STORE SPACE

STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

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STORE SPACE

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22-110

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No.	Description	Date	By

DATE: 3-17-2023

DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

SCALE: 1/16"= 1'-0"

DRAWING LIST

G1.0

ABBREVIATIONS

A.B. - Anchor Bolt
ABV. - Above
A.C. - Asphalt Concrete
A/C - Air Conditioning
A.D. - Access Door
ADD. - Additional
ADJ. - Adjust
A.F.F. - Above Finished Floor
A.F.G. - Above Finished Grade
A.G. - Above Ground
A.H.U. - Air Handling Unit
ALT. - Alternative
ALU. - Aluminum
ANCH. - Anchor
APP'O. - Approved
APPROX. - Approximative
APT. - Apartment
ARCH. - Architect
ASPH. - Asphalt
ASSY, - Assembly
ATT. - Attached
AUX. - Auxiliary
AVG. - Average

B.D. - Board
B.L. - Building Line
BLDG. - Building
BLK. - Block
BM. - Beam
B.O. - Bottom of
B.O.C. - Bottom of Concrete
B.O.S. - Bottom of Steel
B.O.W. - Bottom of Wall
BRG. - Bearing
BRK. - Brick
BRKT. - Bracket
B.S. - Boundary Stone
BSMNT. - Basement
BTW. - Between
B.U. - Built up
B.W. - Boundary Wall

CABT. - Cabinet
C.B. - Catch Basin
C/C - Center to Center
C.D. - Construction Document
CEH. - Cement
C.F. - Cubic foot
CH. - Channel
CHANG. - Changing
C.1. - Cast Iron
C.J. - Construction Joint
C.L. - Center Line
CLG. - Ceiling
CNTRL. - Central
C.O. - Clean Out
COL. - Column
COMPO - Composition
CONDO - Condition
CONN. - Connection
CONSTR. - Construction
CONT. - Continuation
CONTR. - Contractor
CONC. - Concrete
CORR. - Corrigated
C/P - Car Port
C.S. - Carbon Steel
CSK. - Countersink
CSMNT. - Casement
C.T. - Ceramic Tile
C.W. - Cold Water

D. - Door
DBL. - Double
DET. - Detail
D.F. - Drinking Fountain
DEMO. - Demolition
DIA. - Diameter
DIM. - Dimension
DISCH - Discharge
ON. - Down
DR. - Drain
D.S. - Down Spout
D.W. - Dry wall, plaster board
D&W - Door and Window
DIW - Dishwasher
DWG - Drawing

E. - East
EA. - Each
E.F. - Exhaust Fan
E.J. - Expansion Joint
EL. - Elevation
ELECT. - Electric, Electrical
EMERG. - Emergency
ENTR. - Entrance
E.P. - Electrical Post
ETL - Etcetera
Ea. - Equal
EQUIP, - Equipment
EST. - Estimate
E.W. - Each Way
EXH. - Exhaust
EXIST. - Existing
EXP, - Expansion
EXT. - Exterior

F. - Female
F.A. - Fire Alarm
FAB. - Fabrication
F.C.O. - Floor Clean out
F.D. - Floor Drain
FDN. - Foundation
F.E. - Fire Extinguisher
F.E.C. - Fire Extinguisher Cabinet
F.F. - Finished Floor
FIF - Face to Face
F.H.C. - Fire hose Cabinet
FIN. - Finish
FITT. - Fitting, Fitted
FLO. - Field
FLR - Floor
F.O.C - Face of Concrete
F.O.W. - Face of Wall
FLUOR. - Fluorescent
F.P. - Fire Proof, Fire proofing
FRM. - Frame
F.S. - Far Side
FT - Feet
FURN. - Furnace
F.W. - Fire Water
FWD. - Forward

GA. - Gauge
GALV. - Galvanized
GAR. - Garage
G.C. - General Contractor
GEN. - General
GL. - Glass
G.M. - Grade Mark
GOVT. - Government
GR. - Grille
GRE. - Glass fiber Reinf. Epoxy
G.T. - Glazed Tile
GYP. - Gypsum

H. - Hose
H.C. - Hose Connection
HCP. - Handicapped Accessible
HDBD. - Hardboard
HOW. - Hardware
HGT. - Height
HOR. - Horizontal
H.P. - High Point
H.RAIL - Hand railing
H.R. - Hose Reel
HTR - Heater
H.W. - Hot Water
H.W.B. - Hand Wash Basin
H.WD. - Hard Wood
HYD. - Fire Hydrant
HVAC - Heating, Venting & Air Condit.

I.D. - Inside Diameter
I.E. - Invert Elevation
I.F.A. - Issued for Approval
I.F.C. - Issued for Construction
I.F.T. - Issued for Tender
I.F. - Inside Face
INCL. - Inclusive, including
IND. - Industrial
INV. - Invert
INSUL. - Insulation
INT. - Interior

J.B. - Junction Box
JCT. - Junction
JST. - Joist
JT. - Joint

K.O. - Knock out
KVA - Kilo Volt Ampere
KW - Kilo Watt

L. - Length
LAB. - Laboratory
LAM. - Laminate
LA 1. - Lateral
LAV. - Lavatory
L/B - Load Bearing
L:B - Land to Build ratio
LD. - Lead
L.F. - Life Fence
LG. - Large
L.HD. - Left Hand
LIN. - Linear
L1NO. - Linoleum
L.P. - Low Point
LS. - Loudspeaker
LT. - Light
LTG. - Lighting
LVL. - Level

M. - Male
MAR. - Marble
MAS. - Masonry
MAX. - Maximum
M.B. - Machine Bolt
MBR. - Membrane
MDF - Medium Density Fiber Board
MECH. - Mechanical
MED. - Medium
MEZZ. - Mezzanine
MFD. - Manufacturing
M.H. - Man Hole
MIN. - Minimum
M.O. - Masonry opening
MOD. - Modular
MODIF. - Modification
M/S - Multiple Storey
MTL. - Material

N. - North
N.A. - Not Applicable
N.F.C. - Not for construction
NLR. - Nailer
NO. - Number
NOH. - Nominal
N.T.S. - Not to scale

O.A. - Over All
OIC - On Center
0.0. - Outside Diameter
OFC. - Office
O.H. - Overhead
O.HD. - Opposite Hand
O.H.W.T. - Overhead Water Tank
OPNG. - Opening
OPT. - Optional
OR - Outside Radius
OSB - Oriented Strand Board

P. - Pump
PART. - Partition
PAV. - Pavement, paving
P.B. - Permanent Building
P&B. - Post and Beam
PC.CONC. - Pre-Cast Concrete
PCH. - Porch
PERF. - Perforated
PLST. - Plaster
PL T. - Plate
PLAS. - Plastic
PL YWO. - Plywood
PORC. - Porcelain
PRE-ENG. - Pre-Engineering
P.S.F. - Pounds per square foot
P.S.1. - Pounds per square inch
PS.L. - Passengers lift
P.V.C. - Polyvinyl chloride
P.W. - Potable Water
PWR. - Power

QTY. - Quantity

RAD. - Radius
R.C. - Reinforced Concrete
R.D. - Roof Drain
REF. - Reference
REFG. - Refrigerator
REINF. - Reinforced
RET. - Return
REV. - Revision
RHD. - Right Hand
R.L. - Road Line
RM. - Room
RMV. - Remove
R.O. - Rough Opening
R.O.W. - Right of way
R.W. - Rain Water

S. - South
SAN. - Sanitary
S.C. - Self-closing
SCHED. - Schedule
SCHEM. - Schematic
S.D. - Smoke Detector
SECT. - Section
SHT. - Sheet
SHT'G. - Sheeting
SIM. - Simular
SO.P. - Soakage Pit
S.P. - Septic Pit
SS. - Stainless Steel
STA. - Station
STD. - Standard
STIFF. - Stiffener
STL. - Steel
SPEC. - Specification
SO. - Square
SQ.FT. - Square feet
SQ.IN. - Square inch
SQ.YD. - Square yard
SQ.M. - Square Meter
SQ.CM. - Square Centimeter
STR. - Storage
STRUCT. - Structural
SUSP. - Suspended
SYM. - Symmetrical
SYS. - System
SZ. - Size

T.B. - Trough bolt
T&B - Top and Bottom
T.B.D. - To be determined
TEL. - Telephone
T&G - Tongue and groove
TH. - Threshold
THK. - Thick
THRD. - Threaded
T.O. - Top of
T.O.B. - Top of Beam
T.O.C. - Top of Concrete
T.O.F. - Top of footing
T.O.J. - Top of joist
T.O.H. - Top of masonry
T.O.W. - Top of wall
T.S. - Tube steel
TY. - Temporary Building
TYP. - Typical

U. - Undefined
U.G. - Under Ground
UNF - Unfinished
U.N.O. - Unless noted otherwise
UNT - Unit
UTIL - Utility

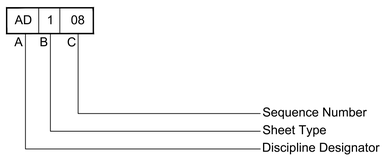
VA. - Voltage
V.B. - Vapor Barrier
V.C.T. - Vinyl Composite Tile
VERT. - Vertical
V.I.F. - Verify in field
V.P. - Valve Pit
V.1.R. - Vent trough Roof

W. - West, Window
W/ - With
W.B. - Wash Basin
W.C. - Toilet, water closet
WD. - Wood
W.F. - Wired Fence
WGT. - Weight
W.H. - Wall Height
W.I. - Wrough Iron
W.I.C. - Walk in Closet
W.M. - Washing Machine
W 10 - With out
W.P. - Working Point
W.R. - Water Resistant
W.T. - Water Tank
WTR. - Water

YO. - Yard

ZN. - Zink

DOCUMENT IDENTIFICATION



A - Discipline Designator
Identification Of The Type Of Work

G:	General
EN:	Energy Compliance
Z:	Zoning
BPP:	Builders Pavement Plan
C:	Civil
B:	Boring Log
A:	Architectural
S:	Structural
M:	Mechanical
P:	Plumbing
SP:	Sprinkler
E:	Electrical
TY:	Security

B - Sheet Type
Drawing Organization

0	General; Symbols Legend, Abbreviations, General Notes
1	Plans
2	elevations
3	Sections
4	Large Scale Drawings
5	Details
6	Schedules and Diagrams
7	User Defined
8	User Defined
9	User Defined

C - Sequence Number
Sequence Numbers May Not Be Sequential To Allow Introduction Of Future Docuents.

R - Revision Sequence
Sequential Revision Numbers. Revisions May Not Apply to All Drawings Only Drawings Affected Will Carry The Revision Number

PROJECT TEAM

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AUTHORITIES HAVING JURISDICTION

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Elon, NC 27244

FLAME SPREAD RATINGS

Gypsum Board
USG ⅝" Type 'X' Gyp. Board w/ 3 ⅝" x 20 ga. Metal Studs; ASTM E-84 Under The Mill- Burton Act. It Has A Flame Spread Rating of 15, Fuel Contribution of 15, & Smoke Density of 0.
Contact: Steve Munoz, U.S. Gypsum Association (415)792-4400

Paint Finish
On wall & Other Surfaces: Benjamin Moore Paint: ASTM E-84 Under The mill-Burton Act. It Has A Flame Spread Rating of 15, Fuel Contribution of 15, & Smoke Density of 0.
Contact: Gus Mesba (800)642-5678 Ext. 2221 or Cell (925) 640-6101

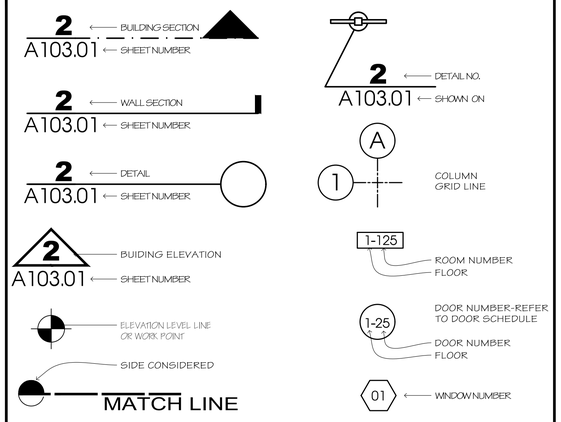
Plastic Laminate
See Vendors Below; ASTM E-84 w/ A Flame Spread Rating Of 100 & Smoke Rating of 35.
Contact: Steve Tyack, Wilson Art (916)837-3831/Shirley Dehart, Nevamar (800) 254-0778
Liesl Heil, Formica (415)956-7742

Medium Density Fiberboard
Medite Corporation; Formaldehyde-Free Wood Based Panel Product (Shelving). Conforms To ASTM D 2037-87-25 When Tested In Accordance With UL Test 723 Or ASTM E-84
Contact: Medite Corporation (541) 773-2522

Melamine
On Cashwrap Surfaces, Test Conducted In Accordance w/ UL962. It Has A Flame Spread Rating Of 75 & Smoke Developed Index of 55
Contact: Mark Rexroat (mark.rexroat@IDXLOUISVILLE.com

Stainless Steel
Stainless Steel Wainscot Provided Should Be Fabricated From Fire Rated Materials Tested In Accordance w/ ASTM-E-84-01 (Can/ULC s102.2 For The Following Class 1 Characteristics: Flame Spread Of 25 Or Less & Smoke Developed Of 450 or Less

LEGEND



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SCALE: 1/16"= 1'-0"

PROJECT DATA

G2.0

CONTRACTOR NOTES

1. IN USING THESE PLANS FOR BIDDING OR CONSTRUCTION PURPOSES, ALL CONTRACTORS ARE REQUIRED TO REVIEW AND TREAT THEM AS A WHOLE IN ORDER TO IDENTIFY ALL REQUIREMENTS THAT DIRECTLY OR INDIRECTLY AFFECT THEIR PORTION OF THE WORK. EVEN REQUIREMENTS LOCATED IN SECTIONS DESIGNATED AS APPLICABLE TO OTHER TRADES TO IN DOCUMENTS LOCATED IN SECTIONS DESIGNATED AS APPLICABLE TO OTHER TRADES OR IN DOCUMENTS PROVIDED BY OTHER MEMBERS OF THE PROJECT DESIGN TEAM. UNLESS EXPRESSLY PROVIDED OTHERWISE, THE INTENT IS TO INCLUDE ALL LABOR, MATERIALS, PRODUCTS AND SERVICES NECESSARY OR APPROPRIATE FOR THE COMPLETED PROJECT AS CALLED FOR OR REASONABLY IMPLIED FROM THE PLANS AND SPECIFICATIONS PROVIDED BY THE PROJECT'S DESIGN TEAM. IN CASE OF CONFLICTS OR OMISSIONS, THE AFFECTED CONTRACTOR IS REQUIRED TO EITHER OBTAIN DIRECTION FROM AN APPROPRIATE REPRESENTATIVE OF THE OWNER, OR OTHERWISE TO APPLY THE MORE STRINGENT OR COSTLY STANDARD.
2. THESE PLANS AND SPECIFICATIONS ARE INTENDED TO REPRESENT ONLY THE FINISHED CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION AND DEMOLITION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES INCLUDING ANY AND ALL SAFETY PRECAUTIONS AND PROGRAMS AND SHALL INDEMNIFY TO THE FULLEST EXTENT ALLOWED BY LAW THE OWNER AND THE PROJECT DESIGN TEAM FROM AND AGAINST ANY AND ALL RELATED CLAIMS AND LIABILITY.
3. THESE PLANS AND SPECIFICATIONS ARE INTENDED TO SET FORTH THE REQUIREMENTS FOR CONSTRUCTION IN ONLY AN INDUSTRY-STANDARD LEVEL OF QUALITY AND DETAIL, AND THEY ARE INTENDED TO BE SUPPLEMENTED BY APPROPRIATE REQUESTS FOR INFORMATION (RFI'S). ERRORS AND OMISSIONS ARE TO BE EXPECTED AND ANTICIPATED, AND ALL CONTRACTORS ARE REQUIRED TO CAREFULLY REVIEW THESE PLANS FOR ERRORS AND OMISSIONS AND TO BEING THERE ERRORS AND OMISSIONS TO THE ATTENTION OF AN APPROPRIATE OWNER REPRESENTATIVE IN A TIMELY MANNER; AND ANY CONTRACTOR WHO FAILS TO DO SO BEFORE BIDDING OR OTHERWISE PROCEEDING ASSUMES THE RISK OF ANY CONSEQUENCES.
4. PLANS ARE TO BE CONSIDERED DIAGRAMMATIC IN NATURE AND INTENDED ONLY TO DEMONSTRATE THE RELATIONSHIP AMONG COMPONENT PARTS AND NOT TO DEPICT SPECIFIC LOCATIONS.
5. CONTRACTOR RFI'S ARE INTENDED TO OBTAIN INFORMATION NOT AVAILABLE FROM THE PLANS AND SPECIFICATIONS. RFI'S WILL NOT BE PROCESSED THAT CAN BE ANSWERED BY A REVIEW OF THESE DOCUMENTS, THAT REQUEST DIMENSIONS THAT CAN BE OBTAINED FROM THE PLANS BY MATHEMATICAL CALCULATION THAT ARE IN EFFECT A SUBSTATION SUBMITTAL, OR THAT SEEK DIRECTION CONCERNING CONSTRUCTION MEANS AND METHODS OR SAFETY PRECAUTIONS. WHERE APPROPRIATE, RFI'S SHOULD BE SPECIFIC AS TO WHAT PORTION OF THE PLANS AND SPECIFICATIONS NEEDS CLARIFICATION, AND WHAT INFORMATION IS REQUIRED.
6. NO DEVIATIONS OR OMISSIONS FROM THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS PROVIDED BY THE PROJECT'S DESIGN TEAM ARE ALLOWED WITHOUT THE EXPRESSED AUTHORIZATION OF AN APPROPRIATE OWNER REPRESENTATIVE, AND THE RESPONSIBLE CONTRACTOR WILL INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE PROJECT DESIGN TEAM FROM AND AGAINST THE CONSEQUENCES OF ANY UNAUTHORIZED DEVIATIONS OF OMISSIONS. SUBSTITUTION SUBMITTALS WILL BE CONSIDERED ONLY IF THE PROPOSED SUBSTATION IMPROVES THE QUALITY OF THE PROJECT TO THE OWNER; AND IN NO EVENT WILL THE OWNER BE REQUIRED TO AUTHORIZE A SUBSTATION THAT IS NOT EQUAL IN QUALITY TO WHAT IS SPECIFIED.
7. VERSIONS OF THESE PLANS PROVIDED IN ANY ELECTRONIC FORM ARE SUBJECT TO THE SAME PROVISION AS THE OTHER INSTRUMENTS OF SERVICE PREPARED BY OR ON BEHALF OF THE PROJECT DESIGN TEAM, INCLUDING WITHOUT LIMITATION THEIR COMMON LAW, STATUTORY OR OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. A RECIPIENT IS GRANTED AT MOST A TRANSFERABLE NONEXCLUSIVE LICENSE TO REUSE THE PLANS SOLELY FOR PROJECT PURPOSES; AND NO RECIPIENT IS AUTHORIZED TO USE THE OR ALLOW THE USE OF ALL OR ANY PORTION OF THESE PLANS FOR ANY OTHER PURPOSE, AND ANY OTHER USE FOR ANY OTHER PURPOSE COULD CONSTITUTE ACTIONABLE PLAGIARISM. ANY ELECTRONIC DOCUMENTS WILL BE PROVIDED IN THE RESPONSIBLE DESIGN PROFESSIONAL'S STANDARD FORMATS AND CONVENTIONS AND WITH NO GUARANTEE OF THE ABSENCE OF VIRUSES OR OTHER HARMFUL MATERIAL, OR OF COMPATIBILITY WITH ANY RECIPIENT'S SOFTWARE OR HARDWARE SO THAT ANY USE WITH OR CONVERSIONS TO THE OTHER FORMS OR CONVENTIONS, OR THE USE WITH ANY PARTICULAR SOFTWARE OR HARDWARE IS AT THE RECIPIENT'S SOLE RISK.
8. NO HAZARDOUS MATERIALS SHALL BE USED OR STORED WITHIN THE BUILDING WHICH DOES NOT COMPLY WITH THE LOCAL FIRE AUTHORITY AND STATE AND COUNTY REQUIREMENTS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF SUPPLY AND RETURN AIR GRILLES, DIFFUSERS, & DUCTS TO KEEP DUST FROM ENTERING INTO BUILDING AIR DISTRIBUTION SYSTEMS.
10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE BUILDING AND SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED.
12. THE CONTRACTOR AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND SURROUND AREA FREE FROM DUST AND DEBRIS. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR AND WATER POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
13. THE CONTRACTOR SHALL PROVIDE PEDESTRIAN PROTECTION, WHERE REQUIRED PER STATE AND LOCAL CODES.

DRAWING NOTES

1. UNLESS OTHERWISE NOTED OR INDICATED, ALL DIMENSIONS ON THESE DOCUMENTS SHALL BE TO FACE OF CURB, FACE OF CONCRETE OR MASONRY, FACE OF FINISH OR CENTERLINE OF GRIDS.
2. ALL VERTICAL DIMENSIONS SHOWN ARE FROM FLOOR SLAB, U.O.N.
3. DIMENSIONS SHOWN IN FIGURES TAKE PRECEDENCE OVER DIMENSIONS SCALED FROM DRAWINGS. LARGE SCALE DRAWINGS AND DETAILS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
4. THE TERM "ALIGN" IN THESE DOCUMENTS, SHALL MEAN TO ACCURATELY LOCATE FINISHES IN THE SAME PLANE.
5. "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS THE SAME OF REPRESENTATIVE FOR ALL SIMILAR CONDITIONS THROUGHOUT, U.O.N.
6. DETAILS ARE USUALLY KEYED AND NOTED "TYPICAL" ONLY ONCE, WHEN THEY FIRST OCCUR AND ARE REPRESENTATIVE OF ALL SIMILAR CONDITIONS THROUGHOUT U.O.N.
7. COLUMN CENTERLINES (GRID LINES) ARE SHOWN FOR DIMENSIONING PURPOSES.
8. WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK IN THE SAME BUILDING.

INTERIOR/EXTERIOR NOTES

1. WHERE ELECTRICAL, MECHANICAL AND/OR PLUMBING ITEMS, SUCH AS LIGHTS, DUCTS, PIPING, DOWNSPOUTS, ETC. ARE TO PENETRATE ANY BUILDING FOOTINGS, SLABS, FLOORS, STRUCTURAL FRAMING, WALL PARTITIONS, CEILINGS, ETC., IT IS REQUIRED THAT AN APPROPRIATELY SIZED OPENING OR CLEARANCE BE FURNISHED. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ITEMS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO THE INSTALLATION OF STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WORK. CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROPOSED ACCESS PANEL LOCATIONS TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
2. CONTRACTOR, ALONG WITH MECHANICAL CONTRACTOR, SHALL PROVIDE AND LOCATE ACCESS DOORS/ PANELS IN WALL AND CEILING CONSTRUCTION AS REQUIRED TO PROVIDE ACCESS TO MECHANICAL, FIRE SPRINKLER, PLUMBING AND ELECTRICAL WORK. CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROPOSED ACCESS PANEL WORK. CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROSED ACCESS PANEL LOCATIONS TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
3. ALL PENETRATIONS AT RATED CONSTRUCTION SHALL BE PROTECTED TO MAINTAIN RATING.
4. WHERE OCCURS, CONTRACTOR SHALL PATCH ANY EXISTING WALLS AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE AND REPAIR ALL DAMAGES CAUSED BY CONTRACTOR.
5. INTERIOR WALLS AND CEILINGS SHALL BE INSTALLED IN ACCORDANCE TO STATE AND LOCAL CODES, INCLUDING REQUIREMENTS FOR FLAME SPREAD AND SMOKE DENSITY RATINGS FOR FINISH MATERIALS.
6. WHEN USED, ALL NOISE BARRIER BATTS (SOUND INSULATION) AND INSULATION BATTS SHALL BE NON-COMBUSTIBLE AND SHALL NOT CONTAIN OR UTILIZE OZONE DEPLETING COMPOUNDS.
7. ALL NEW CONSTRUCTION MATERIALS SHALL BE 100% ASBESTOS- FREE.

GENERAL NOTES

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT. EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING.

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND/OR BUILDING. DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY.
2. THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR THE REQUIRED CONSTRUCTION PERMIT(S), FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK. APPLICATION FOR CONSTRUCTION PERMITS SHALL BE PROCESSED THRU THE BUILDING CODE COMPLIANCE DIVISION OF THE AUTHORITY.
3. ALL WORK SHALL BE COVERED BY THE 2020 NEW YOR STATE BUILDING CODE AND ALL REQUIREMENTS SPECIFIED IN THE CODE SHALL BE ADHERED TO AS IF THEY WERE CALLED FOR OR SHOWN ON THE DRAWINGS. THIS SHALL NOT BE CONSTRUED TO MEAN THAT ANY REQUIREMENTS SET FORTH ON THESE DRAWINGS CAN BE MODIFIED BECAUSE THEY ARE MORE STRINGENT THAN THE CODE REQUIREMENTS OR BECAUSE THEY ARE NOT SPECIFICALLY REQUIRED BY THE CODE.
4. THE VARIOUS CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS FOR NEW WORK ARE PRESUMED TO BE REASONABLY CORRECT. THE CONTRACTOR IS TO VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS THEREIN AND HE SHALL REPORT IMMEDIATELY TO THE ARCHITECT ANY DISCREPANCY.
5. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.
6. THE CONTRACTOR SHALL PERFORM ALL CUTIING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODESAND STANDARDS OF GOOD PRACTICE.
8. ALL ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED AND MAINTAINED BY NATIONAL GEODETIC SURVEY OF THE NATIONAL OCEAN SERVICE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OR SUCCESSOR AGENCY.
9. THE TERM "FINISH FLOOR" SHALL MEAN THE NORMAL FINISHED SURFACE OF THE FLOOR LEVEL. ALL ELEVATIONS GIVEN FOR EXISTING BUILDI
10. NGS ARE TO FINISHED FLOOR. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS FOR EXISTING STRUCTURES PRIOR TO THE COMMENCEMENT OF WORK.
11. THE CONTRACTOR SHALL CORRECT ANY VARIATIONS IN FLOOR ELEVATIONS CREATED BY THE REMOVAL OF PARTITIONS AND/OR FOR THE INSTALLATION OF NEW DOOR OPENINGS.
12. THE CONTRACTOR SHALL NOT CONSTRUCT INTERIOR CMU PARTITION WALLS TO FULL HEIGHT UNTIL ALL PIPES, DUCTS, ETC. ARE IN PLACE AND TESTED.
13. THE CONTRACTOR SHALL INSTALL SUSPENDED CEILINGS, TO MEET THE CEILING HEIGHT REQUIREMENTS INDICATED IN THE CEILING HEIGHT INFORMATION ON REFLECTED CEILING PLANS.
14. THE CONTRACTOR SHALL PATCH AND REPAIR ALL FLOORS, WALLS CEILINGS, ETC.. DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS AND FINISH TO MATCH ADJOINING SURFACES.
15. FLOORS IN SPACES WITH MULTIPLE FLOOR DRAINS SHALL BE PITCHED TO THE FLOOR DRAIN.
16. AT TOILET AREAS AND OTHER LOCATIONS WITH ONE DRAIN ONLY, PROVIDE DRAIN¾" BELOW FINISH FLOOR AND PROVIDE A TWO (2) FEET SWALE IN CONCRETE TO DRAIN.
17. THE CONTRACTOR SHALL NOT INSTALL SUSPENDED OR FURRED CEILINGS IN AREAS WHERE PIPES ARE TO BE CONCEALED (HEATING, PLUMBING) UNTIL THE PIPING HAS BEEN TESTED.
18. ALL VERTICAL SHAFTS SHALL HAVE A MINIMUM FIRE RATING OF 2-HOURS UNLESS REQUIRED OTHERWISE BY CODES DUE TO OCCUPANCY ADJACENCIES.
19. ALL LOOSE LINTELS GREATER THAN 4'-0" SHALL BE FIREPROOFED.
20. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING FIXTURES PRIOR TO THE CONSTRUCTION OF PARTITIONS BEHIND SUCH FIXTURES.
21. THE DISTANCE FROM DOOR JAMBS TO ADJACENT PARTITIONS, BUILT-IN FURNITURE OR OTHER FURNISHINGS ON THE HINGE SIDE SHALL NOT BE LESS THAN 6" UNLESS OTHERWISE NOTED ON THE DRAWINGS.
22. THE CONTRACTOR SHALL EXTEND FLOORING MATERIAL INTO ALL WARDROBES AND CLOSETS.
23. ALL ELECTRICAL INDICATIONS ON ARCHITECTURAL DRAWINGS ARE FOR LOCATION PURPOSES ONLY.
24. THE CONTRACTOR SHALL COORDINATE OPENINGS IN THE FOUNDATION AND EXTERIOR WALLS FOR THE INSTALLATION OF CONDUITS AND BOXES FOR ELECTRICAL EQUIPMENT.
25. THE CONTRACTOR SHALL EXTEND ALL WALL FINISHES A MINIMUM OF 6" ABOVE THE SUSPENDED OR FURRED CEILING.
26. UNLESS OTHERWISE NOTED, EXTERIOR BRICK WALLS SHALL BE INSTALLED IN A RUNNING BOND.
27. WHERE MANUFACTURES' NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITIED TO THE ARCHITECT FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
28. FIRESTOPPING SHALL BE INSTALLED AT ALL PENETRATIONS OF FIRE-RATED CONSTRUCTION AS PER SPECIFICATIONS. FIRESTOPPING MATERIALS ARE TO BE APPROPRIATE FOR, AND BE PART OF A LISTED AND LABELED ASSEMBLY IN ACCORDANCE WITH THE BUILDING CODE OR HAVE OTCR OR MEA APPROVAL.
29. LOCATIONS AND DIMENSIONS OF CONCRETE EQUIPMENT PADS IN THESE DRAWINGS ARE APPROXIMATE. FINAL LOCATIONS AND SIZES MUST BE COORDINATED WITH THE EQUIPMENT MANUFACTURER AND ARE SUBJECT TO APPROVAL WITH THE EQUIPMENT SHOP DRAWINGS. THERE SHALL BE NO ADDITIONAL MONIES PAID FOR INCREASE IN SIZE OF PAD DUE TO DIFFERENCE IN SIZE OF THE EQUIPMENT CHOSEN BY THE CONTRACTOR FROM THAT OF MODEL NUMBER/SIZE INDICATED IN CONTRACT DOCUMENTS.
30. ALL RAMPS TO HAVE NON-SLIP SURFACE.
31. THE CONTRACTOR SHALL COORDINATE AND INSTALL ALL CLEANOUT AND ACCESS DOORS IN PARTITIONS AND HUNG CEILINGS AS REQUIRED BY THE CONTRACT DOCUMENTS WHTER OR NOT THEY ARE SPECIFICALLY CALLED FOR ON THE DRAWINGS.
32. SIZE OF MASONRY UNITS AND WOOD MEMBERS ON PLANS, BUILDING ELEVATIONS AND SECTIONS ARE SHOWN AS NOMINAL SIZE.
33. PROVIDE DEPRESSED SLABS AND MEMBRANE WATERPROOFING IN WET AREAS WITH MULTIPLE FLOOR DRAINS SUCH AS KITCHENS, SHOWER AREAS, POOL LOCKER ROOMS, ETC..
34. DEPRESSED SLABS ARE REQUIRED IN AREAS TO RECEIVE FOOT GRILLE, FLOATING CONCRETE FLOOR AND/OR WOOD FLOORING, SUCH AS: MAIN LOBBY VESTIBULE, GYMNASIUMS, DANCE FLOORS, AUDITORIUM STAGE/PLATFORM, MUSIC ROOM, ETC.
35. APPLICATION FOR A CERTIFICATE OF OCCUPANCY SHALL BE ACCOMPANIED BY AN ACCURATE AND COMPLETE FINAL SURVEY MADE BY A LICENSED SURVEYOR, SHOWING THE LOCATION OF ANY NEW BUILDING AND/OR ANY EXTENSION TO AN EXISTING BUILDING, THE ELEVATION OF THE FIRST FLOOR, THE FINISHED GRADE OF OPEN SPACES ON THE LOT, THE LOCATION AND CONTROLLING GRADES OF WATERCOURSES, PAVED SWALES, AND SIMILAR ABOVE-GRADE METHODS OF STORM WATER DISPOSAL, THE LOCATIONS OF ALL CATCH BASINS ON THE PROPERTY, THE ESTABLISHED CURB LEVEL, AND THE LOCATION OF ALL OTHER STRUCTURES AND IMPERVIOUS SURFACES ON THE LOT. THE SURVEY SHALL ALSO SHOW THE LOCATION AND BOUNDARIES OF THE LOT OR PLOT UPON WHICH SUCH BUILDINGS AND STRUCTURES ARE LOCATED.
36. ADDITIONAL NOTES THAT ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DRAWINGS.

CODE DATA

I. GENERAL SITE AND PROJECT INFORMATION

A. This is a construction of a new building for use as Self-Storage (S-1)
B. The building construciton type is IIB Non-Combustible
C. The entire building is sprinklered in accordance with 2018 NCBC and NFPA 13
D. Provisions have been made so that all exits discharge to grade or at access to grade.
E. These construction documents indicate for accessibility to be maintained from the public way into, and throughout building
F. The maximum number of employees per shift will not be greater than 15 people.

II. GOVERNING CODES

BUILDING: 2018 North Carolina Building Code
MECHANICAL: 2018 North Carolina Mechanical Code
ELECTRICAL: 2020 North Carolina Electrical Code
PLUMBING: 2018 North Carolina Plumbing Code
FIRE PROTECTION: most current NFPA 13
LIFE SAFETY: most current NFPA Life Safety Code
ACCESSIBILITY: Americans with Disabilities Act and Associated Guidelines (ADAAG), ANSI A117.1-2009

III. USE AND OCCUPANCY CLASSIFICATION

A. Tab. 508.4- Group S-1 (Medium Hazard Storage)

B. Sec. 304 & 311- This project is classified as Moderate Hazard Storage Use Group S-1 Classification

IV. TYPE OF CONSTRUCTION

A. Height and fire Area

	Moderate Hazard Storage (S-1) Type IIB Construction (Sprinklered)	
	Allowable	Actual
Height	75'-0"	28'-0" +/-
Stories	3	2
Area	104,000	30,000

B. Fire Resistance Ratings Requirements- Per Table 601:Section IBC601

Building Element				Construction Type IIIB
Primary Structural Frame				0
Bearing Walls (Exterior)				0
Bearing Walls (Interior)				0
Non-Bearing Walls (Exterior)	X<5' = 1	5<X>10 = 1	10<X>30 = 1	X > 30 = 0
Non-Bearing Walls (Interior)				0
Floor Construciton and Associated Secondary Members				0
Roof Construciton and Associated Secondary Members				0

V. INTERIOR FINISHES

A. Table. 803.1- Interior Wall And Ceiling Finish Requirements.(Sprinklered)

Occupancy Group	Interior Exit Stairways and Exit Passageways	Corridors and Enclosures for Exit Access Stairways and Ramps	Rooms and Enclosed spaces
Business (B)	B	C	C
Storage (S-1)	C	C	C

Class A: Flame Spread 0-25
Class B: Flame Spread 26-75
Class C: Flame Spread 76-200

VI. MEANS OF EGRESS

A. Values are from plan layout contained in these construction documents.
Business/Moderate Hazard Storage/Moderate Hazard Factory
TOTAL SQUARE FOOTAGE

Floor	Storage (S-1)	Occupant Load
First Floor	15,000 S.F.	30
Second Floor	15,000 S.F.	30
Total Area	30,000 S.F.	60

B. Occupancy calculation values are from Tab. 1004.5 and plan layout contained in these construction documents.

TOTAL OCCUPANT LOAD:

	Storage (S-1)		Total
	Occupant Load= 60		60

C. Egress width calculation values are from Sec. 1005.1 and calculations above.
Total occupant load of 60 multiplied by 0.20 per occupant equals 12.0" of exit width required. 144" of exit width have been provided.
Stairway Capacity with a total occupant load of 60, multiplied by 0.3 per occupant equals 18.3" of exit width required. 72" of exit width for stairways have been provided.

VII. DOOR REQUIREMENTS

A. Sec. 1010.1.3- Opening force for interior side swinging doors without closers shall not exceed a 5 lb. force. For other doors the latch shall release when subjected to a 15 lb. force. The door shall be set in motion when subjected to a 30 lb. force and shall swing to a full open position when subjected to a 15 lb. force. All forces shall be applied to latch side.
B. Sec. 1010.1.9- Egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort. Per 1010.1.9.3.2 the main exterior door or doors in Group B occupancy may be equipped with a key operated locking device from the egress side if the device is readily distinguishable as locked and there is a sign stating "This door to remain unlocked when building is occupied".

VIII. EXIT QUANTITIES AND LOCATIONS

B. **Storage**: Per Table 1021.1 with an occupant load of 1-500 people, the minimum number of exits is 2, 3 Exits have been provided

IX. EXIT ACCESS COMPONENTS

A. Sec. 1018- Minimum clear aisle widths for public areas in Groups B occupancies shall be determined by Sec. 1005.1, but shall not be less than 36 inches.

X. ACCESSIBILITY

A. Sec. 1109.2- Toilet rooms are required to be accessible.
B. Sec. 1109.3- Mop and service sinks are not required to be accessible.
C. Sec. 1109.5.1- 2 drinking fountains shall be provided, one shall comply with requirements for people who use a wheelchair & one shall comply with requirements for standing patrons.
D. Sec. 1109.12.2/ Table 1109.12.3- Point of Sale and Service Counters provided shall be accessible.

XI. MINIMUM PLUMBING FACILITIES

A. Sec. 2902.2- Separate toilet facilities provided for in adjacent office building.

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22-110

STORE SPACE
STORAGE CAP ELON, LP
L070
931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/16"= 1'-0"

BUILDING CODE SUMMARY

G3.0

Notes

Convention	Description
36 / 915	dimension showing English units (in inches unless otherwise specified) above the line and SI units (in millimeters unless otherwise specified) below the line
6 / 150	dimension for small measurements
33-36 / 840-915	dimension showing a range with minimum - maximum
min	minimum
max	maximum
>	greater than
≥	greater than or equal to
<	less than
≤	less than or equal to
	boundary of clear floor space or maneuvering clearance
	centerline
	a permitted element or its extension
	direction of travel or approach
	a wall, floor, ceiling or other element cut in section or plan
	a highlighted element in elevation or plan
	location zone of element, control or feature

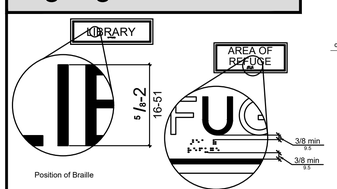

International Symbol of Access for Hearing Loss


Volume-Controlled Telephone

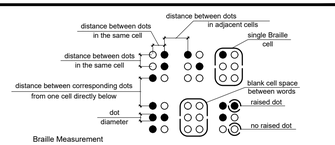

International TTY Symbol


International Symbol of Accessibility

Signage

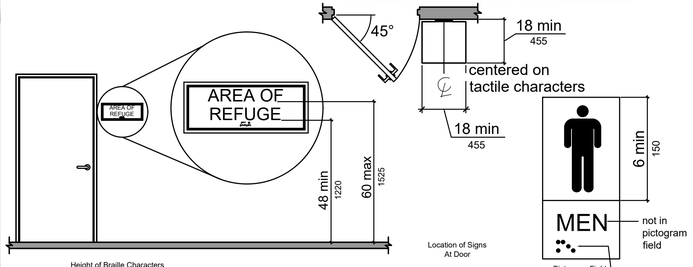


Position of Braille



Braille Measurement

Measurement Range	Minimum/Maximum Inches
Dot Base Diameter	0.059(1.5) - 0.063(1.6)
Distance Between Two Dots	0.090 (2.3) - 0100 (2.5)
Distance Between Corresponding Dots	0.241 (6.1) - 0.300 (7.6)
Dot Height	0.025 (0.6) - 0.037 (0.9)
Distance Between Corresponding Dots From One Cell Directly Below	0.395 - (10.0) - 0.400 (10.2)

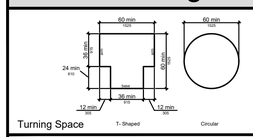


Height of Braille Characters Above Floor

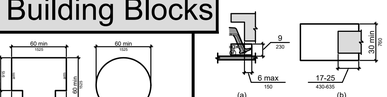
Location of Signs At Door

Pictogram Field

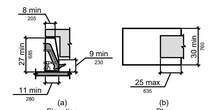
Basic Building Blocks



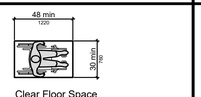
Turning Space — T- Shaped — Circular



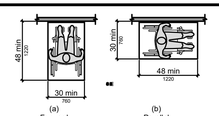
Toe Clearance



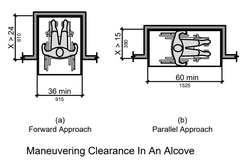
Knee Clearance



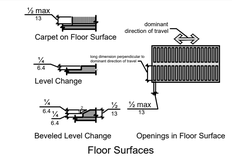
Clear Floor Space



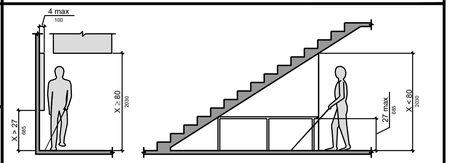
Position of Clear Floor Space

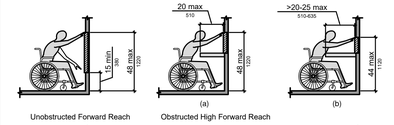


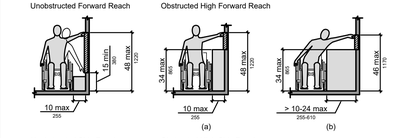
Maneuvering Clearance In An Alcove

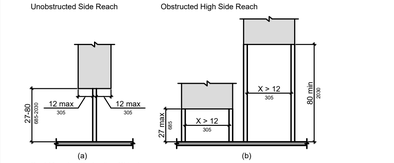


Floor Surfaces

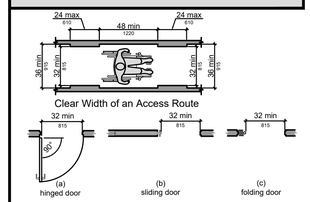


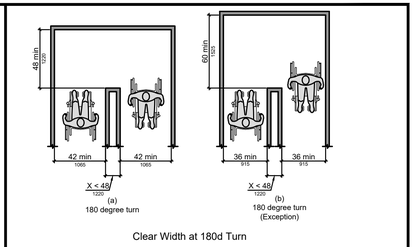


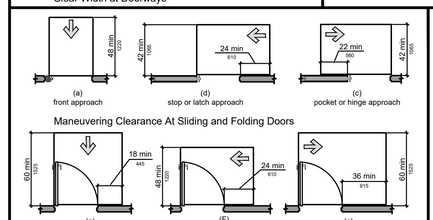


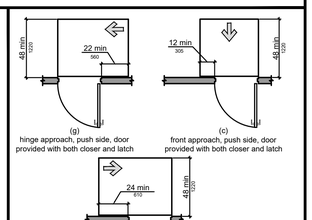


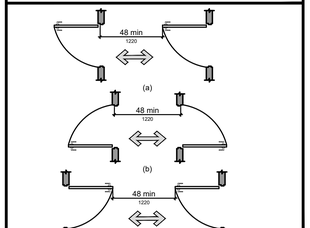
Accessible Routes



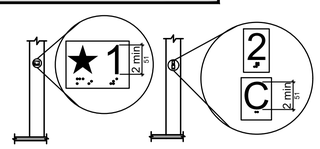


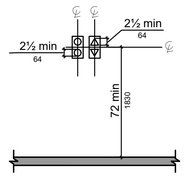




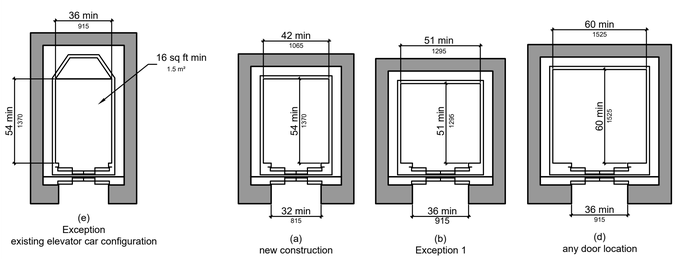


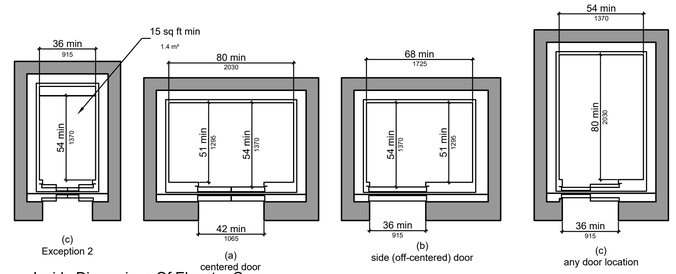
Elevators



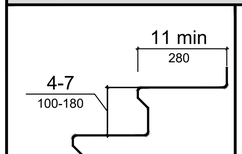


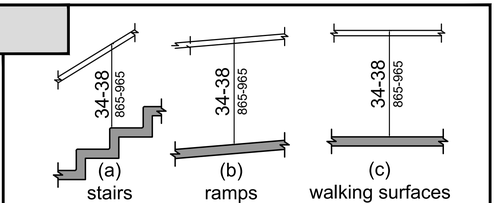
Hall Signals

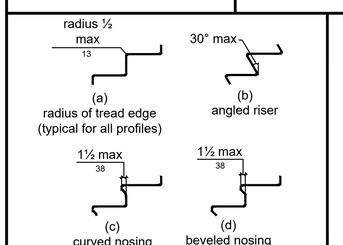


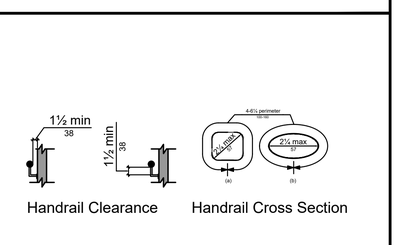


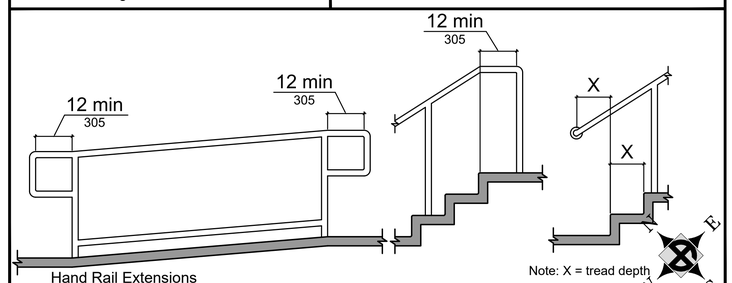
Stairways











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22-110

STORE SPACE

STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

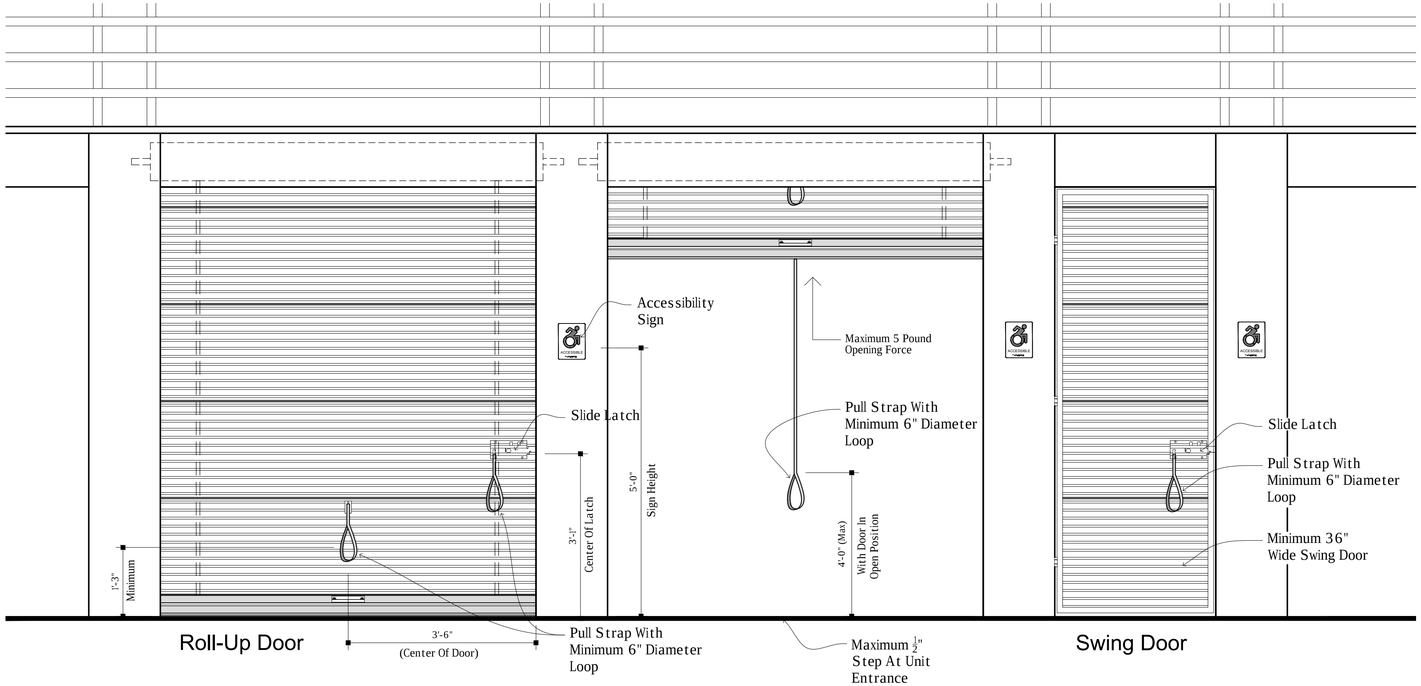
DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

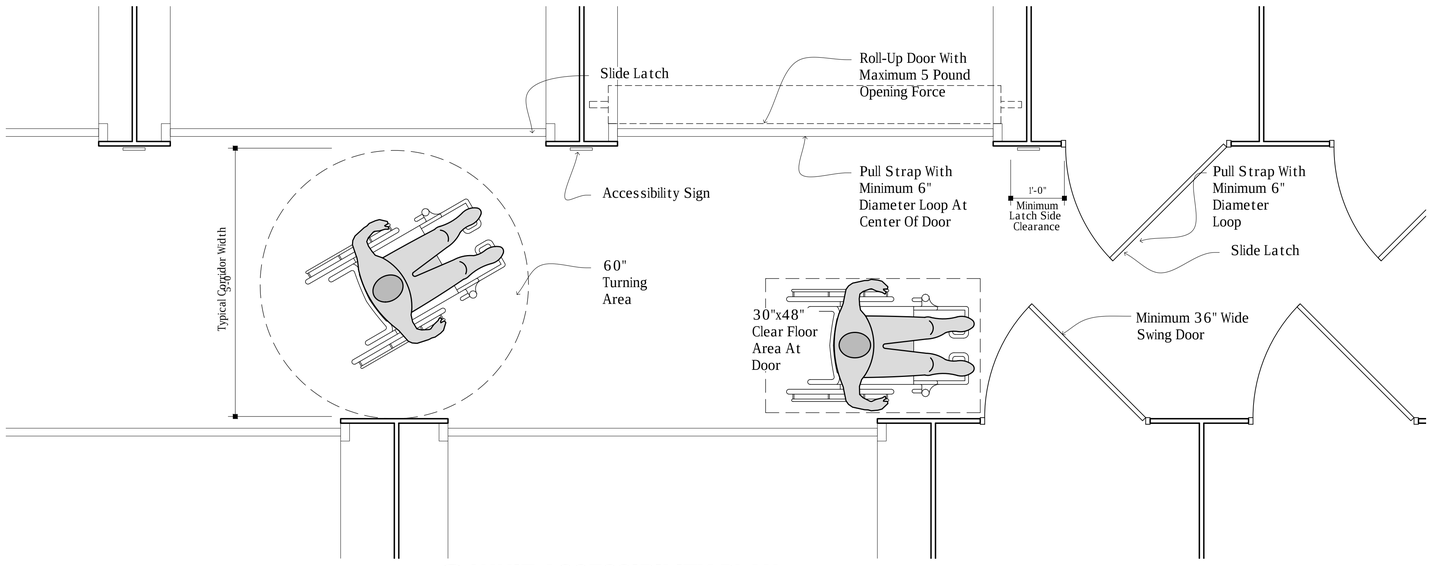
SCALE: 1/16"= 1'-0"

ACCESSIBILITY DETAILS

G3.1



1 UNIT ACCESSIBILITY DETAILS



2 UNIT ACCESSIBILITY PLAN

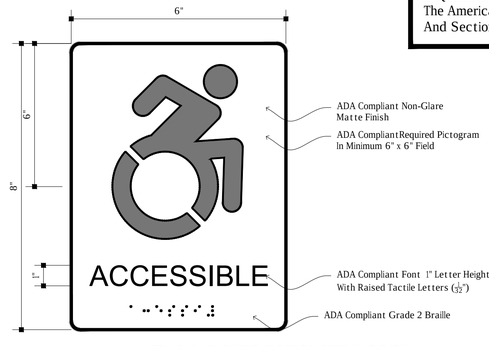
Storage Unit Accessibility Requirements	CODE REFERENCE		
	2018 NCBC	ADA 2010	ANSI A117
Minimum Number Of Accessible Units: 5% For First 200 Units 2% For All Additional Units	1108.3	225.2.3	
Accessible Units Shall Be Dispersed Throughout Each Type and Size Unit.	1108.3.1	225.3.1	
A pull must be installed on the door exterior no lower than 15" and no higher than 48"			308.2
The pull must have a loop large enough for a fist to fit through.			309.4
A nylon rope must be installed on the bottom bar which hangs 15" - 48" A.F.F. when the door is in the open position.			308.2
Rope must also contain a loop large enough to fit a fist and replaces the traditional rope.			309.4
An accessibility plaque with Braille must be clearly displayed outside the unit.			703.1.2
Door must be tensioned at 5 lbs maximum force as it pertains to the continuous application of force necessary to fully open the door.			309.4
Maximium step height into unit is ½" A ramp shall be provided to cover the entire width of the unit for larger steps.			303.2

	Accessible Units						
		5x5x8	5x10x8	10x10x8	10x15x8	10x20x8	Total
Minimum Number Of Accessible Units		6	6	8	3	2	25
	Total Accessible Units						

Note: The Handicap Acessible Units Are Identified On the Unit Mix Plan On A10.0, A10.1

Accessibility Code Requirements

Self-Storage Lockers Shall Be Available On An Accessible Route & Shall Be Provided In Quantities Prescribed In Section 225 Of The Americans With Disabilities Act (ADA) And Section 1108.3 Of The 2020 IBC



3 ACCESSIBILITY SIGN

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22-110

STORE SPACE
STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: NTS

ACCESSIBILITY DETAILS STORAGE UNITS

G3.2

COMcheck Software Version 4.1.1.0

Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Store Space
Location: Elon College, North Carolina
Climate Zone: 4a
Project Type: New Construction
Vertical Glazing / Wall Area: 0%

Construction Site:
937 East Haggard Ave
Elon, NC 27244

Owner/Agent:

Designer/Contractor:
Dean architects
3284 Walden Ave
Depew, NY 14043

Additional Efficiency Package(s)

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

Building Area	Floor Area
1-WHOLE BUILDING (Warehouse) : Nonresidential	30000

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor 1: Slab-On-Grade:Unheated, Vertical 3 ft. [Bldg. Use 1 - WHOLE BUILDING] (c)	503	---	10.0	0.510	0.540
Roof 1: Metal Building, Standing Seam, Liner System with Thermal Blocks (d), [Bldg. Use 1 - WHOLE BUILDING]	15000	30.0	2.0	0.034	0.035
NORTH					
Exterior Wall 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - WHOLE BUILDING]	2800	19.0	6.0	0.066	0.064
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - WHOLE BUILDING]	24	---	---	0.300	0.610
EAST					
Exterior Wall 1 copy 2: Steel-Framed, 16" o.c., [Bldg. Use 1 - WHOLE BUILDING]	3900	19.0	6.0	0.066	0.064
SOUTH					
Exterior Wall 1 copy 1: Steel-Framed, 16" o.c., [Bldg. Use 1 - WHOLE BUILDING]	2800	19.0	6.0	0.066	0.064
Door 1 copy 1: Insulated Metal, Swinging, [Bldg. Use 1 - WHOLE BUILDING]	24	---	---	0.300	0.610
WEST					
Exterior Wall 1 copy 3: Steel-Framed, 16" o.c., [Bldg. Use 1 - WHOLE BUILDING]	3900	19.0	6.0	0.066	0.064
Door 3: Insulated Metal, Swinging, [Bldg. Use 1 - WHOLE BUILDING]	24	---	---	0.300	0.610
Door 4: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID KAWNEER, SHGC 0.16, PF 1.00, [Bldg. Use 1 - WHOLE BUILDING] (b)	45	---	---	0.350	0.770

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(d) Thermal spacer block with minimum R-3.5 must be installed above the purlin/batt, and the roof deck secured to the purlins.

Envelope PASSES: Design 3% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version 4.1.1.0

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Store Space
Project Type: New Construction

Construction Site:
937 East Haggard Ave
Elon, NC 27244

Owner/Agent:

Designer/Contractor:
Dean architects
3284 Walden Ave
Depew, NY 14043

Additional Efficiency Package(s)

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Warehouse:Medium/Bulky/Pallet Material Storage	30000	0.58	17400
		Total Allowed Watts =	17400

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Warehouse:Medium/Bulky/Pallet Material Storage				
LED 1: L1: Other:	1	3	9	26
LED 2: L2: Other:	1	83	40	3320
LED 3: L3: Other:	1	6	35	208
			Total Proposed Watts =	3554

Interior Lighting PASSES: Design 80% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version 4.1.1.0

Mechanical Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Store Space
Location: Elon College, North Carolina
Climate Zone: 4a
Project Type: New Construction

Construction Site:
937 East Haggard Ave
Elon, NC 27244

Owner/Agent:

Designer/Contractor:
Dean architects
3284 Walden Ave
Depew, NY 14043

Additional Efficiency Package(s)

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

Mechanical Systems List

Quantity	System Type & Description
6	HVAC System 1 (Single Zone): Heating: 6 each - Duct Furnace, Gas, Capacity = 80000 kBtu/h Proposed Efficiency = 88.00% Ec, Required Efficiency: 88.00 % Ec Cooling: 6 each - Split System, Capacity = 74000 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 10.45 EER, Required Efficiency: 10.45 EER + 12.1 IEER Fan System: None

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COMcheck Software Version 4.1.1.0

Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

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

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

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

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

Additional Comments/Assumptions:

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

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4]2	Slab edge insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2.1 [FO6]1	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.5 [FO3]2	Slab edge insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [FO12]3	Radiant heating systems panels insulated to >=R-3.5 on face opposite space being heated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C403.2.4.5, C403.2.4.6 [FO9]3	Snow/ice melting system sensors for future connection to controls. Freeze protection systems have automatic controls installed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12]1	Fenestration products rated in accordance with NFRC.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.1.3 [FR13]1	Fenestration products are certified as to performance labels or certificates provided.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.3 [FR10]1	Vertical fenestration SHGC value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.3, C402.4.3.4 [FR8]1	Vertical fenestration U-Factor.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.4 [FR14]1	U-factor of opaque doors associated with the building thermal envelope meets requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.2.1 [FR19]1	The building envelope contains a continuous air barrier that is sealed in an approved manner and material permeability <= 0.004 dfm/ft2. Air barrier penetrations are sealed in an approved manner.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.2, C402.5.4 [FR18]1	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.7 [FR17]1	Vestibules are installed on all building entrances. Doors have self-closing devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

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22-110

STORE SPACE
STORAGE CAP ELON, LP
L070
931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY:
CHECKED BY: M. Dean
SCALE: 1/16"= 1'-0"

ENERGY COMPLIANCE

G4.0

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL6][3]	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.6.3 [PL7][3]	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C404.7 [PL8][3]	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41][3]	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.5, C403.2.4.3 [ME3][3]	Stair and elevator shaft vents have motorized dampers that automatically close.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.5, C403.2.4.3 [ME58][3]	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.12.1 [ME65][3]	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.12.3 [ME117][3]	Fans have efficiency grade (FEG) >= 67. The total efficiency of the fan at the design point of operation <= 15% of maximum total efficiency of the fan.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.13 [ME71][3]	Unenclosed spaces that are heated use only radiant heat.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.3 [ME55][3]	HVAC equipment efficiency verified.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.6.1 [ME59][3]	Demand control ventilation provided for spaces >500 ft2 and >25 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.6.2 [ME115][3]	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.7 [ME57][3]	Exhaust air energy recovery on systems meeting Table C403.2.7(1) and C403.2.7(2).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.8 [ME116][3]	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.9 [ME60][2]	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

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

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.9 [ME10][2]	Ducts and plenums sealed based on static pressure and location.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.9.1.3 [ME11][3]	Ductwork operating >3 in. water column requires air leakage testing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.4.4.6 [ME110][3]	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C408.2.2.1 [ME53][3]	Air outlets and zone terminal devices have means for air balancing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.5, C403.5.1, C403.5.2 [ME123][3]	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2..	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15][1]	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1 [EL18][1]	Occupancy sensors installed in required spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.1, C405.2.2.3 [EL23][2]	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.2.1 [EL22][2]	Automatic controls to shut off all building lighting installed in all buildings.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3 [EL16][2]	Daylight zones provided with individual controls that control the lights independent of general area lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.2 [EL20][1]	Primary sidelighted areas are equipped with required lighting controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.3 [EL21][1]	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL4][1]	Separate lighting control devices for specific uses installed per approved lighting plans.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.2.4 [EL8][1]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C405.3 [EL6][1]	Exit signs do not exceed 5 watts per face.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3][1]	Roof insulation installed per manufacturer's instructions. Bown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.1 [IN10][2]	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2 [IN7][1]	Above-grade wall insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2.1 [IN14][2]	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during foundation inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.1 [IN17][3]	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.3 [IN6][1]	Above-grade wall insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.5 [IN8][2]	Floor insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [IN18][3]	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.2 [IN2][1]	Roof R-value. For some ceiling systems, verification may need to occur during Framing Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.1 [IN1][1]	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17][3]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.3, C408.2.5.3 [FI8][3]	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.3 [FI51][3]	Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.6 [FI37][1]	Weatherseals installed on all loading dock cargo doors.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.8 [FI26][3]	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.2 [FI27][3]	HVAC systems and equipment capacity does not exceed calculated loads.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4.1 [FI47][3]	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4.1.2 [FI38][3]	Thermostatic controls have a 5 °F deadband.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4.1.3 [FI20][3]	Temperature controls have setpoint overlap restrictions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4.2 [FI39][3]	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C403.2.4.2.1, C403.2.4.2.2 [FI40][3]	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant overrice, 10-hour backup	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

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

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C405.4.1 [FI18][1]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Interior Lighting fixture schedule for values.*
C408.2.1 [FI28][1]	Commissioning plan developed by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3.1 [FI31][1]	HVAC equipment has been tested to ensure proper operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.3.2 [FI10][1]	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.4 [FI29][1]	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.1 [FI7][3]	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.1 [FI16][3]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.3 [FI43][1]	An air and/or hydronic system balancing report is provided for HVAC systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.2.5.4 [FI30][1]	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C408.3 [FI33][1]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

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22-110

STORE SPACE
STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

DRAWN BY:

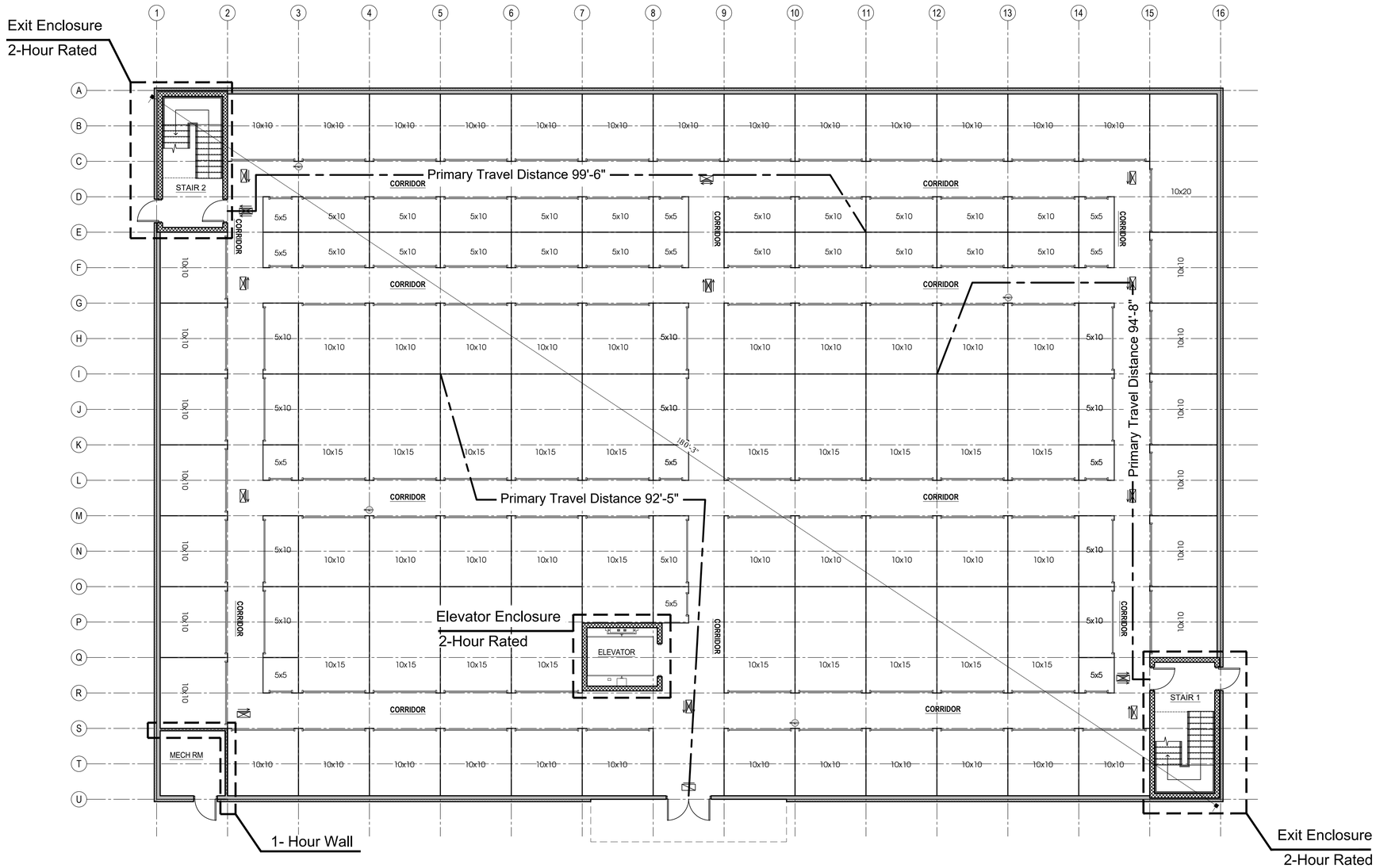
CHECKED BY: M. Dean

SCALE: 1/16"= 1'-0"

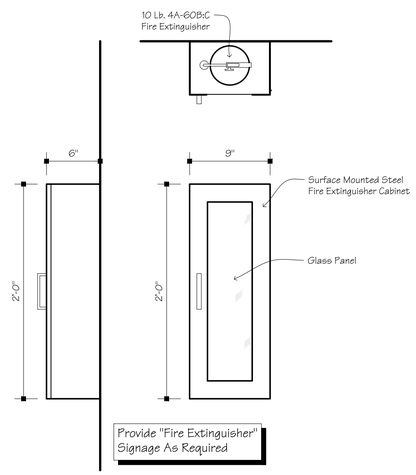
ENERGY COMPLIANCE

G4.1

1ST FLOOR	CODE REFERENCE
Remoteness of Exits	
Building Diagonal is 180'-3" Min Exit Separation Required is 90'-1 1/2" Exits are separated by more than one half the building diagonal	Exit Access Doorway Arrangement 1007.1.1 ½ The Length Of The Overall Diagonal Of The Building
Maximum Travel Distance	
Allowable: 250' Actual: 94'-8"	
FE Locations	
Hazard Rating- Moderate Max Floor Area Per Fire Extinguisher- 11,250 Minimum Fire Extinguisher Required- 2 4 Fire Extinguishers Provided Fire Extinguisher Travel Distance- 75'	Exit Access Travel Distance- Table 1017.2 Occupancy S-1 With Sprinkler System, Max Travel Distance= 250'
Egress Capacity	
Floor Gross Area- 15,000 Sqft Max Floor Area per Occupant Storage-500 Sqft.=30 Total Occupant Load- 30 People Required Egress Width per Occupant- 0.20" Total Egress Width Required- 6.0" Total Egress Width Provided- 144"	Maximum Floor Area Per Occupied- Table 1004.1.1 Warehouse: 500 Sqft Gross Per Occupant Egress Width- 1005.1 Minimum Egress Width Stairway 0.3" Per Occupant, Other Egress Component 0.2" Per Occupant



1 1ST FLOOR LIFE SAFETY PLAN
1/8"=1'-0"



2 FIRE EXTINGUISHER DETAIL
NTS

Building Element	Type II	
	A	B
Primary Structure Frame	1	0
Bearing Walls		
Exterior	1	0
Interior	1	0
Nonbearing Walls & Partitions Exterior	0	0
Nonbearing Walls & Partitions Interior	0	0
Floor Construction & Associated Secondary Members	1	0
Roof Construction & Associated Secondary Members	1	0

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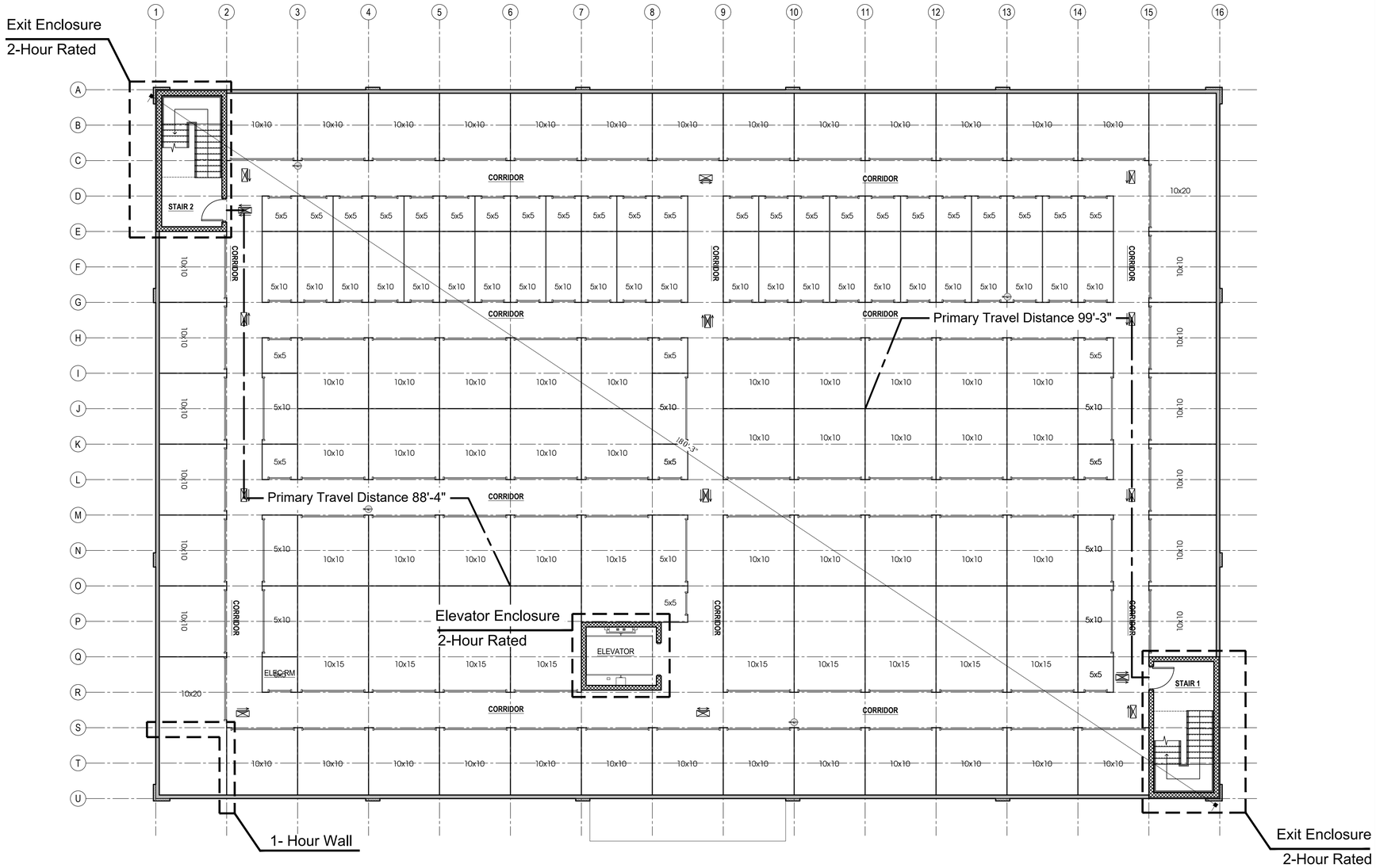
No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

LIFE SAFETY
FIRST FLOOR

G5.0

2ND FLOOR	CODE REFERENCE
Remoteness of Exits	
Building Diagonal is 180'-3" Min Exit Separation Required is 90'-1 1/2" Exits are separated by more than one half the building diagonal	Exit Access Doorway Arrangement 1007.1.1 $\frac{1}{2}$ The Length Of The Overall Diagonal Of The Building
Maximum Travel Distance	
Allowable: 250' Actual: 99'-3"	
FE Locations	
Hazard Rating- Moderate Max Floor Area Per Fire Extinguisher- 11,250 Minimum Fire Extinguisher Required- 2 4 Fire Extinguishers Provided Fire Extinguisher Travel Distance- 75'	Exit Access Travel Distance- Table 1017.2 Occupancy S-1 With Sprinkler System, Max Travel Distance= 250'
Egress Capacity	
Floor Gross Area- 15,000 Sqft Max Floor Area per Occupant Storage-500 Sqft.=30 Total Occupant Load- 30 People Required Egress Width per Occupant- 0.20" Total Egress Width Required- 6.0" Total Egress Width Provided- 72"	Maximum Floor Area Per Occupied- Table 1004.1.1 Warehouse: 500 Sqft Gross Per Occupant Egress Width- 1005.1 Minimum Egress Width Stairway 0.3" Per Occupant, Other Egress Component 0.2" Per Occupant



Building Element	Type II	
	A	B
Primary Structure Frame	1	0
Bearing Walls		
Exterior	1	0
Interior	1	0
Nonbearing Walls & Partitions Exterior	0	0
Nonbearing Walls & Partitions Interior	0	0
Floor Construction & Associated Secondary Members	1	0
Roof Construction & Associated Secondary Members	1	0

1 2ND FLOOR LIFE SAFETY PLAN
1/8"=1'-0"

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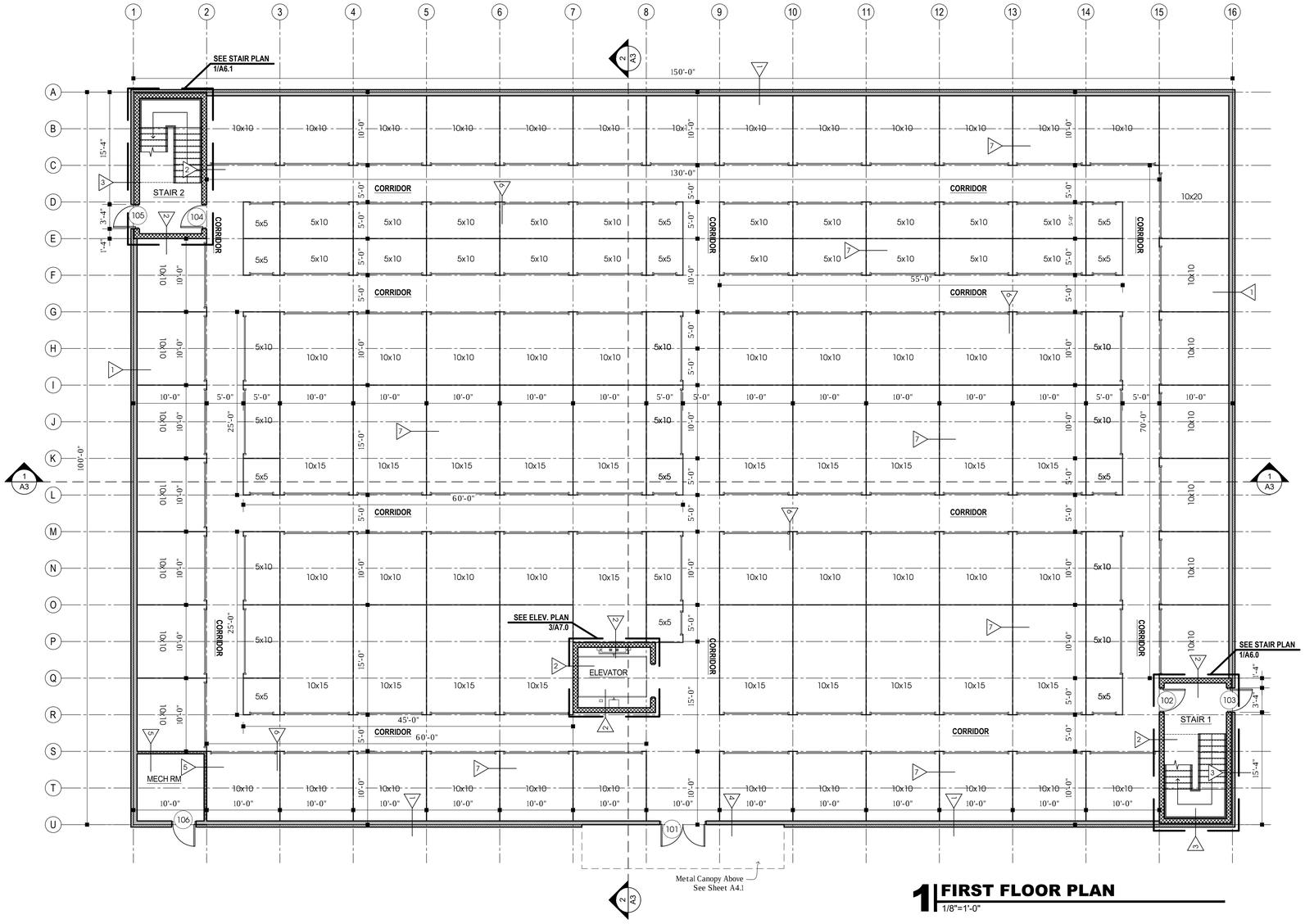
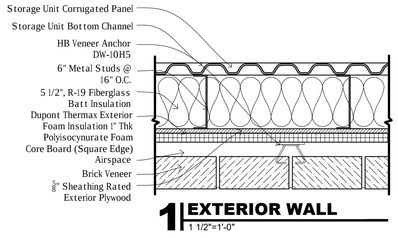
LIFE SAFETY
SECOND FLOOR

G5.1

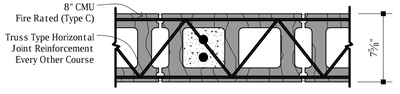


1 FIRST FLOOR PLAN
1/8"=1'-0"

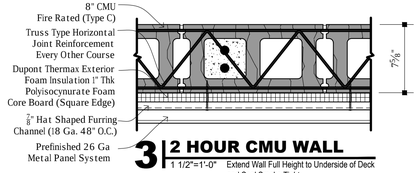
WALL TYPES



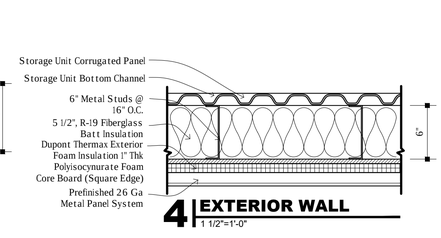
1 EXTERIOR WALL
1 1/2"=1'-0"



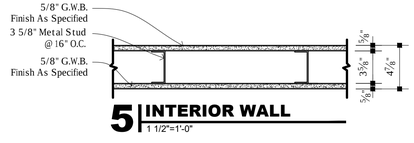
2 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight



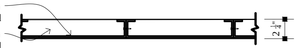
3 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight



4 EXTERIOR WALL
1 1/2"=1'-0"

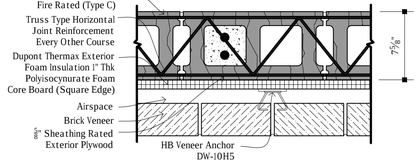


5 INTERIOR WALL
1 1/2"=1'-0"



6 STORAGE UNIT FLUSH PANEL
1 1/2"=1'-0"

7 STORAGE UNIT CORRUGATED PANEL
1 1/2"=1'-0"



8 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight

Partition Notes

1. These notes are intended for use in conjunction with the specifications. Refer to the specifications for additional information.
2. Gypsum board nomenclature generally refers to products of United States Gypsum Company. Other gypsum products of similar and equivalent nature will be acceptable when differences do not materially detract from the design concept or the intended performances.
3. Install acoustical sealant in accordance with manufacturer's recommendations. Caulking the perimeter of partitions, openings, outlet box openings, and cut-outs in all partitions designated to receive acoustical insulation.
4. Maximum partition height. Do not exceed manufacturer's recommendations for spacing and stud gauge for L/240 deflection. Where scheduled partition type does not meet requirements, increase stud gauge, decrease spacing, or provide bracing above ceiling to meet deflection criteria.
5. Fire rated partition shall extend from concrete slab to bottom of roof above and be sealed tight with fire sealant.
6. When non-rated fire walls intersect fire rated walls, the construction of the rated walls shall carry through.
7. When two rated walls meet or intersect, the construction of the higher rated wall shall carry through.
8. Provide moisture resistant gypsum board behind and adjacent to all plumbing fixtures, at all areas to receive ceramic tile, and as indicated.
9. Provide suitable blocking and bracing in all stud walls, chase walls or furred walls to support fixtures, accessories, grab bars, hands rails, etc.
10. Contractor is to frame around ductwork at partition locations and brace studs as required for rigid construction.
11. Provide double studs at all jambs.
12. All exposed gypsum board edges to have metal trim. Use#200A unless otherwise noted.
13. Tape, spackle and sand all partitions. Partitions to be left in a smooth condition ready for paint unless otherwise noted.
14. Provide control joints in metal stud and gypsum walls at intervals not exceeding 30 feet vertically and horizontally. 6'-0" wide door opening shall have control joints extending vertically to top of wall from both corners of the jambs.
15. Provide solid lateral bracing in metal stud walls at 48" O.C. maximum or at wall mid-span, whichever is less. lateral bracing shall be field cut runner with I-/2 x 20 Ga. strap or I-/2" cold rolled channel placed through stud web holes and welded to both sides of channel. Lateral bracing shall be installed imediately after the studs are erected.
16. Where gypsum drywall systems with fire resistant ratings are indicated or required, provide materials and installations which are identical with those of applicable assembly design designations indicated in the Underwriters Laboratory "Fire Resistance Directory".
17. Where walls transition from one wall type to another, the studs shall be aligned to provide for a flush and smooth finished surface.

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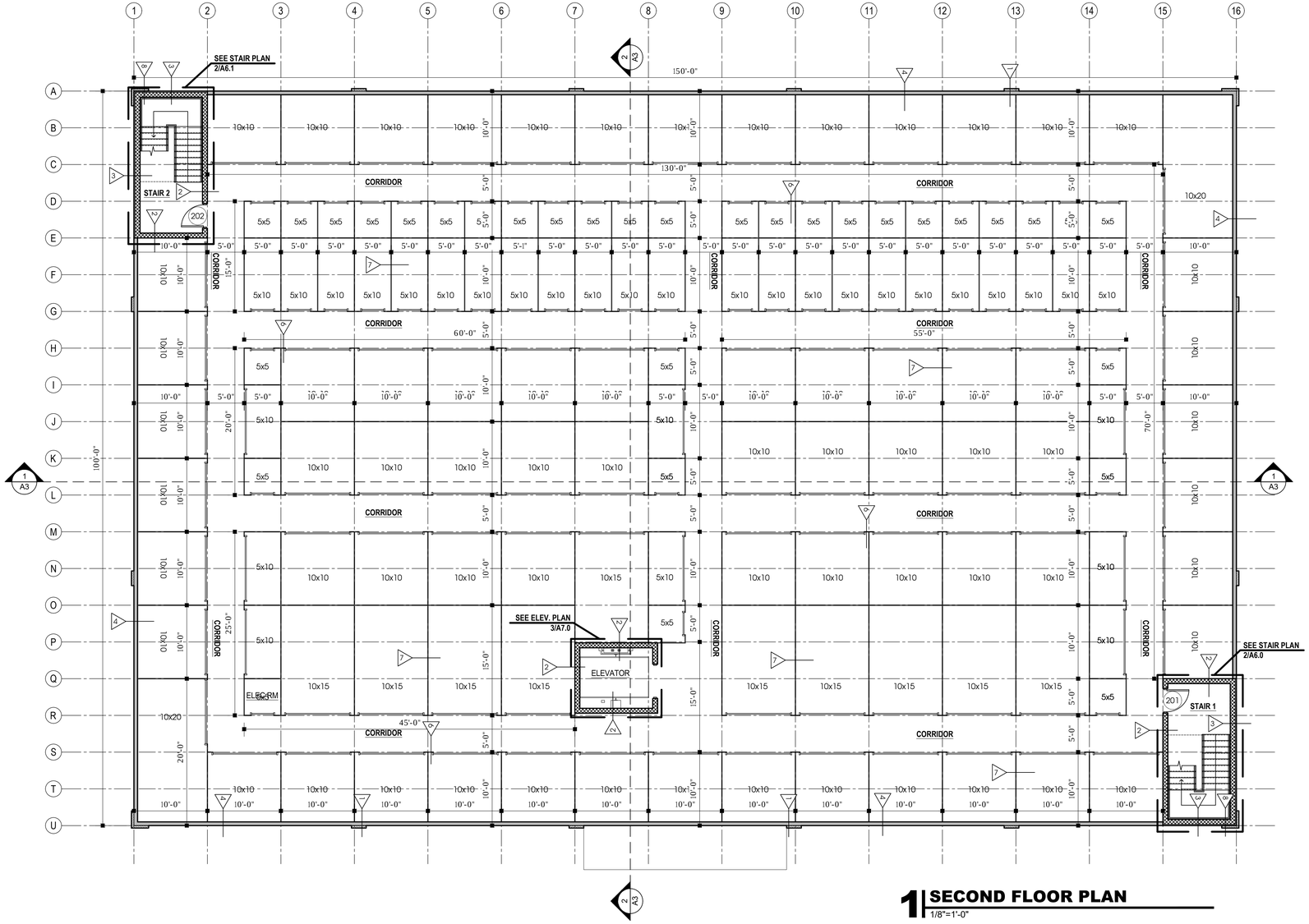
No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

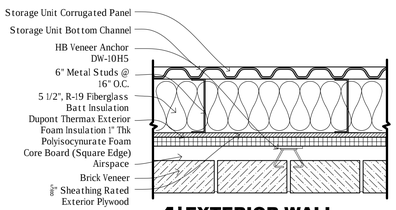
FIRST FLOOR PLAN

A1.0



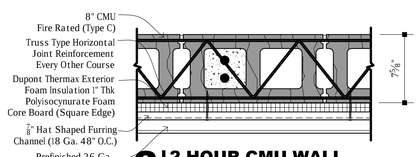
1 SECOND FLOOR PLAN
1/8"=1'-0"

WALL TYPES

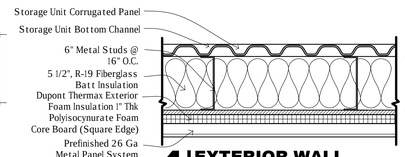


1 EXTERIOR WALL
1 1/2"=1'-0"

2 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight

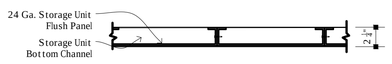


3 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight

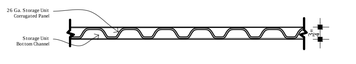


4 EXTERIOR WALL
1 1/2"=1'-0"

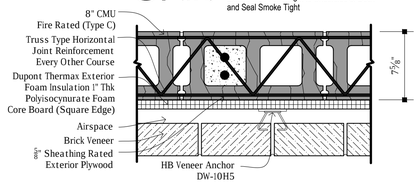
5 INTERIOR WALL
1 1/2"=1'-0"



6 STORAGE UNIT FLUSH PANEL
1 1/2"=1'-0"



7 STORAGE UNIT CORRUGATED PANEL
1 1/2"=1'-0"



8 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight

Partition Notes

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5. Fire rated partition shall extend from concrete slab to bottom of roof above and be sealed tight with fire sealant.
6. When non-rated fire walls intersect fire rated walls, the construction of the rated walls shall carry through.
7. When two rated walls meet or intersect, the construction of the higher rated wall shall carry through.
8. Provide moisture resistant gypsum board behind and adjacent to all plumbing fixtures, of all areas to receive ceramic tile, and as indicated.
9. Provide suitable blocking and bracing in all stud walls, chase walls or furred walls to support fixtures, accessories, grab bars, hands rails, etc.
10. Contractor is to frame around ductwork at partition locations and brace studs as required for rigid construction.
11. Provide double studs at all jambs.
12. All exposed gypsum board edges to have metal trim. Use#200A unless otherwise noted.
13. Tape, spackle and sand all partitions. Partitions to be left in a smooth condition ready for paint unless otherwise noted.
14. Provide control joints in metal stud and gypsum walls at intervals not exceeding 30 feet vertically and horizontally. 6'-0" wide door opening shall have control joints extending vertically to top of wall from both corners of the jambs.
15. Provide solid lateral bracing in metal stud walls at 48" O.C. maximum or at wall mid-span, whichever is less. lateral bracing shall be field cut runner with H/2 x 20 Ga. strap or H/2" cold rolled channel placed through stud web holes and welded to both sides of channel. Lateral bracing shall be installed imediately after the studs are erected.
16. Where gypsum drywall systems with fire resistant ratings are indicated or required, provide materials and installations which are identical with those of applicable assembly design designations indicated in the Underwriters Laboratory "Fire Resistance Directory".
17. Where walls transition from one wall type to another, the studs shall be aligned to provide for a flush and smooth finished surface.

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STORE SPACE
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L070

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No.	Description	Date	By

DATE: 3-17-2023

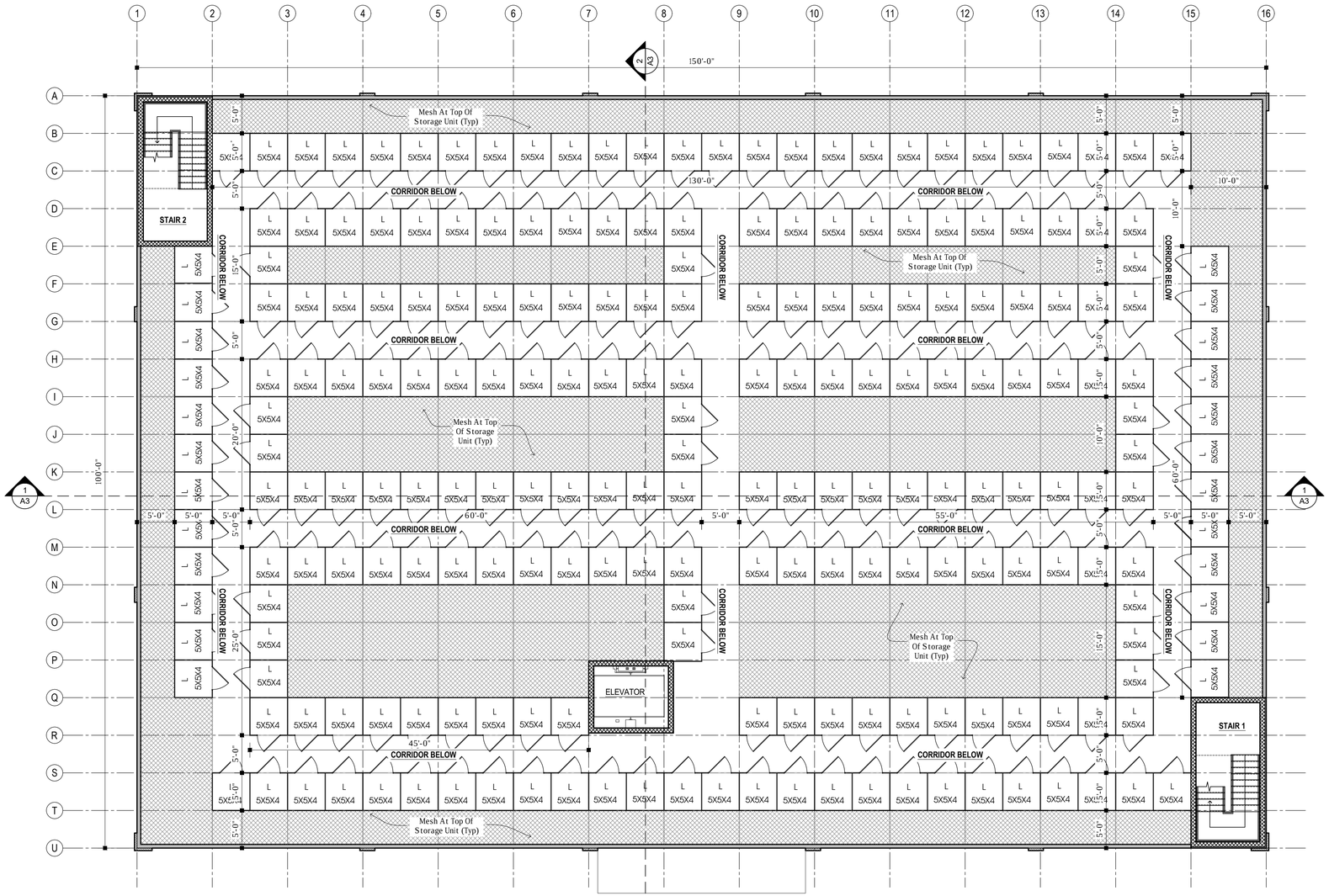
DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

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

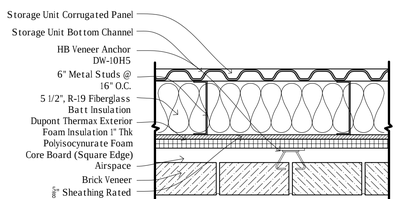
SECOND FLOOR PLAN

A1.1

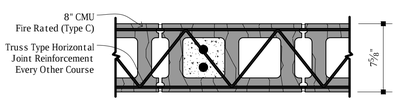


1 UPPER LOCKER PLAN
1/8" = 1'-0"

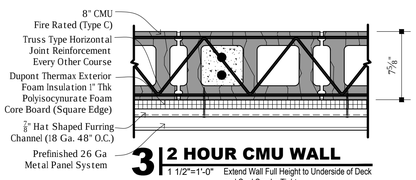
WALL TYPES



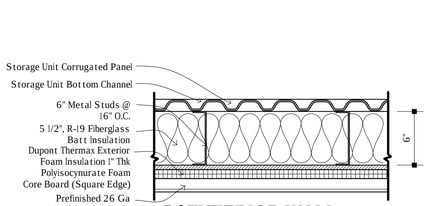
1 EXTERIOR WALL
1 1/2"=1'-0"



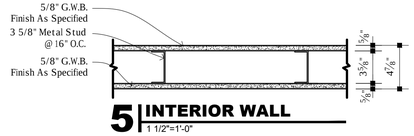
2 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight



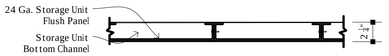
3 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight



4 EXTERIOR WALL
1 1/2"=1'-0"

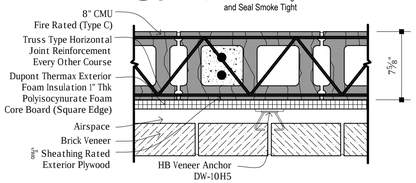


5 INTERIOR WALL
1 1/2"=1'-0"



6 STORAGE UNIT FLUSH PANEL
1 1/2"=1'-0"

7 STORAGE UNIT CORRUGATED PANEL
1 1/2"=1'-0"



8 2 HOUR CMU WALL
1 1/2"=1'-0" Extend Wall Full Height to Underside of Deck and Seal Smoke Tight

Partition Notes

1. These notes are intended for use in conjunction with the specifications. Refer to the specifications for additional information.
2. Gypsum board nomenclature generally refers to products of United States Gypsum Company. Other gypsum products of similar and equivalent nature will be acceptable when differences do not materially detract from the design concept or the intended performances.
3. Install acoustical sealant in accordance with manufacturer's recommendations. Caulking the perimeter of partitions, openings, outlet box openings, and cut-outs in all partitions designated to receive acoustical insulation.
4. Maximum partition height. Do not exceed manufacturer's recommendations for spacing and stud gauge for L/240 deflection. Where scheduled partition type does not meet requirements, increase stud gauge, decrease spacing, or provide bracing above ceiling to meet deflection criteria.
5. Fire rated partition shall extend from concrete slab to bottom of roof above and be sealed tight with fire sealant.
6. When non-rated fire walls intersect fire rated walls, the construction of the rated walls shall carry through.
7. When two rated walls meet or intersect, the construction of the higher rated wall shall carry through.
8. Provide moisture resistant gypsum board behind and adjacent to all plumbing fixtures, at all areas to receive ceramic tile, and as indicated.
9. Provide suitable blocking and bracing in all stud walls, chase walls or furred walls to support fixtures, accessories, grab bars, hands rails, etc.
10. Contractor is to frame around ductwork at partition locations and brace studs as required for rigid construction.
11. Provide double studs at all jambs.
12. All exposed gypsum board edges to have metal trim. Use#200A unless otherwise noted.
13. Tape, spackle and sand all partitions. Partitions to be left in a smooth condition ready for paint unless otherwise noted.
14. Provide control joints in metal stud and gypsum walls at intervals not exceeding 30 feet vertically and horizontally. 6'-0" wide door opening shall have control joints extending vertically to top of wall from both corners of the jambs.
15. Provide solid lateral bracing in metal stud walls at 48" O.C. maximum or at wall mid-span, whichever is less, lateral bracing shall be field cut runner with I-1/2 x 20 Ga. strap or I-1/2" cold rolled channel placed through stud web holes and welded to both sides of channel. Lateral bracing shall be installed imediately after the studs are erected.
16. Where gypsum drywall systems with fire resistant ratings are indicated or required, provide materials and installations which are identical with those of applicable assembly design designations indicated in the Underwriters Laboratory "Fire Resistance Directory".
17. Where walls transition from one wall type to another, the studs shall be aligned to provide for a flush and smooth finished surface.

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FAX: (716) 651-0382

22-110

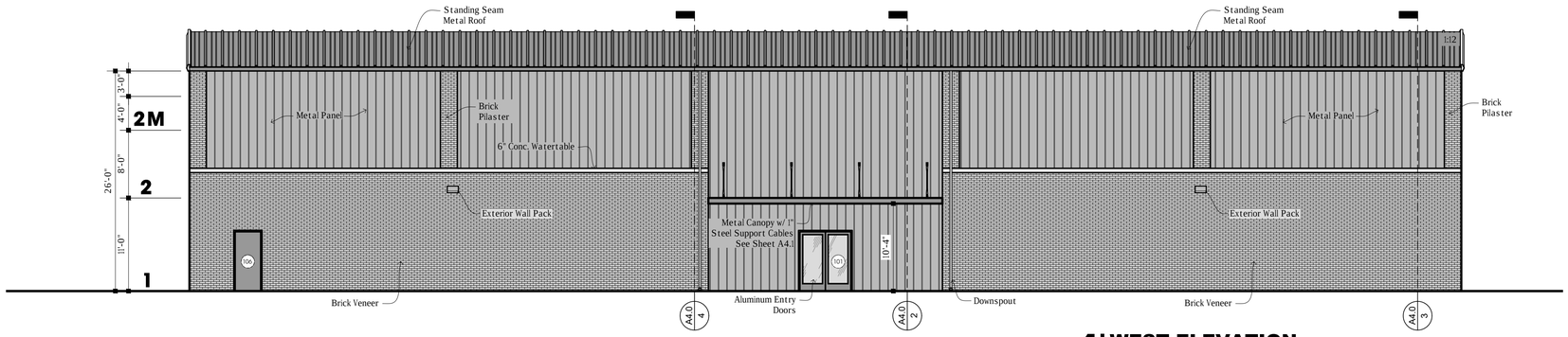
STORE SPACE
STORAGE CAP ELON, LP
L070
931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

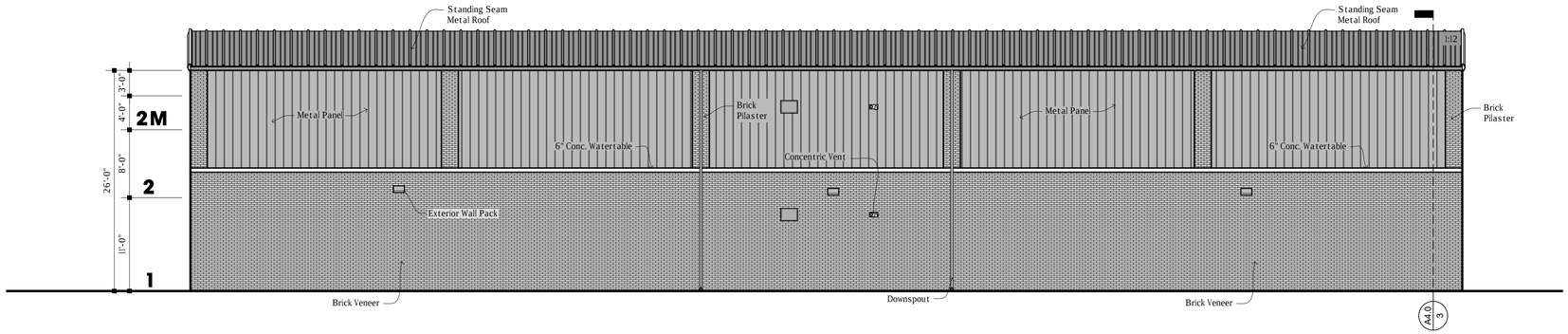
DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

UPPER LOCKER PLAN

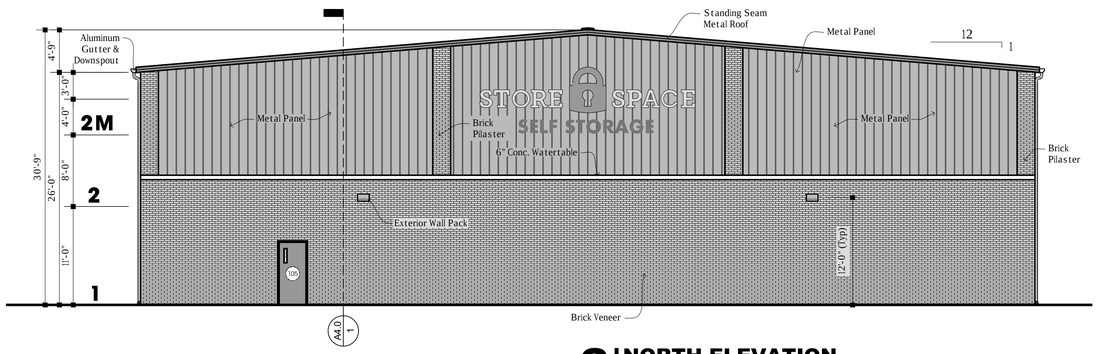
A1.2



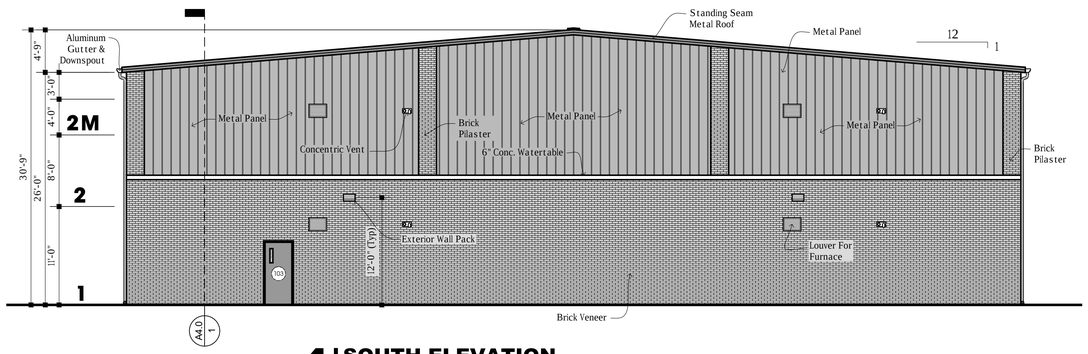
1 WEST ELEVATION
1/8"=1'-0"



2 EAST ELEVATION
1/8"=1'-0"



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



4 SOUTH ELEVATION
1/8"=1'-0"

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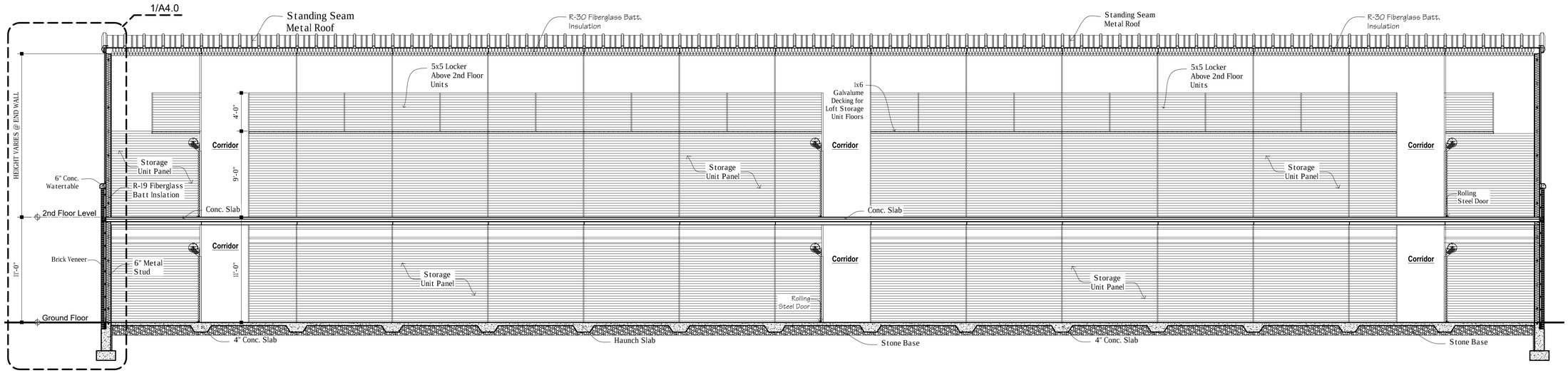
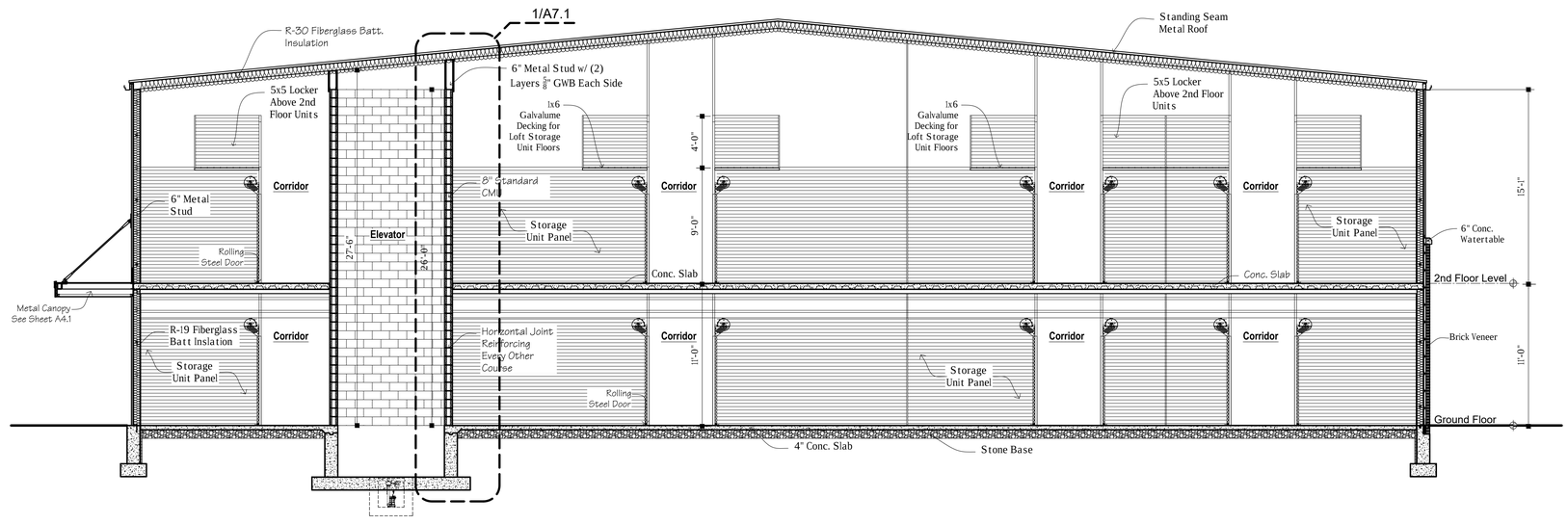
SCALE: 1/8"= 1'-0"

ELEVATIONS

A2.0



1 BUILDING SECTION
3/16"=1'-0"



2 BUILDING SECTION
3/16"=1'-0"

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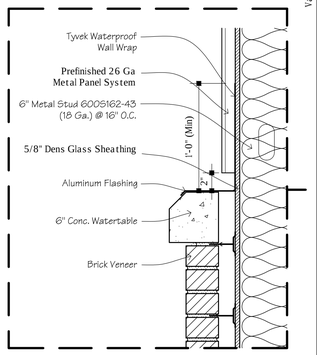
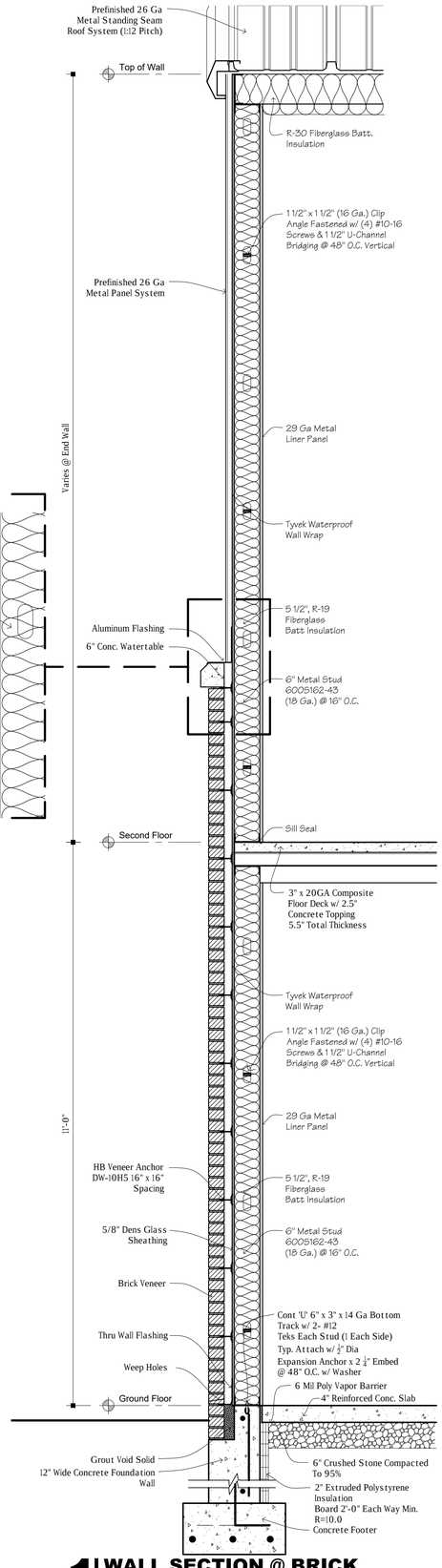
SCALE: 1/8"= 1'-0"

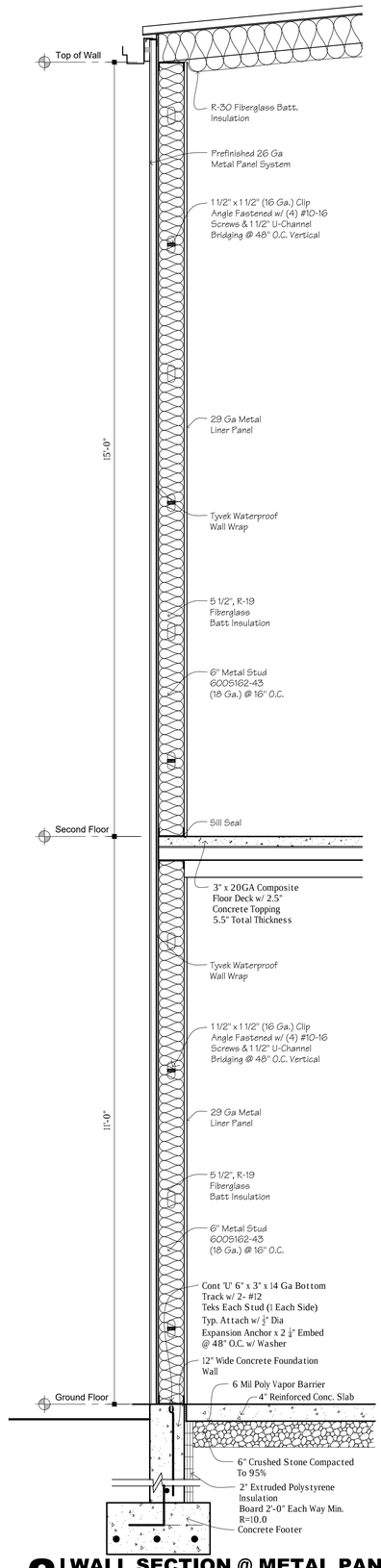
BUILDING SECTIONS

A3.0

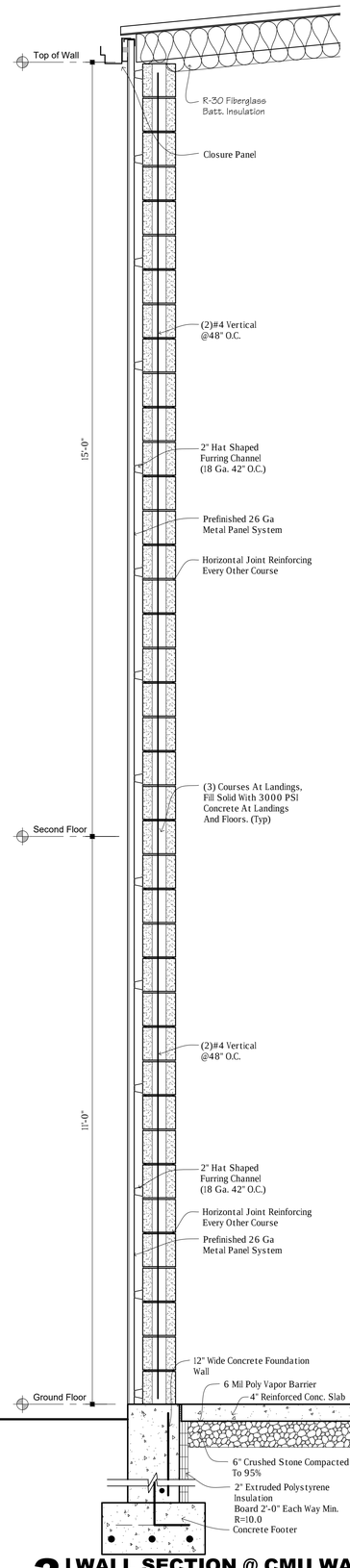




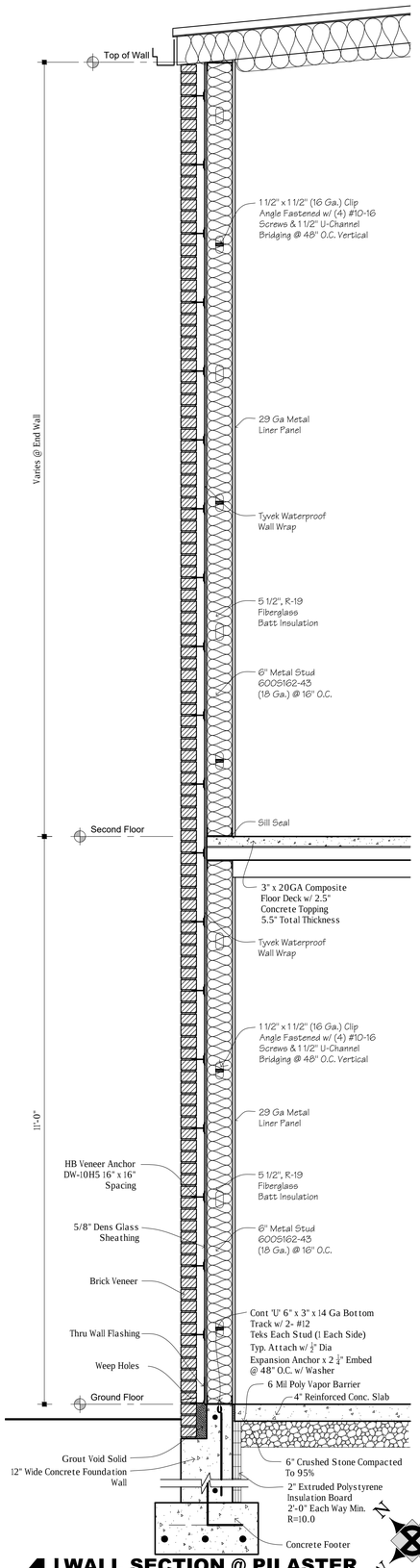
1 WALL SECTION @ BRICK
3/4"=1'-0"



2 WALL SECTION @ METAL PANEL
3/4"=1'-0"



3 WALL SECTION @ CMU WALL
3/4"=1'-0"



4 WALL SECTION @ PILASTER
1/8"=1'-0"

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22-110

STORE SPACE

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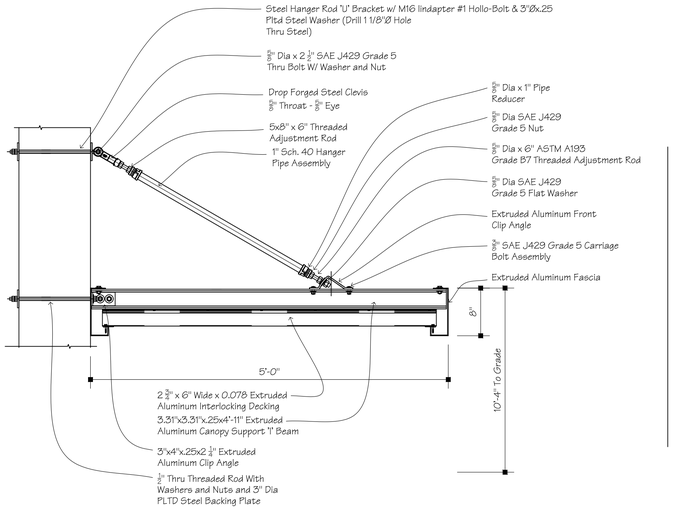
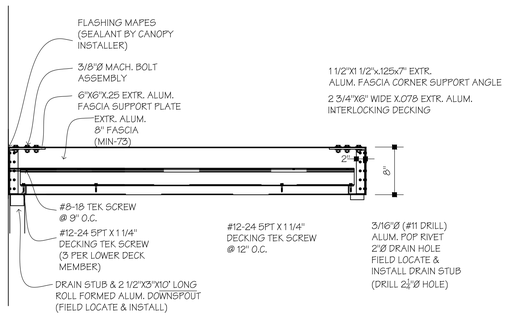
SCALE: 1/8"= 1'-0"

WALL SECTIONS

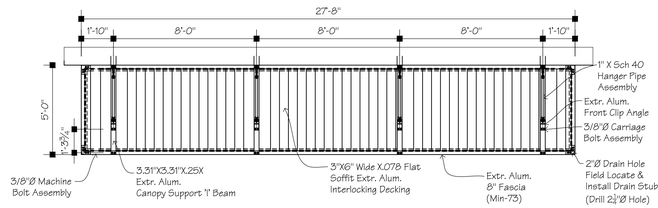
A4.0



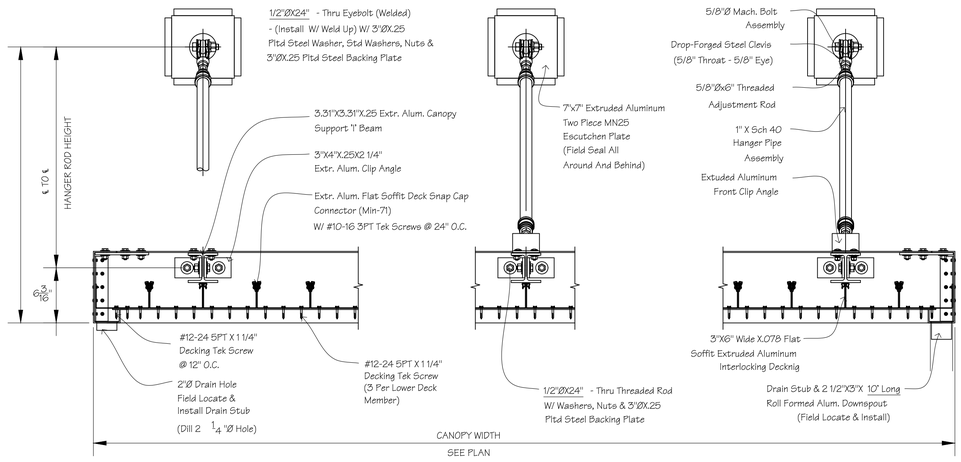
1 CANOPY SECTION
1 1/2"=1'-0"



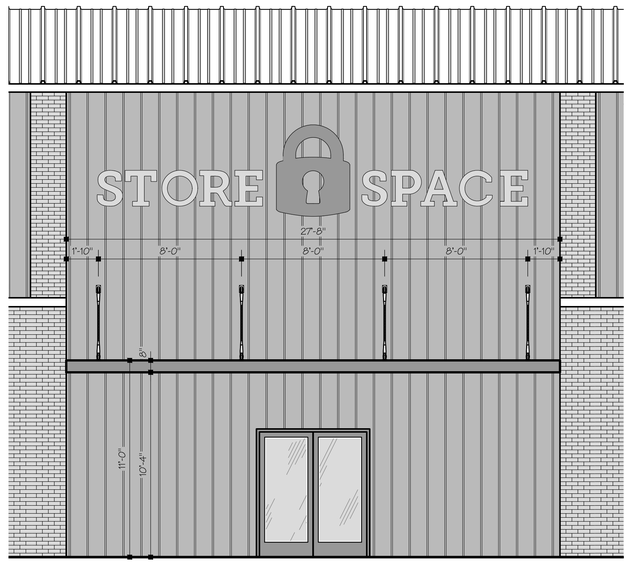
2 SECTION DETAIL
3"=1'-0"



4 CANOPY PLAN-ENTRANCE
3/8"=1'-0"



3 SECTION DETAIL
3"=1'-0"



5 ELEVATION-ENTRANCE
1/4"=1'-0"

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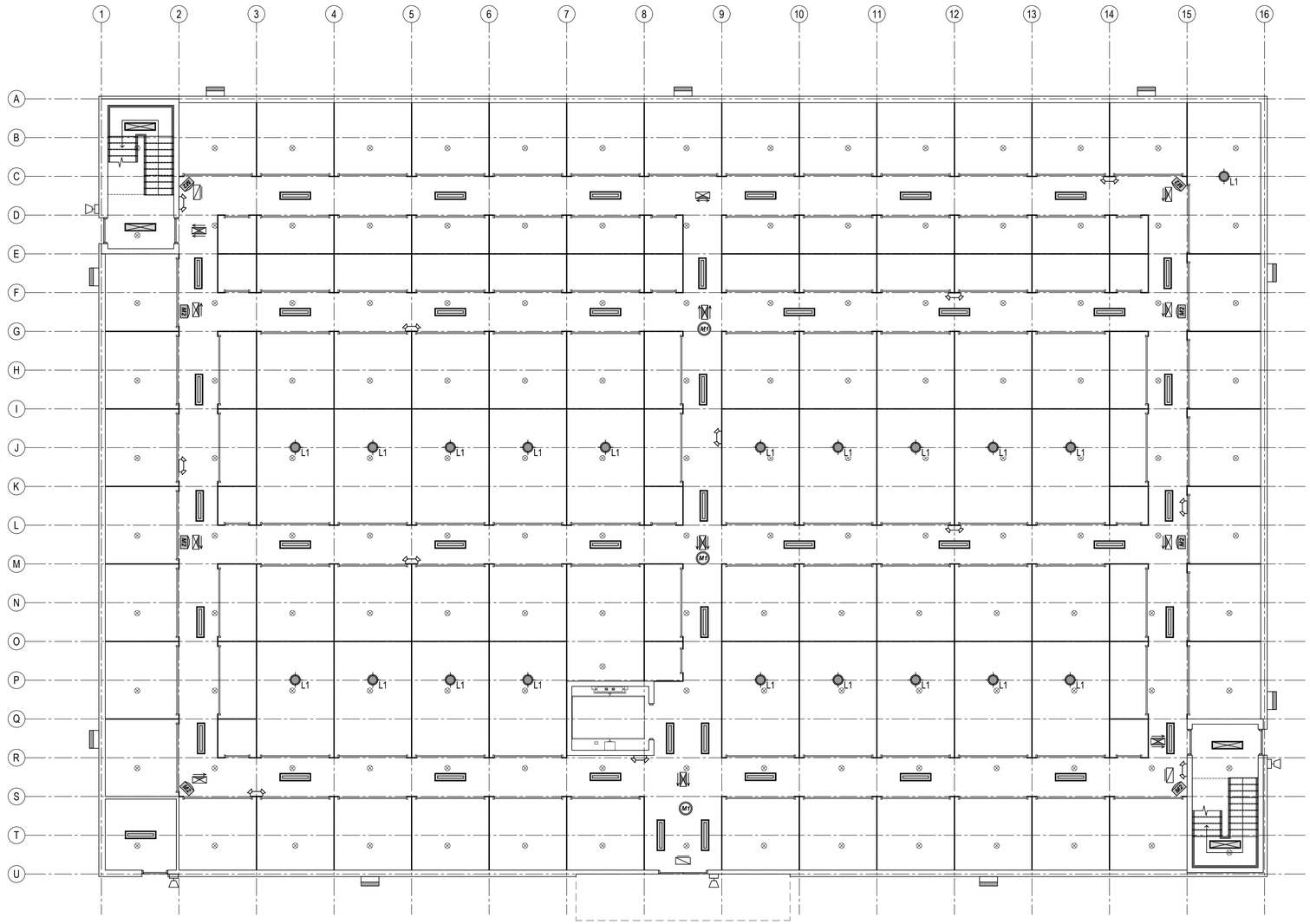
SCALE: 1/8"= 1'-0"

CANOPY DETAILS

A4.1



1 FIRST FLOOR RCP
1/8"=1'-0"

LEGEND

- Surface Mounted LED Light Fixture
- Surface Mounted LED Light Fixture
- Surface Mounted LED Light Fixture
- Exit Light w/ Battery Back-Up
- Emergency Light w/ Battery Back-Up
- Exterior Emergency Light
- M1 — 360 Deg- Motion Sensor
- M2 — 115 Deg- Motion Sensor
- Sprinkler Head
- Exterior Wall Pack

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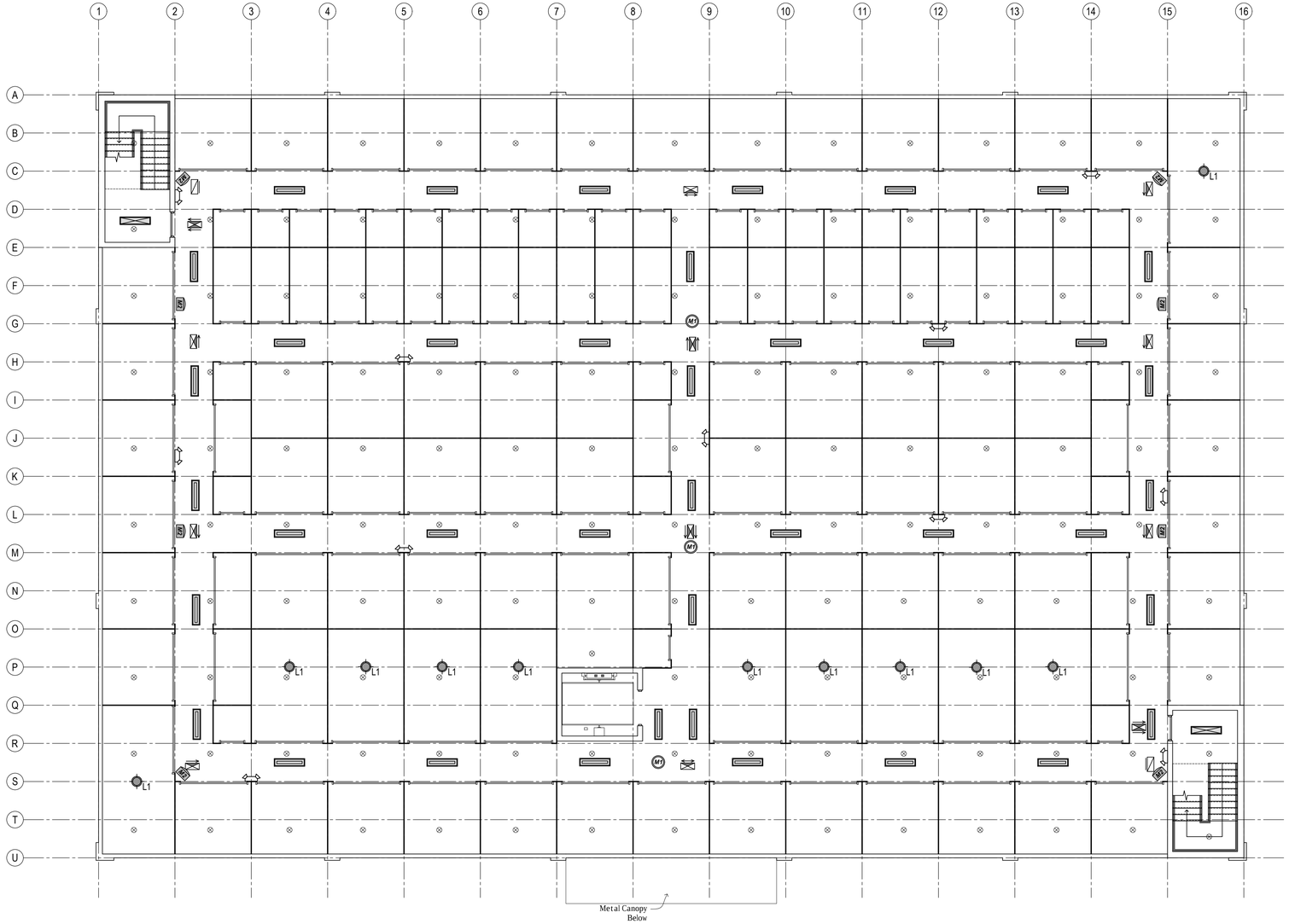
FIRST FLOOR RCP

A5.0



1 SECOND FLOOR RCP
1/8"=1'-0"

LEGEND

- Surface Mounted LED Light Fixture
- Surface Mounted LED Light Fixture
- Surface Mounted LED Light Fixture
- Exit Light w/ Battery Back-Up
- Emergency Light w/ Battery Back-Up
- Exterior Emergency Light
- M1 360 Deg- Motion Sensor
- M2 115 Deg- Motion Sensor
- Sprinkler Head
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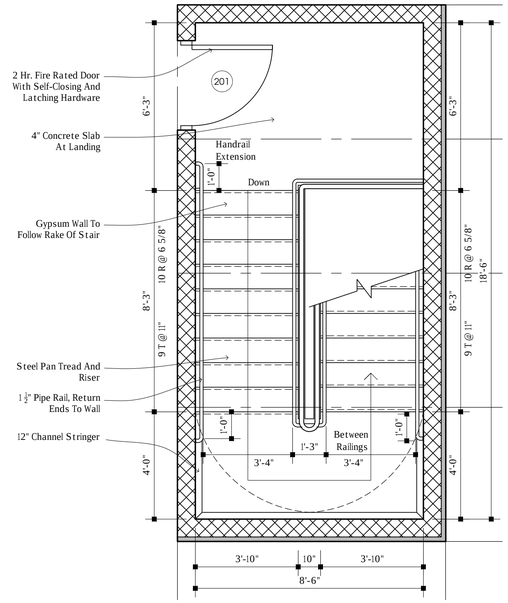
SCALE: 1/8"= 1'-0"

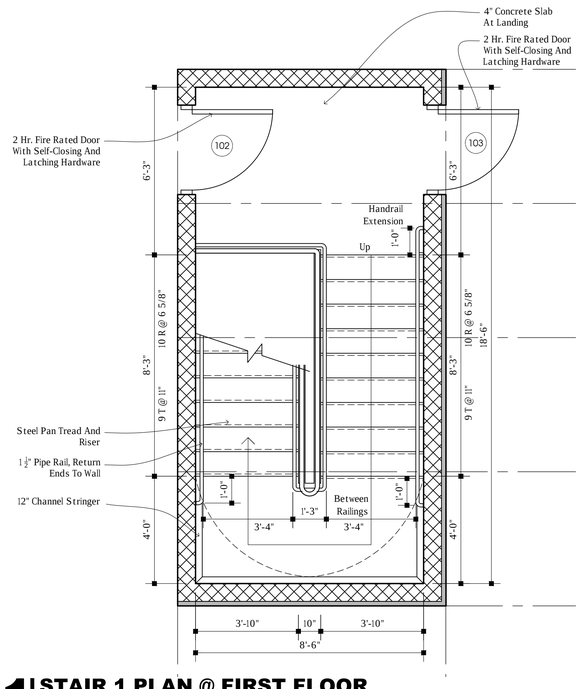
SECOND FLOOR RCP

A5.1



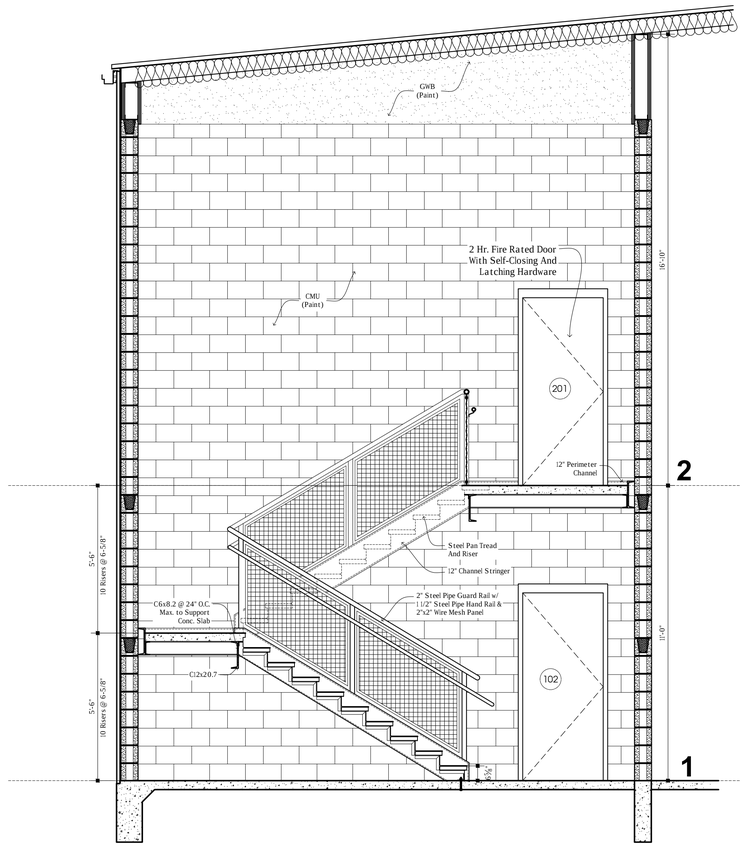
2 STAIR 1 PLAN @ SECOND FLOOR

3/8"=1'-0"



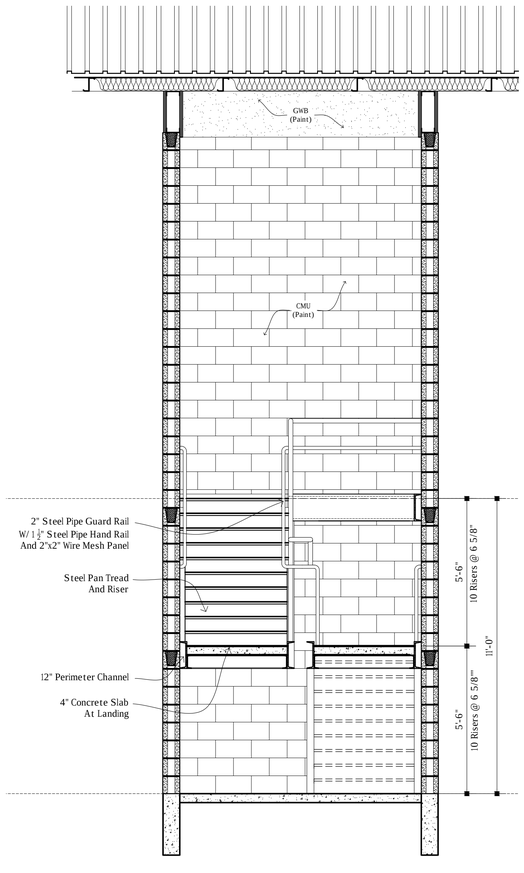
1 STAIR 1 PLAN @ FIRST FLOOR

3/8"=1'-0"



3 STAIR 1 SECTION

3/8"=1'-0"



4 STAIR 1 SECTION

3/8"=1'-0"

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STORE SPACE

STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

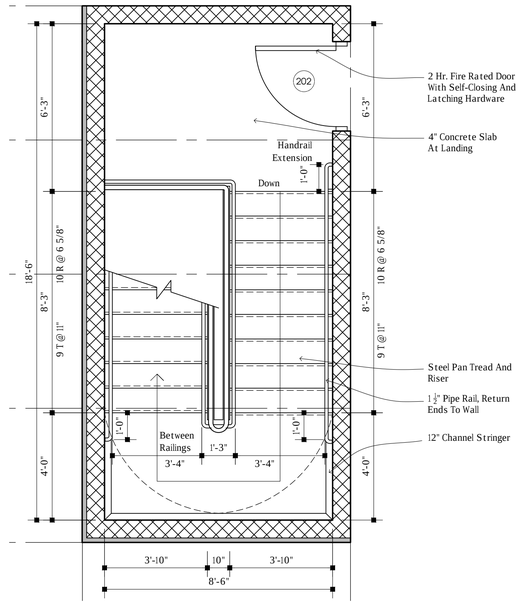
DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

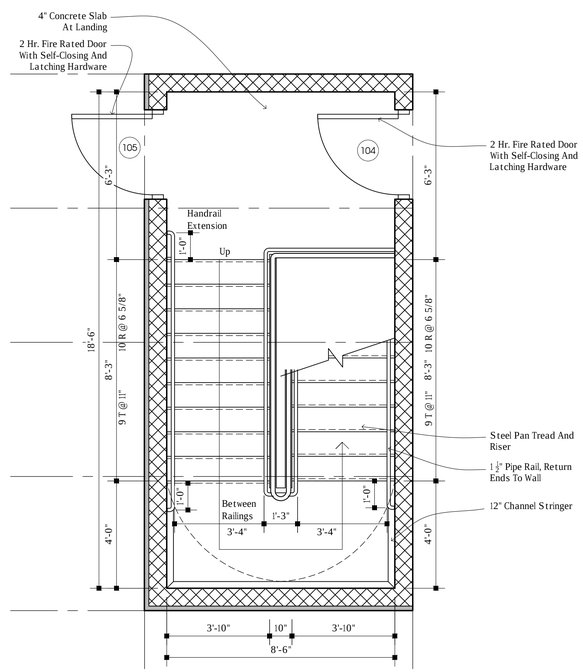
SCALE: 3/8"= 1'-0"

STAIR 1 PLANS

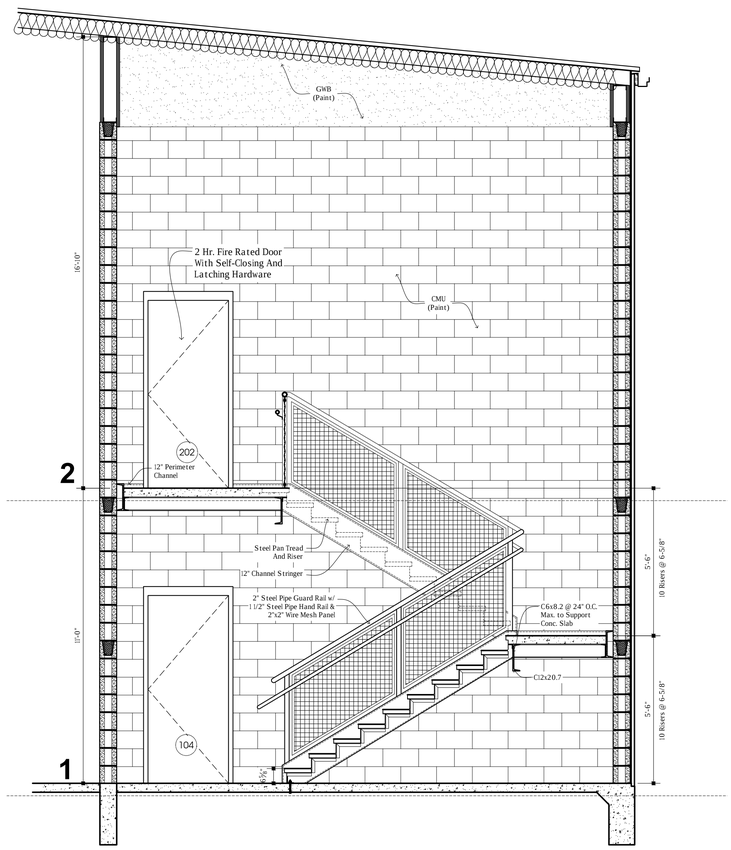
A6.0



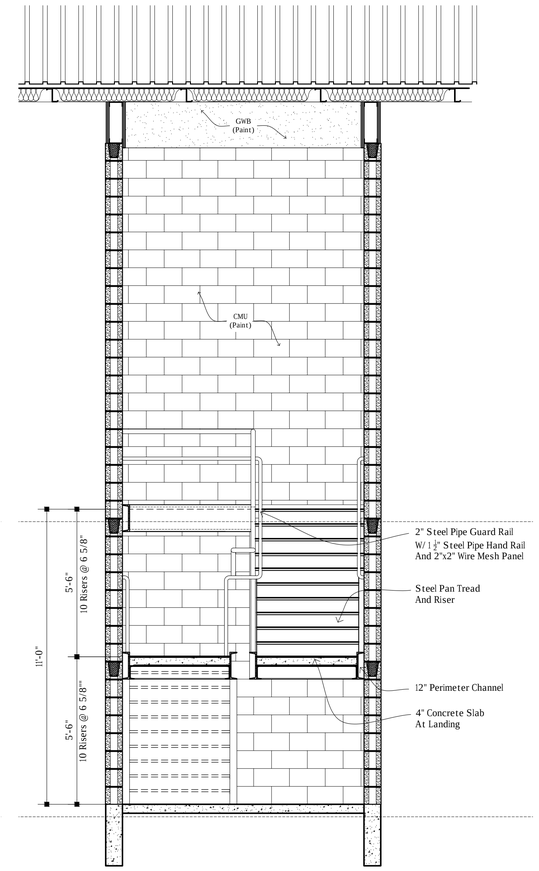
2 STAIR 1 PLAN @ SECOND FLOOR
3/8"=1'-0"



1 STAIR 1 PLAN @ FIRST FLOOR
3/8"=1'-0"



3 STAIR 1 SECTION
3/8"=1'-0"



4 STAIR 1 SECTION
3/8"=1'-0"

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DATE: 3-17-2023

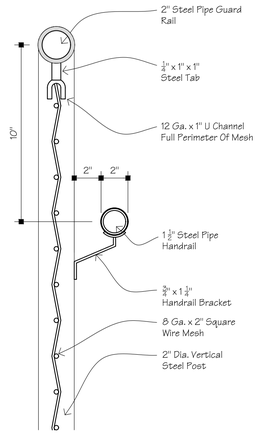
DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

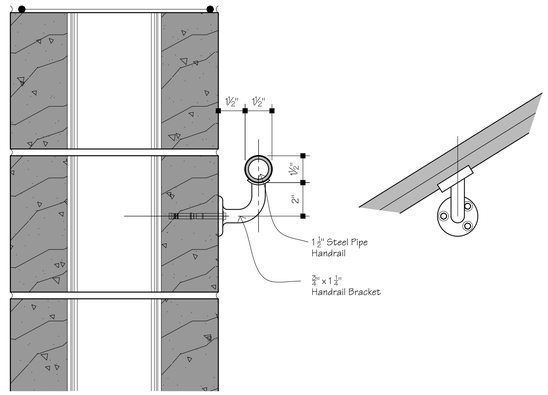
SCALE: 3/8"= 1'-0"

STAIR 2 PLANS

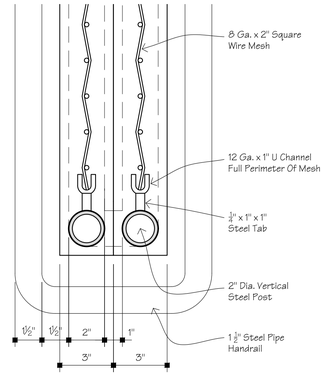
A6.1



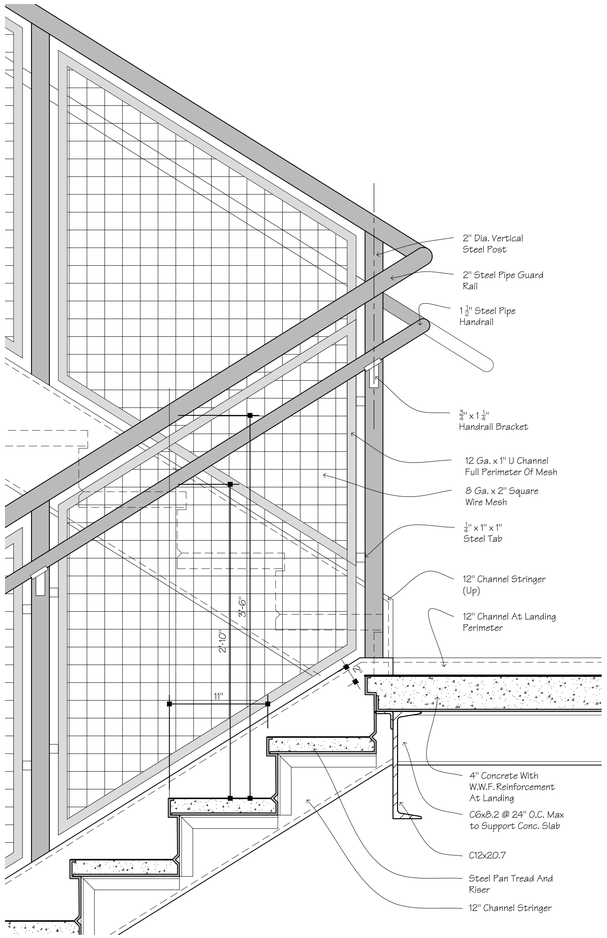
1 HANDRAIL DETAIL
3"=1'-0"



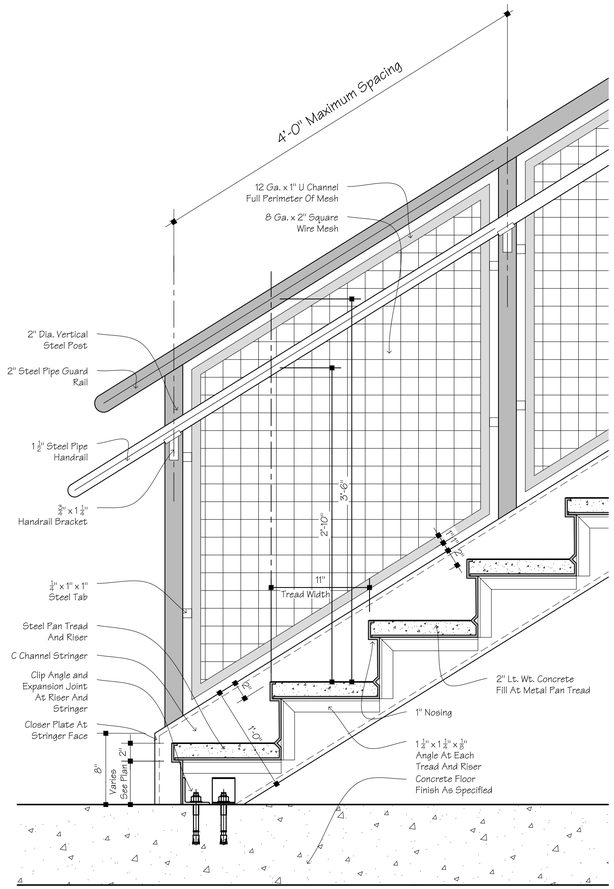
2 HANDRAIL DETAIL @ WALL
3"=1'-0"



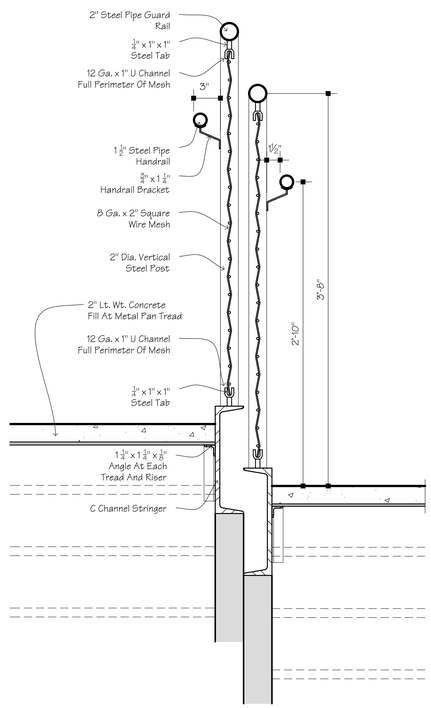
3 HANDRAIL @ LANDING
1 1/2"=1'-0"



4 LANDING DETAIL
1 1/2"=1'-0"



5 BASE DETAIL
1 1/2"=1'-0"



6 STAIR & RAILING DETAIL
1 1/2"=1'-0"

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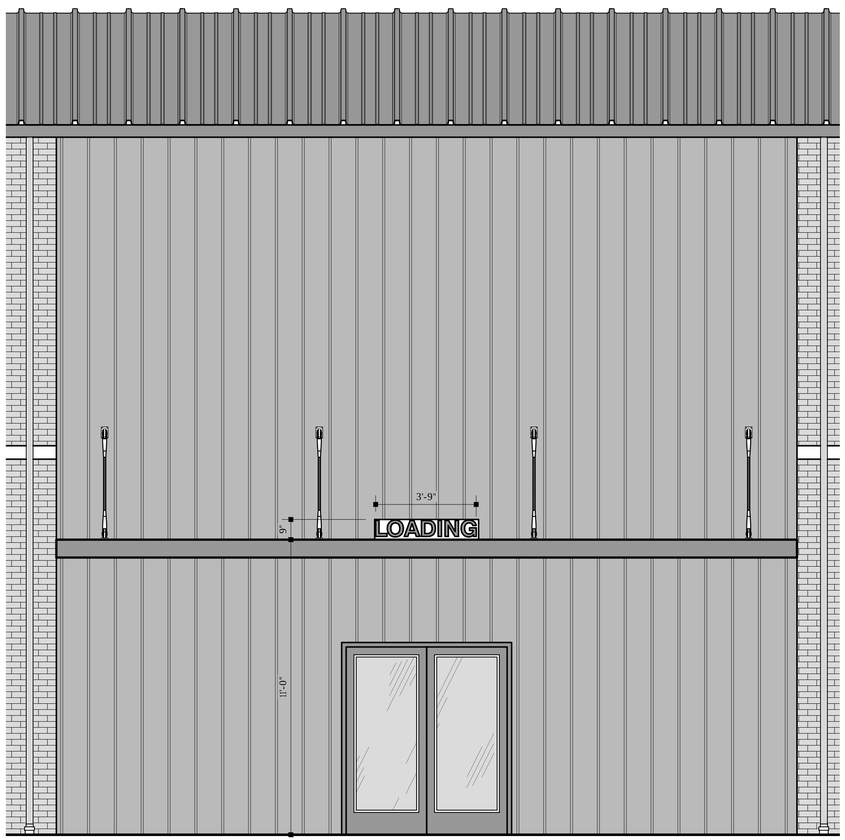
No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: AS Noted

STAIR DETAILS

A6.2

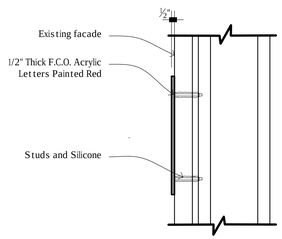
1 SIGN ELEVATION
1/2"=1'-0"



2 SIGN @ WEST ELEVATION
3/8"=1'-0"

3 SIGN @ NORTH ELEVATION
3/8"=1'-0"

4 LOADING SIGN ELEVATION
3/4"=1'-0"



5 SECTION @ F.C.O. LETTERS
1"=1'-0"

Note:
Owners Sign Contractor (National Sign) Shall Furnish & Install The Exterior Signs Shown Here

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

EXTERIOR SIGNAGE

A6.3

IMPACT LOADS					
VERTICAL LOADS AT PIT (BUFFER IMPACT)		VERTICAL LOADS AT PIT UNDER GUIDE RAILS (INCLUDING IMPACT LOAD DUE TO SAFETIES APPLICATION, GOVERNOR LOAD AND EQUIPMENT ON RAILS)			
F9	F10	F8	F16	F17	F18
19244 LBF [85.6 KN]	12331 LBF [127.4 KN]	10860 LBF [48.3 KN]	14561 LBF [64.8 KN]	3422 LBF [15.2 KN]	3422 LBF [15.2 KN]

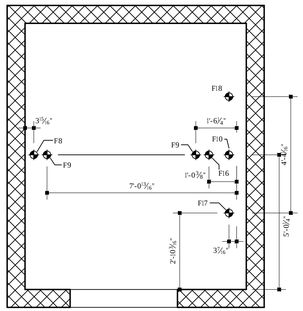
CAR RAIL LOADS			
NON-SEISMIC		SEISMIC	
F	P	F	P
270 LBF [1200 N]	119 LBF [528 N]	639 LBF [2842 N]	320 LBF [1421 N]

CWT-RAIL LOADS			
NON-SEISMIC		SEISMIC	
F	P	F	P
30 LBF [134 N]	6 LBF [28 N]	691 LBF [3073 N]	346 LBF [1536 N]

STATIC RAIL LOADS FROM EQUIPMENT SUPPORTED			
F8	F16	F17	F18
4172 LBF [18.6 KN]	7406 LBF [32.9 KN]	2132 LBF [9.5 KN]	2132 LBF [9.5 KN]

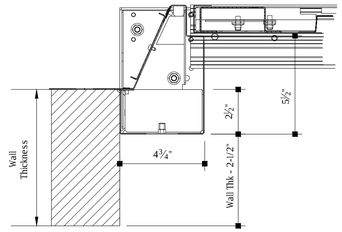
NOTE: F9 & F10 Do not occur simultaneously with F8 & F16

Rail Load Diagram

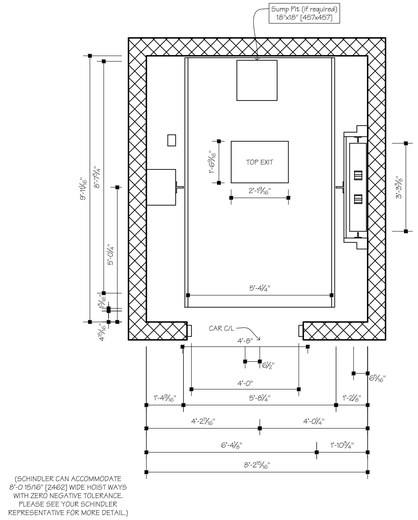


Load Points

1 LOAD POINTS
3/8"=1'-0"

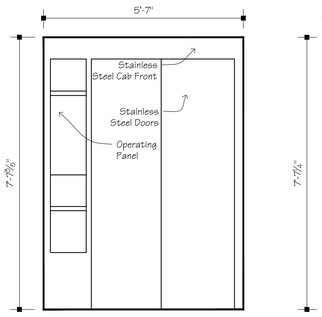


2 JAMB DETAIL
3"=1'-0"

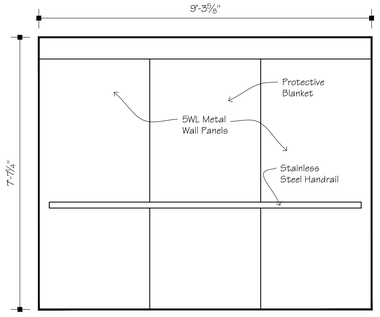


(SCHINDLER CAN ACCOMMODATE 8'-0 15/16" [2462] WIDE HOIST WAYS WITH ZERO NEGATIVE TOLERANCE. PLEASE SEE YOUR SCHINDLER REPRESENTATIVE FOR MORE DETAIL.)

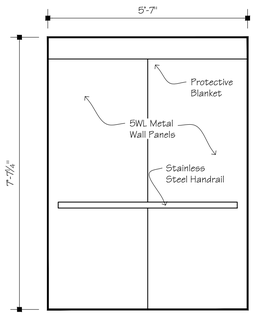
3 ELEVATOR SHAFT DETAIL
3/8"=1'-0"



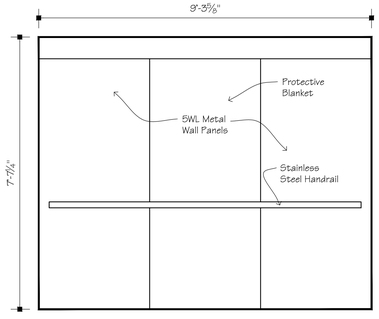
4 CAB FRONT WALL
1/2"=1'-0"



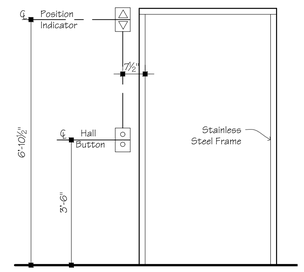
5 CAB LEFT WALL
1/2"=1'-0"



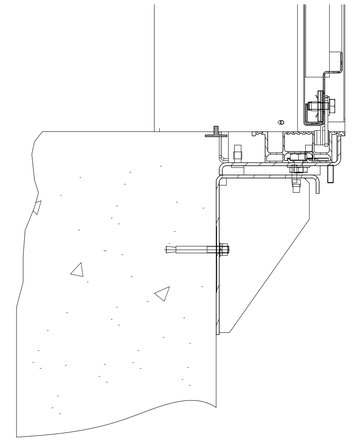
6 CAB RIGHT WALL
1/2"=1'-0"



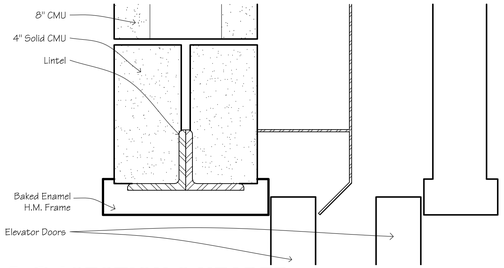
7 CAB REAR WALL
1/2"=1'-0"



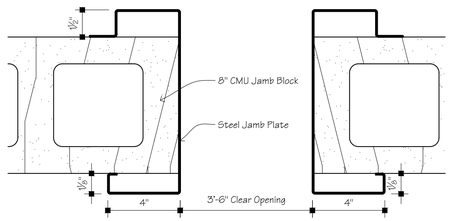
8 ELEVATOR ELEVATION
1/2"=1'-0"



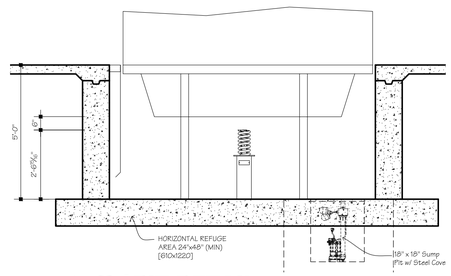
9 SILL DETAIL
3/4"=1'-0"



10 SECTION @ HEADER
3"=1'-0"



11 SECTION @ JAMB
3"=1'-0"



12 PIT DETAIL
3/8"=1'-0"

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STORE SPACE
STORAGE CAP ELON, LP
L070
931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

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

ELEVATOR PLAN

A7.0

ELEVATOR SPECIFICATION

f. Stopping Accuracy: ±5mm

g. Starts per hour (maximum): 180

E. Elevator Operation:

a. Simplex Collective Operation: Using a microprocessor based controller, operation shall be automatic by means of the car and hall buttons. When all calls have been answered, the car shall park at the last landing served.

b. Group Automatic Operation with Demand-Based Dispatching: Provide reprogrammable group automatic system that assigns cars to hall calls based on a dispatching algorithm designed to minimize passenger waiting time.

F. Operating Features - Standard:

a. Door Light Curtain Protection

b. Static AC Drive

c. Phase Monitor Relay

d. Cab Overload with Indicator

e. Load-weighing

f. Central Alarm

g. Remote Monitoring

h. Firefighter's Operation

i. Automatic Evacuation

I. When the main line power is lost for longer than 5 seconds the emergency battery power supply provides power automatically to the elevator controller. If the car is at a floor when the power fails, it remains at that floor, opens its doors, and shuts down. If the car is between floors, it is raised or lowered to the first available landing, opens it doors, and shuts down.

j. Independent Service

G. Operating Features - Optional:

2.2 EQUIPMENT: CONTROL COMPONENTS AND CONTROL SPACE

A. Controller: Provide microprocessor based control system to perform all of the functions of safe elevator operation, as well as perform car and group operational control.

a. All high voltage (110v or above) contact points inside the inspection and test panel shall be protected from accidental contact in a situation where the access panels are open.

b. The controller shall be distributed throughout the elevator system located in the overhead, cab and inspection and test panel. The inverter will be mounted in the overhead adjacent to the hoist machine and an inspection and test panel will be located in the door jamb at the top floor or one floor below the top floor. No elevator equipment mechanical rooms or closets are required.

c. Provide multi-bus control architecture to reduce cabling, material and waste.

B. Drive: Provide a Variable Voltage Variable Frequency AC Closed Loop drive system. Provide stable start without high peak current, quickly reaching a low energy consumption level.

C. Inspection and Test Panel: Integrated control equipment, main inspection and test panel in door frame at top level served or at one floor below the top level served.

g. Ceiling: Canopy ceiling, finished in #4 Stainless Steel With Down Lit Led Lighting. Provide lighting consisting of four compact fluorescent energy saving lights located in two semi-oval lateral cutouts located on the center-sides of the cab ceiling, Lexan lens cover.

h. Handrail: Round Bushed Stainless Steel - Return End. Locate on Rear & Side Walls.

i. Flooring: By others. Not to exceed 3/8" finished depth.

j. Ventilation: Provide one-speed fan in canopy.

k. Emergency Car Lighting: Provide an emergency power unit employing a 12 volt sealed rechargeable battery and static circuits to illuminate the elevator car and provide current to the alarm bell in the event of building power failure.

l. Emergency Siren: Provide siren mounted on top of the car that is activated when the Alarm button in the car operating panel is engaged.

m. Emergency Exit Switch: Provide an electrical contact to open the safety circuit when the emergency car top exit is opened. When the exit door is opened, the top exit switch shall signal the control and the car will be unable to move.

n. Emergency Exit Lock: Provide an emergency exit lock where required by local code.

o. Emergency Exit Guard: Provide emergency exit guard on top of car when required for hoistway wall to platform clearance exceeds 12" or for multiple cars in hoistway.

2.6 DOOR OPERATOR AND REOPENING DEVICES

A. Door Operator: Provide a closed loop VVVF high performance door operator with frequency controlled drive for fast and reliable operation to open and close the car and hoistway doors simultaneously.

B. In case of interruption or failure of electric power, the doors can be readily opened by hand from within the car, in accordance with applicable code. Provide emergency devices and keys for opening doors from the landing as required by local code.

C. Doors shall open automatically when the car has arrived at or is leveling at the respective landings. Doors shall close after a predetermined time interval or immediately upon pressing of a car button. Provide door open button in the car operating panel. Momentary pressing of this button shall reopen the doors and reset the time interval.

D. Provide door hangers and tracks for each car and hoistway door. Contour tracks to match the hanger sheaves. Design hangers for power operation with provisions for vertical and lateral adjustment. Hanger sheaves shall have polyurethane tires and pre-lubricated sealed for life bearings.

E. Electronic Door Safety Device: Equip car doors with concealed transmitter and receiver infrared beam devices to detect presence of object in process of passing through hoistway entrance and car doorway (light curtain device).

a. Use multi-beam scanning without moving parts to detect obstructions in door opening.

b. Detector Device: Prevent doors from closing, or if they have already started closing, cause doors to reopen and remain open while object is within detection zone.

c. Horizontal Beams: Minimum of 33 infra red beams to fill doorway from ground level to a height of 6 feet.

2.7 EQUIPMENT: SIGNAL DEVICES AND FIXTURES

C. Inspection and Test Panel: Integrated control equipment, main inspection and test panel in door frame at top level served or at one floor below the top level served.

2.3 EQUIPMENT: HOISTWAY COMPONENTS

A. Machine:

a. Gearless asynchronous AC motor with integral drive sheave, service and emergency brakes.

b. Design machine to enable direct power transfer, thereby avoiding loss of power.

c. Design machine to be compact, lightweight and durable to optimize material usage and save space.

d. Mount to structural support channels on top of guide rail system as applicable in hoistway overhead.

B. Governor:

a. Tension type over-speed governor with remote manual reset.

b. Mount to structural support channels as applicable in hoistway overhead.

C. Buffers, Car and Counterweight: Compression spring type buffers to meet code.

D. Hoistway Operating Devices:

a. Emergency Stop switch in the pit.

b. Terminal stopping switches.

c. Emergency stop switch on the machine.

E. Positioning System: System consisting of proximity sensors and door zone vanes.

Guide Rails and Attachments: Provide Tee-section steel rails with brackets and fasteners. Side counterweight arrangements shall have a dual purpose bracket that combines both counterweight guide rails, and one of the car guide rails to building fastening.

F. Suspension System: Non circular Elastomeric coated suspension media with high tensile grade steel cords.

G. Governor rope: Steel wire rope with 6 mm diameter.

2.4 EQUIPMENT: HOISTWAY ENTRANCES

A. Hoistway Doors and Frames:

a. UL rated with required fire rating.

b. Doors: Rigid flush panel construction with reinforcement ribs.

c. Frames: Securely fasten at corners to form unit frame. Frames shall be bolted.

B. Finish:

a. Exposed Areas of Corridor Frames: Stainless Steel - All Floors

b. Exposed Areas of Corridor Frames: Stainless Steel - All Floors

c. Exposed Areas of Corridor Frames:

A. Car Operating Panel: Provide a car operating panel with all push buttons, key switches and message indicators for elevator operation.

a. Full height car operating panel shall be surface-mounted on front return.

b. Comply with handicap requirements.

c. Push Buttons: Mechanical, illuminating using long-lasting LEDs for each floor served.

d. Emergency Buttons: Provide in accordance with code. Emergency alarm button, door open and door close buttons.

B. Features of the Car Operating Panel Shall Include:

a. Audible chime to signal that the car is either stopping at or passing a floor served by the elevator.

b. Raised markings and Braille provided to the left hand side of each push button.

c. Car Lantern: Provide LED illuminated car lantern with direction arrows to comply with local code when hall lanterns are not provided.

d. Door open and close push buttons.

e. Firefighter's hat and Phase 2 Key-switch

f. Inspection key-switch.

g. Key-switch for optional Independent Service Operation

h. Illuminated alarm button with raised marking.

i. Elevator Data Plate marked with elevator capacity and car number.

j. Help Button: Activation of help button will initiate two-way communication between car and a location inside the building, switching over to alternate location if call is unanswered, where personnel are available to take the appropriate action. Visual indicators are provided for call initiation and call acknowledgement.

k. Certificate Frame.

C. Hall Fixtures: Provide hall fixtures with necessary push buttons and key switches for elevator operation.

a. Push buttons: Metallic tactile push buttons, up button and down button at intermediate floors, single button at each terminal floor.

b. Height: Comply with handicap requirements.

c. Illumination: Illuminating using long-lasting low power LEDs.

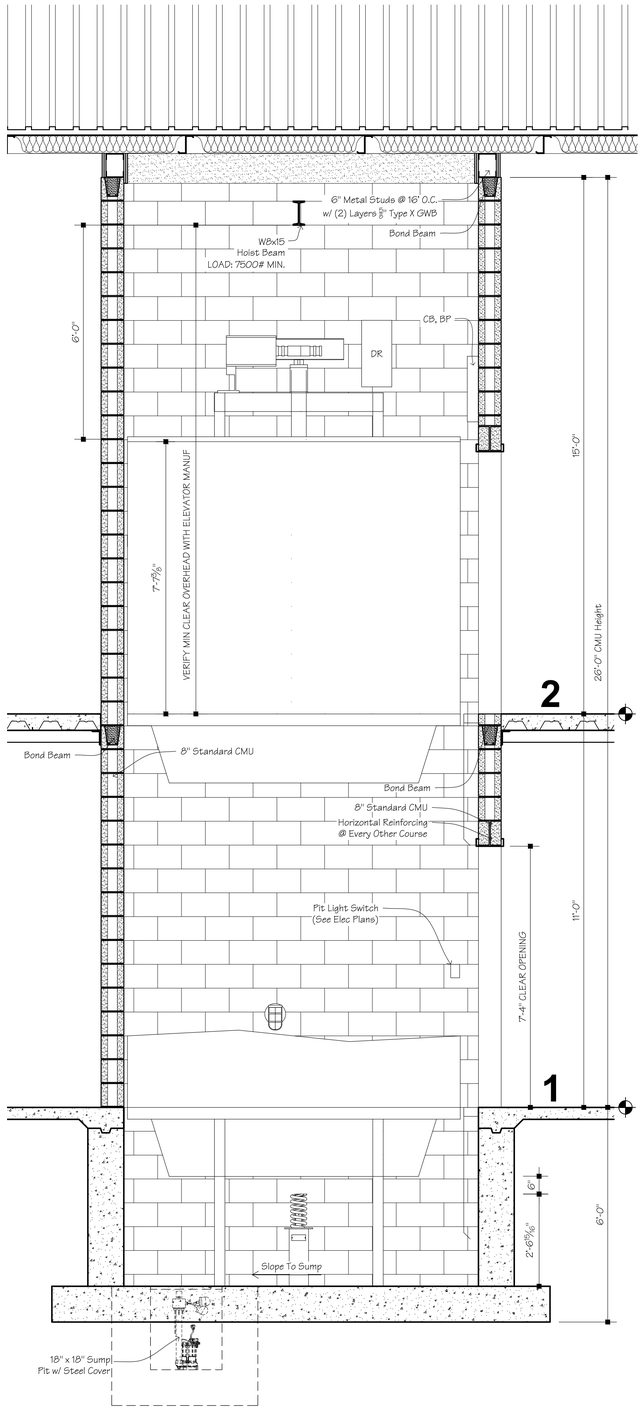
D. Hall Lanterns and Position Indicators.

a. LED illuminated direction arrows with audible and visible call acknowledgement.

E. Hoistway access switches: Provide key-switch at top and/or bottom floor in entrance jamb as required by local code.

F. Firefighter's Phase 1 Service: Key switch in brushed stainless steel cover plate.

G. Fixture Cover Plates: For push buttons, hall lanterns and position indicators, resistant white back-printed glass, no screws required for mounting. Provide stainless steel cover plates for Firefighter's Phase I switch and hoistway access switches, with tamper resistant screws in same finish.



1 ELEVATOR SECTION

1/2"=1'-0"

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STORE SPACE
STORAGE CAP ELON, LP
L070

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Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

DRAWN BY: M. Kasperek
CHECKED BY: M. Dean

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

ELEVATOR SECTION

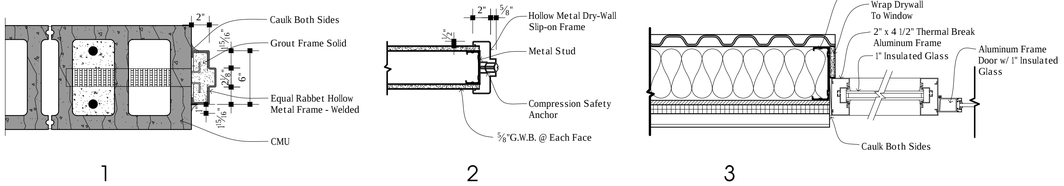
A7.1

DOOR SCHEDULE

No.	OPENING TO	OPENING FROM	Door TYPE	Door # OF LEAVES	Door WIDTH	Door HEIGHT	Door MATERIAL	Door FINISH	Door FIRE RATING	Frame TYPE	Frame MAT	Frame FIN	HARDWARE GROUP	REMARKS
FIRST FLOOR														
101	Exterior	Corridor	B	2	3'-0"	7'-0"	AL	PF		1	AL	PF	1	PTI Keypad
102	Stair	Corridor	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	3	
103	Exterior	Stair	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	2	
104	Stair	Corridor	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	3	
105	Exterior	Stair	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	2	
106	Exterior	Mech Room	D	1	3'-0"	7'-0"	HM	PT		3	HM	PT	4	
SECOND FLOOR														
201	Stair 1	Corridor	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	3	
202	Stair 2	Corridor	A	1	3'-0"	7'-0"	HM	PT	B	2	HM	PT	3	

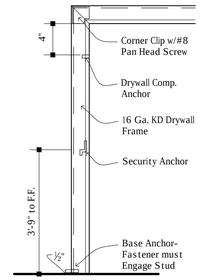
HARDWARE GROUPS

1	2	3	4
Exterior Entrance (Access Control)	**Exterior Fire Exit (Single)**	**Interior Fire Exit**	**Mech. Access (Single)**
Hinge: Hager 780 Continuous Hinge	Hinge: Hager 780 Continuous Hinge	Hinge: Hager BB1168 4 ½ x 4 ½ (1 ½ pr)	Hinge: Hager 780 Continuous Hinge
Panic: Von Duprin EL 98F 996L LAT F 3' US26D	Panic: Von Duprin 98-NL-F 03 US26D	Panic: Von Duprin 98-NL-F 03 US26D	Panic: Von Duprin 98-NL-F 03 US26D
Closer: LCN 4040XP MC HCUSH US26D	Closer: LCN 4040XP MC US26D HCUSH	Closer: LCN 4040XP MC US26D HCUSH	Closer: LCN 4040XP MC US26D HCUSH
Weatherstrip: Provided by Door Mfg.	Threshold: Zero 6" Alum. (ADA Compliant)	Stop: Glynn-Johnson FB19X	Threshold: Zero 6" Alum. (ADA Compliant)
Threshold: Zero 6" Alum. (ADA Compliant)	Weatherstrip: NPG 700N		
Door Sweep: Hager 754S Door Sweep	Door Sweep: Hager 754S Door Sweep		
Coordinate with access control system, provide low-voltage wiring and transformers as necessary			

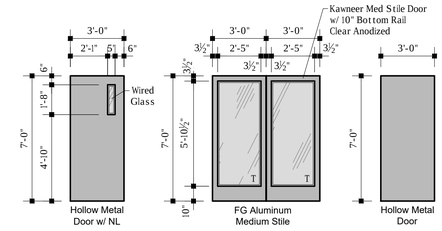


1 2 3

4 DOOR JAMB DETAIL
1 1/2"=1'-0"

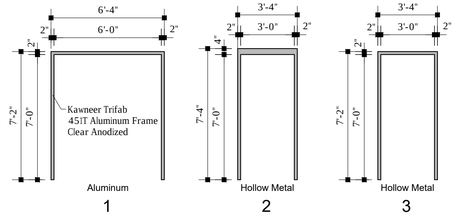


3 FRAME DETAIL
1 1/2"=1'-0"



A B C

1 DOOR TYPES
1/4"=1'-0"



1 2 3

2 FRAME TYPES
1/4"=1'-0"

DOOR NOTES

1. Dimensions given on plans and schedules are nominal. General contractor and manufacturers to coordinate all dimensions in field concerning frames and rough openings prior to fabrication and construction.
2. The hardware model numbers provided in door schedule refer to a single manufacturer listed at the end of each column unless noted otherwise. See specifications for alternate hardware manufacturers.
3. All metal doors are 1 ¾" thick unless otherwise noted.
4. All hollow metal doors and frames shall comply with the Steel Door Institute "Recommended specifications Standard-Steel Doors and Frames" (SD-100)
5. All glazing to comply with Glazed Panel Safety Standard and code requirements.
6. Provide tempered glass as required to comply with code requirements and as indicated by a "T" on the drawings.
7. All hollow metal frames at interior shall be knock down type frame & exterior to be of welded construction, all frame corners shall be mitered, welded and ground smooth.
8. All hollow metal doors and frames shall be of cold rolled steel furnished with a factory coat of prime paint. Wipe coat galvanized steel will not be accepted.
9. When temperature conditions necessitate the use of anti-freezing agents in plaster or mortar, or the frames are to be fully grouted, the inside of the frame shall be coated with a corrosion resistant coating by the contractor responsible for installation. Grout for steel frames shall be mixed to a thick consistency to avoid causing corrosion due to excess water.
10. Frames set in masonry openings shall be provided with masonry tee anchors and shall have an anchor for each 30 inches of jamb height or fastened there with a minimum of three anchors per jamb.
11. Provide a 26 gauge steel plaster guard or mortar boxes welded to a frame and back of finish hardware cutouts where mortar or other materials might obstruct hardware operation, and to close off interior of openings.
12. Install rubber silencers before frame erection to avoid grout filling rubber silencer holes.
13. Provide rated frames at rated doors. Door frames and hardware shall have same rating as door hung within them. Provide label as required.
14. In labeled openings all door and frame hardware and anchors must be UL approved.
15. Where fire-rated door assemblies are indicated or required provide fire-rated door and frame assemblies that comply with NFPA-80 standard for fire doors and windows, and have been tested, listed and labeled in accordance with ASTM-E-152 standard methods of fire tests of door assemblies.
16. At stairwell enclosures, provide doors which have a temperature rise rating of 450 degrees maximum in 30 minutes of fire exposure.
17. Coordinate and prepare doors and frames to receive mortised and concealed finish hardware in accordance with final finish hardware schedule.
18. Coordinate installation of security devices and entrance detector equipment with electrical contract documents and electrical contractor.
19. Do not paint over any code required labeled such as labeled such as underwriters laboratories, performances rating, name, or nomenclature plates.

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DATE: 3-17-2023

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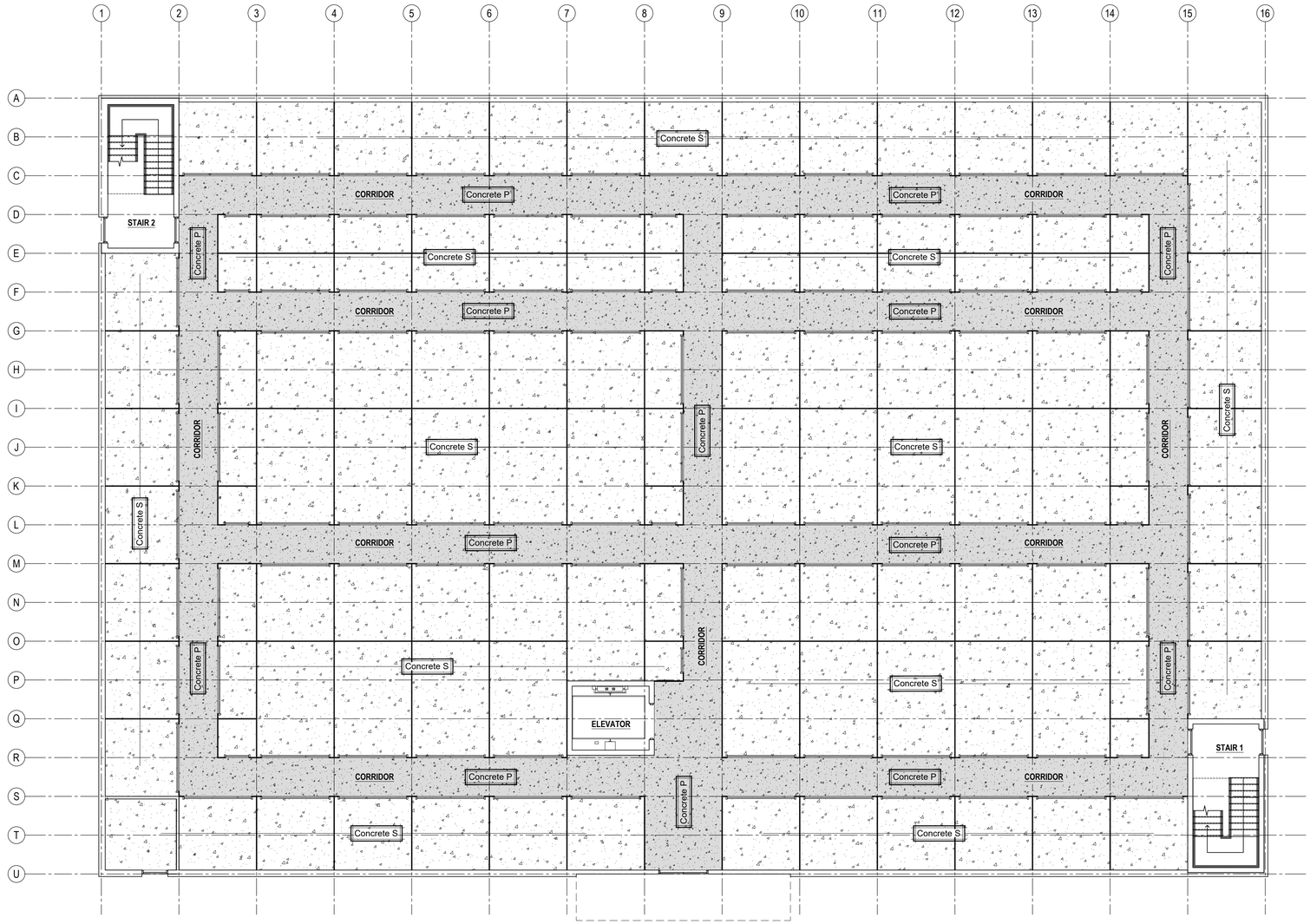
SCALE: 1/4"= 1'-0"

DOOR SCHEDULE & DETAILS

A8.0



1 1ST FLOOR ROOM FINISH PLAN

1/8"=1'-0"

Finish Materials		
Type	**Description**	
Concrete	**CONC-S**	1. Exposed Concrete To Have A Steel Trowel Finish 2. Concrete To Be Cured Minimum 28 Days With Moisture Content Not To Exceed 4%. 3. Expansion and Control Joints To Be Caulked Prior To Application of Sealer. 4. Sealer To Be Job 35 Concrete Sealer Installed Per Manufacturer's Written Instructions.
	CONC-P	Concrete Slab- Paint With Sherwin Williams ArmorSeal 1000HS Floor Coating -Corridors Receive (2) Coats -Storage Unit Receive (1) Coat

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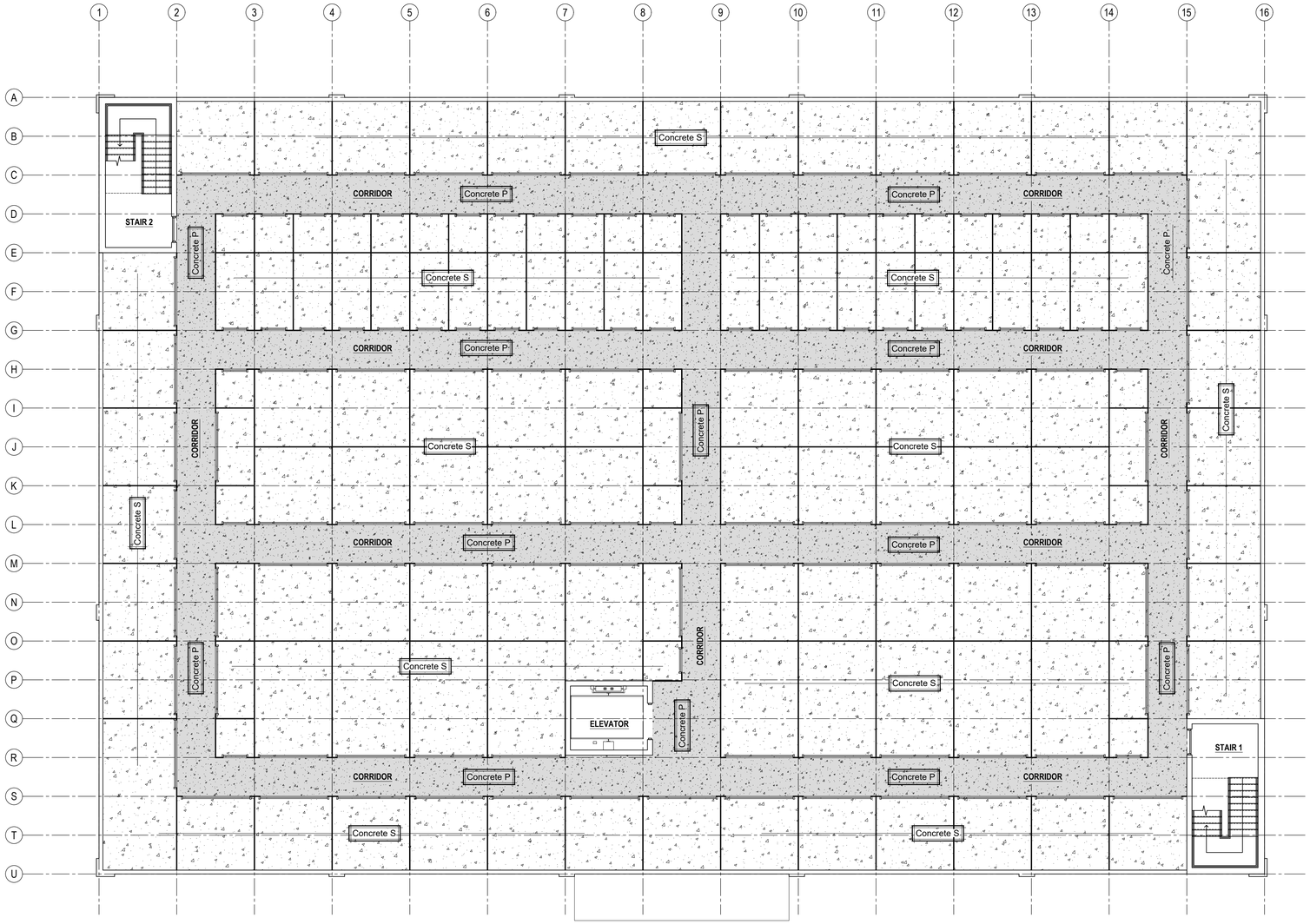
SCALE: 1/8"= 1'-0"

FIRST FLOOR
ROOM FINISH

A9.0



1 2ND FLOOR ROOM FINISH PLAN

1/8"=1'-0"

Finish Materials		
Type		**Description**
Concrete	**CONC-S**	1. Exposed Concrete To Have A Steel Trowel Finish 2. Concrete To Be Cured Minimum 28 Days With Moisture Content Not To Exceed 4%, 3. Expansion and Control Joints To Be Caulked Prior To Application of Sealer, 4. Sealer To Be Job 35 Concrete Sealer Installed Per Manufacturer's Written Instructions.
	CONC-P	Concrete Slab- Paint With Sherwin Williams ArmorSeal 1000HS Floor Coating -Corridors Receive (2) Coats -Storage Unit Receive (1) Coat

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22-110

STORE SPACE

STORAGE CAP ELON, LP
L070

931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

DATE: 3-17-2023

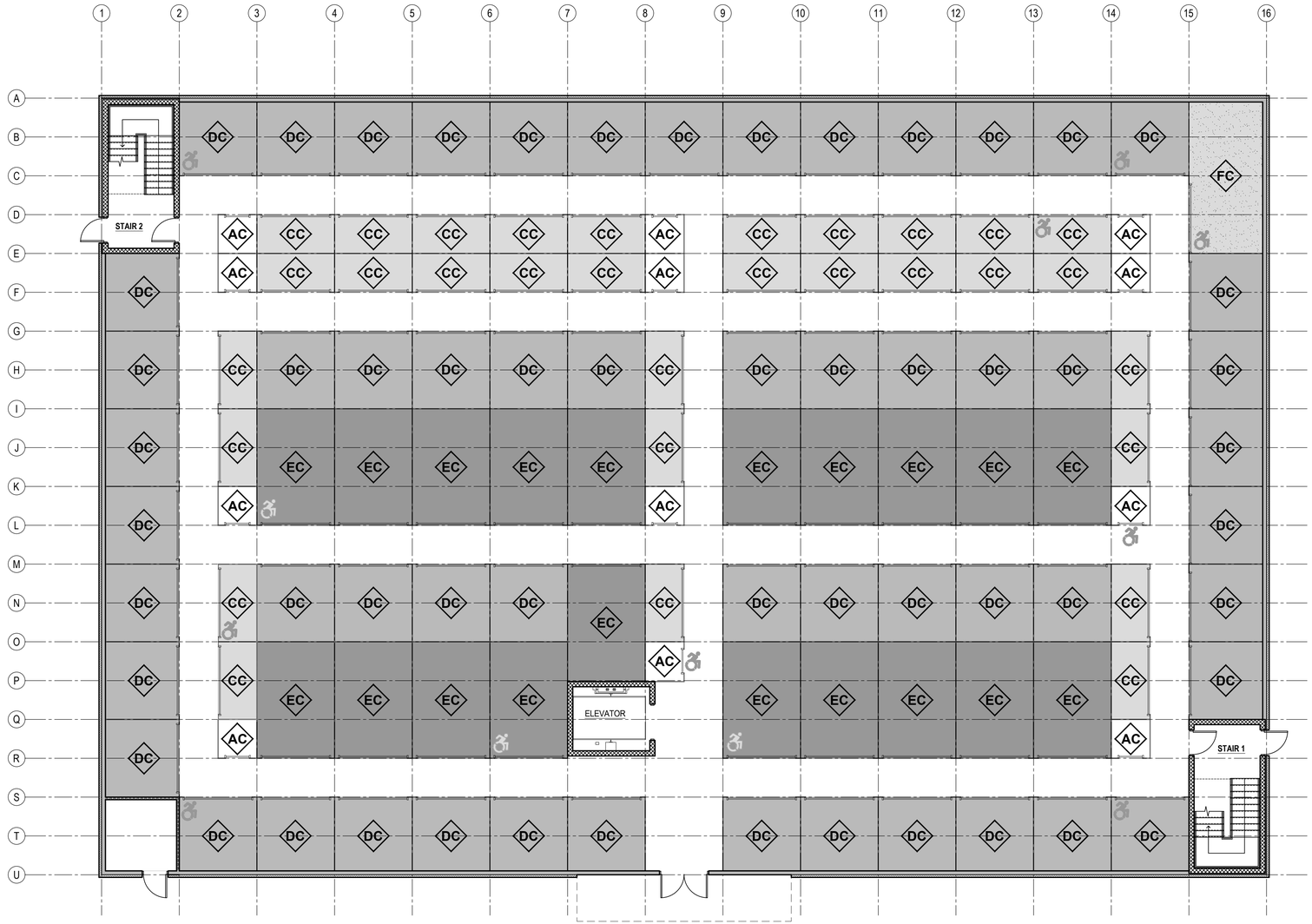
DRAWN BY: M. Kasperek

CHECKED BY: M. Dean

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

SECOND FLOOR ROOM FINISH

A9.1



LEGEND

- AC - 5x5 Unit
- BC - 5x5x4 Locker
- CC - 5x10 Unit
- DC - 10x10 Unit
- EC - 10x15 Unit
- FC - 10x20 Unit

1 FIRST FLOOR UNIT MIX PLAN

1/8"= 1'-0"

Accessible Units								
		5x5x8	5x10x8	10x10x8	10x15x8	10x20x8	Total	
Minimum Number Of Accessible Units		2	2	4	2	1	11	Total Accessible Units

First Floor								
Gross SF	15,000	5x5x4L	5x5	5x10	10x10	10x15	10x20	1st Floor Total
Unit Quantity		0	12	31	56	20	1	120	Total Units
SF Per Unit		0	25	50	100	150	200		
Total SF		0	300	1,550	5,600	3,000	200	10,650	Net Rentable
Unit Percentage		0.0%	10.0%	25.8%	46.7%	16.7%	0.8%	1.1%	Average SF/Unit
SF Percentage (Leasable)		0.0%	2.8%	14.6%	52.6%	28.2%	1.9%	71.0%	Efficiency

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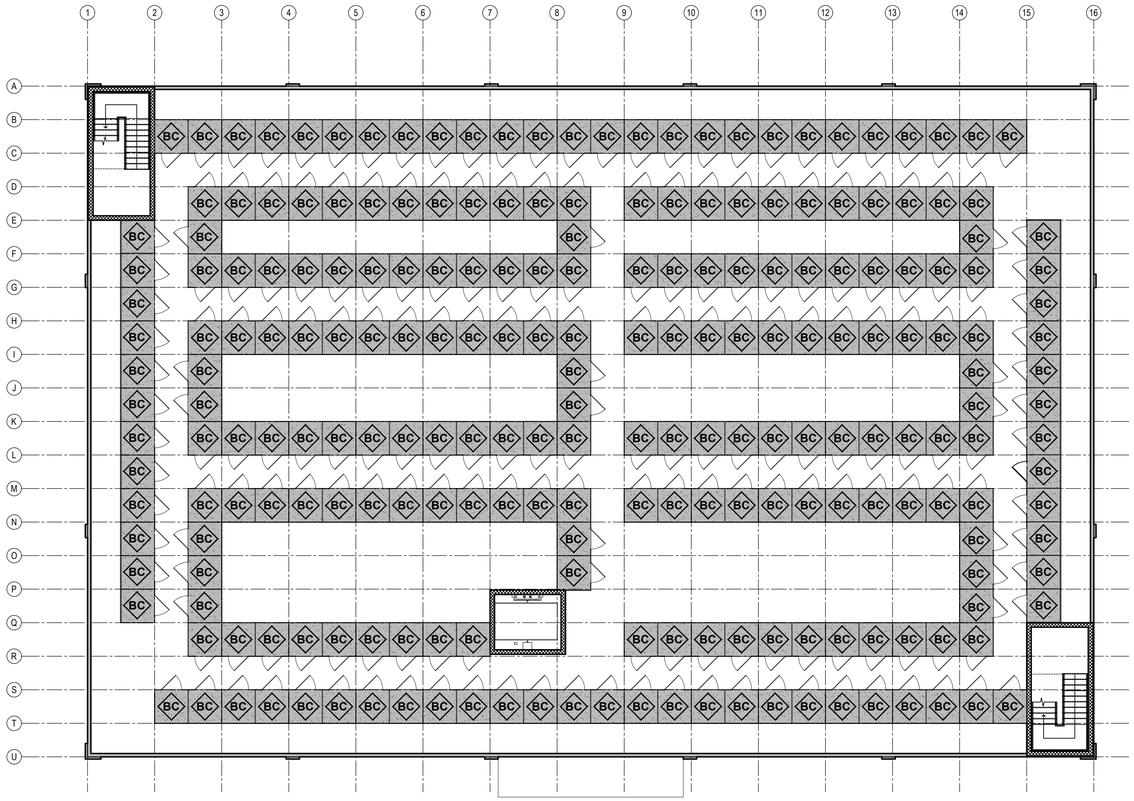
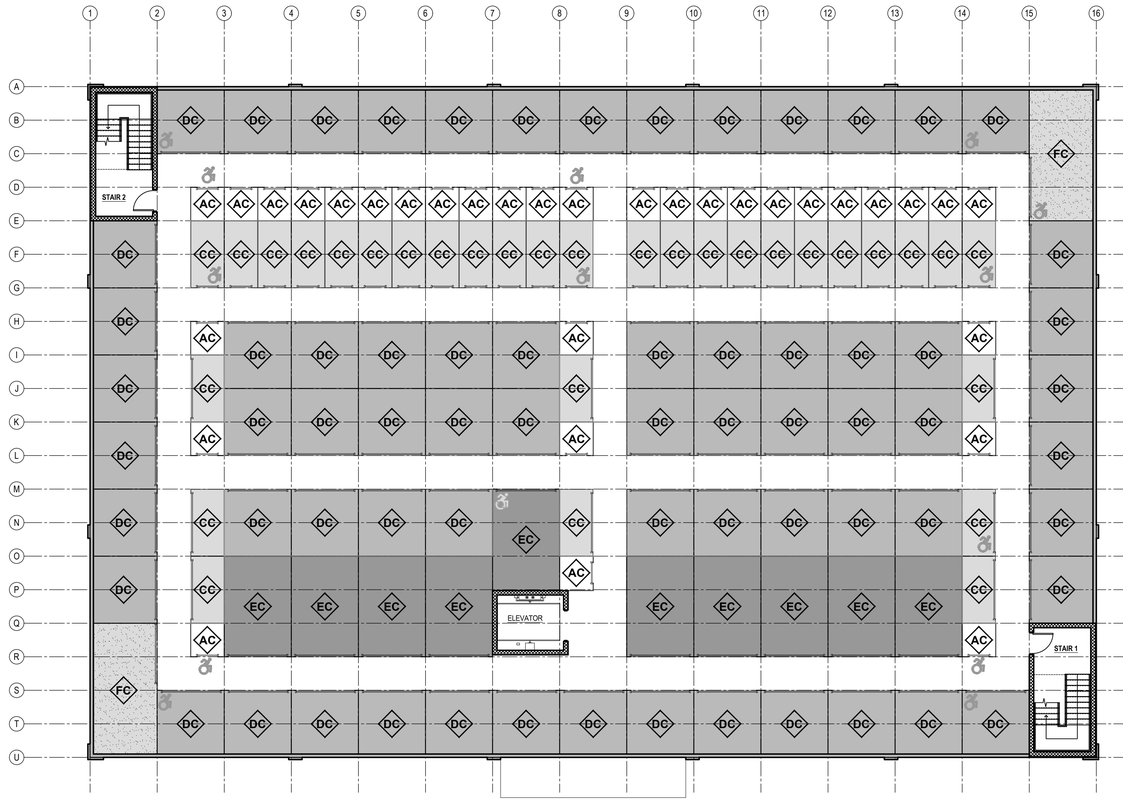
SCALE: 1/8"= 1'-0"

UNIT MIX FIRST FLOOR PLAN

A10.0





LEGEND

- AC - 5x5 Unit
- BC - 5x5x4 Locker
- CC - 5x10 Unit
- DC - 10x10 Unit
- EC - 10x15 Unit
- FC - 10x20 Unit

Second Floor								
Gross SF	15,000	5x5x4L	5x5	5x10	10x10	10x15	10x20	2nd Floor Total
Unit Quantity		228	32	31	67	10	2	370 Total Units
SF Per Unit		25	25	50	100	150	200	
Total SF		5,700	800	1,550	6,700	1,500	400	16,650 Net Rentable
Unit Percentage		61.6%	8.6%	8.4%	18.1%	2.7%	0.5%	2.2% Average SF/Unit
SF Percentage (Leasable)		34.2%	4.8%	9.3%	40.2%	9.0%	2.4%	111% Efficiency

Accessible Units								
		5x5x8	5x10x8	10x10x8	10x15x8	10x20x8	Total	
Minimum Number Of Accessible Units		4	4	4	1	1	14	Total Accessible Units

1 SECOND FLOOR UNIT MIX PLAN
3/32"=1'-0"

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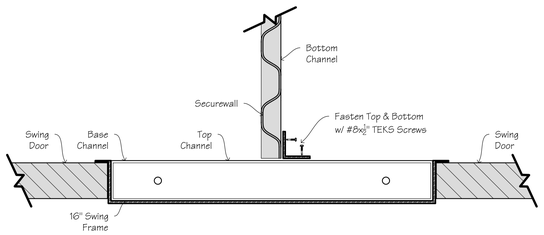
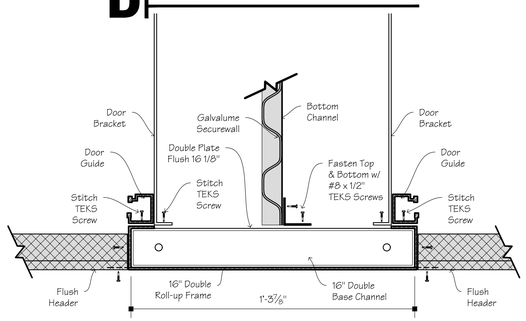
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 3/32"= 1'-0"

UNIT MIX SECOND FLOOR PLAN

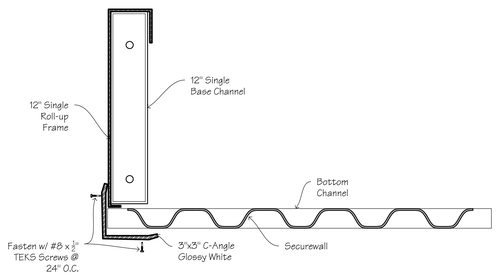
A10.1



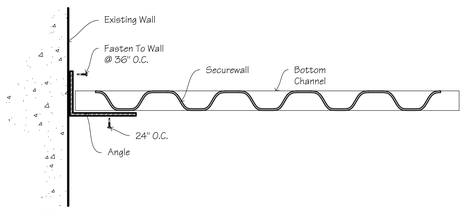
D | SWING DOOR



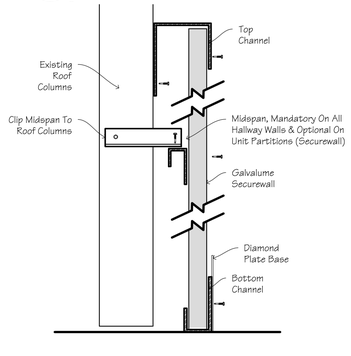
E | DOUBLE ROLL UP DOOR



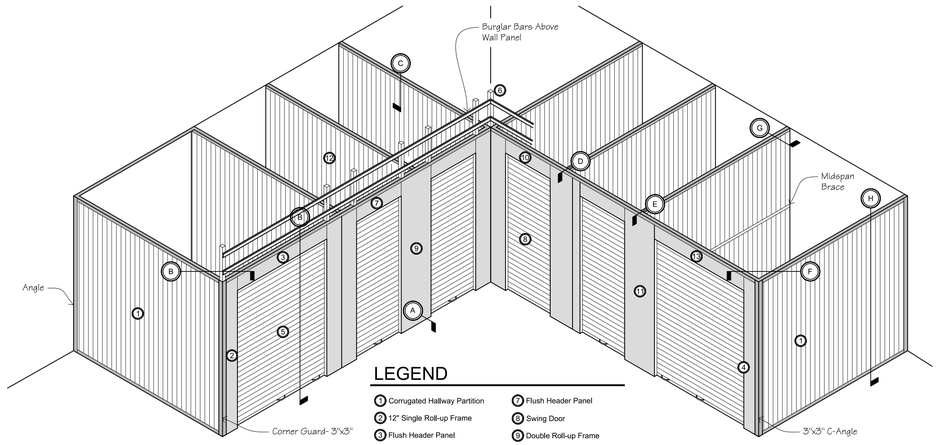
F | CORNER CONNECTION



G | WALL CONNECTION



H | SECURE CONNECTION

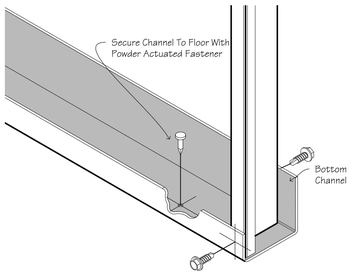


LEGEND

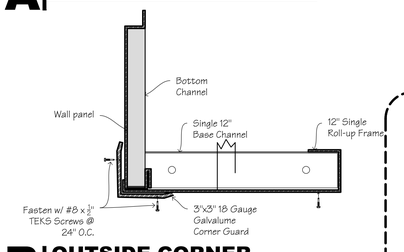
1 Corrugated Hallway Partition	7 Flush Header Panel
2 12" Single Roll-up Frame	8 Swing Door
3 Flush Header Panel	9 Double Roll-up Frame
4 8" Single Roll-up Frame	10 Swing Door Header
5 Roll-up Door	11 16" Double Roll-up Frame
6 System Vertical Frame	12 Interior Wall Partition (Corrugated)

Standard Wall Assembly Details, Refer To Floor Plan For Specific Layout Information

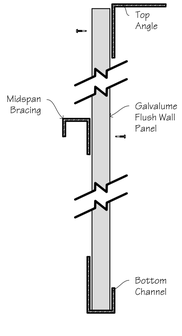
1 | HALLWAY SYSTEM



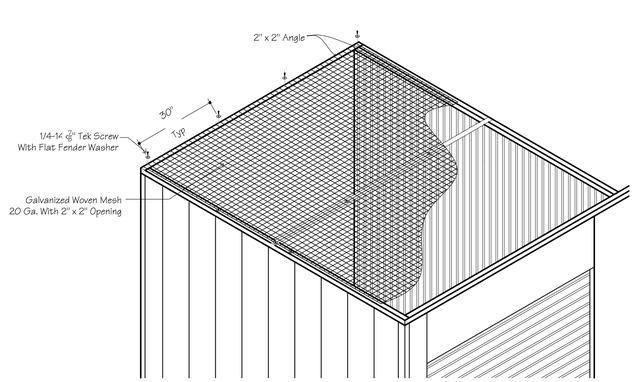
A | BASE MOUNTING



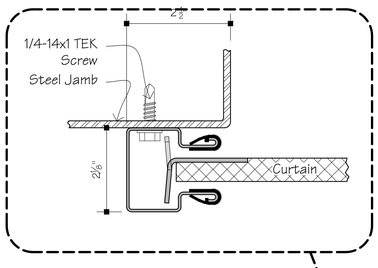
B | OUTSIDE CORNER

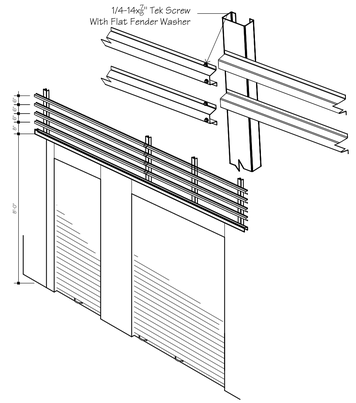


C | TYP. WALL CONSTRUCTION

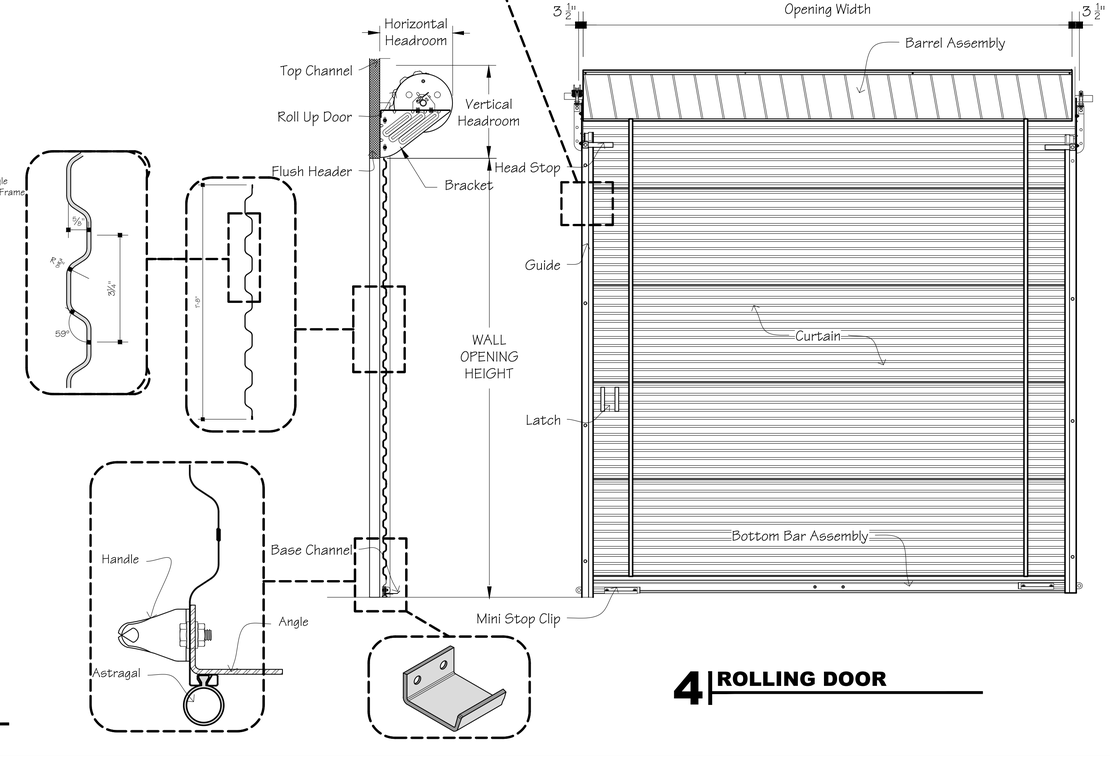


2 | WIRE MESH COVER





3 | BURGLER BARS



4 | ROLLING DOOR

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No.	Description	Date	By

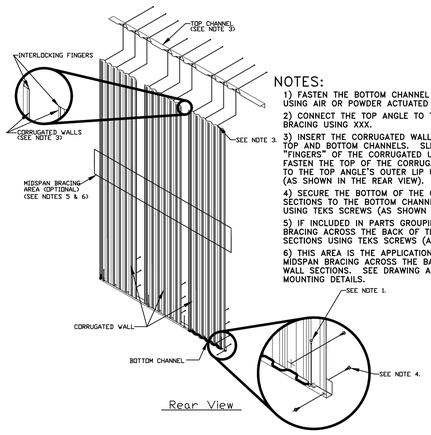
DATE: 3-17-2023

DRAWN BY: M. Kasperek | CHECKED BY: M. Dean

SCALE: NTS

STORAGE UNIT DETAILS

A10.2



NOTES:

1) FASTEN THE BOTTOM CHANNEL TO THE FLOOR USING AIR OR POWDER ACTUATED FASTENERS.

2) CONNECT THE TOP ANGLE TO THE "RED IRON" BRACING USING XXX.

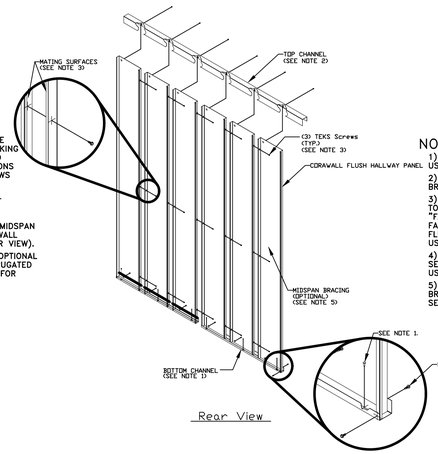
3) INSERT THE CORRUGATED WALL PANELS INTO THE TOP AND BOTTOM CHANNELS. SLIDE THE INTERLOCKING "FINGERS" OF THE CORRUGATED UNTIL SECURE AND FASTEN THE TOP OF THE CORRUGATED WALL SECTIONS TO THE TOP ANGLE'S OUTER LIP USING TEKS SCREWS (AS SHOWN IN THE REAR VIEW).

4) SECURE THE BOTTOM OF THE CORRUGATED WALL SECTIONS TO THE BOTTOM CHANNEL'S FRONT FACE USING TEKS SCREWS (AS SHOWN IN REAR VIEW).

5) IF INCLUDED IN PARTS GROUPING, SECURE THE MIDSPAN BRACING ACROSS THE BACK OF THE CORRUGATED WALL SECTIONS USING TEKS SCREWS (AS SHOWN IN REAR VIEW).

6) THIS AREA IS THE APPLICATION AREA FOR THE OPTIONAL MIDSPAN BRACING ACROSS THE BACK OF THE CORRUGATED WALL SECTIONS. SEE DRAWING A-900-005-0005 FOR MOUNTING DETAILS.

1 Unit Partition



NOTES:

1) FASTEN THE BOTTOM CHANNEL TO THE FLOOR USING AIR OR POWDER ACTUATED FASTENERS.

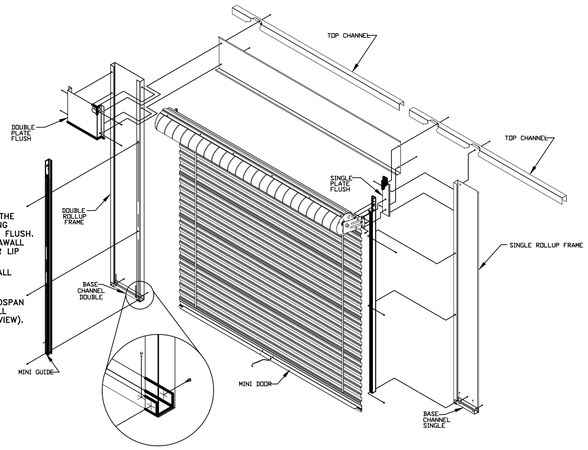
2) CONNECT THE TOP CHANNEL TO THE "RED IRON" BRACING USING XXX.

3) INSERT THE CORAWALL FLUSH WALL PANELS INTO THE TOP AND BOTTOM CHANNELS. SLIDE THE INTERLOCKING "FACES" OF THE CORAWALL FLUSH WALL UNITS UNTIL FLUSH. FASTEN ALONG THE FACE OF THE SIDES OF THE CORAWALL FLUSH WALL SECTIONS TO THE TOP CHANNEL'S OUTER LIP USING TEKS SCREWS (AS SHOWN IN THE REAR VIEW).

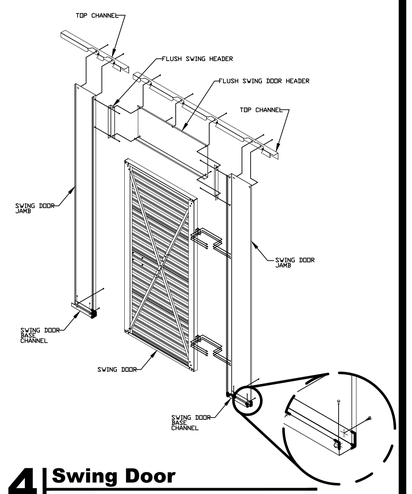
4) SECURE THE BOTTOM OF THE CORAWALL FLUSH WALL SECTIONS TO THE BOTTOM CHANNEL'S FRONT FACE USING TEKS SCREWS (AS SHOWN IN REAR VIEW).

5) IF INCLUDED IN PARTS GROUPING, SECURE THE MIDSPAN BRACING ACROSS THE BACK OF THE CORRUGATED WALL SECTIONS USING TEKS SCREWS (AS SHOWN IN REAR VIEW).

2 Flush Hallway Panel



3 Roll Up Door



4 Swing Door

INSTALLATION NOTES:

1.) These door and hallway system instructions are intended for a professional installer such as a steel erector or door installer. Individuals without sufficient knowledge of the doors, hallways or steel components can pose a threat for potential injury or harm. Failure to follow instructions can result in personal injury and/or material damages. Please review ALL drawings and instructions prior to installation and layout.
2.) Upon receiving material, check quantities and items against the packing list to confirm all materials were received. Arrage material in locations near their final position, out of the way of other trades. Stage in a dry area to minimize material movement and potential damage.
3.) Reference site drawing to review layout and unit mix before commencing installation. Note that the finished hallway dimension will be 4-1/2" less than the rough hallway width due to the 2-1/4" bottom floor channel secured on each side of the hallway.
4.) Using a chalk line, mark the dimensions for the hallway 2-1/4" from a steel structure starting point. Affix the hallway bottom channel between the steel structure and the edge of the chalk line.
5.) Anchor with supplied shot & pin every 24" on center. Continue in the same manner with the unit partition Bottom Channel measuring the units dimension from the back of channel (already anchored to the front of the channel being laid out. As plans indicate, affix the roll up frame Base Channels accordingly with 2 shot and pin fasteners per base channel.
6.) Attach starter angle to floor bottom channel. Temporarily brace with 2"x2" angle, to reinforce and minimize flexibility. Make sure the starter angle is plumb for easy top channel installation. A starter angle is required between each individual unit.
7.) Attach flush or corrugated Back Plate to Rollup Frame with (4) #8 Teks screws-2 per side. Height of the plate is determined by the height of the hallway system and door size. The top edge of the Back Plate should also be flush with the top edge of the Rollup Frame.
Install the Rollup Frames relative to door opening size. Stand up the Rollup Frame with the Back Plate and fasten the assembly to the rollup frame base channel. Insure that the frame is plumb for easy Top
8.) Securely affix the Top Channel to existing steel structures, Starter Angles and/or Rollup Frames so that the top of the channel is 1/2" higher than the specified hallway system height. Ensure that the channel remains level, to avoid ill-fitting corrugated or flush wall panels.
9.) Install wall panels vertically into Floor Channel and Top Channel as recommended. Level before

a. For corrugated panel, secure with 3 screws at the top and bottom--total fasteners being 6 per sheet.

b. For flush panels, secure with 2 screws at the top and bottom--total fasteners being 4 per sheet.

10.) Mid-Span Bracing is recommended over 8' 6" tall corrugated walls only.
11.) Affix Kick Plates and Corner Guards upon completion of the Hallway System.
12.) Install "Mo-Caps" on the back of ALL exposed screws.

NOTES:

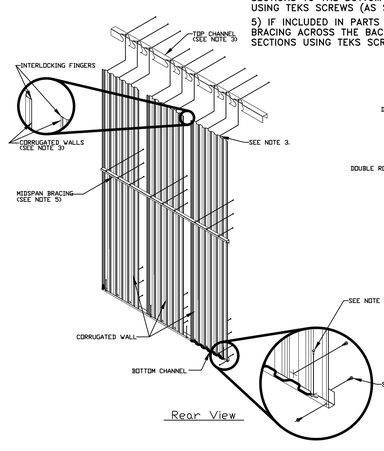
1) FASTEN THE BOTTOM CHANNEL TO THE FLOOR USING AIR OR POWDER ACTUATED FASTENERS.

2) CONNECT THE TOP CHANNEL TO THE "RED IRON" BRACING USING XXX.

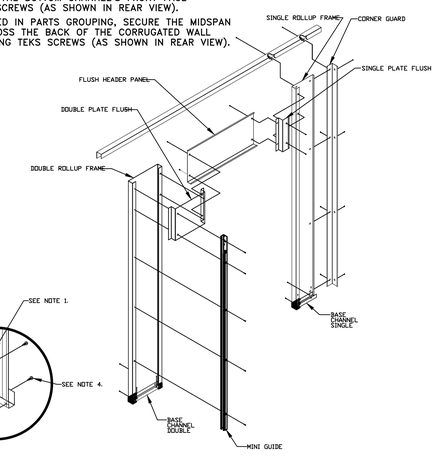
3) INSERT THE CORRUGATED WALL PANELS INTO THE TOP AND BOTTOM CHANNELS. SLIDE THE INTERLOCKING "FINGERS" OF THE CORRUGATED UNTIL SECURE AND FASTEN THE TOP OF THE CORRUGATED WALL SECTIONS TO THE TOP CHANNEL'S OUTER LIP USING TEKS SCREWS (AS SHOWN IN THE REAR VIEW).

4) SECURE THE BOTTOM OF THE CORRUGATED WALL SECTIONS TO THE BOTTOM CHANNEL'S FRONT FACE USING TEKS SCREWS (AS SHOWN IN REAR VIEW).

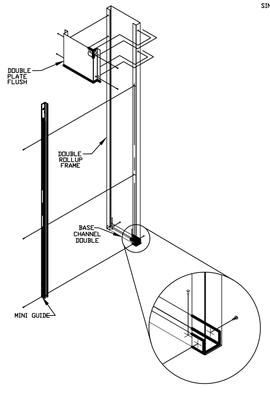
5) IF INCLUDED IN PARTS GROUPING, SECURE THE MIDSPAN BRACING ACROSS THE BACK OF THE CORRUGATED WALL SECTIONS USING TEKS SCREWS (AS SHOWN IN REAR VIEW).



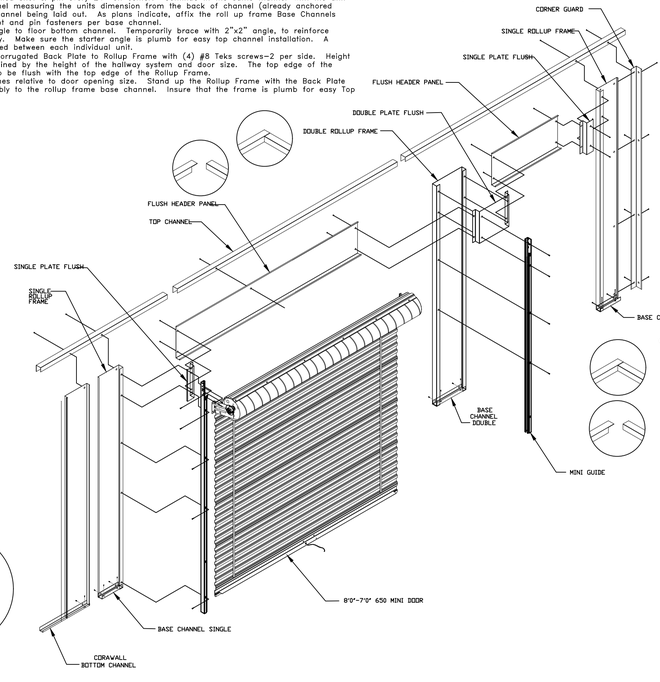
5 Corrugated Hallway Panel

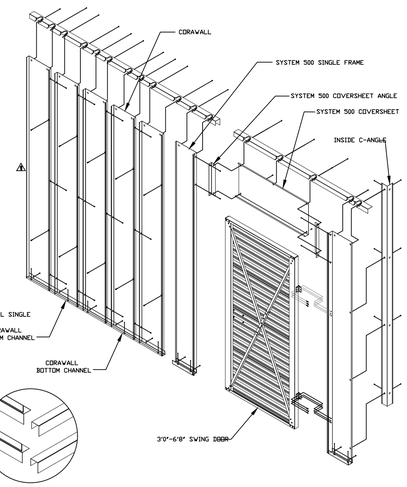


6 Flush Header



7 Flush Double Door Plate





8 Flush Hallway System

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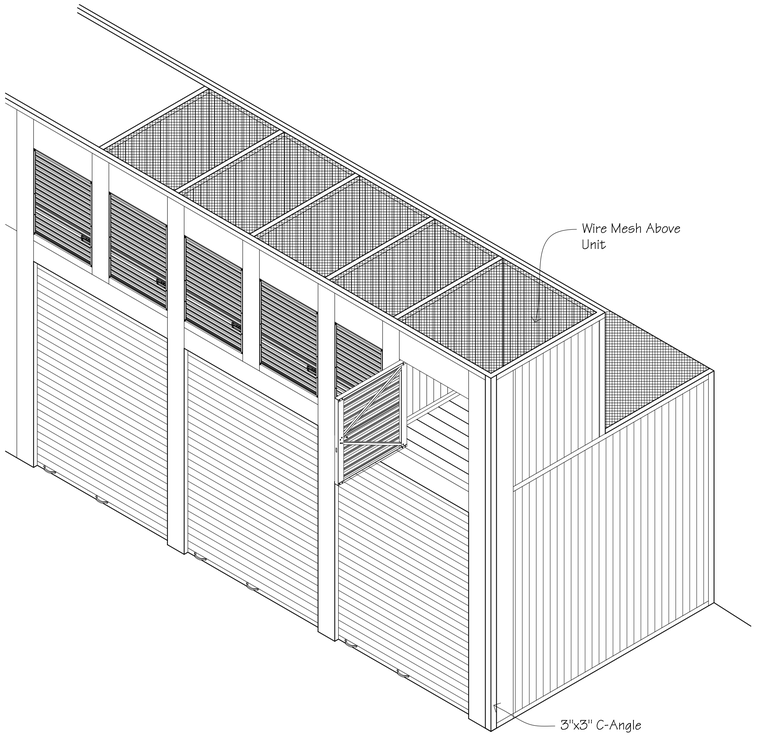
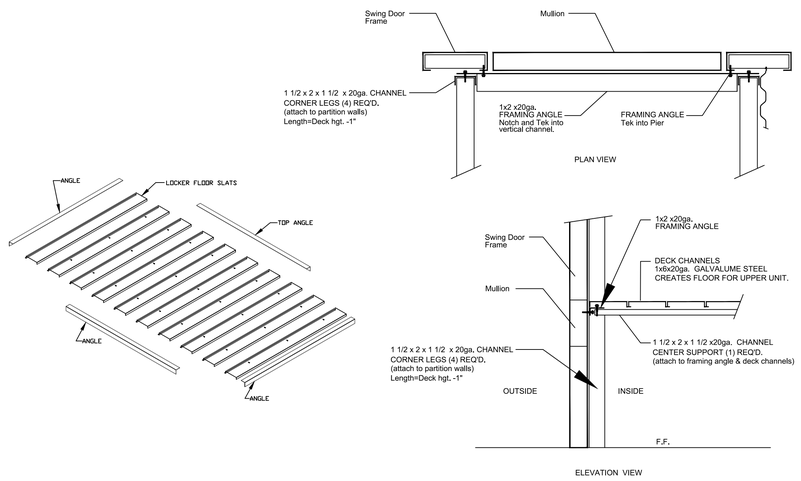
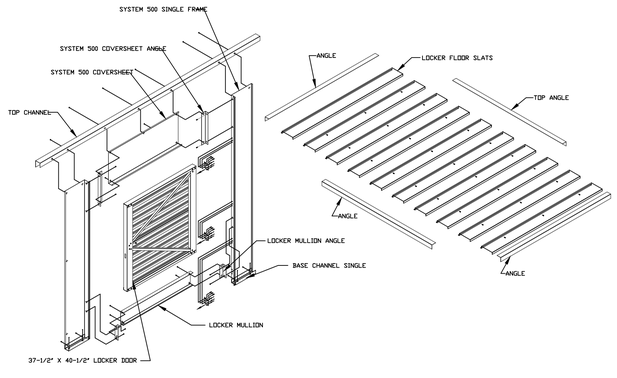
STORAGE UNIT DETAILS

A10.3

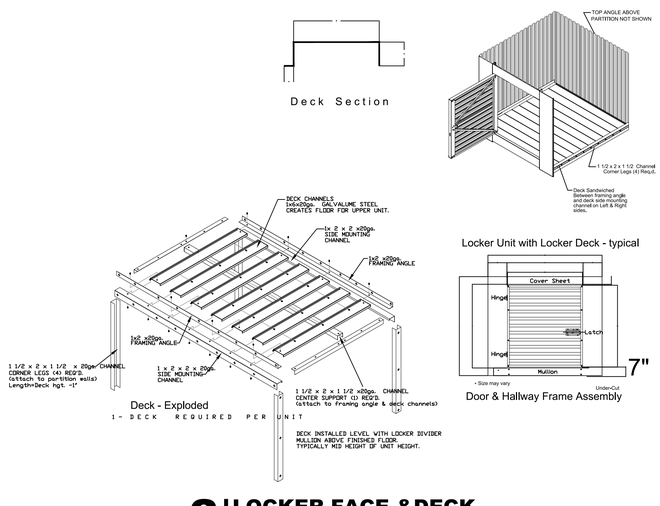




1 FRAMING ANGLE TO PIER & CHANNEL ATTACHMENT



2 DOUBLE STACK LOCKER UNIT W/ FLOOR



3 LOCKER FACE &DECK

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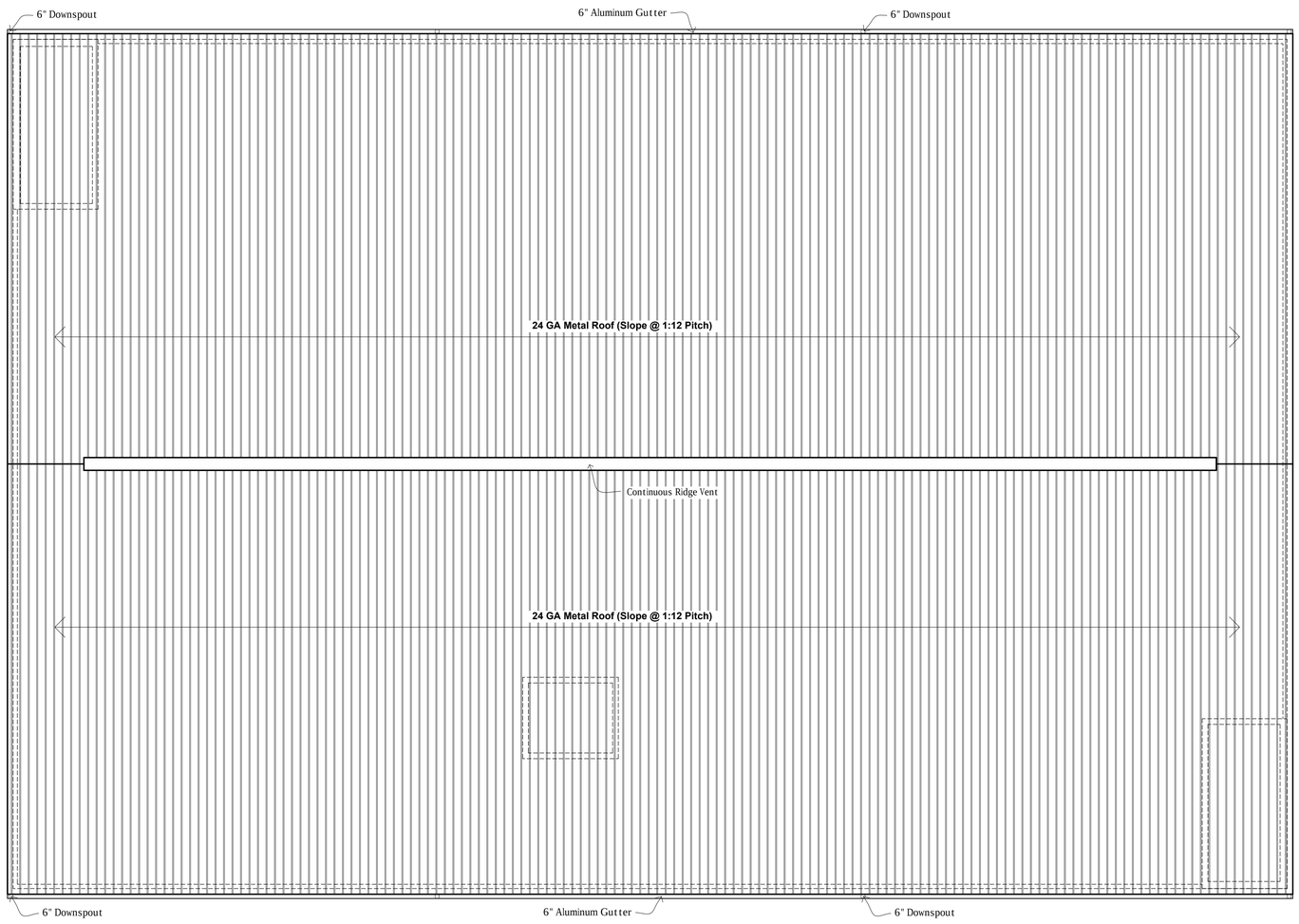
CHECKED BY: M. Dean
SCALE: NTS

LOCKER SYSTEM DETAILS

A10.4



1 ROOF PLAN
1/8"=1'-0"

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ARCHITECT

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DRAWN BY: M. Kasperek
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SCALE: 1/8"= 1'-0"

ROOF PLAN

A11.0

PART # INDEX	
PART #	DESCRIPTION
5920019982	adapter trim, 16'-0" long
710911	inside metal closure
710933	fixed utility clip
710963	caulk tape
710967	standing seam roof shaping tool
710969	#12-14 x 1.25" Hex head screw
710977	#12 x 1.25" SDWW (zac) screw
710989	self expanding sealer tape
71194_	rake angle, length varies
760703	prestite caulk 1/8" x 1/2"

(24) INSULATION FLAME AND SMOKE RATING
THE COMPOSITE OF FIBERGLASS AND FACING SHALL HAVE SURFACE BURNING CHARACTERISTICS NOT TO EXCEED 25 FLAME SPREAD AND 50 SMOKE WHEN TESTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES 723 TEST METHOD OR ASTM E-84 TEST METHOD. INSULATION BY OTHERS TO MEET OR EXCEED THESE REQUIREMENTS.

(25) RAKE ANGLE / ADAPTER TRIM
PLACE ACROSS END WALL FRAMING WITH VERTICAL LEG FLUSH WITH STRUCTURAL LINE. INSTALL 3" LEG VERTICAL. NOTE THAT RAKE ANGLE AND ADAPTER TRIM ARE NOT TO EXTEND BEYOND THE STRUCTURAL EAVE LINE OF THE BUILDING.

(28) INSIDE CLOSURE
FIELD CUT CLOSURE AT STRUCTURAL LINE IF END WALL HAS CLOSETS. CUT CLOSURE TO EXTEND 1 ¼" PAST STRUCTURAL LINE IF END WALL IS A-PANEL.

(29) ROOF CLIP
POSITION THE CLIP AT EACH PURLIN. ROTATE THE CLIP ON THE MALE LIP UNTIL VERTICAL. IT IS IMPORTANT THAT THE CLIPS PROJECTING LEDGE FITS SNUGLY UNDER THE PANEL'S HORIZONTAL LEG AS SHOWN. FASTEN TO PURLIN. THE PANEL CLIP HAS FACTORY APPLIED SEALANT IN THE UPPER LIP. IF A CLIP MUST BE REMOVED, A NEW CLIP MUST BE USED OR GUN-GRADE SEALANT INSTALLED IN THE UPPER LIP.

(33) ROOF PANELS
DO NOT WALK ON THE MINOR RIBS. WALKING ON THE MINOR RIBS MAY RESULT IN PERMANENT DAMAGE TO THE ROOF PANEL. DAMAGE MAY INCLUDE ROOF LEAKS, STANDING WATER OR AESTHETIC DAMAGE.

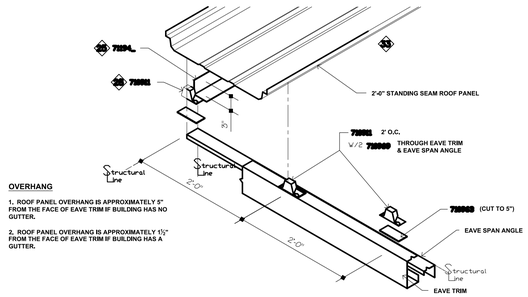
DO NOT, UNDER ANY CIRCUMSTANCES, STEP ON THE PANEL AT THE PANEL ENDS UNTIL THE PANEL IS FULLY ATTACHED. THE ROOF PANEL MAY NOT SUPPORT THE WEIGHT OF A PERSON AT THESE LOCATIONS.

IF THE PANEL MUST BE WALKED ON, PROTECT IT WITH 2X12 PLANKS THAT SPAN ACROSS A MINIMUM OF 3 PURLINS. THESE PLANKS WILL HELP TO DISTRIBUTE THE LOAD, BUT PANEL DAMAGE MAY STILL OCCUR IF THE LOADS OR FREQUENCY OF TRAVEL ARE EXCESSIVE.

THE ROOF SHOULD BE SWEPT CLEAN OF DRILL SHAVINGS AT THE END OF EACH WORK DAY. FAILURE TO DO SO MAY RESULT IN RUST SPOTS.

(43) INSULATION INSTALLATION
IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSTALL THE INSULATION WITH CONSIDERATION THAT ALL VOIDS IN AN INSULATED WALL NEED TO BE FILLED WITH INSULATION. CARE SHOULD BE TAKEN TO ASSURE THAT EXTERIOR AIR INFILTRATION TO THE INTERIOR OF THE BUILDING IS MINIMIZED. LIGHT SHOULD NOT BE VISIBLE THROUGH CRACKS AND CREVICES. CAULK OR OTHER REMEDIES TO THESE SITUATIONS IS NOT SUPPLIED BY TRACHTE AND IS TO BE USED AND SUPPLIED AT THE DISCRETION OF THE ERECTOR AND/OR OWNER.

YOU MUST INSTALL THE INSULATION WITH THE VAPOR BARRIER TO THE CLIMATE CONTROLLED SIDE OF THE WALL & ROOF (INTERIOR).

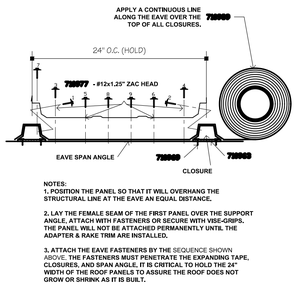


OVERHANG

1. ROOF PANEL OVERHANG IS APPROXIMATELY 5" FROM THE FACE OF EAVE TRIM IF BUILDING HAS NO GUTTER.

2. ROOF PANEL OVERHANG IS APPROXIMATELY 1½" FROM THE FACE OF EAVE TRIM IF BUILDING HAS A GUTTER.

1 FIRST PANEL

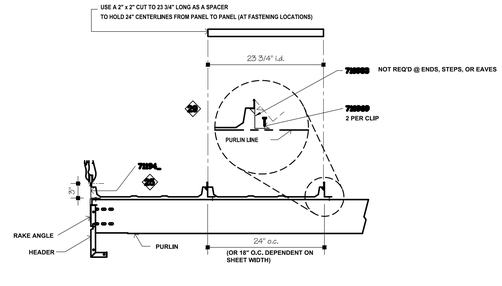


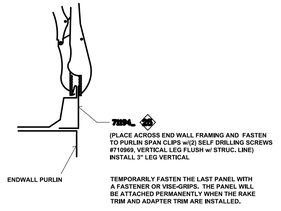
NOTES:
1. POSITION THE PANEL SO THAT IT WILL OVERHANG THE STRUCTURAL LINE AT THE EAVE AN EQUAL DISTANCE.

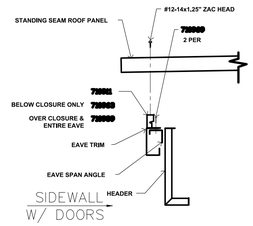
2. LAY THE FEMALE SEAM OF THE FIRST PANEL OVER THE SUPPORT ANGLE. ATTACH WITH FASTENERS OR SECURE WITH VISE-GRIPS. THE PANEL WILL NOT BE ATTACHED PERMANENTLY UNTIL THE ADAPTER & RAKE TRIM ARE INSTALLED.

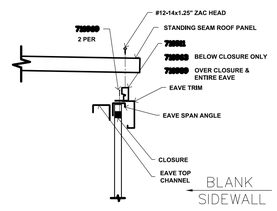
3. ATTACH THE EAVE FASTENERS BY THE SEQUENCE SHOWN ABOVE. THE FASTENERS MUST PENETRATE THE EXPANDING TAPE, CLOSURES, AND SPAN ANGLE, IT IS CRITICAL TO HOLD THE 24" WIDTH OF THE ROOF PANELS TO ASSURE THE ROOF DOES NOT GROW OR SHRINK AS IT IS BUILT.

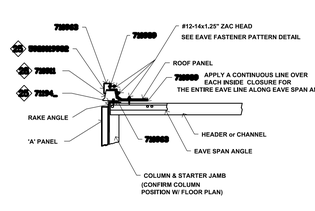
2 EAVE FASTENER PATTERN

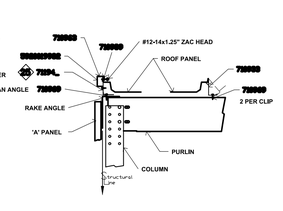




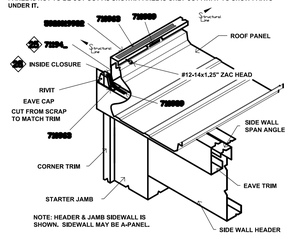




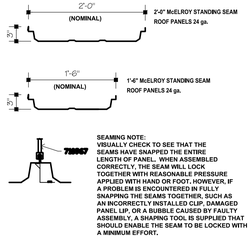




NOTE: DO NOT EXTEND RAKE ANGLE OR ADAPTER TRIM BEYOND STRUCTURAL LINE. ROOF PANEL IS NOT TO BE CUT OUT AS SHOWN. PANEL IS ONLY CUT AWAY TO SHOW PARTS UNDER IT.

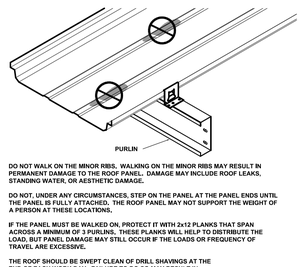


4 TERMINATION PANEL



SEAMING NOTE:
VISUALLY CHECK TO SEE THAT THE SEAMS HAVE SNAPPED THE ENTIRE LENGTH OF PANEL. WHEN ASSEMBLED CORRECTLY, THE SEAM WILL LOCK TOGETHER WITH REASONABLE PRESSURE APPLIED WITH HAND OR FOOT, HOWEVER, IF A PROBLEM IS ENCOUNTERED IN FULLY SNAPPING THE SEAMS TOGETHER, SUCH AS AN INCORRECTLY INSTALLED CLIP, DAMAGED PANEL LIP, OR A BUBBLE CAUSED BY FAULTY ASSEMBLY, A SHAPING TOOL IS SUPPLIED THAT SHOULD ENABLE THE SEAM TO BE LOCKED WITH A MINIMUM EFFORT.

5 SS ROOF W/O INSULATION



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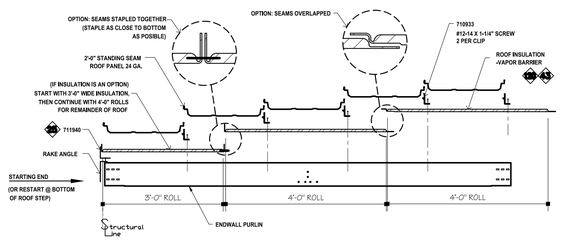
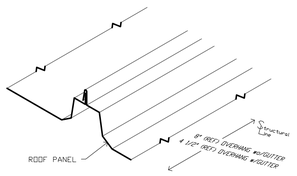
* LOWER RAKE ANGLE IS NOT NEEDED ON 1/4:12 PITCH BUILDING W/ ENDWALL DOORS

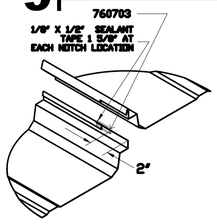


8 SS ROOF & RAKE TRIM



11 OVERHANG DETAIL @ LAPPED RIB

9 SS ROOF PROFILES



12 SEALANT @ NOTCH DETAIL

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STORE SPACE
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931 East Haggard Ave.
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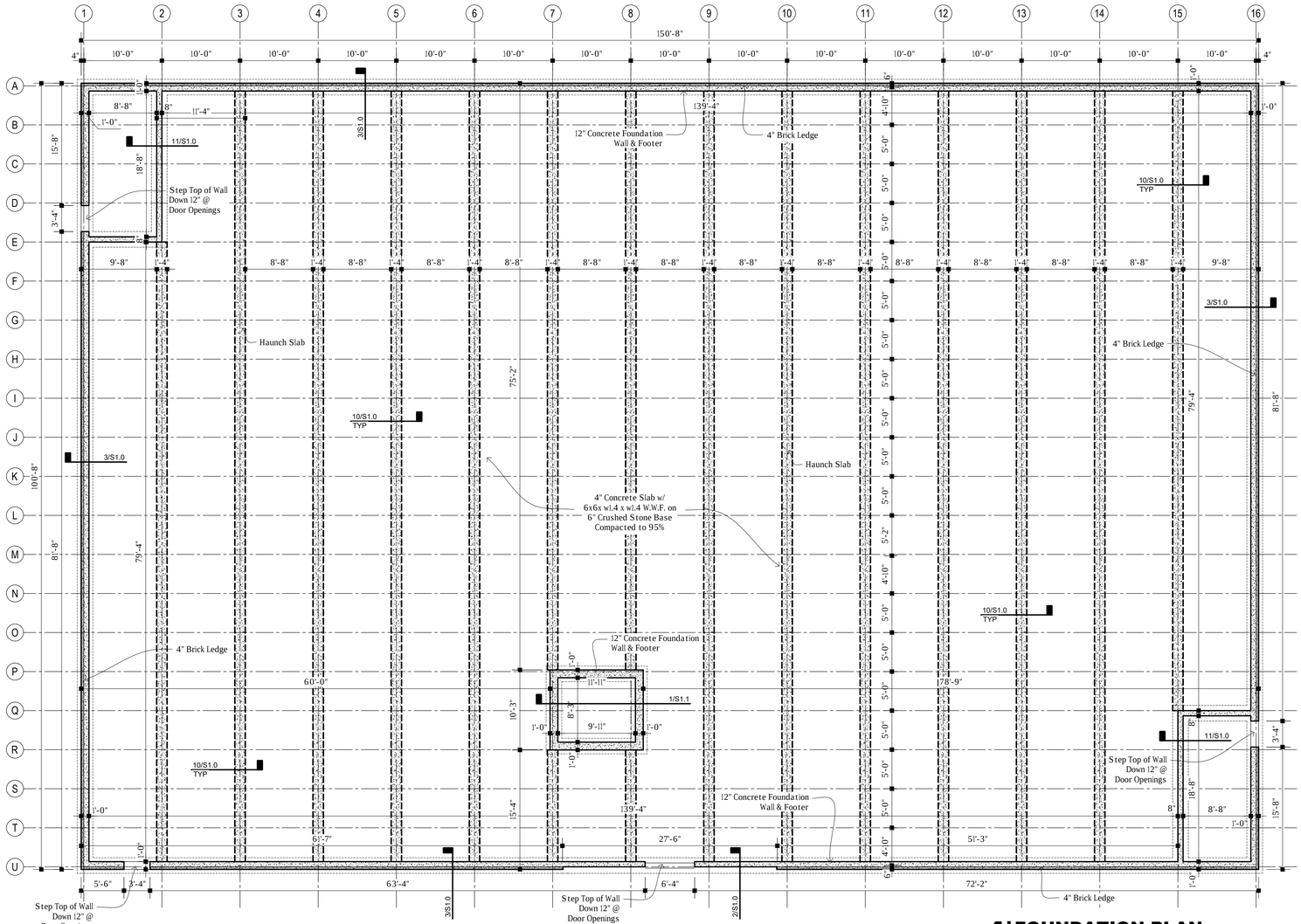
No.	Description	Date	By

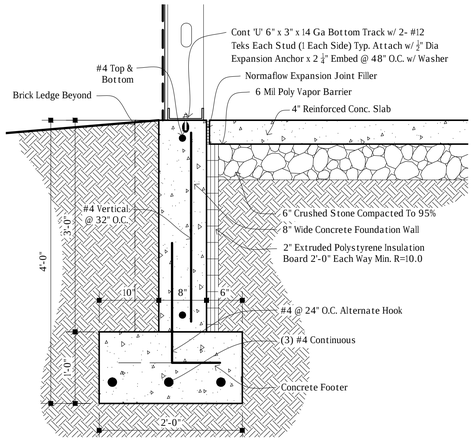
DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

ROOF DETAILS

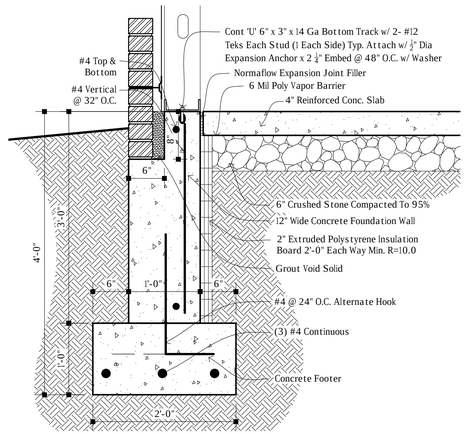
A11.1



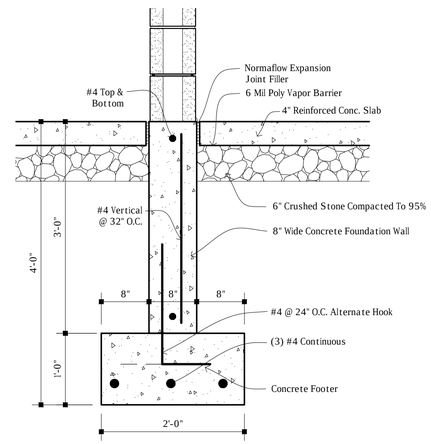
1 FOUNDATION PLAN
1/8"=1'-0"



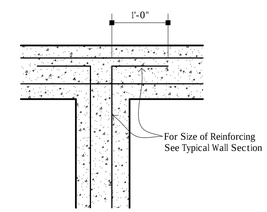
2 FOUNDATION WALL @ METAL PANEL
1"=1'-0"



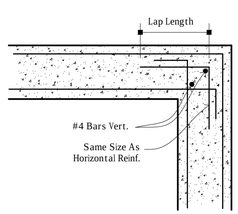
3 FOUNDATION @ BRICK LEDGE
1"=1'-0"



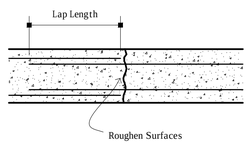
11 FOUNDATION @ STAIR CMU
1"=1'-0"



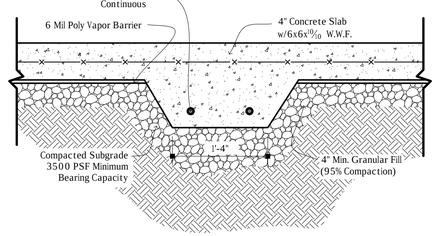
4 FOUNDATION 'T'
1"=1'-0"



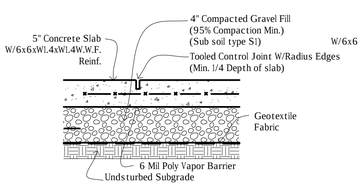
5 FOUNDATION CORNER
1"=1'-0"



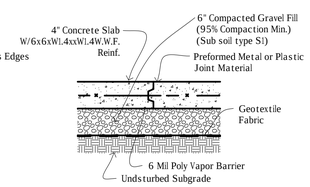
6 CONSTRUCTION JOINT
1"=1'-0"



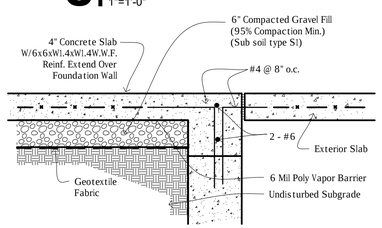
10 HAUNCH SLAB
1"=1'-0"



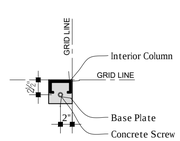
7 CONTROL JOINT
1"=1'-0"



8 CONSTRUCTION JOINT
1"=1'-0"



9 SLAB @ MAN DOOR
1"=1'-0"



See Floor Plan To Locate & Orientate Baseplate & Interior Columns

12 SCREW @ BASE PLATE
1"=1'-0"

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STORE SPACE
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No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: A. Brose
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

FOUNDATION PLAN

S1.0

GENERAL STRUCTURAL NOTES

1. Structural drawing shall be used in conjunction with the architectural and civil drawings.
2. All work shall conform to the codes, rules and regulations of the State of New York.
3. The Contractor shall be responsible for complying with all applicable codes and ordinances.
4. The Contractor shall perform all work and supply all materials indicated on the drawings or as reasonably required to construct a complete building project. All materials supplied shall be new materials.
5. The Contractor shall verify all dimensions before proceeding with fabrication and construction.
6. The structure as indicated is designed for loads indicated on the drawings in a complete assemblage.
7. Temporary erection or construction loads and/or construction sequence have not been included in the design of this structure. The Contractor shall store materials and construct the building in a manner that will not over stress the building.
8. The Contractor shall provide temporary bracing and shoring against wind loads and all construction loads throughout the work.
9. Any discrepancies between the construction documents and actual field conditions shall be reported to the Architect.
10. Design Loads: Snow load 55 pounds per square foot (PSF) plus snow drift
    Dead load of the roof: 35 PSF
    Floor load 100 PSF
    Wind load: 15 PSF (horizontal) 14 PSF (uplift)

EARTHWORK

1. All foundations shall bear on undisturbedsoil, or rock having a minimum allowable bearing pressure of 1½ tons per square foot. The bearing capacity shall be verified before foundations are cast.
2. The bottom of footings bearing on undisturbed soil shall be a minimum of 2 1/2 feet below the top of the natural soil layer.
3. Over excavation of the natural soil layer under foundations shall be backfilled with concrete to the elevation of the bottom of the foundation. Over excavation inside the building area shall be backfilled with compacted granular fill.
4. All topsoil and existing fill within the building area shall be removed.
5. Slope between the bottoms of adjacent foundations shall not exceed one vertical to two horizontal.
6. Backfill against walls below grade so that the difference in fill level on opposite sides does not exceed 2 feet at any time.
7. Material adjacent to and below foundations shall be kept from freezing at all times. If any material is frozen it shall be removed and replaced with concrete. If frozen material should be found below the slab on grade, it shall be removed and replaced with compacted structural fill.
8. The work shall be graded, shaped and otherwise drained in such a manner as to minimize soil erosion, siltation of drainage channels, damage to existing vegetation and damage to property outside the limits of the work area.
9. Comply with local safety regulation and with the provisions of the Occupational Safety and Health Act (OSHA).
10. The granular fill under the slab shall be run of crusher compacted in 6 inch lifts to 92% of its maximum dry density as determined by D1557.
11. The backfill adjacent to walls, footings and piers shall be flowable fill.

CAST IN PLACE CONCRETE

1. All concrete work shall comply with "Specifications for Structural Concrete Buildings" ACI301 and "Building Code Requirements for Reinforced Concrete" AC 318.
2. Concrete shall have a 28 day compressive strength of 3,500 PSI. The maximum aggregate size shall be 1 inch. The slump shall be inches + or -1 inch.
3. All excavations shall be adequately dewatered before concrete is placed.
4. The Contractor alone shall be fully responsible for the design, strength, safety and adequacy of all form work, shoring, bracing and all methods of construction, and for strength, slump, consistency, finish and general quality of the concrete used in the work.
5. At construction joints, the surfaces of concrete already placed shall be cleaned, roughened and recleaned. The joint shall be saturated with water. After the free water disappears, the joints shall be given a coat of 1/8" thick neat cement grout. New concrete shall be deposited before the neat cement grout dries. Construction joints in walls shall be 35 feet on center or less.
6. Concrete during and immediately after depositing shall be compacted by means of internal vibrators.
7. Protect concrete work against injury from heat, cold and defacement of any nature during construction operations.
8. The Contractor shall be responsible for curing all concrete and shall submit to the Architect, for information only, the methods to be used on this project.
9. The floor shall be troweled and receive a sealant with harder. The floor shall be level to a tolerance of 1/8" in 10 feet.

CONCRETE AND REINFORCEMENT :

1. All reinforcing steel shall be ASTM A615 billet steel deformed bars, grade 60.
2. All welded wire fabric shall be ASTM A185. Lap splices shall be 12" minimum. Embedment shall be of 2 crosswires with the closer wire not less than 2" from the critical section.
3. Where continuous bars are indicated they shall be continuous around corners, doweled into splices, and hooked at discontinuous ends. Intersecting walls, lapped at necessary
4. All reinforcing steel shall have the following concrete cover:
   A. Sides and bottoms of footings: 3"
   B. Concrete exposed to weather or earth #5 & #4, welded wire, fabric 1 1/2" bars larger than #5: 2".
   C. Concrete not exposed to the weather or earth, slab: 3/4".
5. All reinforcing steel shall be held rigidly and accurately in place, bars to be securely wired before and during placement of the concrete together and protected against displacement.
6. Reinforcing steel shall not be bent after being partially embedded in hardened concrete.
7. Bars with kinks or bends not shown on the drawings will be rejected.
8. Bars shall be bent cold and shall not be heated for any reason.

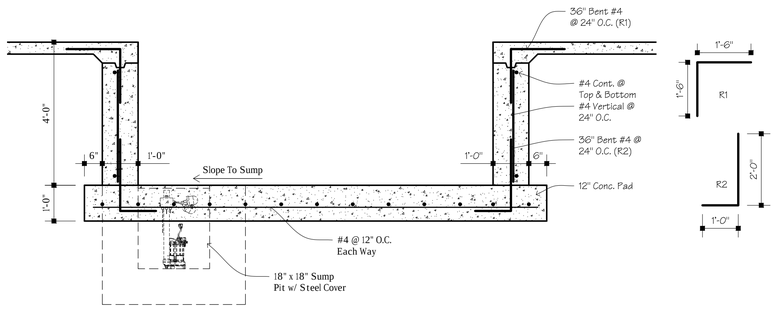
REINFORCEMENT FOR CONCRETE

1. All reinforcing steel shall be ASTM 615 billet steel deformed bars, Grade 60.
2. The slab on grade shall be reinforced with hot dipped galvanized welded wire mesh in 6" x 6" pattern and 0.14 ga wire
3. Where continuous (cont.) bars are indicated, they shall be continuous around corners, doweled into intersecting walls, lapped at necessary sp lices and hooked at discontinuous ends. For embedment and lap lengths see schedule.
4. All reinforcing in concrete shall have the following cover:
   Sides and bottom of footings - 3"
   Concrete exposed to earth or weather #5 and #4 - 1 1/2"Bars larger than #5 - 2"
5. Reinforcing steel shall not be bent after being partially embedded in hardened concrete.
6. Bars shall be bent cold and shall not be heated for any reason.
7. Reinforcing bars shall be embedded in concrete in accordance with the following schedule:

Bar Size	Top Bar	Other Bar
#4	22"	13"
#5	27"	17"
#6	32"	21"
#7	38"	25"

8. Reinforcing bars shall be lapped in concrete in accordance with the following schedule

Bar Size	Top Bar	Other Bar
#4	28"	22"
#5	35"	27"
#6	42"	32"
#7	49"	38"



1 ELEVATOR PIT SECTION
1/2"=1'-0"

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STORE SPACE
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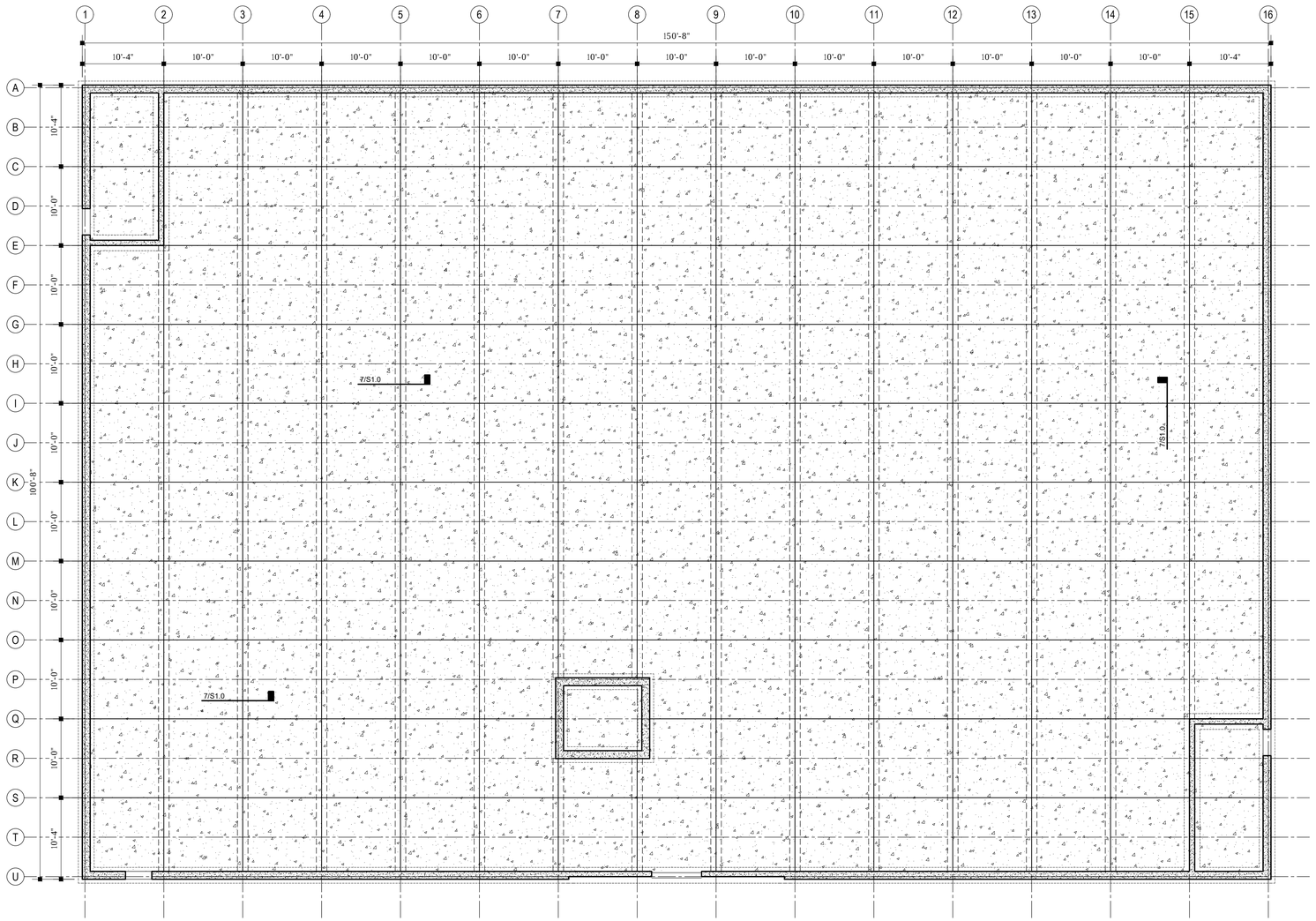
No.	Description	Date	By

DATE: 3-17-2023
DRAWN BY: A. Brose
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

FOUNDATION DETAILS

S1.1



1 CONTROL JOINT PLAN
1/8"=1'-0"

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No.	Description	Date	By

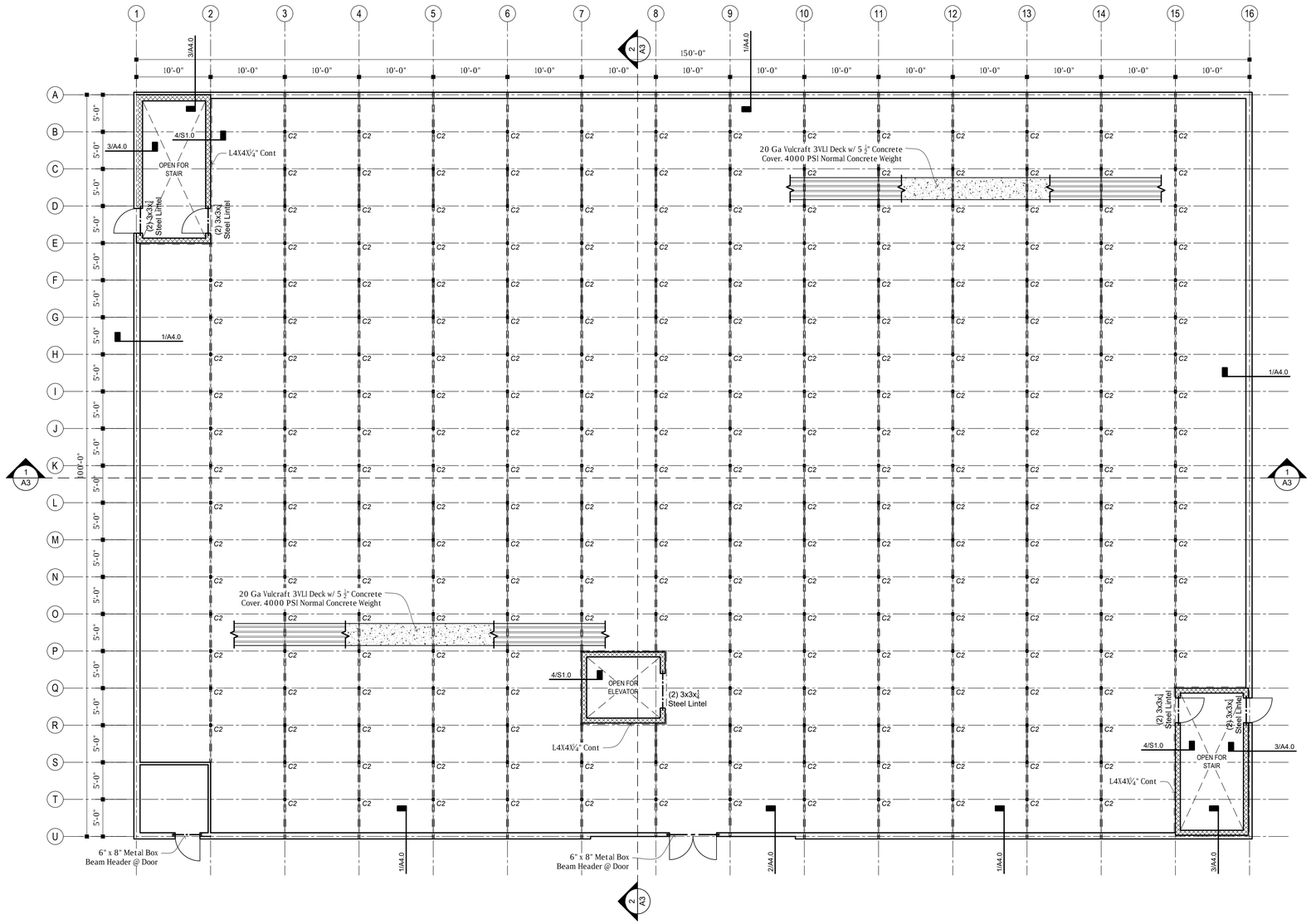
DATE: 3-17-2023

DRAWN BY: A. Brose
CHECKED BY: M. Dean

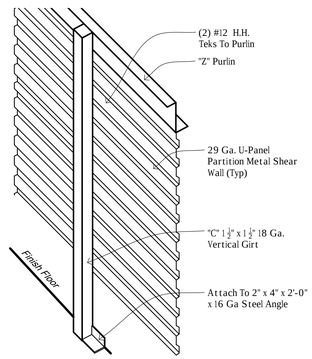
SCALE: 1/8"= 1'-0"

CONTROL JOINT PLAN

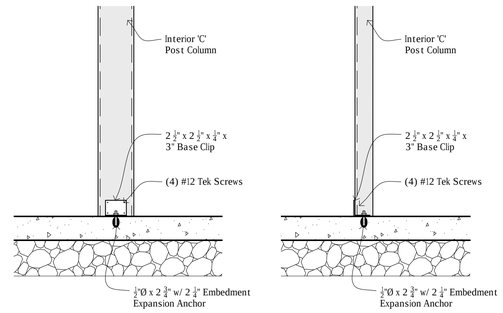
S1.2



1 1ST FLOOR FRAMING PLAN
1/8"=1'-0"



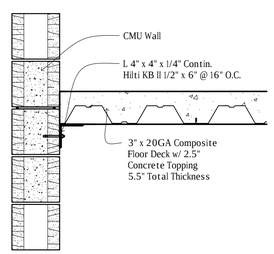
2 VERTICAL GIRT DETAIL
1"=1'-0"



3 TYPICAL 'C' POST TO SLAB
1"=1'-0"

Framing Schedule	
Label	Description
C1	CEE Post- 4" x 2 ½" (16 Ga) Columns At 5'-0" O.C. Interior Posts Need Cont 1 ½" (16 Ga) Hat Channel @ Mid-Height Bracing Typ All Walls
C2	I Post- (2) 3.63" x 1.5" (16 Ga)
C3	(2) 600 S 137-68 14 Ga 6" Metal Studs @ 16" O.C.
P1	Roof Purlin- 6" Zee x 2 ½" (16 Ga)
H1	Header- 8" x 2 ½" (12 Ga) CEE w/ 6 #12 Tek Screws (3 Each Post) Each End
H2	Header- 12" x 2 ½" (16 Ga) Box Beam Header

Notes:
1. All Partition Panels Are 29 Ga PBU w/ #12 Tek Screws @ 16" O.C.
2. Verify All Dimensions & Elevations w/ Arch Drawings As Well As Door Sizes & Locations



4 STEEL PERIMETER ANGLE @ STAIR & ELEVATOR ENCLOSURE
1/8"=1'-0"

Lintel Span Chart					
Wall Thickness	Span				
	3 Foot Steel Angles	3 Foot Wood	4 Foot Steel Angles	5 Foot Steel Angles	6 Foot Steel Angles
8"	(2) 3 x 3 x 1/4"	2x8 (2) 2x4	(2) 3 x 3 x 1/4"	(2) 3 x 3 x 1/4"	(2) 4 x 3½ x 1/4"
12"	(3) 3 x 3 x 1/4"	2x12 (2) 2x6	(3) 3 x 3 x 1/4"	(3) 3½ x 3½ x 1/4"	(3) 4 x 3½ x 1/4"
Unless Otherwise Specified, All Dimensions Are Stated In Inches.					
Long Leg of Angle Shall Be Places In The Vertical Position.	7 Foot Steel Angles		8 Foot Steel Angles	10 Foot Steel Beam	12 Foot Steel Beam
Wood Lintels Are Not To Be Used For Spans Over 3 Feet Because of Failure During Fire	(2) 5 x 3½ x 5/16"		(2) 6 x 3½ x 5/16"	W8x10 w/ 7 5/8" Bot. Pl.	W8x28 w/ 7 5/8" Bot. Pl.
	(3) 5 x 3½ x 5/16"		(3) 6 x 3½ x 5/16"	W8x10 w/ 11 5/8" Bot. Pl.	W8x28 w/ 11 5/8" Bot. Pl.

MARK A. DEAN ARCHITECT

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22-110

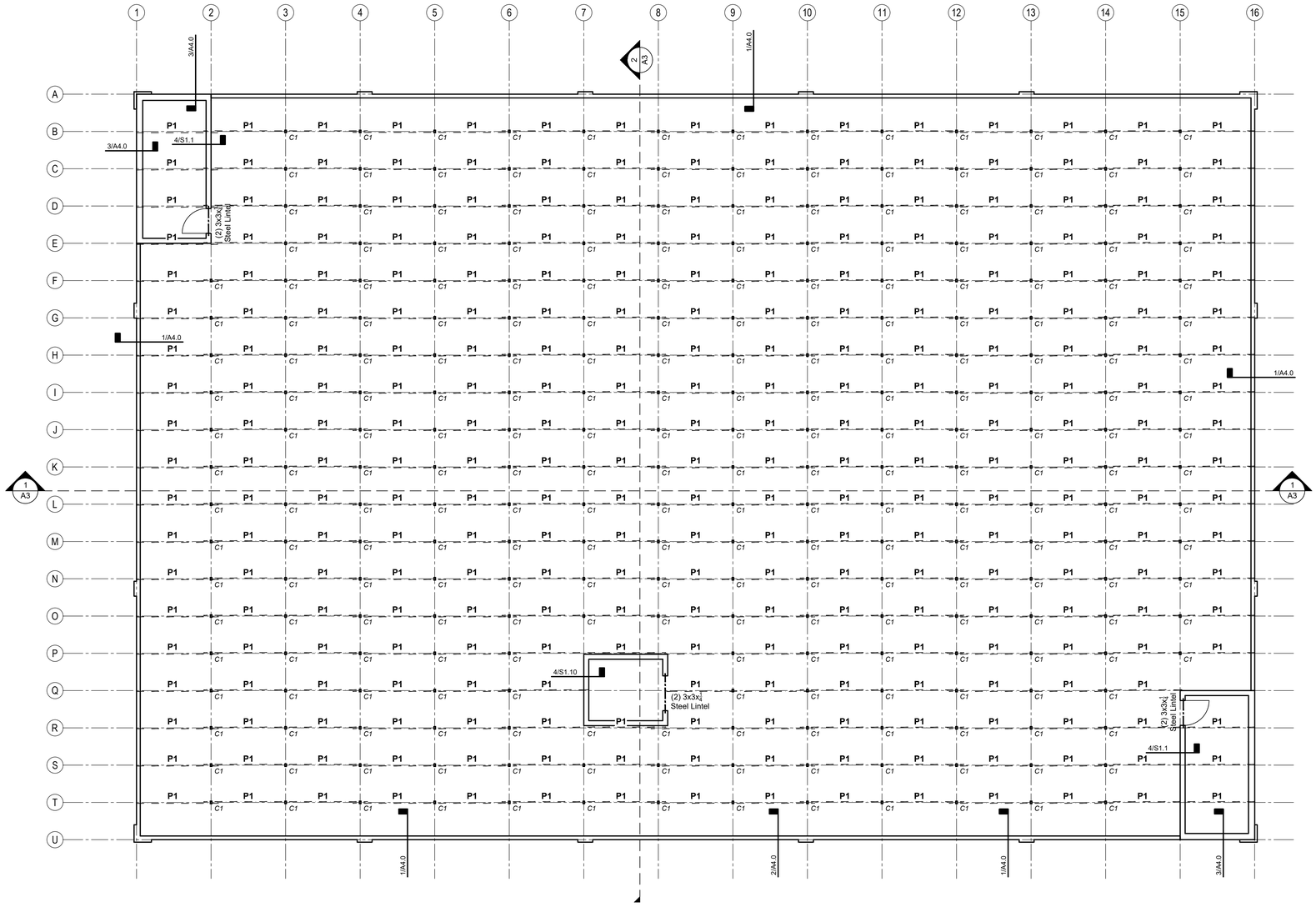
STORE SPACE
STORAGE CAP ELON, LP
L070
931 East Haggard Ave.
Elon, North Carolina 27244

No.	Description	Date	By

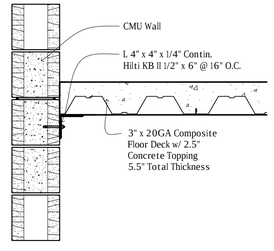
DATE: 3-17-2023
DRAWN BY: M. Kasperek
CHECKED BY: M. Dean
SCALE: 1/8"= 1'-0"

1ST FLOOR FRAMING PLAN

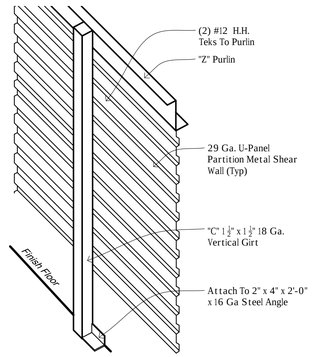
S2.0



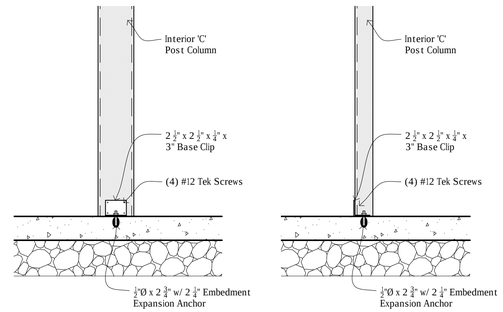
1 ROOF FRAMING PLAN
1/8"=1'-0"



4 STEEL PERIMETER ANGLE @ STAIR & ELEVATOR ENCLOSURE
1/8"=1'-0"



2 VERTICAL GIRT DETAIL
1"=1'-0"



3 TYPICAL 'C' POST TO SLAB
1"=1'-0"

Framing Schedule	
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P1	Roof Purlin- 6" Zee x 2 1/2" (16 Ga)
H1	Header- 8" x 2 1/2" (12 Ga) CEE w/ 6 #12 Tek Screws (3 Each Post) Each End
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Notes:
1. All Partition Panels Are 29 Ga PBU w/ #12 Tek Screws @ 16" O.C.
2. Verify All Dimensions & Elevations w/ Arch Drawings As Well As Door Sizes & Locations

Lintel Span Chart					
Wall Thickness	Span				
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12"	(3) 3 x 3 x 1/4"	2x12 (2) 2x6	(3) 3 x 3 x 1/4"	(3) 3½ x 3½ x 1/4"	(3) 4 x 3½ x 1/4"
Unless Otherwise Specified, All Dimensions Are Stated In Inches. Long Leg of Angle Shall Be Places In The Vertical Position. Wood Lintels Are Not To Be Used For Spans Over 3 Feet Because of Failure During Fire		7 Foot Steel Angles	8 Foot Steel Angles	10 Foot Steel Beam	12 Foot Steel Beam
		(2) 5 x 3½ x 5/16"	(2) 6 x 3½ x 5/16"	W8x10 w/ 7 5/8" Bot. Pl.	W8x28 w/ 7 5/8" Bot. Pl.
		(3) 5 x 3½ x 5/16"	(3) 6 x 3½ x 5/16"	W8x10 w/ 11 5/8" Bot. Pl.	W8x28 w/ 11 5/8" Bot. Pl.

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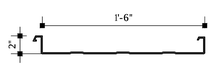
SCALE: 1/8"= 1'-0"

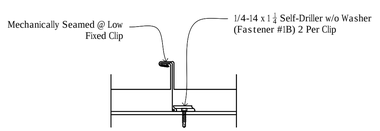
ROOF FRAMING PLAN

S2.1

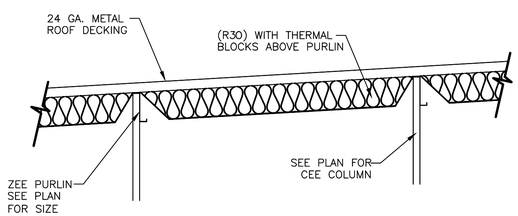
1 ROOF SHEETING PLAN
1/8"=1'-0"



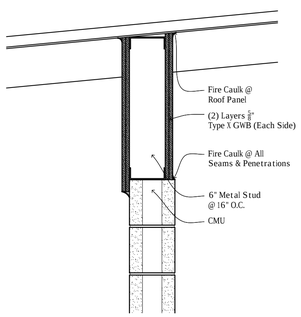
2 ROOF PANEL DETAIL
1 1/2"=1'-0"



3 ROOF PANEL LAP SECTION
1 1/2"=1'-0"



4 ROOF INSULATION DETAIL
1 1/2"=1'-0"



STAIR & ELEVATOR 5 ENCLOSURE TERMINATION
1"=1'-0"

Notes:
1. All Exterior Cee Columns Are To Be 4"x2 1/2"x16 Gauge. Cee Columns @ 2'-0" O.C., Provide Continuous 2x16 Gauge Flat Strapping Each Side At Mid-height At All Metal Siding Areas (U.N.O.)

2. Provide Continuous L 4x4x16 Gauge Attached To Cee's w/ (2) #12 TEKS For Support Of Roof Deck Edge. Typical At All Edges

3. Transverse Bearing Shearwall: Base Clip Each Post w/ 4"x2 1/2"x16 Gauge Cee Posts @ 5'-0" O.C. Use 29 Gauge Panels w/ #10 TEK Screws @6" O.C. At Edges and Sidelaps. Provide 1 1/2"x16 Gauge Hat Channels At 1/3 Points Along Other Side

4. Verify All Dimensions and Elevations w/ Architectural Drawings

Notes:
1. 24 Ga Vertical Standing Seam Roof System, Mechanically Seamed Roof System w/ Concealed High Floating Clips

2. R-30 Sag & Bag Vinyl-Reinforced Roof Insulation For Climate Controlled Building

3. 6" 26 Ga Prefinished Gutters, Downspouts & Rake Trim w/ A Siliconized Polyester Finish

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ROOF SHEETING PLAN

S2.2