REACH ACCESS



TYPICAL VERTICAL CLEARANCE



NOTE:
TOILET PAPER DISPENSERS SHALL BE MOUNTED 7-9 INCHES IN FRONT OF THE WATER CLOSET BETWEEN 15 AND 48 INCHES ABOVE THE FINISHED FLOOR.

A PARALLEL APPROACH TO A KITCHEN SINK IS PERMITTED WHERE A COOKTOP OR RANGE IS NOT PROVIDED.

NOTE: *ACCESSIBLE HARDWARE ON DOOR*

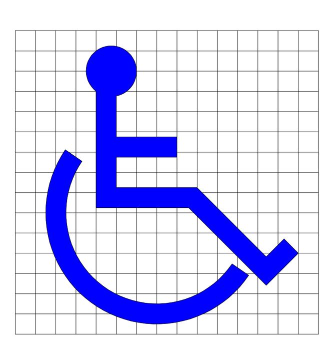
SELF CLOSING HINGES

404.2.8.1 DOOR CLOSERS AND GATE CLOSERS
DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.

404.2.8.2 SPRING HINGES
DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO CLOSED POSITION IN 1.5 SECONDS MINIMUM.

W.C. CLEARANCES

ADA SIGNAGE SHALL BE MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. SIGNS SHALL BE MOUNTED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING IN THE SWING OF THE DOOR.



PROPORTIONS OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY

LETTER AND NUMBER HEIGHTS	
HEIGHT ABOVE FLOOR/GROUND	MINIMUM CHARACTER HEIGHT
MORE THAN 80"	3"
MORE TAN 60" BUT NOT MORE THAN 80"	2"
MORE TAN 48" BUT NOT MORE THAN 0"	1"

TYPICAL RESTROOM SIGNAGE

BLOCKING DETAIL

ACCESSIBLE FIXTURE NOTES / A.D.A. DETAILS

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NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
1/19/2024
REGISTERED ARCHITECT

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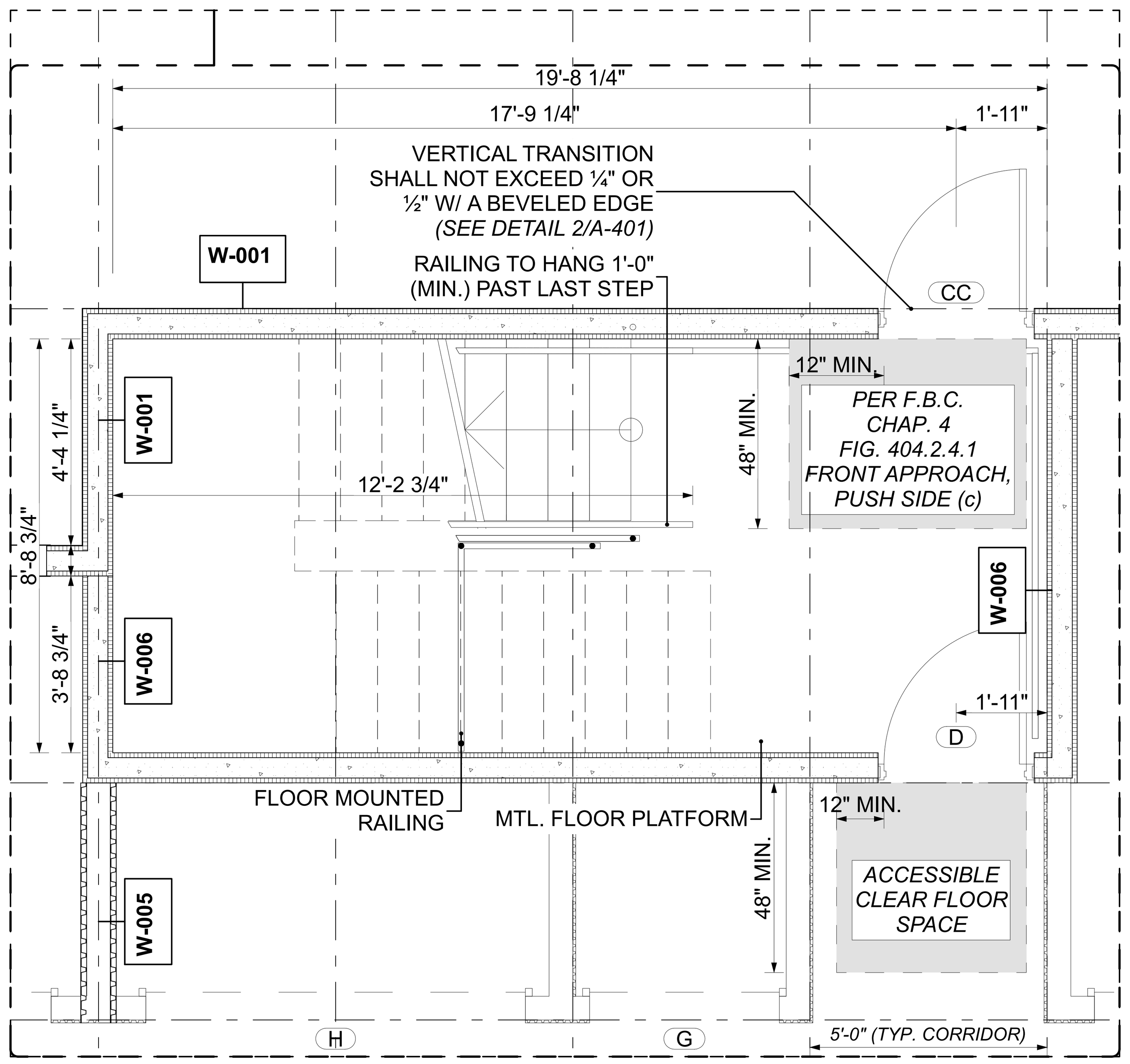
REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-403

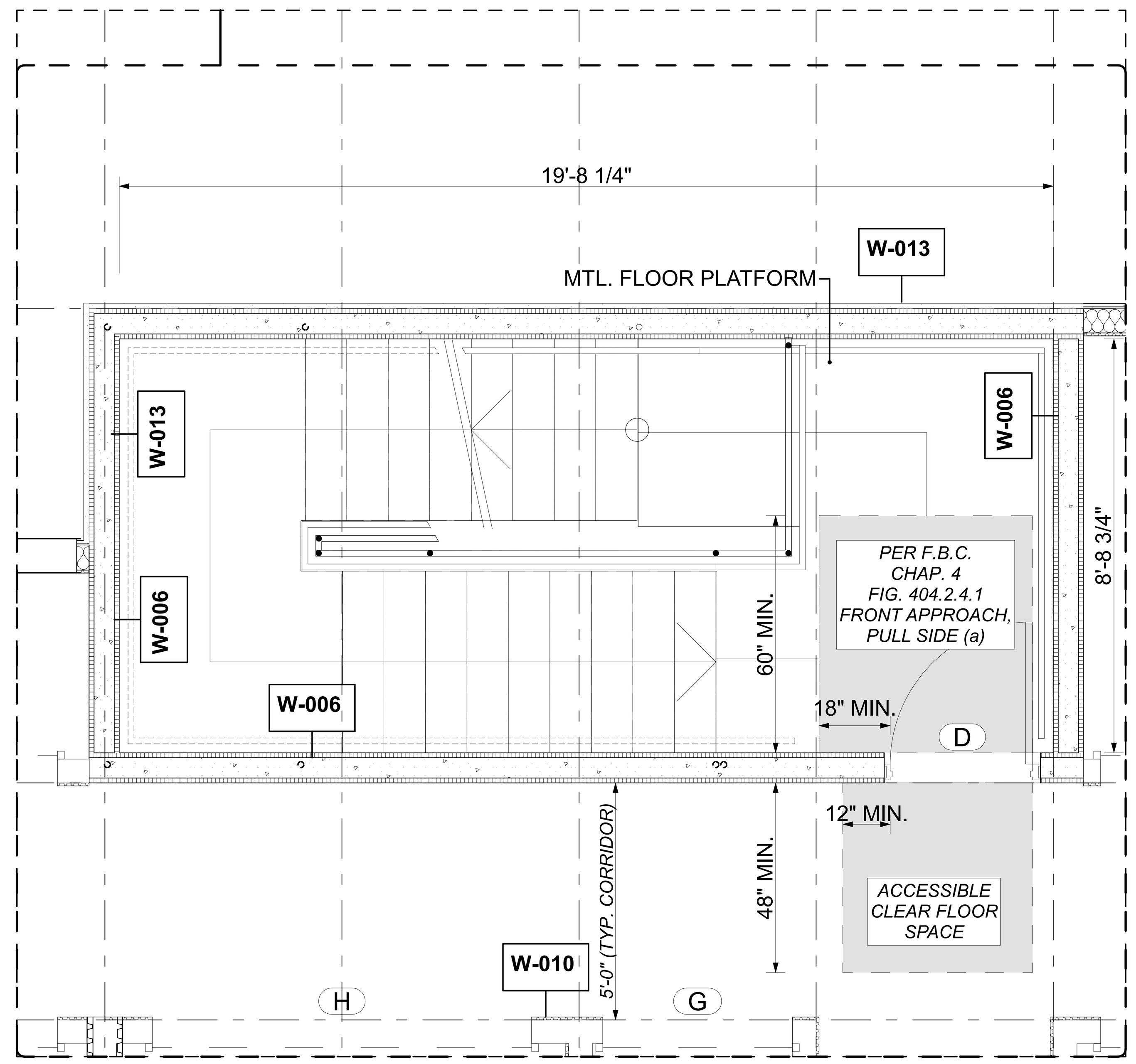
GENERAL NOTE:

ALL STRUCTURAL STAIR / RAILING COMPONENTS TO BE ENGINEERED BY OTHERS. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF STAIRS TO ARCHITECT OF RECORD PRIOR TO FABRICATION.	METAL GUARDRAIL/HANDRAIL AND PICKETT SYSTEM BY CONTRACTOR; CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT OF RECORD FOR REVIEW PRIOR TO FABRICATION. (TYP.)



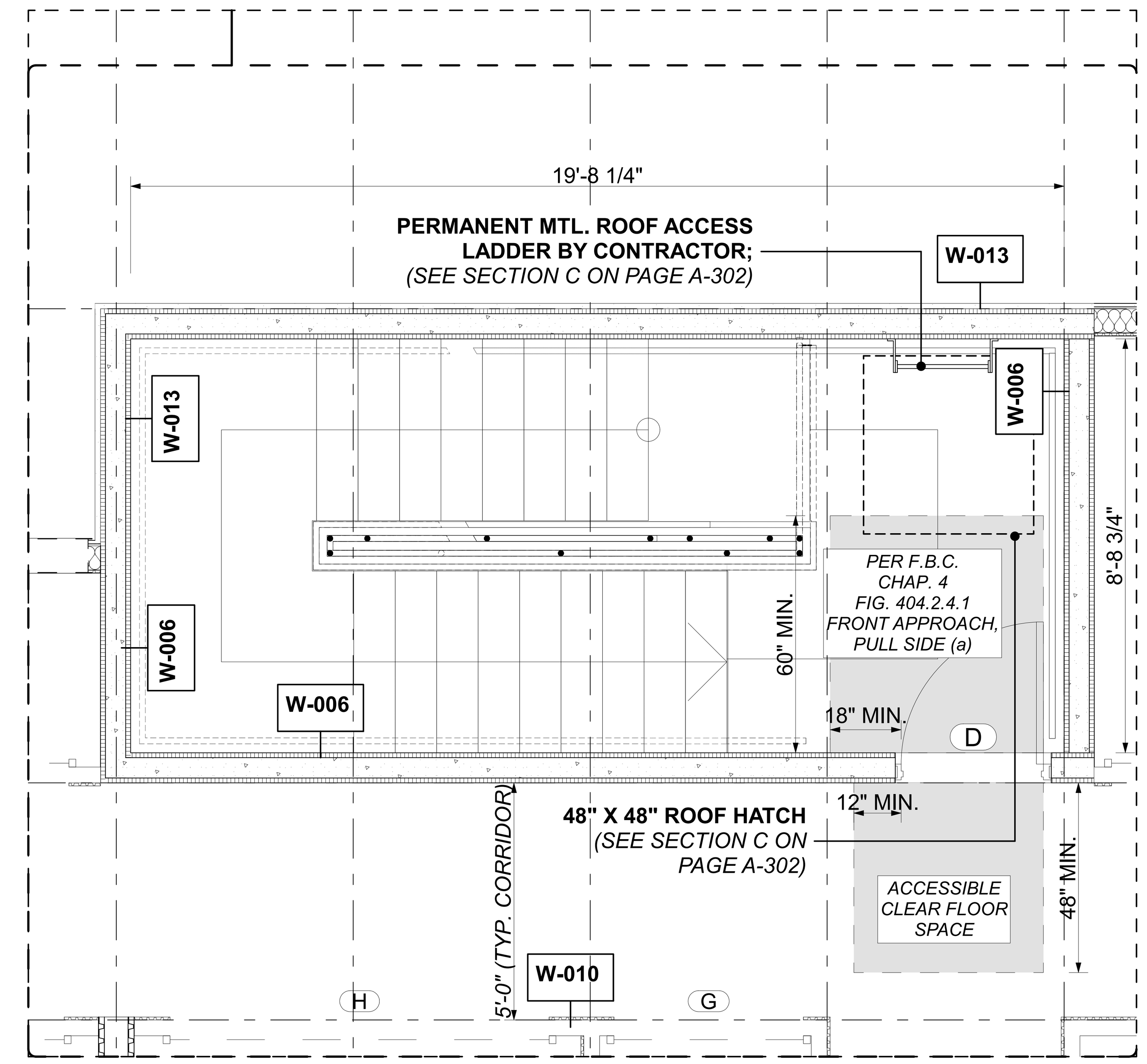
01 A-501 **1ST FLR - ENLARGED NORTH STAIRWELL PLAN**

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



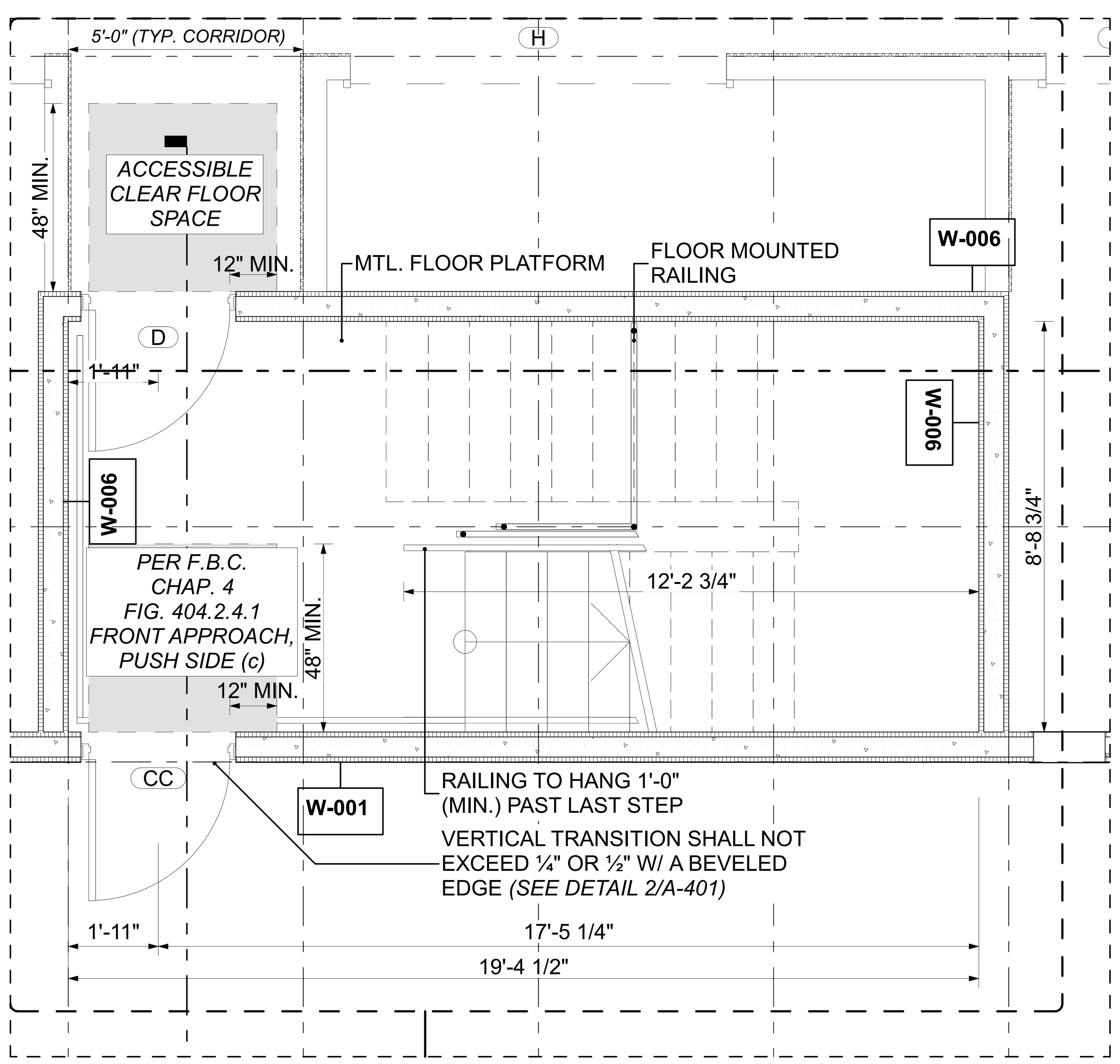
02 A-501 **2ND FLR - ENLARGED NORTH STAIRWELL PLAN**

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



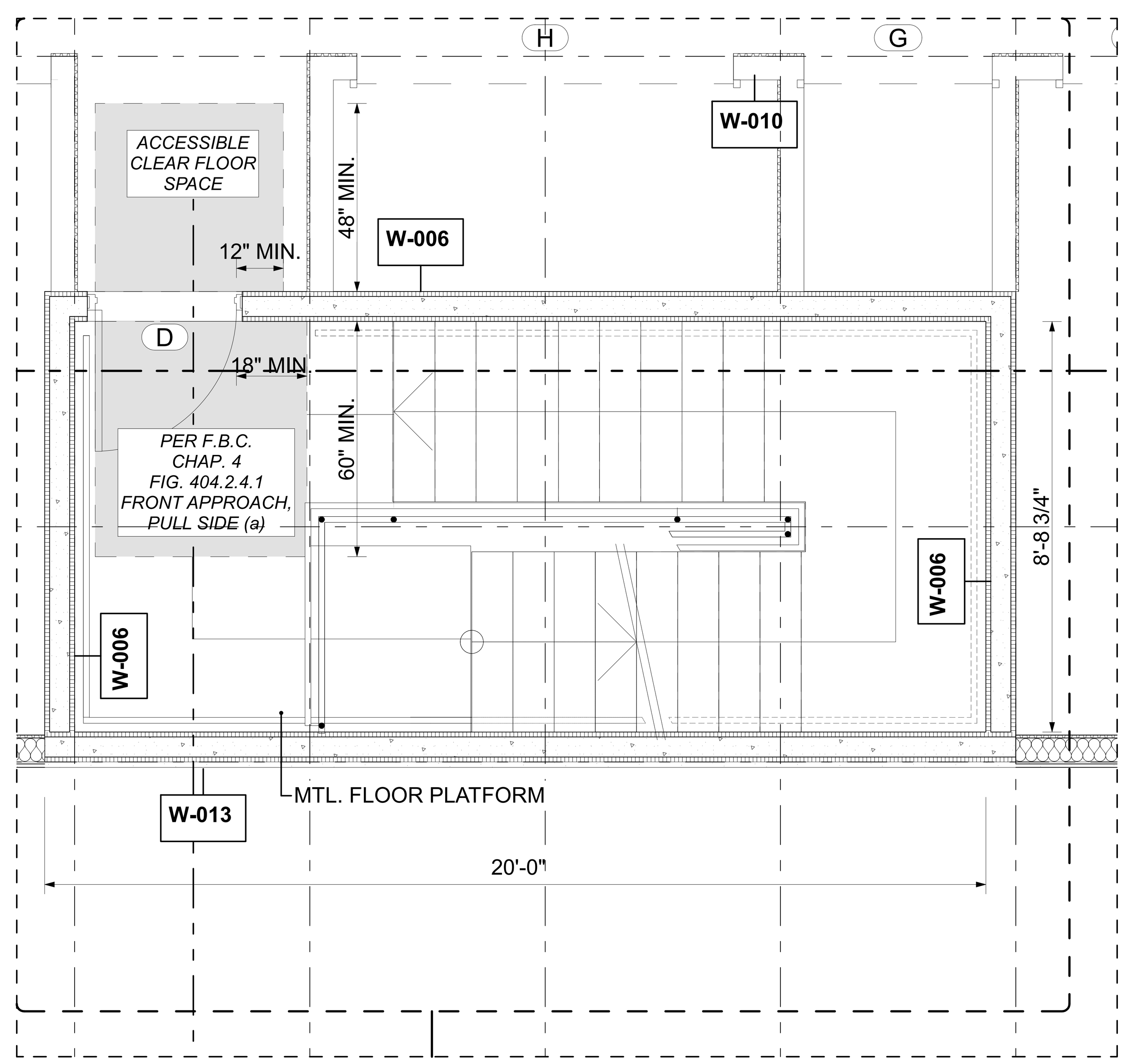
03 A-501 **3RD FLR - ENLARGED NORTH STAIRWELL PLAN**

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



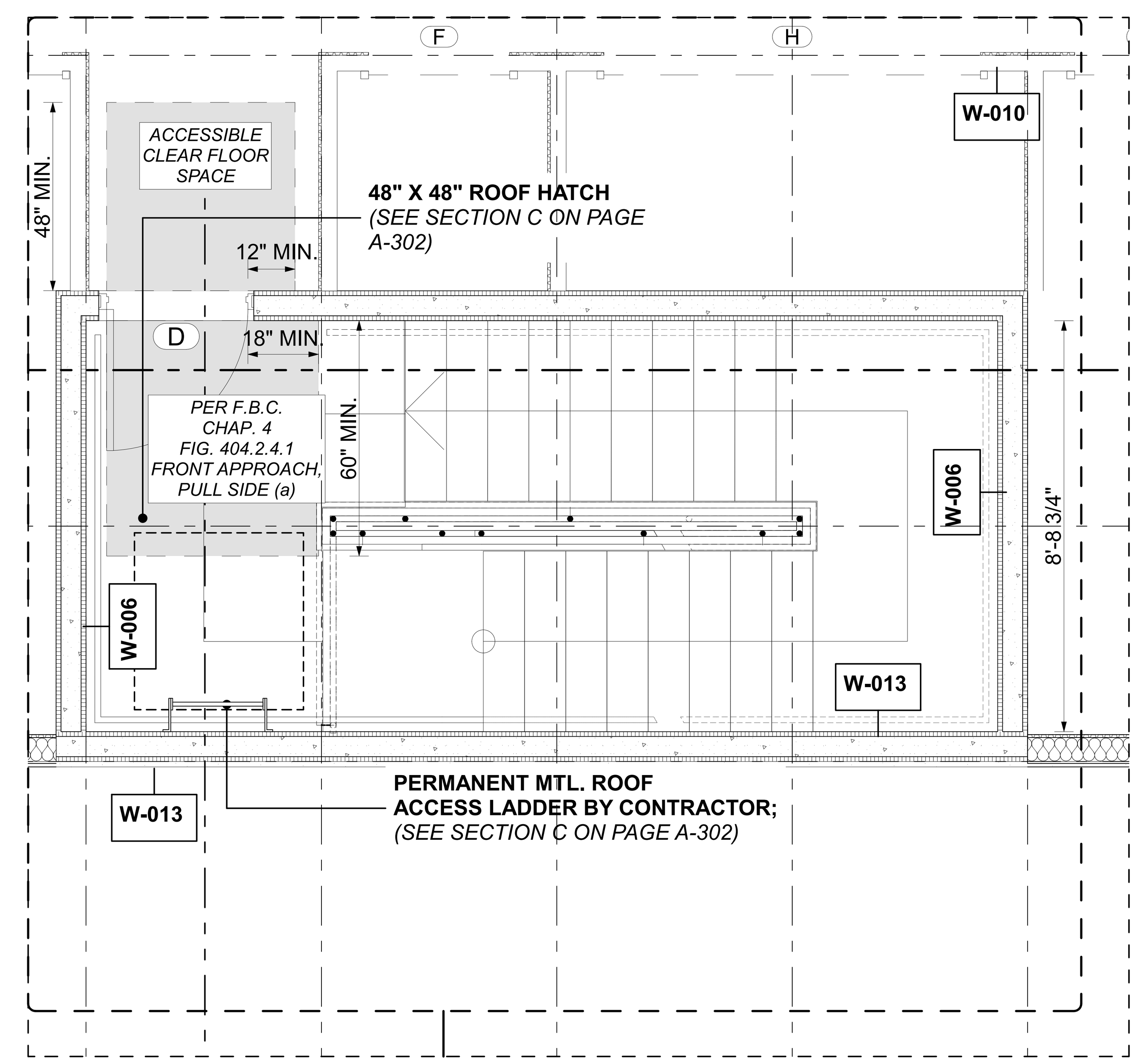
04 A-501 **1ST FLR - ENLARGED SOUTH STAIRWELL PLAN**

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



05 A-501 **2ND FLR - ENLARGED SOUTH STAIRWELL PLAN**

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



06 A-501 **3RD FLR - ENLARGED SOUTH STAIRWELL PLAN**

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

ARCHITECTURAL ENLARGED STAIRWELL PLANS

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NEW THREE-STORY STORAGE FACILITY

STORAGE RENTALS OF AMERICA

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LIABILITY NOTE

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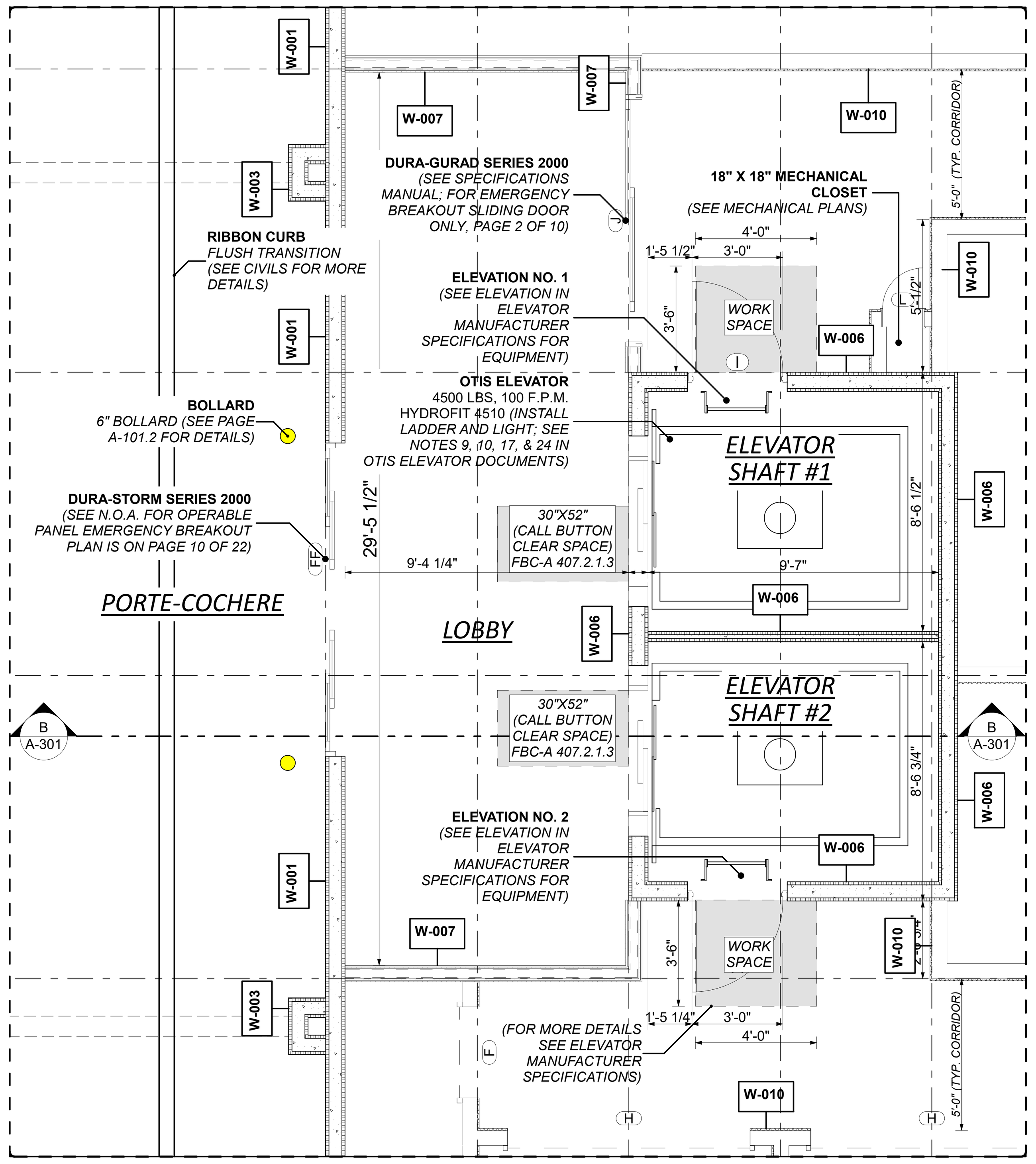
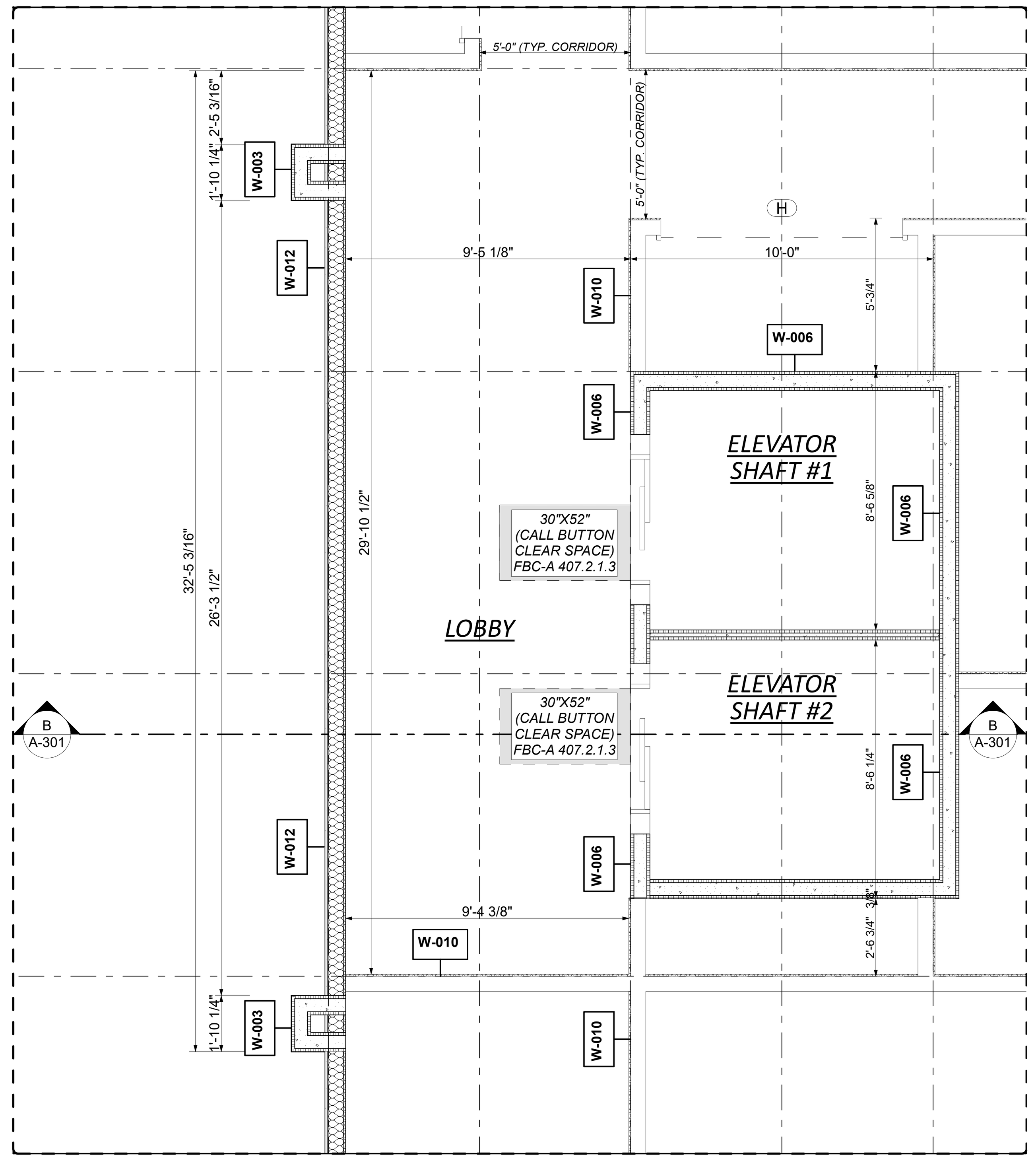
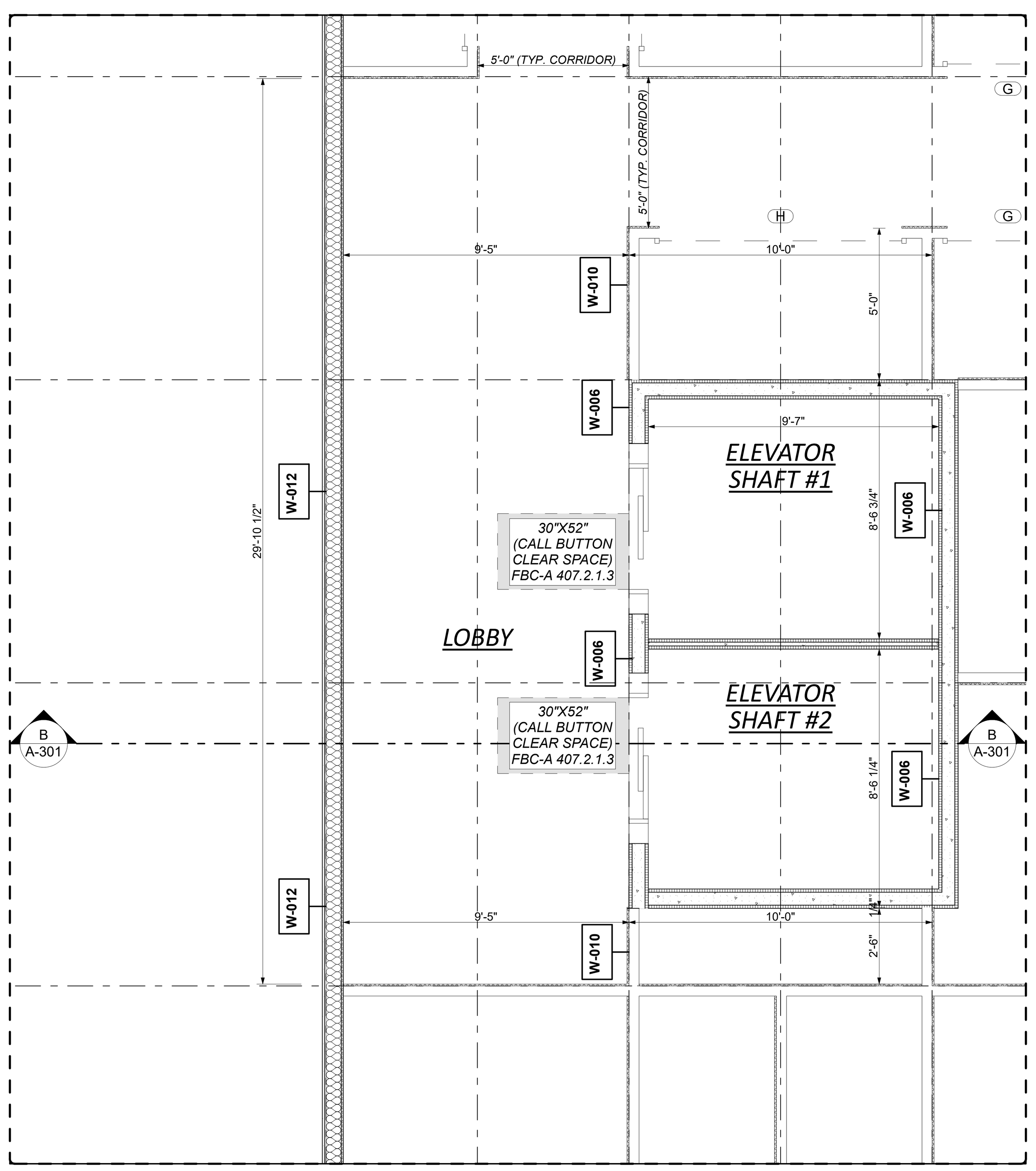


01
A-502
ENLARGED LOBBY/ELEVATOR PLAN
SCALE: 1/4" = 1'-0"



02
A-502
2ND FLR - ENLARGED LOBBY/ELEVATOR PLAN
SCALE: 1/4" = 1'-0"

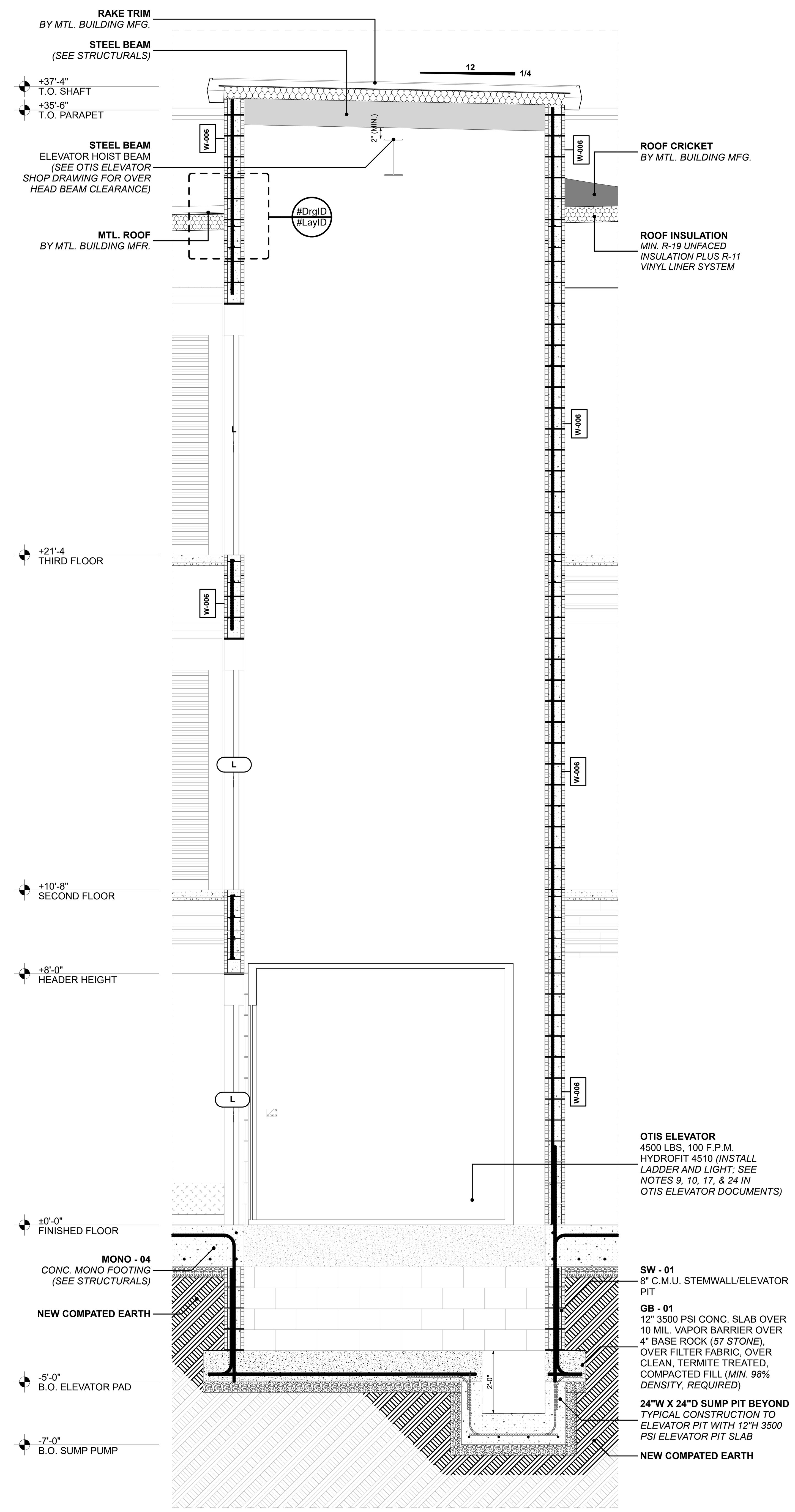


03
A-502
3RD FLR - ENLARGED LOBBY/ELEVATOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTE:

SHELL, EXTERIOR, AND FLASHING BY METAL BUILDING MANUFACTURER. *(SEE SHOP DRAWINGS)*

(SEE FFE PAGES FOR OTIS ELEVATOR SHOP DRAWINGS FOR LOCATION OF MECHANICAL EQUIPMENT)



04
A-502
DETAIL @ WEST ELEVATOR SHAFT
SCALE: 3/8" = 1'-0"

ARCHITECTURAL ENLARGED ELEVATOR PLANS

GDC ARCHITECTS ENGINEERS
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DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-502

GENERAL NOTE:

BUILDING SHELL, EXTERIOR METAL CLADDING, AND METAL FLASHING BY METAL BUILDING MANUFACTURER. *(SEE PEMB DRAWINGS)*

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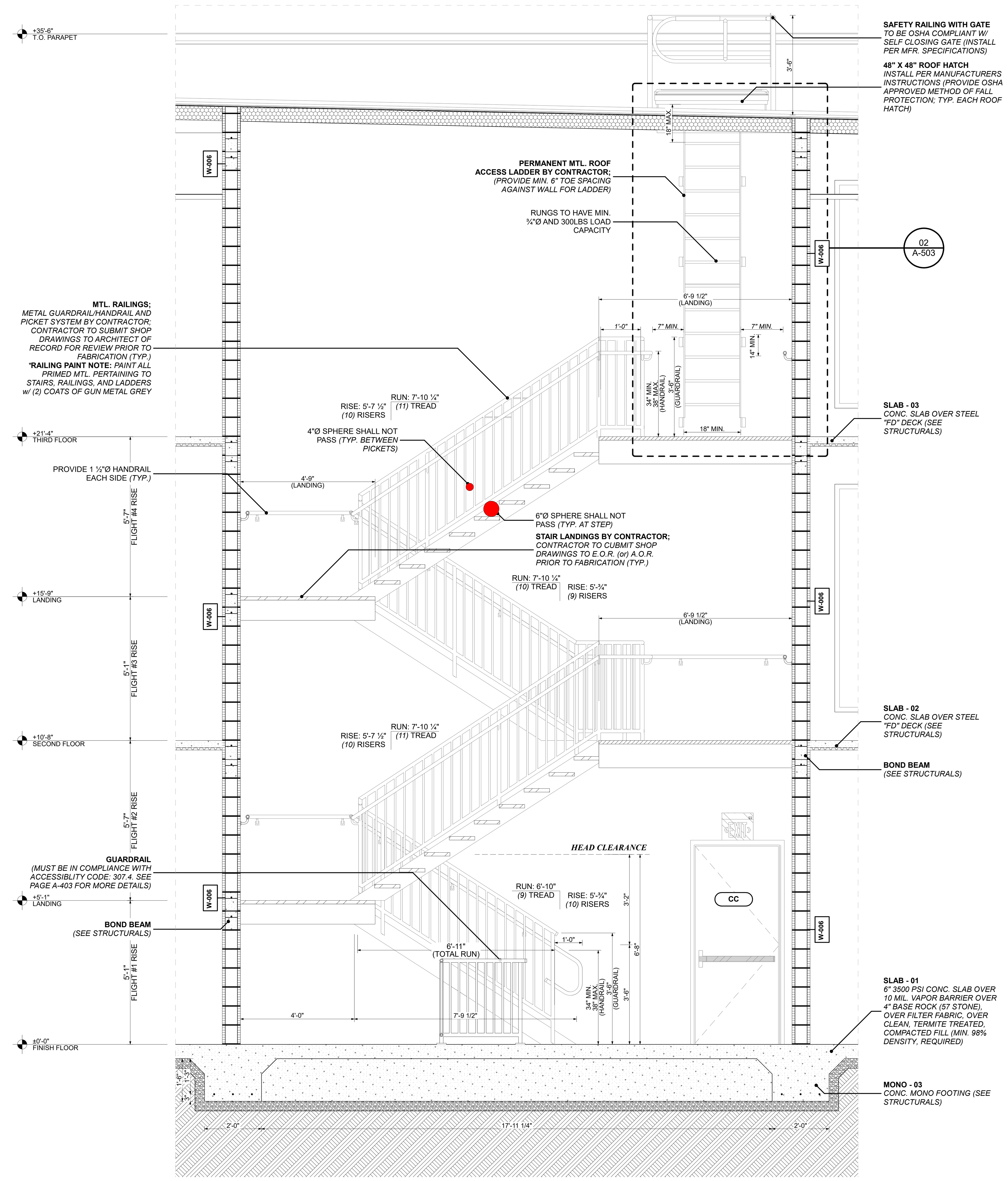
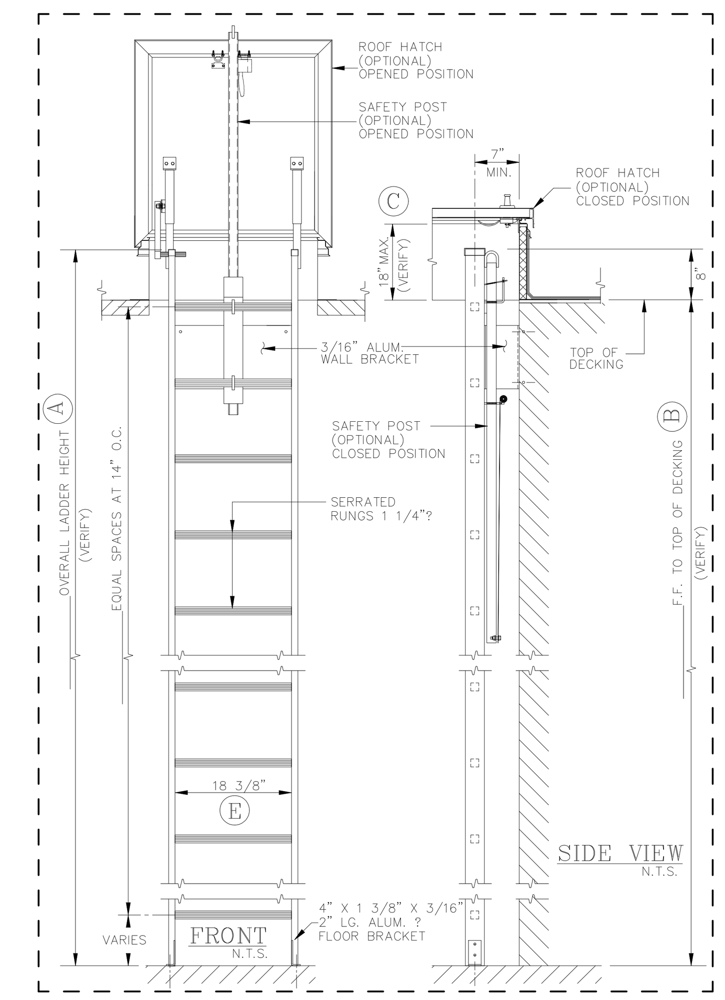


01 A-503 **DETAIL @ ALL VERTICAL EGRESS STAIRWELLS**

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



02 A-503 **DETAIL @ HATCH/LADDER**

SCALE: 1' = 1'-0"

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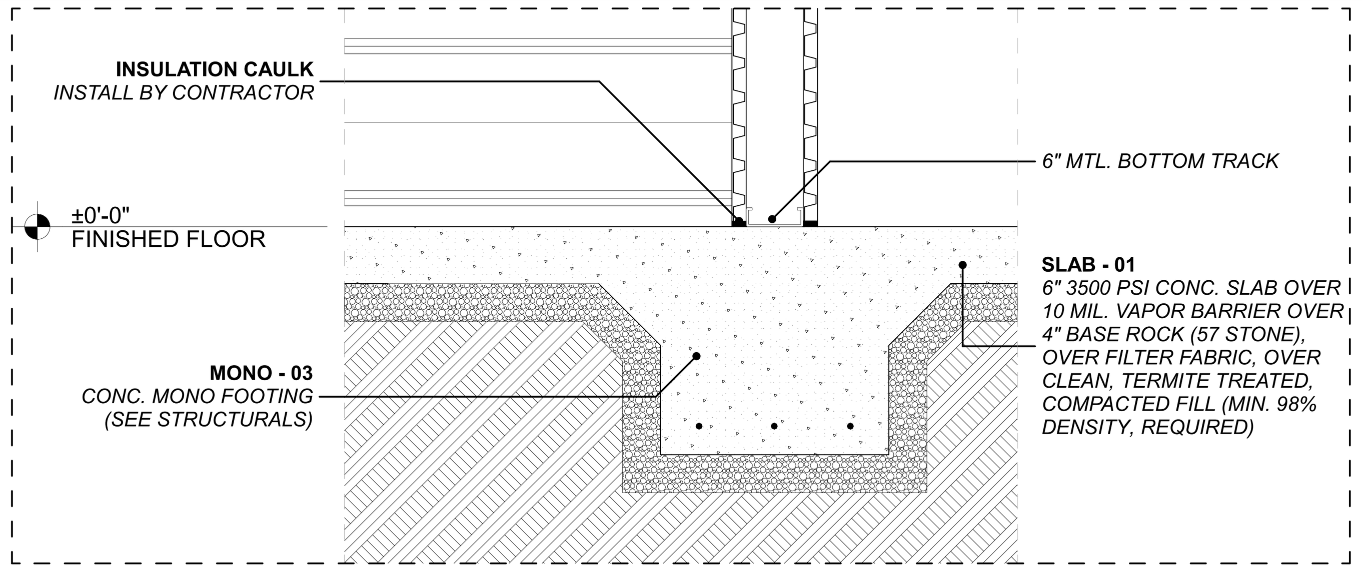
DATE 1/12/2024

SHEET A-503

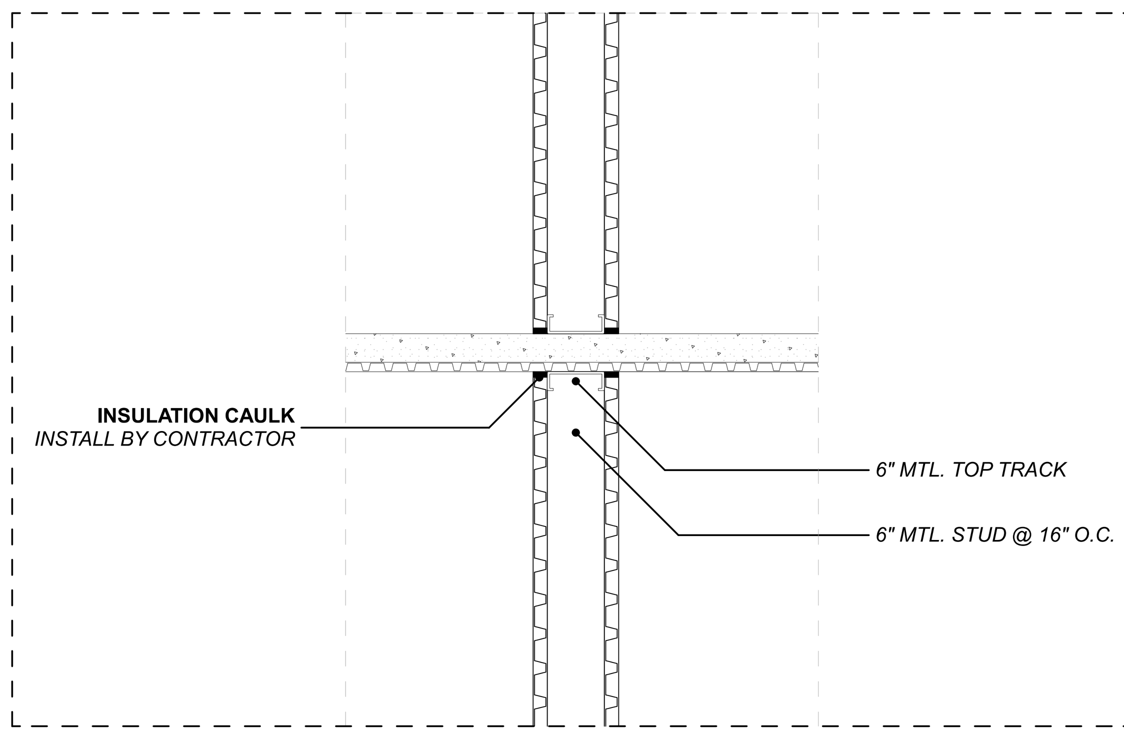
ARCHITECTURAL ENLARGED VERTICAL EGRESS SECTIONS



01
A-504

DETAIL @ BOTTOM OF SHEAR WALL

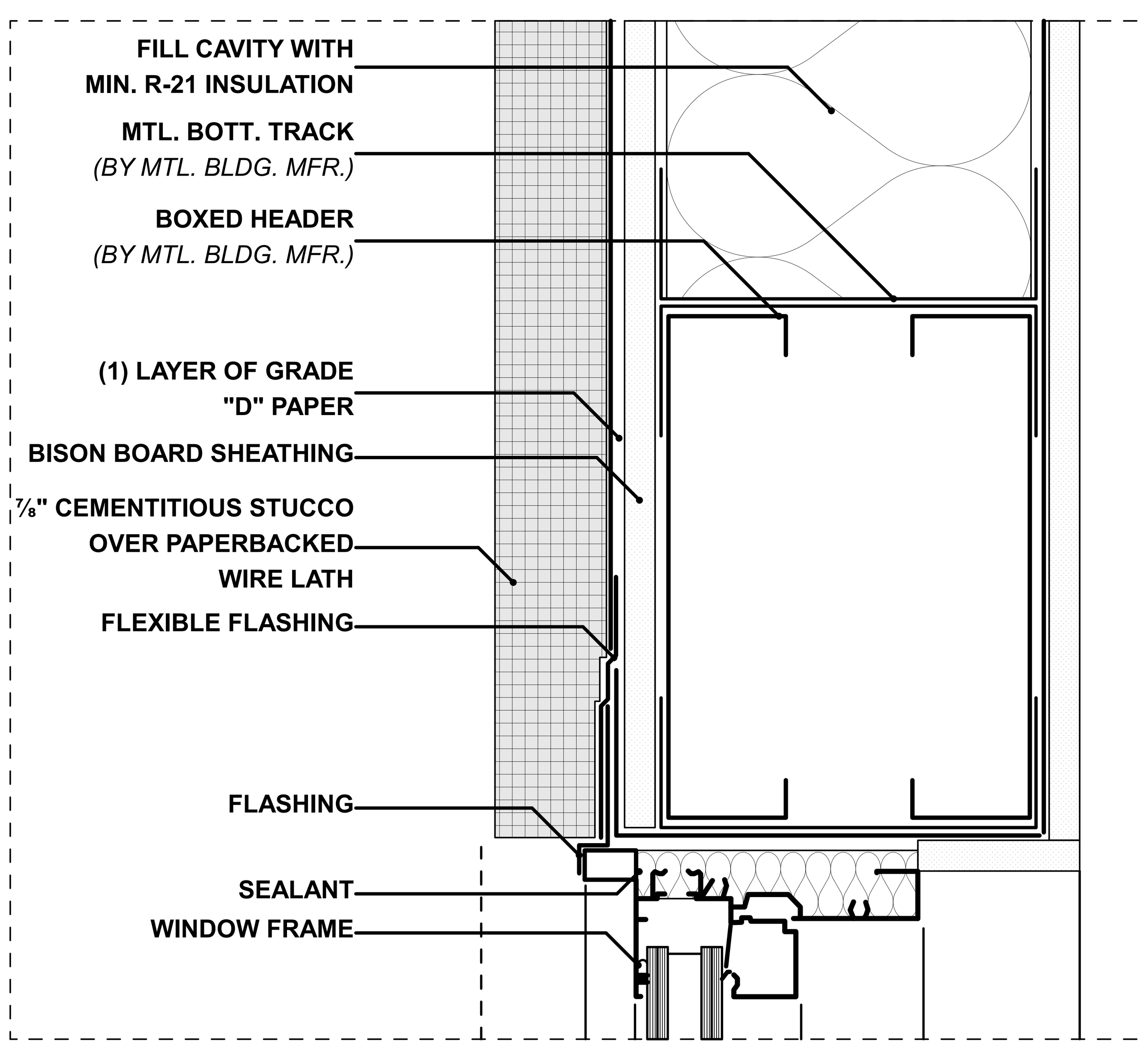
SCALE: 3/4" = 1'-0"



02
A-504

DETAIL @ T.O. SHEAR WALL

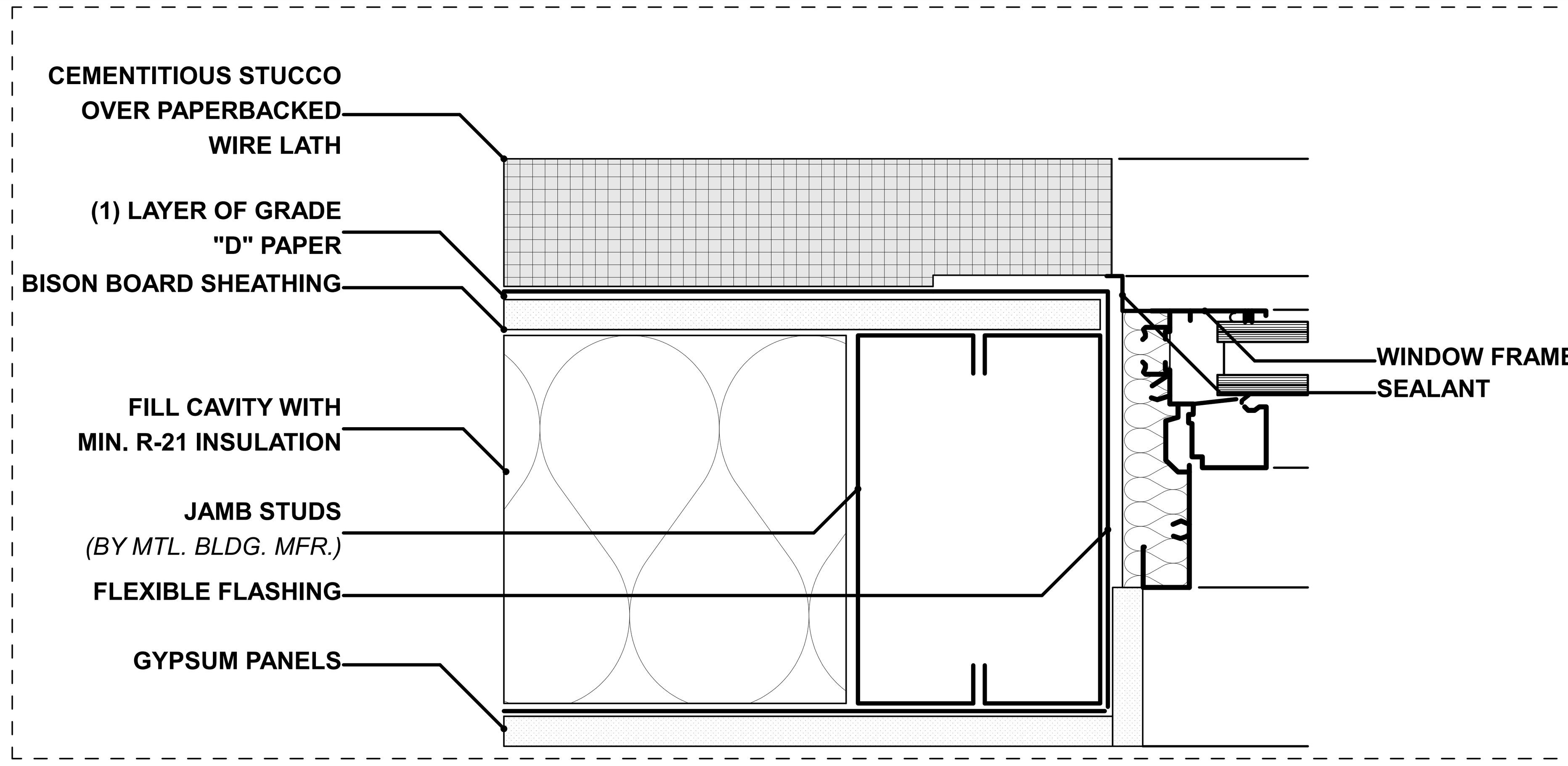
SCALE: 3/4" = 1'-0"



03
A-504

DETAIL @ WINDOW HEADER

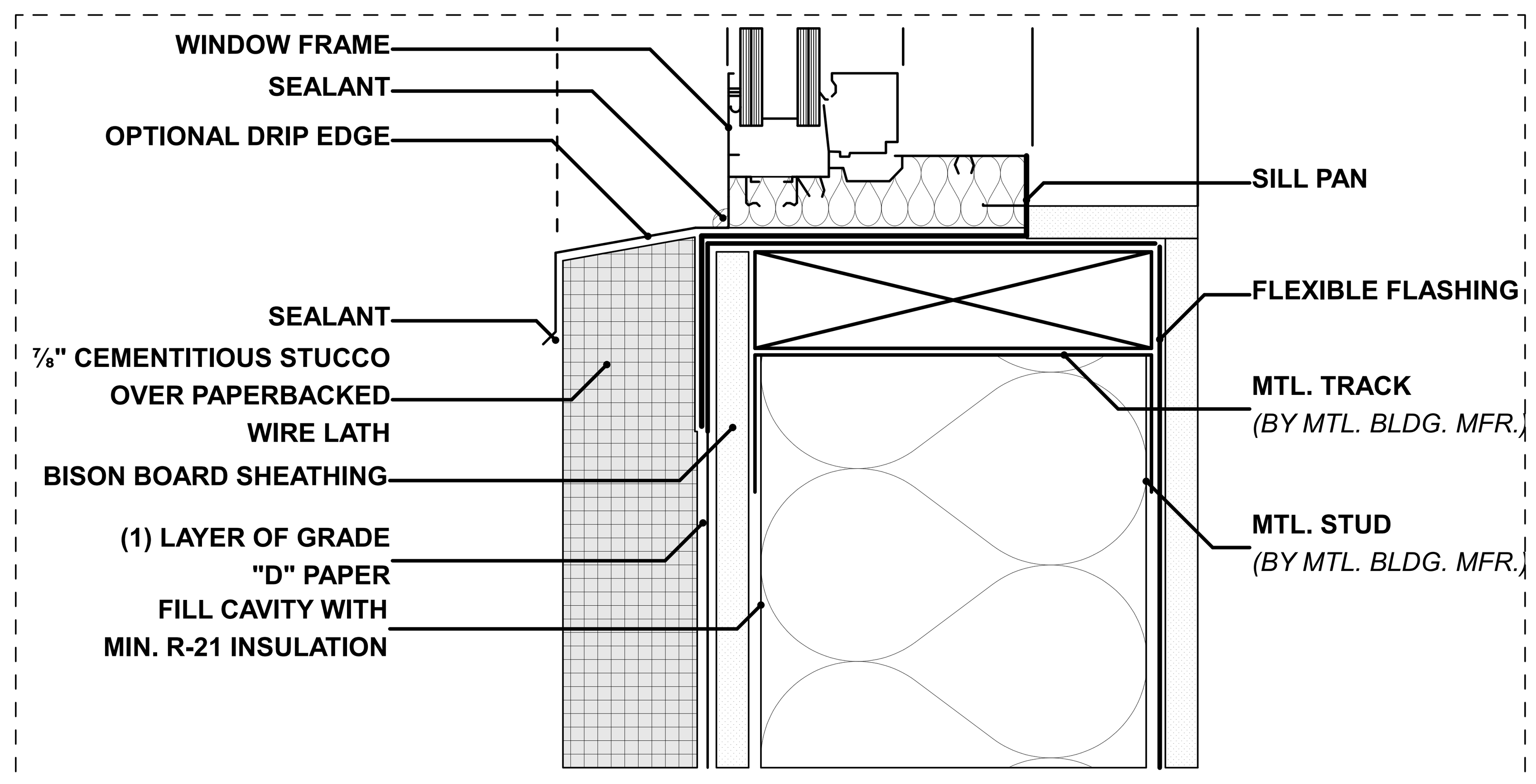
SCALE: 1' = 1'-0"



04
A-504

DETAIL @ WINDOW JAMB

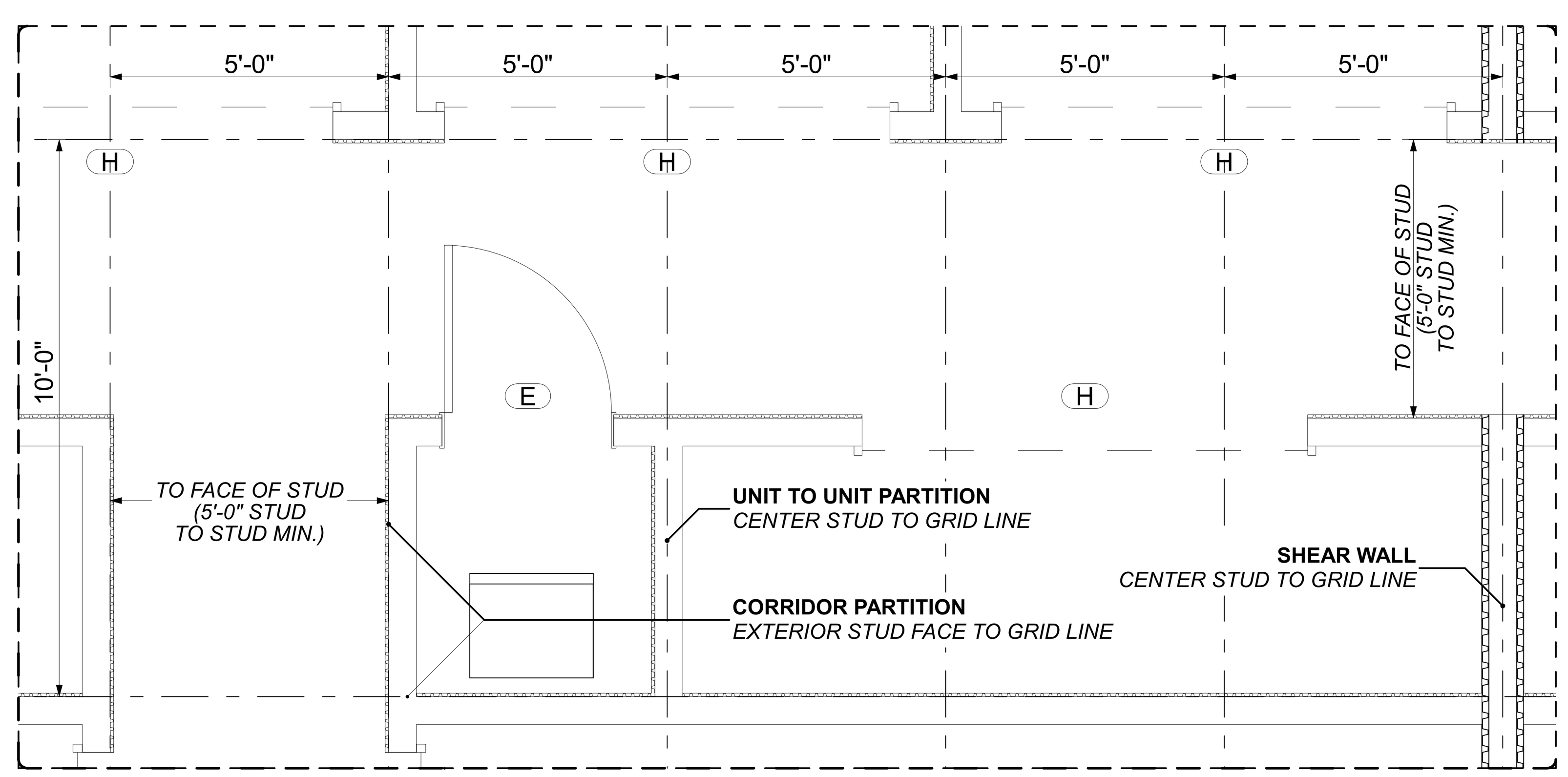
SCALE: 1' = 1'-0"



05
A-504

DETAIL @ WINDOW SILL

SCALE: 1' = 1'-0"



06
A-504

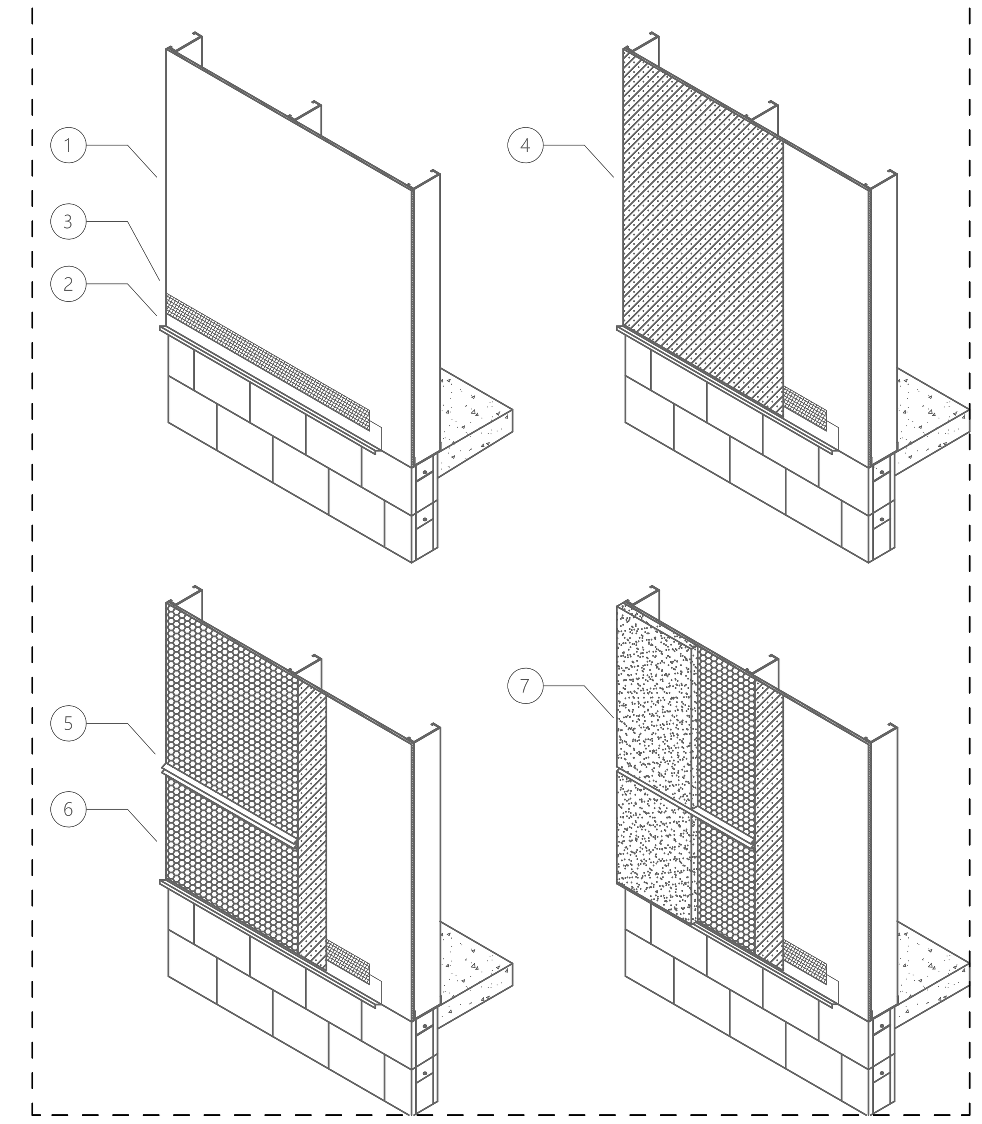
ENLARGED HALLWAY/UNIT WALLS

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

GENERAL NOTE:

SEE WALL LEGEND FOR SPECIFICATIONS ON TYPE AND R-VALUE OF INSULATION WITHIN WALLS.

1. BISON BOARD SHEATHING.
2. FLASHING.
3. TAPE THE TOP EDGE OF FLASHING WITH ADHESIVE BACKED FLASHING MEETING AAMA 711 OR AC148.
4. ONE LAYER OR WATER-RESISTIVE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO GRADE D BUILDING PAPER.
5. VERTICAL AND HORIZONTAL CONTROL JOINTS AS NEEDED. DESIGNER OF RECORD TO SPECIFY TYPE AND LOCATION(S).
6. PAPER BACKED METAL LATH.
7. TRADITIONAL (3) HARD-COAT STUCCO INSTALLED IN ACCORDANCE WITH THE MANUFACTURER



07
A-504

DETAILS @ EXTERIOR WALL CONSTRUCTION

SCALE: 1' = 1'-0"

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NEW THREE-STORY STORAGE FACILTY

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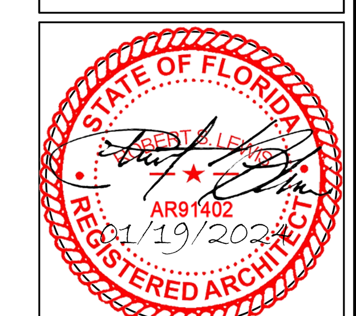

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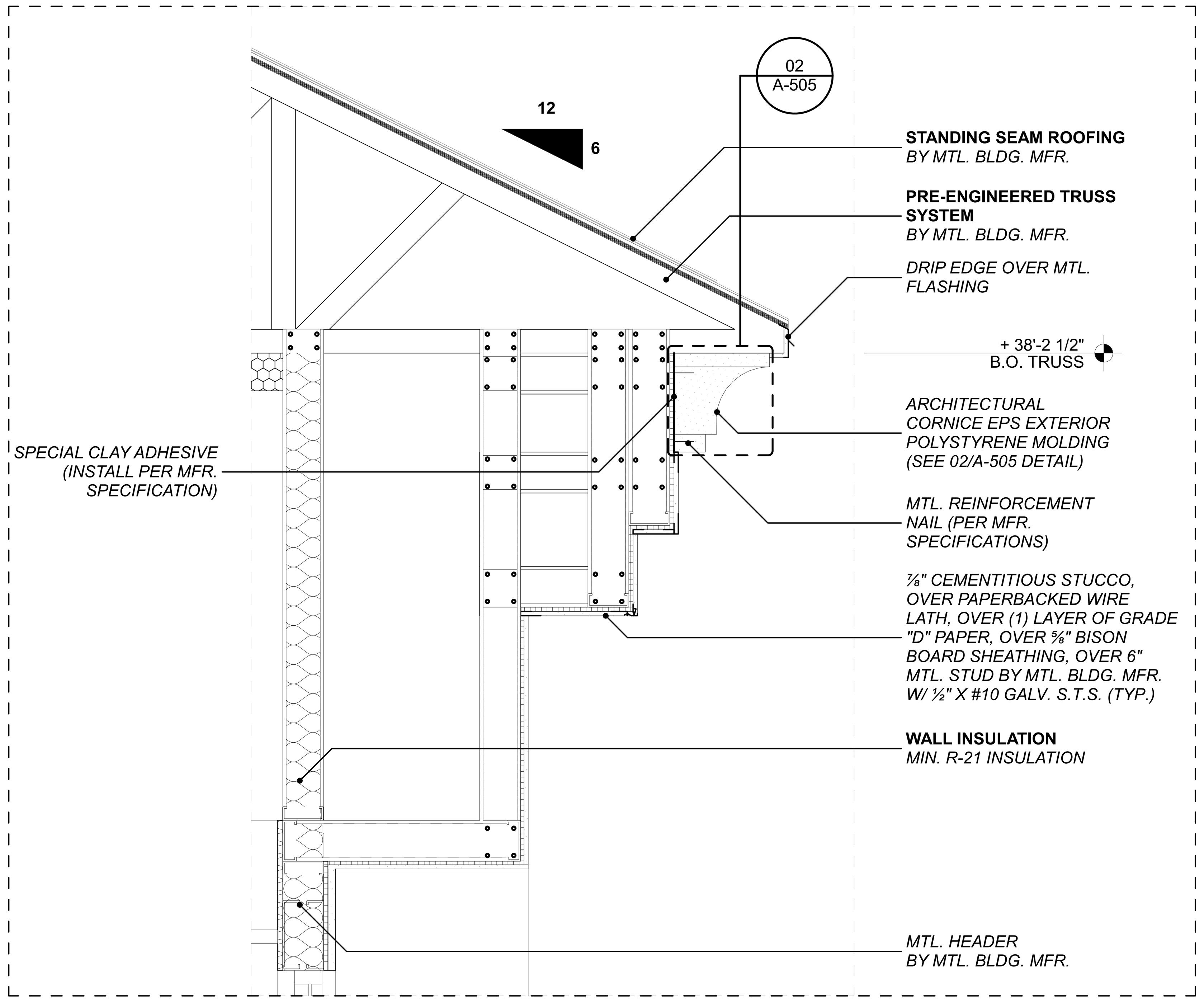
S.M.K.

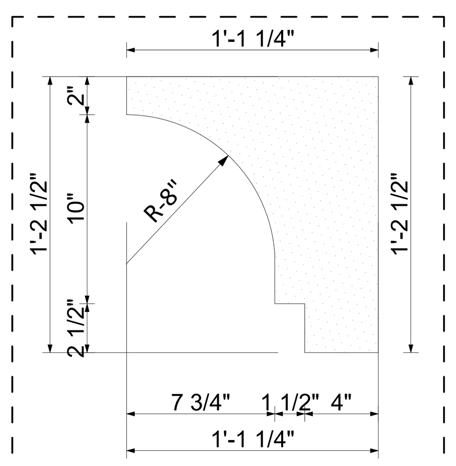
DATE
1/12/2024

SHEET
A-504

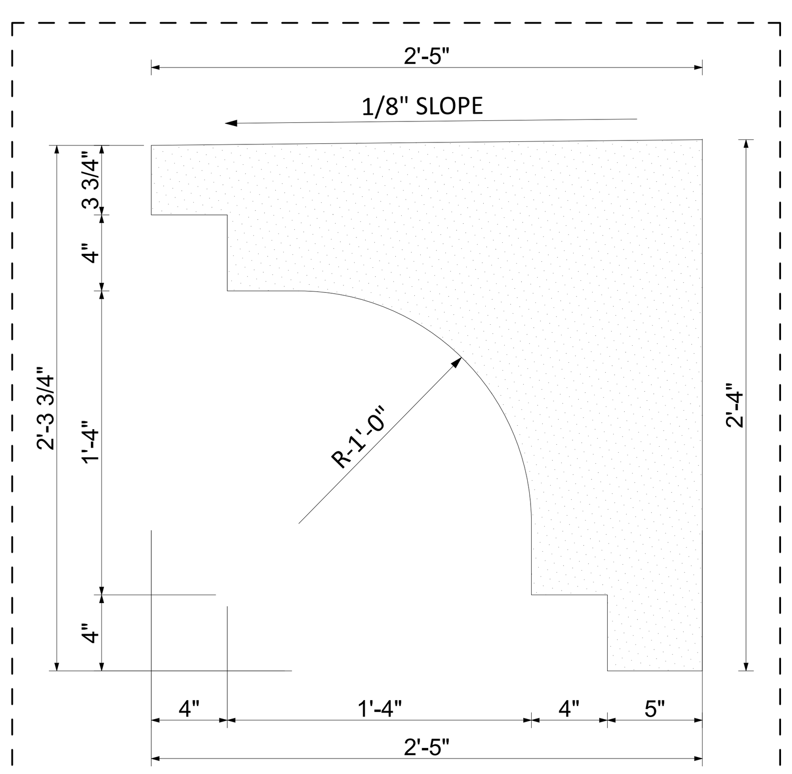
ARCHITECTURAL DETAILS



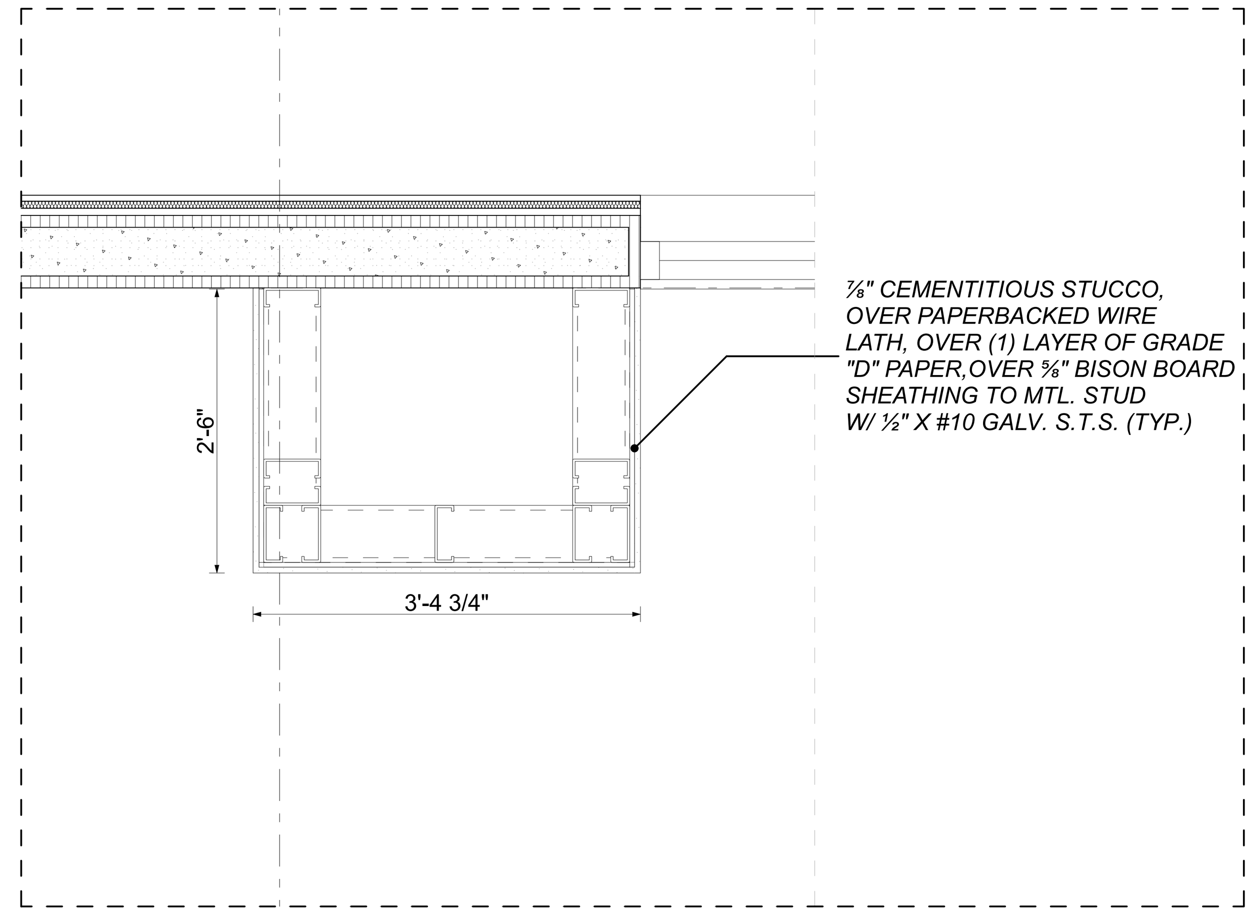
01
A-505
DETAIL @ ARCHITECTURAL CORNICE
SCALE: 3/4" = 1'-0"



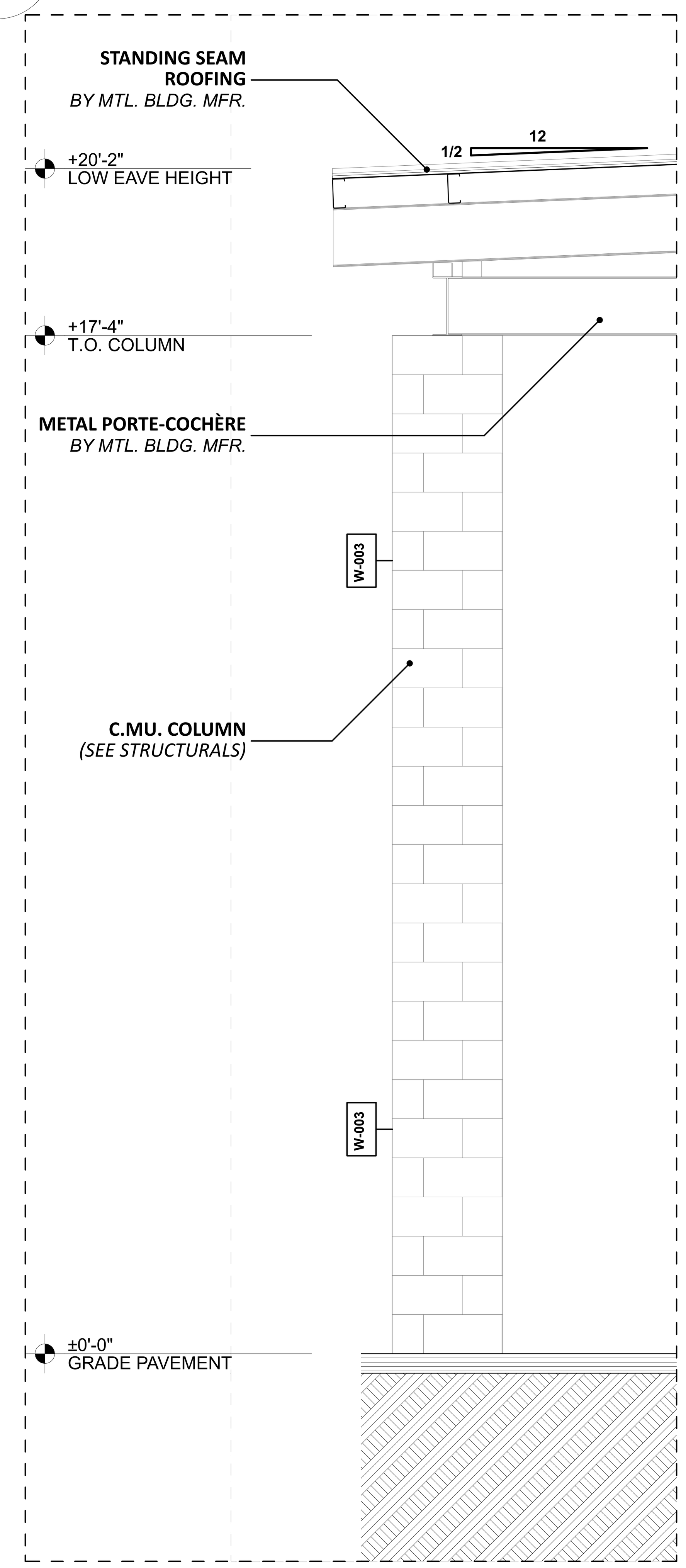
02
A-505
DETAIL @ ARCHITECTURAL POLYSTYRENE MOLDING
SCALE: 1 1/2"= 1'-0"



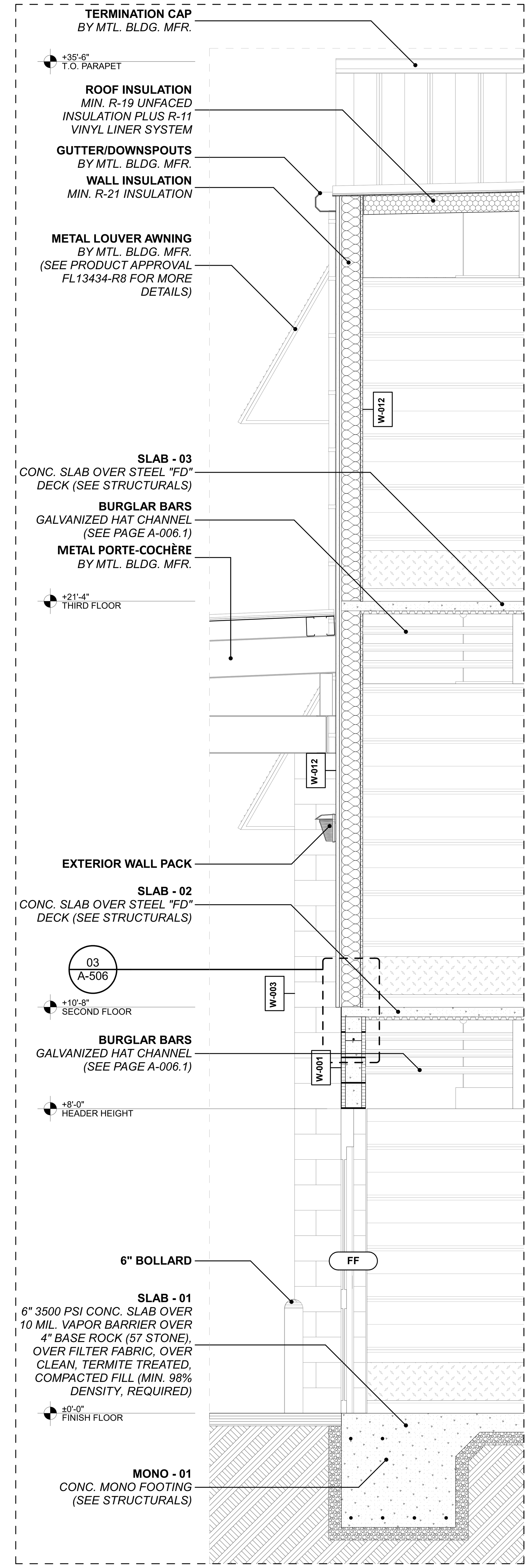
03
A-505
DETAIL @ LARGER ARCHITECTURAL POLYSTYRENE MOLDING
SCALE: 1 1/2"= 1'-0"



04
A-505
DETAIL @ ARCHITECTURAL FACADE BUMP-OUT
SCALE: 3/4" = 1'-0"



05
A-505
DETAIL @ C.M.U. COLUMN
SCALE: 1/2" = 1'-0"



06
A-505
DETAIL @ METAL PORTE COCHERE
SCALE: 1/2" = 1'-0"

ARCHITECTURAL DETAILS

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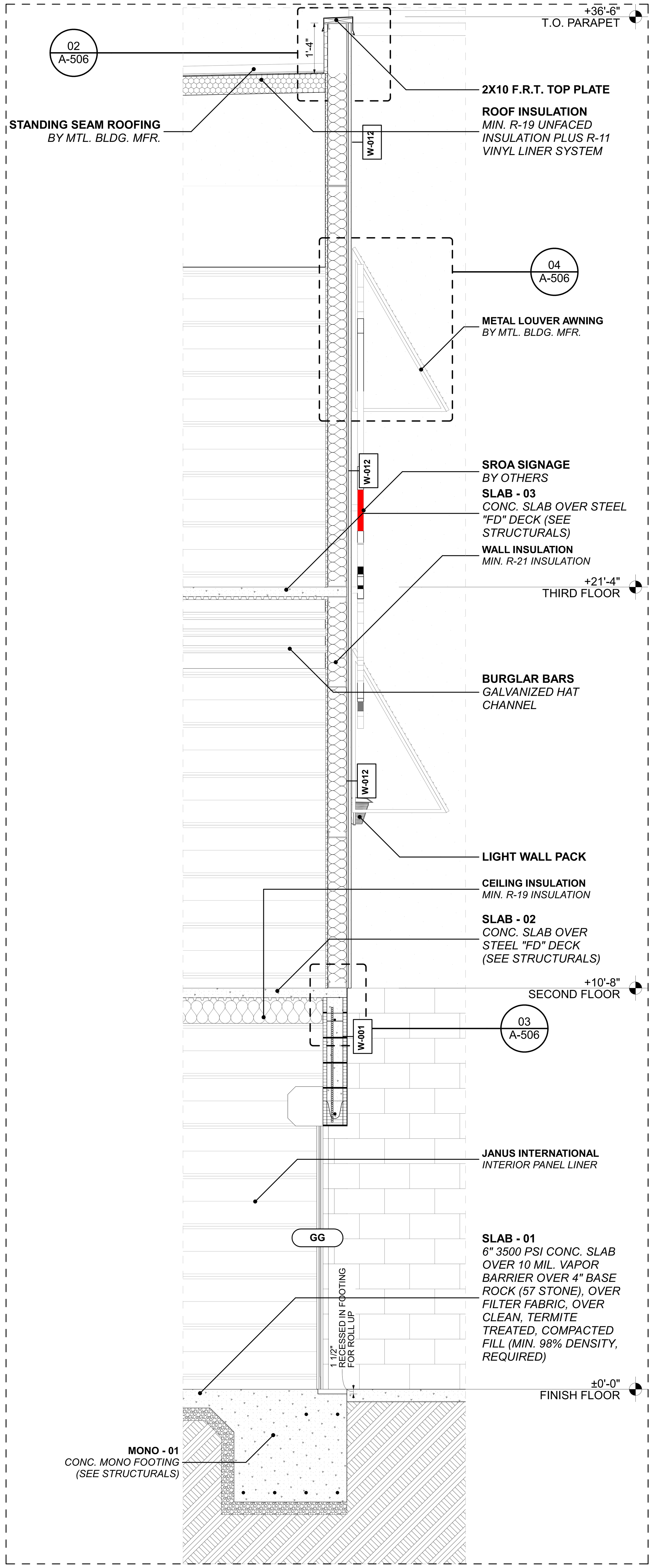
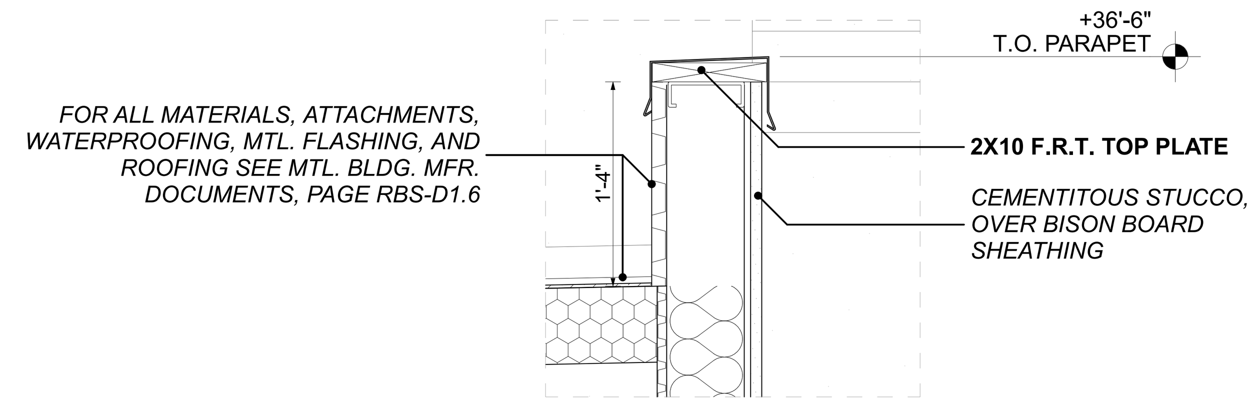


01
A-506

DETAIL @ DRIVE-UP UNITS

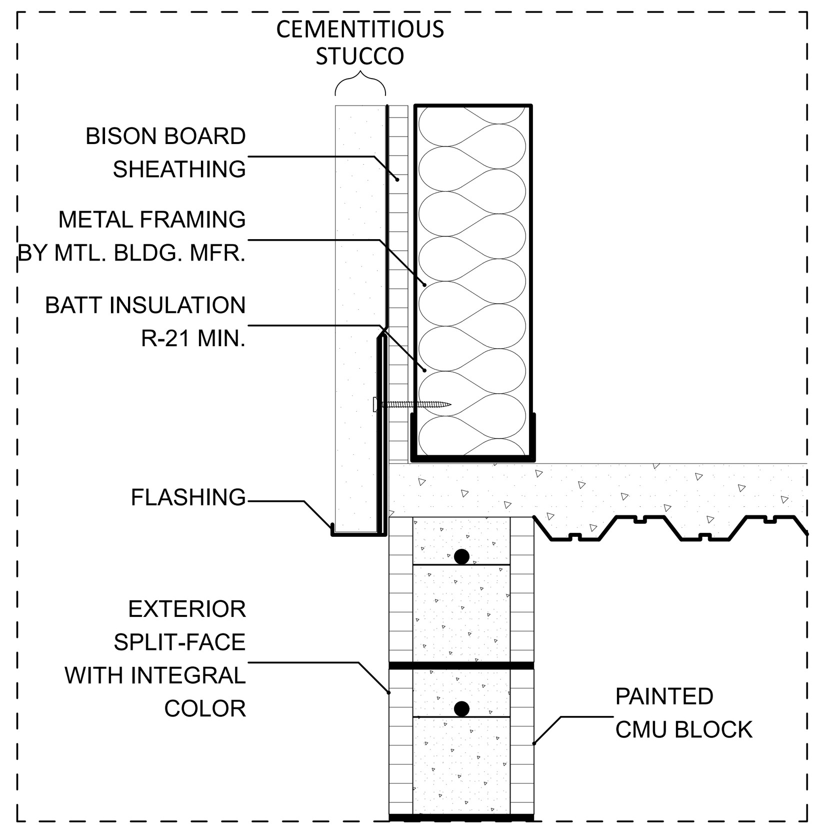
SCALE: 1/2" = 1'-0"



02
A-506

DETAIL @ PARAPET TERMINATION CAP

SCALE: 1" = 1'-0"

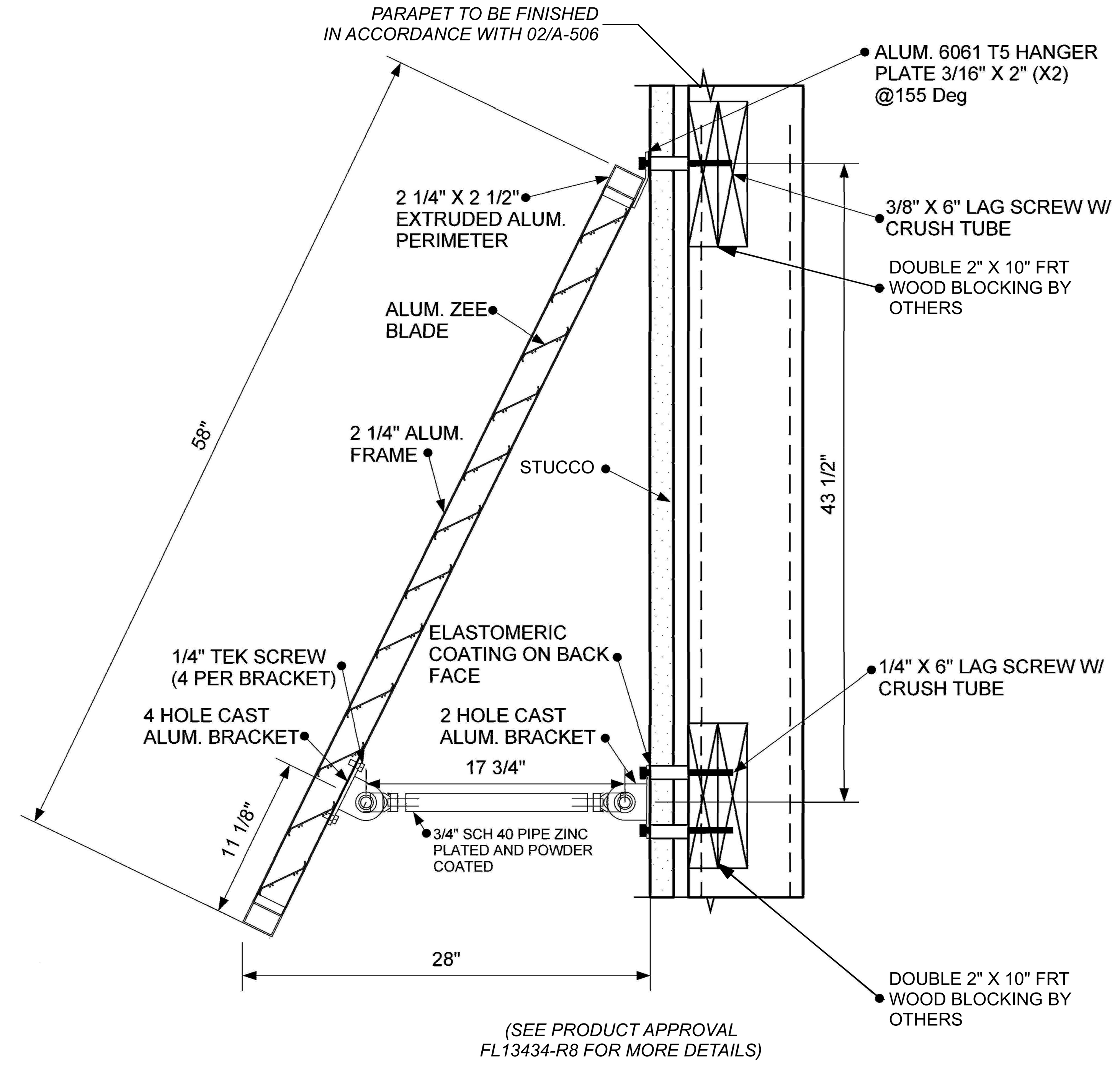


03
A-506

DETAIL @ CEMENTITIOUS STUCCO /SPLIT-FACE TRANSITION

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

SEE MTL. BLDG. MFR. DOCUMENTS, PAGE RBS-D1.5 FOR STUCCO STOP



04
A-506

DETAIL @ AWNING WATERPROOFING

SCALE: 1' = 1'-0"

SEE STRUCTURAL DOCUMENTS AND FLORIDA PRODUCT APPROVAL FOR ATTACHMENT

GDC
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CHECKED BY	S.M.K.
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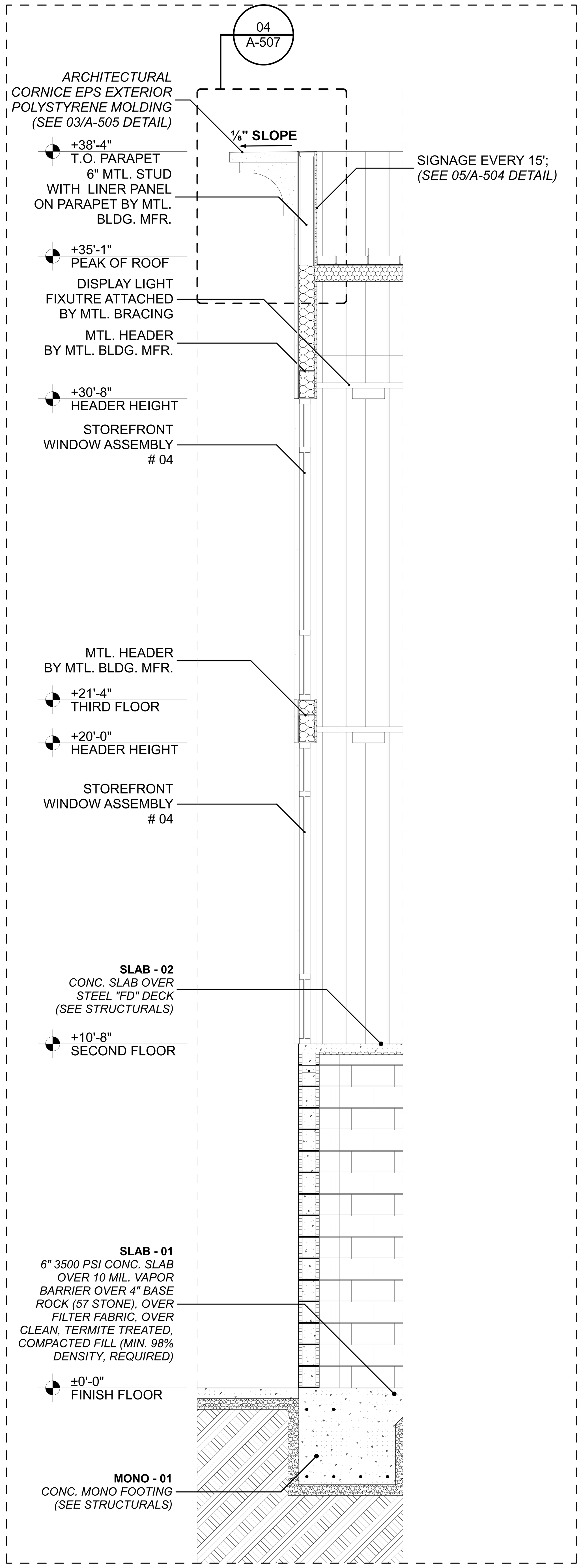
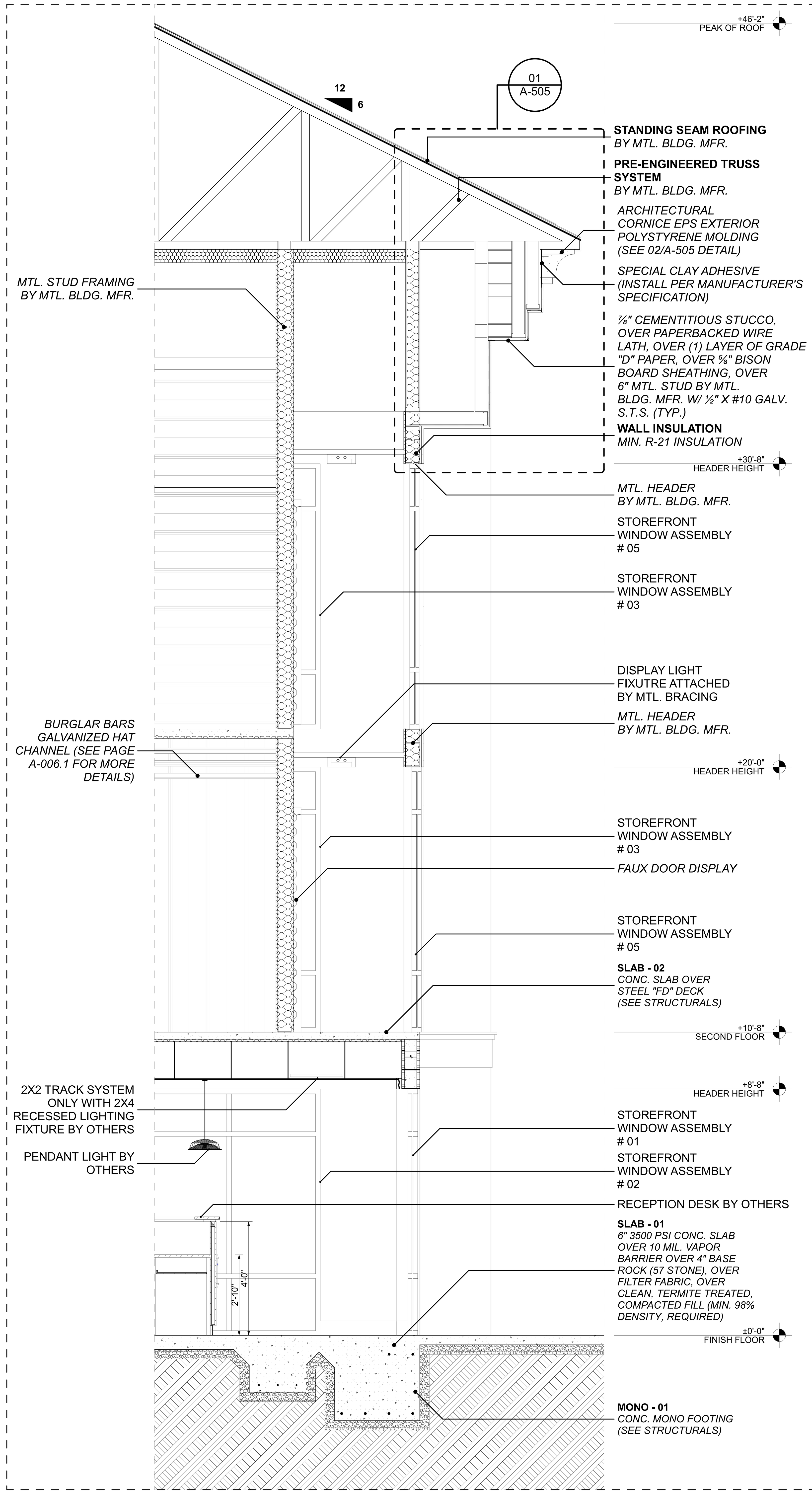
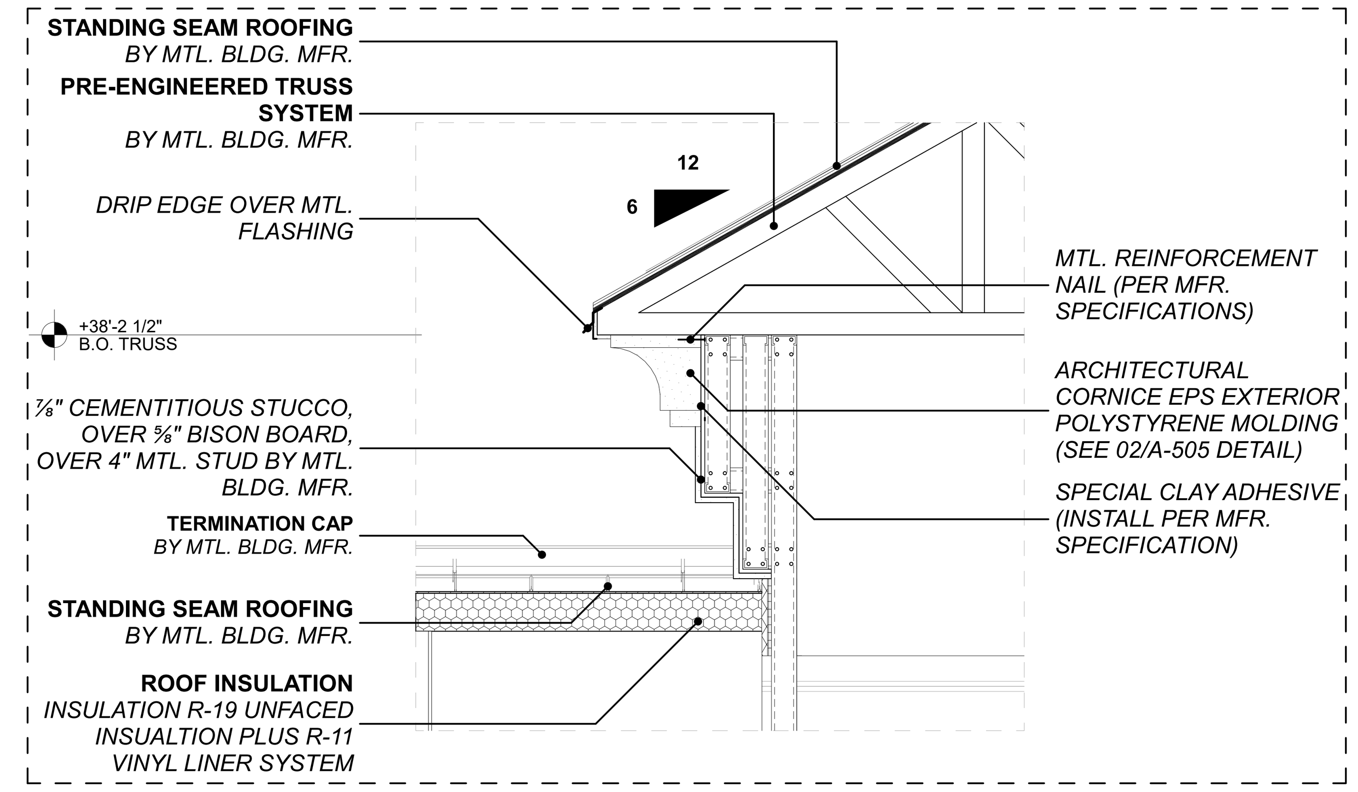
ARCHITECTURAL DETAILS



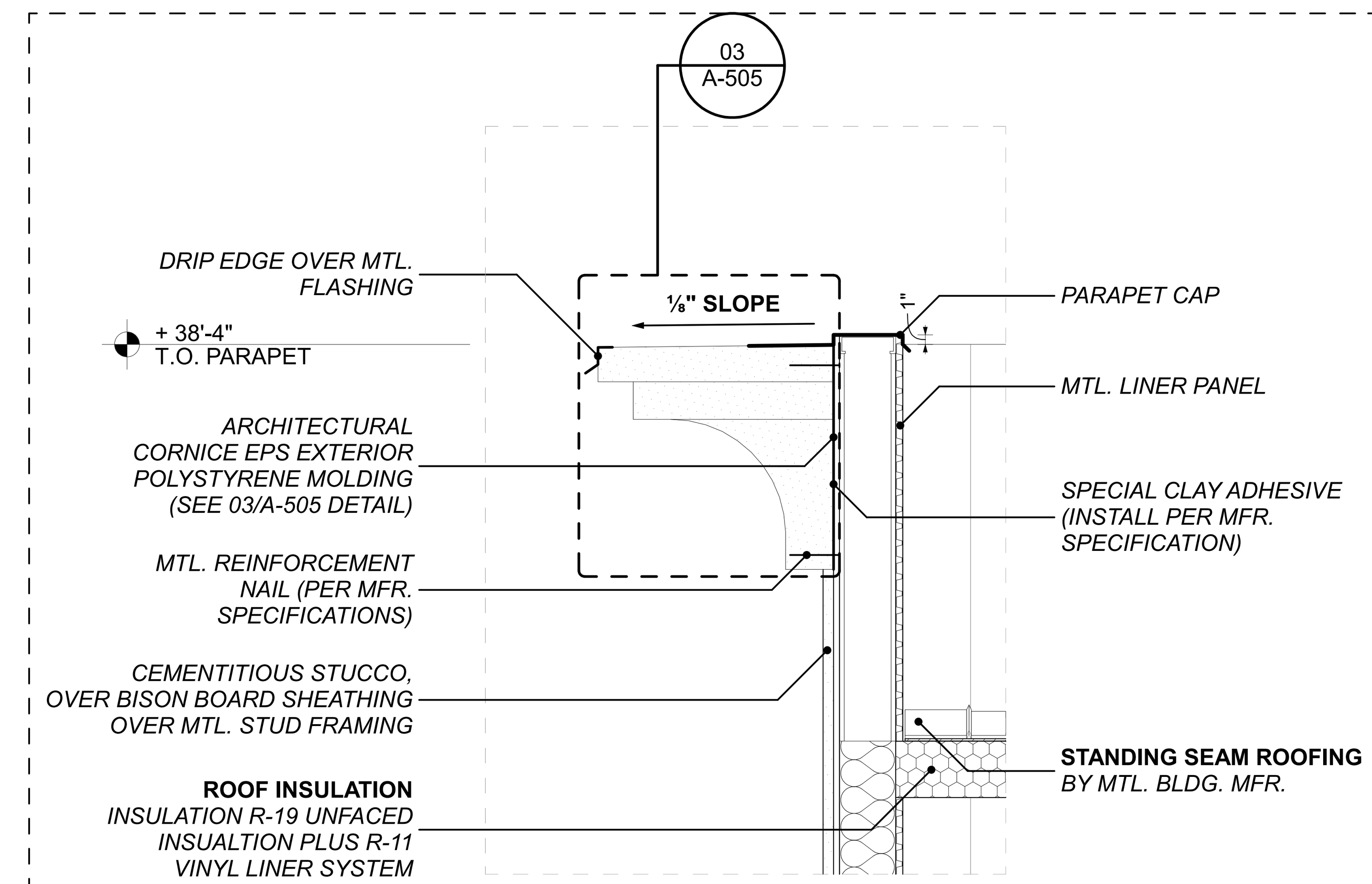
01
A-507
DETAIL @ NORTH END/DISPLAY AREA
SCALE: 3/8" = 1'-0"



02
A-507
DETAIL @ MAIN ENTRANCE
SCALE: 3/8" = 1'-0"



03
A-507
DETAIL @ ARCHITECTURAL CORNICE
SCALE: 1/2" = 1'-0"



04
A-507
DETAIL @ ARCHITECTURAL CORNICE/PARAPET
SCALE: 3/4" = 1'-0"

05
A-507
CAUTION SIGNAGE
SCALE: 6" = 1'-0"

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NEW THREE-STORY STORAGE FACILITY
STORAGE RENTALS OF AMERICA
PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000003.0

ISSUED FOR PERMIT

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

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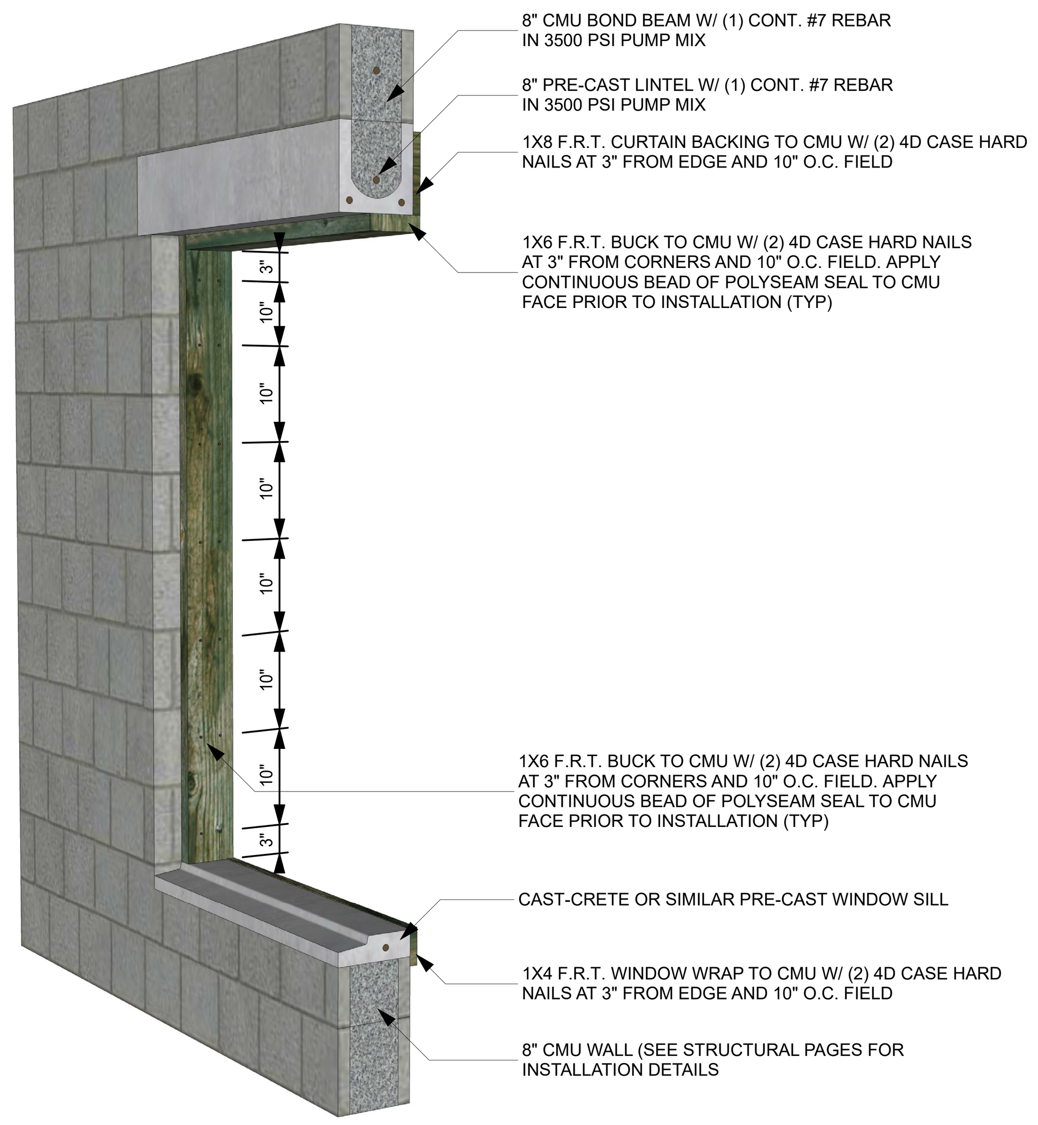
J.E.T.
CHECKED BY
S.M.K.
DATE
1/12/2024
SHEET
A-507

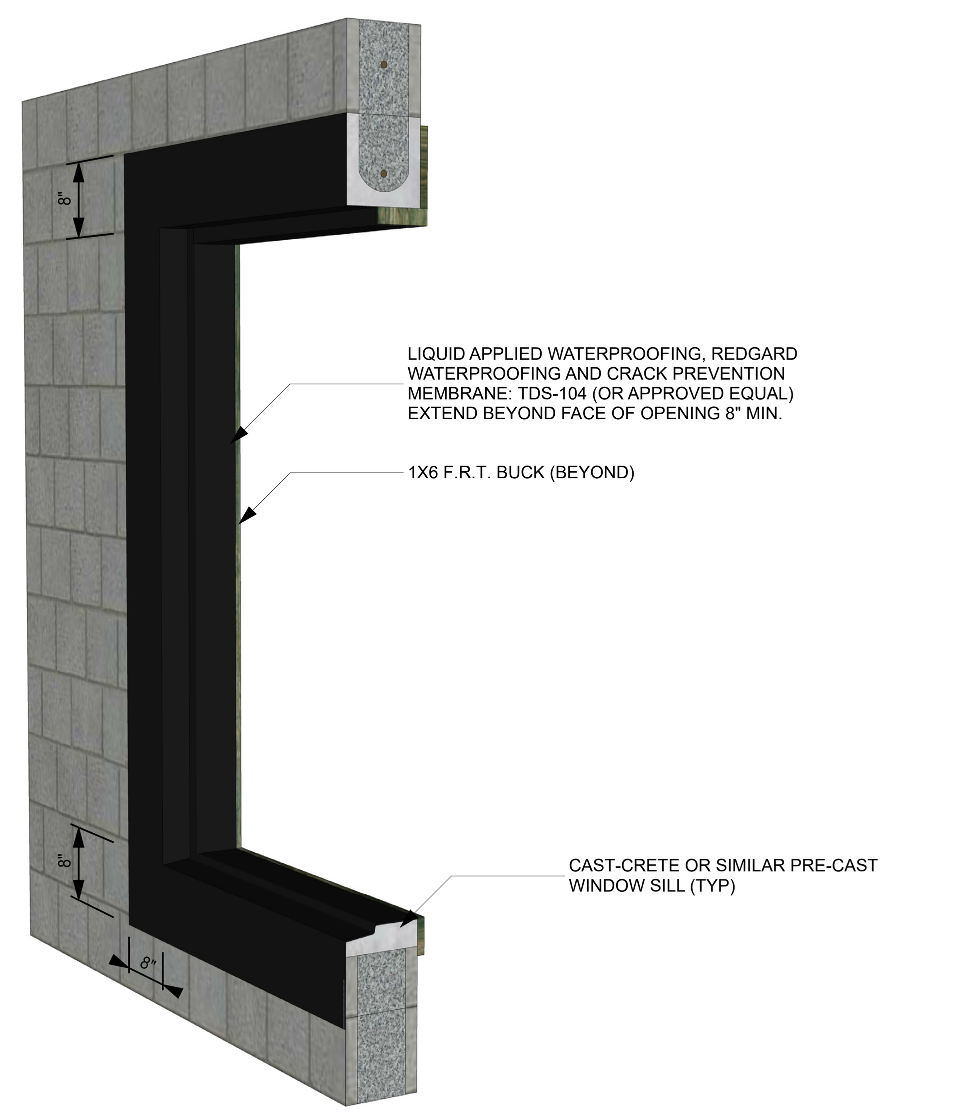
ARCHITECTURAL DETAILS

WINDOW FLASHING AT BOND BEAM

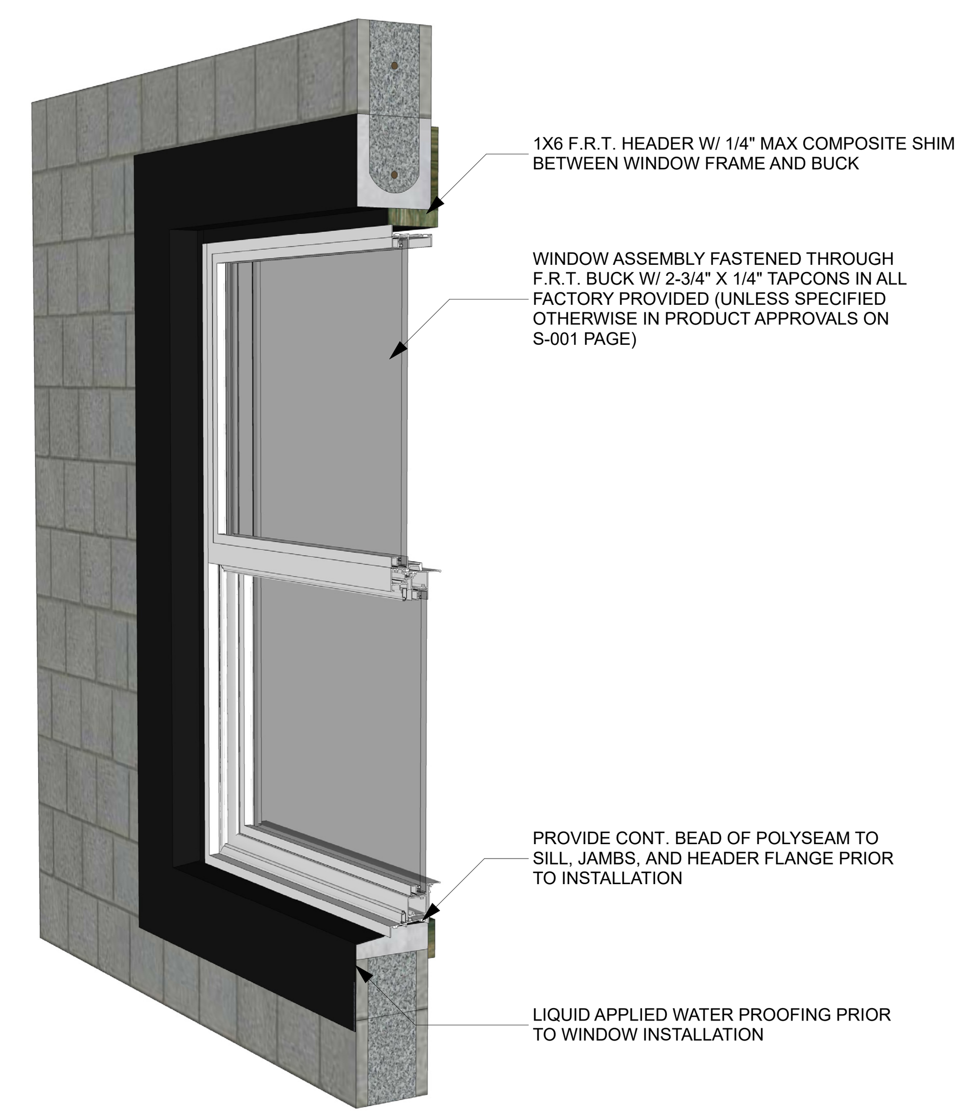
TYPICAL WINDOW BUCK DETAIL



TYPICAL WATERPROOFING DETAIL



TYPICAL FLANGE WINDOW INSTALLATION DETAIL



*UTILIZE WINDOW PAN(S) FOR FLASHING IN SPLIT-FACED CMU WALL ASSEMBLIES

*ANY WOOD BUCKS USED MUST BE FIRE RATED TREATED AS PER FBC 603.1.1 [1.1.2] & [1.1.3]

ALL PRODUCTS TO BE INSTALLED PER MANUFACTURES INSTRUCTIONS AND INDUSTRY STANDARDS

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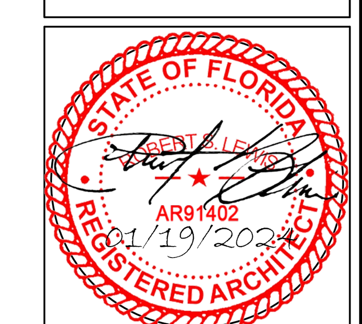
LIABILITY NOTE



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DATE 1/12/2024

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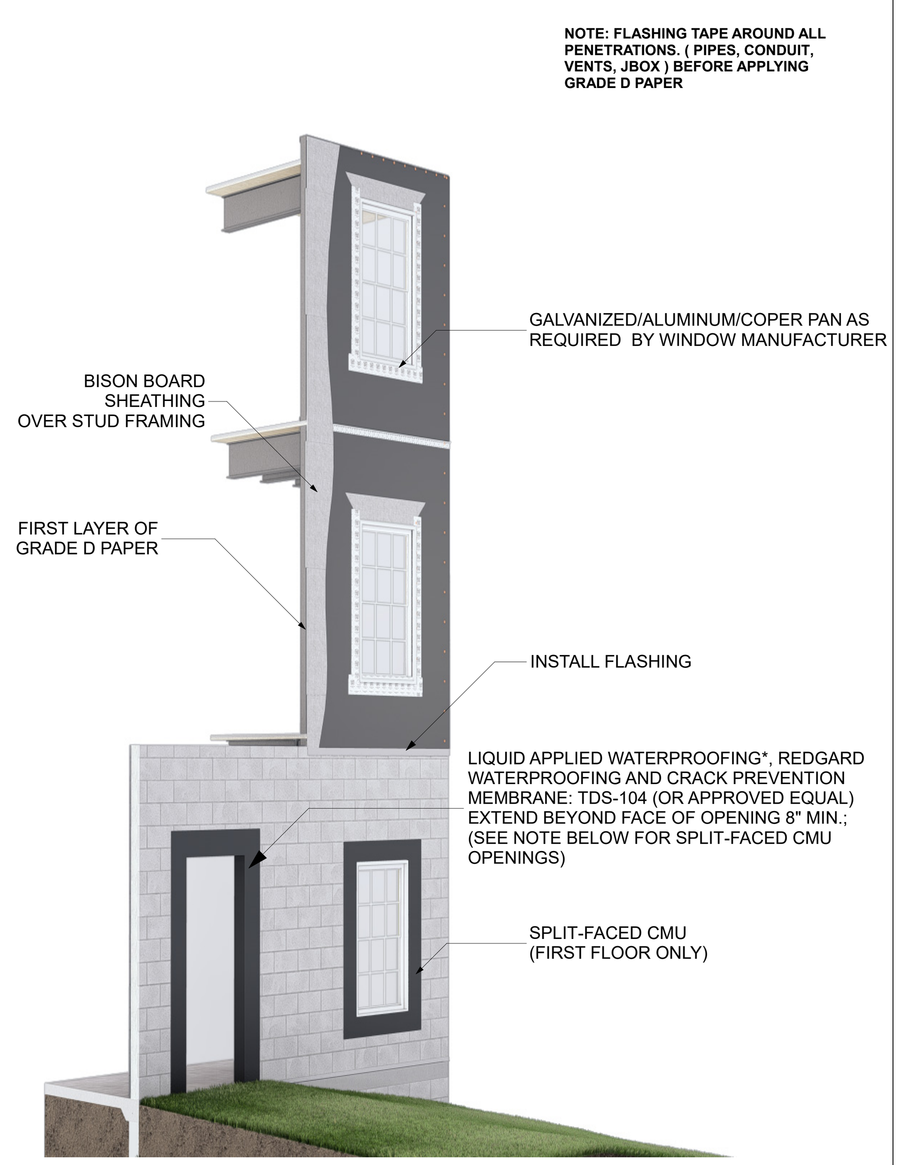
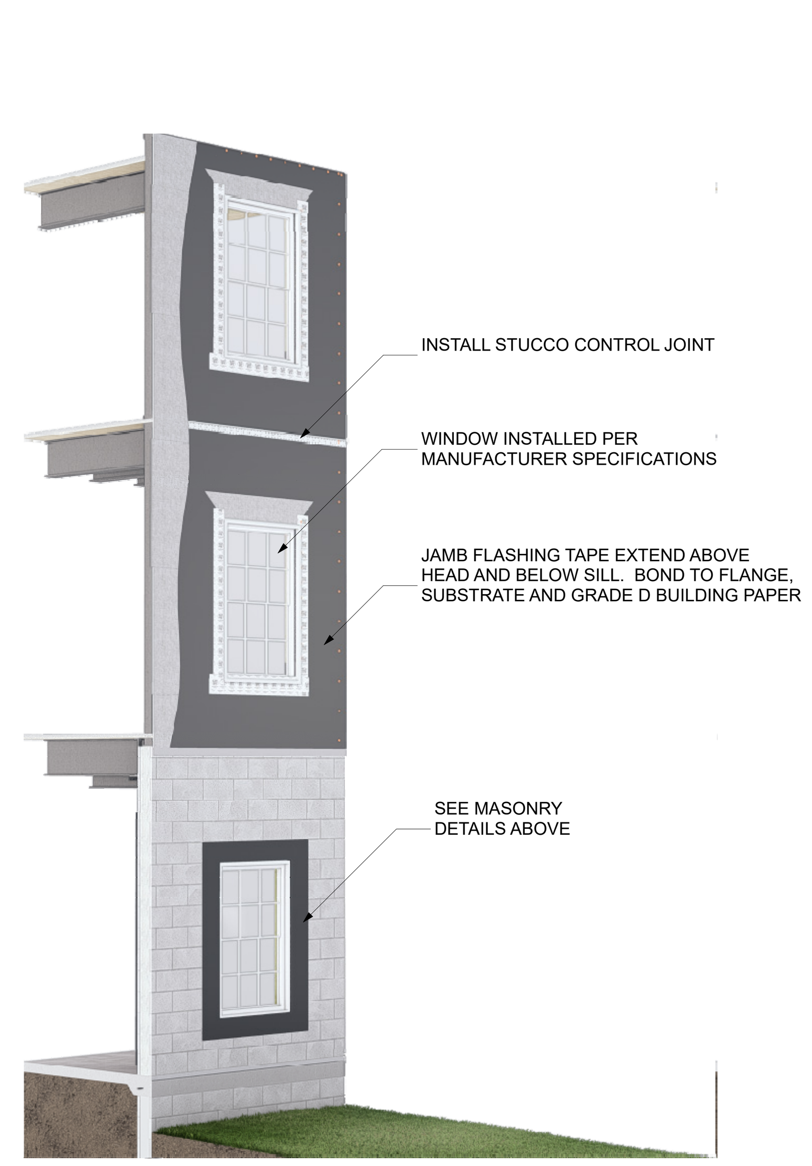
TYPICAL WINDOW BUCK / FLASHING DETAILS

FLASHING SEQUENCE : PART A



* FOR OPENINGS IN SPLIT-FACED CMU, THE ENTIRE CMU PORTION OF THE BUILDING SHALL BE PAINTED W/ (2) COATS OF SW LOXON XP (TO INCLUDE OPENING RETURNS), AND THIS SHALL SERVE AS THE WATERPROOFING SYSTEM AT THESE OPENINGS.

FLASHING SEQUENCE : PART B



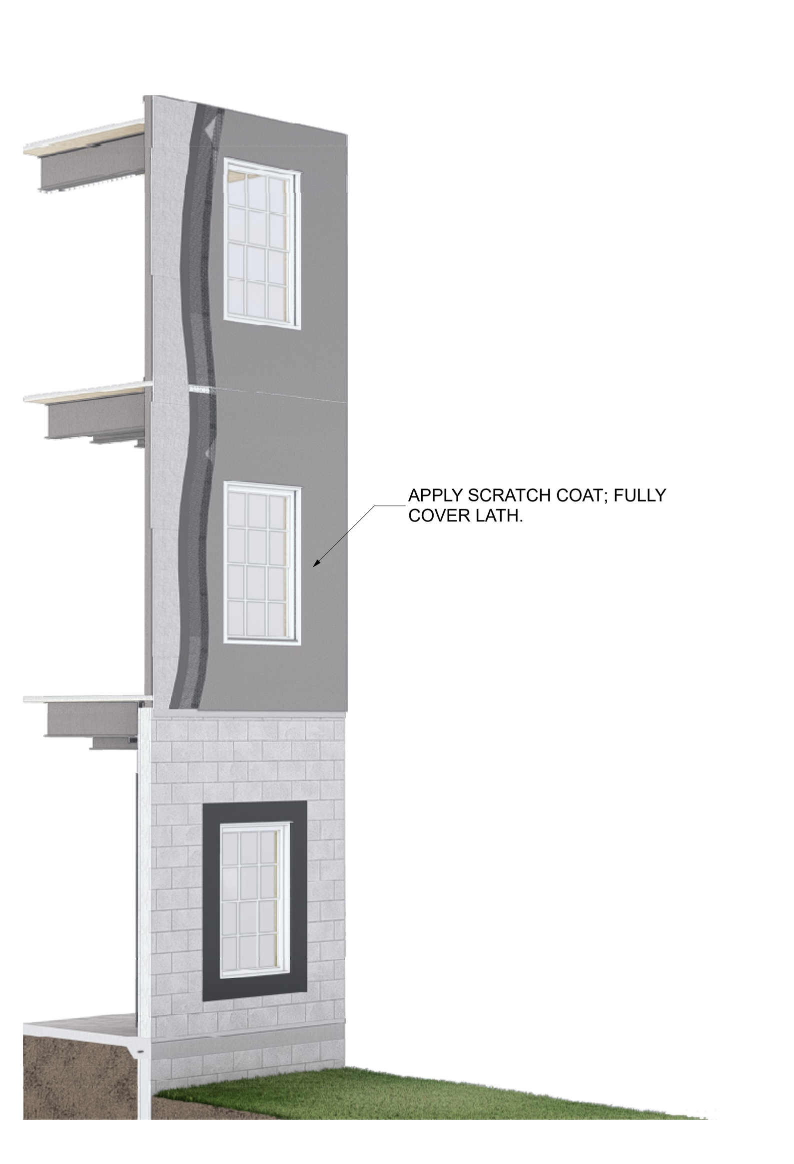
FLASHING SEQUENCE : PART C

FLASHING SEQUENCE : PART D

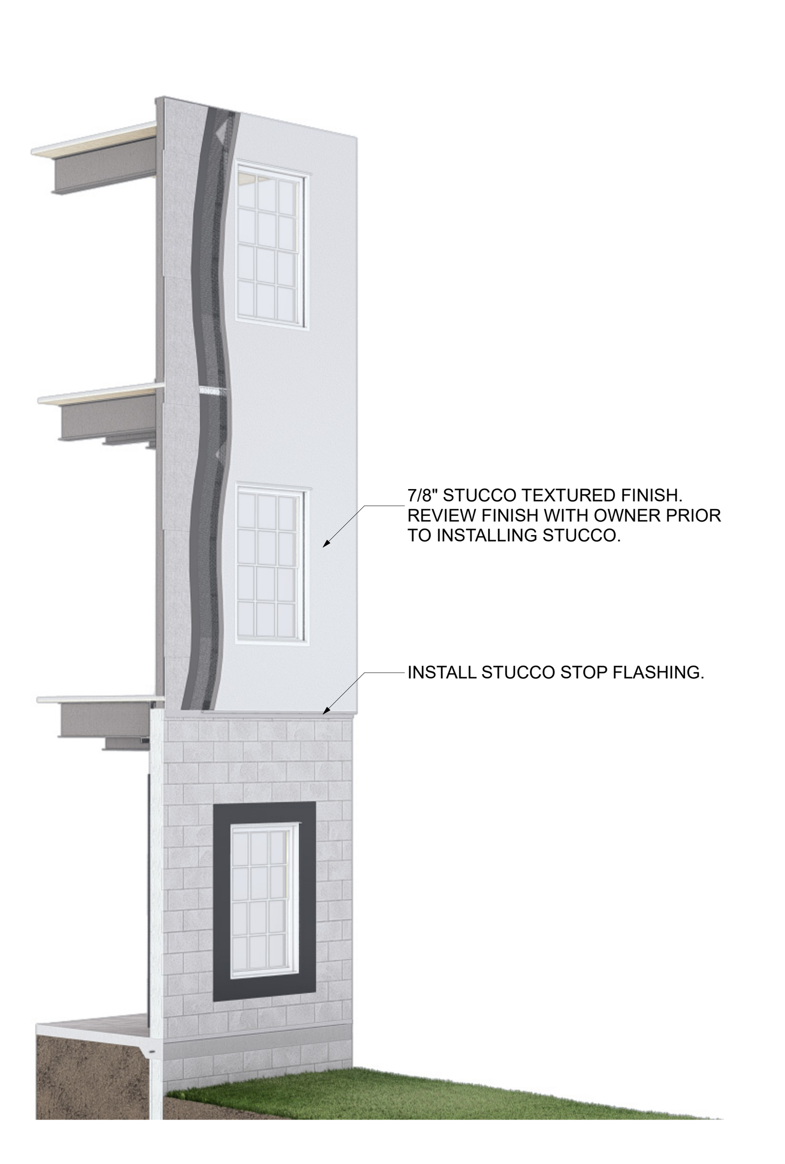
FLASHING SEQUENCE : PART E

FLASHING SEQUENCE : PART F

FLASHING SEQUENCE : PART G



FLASHING SEQUENCE : PART H



FLASHING SEQUENCE : PART I

ALL PRODUCTS TO BE INSTALLED PER MANUFACTURES INSTRUCTIONS AND INDUSTRY STANDARDS

FLASHING & WATERPROOFING DETIALS

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LIABILITY NOTE

STATE OF FLORIDA
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01/19/2024

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DATE
1/12/2024

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FFPC 2024,
NFPA - 101 2021: CH. 42 - STORAGE OCCUPANCIES

42. 1.1.1 THE REQUIREMENTS OF THIS CHAPTER SHALL APPLY TO BOTH NEW AND EXISTING STORAGE OCCUPANCIES.

42.1 .1.2 ADMINISTRATION. THE PROVISIONS OF CHAPTER 1, ADMINISTRATION, SHALL APPLY.

42.1. 1.3 GENERAL. THE PROVISIONS OF CHAPTER 4, GENERAL, SHALL APPLY.

42.1.1 .4 STORAGE OCCUPANCIES SHALL INCLUDE ALL BUILDINGS OR STRUCTURES USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS, OR VEHICLES.

42.1.2.1 STORAGE OCCUPANCIES SHALL INCLUDE ALL BUILDINGS AND STRUCTURES OR PARTS THEREOF WITH OCCUPANCY AS DEFINED IN 6.1.13.

42.1.2.2 INCIDENTAL STORAGE IN ANOTHER OCCUPANCY SHALL NOT BE THE BASIS FOR OVERALL OCCUPANCY CLASSIFICATION.

*6.1.13.1** DEFINITION - STORAGE OCCUPANCY. AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS, OR VEHICLES.

A.6.1.13.1 STORAGE OCCUPANCIES INCLUDE THE FOLLOWING:

(1) BARNS
(2) BULK OIL STORAGE
(3) COLD STORAGE
(4) FREIGHT TERMINALS
(5) GRAIN ELEVATORS
(6) HANGARS (FOR STORAGE ONLY)
(7) PARKING STRUCTURES
(8) TRUCK AND MARINE TERMINALS
(9) WAREHOUSES

STORAGE OCCUPANCIES ARE CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSONS IN PROPORTION TO THE AREA.

*42.1.7** OCCUPANT LOAD. THE OCCUPANT LOAD, IN NUMBER OF PERSONS FOR WHOM MEANS OF EGRESS AND OTHER PROVISIONS ARE REQUIRED, SHALL BE DETERMINED ON THE BASIS OF THE MAXIMUM PROBABLE POPULATION OF THE SPACE UNDER CONSIDERATION.

A.42.1. 7 THERE IS NO OCCUPANT LOAD FACTOR SPECIFIED FOR STORAGE OCCUPANCIES. RATHER, THE PROBABLE MAXIMUM NUMBER OF PERSONS PRESENT NEEDS TO BE CONSIDERED IN DETERMINING THE OCCUPANT LOAD.

42. 2.1.1 EACH REQUIRED MEANS OF EGRESS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF CHAPTER 7.

*42.2.1.2** NORMALLY UNOCCUPIED UTILITY CHASES THAT ARE SECURED FROM UNAUTHORIZED ACCESS AND ARE USED EXCLUSIVELY FOR ROUTING OF ELECTRICAL, MECHANICAL, OR PLUMBING EQUIPMENT SHALL NOT BE REQUIRED TO COMPLY WITH THE PROVISIONS OF CHAPTER 7.

7.1.3.1 EXIT ACCESS CORRIDORS CORRIDORS USED AS EXIT ACCESS AND SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30 SHALL BE SEPARATED FROM OTHER PARTS OF THE BUILDING BY WALLS HAVING NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING IN ACCORDANCE WITH SECTION 8.3, UNLESS OTHERWISE PERMITTED BY ONE OF THE FOLLOWING:

(1) THIS REQUIREMENT SHALL NOT APPLY TO EXISTING BUILDINGS, PROVIDED THAT THE OCCUPANCY CLASSIFICATION DOES NOT CHANGE.

(2) THIS REQUIREMENT SHALL NOT APPLY WHERE OTHERWISE PROVIDED IN CHAPTERS 11 THROUGH 43.

42.2.2.1 COMPONENTS PERMITTED. COMPONENTS OF MEANS OF EGRESS SHALL BE LIMITED TO THE TYPES DESCRIBED IN 42.2.2.2 THROUGH 42.2.2.12.

42.2.2. 2.1 DOORS COMPLYING WITH 7.2.1 SHALL BE PERMITTED.

42.2.2.2.2 DELAYED-EGRESS LOCKS COMPLYING WITH 7.2.1.6.1 SHALL BE PERMITTED.

42.2.2.2.3 ACCESS-CONTROLLED EGRESS DOORS COMPLYING WITH 7.2.1.6.2 SHALL BE PERMITTED.

42.2.2.2.4 LOCKS IN ACCORDANCE WITH 7.2.1.6.3 SHALL BE PERMITTED.

7.2.1.2.1 MEASUREMENT OF CLEAR WIDTH
FOR PURPOSES OF CALCULATING THE WIDTH OF THE DOORS SHALL BE MEASURED AS FOLLOWS:

(1) EACH DOOR LEAF IS REQUIRED TO BE NOT LESS THAN 36 INCHES IN WIDTH.
(2) THE PAIR OF DOORS IS REQUIRED TO PROVIDE SUFFICIENT, CLEAR, UNOBSTRUCTED WIDTH (WHICH WILL BE LESS THAN THE DOOR LEAF WIDTH) TO HANDLE ITS ASSIGNED OCCUPANT LOAD, BASED ON A CALCULATION USING THE APPROPRIATE EGRESS CAPACITY FACTOR IN TABLE 7.3.3.1.
(4) FOR ANY EXISTING DOOR ASSEMBLY, THE MEASUREMENT SHALL BE TAKEN WITH THE LEAF IN THE FULL OPEN POSITION.
(5) PROJECTIONS OF NOT MORE THAN 4 INCHES INTO THE DOOR OPENING WIDTH ON THE HINGE SIDE SHALL NOT BE CONSIDERED REDUCTIONS IN CLEAR WIDTH, PROVIDED THAT SUCH PROJECTIONS ARE FOR PURPOSES OF ACCOMMODATING PANIC HARDWARE OR FIRE EXIT HARDWARE AND ARE LOCATED NOT LESS THAN 34 INCHES AND NOT MORE THAN 48 INCHES ABOVE THE FLOOR.
(6) PROJECTIONS EXCEEDING 6 ft 8 in. ABOVE THE FLOOR SHALL NOT BE CONSIDERED REDUCTIONS IN CLEAR WIDTH.

7.3.3.1 EGRESS CAPACITY FOR APPROVED COMPONENTS OF MEANS OF EGRESS SHALL BE BASED ON THE FOLLOWING CAPACITY FIGURES FROM 7.3.3.1:

COMPONENTS:	0.2 INCHES IN WIDTH PER PERSON
STAIRS:	0.3 INCHES IN WIDTH PER PERSON

7.2.1.3 FLOOR LEVEL

7.2.1.3.1 THE ELEVATION OF THE FLOOR SURFACES ON BOTH ON BOTH FACES OF A DOOR SHALL NOT VARY BY MORE THAN 1/2 INCH.

7.2.1.3.3 THRESHOLDS AT DOOR OPENINGS SHALL NOT EXCEED 1/2" IN HEIGHT.

7.2.1.3.4 RAISED THRESHOLDS AND FLOOR LEVEL CHANGES IN EXCESS OF 1/4" AT DOOR OPENING SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1 IN 12.

11-4.13.11 DOOR OPENING FORCE
THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

(1) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY

(2) OTHER DOORS
(a) EXTERIOR HINGED DOORS SHALL BE SO DESIGNED THAT SUCH DOORS CAN BE OPENED WITH A FORCE NOT EXCEEDING 8.5 LBF
(b) INTERIOR HINGED DOORS: 5 LBF
(c) SLIDING OR FOLDING DOORS: 5 LBF

7.2.1.4.2 DOOR LEAF SWING DIRECTION
DOOR LEAVES REQUIRED TO BE ON THE SIDE-HINGED OR PIVOTED-SWINGING TYPE SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL UNDER THE FOLLOWING CONDITIONS:

(1) WHERE SERVING A ROOM OR AREA WITH AN OCCUPANT LOAD OF 5 OR MORE, EXCEPT UNDER ANY OF THE FOLLOWING CONDITIONS:
(a) DOOR LEAVES IN HORIZONTAL EXISTS SHALL NOT BE REQUIRED TO SWING IN THE DIRECTION OF EGRESS WHERE PERMITTED BY 7.2.4.3.8.1 OR 7.2.4.3.8.2.
(b) DOOR LEAVES IN SMOKE BARRIERS SHALL NOT BE REQUIRED TO SWING IN THE DIRECTION OF EGRESS TRAVEL IN EXISTING HEALTH CARE OCCUPANCIES, AS PROVIDED IN CHAPTER 19.
(2) WHERE THE DOOR ASSEMBLY IS USED IN AN EXIT ENCLOSURE, UNLESS THE DOOR OPENING SERVES AN INDIVIDUAL LIVING UNIT THAT OPENS DIRECTLY IN AN EXIT ENCLOSURE.
(3) WHERE THE DOOR OPENING SERVES A HIGH HAZARD CONTENTS AREA.

7.2.1.4.3.1 DURING ITS SWING, ANY DOOR LEAF IN A MEANS OF EGRESS SHALL NOT HAVE LESS THAN 1/2 OF THE REQUIRED WIDTH OF AN AISLE, A CORRIDOR, A PASSAGEWAY, OR A LANDING UNOBSTRUCTED, UNLESS BOTH OF THE FOLLOWING CONDITIONS ARE MET:

(1) THE DOOR OPENING PROVIDES ACCESS TO A STAIR IN AN EXISTING BUILDING
(2) THE DOOR OPENING MEETS THE REQUIREMENT OF 7.2.1.4.3.2

7.2.1.4.3.2 WHEN FULLY OPEN, ANY DOOR LEAF IN A MEANS OF EGRESS SHALL NOT PROJECT MORE THAN 7 INCHES INTO THE REQUIRED WIDTH OF AN AISLE, A CORRIDOR, A PASSAGEWAY, OR A LANDING, UNLESS THE DOOR LEAF IS EQUIPPED WITH AN APPROVED SELF-CLOSING DEVICE AND IS NOT REQUIRED BY THE PROVISIONS OF 7.2.1.4.2 TO SWING IN THE DIRECTION OF EGRESS TRAVEL.

7.2.1.4.5.1 THE FORCES REQUIRED TO FULLY OPEN ANY DOOR LEAF MANUALLY IN A MEANS OF EGRESS SHALL NOT EXCEED 15 LBF TO RELEASE THE LATCH, 30 LBF TO SET THE LEAF IN MOTION, AND 15 LBF TO OPEN THE LEAF TO THE MINIMUM REQUIRED WIDTH, UNLESS OTHERWISE SPECIFIED AS FOLLOWS:

(1) THE OPENING FORCES FOR INTERIOR SIDE-HINGED OR PIVOTED-SWING DOOR LEAVES WITHOUT CLOSERS SHALL NOT EXCEED 5 LBF.
(2) THE OPENING FORCES OFOR EXISTING DOOR LEAVES IN AN EXISTING BUILDING SHALL NOT EXCEED 50 LBF APPLIED TO THE LATCH SIDE.
(3) THE OPENING FORCES FOR HORIZONTAL-SLIDING DOOR LEAVES IN DETENTION AND CORRECTIONAL OCCUPANCIES SHALL BE AS PROVIDED IN CHAPTERS 22 AND 23.
(4) THE OPENING FORCES OF FOR POWER-OPERATED DOORS SHALL BE AS PROVIDED IN 7.2.1.9.

7.2.1.5.3 LOCKS, IF PROVIDED, SHALL NOT REQUIRED THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE.

*7.2.1.5.5.1** EXTERIOR DOOR ASSEMBLIES SHALL BE PERMITTED TO HAVE KEY-OPERATED LOCKS FROM THE EGRESS SIDE, PROVIDED THAT ALL OF THE FOLLOWING CRITERIA ARE MET:

(1) THIS ALTERNATIVE IS PERMITTED IN CHAPTERS 11 THROUGH 43 FOR THE SPECIFIC OCCUPANCY.
(2) A READILY VISIBLE, DURABLE SIGN IN LETTERS NOT LESS THAN 1 INCH HIGH ON A CONTRASTING BACKGROUND THAT READS AS FOLLOWS ON OR ADJACENT TO THE DOOR LEAF: *"THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED."*
(3) THE LOCKING DEVICE IS OF A TYPE THAT IS READILY DISTINGUISHABLE AS LOCKED.
(4) A KEY IS IMMEDIATELY AVAILABLE TO ANY OCCUPANT INSIDE THE BUILDING WHEN IT IS LOCKED.

7.2.1.5.5.2 THE ALTERNATIVE PROVISIONS OF 7.2.1.5.5.1 SHALL BE PERMITTED TO BE REVOKED BY THE AUTHORITY HAVING JURISDICTION FOR CAUSE

42.2.2.2.2 DELAYED-EGRESS LOCKS COMPLYING WITH 7.2.1.6.1 SHALL BE PERMITTED.

7.2.1.6.1 APPROVED, LISTED, DELAYED-EGRESS LOCKING SYSTEMS SHALL BE PERMITTED TO BE INSTALLED ON DOOR ASSEMBLIES SERVING LOW AND AND ORDINARY HAZARD CONTENTS IN BUILDINGS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC FIRE DETECTION SYSTEM IN ACCORDANCE WITH SECTION 9.7, AND WHERE PERMITTED IN CHAPTERS 11 THROUGH 43, PROVIDED THAT ALL OF THE FOLLOWING CRITERIA ARE MET:

(1) THE DOOR LEAVES SHALL UNLOCK IN THE DIRECTION OF EGRESS UPON ACTUATION OF ONE OF THE FOLLOWING:
(a) APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7
(b) NOT MORE THAN ONE HEAR DETECTOR OF AN APPROVED, SUPERVISED AUTOMATIC FIRE DETECTION SYSTEM IN ACCORDANCE WITH SECTION 9.6
(c) NOT MORE THAN (2) SMOKE DETECTORS OF AN APPROVED, SUPERVISED AUTOMATIC FIRE DETECTION SYSTEM IN ACCORDANCE WITH SECTION 9.6
(2) THE DOOR LEAVES SHALL UNLOCK IN THE DIRECTION OF EGRESS UPON LOSS OF POWER CONTROLLING THE LOCK OR LOCKING MECHANISM.
(3)* AN IRREVERSIBLE PROCESS SHALL RELEASE THE LOCK IN THE DIRECTION OF EGRESS WITHIN 15 SECONDS, OR 30 SECONDS WHERE APPROVED BY THE AUTHORITY HAVING JURISDICTION,UPON APPLICATION OF A FORCE TO RELEASE DEVICE REQUIRED IN 7.2.1.5.10 UNDER ALL OF THE FOLLOWING CONDITIONS:
(a) THE FORCE SHALL NOT BE REQUIRED TO EXCEED 15 LBF
(b) THE FORCE SHALL NOT BE REQUIRED TO BE CONTINUOUSLY APPLIED FOR MORE THAN 3 SECONDS
(c) THE INITIATION OF THE RELEASE PROCESS SHALL ACTIVATE AN AUDIBLE SIGNAL IN THE VICINITY OF THE DOOR OPENING
(d) ONCE THE LOCK HAS BEEN RELEASE BY THE APPLICATION OF FORCE TO THE RELEASING DEVICE, RELOCKING SHALL BE BY MANUAL MEANS ONLY.

42.2.2.2.3 ACCESS-CONTROL LED EGRESS DOORS COMPLYING WITH 7.2.1.6.2 SHALL BE PERMITTED.

42.2.2.2.4 LOCKS IN ACCORDANCE WITH 7.2.1.6.3 SHALL BE PERMITTED.

42.2.2.2.5 APPROVED EXISTING HORIZONTAL-SLIDING FIRE DOORS SHALL BE PERMITTED IN THE MEANS OF EGRESS WHERE THEY COMPLY WITH ALL OF THE FOLLOWING CONDITIONS:

(1) THEY ARE HELD OPEN BY FUSIBLE LINKS.
(2) THE FUSIBLE LINKS ARE RATED AT NOT LESS THAN 165°F (74°C).
(3) THE FUSIBLE LINKS ARE LOCATED NOT MORE THAN 10 FT (3050 MM) ABOVE THE FLOOR.
(4) THE FUSIBLE LINKS ARE IN IMMEDIATE PROXIMITY TO THE DOOR OPENING.
(5) THE FUSIBLE LINKS ARE NOT LOCATED ABOVE A CEILING.
(6) THE DOOR IS NOT CREDITED WITH PROVIDING ANY PROTECTION UNDER THIS CODE.

7.2.1.6.1.2 THE PROVISIONS OF 7 .2.1.6.2 FOR ACCESS-CONTROLLED EGRESS DOOR ASSEMBLIES SHALL NOT APPLY TO DOOR ASSEMBLIES WITH DELAYED-EGRESS LOCKING SYSTEMS.

7.2.1.6.2* ACCESS-CONTROLLED EGRESS DOOR ASSEMBLIES. WHERE PERMITTED IN CHAPTERS 11 THROUGH 43, DOOR ASSEMBLIES IN THE MEANS OF EGRESS SHALL BE PERMITTED TO BE EQUIPPED WITH ELECTRICAL LOCK HARDWARE THAT PREVENTS EGRESS, PROVIDED THAT ALL OF THE FOLLOWING CRITERIA ARE MET:

(1) A SENSOR SHALL BE PROVIDED ON THE EGRESS SIDE, ARRANGED TO UNLOCK THE DOOR LEAF IN THE DIRECTION OF EGRESS UPON DETECTION OF AN APPROACHING OCCUPANT.
(2) DOOR LEAVES SHALL AUTOMATICALLY UNLOCK IN THE DIRECTION OF EGRESS UPON LOSS OF POWER TO THE SENSOR OR TO THE PART OF THE ACCESS CONTROL SYSTEM THAT LOCKS THE DOOR LEAVES.
(3) DOOR LOCKS SHALL BE ARRANGED TO UNLOCK IN THE DIRECTION OF EGRESS FROM A MANUAL RELEASE DEVICE COMPLYING WITH ALL OF THE FOLLOWING CRITERIA:

(A) THE MANUAL RELEASE DEVICE SHALL BE LOCATED ON THE EGRESS SIDE, 40 IN. TO 48 IN. (1015 MM TO 1220 MM) VERTICALLY ABOVE THE FLOOR, AND WITHIN 60 IN. (1525 MM) OF THE SECURED DOOR OPENINGS.
(B) THE MANUAL RELEASE DEVICE SHALL BE READILY ACCESSIBLE AND CLEARLY IDENTIFIED BY A SIGN THAT READS AS FOLLOWS: PUSH TO EXIT.
(C) WHEN OPERATED, THE MANUAL RELEASE DEVICE SHALL RESULT IN DIRECT INTERRUPTION OF POWER TO THE LOCK - INDEPENDENT OF THE LOCKING SYSTEM ELECTRONICS - AND THE LOCK SHALL REMAIN UNLOCKED FOR NOT LESS THAN 30 SECONDS.

(4) ACTIVATION OF THE BUILDING FIRE-PROTECTIVE SIGNALING SYSTEM, IF PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOOR LEAVES IN THE DIRECTION OF EGRESS, AND THE DOOR LEAVES SHALL REMAIN UNLOCKED UNTIL THE FIRE-PROTECTIVE SIGNALING SYSTEM HAS BEEN MANUALLY RESET.
(5) THE ACTIVATION OF MANUAL FIRE ALARM BOXES THAT ACTIVATE THE BUILDING FIRE-PROTECTIVE SIGNALING SYSTEM SPECIFIED IN 7.2.1.6.2(4) SHALL NOT BE REQUIRED TO UNLOCK THE DOOR LEAVES.
(6) ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER OR FIRE DETECTION SYSTEM, IF PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOOR LEAVES IN THE DIRECTION OF EGRESS, AND THE DOOR LEAVES SHALL REMAIN UNLOCKED UNTIL THE FIRE-PROTECTIVE SIGNALING SYSTEM HAS BEEN MANUALLY RESET.
(7) THE EGRESS SIDE OF ACCESS-CONTROLLED EGRESS DOORS, OTHER THAN EXISTING ACCESS-CONTROLLED EGRESS DOORS, SHALL BE PROVIDED WITH EMERGENCY LIGHTING IN ACCORDANCE WITH SECTION 7.9.

A.7.2.1.6.2 IT IS NOT THE INTENT TO REQUIRE DOORS THAT RESTRICT ACC ESS BUT THAT COMPLY WITH 7.2.1.5.10 TO COMPLY WITH THE ACCESS-CONTROLLED EGRESS DOOR PROVISIONS OF 7.2.1.6.2. THE TERM ACCESS-CONTROLLED WAS CHOSEN WHEN THE REQUIREMENTS OF 7.2.1.6.2 WERE FIRST ADDED TO THE CODE TO DESCRIBE THE FUNCTION IN WHICH A DOOR IS ELECTRONICALLY LOCKED FROM THE INSIDE IN A MANNER THAT RESTRICTS EGRESS. IT IS NOT THE CODE'S INTENT TO PROHIBIT METHODS OF SECURING THE DOOR IN A LOCKED POSITION FROM THE OUTSIDE WITH ACCESS CONTROL PRODUCTS, PROVIDED THAT THE EGRESS REQUIREMENTS OF 7.2.1.6.2 ARE MET.

7.2.1.6.3 ELEVATOR LOBBY EXIT ACCESS DOOR ASSEMBLIES LOCKING. WHERE PERMITTED IN CHAPTERS 11 THROUGH 43, DOOR ASSEMBLIES SEPARATING THE ELEVATOR LOBBY FROM THE EXIT ACCESS REQUIRED BY 7.4.1.6.1 SHALL BE PERMITTED TO BE ELECTRICALLY LOCKED, PROVIDED THAT ALL THE FOLLOWING CRITERIA ARE MET:

(1) THE LOCK IS LISTED IN ACCORDANCE WITH ANSI/UL 294, STAN-DARD FOR ACCESS CONTROL SYSTEM UNITS.
(2) THE BUILDING IS PROTECTED THROUGHOUT BY A FIRE ALARM SYS-TEM IN ACCORDANCE WITH SECTION 9.6.
(3) THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7.
(4) WATERFLOW IN THE SPRINKLER SYSTEM REQUIRED BY 7.2.1.6.3(3) IS ARRANGED TO INITIATE THE BUILDING FIRE ALARM SYSTEM.
(5) THE ELEVATOR LOBBY IS PROTECTED BY AN APPROVED, SUPERVISED SMOKE DETECTION SYSTEM IN ACCORDANCE WITH SECTION 9.6.
(6) DETECTION OF SMOKE BY THE DETECTION SYSTEM REQUIRED BY 7.2.1.6.3(5) IS ARRANGED TO INITIATE THE BUILDING FIRE ALARM SYSTEM AND NOTIFY BUILDING OCCUPANTS.
(7) INITIATION OF THE BUILDING FIRE ALARM SYSTEM BY OTHER THAN MANUAL FIRE ALARM BOXES UNLOCKS THE ELEVATOR LOBBY DOOR ASSEMBLY. (8) LOSS OF POWER TO THE ELEVATOR LOBBY ELECTRONIC LOCK SYSTEM UNLOCKS THE ELEVATOR LOBBY DOOR ASSEMBLIES.
(9) ONCE UNLOCKED, THE ELEVATOR LOBBY DOOR ASSEMBLIES REMAIN UNLOCKED UNTIL THE BUILDING FIRE ALARM SYSTEM HAS BEEN MANUALLY RESET.
(10) WHERE THE ELEVATOR LOBBY DOOR ASSEMBLIES REMAIN LATCHED AFTER BEING UNLOCKED, LATCH-RELEASING HARDWARE IN ACCORDANCE WITH 7.2.1.5.10 IS AFFIXED TO THE DOOR LEAVES.
(11) A TWO-WAY COMMUNICATION SYSTEM IS PROVIDED FOR COMMUNICATION BETWEEN THE ELEVATOR LOBBY AND A CENTRAL CONTROL POINT THAT IS CONSTANTLY STAFFED.
(12) THE CENTRAL CONTROL POINT STAFF REQUIRED BY 7.2.1.6.3(11) IS CAPABLE, TRAINED, AND AUTHORIZED TO PROVIDE EMERGENCY ASSISTANCE. (13) THE PROVISIONS OF 7.2.1.6.1 FOR DELAYED-EGRESS LOCKING SYSTEMS ARE NOT APPLIED TO THE ELEVATOR LOBBY DOOR ASSEMBLIES.
(14)* THE PROVISIONS OF 7.2.1.6.2 FOR ACCESS-CONTROLLED EGRESS DOOR ASSEMBLIES ARE NOT APPLIED TO THE ELEVATOR LOBBY DOOR ASSEMBLIES.

7.2.1.7.1 WHERE A DOOR ASSEMBLY IS REQUIRED TO BE EQUIPPED WITH PANIC OR FIRE EXIT HARDWARE, SUCH HARDWARE SHALL MEET ALL OF THE FOLLOWING CRITERIA:

(1) IT SHALL CONSIST OF A CROSS BAR OR A PUSH PAD, THE ACTUATING PORTION OF WHICH EXTENDS ACROSS NOT LESS THAN ONE-HALF OF THE WIDTH OF THE DOOR LEAF.
(2) IT SHALL BE MOUNTED AS FOLLOWS:

(A) NEW INSTALLATIONS SHALL BE NOT LESS THAN 34 IN. (865 MM), AND NOT MORE THAN 48 IN. (1220 MM), ABOVE THE FLOOR.
(B) EXISTING INSTALLATIONS SHALL BE NOT LESS THAN 30 IN. (760 MM), AND NOT MORE THAN 48 IN. (1220 MM), ABOVE THE FLOOR.

(3) IT SHALL BE CONSTRUCTED SO THAT A HORIZONTAL FORCE NOT TO EXCEED 15 LBF (66 N) ACTUATES THE CROSS BAR OR PUSH PAD AND LATCHES.

7.3.4.1 THE WIDTH OF ANY MEANS OF EGRESS, UNLESS OTHERWISE PROVIDED IN 7.3.4.1.1 THROUGH 7.3.4.1.3, SHALL BE AS FOLLOWS:

(1) NOT LESS THAN THAT REQUIRED FOR A GIVEN EGRESS COMPONENT IN THIS CHAPTER OR CHAPTERS 11 THROUGH 43
(2) NOT LESS THAN 36 INCHES WHERE ANOTHER PART OF THIS CHAPTER AND CHAPTERS 11 THROUGH 43 DO NOT SPECIFY A MINIMUM WIDTH

LIFE SAFETY NOTES

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NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

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ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA
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1/19/2024
REGISTERED ARCHITECT

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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-801

FFPC 2024,
NFPA - 101 2021: CH. 42 - STORAGE OCCUPANCIES (CONT.)

42.2.2.3.1 STAIRS SHALL COMPLY WITH 7.2.2 AND SHALL BE PERMITTED TO BE MODIFIED BY ANY OF THE FOLLOWING:

(1) NONCOMBUSTIBLE GRATED STAIR TREADS AND NONCOMBUSTIBLE GRATED LANDING FLOORS SHALL BE PERMITTED.
(2) INDUSTRIAL EQUIPMENT ACCESS STAIRS IN ACCORDANCE WITH 40.2.5.3 SHALL BE PERMITTED.

*42.2.2.5.2** IN HORIZONTAL EXITS WHERE THE OPENING IS PROTECTED BY A FIRE DOOR ASSEMBLY ON EACH SIDE OF THE WALL IN WHICH IT IS LOCATED, ONE FIRE DOOR SHALL BE OF THE SWINGING TYPE, AS PROVIDED IN 7.2.4.3.8, AND THE OTHER SHALL BE PERMITTED TO BE AN AUTOMATIC-SLIDING FIRE DOOR THAT SHALL BE KEPT OPEN WHENEVER THE BUILDING IS OCCUPIED.

A.42.2.2.5.2 THE CUSTOMARY BUILDING CODE REQUIREMENT FOR FIRE DOORS ON BOTH SIDES OF AN OPENING IN A FIRE WALL IS PERMITTED TO BE MET BY HAVING AN AUTOMATIC-SLIDING FIRE DOOR ON ONE SIDE AND A SELF-CLOSING FIRE DOOR SWINGING OUT FROM THE OTHER SIDE OF THE WALL. THIS ARRANGEMENT QUALIFIES ONLY AS A HORIZONTAL EXIT FROM THE SLIDING DOOR SIDE.

7.4.1.1 THE NUMBER OF MEANS OF EGRESS FROM ANY BALCONY, MEZZANINE, STORY, OR PORTION THEREOF SHALL NOT BE LESS THAN TWO, EXCEPT UNDER ONE OF THE FOLLOWING CONDITIONS:

(1) A SINGLE MEANS OF EGRESS SHALL BE PERMITTED WHERE PERMITTED IN CHAPTERS 11 THROUGH 43.
(2) A SINGLE MEANS OF EGRESS SHALL BE PERMITTED FOR A MEZZANINE OR BALCONY WHERE THE COMMON PATH OF TRAVEL LIMITATIONS OF CHAPTERS 11 THROUGH 43 ARE MET.

7.4.1.3 ACCESSIBLE MEANS OF EGRESS IN ACCORDANCE WITH 7.5.4 THAT DO NOT UTILIZE ELEVATORS SHALL BE PERMITTED TO SERVE AS ANY OR ALL OF THE REQUIRED MINIMUM NUMBER OF EGRESS.

7.4.1.4 THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE REQUIRED TO BE USED IN COMPUTING THE NUMBER OF MEANS OF EGRESS AT EACH STORY, PROVIDED THAT THE NUMBER OF MEANS OF EGRESS IS NOT DECREASED IN THE DIRECTION OF EGRESS TRAVEL.

7.4.1.6.1 EACH ELEVATOR LANDING AND LOBBY SHALL HAVE ACCESS TO AT LEAST (1) EXIT

7.4.1.6.2 THE ELEVATOR LANDING AND LOBBY EXIT ACCESS REQUIRED BY 7.4.1.6.1 SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, SPECIAL KNOWLEDGE, OR SPECIAL EFFORT, UNLESS PERMITTED BY 7.4.1.6.3

7.5.1.3.1 WHERE MORE THAN ONE EXIT, EXIT ACCESS, OR EXIT DISCHARGE IS REQUIRED FROM A BUILDING OR PORTION THEREOF, SUCH EXITS, EXIT ACCESSES, OR EXIT DISCHARGES SHALL BE REMOTELY LOCATED FROM EACH OTHER AND BE ARRANGED TO MINIMIZE THE POSSIBILITY THAT MORE THAN ONE HAS THE POTENTIAL TO BE BLOCKED BY ANY ON FIRE OR EMERGENCY CONDITION.

*7.5.1.3.2** WHERE (2) EXITS, EXIT ACCESS, OR EXIT DISCHARGE ARE REQUIRED, THEY SHALL BE LOCATED AT A DISTANCE FROM ONE ANOTHER NOT LESS THAN ONE-HALF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED, MEASURED IN A STRAIGHT LINE BETWEEN THE NEAREST EDGE OF THE EXITS, EXIT ACCESSES, OR EXIT DISCHARGES, UNLESS PROVIDED IN 7.5.1.3.3 THROUGH 7.5.1.3.5

*7.6.3** WHERE OPEN STAIRWAYS OR RAMPS ARE PERMITTED AS A PATH OF TRAVEL TO REQUIRED EXITS, THE DISTANCE SHALL INCLUDE THE TRAVEL ON THE STAIRWAY OR RAMP AND THE TRAVEL FROM THE END OF THE STAIRWAY OR RAMP TO AN OUTSIDE DOOR OR OTHER EXIT IN ADDITION TO THE DISTANCE TRAVELED TO REACH THE STAIRWAY OR RAMP.

A.7.6.3 EXAMPLES OF LOCATIONS WHERE OPEN STAIRWAYS MIGHT EXIST INCLUDE BETWEEN MEZZANINES OR BALCONIES AND THE FLOOR BELOW.

7.8.1.3 THE FLOORS AND OTHER WALKING SURFACES WITHIN AN EXIT AND WITHIN THE PORTIONS OF THE EXIT ACCESS AND EXIT DISCHARGE DESIGNATED IN 7.8.1.1 SHALL BE ILLUMINATED AS FOLLOWS:

(1) DURING CONDITIONS OF STAIR USE, THE MINIMUM ILLUMINATION FOR NEW STAIRS SHALL BE AT LEAST 10 FC (108 LUX), MEASURED AT THE WALKING SURFACE
(2) THE MINIMUM ILLUMINATION FOR FLOORS AND OTHER WALKING SURFACES, OTHER THAN NEW STAIRS DURING CONDITIONS OF STAIR USE, SHALL BE TO VALUES OF AT LEAST 1 FC (10.8 LUX), MEASURED AT THE FLOOR
(3) IN ASSEMBLY OCCUPANCIES, THE ILLUMINATION OF THE WALKING SURFACES OF EXIT ACCESS SHALL BE AT LEAST 0.2 FC (2.2 LUX) DURING PERIODS OF PERFORMANCES OR PROJECTIONS INVOLVING DIRECT LIGHT
(4) THE MINIMUM ILLUMINATION REQUIREMENTS SHALL NOT APPLY WHERE OPERATIONS OR PROCESSES REQUIRE LOW LIGHTING LEVELS.

*7.8.1.4** REQUIRED ILLUMINATION SHALL BE ARRANGED SO THE FAILURE OF ANY SINGLE LIGHTING UNIT DOES NOT RESULT IN AN ILLUMINATION LEVEL OF LESS THAN 0.2 FC (2.2 LUX) IN ANY DESIGNATED AREA.

*7.10.1.2.1** EXITS, OTHER THAN MAIN EXTERIOR EXIT DOORS SHALL BE MARKED BY AN APPROVED SIGN THAT ARE CLEARLY IDENTIFIABLE AS EXITS, SHALL BE MARKED BY AN APPROVED SIGN THAT IS READILY VISIBLE FROM ANY DIRECTION OF EXIT ACCESS.

42.3.6 CORRIDORS. THE PROVISIONS OF 7.1.3.1 SHALL NOT APPLY.

2023 FLORIDA BUILDING CODE 8th EDITION

CHAPTER 7: FIRE AND SMOKE PROTECTION FEATURES

SECTION 708 FIRE PARTITIONS

708.3 FIRE PARTITIONS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR

EXCEPTIONS:
(1) CORRIDOR WALLS PERMITTED TO HAVE A 1/2-HOUR FIRE RESISTANCE RATING BY TABLE 1020.1

1020.1 CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1. THE CORRIDOR WALLS REQUIRED TO BE FIRE-RESISTANCE RATED SHALL COMPLY WITH SECTION 708 FOR FIRE PARTITIONS

-PER TABLE 1020.1:
S-1 WITH SPRINKLER SYSTEM = 0 FIRE RESISTANCE RATING

SECTION 713 SHAFT ENCLOSURES

713.4 FIRE RESISTANCE RATING. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 2-HOURS WHERE CONNECTING FOUR STORIES OR MORE, AND NOT LESS THAN 1-HOUR WHERE CONNECTING LESS THAN FOUR STORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THE THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2-HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION 703.2.1.

713.5 CONTINUITY. SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 711, OR BOTH, AND SHALL HAVE CONTINUITY WITH SECTION 707.5 FOR FIRE BARRIERS OR 711.2.2 FOR HORIZONTAL ASSEMBLIES, AS APPLICABLE

713.7 OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716 AS REQUIRED FOR FIRE BARRIERS. DOORS SHALL BE SELF OR AUTOMATIC-CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 716.5.9.3

716.5.9.3 SMOKE-ACTIVATED DOORS. AUTOMATIC-CLOSING DOORS INSTALLED IN THE FOLLOWING LOCATIONS SHALL BE AUTOMATIC-CLOSING BY THE ACTUATION OF SMOKE DETECTORS INSTALLED DIN ACCORDANCE WITH SECTION 907.3 OR BY LOSS OF POWER TO THE SMOKE DETECTOR OR HOLD-OPEN DEVICE. DOORS THAT ARE AUTOMATIC-CLOSING BY SMOKE DETECTION SHALL NOT HAVE MORE THAN A 10-SECOND DELAY BEFORE THE DOOR STARTS TO CLOSE AFTER THE SMOKE DETECTOR IS ACTUATED.

(1) DOORS INSTALLED ACROSS A CORRIDOR.
(2) DOORS INSTALLED IN THE ENCLOSURES OF EXIT ACCESS STAIRWAYS AND RAMPS WITH SECTIONS 1019 AND 1023 RESPECTIVELY.
(3) DOORS THAT PROTECT OPENINGS IN EXITS OR CORRIDORS REQUIRED TO BE OF FIRE-RESISTANCE-RATED CONSTRUCTION.
(4) DOORS THAT PROTECT OPENINGS IN WALLS THAT ARE CAPABLE OF RESISTING THE PASSAGE OF SMOKE IN ACCORDANCE WITH SECTION 509.4.
(5) DOORS INSTALLED IN SMOKE BARRIERS IN ACCORDANCE WITH SECTION 709.5.
(6) DOORS INSTALLED IN FIRE PARTITIONS IN ACCORDANCE WITH 708.6.
(7) DOORS INSTALLED IN FIRE WALLS IN ACCORDANCE WITH SECTION 706.8.
(8) DOORS INSTALLED IN SHAFT ENCLOSURES IN ACCORDANCE WITH 713.7.
(9) DOORS INSTALLED IN WASTE AND LINEN CHUTES, DISCHARGE OPENINGS AND ACCESS AND DISCHARGE ROOMS IN ACCORDANCE WITH SECTION 713.13. LOADING DOORS INSTALLED IN WASTE AND LINEN CHUTES SHALL MEET THE REQUIREMENTS OF SECTIONS 716.5.9 AND 716.5.9.1.1.
(10) DOORS INSTALLED IN THE WALLS FOR COMPARTMENTATION OF UNDERGROUND BUILDINGS IN ACCORDANCE WITH SECTION 405.4.2.
(11) DOORS INSTALLED IN THE ELEVATOR LOBBY WALLS OF UNDERGROUND BUILDINGS IN ACCORDANCE WITH SECTION 405.4.3.
(12) DOORS INSTALLED IN SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 710.5.2.3.

706.8 EACH OPENING THROUGH A FIRE WALL SHALL BE PROTECTED WITH SECTION 716.5 AND SHALL NOT EXCEED 156 FT^2. THE AGGREGATE WIDTH OF OPENINGS AT ANY FLOOR LEVEL SHALL NOT EXCEED 25 PERCENT OF THE LENGTH OF THE WALL.

EXCEPTIONS:
(1) OPENINGS ARE NOT PERMITTED IN PARTY WALLS CONSTRUCTED IN ACCORDANCE WITH SECTION 706.1.1.
(2) OPENINGS SHALL NOT BE LIMITED TO 156 FT^2 WHERE BOTH BUILDINGS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.

708.6 OPENINGS IN A FIRE PARTITION SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716.

709.5 OPENINGS IN A SMOKE BARRIER SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716.

713.7 OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716 AS REQUIRED FOR FIRE BARRIERS. DOORS SHALL BE SELF OR AUTOMATIC-CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 716.5.9.3.

713.7.1 OPENINGS OTHER THAN THOSE NECESSARY FOR THE PURPOSE OF THE SHAFT SHALL NOT BE PERMITTED IN SHAFT ENCLOSURES.

CHAPTER 10: MEANS OF EGRESS

TABLE 1004.1.2 THE MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT:

ACCESSORY STORAGE AREAS:	300 GROSS
SHOPS AND VOCATIONAL ROOMS:	50 NET
MERCANTILE:	60 GROSS
WAREHOUSES:	500 GROSS
ASSEMBLY (UNCONCENTRATED)	15 NET
KITCHENS, COMMERCIAL	200 GROSS

1005.3 THE REQUIRED CAPACITY, IN INCHES, OF MEANS OF EGRESS FOR ANY ROOM, AREA, SPEC, OR STORY SHALL NOT BE LESS THAN THAT DETERMINED IN ACCORDANCE WITH SECTIONS 1005.3.1 AND 1005.3.2.

1005.3.1 THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS FACTOR OF 0.3 INCH PER OCCUPANT. WHERE STAIRWAYS SERVE MORE THAN ONE STORY, ONLY THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE USED IN CALCULATING THE REQUIRED CAPACITY OF THE STAIRWAYS SERVING THAT STORY.

EXCEPTIONS:
(1) FOR OTHER THAN GROUP H AND I-2 OCCUPANCIES, THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS CAPACITY OF 0.2 INCH PER OCCUPANT IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALL IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 AND AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5.2.2.
(2) FACILITIES WITH SMOKE-PROTECTED ASSEMBLY SEATING SHALL BE PERMITTED TO USE THE CAPACITY FACTORS IN TABLE 1029.6.2 INDICATED FOR STEPPED AISLES FOR EXIT ACCESS OR EXIT STAIRWAYS WHERE THE ENTIRE PATH FOR MEANS OF EGRESS FROM THE SEATING TO THE EXIT DISCHARGE IS PROVIDED WITH A SMOKE CONTROL SYSTEM COMPLYING WITH SECTION 909.
(3) FACILITIES WITH OUTDOOR SMOKE-PROTECTED ASSEMBLY SEATING SHALL BE PERMITTED TO THE CAPACITY FACTORS IN TABLE 1029.6.3 INDICATED FOR STEPPED AISLES FOR EXIT ACCESS OR EXIT STAIRWAYS WHERE THE ENTIRE PATH FOR MEANS OF EGRESS FROM THE SEATING TO THE EXIT DISCHARGE IS OPEN TO THE OUTDOORS.

1005.3.2 THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT.

1006.3 THE MEANS OF EGRESS SYSTEM SERVING ANY STORY OR OCCUPIED ROOF SHALL BE PROVIDED WITH THE NUMBER OF EXITS BASED ON THE AGGREGATE OCCUPANT LOAD SERVED IN ACCORDANCE WITH THIS SECTION. THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL NOT PASS THROUGH MORE THAN ONE ADJACENT STORY.

1006.3.1 EACH STORY SHALL HAVE THE MINIMUM NUMBER OF INDEPENDENT EXITS, OR ACCESS TO EXITS, AS SPECIFIED IN TABLE 1006.3.1. A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED IN ACCORDANCE WITH SECTION 1006.3.2. THE REQUIRED NUMBER OF EXITS, OR EXIT ACCESS STAIRWAYS OR RAMPS PROVIDING ACCESS TO EXITS, FROM ANY STORY OR OCCUPIED ROOF SHALL BE MAINTAINED UNTIL ARRIVAL AT THE EXIT DISCHARGE OR PUBLIC WAY.

1006.3.2 A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED FROM ANY STORY OR OCCUPIED ROOF WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

(1) THE OCCUPANT LOAD, NUMBER OF DWELLING UNITS AND COMMON PATH EGRESS TRAVEL DISTANCE DOES NOT EXCEED THE VALUES IN TABLE 1006.3.2(1) O R1006.3.2(2).
(2) ROOMS, AREAS, AND SPACES COMPLYING WITH SECTION 1006.2.1 WITH EXITS THAT DISCHARGE DIRECTLY TO THE EXTERIOR LEVEL OF EXIT DISCHARGE, ARE PERMITTED TO HAVE ONE EXIT OR ACCESS TO A SINGLE EXIT.
(3) PARKING GARAGES WHERE VEHICLES ARE MECHANICALLY PARKED SHALL BE PERMITTED TO HAVE A SINGLE EXIT OR ACCESS TO A SINGLE EXIT.

1006.3.2.1 MIXED OCCUPANCIES. WHERE ONE EXIT, OR EXIT ACCESS STAIRWAY OR RAMP PROVIDING ACCESS TO EXITS AT OTHER STORIES, IS PERMITTED TO SERVE INDIVIDUAL STORIES, MIXED OCCUPANCIES SHALL BE PERMITTED TO BE SERVED BY SINGLE EXITS PROVIDED EACH INDIVIDUAL OCCUPANCY COMPLIES WITH THE APPLICABLE REQUIREMENTS OF TABLE 1006.3.2(1) OR 1006.3.2(2) FOR THAT OCCUPANCY. WHERE APPLICATION, CUMULATIVE OCCUPANT LOADS FROM ADJACENT OCCUPANCIES SHALL BE CONSIDERED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 1004.1. IN EACH STORY OF A MIXED OCCUPANCY BUILDING, THE MAXIMUM NUMBER OF OCCUPANTS SEVED BY A SINGLE EXIT SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE CALCULATED NUMBER OF OCCUPANTS OF THE SPACE DIVIDED BY THE ALLOWABLE NUMBER OF OCCUPANTS INDICATED IN TABLE 1006.3.2(2) FOR EACH OCCUPANCY DOES NOT EXCEED ONE. WHERE DWELLING UNITS ARE LOCATED ON A STORY WITH OTHER OCCUPANCIES, THE ACTUAL NUMBER OF DWELLING UNITS DIVIDED BY FOUR PLUS THE RATIO FROM THE OTHER OCCUPANCY DOES NOT EXCEED ONE.

1008.1 ILLUMINATION SHALL BE PROVIDED IN THE MEANS OF EGRESS IN ACCORDANCE WITH SECTION 1008.2. UNDER EMERGENCY POWER, MEANS OF EGRESS ILLUMINATION SHALL COMPLY WITH SECTION 1008.3

1008.2 THE MEANS OF EGRESS SERVING A ROOM OR SPACE SHALL BE ILLUMINATED AT ALL TIMES THAT THE ROOM OR SPACE IS OCCUPIED.

1008.2.1 ILLUMINATION LEVEL UNDER NORMAL POWER. THE MEANS OF EGRESS ILLUMINATION SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE.

LIFE SAFETY NOTES (CONTINUED)

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CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	A-802

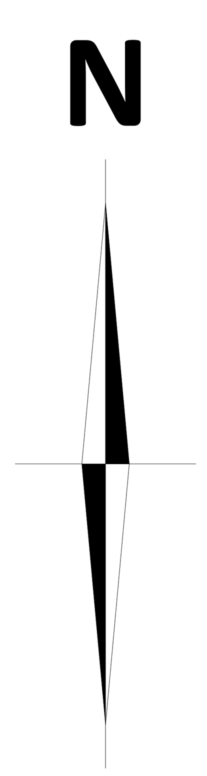
CODE COMPLIANCE DATA	FFPC 2023 REQUIRED	PROVIDED
OCCUPANCY CLASSIFICATION	FIRST FLOOR S-1	FIRST FLOOR S-1
OCCUPANCY LOAD	*SEE G-001 PAGE*	14
REQUIRED EXITS	2	5
EXIT CAPACITY	14 X .02" = 0.28"	34"
MAIN ENTRY EGRESS	32"	118"
EGRESS CORRIDOR WIDTH	36"	60"
DOOR OPENING WIDTH	32"	34"
DEAD END	50' MAX	25'-0"
PATH OF TRAVEL	<250'	MAX TRAVEL DISTANCE 149'-3"
EMERGENCY ILLUMINATION	REQUIRED	PROVIDED
TENANT SEPARATION	N/A	NON-SEPARATED

LIFE SAFETY LEGEND

ALL DIMENSIONS REFERENCED ARE FROM INTERIOR FINISH SURFACE OF COMPONENT/ASSEMBLY

SYMBOL	DESCRIPTION
	DIRECTION OF TRAVEL
	DIAGONAL DISTANCE
	DISTANCE BETWEEN EXISTS
	TRAVEL PATH
	INDICATES 1-HR FIRE RATED WALL
	INDICATES 2-HR FIRE RATED WALL
	FIRE EXTINGUISHER: TYPE 2A10 BC *(75'-0" MAX SPACING; CONTROL MOUNTING HEIGHT AT 42" OR LESS)*
	EMERGENCY BATTERY BACK-UP: ILB-CP12 W/ MOTION SENSOR DH2-S-50-UNVL-2-1-N-0
	EXTERIOR WHEATHER RATED EMERGENCY LIGHTING: WALL MOUNT W/ BATTERY BACKUP
	EMERGENCY LIGHTING: WALL MOUNT W/ BATTERY BACKUP
	LIGHTED EXIT SIGN & DUAL EXIT LIGHTING COMBO: SINGLE DIRECTION W/ BATTERY BACKUP
	LIGHTED EXIT SIGN: SINGLE SIDED, FROM SINGLE DIRECTION W/ BATTERY BACKUP
	LIGHTED EXIT SIGN: TWO SIDED, FROM TWO DIRECTIONS W/ BATTERY BACKUP

** NOT ALL SYMBOLS MAY APPLY TO THESE PLANS**



LIFE SAFETY PLAN

SCALE: 3/32" = 1'-0"

IMPORTANT NOTES

THIS PROJECT SHALL BE PROVIDED WITH SIGN FOR LIGH-FRAME ROOF AS PER FLORIDA STATUTE 633.027 & THE FLORIDA ADMINISTRATIVE CODE 69 A-60.0081 NOTICE REQUIRED FOR STRUCTURES WITH LIGHT FRAME TRUSS-TYPE CONSTRUCTION SEE ATTACHED.

633.027 BUILDINGS WITH LIGHT-FRAME TRUSS TYPE CONSTUCTION; NOTICE REQUIREMENTS; ENFORCEMENT.

"THE STATE FIRE MARSHAL, AND LOCAL FIRE OFFICALS IN ACCORDANCE WITH S. 633.121, SHALL ENFORCE THE PROVISIONS OF TIS SECTION. ANY OWNER WHO FAILS TO COMPLY WITH THE REQUIREMENTS OF THIS SECTION IS SUBJECT TO PENEALTIES AS PROVIDED IN S. 633.161. HISTORY. S. 5, CH. 2008-192"

"APPROVED SYMBOL" MEANS A MALTESE CROSS MEASURING 8 INCHES HORIZONTALLY AND 8 INCHES VERTICALLY, OF A BRIGHT RED REFLECTIVE COLOR, DESIGNED IN ACCORDANCE WITH FIGURE 1.

DESIGNATIONS:
-STRUCTURES WITH LIGHT-FRAME TRUSS ROOFS & TRUSS FLOOR, SHALL BE MARKED WITH THE LETTER "RF"
-THE APPROVED SYMBOL SHALL BE PLACED WITHIN 24 INCHES TO THE LEFT OF THE MAIN ENTRY DOOR AND:
-BE PERMANENTLY ATTACHED TO THE FACE OF THE STURCTURE ON A CONTRASTING BACKGROUND, OR BE MOUNTED ON A CONTRASTING BASE MATERIAL WHICH IS THEN PERMANENTLY ATTACHED TO THE FACE OF THE STRUCTURE.
-THE DISTANCE ABOVE THE GRADE, WALKING SURFACE OR THE FINISHED FLOOR TO THE BOTTOM OF THE SYMBOL SHALL BE NOT LESS THAN 4 FEET (48 IN.)
-THE DISTANCE ABOVE THE GRADE, WALKING SURFACE OR THE FINISHED FLOOR TO THE TOP OF THE SYMBOL SHALL BE NOT MORE THAN 6 FEET (72 IN.)
-THE OWNER OF EACH NEW STRUCTURE REQUIRED TO COMPLY WITH THIS SECTION SHALL MARK THE STRUCTURE WITH THE APPROVED SYMBOL PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.
THE OWNER OF EACH EXISTING STRUCTURE REQUIRED TO COMPLY WITH THIS SECTION SHALL MARK THE STRUCTURE WITH THE SYMBOL WITHIN 90 DAYS OF THE EFFECTIVE DATE OF THIS RULE.

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STATE OF FLORIDA ROBERT S. LEWIS AR91402 1/19/2024 REGISTERED ARCHITECT

ROBERT S. LEWIS
AR91402/ AA #26003565
C: (772) 408-6963
E: robert@gdcflorida.com

REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-803

1ST FLR - LIFE SAFETY PLAN

CODE COMPLIANCE DATA	FFPC 2023 REQUIRED	PROVIDED
OCCUPANCY CLASSIFICATION	SECOND FLOOR S-1	SECOND FLOOR S-1
OCCUPANCY LOAD	*SEE G-001 PAGE*	11
REQUIRED EXITS	2	2
EXIT CAPACITY	11 X .02" = 0.22"	34"
MAIN ENTRY EGRESS	32"	34"
EGRESS CORRIDOR WIDTH	36"	60"
DOOR OPENING WIDTH	32"	34"
DEAD END	50' MAX	30'-0"
PATH OF TRAVEL	<250'	MAX TRAVEL DISTANCE 237'-9"
EMERGENCY ILLUMINATION	REQUIRED	PROVIDED
TENANT SEPARATION	N/A	NON-SEPARATED

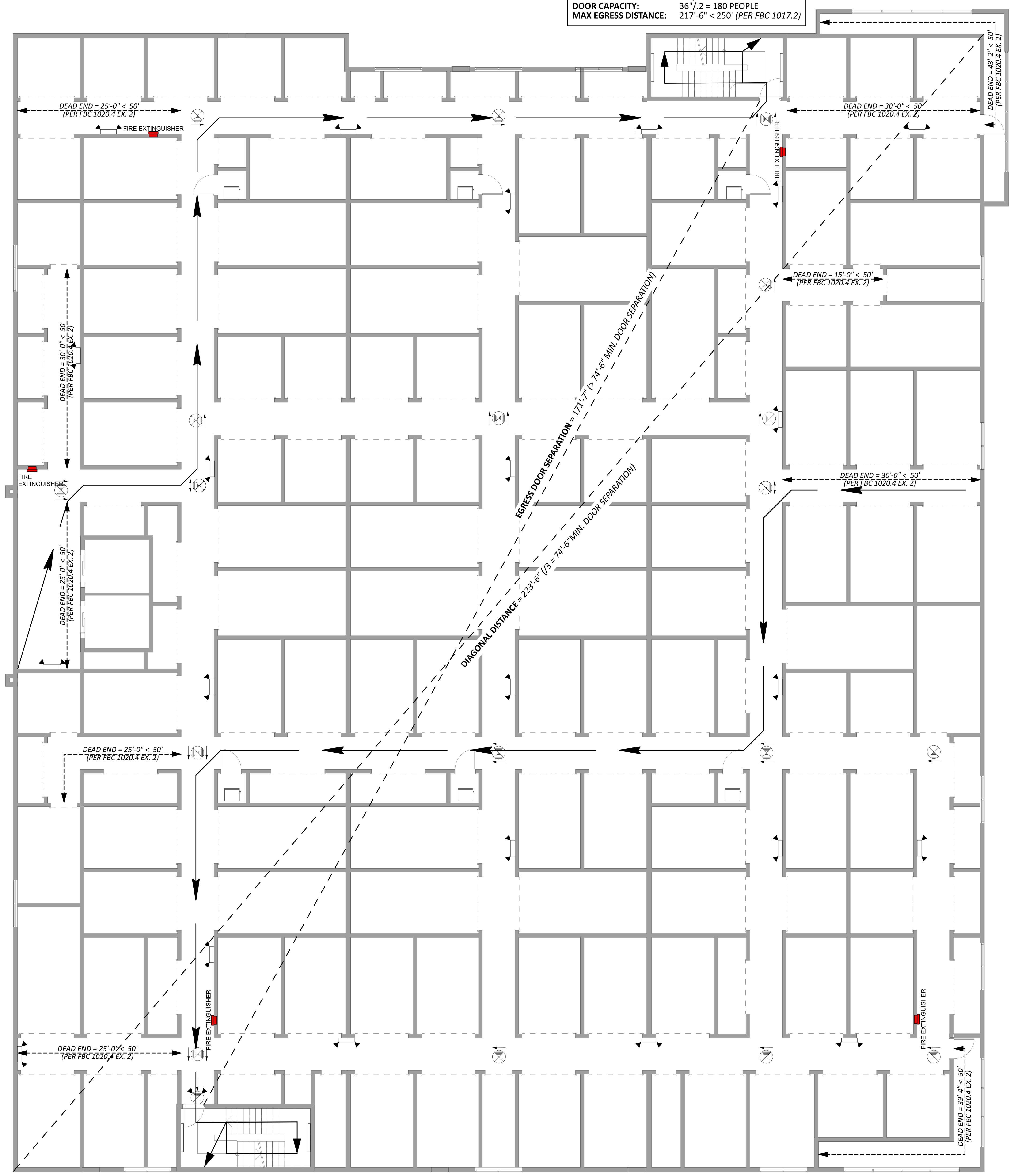
LIFE SAFETY LEGEND

ALL DIMENSIONS REFERENCED ARE FROM INTERIOR FINISH SURFACE OF COMPONENT/ASSEMBLY

SYMBOL	DESCRIPTION
	DIRECTION OF TRAVEL
	DIAGONAL DISTANCE
	DISTANCE BETWEEN EXISTS
	TRAVEL PATH
	INDICATES 1-HR FIRE RATED WALL
	INDICATES 2-HR FIRE RATED WALL
	FIRE EXTINGUISHER: TYPE 2A10 BC *(75'-0" MAX SPACING; CONTROL MOUNTING HEIGHT AT 42" OR LESS)*
	EMERGENCY BATTERY BACK-UP: ILB-CP12 W/ MOTION SENSOR DH2-S-50-UNVL-2-1-N-0
	EXTERIOR WHEATHER RATED EMERGENCY LIGHTING: WALL MOUNT W/ BATTERY BACKUP
	EMERGENCY LIGHTING: WALL MOUNT W/ BATTERY BACKUP
	LIGHTED EXIT SIGN & DUAL EXIT LIGHTING COMBO: SINGLE DIRECTION W/ BATTERY BACKUP
	LIGHTED EXIT SIGN: SINGLE SIDED, FROM SINGLE DIRECTION W/ BATTERY BACKUP
	LIGHTED EXIT SIGN: TWO SIDED, FROM TWO DIRECTIONS W/ BATTERY BACKUP

** NOT ALL SYMBOLS MAY APPLY TO THESE PLANS**

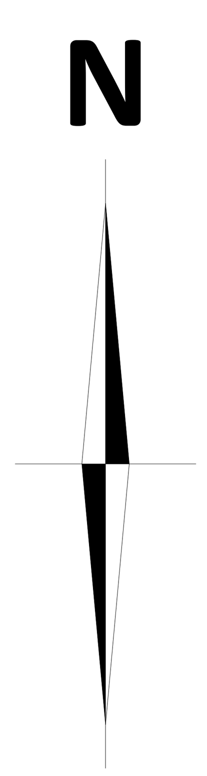
EGRESS STAIR CALCS
STAIR CAPACITY: 48"/.3 = 160 PEOPLE
DOOR CAPACITY: 36"/.2 = 180 PEOPLE
MAX EGRESS DISTANCE: 217'-6" < 250' *(PER FBC 1017.2)*



EGRESS STAIR CALCS
STAIR CAPACITY: 48"/.3 = 160 PEOPLE
DOOR CAPACITY: 36"/.2 = 180 PEOPLE
MAX EGRESS DISTANCE: 237'-9" < 250' *(PER FBC 1017.2)*

LIFE SAFEY PLAN

SCALE: 3/32" = 1'-0"



IMPORTANT NOTES

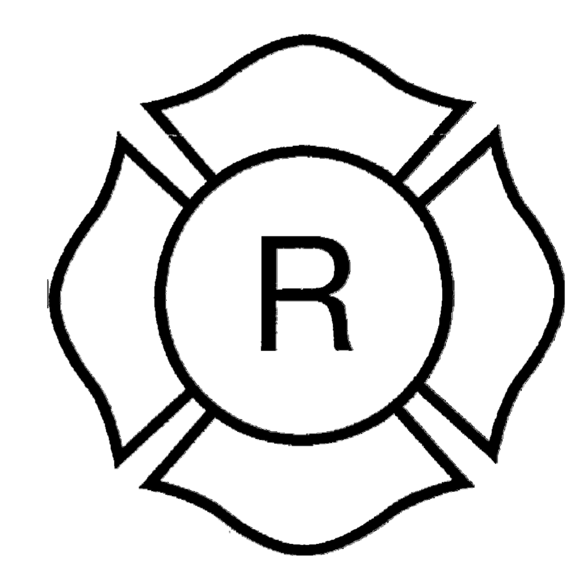
THIS PROJECT SHALL BE PROVIDED WITH SIGN FOR LIGH-FRAME ROOF AS PER FLORIDA STATUTE 633.027 & THE FLORIDA ADMINISTRATIVE CODE 69 A-60.0081 NOTICE REQUIRED FOR STRUCTURES WITH LIGHT FRAME TRUSS-TYPE CONSTRUCTION SEE ATTACHED.

633.027 BUILDINGS WITH LIGHT-FRAME TRUSS TYPE CONSTUCTION; NOTICE REQUIREMENTS; ENFORCEMENT.

"THE STATE FIRE MARSHAL, AND LOCAL FIRE OFFICALS IN ACCORDANCE WITH S. 633.121, SHALL ENFORCE THE PROVISIONS OF TIS SECTION. ANY OWNER WHO FAILS TO COMPLY WITH THE REQUIREMENTS OF THIS SECTION IS SUBJECT TO PENEALTIES AS PROVIDED IN S. 633.161. HISTORY. S. 5, CH. 2008-192"

"APPROVED SYMBOL" MEANS A MALTESE CROSS MEASURING 8 INCHES HORIZONTALLY AND 8 INCHES VERTICALLY, OF A BRIGHT RED REFLECTIVE COLOR, DESIGNED IN ACCORDANCE WITH FIGURE 1.

DESIGNATIONS:
-STRUCTURES WITH LIGHT-FRAME TRUSS ROOFS & TRUSS FLOOR, SHALL BE MARKED WITH THE LETTER "RF"
-THE APPROVED SYMBOL SHALL BE PLACED WITHIN 24 INCHES TO THE LEFT OF THE MAIN ENTRY DOOR AND:
-BE PERMANENTLY ATTACHED TO THE FACE OF THE STURCTURE ON A CONTRASTING BACKGROUND, OR BE MOUNTED ON A CONTRASTING BASE MATERIAL WHICH IS THEN PERMANENTLY ATTACHED TO THE FACE OF THE STRUCTURE.
-THE DISTANCE ABOVE THE GRADE, WALKING SURFACE OR THE FINISHED FLOOR TO THE BOTTOM OF THE SYMBOL SHALL BE NOT LESS THAN 4 FEET (48 IN.)
-THE DISTANCE ABOVE THE GRADE, WALKING SURFACE OR THE FINISHED FLOOR TO THE TOP OF THE SYMBOL SHALL BE NOT MORE THAN 6 FEET (72 IN.)
-THE OWNER OF EACH NEW STRUCTURE REQUIRED TO COMPLY WITH THIS SECTION SHALL MARK THE STRUCTURE WITH THE APPROVED SYMBOL PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.
THE OWNER OF EACH EXISTING STRUCTURE REQUIRED TO COMPLY WITH THIS SECTION SHALL MARK THE STRUCTURE WITH THE SYMBOL WITHIN 90 DAYS OF THE EFFECTIVE DATE OF THIS RULE.



2ND FLR - LIFE SAFETY PLAN

GDC ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

ROBERT S. LEWIS
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REVISION

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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-804

GDC | ARCHITECTS - ENGINEERS • OKEECHOBEE, FL 34972 • 1/12/2024 1:30 PM

CODE COMPLIANCE DATA	FFPC 2023 REQUIRED	PROVIDED
OCCUPANCY CLASSIFICATION	THIRD FLOOR S-1	THIRD FLOOR S-1
OCCUPANCY LOAD	*SEE G-001 PAGE*	13
REQUIRED EXITS	2	2
EXIT CAPACITY	13 X .02" = 0.26"	34"
MAIN ENTRY EGRESS	32"	34"
EGRESS CORRIDOR WIDTH	36"	60"
DOOR OPENING WIDTH	32"	34"
DEAD END	50' MAX	30'-0"
PATH OF TRAVEL	<250'	MAX TRAVEL DISTANCE 249'-8"
EMERGENCY ILLUMINATION	REQUIRED	PROVIDED
TENANT SEPARATION	N/A	NON-SEPARATED

LIFE SAFETY LEGEND

ALL DIMENSIONS REFERENCED ARE FROM INTERIOR FINISH SURFACE OF COMPONENT/ASSEMBLY

SYMBOL	DESCRIPTION
	DIRECTION OF TRAVEL
	DIAGONAL DISTANCE
	DISTANCE BETWEEN EXISTS
	TRAVEL PATH
	INDICATES 1-HR FIRE RATED WALL
	INDICATES 2-HR FIRE RATED WALL
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	EMERGENCY BATTERY BACK-UP: ILB-CP12 W/ MOTION SENSOR DH2-S-50-UNVL-2-1-N-0
	EXTERIOR WHEATHER RATED EMERGENCY LIGHTING: WALL MOUNT W/ BATTERY BACKUP
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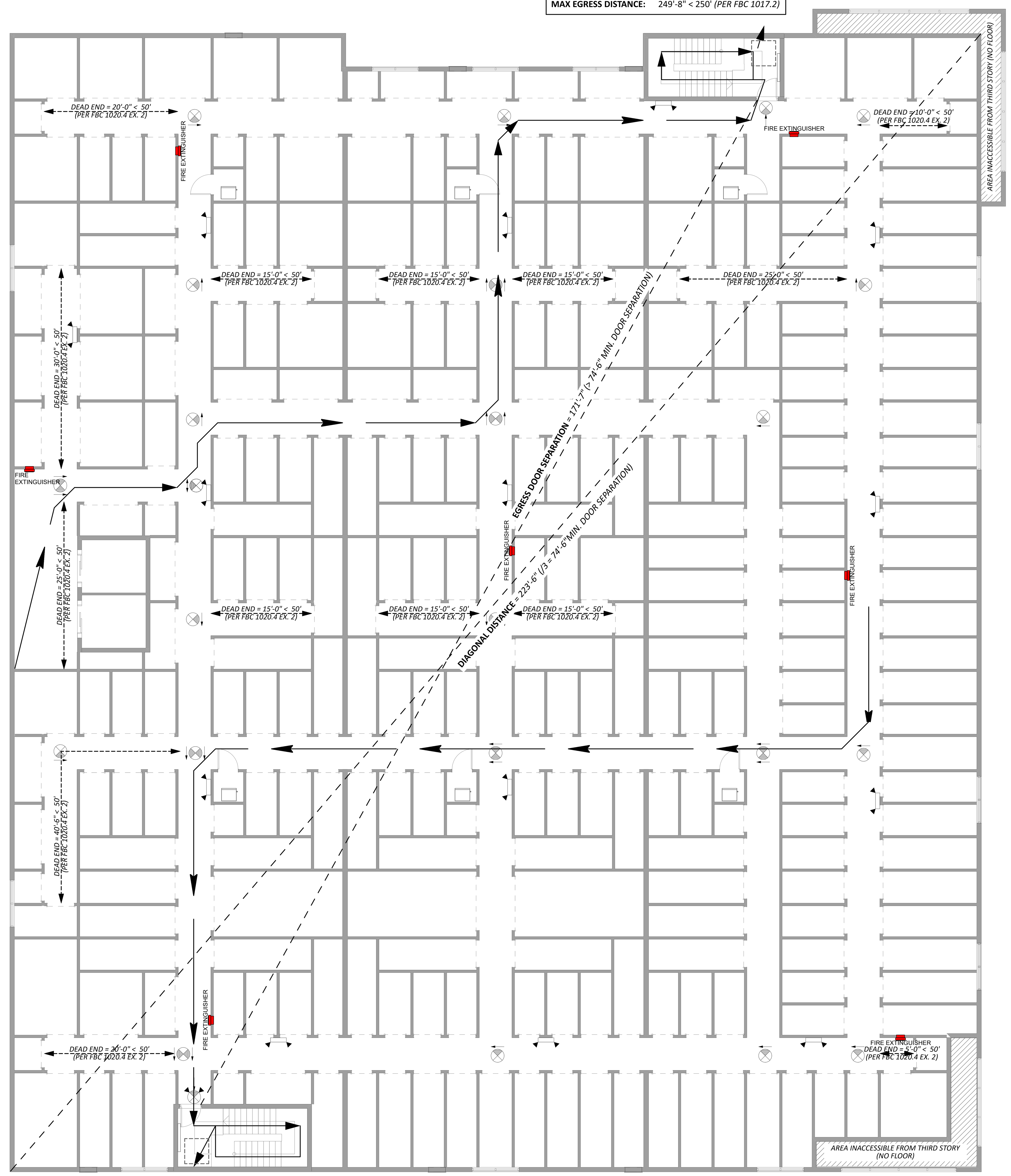
** NOT ALL SYMBOLS MAY APPLY TO THESE PLANS**

EGRESS STAIR CALCS

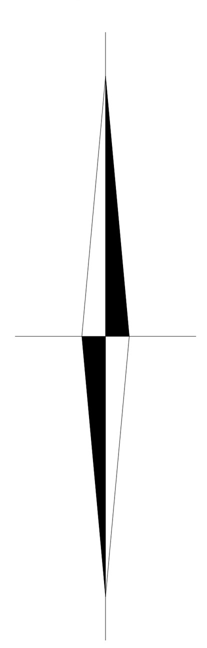
STAIR CAPACITY: 48"/.3 = 160 PEOPLE
DOOR CAPACITY: 36"/.2 = 180 PEOPLE
MAX COMMON PATH: 43'-3" < 100' *(PER FBC 1006.2.1)*
MAX EGRESS DISTANCE: 249'-8" < 250' *(PER FBC 1017.2)*



EGRESS STAIR CALCS

STAIR CAPACITY: 48"/.3 = 160 PEOPLE
DOOR CAPACITY: 36"/.2 = 180 PEOPLE
MAX COMMON PATH: 35'-7" < 100' *(PER FBC 1006.2.1)*
MAX EGRESS DISTANCE: 236'-8" < 250' *(PER FBC 1017.2)*

N



LIFE SAFETY PLAN

SCALE: 3/32" = 1'-0"

IMPORTANT NOTES

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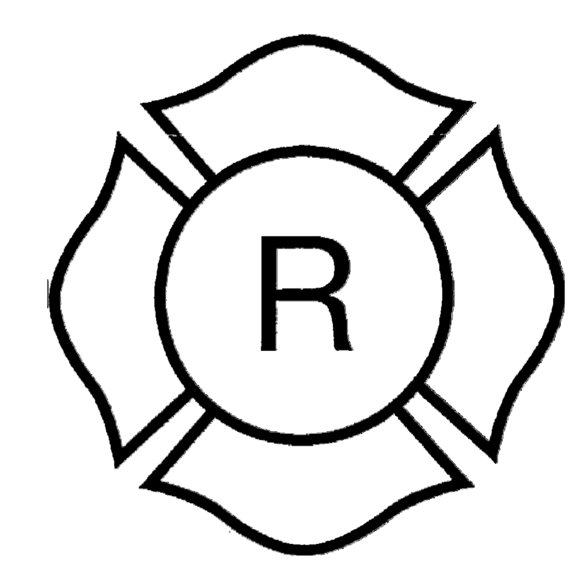

3RD FLR - LIFE SAFETY PLAN

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PROJECT CITY: VERO BEACH
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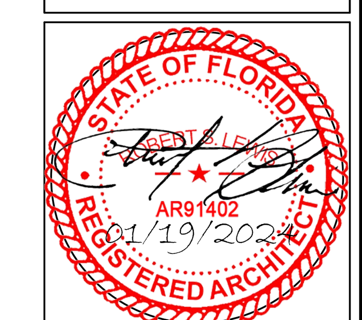
ISSUED FOR PERMIT



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J.E.T.

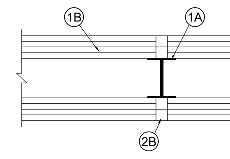
CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET
A-805

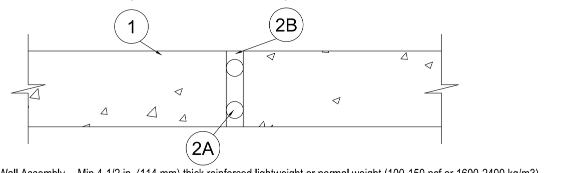
FIRE PENETRATION NOTES

System No. WW-S-0051
Assembly Rating - 1, 2, 3 and 4 Hr (See Items 2 and 3B)
Joint Width - 1 In. Max
L Rating At Ambient - Less Than 1 CFM/lin ft
L Rating At 400 °F - Less Than 1 CFM/lin ft



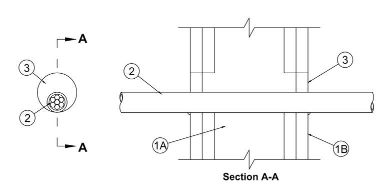
1 HOUR FIRE RATED
1 / A-8.3 N.T.S. System No. WW-S-0051

System No. WW-D-0004
Assembly Rating - 3 Hr
Nominal Joint Width - 1 In.
L Rating At Ambient - Less Than 1 CFM/Lin Ft
L Rating At 400°F - Less Than 1 CFM/Lin Ft
Class II Movement Capabilities - 12.5% Compression Or Extension



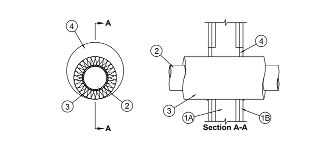
3 HOUR FIRE RATED
2 / A-8.3 N.T.S. System No. WW-D-0004

System No. W-L-3171
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1/4 and 3/4 Hr (See Item 2A)



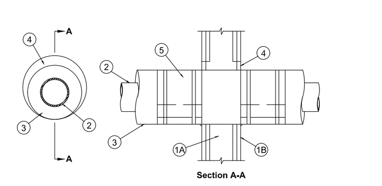
1 HOUR FIRE RATED
3 / A-8.3 N.T.S. System No. W-L-5123

System No. W-L-5121
F Ratings - 1 and 2 Hr (See Item 1)
T Rating - 1 Hr



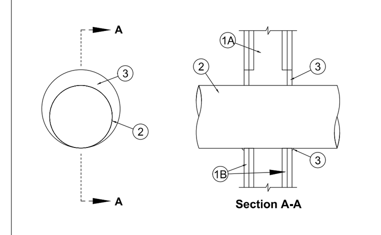
1 HOUR FIRE RATED
4 / A-8.3 N.T.S. System No. W-L-5123

System No. W-L-5123
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1 and 2 Hr (See Item 1)



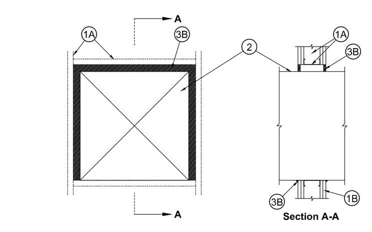
1 HOUR FIRE RATED
5 / A-8.3 N.T.S. System No. W-L-5123

System No. W-L-7061
F Ratings - 1 and 2 Hr (See Item 1)
T Rating - 3/4 Hr



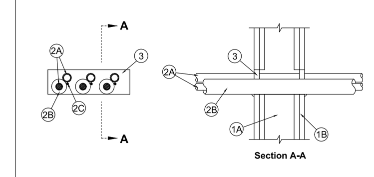
1 HOUR FIRE RATED
6 / A-8.3 N.T.S. System No. W-L-7061

SystemNo. W-L-7029
F Ratings - 1 and 2 Hr (See Item 1) T Rating - 1/4 Hr



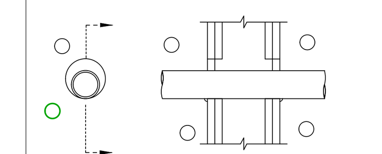
1 HOUR FIRE RATED
7 / A-8.3 N.T.S. System No. W-L-7029

System No. W-L-8027
F Ratings - 1 and 2 Hr (See Item 1)
T Rating - 1/4 Hr



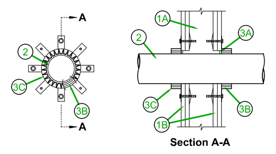
1 HOUR FIRE RATED
8 / A-8.3 N.T.S. System No. W-L-8027

System No. W-L-2241
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 0, 1/4, 1 and 1-3/4 Hr (See Item 2)
L Rating At Ambient - Less Than 1 CFM/sq ft
L Rating At 400 F - Less Than 1 CFM/sq ft



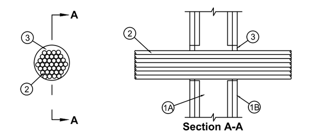
1 HOUR FIRE RATED
9 / A-8.3 N.T.S. System No. W-L-2241

System No. W-L-2243
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1, 1-1/2 and 2 Hr (See Item 1 and 3B)
L Rating At Ambient - 1 CFM/sq ft
L Rating At 400 F - Less Than 1 CFM/sq ft



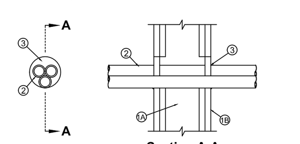
1 HOUR FIRE RATED
10 / A-8.3 N.T.S. System No. W-L-2243

System No. W-L-3169
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1/4 and 3/4 Hr (See Item 2A)



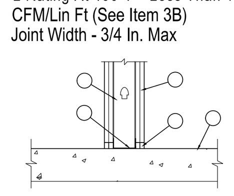
1 HOUR FIRE RATED
11 / A-8.3 N.T.S. System No. W-L-3169

System No. W-L-2242
F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1 and 1-3/4 Hr (See Item 2)
L Rating At Ambient - Less Than 1 CFM/sq ft
L Rating At 400 F - Less Than 1 CFM/sq ft



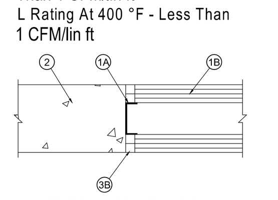
1 HOUR FIRE RATED
12 / A-8.3 N.T.S. System No. W-L-2242

System NoBW-S-0003
Assembly Ratings - 1 and 2 Hr (See Item 2)
L Rating At Ambient - Less Than 1 CFM/Lin Ft
L Rating At 400°F - Less Than 1 CFM/Lin Ft (See Item 3B)
Joint Width - 3/4 In. Max



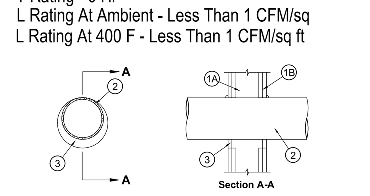
1 HOUR FIRE RATED
13 / A-8.3 N.T.S. System No. BW-S-0003

System No. WW-S-0052
Assembly Rating - 1, 2, 3 and 4 Hr (See Items 2 and 3B)
Joint Width - 1 In. Max
L Rating At Ambient - Less Than 1 CFM/lin ft
L Rating At 400 °F - Less Than 1 CFM/lin ft



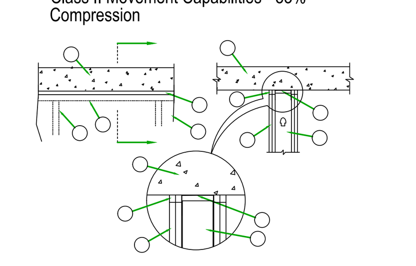
1 HOUR FIRE RATED
14 / A-8.3 N.T.S. System No. WW-S-0052

System No. W-L-1049
F Ratings - 1 and 2 Hr (See Item 1B)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/sq ft
L Rating At 400 F - Less Than 1 CFM/sq ft



1 HOUR FIRE RATED
15 / A-8.3 N.T.S. System No. W-L-1049

System No. HW-D-0242
Assembly Ratings - 1 and 2 Hr (See Item 2)
Joint Width - 3/4 In. Max
Class II Movement Capabilities - 33% Compression



1 HOUR FIRE RATED
16 / A-8.3 N.T.S. System No. HW-D-0242

GDC ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
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PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT ROBERT S. LEWIS AR91402 01/19/2024

ROBERT S. LEWIS
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REVISION

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DRAWN BY J.E.T.
CHECKED BY S.M.K.
DATE 1/12/2024
SHEET A-901

SROA-2-PERSON IRD

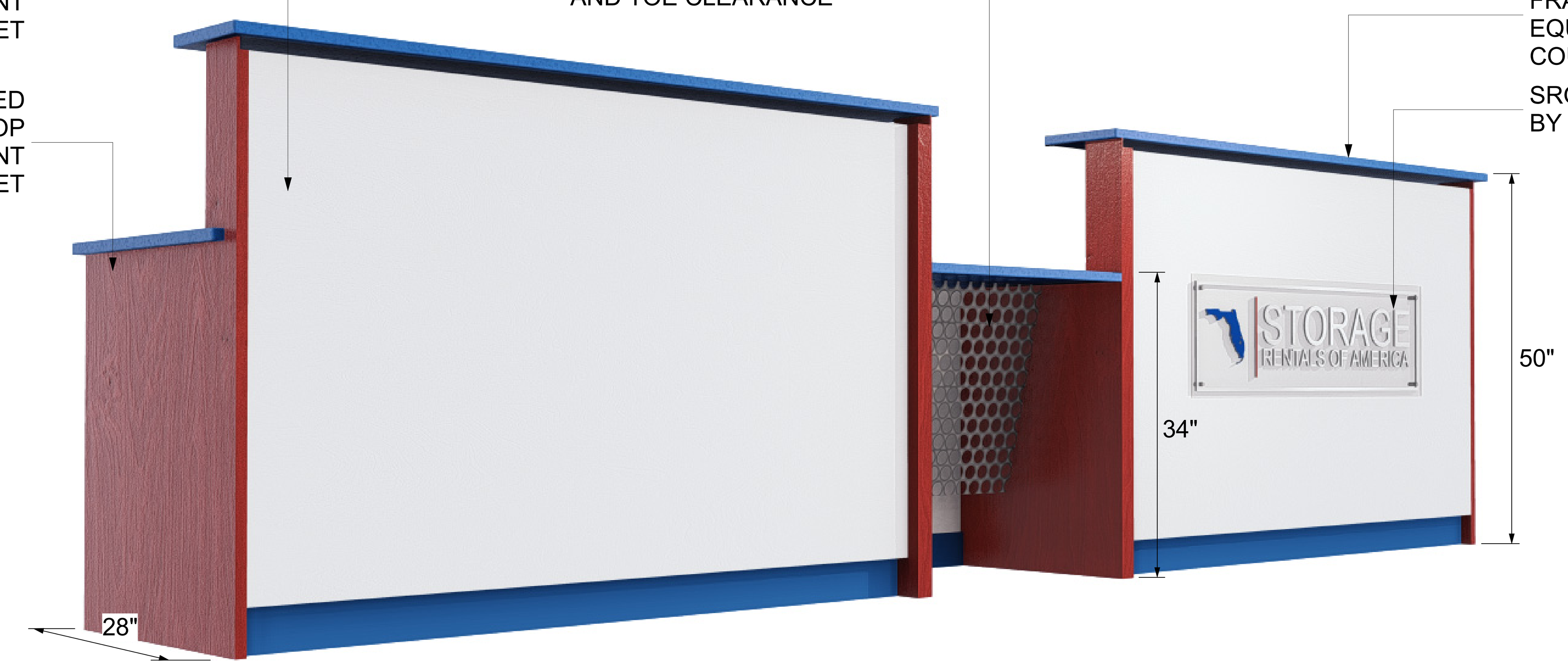
PREFABICATED MILWORK IN BRITE WHITE OR EQUIVALENT LAMINATE SHEET

PREFABICATED MILWORK IN RED STOP OR EQUIVALENT LAMINATE SHEET

PERFORATED METAL DESIGN MUST COMPLY WITH F.B.C. ACCESSIBLITY CODE 306 KNEE AND TOE CLEARANCE

LAMINATE SHEET IN FRANK BLUE OR EQUIVALENT COUNTERTOP

SROA CUSTOM SIGNAGE BY STATE



2-PERSON IRD FRONT PERSPECTIVE (BUILT-IN ADA COUNTERTOP)

PREFABICATED MILWORK IN BRITE WHITE OR EQUIVALENT LAMINATE SHEET

PREFABICATED MILWORK IN RED STOP OR EQUIVALENT LAMINATE SHEET

CASH DRAWER

DESIGNATED AREA FOR COMPUTER TOWER

BUILT-IN L.E.D. BULBS FOR LIGHTING

LAMINATE SHEET IN FRANK BLUE OR EQUIVALENT COUNTERTOP

SLIDE OUT DESK FOR KEYBOARD AND MOUSE

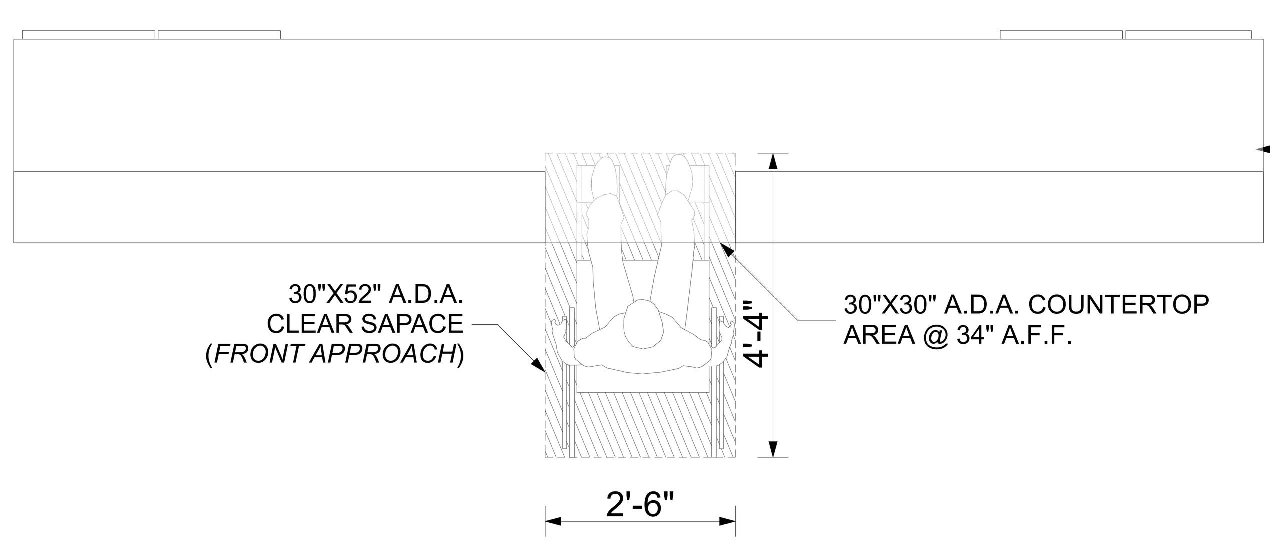
PREFABICATED CUSTOM CABINETS IN BRITE WHITE OR EQUIVALENT LAMINATE SHEET

2-PERSON IRD (REAR PERSPECTIVE)

2-PERSON ISLAND RECEPTION DESK PROVIDED BY BUILDER

30"X52" A.D.A. CLEAR SAPACE (*FRONT APPROACH*)

30"X30" A.D.A. COUNTERTOP AREA @ 34" A.F.F.



1 FFE-501 **2-PERSON IRD (ADA CLEAR SPACE)**

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

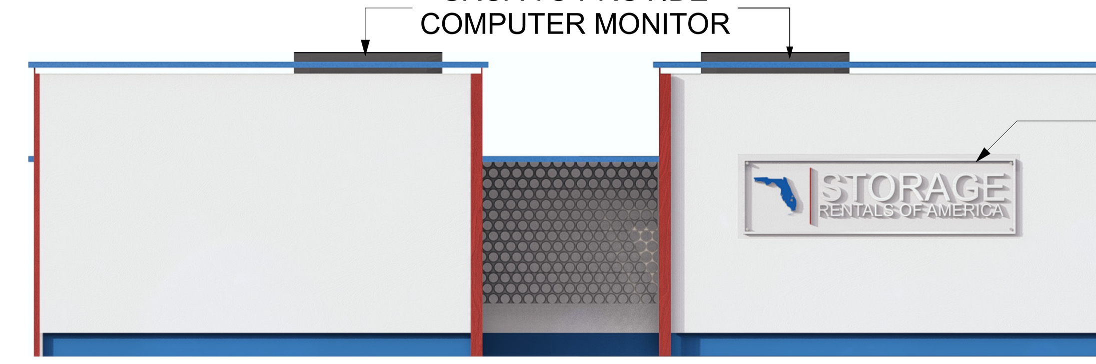
FIXTURE LEGEND

2-PERSON IRD

(VARIES FINISHES)

SROA TO PROVIDE COMPUTER MONITOR

SROA CUSTOM SIGNAGE INSTALLED BY CONTRACTOR



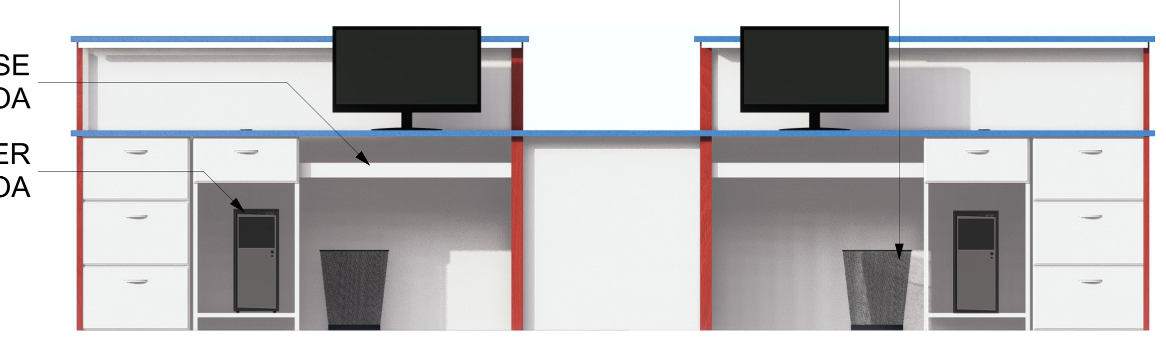
FRONT CUSTOM DESK

SCALE: N.T.S.

TRASH CAN PROVIDED BY SROA

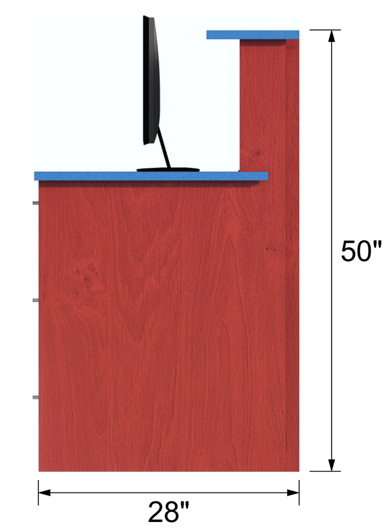
KEYBOARD AND MOUSE PROVIDED BY SROA

COMPUTER TOWER PROVIDED BY SROA



REAR CUSTOM DESK

SCALE: N.T.S.



LEFT CUSTOM DESK

SCALE: N.T.S.

RIGHT CUSTOM DESK

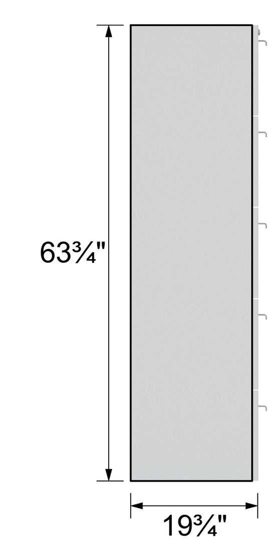
SCALE: N.T.S.

LATERAL FILE CABINET

(STEEL-WHITE FINISH)

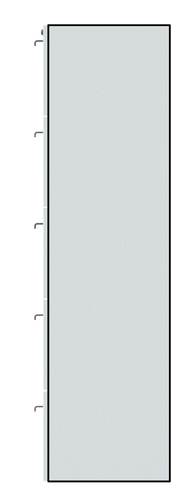
LFC-01 (PERSPECTIVE)

SCALE: N.T.S.



LEFT LFC-01

SCALE: N.T.S.



RIGHT LFC-01

SCALE: N.T.S.

FRONT LFC-01

SCALE: N.T.S.

GRILLE PANEL MERCHANDISE WALL

(VARIES FINISHES)

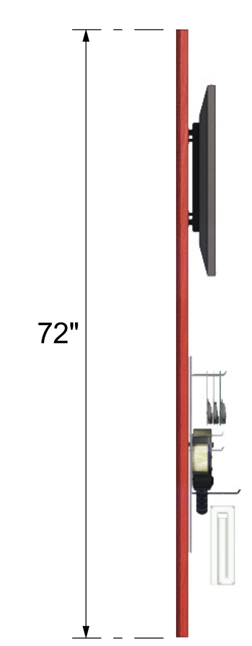
43" TV MONITOR FOR MARKETING

(SEE PANEL MFR. SPECIFICATIONS)

SROA SPECIFIC GRID AND MERCHANDISE

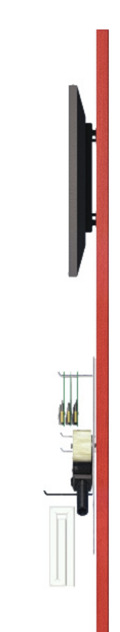
FRONT MWP-01

SCALE: N.T.S.



LEFT MWP-01

SCALE: N.T.S.



RIGHT MWP-01

SCALE: N.T.S.

FURNITURE AND FIXTURE DETAILS 1

GDC
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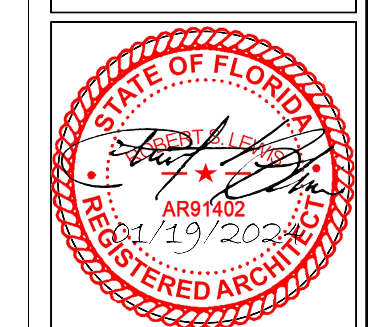
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010003.0

ISSUED FOR PERMIT



ROBERT S. LEWIS
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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

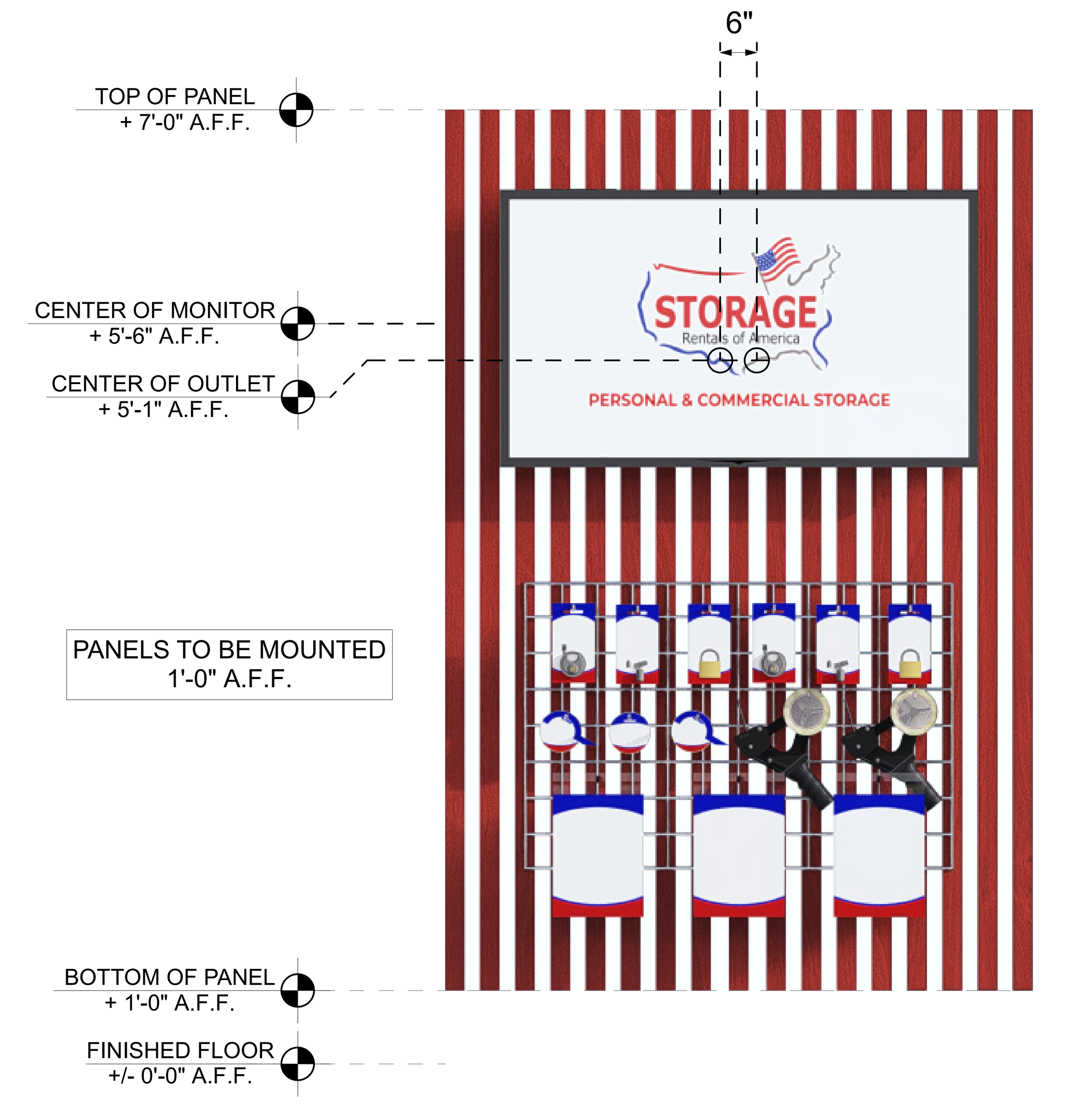
DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

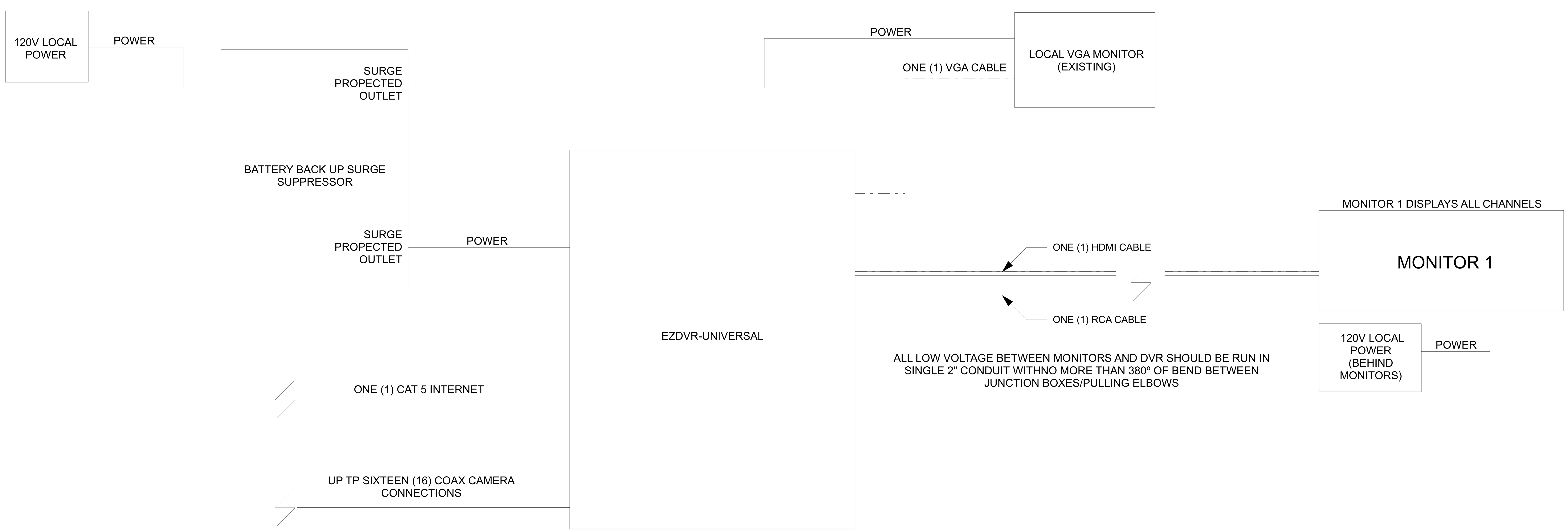
SHEET
FFE-501

TYPICAL DATA/OUTLET AND MONITOR PLACEMENT



A
FFE-502
TYPICAL 48" PANEL CONFIGURATION
SCALE: N.T.S.

LOW VOLTAGE DIAGRAM



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PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100076000100003.0

ISSUED FOR PERMIT

LIABILITY NOTE

STATE OF FLORIDA REGISTERED ARCHITECT AR91402 1/19/2024

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REVISION

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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

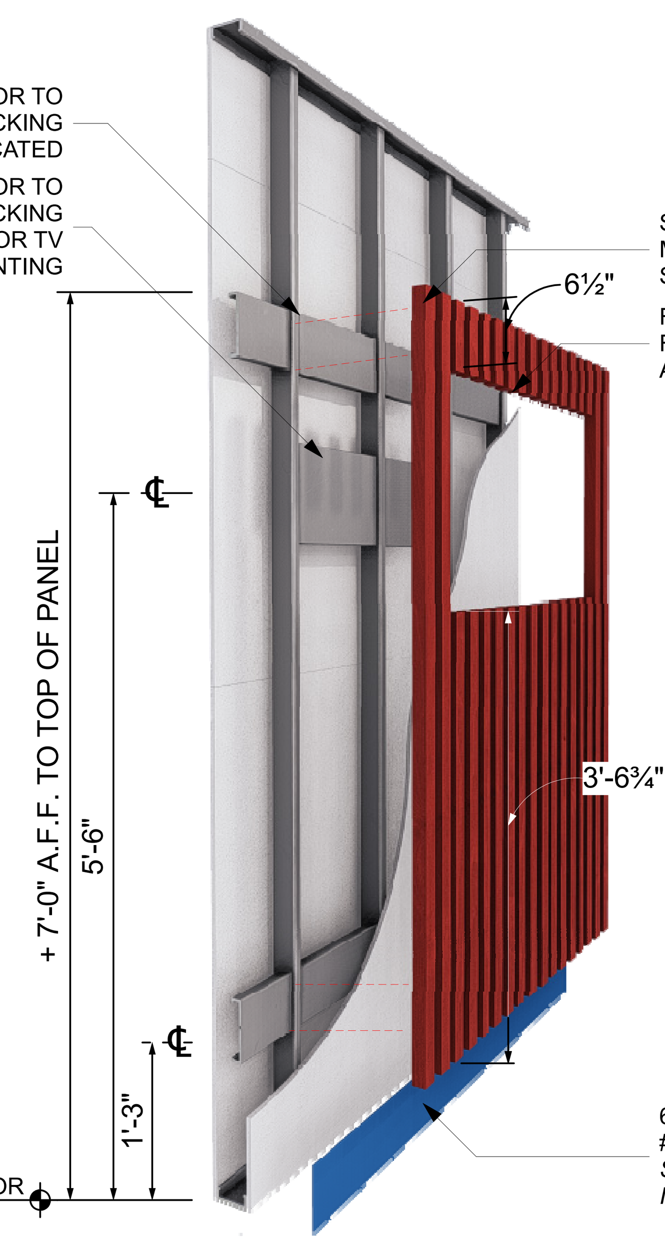
DATE
1/12/2024

SHEET

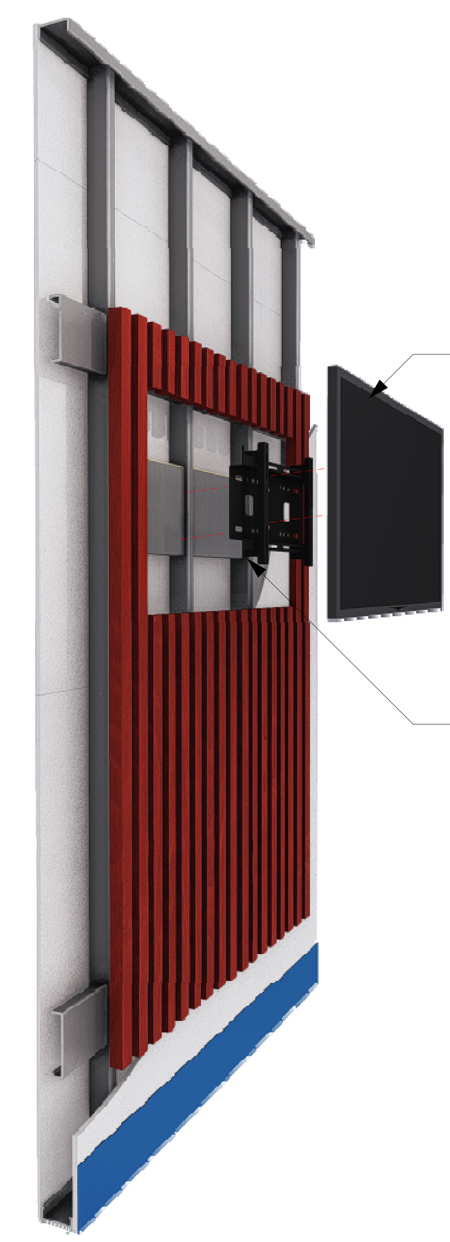
FURNITURE AND FIXTURE DETAILS 2

FFE-502

TYPICAL WALL AND WALL PANEL DETAILS

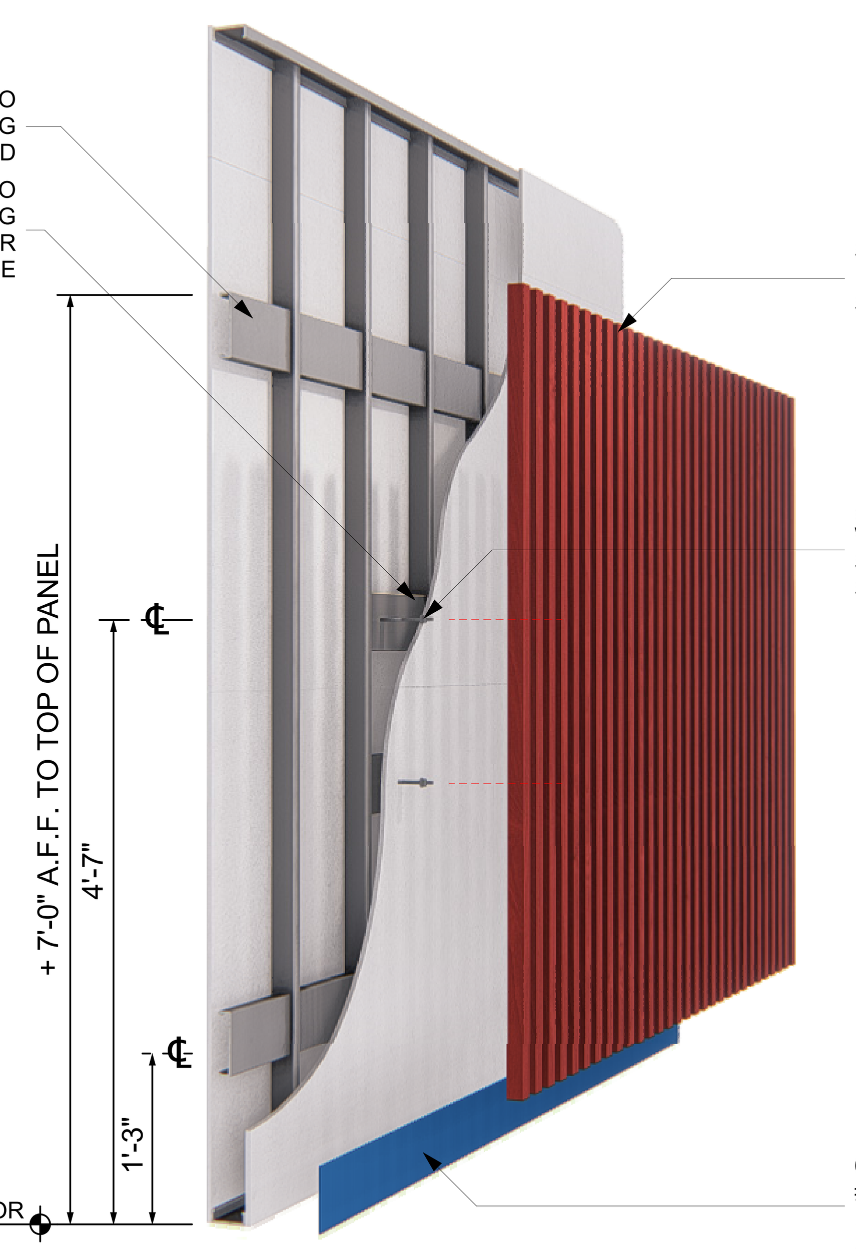


1A FFE-503 48" TV AND MERCHADISE PANEL: WALL AND PANEL CONSTRUCTION
SCALE: N.T.S.

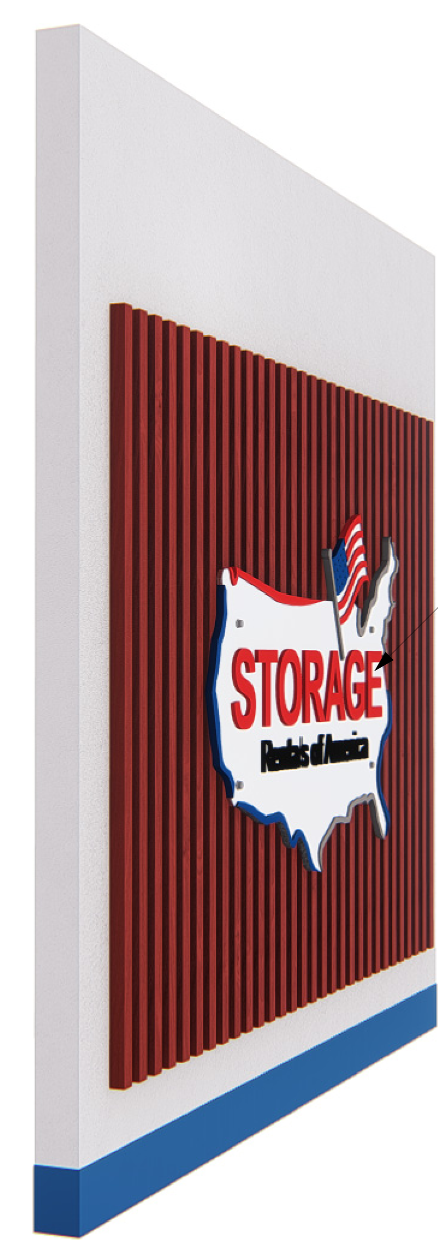


1B FFE-503 TV WALL MOUNTING:
SCALE: N.T.S.

1C FFE-503 TV AND PANEL COMPLETION:
SCALE: N.T.S.



2A FFE-503 8' ACCENT PANEL CONSTRUCTION:
SCALE: N.T.S.



2B FFE-503 8' ACCENT PANEL COMPLETION:
SCALE: N.T.S.

NOTE:
THIS BUILDING IS TYPE II CONSTRUCTION AND ALL FRAMING IS REQUIRED TO BE FIRE RETARDANT TREATED. METAL STUD FRAMING IS PREFERED.

FURNITURE AND FIXTURE DETAILS 3

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ISSUED FOR PERMIT

STATE OF FLORIDA REGISTERED ARCHITECT ROBERT S. LEWIS AR91402 1/19/2024

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REVISION

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY	J.E.T.
CHECKED BY	S.M.K.
DATE	1/12/2024
SHEET	FFE-503

The following items must be performed or provided at no cost to Otis Elevator Company ("OTIS") by the Owner or General Contractor or their agents in accordance with governing codes. The price and installation schedule of Otis is based on these jobsite conditions existing at the beginning and during installation of the elevator equipment. Failure to provide the items specified in this list will result in additional work performed by Otis beyond the scope of our contract causing installation delays. A change order will be submitted by Otis for materials and / or labor expended. All work to be performed per the latest revision of the applicable national code and / or local code.

General Prep / Work

1. Provide any cutouts to accommodate elevator equipment (troughing, venting, and hall fixtures) along with patching and painting of walls, floors, or partitions together with finish painting of entrance doors and frames, if required.

2. Provide tractor trailer access to the building for unloading of material and an onsite storage area for elevator equipment as follows: dry and enclosed, provides roll-able access to the elevator hoistway at the ground level, located within 100 feet (30.5 meters) of the hoistway, and is larger than 25 x 20 feet (7620 mm X 6096 mm) per elevator. Any warranties provided by Otis for elevator equipment are null and void if equipment is stored in a manner other than a dry enclosed building structure.

3. Provide sufficient onsite refuse containers for the proper disposal of elevator packaging material. Should sufficient refuse containers not be provided, disposal of packaging material shall become the responsibility of the owner.

Hoistway and Pit Prep / Work

4. Prior to the start of installation, provide a dry, properly framed, enclosed and vented hoistway in accordance with all applicable codes.

5. Provide a clear plumb hoistway with variations from the size shown on the Otis layout not to exceed -0 inch / +1 inch (25 mm).

6. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements.

   Provide a rough opening for and install a 3' X 7' standard fire rated interior door on one side of the hoistway, as shown on the Otis layout. The machine Space access door must not be on an outside wall. When determining the location of the machine space door, the dimension on the Otis layout is from the inside door edge of the jamb and not the door stop edge. Please be advised that this door location is very critical. Follow door manufacturing instructions for the different types of hoistway wall material and make the appropriate adjustments so that this door will be placed in the proper location.

   The door frame must be securely mounted to the wall to sustain a cantilevered / horizontal force exerted by the electrical disconnect(s), electrical conduit, and wiring up to an approximate 325 lb. load. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements. The door hand and opening is dependent on configuration, see the general contractor guide or talk to your Otis representative.

7. Furnish adequate rail bracket supports and bracket spacing as required by governing code from pit floor to top of hoistway. For steel or wood frame construction, adequate backing for a rail bracket to be installed not less than 10'-3" (3124 mm) or more than 11'-3" (3429 mm) from the top landing. Furnish separator beams where required. Rail bracket attachment supports must be exposed and flush with the clear hoistway line.

   If the floor to floor height exceeds the maximum bracket spacing allowed by the elevator code, Otis requires some form of steel support to properly attach our guide rail brackets. The maximum allowed bracket spacing is indicated in the rail force and bracket detail table on the Otis layout. Any rail bracket mounting surfaces that are not in line with the finished hoistway dimension (i.e. the clear hoistway line) may need to be extended to meet the required distance. Otis agrees to provide guidance on this matter at the appropriate time.

   If rail bracket embedded plates or inserts are provided by Otis, they shall be installed by others in accordance with Otis' documentation and instruction.

   If vertical tube steel is utilized as rail support, see the Otis layout for any specific requirements.

   When a Machine space is used, with a second floor controller / tank location, furnish adequate Tank Stand supports flush with the hoistway wall when the following hoistway construction material is used; cmu block, steel frame, or wood.

   The support can be any of the following; header beams, steel tube, inserts, or embedded plates at locations specified as per Otis layout.

   Note: When a support is provided, it should be able to withstand the force shown on Otis contract layout for seismic and non seismic condition.

   Concrete hoistways walls do not require supports for Tank stand

8. Furnish a dry pit reinforced to sustain vertical forces on car rails and impact loads on cylinder head(s) and buffer(s). The pit must be dry and clean. The elevator pit must have a floor drain or sump pump to prevent the accumulation of water. Location to be coordinated with Otis to avoid all elevator components and access areas. In areas requiring Firefighter's Emergency Operation, a sump pump / drain shall be provided that shall have the capacity to remove a minimum of 11.4 m^3 / h (3,000 gal / h) per elevator (2.2.2.5, ASME A17.1-2007 / CSA B44-07). Otis recommends that the owner verify the system complies with all applicable laws and local codes.

9. Provide and install a fixed vertical iron ladder in each pit as required by governing code and located per Otis layouts, or as coordinated with Otis personnel. Ladder width and pit wall pocket requirements are shown in the pit plan view on the Otis layout. For entrance heights of up to 7' (2134mm) the top rung of the ladder must be even with the bottom landing. For entrance heights greater than 7' (2134mm) the top rung must be 12" (305mm) above the bottom landing. Hand grips must be provided to a height of 4' (1219mm) above the bottom landing. Hand grips must have 4-1/2" (114mm) radial clearance, from their centerline, to any obstruction in the hoistway. (Refer to the detail views for typical ladder arrangement) If pit depth is greater than 9'-10" (3000 mm) [13'-9" (4191 mm) with no floor below bottom landing], a pit access door is required.

10. A.) Protection from Falls:

    As required by the Occupational Safety and Health Administration (OSHA) 1926.502 (B) (1-3), a freestanding removable barricade at each hoistway opening at each floor. Barricades shall be 42" (1067 mm) high, with mid-rail and kick board, and withstand 200 lbs. (90.7 kg) of vertical and horizontal pressure.

    B.) Protection from Falling Objects:

    As required by the Occupational Safety and Health Administration (OSHA) 1926.502(j), hoistway protection from falling debris and other trades materials by either:

    1.) Full entrance screening / mesh in front of all elevator entrances.

    2.) Secured / controlled access to all elevator lobbies (lock and key) with posted Notice "Only Elevator Personnel Beyond This Protection."

    Notes:
    - Items A.) and B.) can be integrated systems.
    - Hoistway barricades and screening shall be constructed, maintained, and removed by others.

11. TOP and BOTTOM landings (and the MAIN landing where applicable), are not to be constructed until after all elevator equipment is installed in the hoistway. The entire front wall must be open for installation with the following rough opening dimensions (to be shown on layouts):

    -Rough Opening Width = CLEAR HOISTWAY WIDTH
    -Rough Opening Height = 2642mm (8'-8") for a 2134mm (7') entrance height
    2947mm (9'-8") for a 2438mm (8') entrance height

    Remaining front entrance walls are not to be constructed until after door frames and sills are in place.

    The rough openings, per sizes shown on the Otis layout, are required. Prior to the completion and turnover of the elevator(s), all entrance walls must be installed and rough openings filled in complete to maintain fire rated hoistway requirements.

12. Provide adequate support at all fastening points of each entrance. Provide plumb vertical surfaces for entrances and sill supports, one above the other, and square with the hoistway. For 4'-0" (1219 mm) and 4'-6" (1372 mm) two speed door arrangements, an additional hoistway attachment point is required for an auxiliary support bracket under the sill assembly in the center of the clear door opening. Finish floor and grout, if required, between door frames to sill line. A horizontal support is to be provided 1 foot (305 mm) above the clear opening at the top landing to support the door frame assembly. If floor heights exceed 12'-0" (3658 mm), a horizontal support is to be provided 1 foot (305 mm) above the clear opening. If transoms are required, the support would be 1 foot (305 mm) above the transom height.

13. Provide and install a steel safety beam per elevator, from side wall to side wall at the top of the hoistway, capable of withstanding a maximum live net load of 5000 lb. (2268 kg). Otis requires 2" (51 mm) clear above the beam. Total clear overhead must cover entire width and depth of the hoistway. An area consisting of the width of the hoistway by 16" depth on each side of the hoist beam must be left clear to the top of the hoistway.

14. Glass used in hoistway construction must block 98% or more of incident full spectrum ultraviolet radiation for the full height of the hoistway.

15. If an emergency door in a blind hoistway is required, provide an outward swinging single section type door with door closer and a self closing barrier per ASME A17.1-2007, section 2.11.1.2. Contact your local Otis personnel for a detailed drawing (AAA26900D_FMI), showing Otis specific requirements.

Machine Room / Machine Space Prep / Work

16. When a machine room is used, provide a suitable dry machine room with access and ventilation in accordance with all applicable codes and regulations. The machine room is to be maintained at a temperature between 60°F (15.5°C) and 100°F (38°C). When a machine space is used, the machine space will be in the hoistway behind the metal door installed per Hoistway and Pit Prep / Work above with ventilation in accordance with all applicable codes and regulations. The machine space is to be maintained at a temperature between 32°F (0°C) and 104°F (40°C). Relative humidity not to exceed 95% non-condensing. Local codes may require tighter temperature ranges. The temperature and humidity range shall be permanently posted in the machine room / machine space. Please check with your local code authority for the exact requirements in your area.

17. Machine room and Machine space doors to meet code compliant fire resistive construction. When a machine room is used, provide a self closing (local building code dependent) and self locking door with a group 2 locking device. When a machine space is used, provide a standard 3' x 7' self closing (local building code dependent) and self locking metal door with a group 2 locking device in the hoistway per Otis layout. In addition, ensure that all air gaps around the machine room / machine space door are sealed (i.e. threshold, weather stripping, etc.). Self closing mechanism cannot protrude into the machine space at any time. The machine space door knob shall have a blank plate on the hoistway side of the door.

18. When a machine space is used, Otis will provide a metal shroud and metal shroud cover to be mounted on the hoistway side of the machine space door frame per Otis layout. The metal shroud will accommodate the mounting of the main electrical feeder system, fused disconnect switch or circuit breaker for car lighting, and the convenience outlet. Conduit knockouts through the metal shroud cover will be required as needed to access the disconnect switches or circuit breakers, and convenience outlet. See Electrical Requirements.

    [Note: Consult with the Otis Representative at your location concerning the metal shroud mentioned above for machine space applications.]

19. [Refers to elevators with remote machine rooms requiring buried piping and wire way] Provide trenching and backfilling as necessary to accommodate remote machine room conditions.

HydroFit® **4500 #**
100 F.P.M.

CAR TYPE = HOSPITAL **MACHINE LOCATION = MRL**
SEISMIC = ZONE4 **GLASS BACK CAR = N**

OTIS

REVISION DATE: 1/12/2020	SHEET 1 OF 3
DWG. NO.: HYD 4510-MRL	
BUILDING	
LOCATION	
CONT. WITH	
OWNER	
ARCHT.	
CONTRACT NO.	

GDC
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NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
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PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010000 3.0

ISSUED FOR PERMIT

REVISION

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
REGISTERED ARCHITECT
01/19/2024

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DRAWN BY
J.E.T.

CHECKED BY
S.M.K.

DATE
1/12/2024

EXPRESS DRAW:

FURNITURE AND FIXTURE DETAILS 4

SHEET
FFE-504

Fire Prevention Prep / Work

20. Provide hoistway walls designed and constructed in accordance with the required fire rating (including those places where elevator fixture boxes and rail bracket fastenings penetrate into the hoistway walls).

21. In the United States, provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated by Otis.

    a. For each group of elevators, provide a normally closed contact representing the smoke detector at the designated return landing.

    b. For each group of elevators, provide a normally closed contact representing all smoke detectors located in lobbies, hoistways, or machine rooms / machine space, but not the smoke detector at the designated return landing (see above) or the smoke detectors as described in i. and ii. below:

        i. If a smoke detector is located in the hoistway at or below the lower of the two recall landings, it shall be wired to activate the same normally closed contact as the smoke detector located in the lobby at the lower of the two recall landings.

        ii. If machine rooms / machine space is located at the designated return landing, the smoke detectors located therein shall be wired to activate the same normally closed contact as the smoke detector at the designated landing.

    c. Requirements for intermittently illuminating the fire hat visual signal in the car operating panel, either i. or ii. apply.

        i. For a single unit or for a group of elevators having one common machine room / machine space and one common hoistway, provide one additional normally closed contact representing the machine room / machine space and hoistway smoke detectors.

        ii. If the group contains more than one hoistway and hoistway smoke detectors are installed, or if the group has more than one machine room / machine space, provide one normally closed contact for each elevator. The contact is to represent the smoke detector in the machine room / machine space for that particular elevator, and any smoke detectors in the hoistway containing that particular elevator.

22. In Canada, provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated return landing.

    a. For each group of elevators, provide a normally closed contact representing the smoke detector at the designated return landing and, if provided, from the sensing device in the pit.

    b. For each group of elevators, provide a normally closed contact representing all smoke detectors located in elevator lobbies, but not the smoke detector at the designated return landing (see above) and, if provided, from the sensing device in the top of the hoistway.

    c. For each group of elevators, provide a normally closed contact representing the smoke detector in the elevator machine room / machine space(s).

    d. If the machine room / machine space is located at the designated return landing, the smoke detectors located therein shall be wired to activate the same normally closed contact as the smoke detector at the designated landings. When a machine room is used, for each group of elevators, provide in addition to the above, a normally closed contact representing the sensing devices in the machine room and, if provided, in the pit or at the top of the hoistway (for the Fire Hat in the Elevator).

23. In the United States, if sprinklers are installed in the hoistway or machine room / machine space(s), a means to automatically disconnect the mainline power supply to the affected elevator and any other power supplies used to move the elevator, upon or prior to the application of water is required (unless prohibited by local code). Smoke detectors shall not be used to activate sprinklers in hoistways or machine rooms / machine spaces or to disconnect the mainline power supply.

24. Provide a Class "ABC" fire extinguisher, minimum 10 lbs., in the machine room or in a location convenient to the machine space.

Electrical Requirements

25. All 125 volt, 15 or 20 ampere single phase receptacles installed in pits, machinery spaces, and elevator car tops shall be of ground fault circuit interrupter (GCFI) type. All 125 volt, 15 or 20 ampere single phase receptacles installed in machine rooms / machine spaces shall have GFCI protection. A dedicated single phase receptacle supplying a permanently installed pit sump pump shall not require GFCI protection. (NEC 620-85 or CEC Rule 38-085).

26. Furnish a dedicated, balanced, 3 phase, 3 wire electrical feeder system with a separate solidly grounded equipment grounding conductor terminating in the machine room / machine space. Size of the feeders and grounding conductor to suit elevator power characteristics. Feeder conductors and grounding conductor must be copper. A fused disconnect switch or circuit breaker capable of being locked in the open position for each elevator per the National Electrical Code (ANSI/NFPA 70) or Canadian Electrical Code (C22.1) with feeder or branch wiring to the controller (NEC 620-51, 620-61(D), and 620-62 or CEC Rule 38-013(2)(a)) must be provided. Fuses are to be current limiting class RK1 or equivalent. Circuit breakers are to have current limiting characteristics equivalent to class RK1 fuses. Fuses or circuit breakers are to be time delay to cover the full load up accelerating current as listed in the Otis Confirmation of Power Supply form.

    [Note: If the 3 phase power to the control system is simulated (not from the utility), by use of a phase converter system, the phase converter must have all three phases balanced. Digital phase converter is required.]

    Furnish a separate 120 volt, 15 ampere single phase branch circuit and SPST fused disconnect switch or circuit breaker capable of being locked in the open position to supply the car lights, receptacles, auxiliary lighting power source, and ventilation on each car in compliance with the National Electrical Code must be provided.

    When a machine room is used and where practical, disconnects shall be located adjacent to the door of the machine room enclosure. When a machine space is used, disconnects or circuit breakers shall be located behind the door of the machine space per Otis layout.

    Branch circuit wiring to each controller (NEC 620-53 or CEC Rule 38-053) must be provided.

    For machine room applications, a convenience outlet and a suitable light, of not less than 200 Lux (19FC) as measured at floor level must be provided in the machine room with a light switch located within 18" (456 mm) of lock jamb side of machine room door.

    For machine space applications a convenience outlet located inside the machine space door and a suitable light located outside the machine space door on the lock jamb side, of not less than 200 Lux (19FC) as measured at floor level must be provided per Otis layout. The machine space light circuit shall be a dedicated circuit separate from other lighting circuits. (NEC 620-23 or CEC Rule 38-023)

    A convenience outlet and light fixture of not less than 100 Lux (10FC) as measured at the pit floor level must be in the pit with a light switch located adjacent to the pit access door (NEC 620-24 or CEC Rule 38-024). The light bulb(s) shall be externally guarded to prevent contact and accidental breakage.

    [Note: Consult with the Otis Construction Superintendent at your location concerning the following paragraph.]

    To meet the date upon which the elevators are to be turned over, the permanent 3 phase feeder system and protective devices must be installed and power available prior to the start of elevator installation.

27. Provide 120 volt, 20 ampere power for light, tools, hoist, etc. to the hoistway during installation. Source must be within 75 feet (22.86 M) of the hoistway.

28. Provide one (1) dedicated outside telephone line per elevator car to the elevator machine room / machine space(s), and terminated at the controller designated by the Otis construction superintendent. Reference the A17.1/CSA-B44 code and the Otis Confirmation of Power Supply for specific requirements.

29. [Optional for Elevators with an intra building Intercom] Provide a separate 120 volt, 15 ampere, single phase power supply with fused SPST disconnect switch or circuit breaker located as required for intercommunicating system power supply. Circuit to be arranged for feeding from the building emergency lighting supply if provided. Conduit and wiring for remotely located intercommunicating stations must be provided.

30. [Optional for Elevators with a Battery Powered Emergency Return Unit (ERU)] Provide the disconnecting means required by the National Electrical Code (NEC) or Canadian Electrical Code (CEC) with an auxiliary contact and wiring to the controller. The auxiliary contact is to be positively open when the main disconnecting means is open. The auxiliary contact shall cause the ERU power source to be disconnected from its load when the disconnecting means is in the open position. Size of main contacts to suit elevator power characteristics.

    [Additional ERU Requirement]
    In the United States, heat sensors used to automatically disconnect the mainline power supply prior to the application of water from sprinklers shall be provided with a normally closed contact with wiring from the sensing device to a controller designated by Otis. The normally closed contact shall be closed when the heat sensor is not activated and shall be open when the heat sensor is activated.

31. [Optional for Installations with Emergency (Standby) Power] Provide the emergency (standby) power unit and means for starting it, and deliver to the elevator via disconnect switches in the machine room / machine space, sufficient power to operate one or more elevators at a time at full rated speed and rated load.

    An automatic Power Transfer Switch is required for each power feeder to monitor both Normal and Emergency (Standby) Power conditions and to perform the transfer from one to the other. Switch to have two sets of normally closed dry contacts, one to be open when the switch is in the Emergency (Standby) Power position, the other to open upon initiation of power transfer and to close when transfer is complete. Switch to have an inhibit function which will delay transfer to Normal and / or Emergency (Standby) Power by an adjustable period of 0 - 300 seconds. Switch shall have a Phase Monitor feature, which prohibits the transfer of power between "live" sources unless the sources are in phase with each other. If a Shunt Trip device is provided, an additional Normally Closed contact is required from the Emergency (Standby) Power source.

    Emergency (standby) power system shall be connected to the 125 volt power circuit as noted in A.3 of the Confirmation of Power Supply for the branch circuit supplying the car lights, car top receptacle, auxiliary car lighting power source and car ventilation.

You agree to indemnify and save Otis harmless against any and all liability and costs arising out of your failure to carry out any of the foregoing requirements.

HydroFit® 4500 #
100 F.P.M.
CAR TYPE = HOSPITAL | MACHINE LOCATION = MRL
SEISMIC = ZONE4 | GLASS BACK CAR = N

OTIS

REVISION DATE: 1/12/2020 | SHEET 2 OF 3
DWG. NO.: HYD 4510-MRL
BUILDING
LOCATION
CONT. WITH
OWNER
ARCHT.
CONTRACT NO.

GDC
ARCHITECTS
ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY

STORAGE RENTALS OF AMERICA

PROJECT ADDRESS: 1801 U.S. HIGHWAY ONE & 857 18TH PL
PROJECT CITY: VERO BEACH
PROJECT STATE: FL
PROJECT ZIP CODE: 32960
PARCEL ID: 33390100007600010003.0

ISSUED FOR PERMIT

REVISION

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
REGISTERED ARCHITECT
01/19/2024

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.

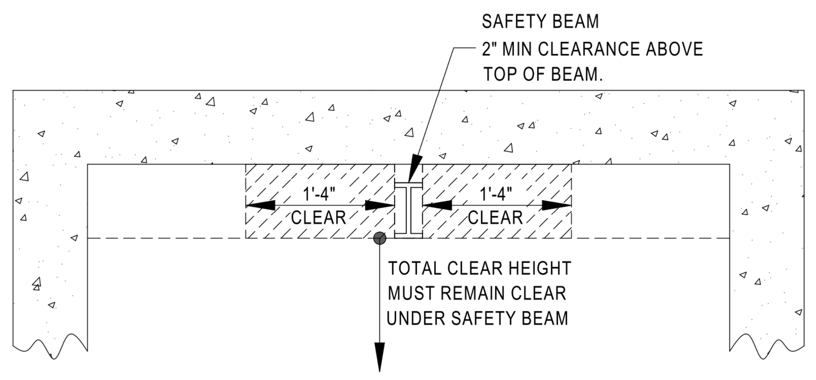
CHECKED BY
S.M.K.

DATE
1/12/2024

SHEET

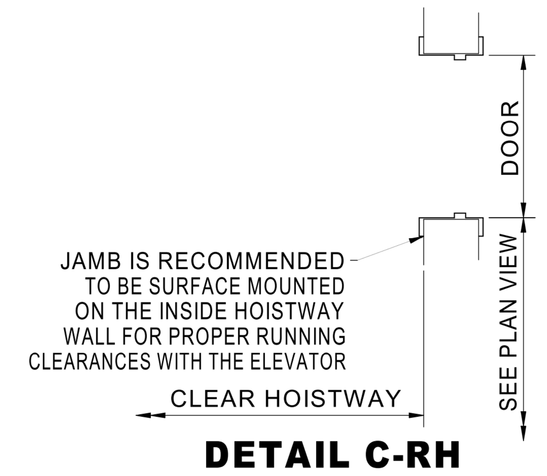
EXPRESS DRAW:
FURNITURE AND FIXTURE DETAILS 5

FFE-505

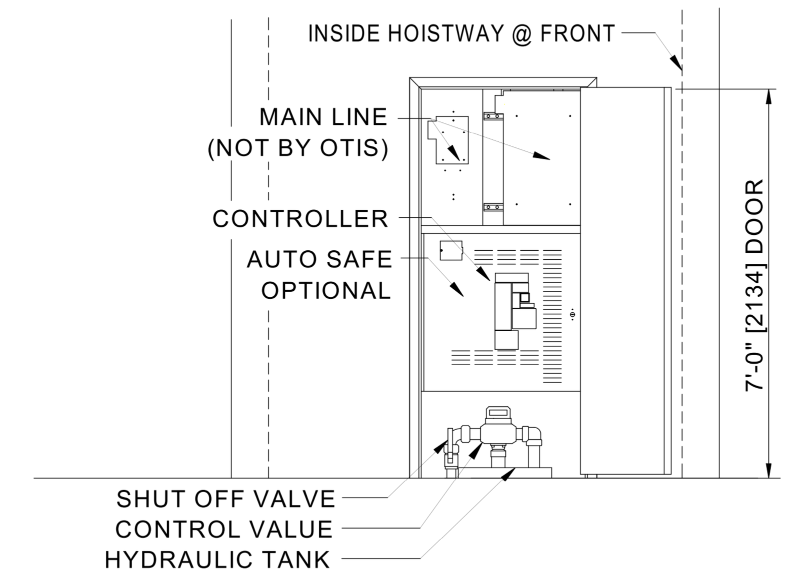


OVERHEAD BEAM CLEARANCE

SEE NOTE 13 ON PWBO SHEET

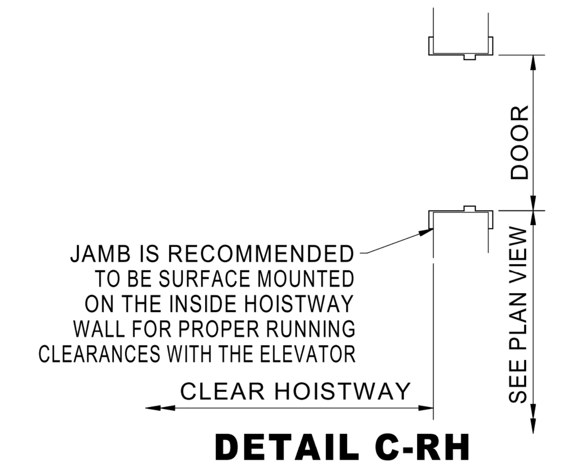


DETAIL C-RH
1ST LANDING

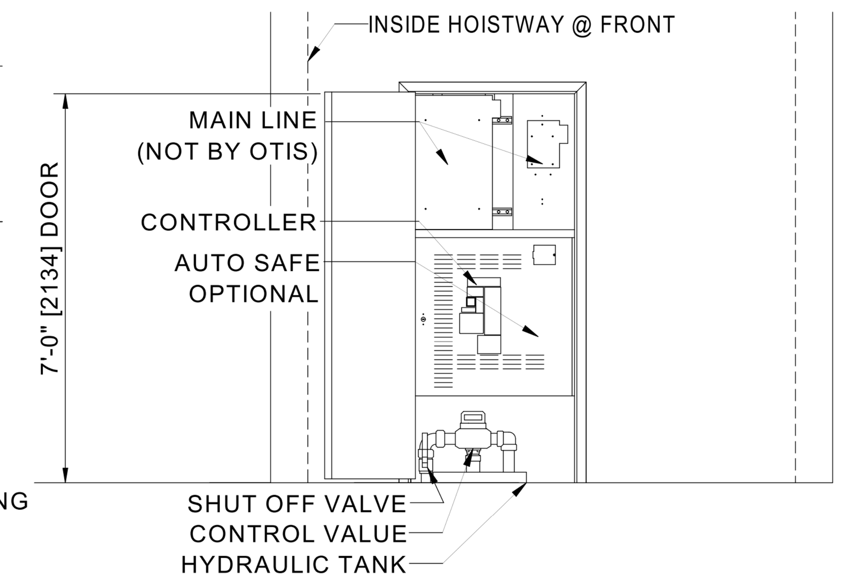


CONTROLLER / MAIN LINE / TANK IN PIT @ BOTTOM LANDING REQUIREMENTS

NOTE 18A
DOOR MUST BE LOCATED ON AN INTERIOR WALL OF THE BUILDING, IT CANNOT BE OPENED TO THE OUTSIDE OF A BUILDING.
NOTE 18B
CONTACT OTIS REPRESENTATIVE FOR MRL ACCESS DOOR LOCATION GUIDELINE DRAWINGS.



DETAIL C-RH
1ST LANDING



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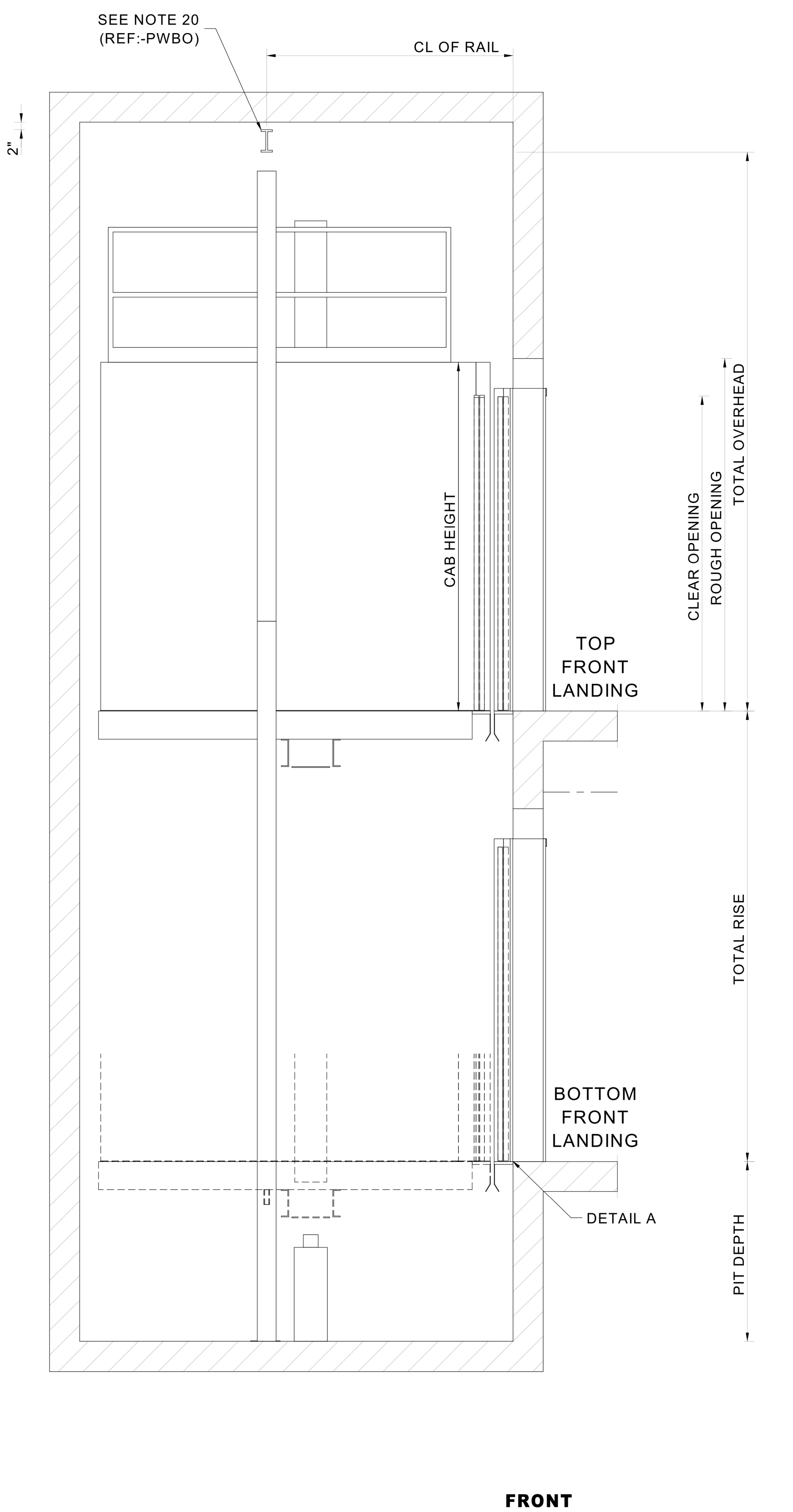
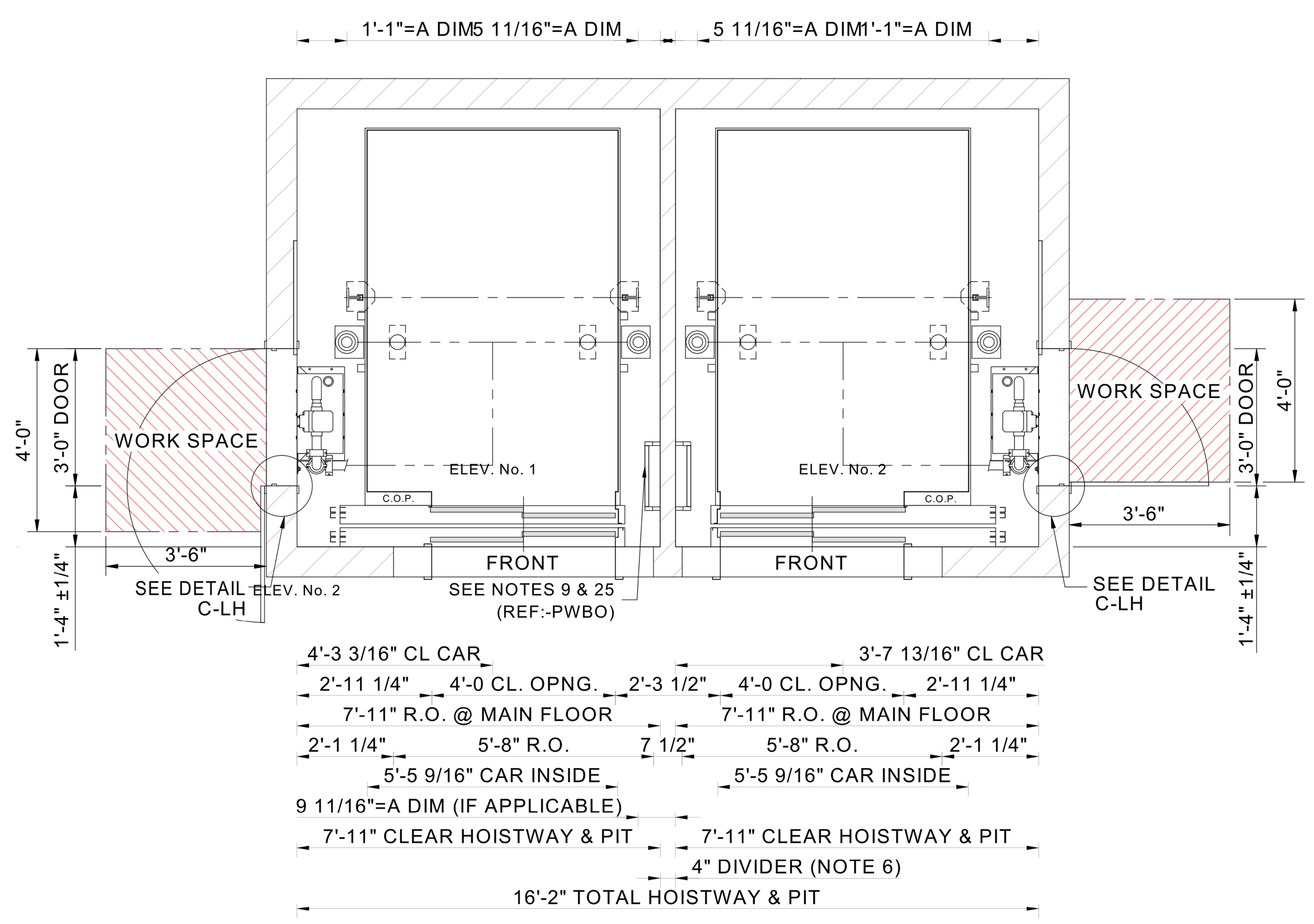
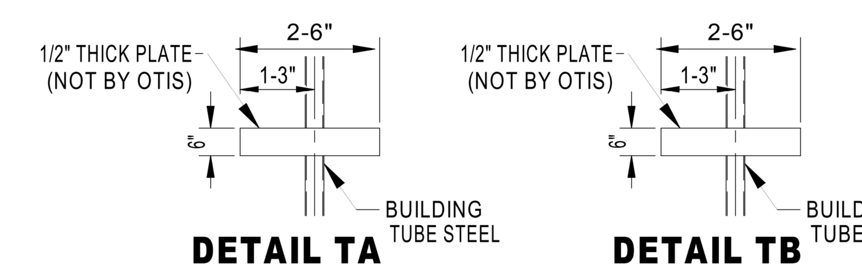


HOISTWAY SECTION

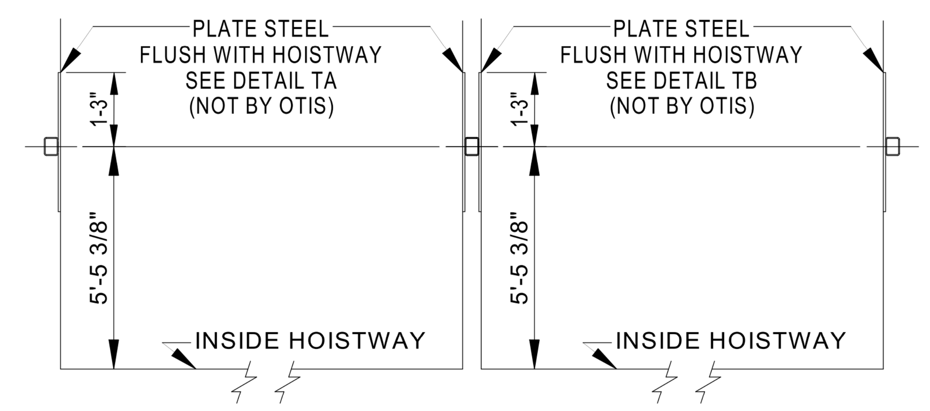
FOR MAX. SPACING BETWEEN INSERTS SEE RAIL FORCE DETAIL



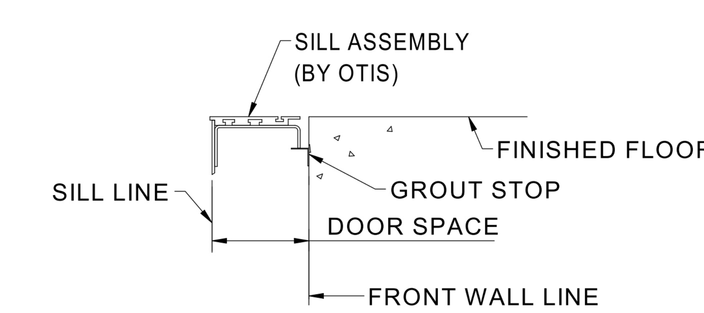
PLAN VIEW



DETAIL TA **DETAIL TB**



TUBE STEEL RAIL BRACKET SUPPORT **TUBE STEEL RAIL BRACKET SUPPORT**

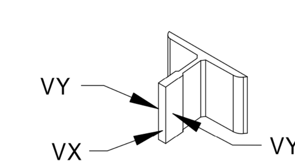


DETAIL "A" SILL SUPPORT

ADEQUATE SUPPORT AT ALL FASTENING POINTS OF ENTRANCE ASSEMBLY REQUIRED. MUST WITHSTAND A HORIZONTAL PULL-OUT FORCE OF 140 LBS. @ EA. FASTENING POINT (8 @ EA. ENTRANCE) INCLUDING SUPPORT FOR CENTER SILL SUPPORT BRACKET (NOT BY OTIS).

	1 STAGE		2 STAGE	
	CAB HEIGHT		CAB HEIGHT	
	7'-9"	9'-9"	7'-9"	9'-9"
MAX. "TOTAL RISE" WITH 4'-0" PIT	13'-5"		24'-9"	
MAX. "TOTAL RISE" WITH 5'-0" PIT	14'-5"		26'-9"	
MAX. "TOTAL RISE" WITH 6'-0" PIT	15'-5"		28'-9"	
MIN. "TOTAL OVERHEAD"	12'-5"	14'-5"	12'-8"	14'-8"
MAX. "TOTAL OVERHEAD"	2'-0" GREATER THAN THE MINIMUM OVERHEAD			

STANDARD WORKING RANGES



RAIL FORCE DETAIL
*THIS FORCE INCLUDES IMPACT
SEE NOTES 8 & 9

CAR	VX	3145 lbs
	VY	1573 lbs
*EACH BUFFER IMPACT LOAD		14141
*EACH CYLINDER IMPACT LOAD		11000
CAR MAXIMUM BRACKET SPACING		14'-0"

HydroFit® **4500 # 100 F.P.M.**

CAR TYPE = HOSPITAL MACHINE LOCATION = MRL
SEISMIC = ZONE4 GLASS BACK CAR = N

OTIS

REVISION DATE: 1/12/2020 SHEET 3 OF 3
DWG. NO.: HYD 4510-MRL
BUILDING
LOCATION
CONT. WITH
OWNER
ARCHT.
CONTRACT NO.

GDC ARCHITECTS ENGINEERS
COA#30250, AA#26003565
502 NW 2ND STREET, OKEECHOBEE, FLORIDA 34972
P: (863) 467-1111
F: (772) 872-5121
WWW.GDCFLORIDA.COM

NEW THREE-STORY STORAGE FACILTY
STORAGE RENTALS OF AMERICA

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ISSUED FOR PERMIT

LIABILITY NOTE

REVISION

STATE OF FLORIDA
ROBERT S. LEWIS
AR91402
01/19/2024
REGISTERED ARCHITECT

WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL TAKE PRECEDENCE OVER ALL SCALED DIMENSIONS.

DRAWN BY
J.E.T.
CHECKED BY
S.M.K.
DATE
1/12/2024
SHEET

EXPRESS DRAW:

FURNITURE AND FIXTURE DETAILS 6

FFE-506