

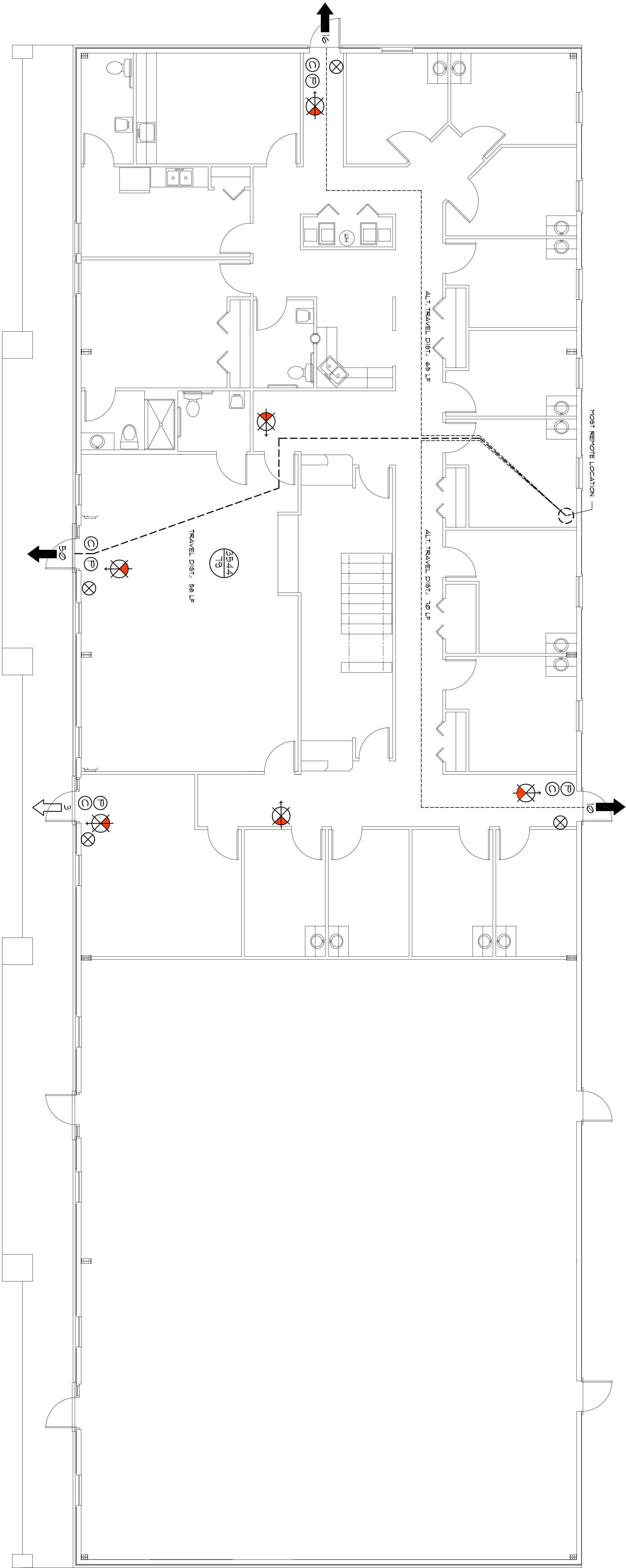
Dr. UKAEGBU, M.D.

Columbia County, Florida



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LIFE SAFETY PLAN

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

OCCUPANCY LOAD - BUSINESS

USAGE/AREA	AREA	OCCUPANTS
WAITING ROOM	651.4 SF	44 OCCUPANTS
PASSAGEWAY	519.2 SF	6 OCCUPANTS
LAB / EXAM RM'S	959.9 SF	16 OCCUPANTS
RESTROOM	203.5 SF	4 OCCUPANTS
OFFICE/BUSINESS	452.1 SF	5 OCCUPANTS
CHECK-IN/RECEPTION	233.6 SF	2 OCCUPANTS
UN-OCCD LEASE AREA	293.0 SF	0 OCCUPANTS
BUILDING WALLS	1043.4 SF	2 OCCUPANTS
BUILDING TOTALS	1500.0 SF	79 OCCUPANTS

EXIT ACCESS TRAVEL DISTANCE

PER **FBC 10B, TABLE 10B.1**

OCCUPANCY - BUSINESS

150 FT. (DUO SPRINKLER SYSTEM)

250 FT. (W/SPRINKLER SYSTEM)

LEGEND

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT PER 2010 FBC 1006.3.1, 1006.3.1.1, 1006.3.2.1
- WALL HING "ABC" FIRE EXTINGUISHER
- DOOR CLOSER FOR EXITING OR RATING RELAYING
- PANIC DEVICE
- DUAL HEAD EMERGENCY LIGHTING W/ BAT. PK. PER 2010 FBC 1006.1
- AREA SQUARE FOOTAGE
- PRIMARY EGRESS
- ALTERNATE EGRESS
- EXIT CAPACITY

NOTE:
EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE MAINTAINED PER 1006.3.1.

NOTE:

EMERGENCY LIGHTING SHALL BE MOUNTED NOT LESS THAN 8'0" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE INTERLOCKED TOGETHER POWERED FROM EACH STONE PANEL (BATTERY BACKUP)

NOTE:

MAXIMUM COMMON PATH OF EGRESS IS LESS THAN 12'-0" FROM ALL LOCATIONS PER 2011 FBC 1014.3

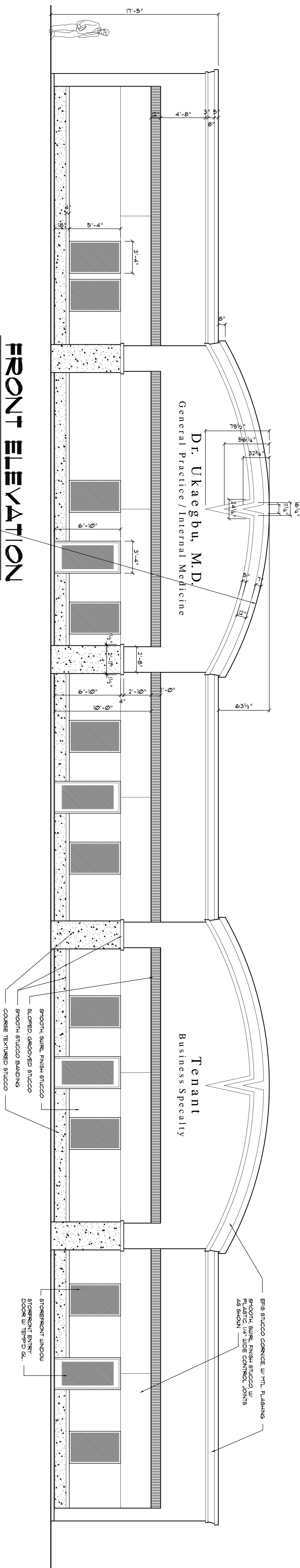
NOTE:

ALL DOOR NUMBERS AND ROOM SIGNAGE SHALL BE MAINTAINED PER 1006.3.1

NOTE:

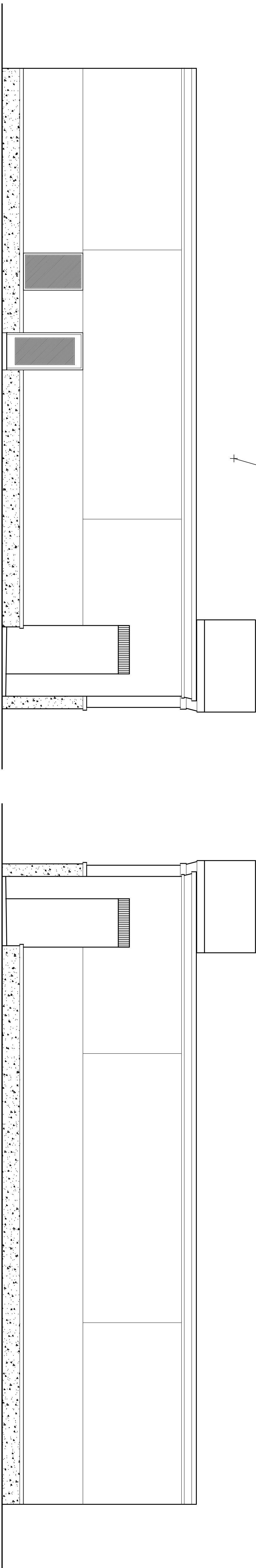
TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS, SECONDARY EN EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN

8" SQ. MALTESE CROSS w/ "F/R" IDENTIFIER SIGNAGE, MOUNTED 8' 60" ABV. WALKWAY LOCATE AS DIRECTED BY THE FIRE MARSHAL



front elevation

SCALE: 3/16" = 1'-0"

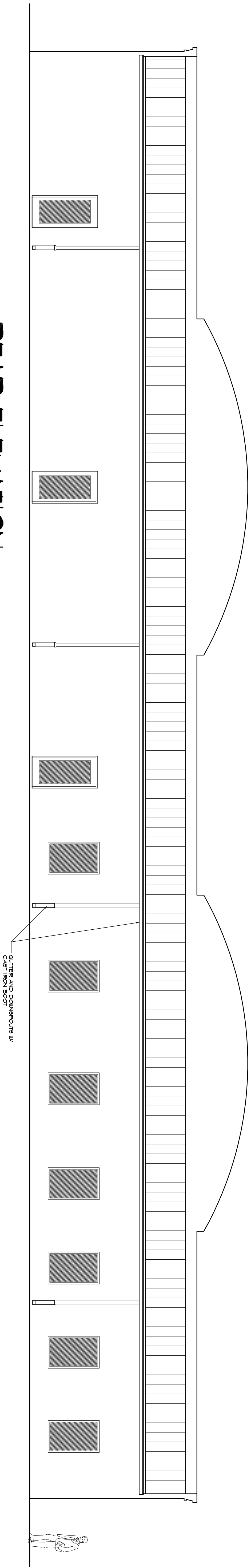


NOTES ON DEFINITION

SCALE: 3/16" = 1'-0"

THE SEDIMENTATION

SCALE: 3/16" = 1'-0"



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SCALE: 3/16" = 1'-0"

- GUTTER AND DOWNSPOUTS W/ CAST IRON BOOT

ROOF DECK PER PLAN

EXTEND WALL FRAMING TO UNDERSIDE OF ROOF DECK AS SHOWN

WOOD STUDS SHALL BE NOM. 2"x4" SPACED @ 6" O.C. & CROSS BRIDGED

CEILING INTERIORS: GYPS OR SUED ACROUSTIC LAY IN TILES

5/8" GYB, FIRECODE "C", BOTH SIDES OF STUDS APPLIED EITHER HORIZONTALLY OR VERTICALLY

STILL SCRS. SPACED 12" O.C. ALONG W/ PLATES AND STUDS - JOINTS SHALL BE COVERED W/ JOINT TAPE & COMPOUND, SCREW HEADS SHOULD BE COVERED W/ JOINT COMPOUND

WALL CAVITY MAY OR MAYNOT BE FILLED MINERAL WOOL INSULATION - OPTIONAL

FLOOR SLAB, PER PLAN

FOUNDRY

SCALE: 3/16" = 1'-0"

GRAPHIC SCALE

A vertical graphic scale for the bar chart. It consists of a vertical line with horizontal tick marks at intervals of 2 units, labeled 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, and 20. The scale is used to measure the height of the bars in the chart.

Floor Plan Notes:

NOTE:
PROVIDE 3/16 BAKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF CABINETS TO BE 1"-Ø" AFF.
CABINET CONTROLS, SHELVES AND THE LITE SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TO THESE DRAWINGS. HARDWARE AND FINISHES AS DESCRIBED BY THE OWNER, THE PLAN AND THE SPECIFICATIONS SHALL BE THE BASIS FOR THE WORK. ALL OTHERS DETAILED AND ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINE LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

ALL OTHER INFORMATION
DIRECTED BY THE OWNER

09	FILE #HLLVNG0701EN AS PROVIDED BY THE OWNER
10	PROVIDE KEY LOCKING DOOR HARDWARE
11	H/C TOILET LAVATORY AND GRIP RAIL PER ADA STD'S
12	SPECIFY RANGER EQUIPMENT.
13	5/8 SINK W/ PLUMBING ACCESSORIES
14	FIBERGLASS SHOWER UNIT W/ PLUMBING ACCESSORIES
15	GENERATOR BY OWNER

GENERAL INTERIOR FINISH SCHEDULE

OFFICE FLOOR AREA:

OFFICE FLOOR AREA: CARPET AND PAD, PATTERN & COLOR AS PER THE OWNER OF LAMINATE STRIP WOOD - SEE OWNER FOR CHANGES

R/R FLOOR AREA:

RR FLOOR AREA: SHEET VINYL OR THINSET TILE, PATTERN & COLOR AS SELECTED BY THE OWNER

PASSAGEWAY FLOOR AREA:

PASSAGEWAY FLOOR AREA: BY THE OWNER

ROOM FLOOR AREA:

ROOM FLOOR AREA

BY THE OWNER - SEE OWNER FOR CHANGES

THE OWNER - MATCH WITH FLOORING

AS DIRECTED BY THE COURT

FOR CLERK BEHOLD AND BARRISTER, COATS, ATTORNEY, BARRISTER

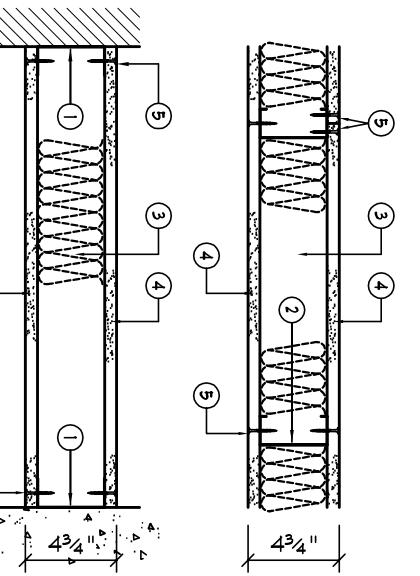
MAIN CELLING: AS PER REFLECTED CEILING PLAN

APPLIED FINISHES:
APPLIED FINISHED TO GUB, i.e. SPRAY, KNOCK-DOWN, SKIP-TROU

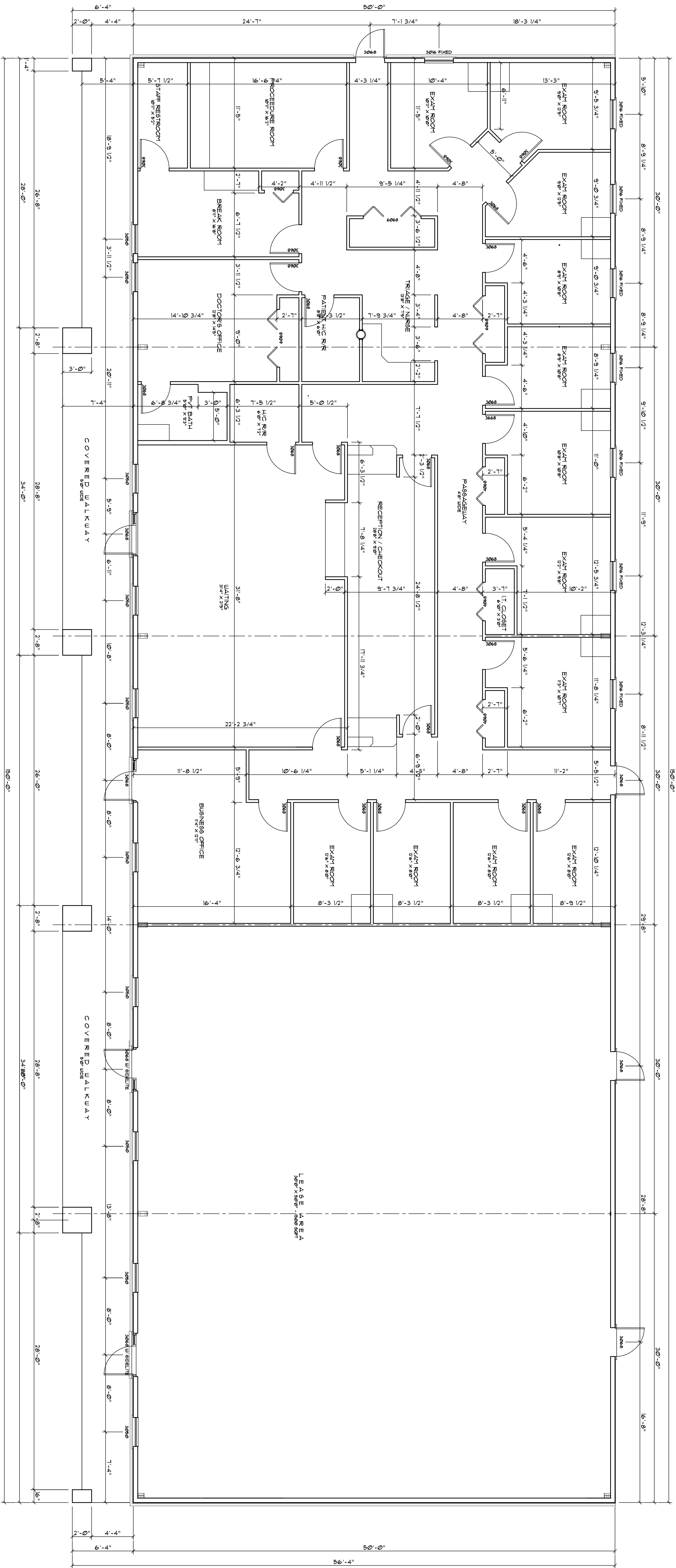
CABINETS: AS SELECTED BY THE OWNER. MINIMUM API GRADE: "CUSTOM" - A

Design No. U465

Nonbearing Wall Rating-1 Hr.



4. **Joint Types and Compound** – Why dry or premixed joint compound applied in two coats to joints and corners? – Paper tape embedded in 1st layer of compound over all joints, as an alternative to mesh tape. The compound was sanded, joints reinforced with a 2nd layer of compound.



DIMENSION PLAN

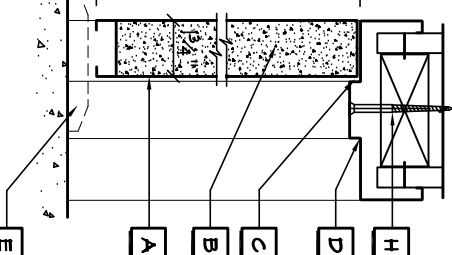
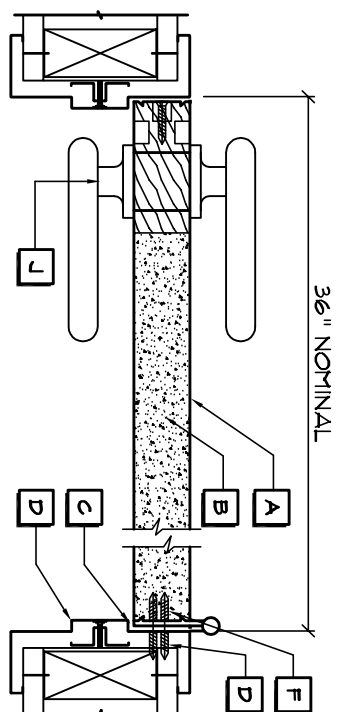
SCALE: 3/16" = 1'-0"

HEIGHT DIMENSIONS:
REFER TO SHEET A1 FOR VERTICAL DIMENSIONS

GRAPHIC SCALE

Interior Door Details

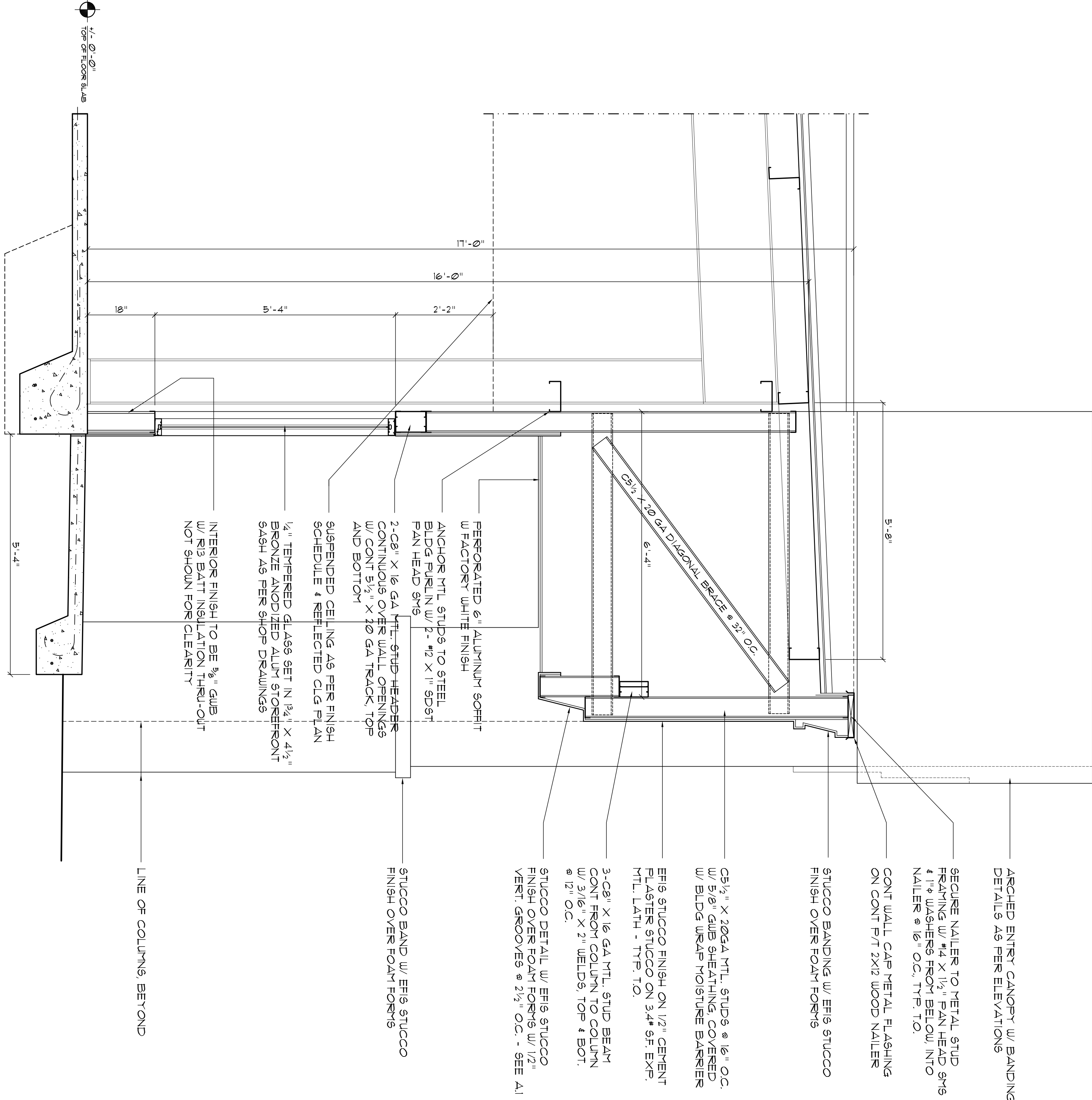
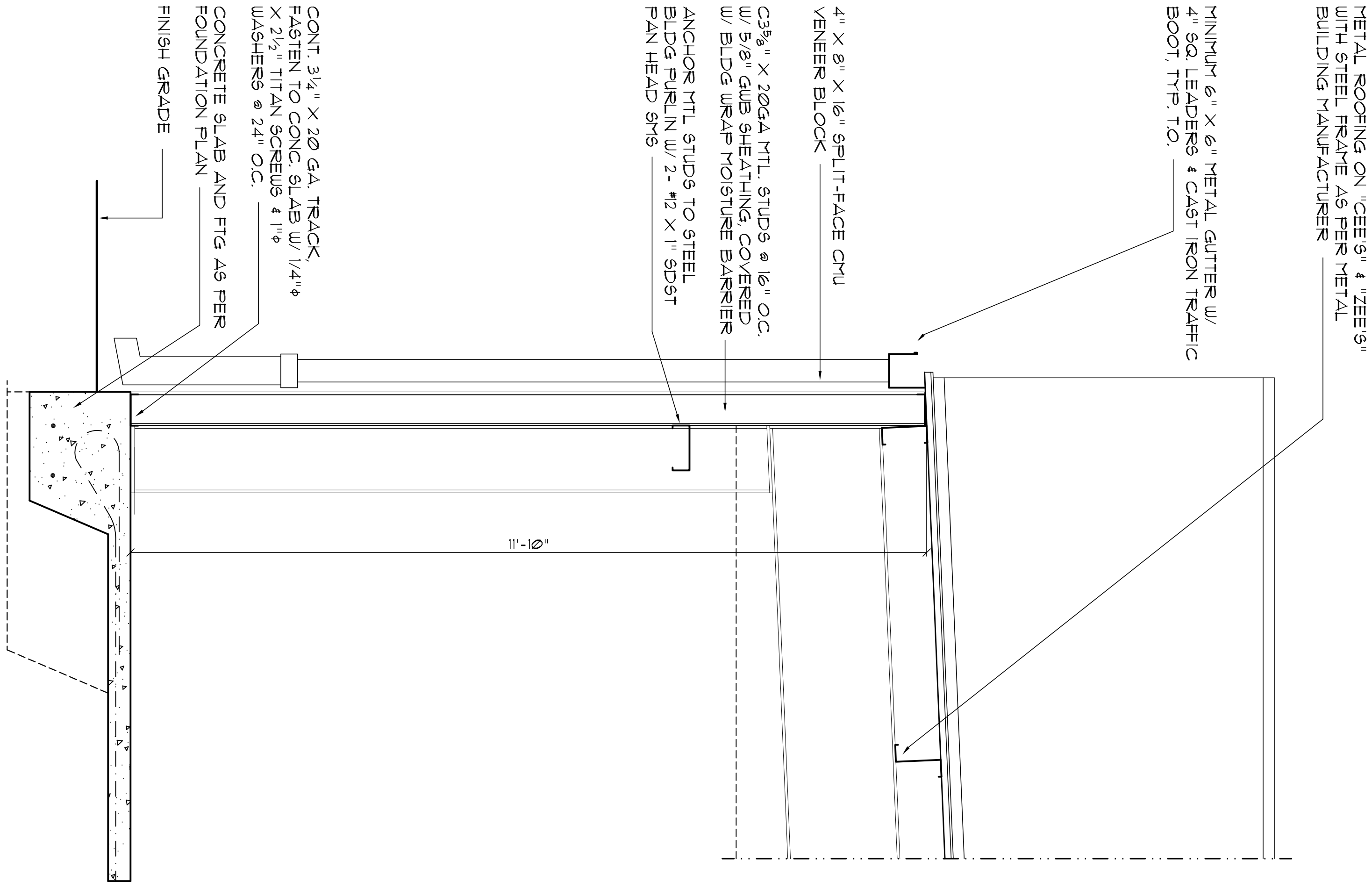
SCALE: NONE



DESIGN PRESSURE RATINGS	
POSITIVE	+16.0 PSF
NEGATIVE	-16.0 PSF
* WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	

- Door Notes**
- A FIBERGLASS VENEER SKIN (OR EQUAL)
 - B SOLID CORE
 - C COMPRESSION BATTERS
 - D STEEL HEAD / JAMB - PAINTED 1 COATS
 - E ALUMINUM THRESHOLD w/ WEATHER SEAL
 - F #6-14 X 1/2" PHX (4) SCREWS PER HINGE INTO DOOR
 - G #6-14 X 1/2" PHX (4) SCREWS PER HINGE INTO JAMB
 - H 1/2" X 7" FIBERS (1) SCREWS THROUGH HEAD INTO LEADER
 - I DOOR HARDWARE AS SELECTED BY OWNER

- NOTE**
ALL WOOD STAIN GRADE SWING DOORS SHALL BE RED OAK (EXCERPT WOODEN DOOR)
- NOTE**
ALL WOOD STAIN GRADE BI-DOORS SHALL BE CLEAR PINE - NO FINGER JOINTS
- NOTE**
ALL PAINT GRADE VERTICAL JAMBS SHALL BE MILED IN FACTORY FINISH W/ NO DENTS OR BLEMISHES
- NOTE**
ALL PAINT GRADE VERTICAL DOORS SHALL BE PER TYPE STYLES, W/ FACTORY FINISH W/ NO DENTS OR BLEMISHES - TYPICAL TYPE "E" THROUGH TYPE "I"
- NOTE**
ALL WOOD DOORS MAY BE FACTORY FINISHED WITH STAIN AND VARNISH
- NOTE**
ALL PAINT GRADE DOORS AND FRAMES SHALL BE FINISHED W/ 2 COATS ALKYLE ENAMEL, GRAY APPLIED



The figure consists of 12 horizontal diagrams arranged vertically, illustrating the steps of a 'writing' process. The diagrams are as follows:

- 1. A single horizontal line.
- 2. A single horizontal line with a small upward tick on the left end.
- 3. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end.
- 4. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side.
- 5. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side.
- 6. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle.
- 7. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side.
- 8. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side.
- 9. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side, and a small loop in the middle.
- 10. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side, and a small loop in the middle, and a small loop on the left side.
- 11. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side.
- 12. A single horizontal line with a small upward tick on the left end and a small downward tick on the right end, with a small loop on the left side and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side, and a small loop in the middle, and a small loop on the left side, and a small loop on the right side.

GENERAL STRUCTURAL NOTES

G E N E R A L

1. THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT, DESIGN AND EXTENT OF THE WORK AND ARE PARTIALLY DIAGNOSTIC. THEY ARE NOT INTENDED TO BE SCALED FOR ROAD MEASUREMENTS, OR TO SERVE AS SHOP DRAWINGS OR FORMS THEREOF.
2. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.
3. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR AND ALL THE SUBCONTRACTORS SHALL VERIFY ALL GRADES, LINE LEVELS, DIMENSIONS AND COORDINATE EXISTING CONDITIONS AT THE JOB SITE WITH THE PLANS AND SPECIFICATIONS. THEY SHALL REPORT ANY INCONSISTENCIES OR ERRORS IN THE ABOVE TO THE ARCHITECT/ENGINEER BEFORE COMMENCING WORK. ANY DISCREPANCIES OR ERRORS SHALL BE CORRECTED BEFORE WORK FROM ESTABLISHED REFERENCE POINTS AND BE RESPONSIBLE FOR ALL LINES, ELEVATIONS AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
4. IF ANY ERRORS OR OMISSIONS APPEAR IN THE DRAWINGS, GENERAL NOTES OR OTHER DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY. NO CORRECTIONS TO THE DRAWINGS OR ANY WORK WHICH APPEARS IN CONNECTION WITH THE EVENT OF THE CONTRACTORS FAILING TO GIVE SUCH AN ADVANCED NOTICE OR SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS OR OMISSIONS AND THE COST OF RECTIFYING THE SAME.
5. THE CONTRACTOR SHALL USE THE STRUCTURAL DRAWINGS AND SPECIFICATIONS TOGETHER WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND OTHER TRADE DRAWINGS AND SHOP DRAWINGS TO LOCATE DERESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, BOLT SETTING, SLEEVES, DIMENSIONS, ETC., NOTIFY ARCHITECT/ENGINEER IN WRITING, OF ANY POTENTIAL CONFLICTS BEFORE PROCEEDING WITH THE WORK.

SHOP DRAWINGS AND DELEGATED ENGINEERING

1. ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR ENGINEER'S REVIEW AND APPROVAL. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY CHANGES TO THE SHOP DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR'S APPROVAL, REQUIREMENTS, AND STAMPED WITH THE CONTRACTOR'S APPROVAL, SHALL BE THE ARCHITECT'S RESPONSIBILITY FOR DIMENSIONS, QUANTITIES, ENGINEERING DESIGN BY DELEGATED ENGINEERS, ERRORS OR OMISSIONS, AS A RESULT OF REVIEWING ANY SHOP DRAWINGS. ANY ERRORS OR OMISSIONS SHALL BE CORRECTED BEFORE WORK COMMENCES. THE CONTRACTOR SHALL CHECKING OR REVIEW OF DRAWINGS BY THE ARCHITECT AND EVEN THOUGH WORK IS DONE IN ACCORDANCE WITH SUCH DRAWINGS.
2. BEFORE STRUCTURAL INSPECTIONS CAN BE MADE ON A PORTION OF THE STRUCTURE, ALL RELATED SHOP DRAWINGS DELEGATED ENGINEERING, SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT/ENGINEER. INFORMATION MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECT-OF-RECORD AND APPROVED BY THE BUILDING DEPARTMENT.
3. SHOP DRAWINGS SHALL CONTAIN ALL INFORMATION SHOWN ON THE STRUCTURAL PLANS (RELATED TO THE DELEGATED DESIGN) INCLUDING ALL DIMENSIONS, MATERIALS, AND FINISHES. THE INFORMATION REQUIRED BY THE DELEGATED ENGINEER'S DESIGN.
4. A/E WILL REVIEW ALL SUBMITTED SHOP DRAWINGS, PREPARED AND SIGNED AND SEALED BY THE CONTRACTOR'S DELEGATED ENGINEER ONLY FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT, REQUIRED LOADING AND COORDINATION WITH THE STRUCTURAL DESIGN.
5. CONTRACTOR SHALL SUBMIT TO THE A/E ONLY ONE SET OF SEPIA AND TWO SETS OF BLUE PRINTS OF THE STRUCTURAL SHOP DRAWINGS FOR A/E REVIEW BEFORE STARTING FABRICATION. THE A/E WILL RETURN THE MARKED-UP AND SIGNED SETS TO THE CONTRACTOR. THESE SIGNED COPIES SHALL BE USED TO CORRECT THE SHOP DRAWINGS AND FOR CONSTRUCTION. SETS OF BLUE PRINTS WITHOUT SEPIA WILL NOT BE ACCEPTED.

CONSTRUCTION MEANS AND METHODS

1. THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEEDURES, SAFETY PRECAUTIONS, SHORES, SHORERS, LATERAL BRACING AND PROGRANS IN CONNECTION WITH THE PROJECT, ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OUR SERVICES DO NOT GUARANTEE NOR ASSURE LIABILITY FOR THE JOB SAFETY, TEMPORARY SHORING AND BRACING AND THE PERFORMANCE OF THE CONTRACTOR.
 2. THE CONTRACTOR IS RESPONSIBLE AND SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF THE STANDARD BUILDING CODE AND APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
 3. PROVIDE ALL SHORING, BRACING AND SHEETING AS REQUIRED FOR SHEET PILING. THE CONTRACTOR SHALL MAINTAIN THE PROPER EXECUTION OF THE WORK. REMOVE WHEN WORK IS COMPLETED.
 4. PROVIDE AND MAINTAIN GUARD LIGHTS AT ALL BARRICADES, RAILINGS, OBSTRUCTIONS IN THE STREETS, ROADS OR SIDEWALKS AND ALL TRENCHES OR PITS ADJACENT TO PUBLIC WALKS OR ROADS.
 5. AT ALL TIMES, PROVIDE PROTECTION AGAINST WEATHER, RAIN, WIND STORMS OR THE SUN, SO AS TO MAINTAIN ALL WORK MATERIALS, APPARATUS AND FIXTURES FREE FROM INJURY OR DAMAGE.
 6. AT THE END OF THE DAYS WORK, COVER ALL WORK, LIKELY TO BE DAMAGED AND UNDOABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT WITH NEW WORK AT THE CONTRACTORS EXPENSE.
 1. THE CONTRACTOR SHALL PAY FOR ALL DAMAGES TO ADJACENT STRUCTURES, SIDEWALKS AND TO STREETS OR OTHER PUBLIC PROPERTY OR PUBLIC UTILITIES.
- STRUCTURAL DESIGN CRITERIA
1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE FOLLOWING BUILDING DEPARTMENT ORDINANCES, CODES, STANDARDS, AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
 2. WIND LOAD CRITERIA:

BASED ON 2004 FBC 1609 BASIC WIND VELOCITY 100 MPH.
 3. ROOF DESIGN LOADS:
COMPOSITE DEAD LOADS..... 15 Psf
SUPERIMPOSED LIVE LOADS..... 30 Psf
 4. FLOOR DESIGN LOADS:
COMPOSITE DEAD LOADS..... 25 Psf
SUPERIMPOSED LIVE LOADS..... 40 Psf
RESIDENTIAL BALCONIES..... 60 Psf
 5. WIND NET UPLIFT: ASR 46 INDICATED ON PLANS

FOUNDATIONS (SPREAD FOOTINGS)

1. FOUNDATIONS ARE DESIGNED TO BEAR ON WELL COMPACTED GRADE OR CLEAN FILL OF AN ALLOWABLE BEARING CAPACITY OF 2500 PSF MAXIMUM. A CERTIFIED TESTING LABORATORY SHALL BE ENGAGED BY THE OWNER TO VERIFY THAT THE REQUIRED BEARING CAPACITY WAS OBTAINED. GRADE SOIL CAPACITY SHALL BE DETERMINED AND TESTED BY A LICENSED FOUNDATION ENGINEER PRIOR TO CASTING OF CONCRETE IN THE FOOTINGS.
2. NATURAL GRADE (OR FILL) BELOW FOOTINGS SHALL BE COMPACTED TO 98% MODIFIED PROCTOR (ASTM D-1557).
3. TOP OF WALL FOOTINGS TO BE AT THE SAME ELEVATION AS TOP OF COLUMN PAD FOOTINGS. STEEP WALL FOOTING FROM HIGHER FOOTING TO THE LOWER ONE (AS DETAILED ON THE PLANS).
4. TOP OF ALL FOOTINGS TO BE A MINIMUM 1'-4" BELOW THE TOP OF CONCRETE SLAB ON GRADE (UNLESS OTHERWISE NOTED) OR MINIMUM 1'-0" BELOW THE FINISHED GRADE. THE EXTERIOR FACE OF THE WALLS SHALL BE STEEP ON EACH SIDE OF THE FOOTING. THE FOOTING SHALL BE 1'-4" BELOW TOP OF THE LOWER SLAB.
5. REINFORCING IN THE CONTINUOUS WALL FOOTINGS (MONOLITHIC AND NON-MONOLITHIC) SHALL BE SPICED 36 BAR DIAMETERS MINIMUM AND SHALL EXTEND CONTINUOUSLY THROUGH ALL FOOTING PADS.
6. ALL LONGITUDINAL REBARS IN THE CONTINUOUS WALL FOOTINGS SHALL BE CONTINUED AT BENTS AND CORNERS BY BENDING THE REBAR 48 BAR DIAMETERS AROUND THE CORNERS OR ADDING MATCHING CORNER BARS, EXTENDING 48 BAR DIAMETERS INTO FOOTING EACH SIDE OF CORNER OR BENT.
1. ALL FOOTINGS SHALL BE 12" MINIMUM THICKNESS.

CONCRETE SLABS ON GRADE:

1. ALL INTERIOR AND EXTERIOR SLABS AND WALLS SHALL BE SHOWN ON THE STRUCTURAL OR ARCHITECTURAL PLANS. SHALL BE FOUR INCHES THICK MINIMUM REINFORCED WITH 6" x 6" - W4 X W4 WELDED WIRE FABRIC (UNLESS OTHERWISE NOTED).
 2. ALL SLABS ON GRADE TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST A.C.I. - GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION (A.C.I. - 302.1R).
 3. JOINTS SHALL BE PROVIDED IN ALL INTERIOR SLABS ON GRADE AT COLUMN CENTER LINES DIVIDING THE SLAB INTO SQUARE PANELS NOT TO EXCEED 12' - 0". JOINTS SHALL BE PROVIDED AT THE EXTERIOR FACE OF THE CONTRACTION JOINT BETWEEN EACH STRIP. SEE PLAN FOR SAUCOT, CONTRACTION AND ISOLATION JOINT DETAILS.
 4. PROVIDE SAW-CUT JOINTS AT ALL 90-DEGREES AT A MAXIMUM SPACING OF FIVE FEET ON COLUMNS AND ISOLATION JOINTS AT 20 FEET O.C. (U.O.N.).
 5. FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12" AND COMPACTED TO 98% MODIFIED PROCTOR (ASTM D-1557) EXTENDING A DISTANCE OF 3 FEET BEYOND ALL FOOTING EDGES. TAKE AT LEAST ONE DENSITY TEST FOR EACH 1600 SQ.FT. OF AREA AND 12" BELOW SURFACE. SEND RESULTS OF THE TEST TO OWNER, ARCHITECT (AND ENGINEER).
- CONCRETE AND REINFORCING

1. CONCRETE DESIGN AND REINFORCEMENT IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (A.C.I. 318 - LATEST EDITION) AND THE FOLLOWING DETAILS AND REINFORCEMENT - (A.C.I. 318 - LATEST EDITION).
2. ALL CONCRETE WORK IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING" (A.C.I. 308 - LATEST EDITION). PRODUCTION OF CONCRETE DELIVERY, PLACING AND CURING TO BE IN ACCORDANCE WITH "CONCRETE PLACING AND MIXING" (A.C.I. 308R - LATEST EDITION).
3. ALL CONCRETE TO BE READY-WEIGHT WITH A DESIGN STRENGTH OF 3000 PSI. AT 28 DAYS. MAXIMUM SLUMP 5".
4. ALL REINFORCING TO BE NEW BILLET STEEL, CONFORMING TO THE LATEST ASTM A-615 GRADE 60 FABRICATED IN ACCORDANCE WITH A.C.I. 318, MANUAL OF STANDARD PRACTICE AND PLACED IN ACCORDANCE WITH A.C.I. 318 AND C-318, MANUAL OF STANDARD PRACTICE.
5. CONCRETE COVER UNLESS OTHERWISE DETAILED ON DRAWINGS:

FOOTINGS: (BOTTOM) 3"
(TOP & SIDES) 2"

SLABS ON GRADE: CENTERED W/SLAB

COLUMNS AND BEAMS: (TO THE TIE) 1-1/2"

6. COLUMN REINFORCEMENT: DOUBLES TO BE SAME SIZE AND NUMBER AS VERTICAL REBAR ABOVE. LAP 36 BAR DIAMETER OR MINIMUM OF 18 INCHES U.O.N. PROVIDE RIGID TIEPLATES FOR DOUBLET LOCATION. PROVIDE STANDARD HOOKS AT TOP OF ALL VERTICAL REINFORCEMENT AT NONCONTINUOUS COLUMNS (U.O.N.).
1. ALL DOUBLES FOR COLUMNS SHALL BE SECURED IN POSITION PRIOR TO CONCRETING. PUSHING THE DOUBLES INTO POSITION IN LEFT CONCRETE IS NOT PERMITTED.
9. BEAM REINFORCEMENT: LAPPED 36 BAR DIAMETERS OR MINIMUM 18 INCHES. BOTTOM BARS SPICED ONLY AT SUPPORTS. TOP BARS SPICED ONLY AT MID-SPAN. ALL TOP BARS HOOKED AT NONCONTINUOUS EDGES (U.O.N.). ALL HOOKS TO BE STANDARD 90 DEGREE HOOKS AS REQUIRED (U.O.N.).

9. ADDED REINFORCEMENT: PROVIDE ADDITIONAL CORNER BARS BENT 36 INCHES MINIMUM EACH WAY AT 1" AND 1" CORNERS IN OUTER FACES OF ALL BEAMS TO MATCH ALL HORIZONTAL BAR (TOP, BOTTOM AND INTERMEDIATE REBARS).
10. SEE PLAN FOR MINIMUM 9" SIZE CONCRETE TIE BEAM REQUIREMENTS.

STRUCTURAL STEEL (SHOP DRAWINGS REQUIRED)

1. ALL STRUCTURAL STEEL TO BE DOMESTIC ASTM A-36 (Fy 36 KSI) AND DESIGNED IN ACCORDANCE WITH THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND THE AISC CODE OF STANDARD PRACTICE.
2. STEEL TUBES TO BE DOMESTIC STEEL CONFORMING TO ASTM A-500 GRADE B (Fy 46 KSI).
3. ALL COLUMN BASE AND CAP PLATES SHALL BE 3/4" THICK (UNLESS OTHERWISE NOTED). WIDTH AND LENGTH AS REQUIRED FOR PROPER BOLTING AND AS INDICATED ON THE PLANS AND DETAILS.

4. ALL WELDING TO BE IN ACCORDANCE WITH AWS D1.1, LATEST "STRUCTURAL WELDING CODE - STEEL", CLEAN AND RUSTPROOF ALL FIELD WELDS WITH HEAVY DUTY RUSTPROOFING PAINT.
5. ALL CONNECTIONS TO BE FIELD AND SHOP WELDED AND TO DEVELOP MEMBER IN SHEAR.
6. SPICE LOCATIONS TO BE REVIEWED BY ARCHITECT/ENGINEER
1. STEEL BEARING ON STEEL TO BE WELDED THERE TO.

COLD FORMED METAL FRAMING (SHOP DRAWINGS REQUIRED)

1. ALL COLD FORMED METAL FRAMING SHALL BE DOMESTIC ASTM A-653 (Fy 33 KSI) STEEL, AND DESIGNED IN ACCORDANCE WITH THE LATEST 88-14 SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF COLD FORMED METAL FRAMING AND THE 88-14 CODE OF STANDARD PRACTICE.
2. ALL GPF COMPONENTS SHALL BE MANUFACTURED AS PER ASTM C 955 AND BE GALVANIZED WITH A MINIMUM G-60 COATING PER ASTM C 955.

- ALL PRODUCTS SHALL BE FREE OF RUST, BENT, BEAMS 1" TUBES AND STORED ON A FLAT PLANE PRIOR TO INSTALLATION IN THE WORK.

3. ALL WELDING TO BE IN ACCORDANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE - STEEL", CLEAN AND RUSTPROOF ALL FIELD WELDS WITH ZINC RICH RUSTPROOFING PAINT.
4. BOTTOM TRACK SHALL BE SECURED TO THE CONCRETE FOUNDATION W/ ANCHOR BOLTS AS PER THE FOUNDATION PLAN AND SHALL BE FURTHER FASTENED AT EA FULL STUD W/ 1/4" x 1 1/4" PAD SHOT THROUGH A 1/4" x 1/4" G4 HOLESLESS W/ANCHER.
5. ALL CONNECTIONS TO BE FIELD AND SHOP WELDED AND TO FULLY DEVELOP MEMBER IN SHEAR.
6. SPICE LOCATIONS TO BE REVIEWED BY ARCHITECT/ENGINEER
1. STEEL BEARING ON STEEL TO BE WELDED THERE TO.

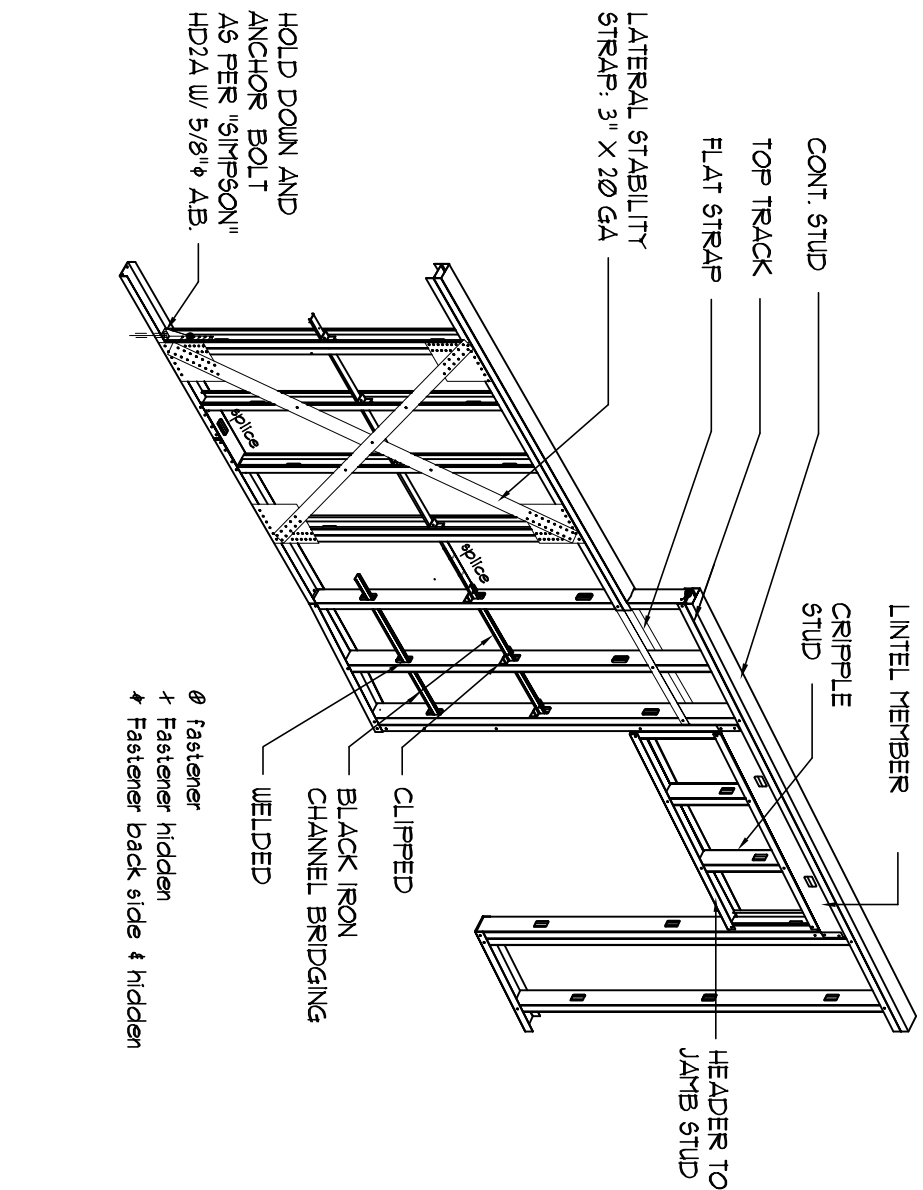
SUMMARY

REFER TO MAIN TEXT FOR EXPANDED NOTES

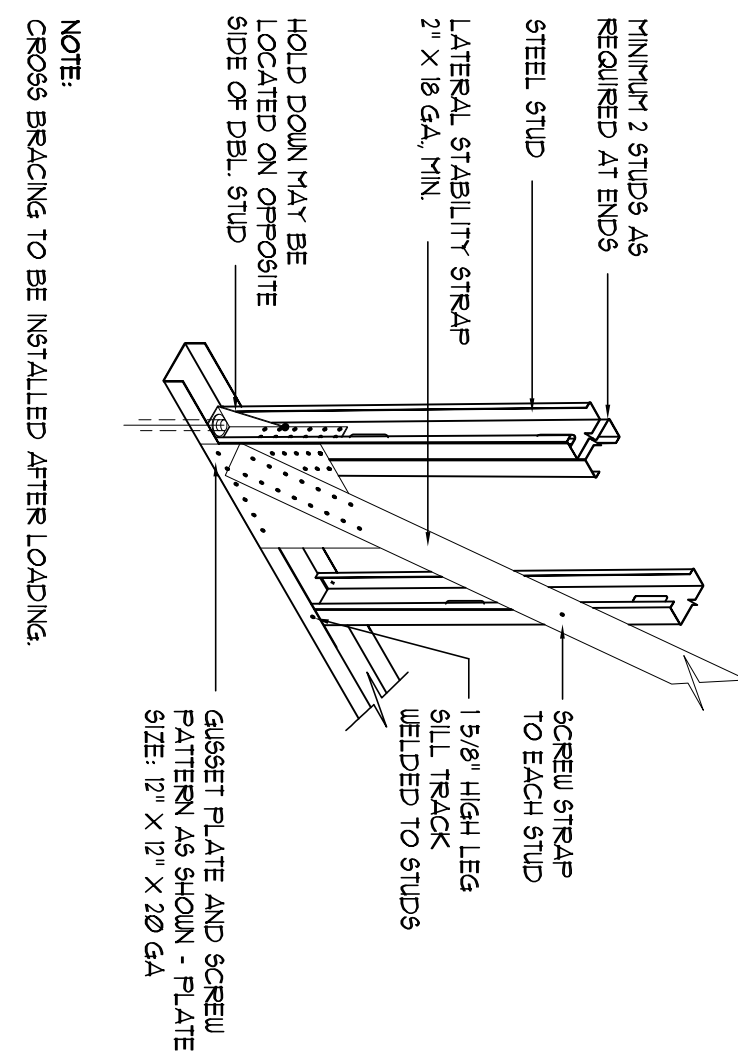
CONCRETE / MASONRY / METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GRAD SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPACTED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 2500 SQ. FT. OF BUILDING PAD AREA OR PROACTION THEREOF FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A660 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX P.C. = 2500 PSI FOR ALL FTGS. 3000 PSI STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER A.C.I. STANDARDS.
1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A588 STANDARD FOR STEEL. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
8. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

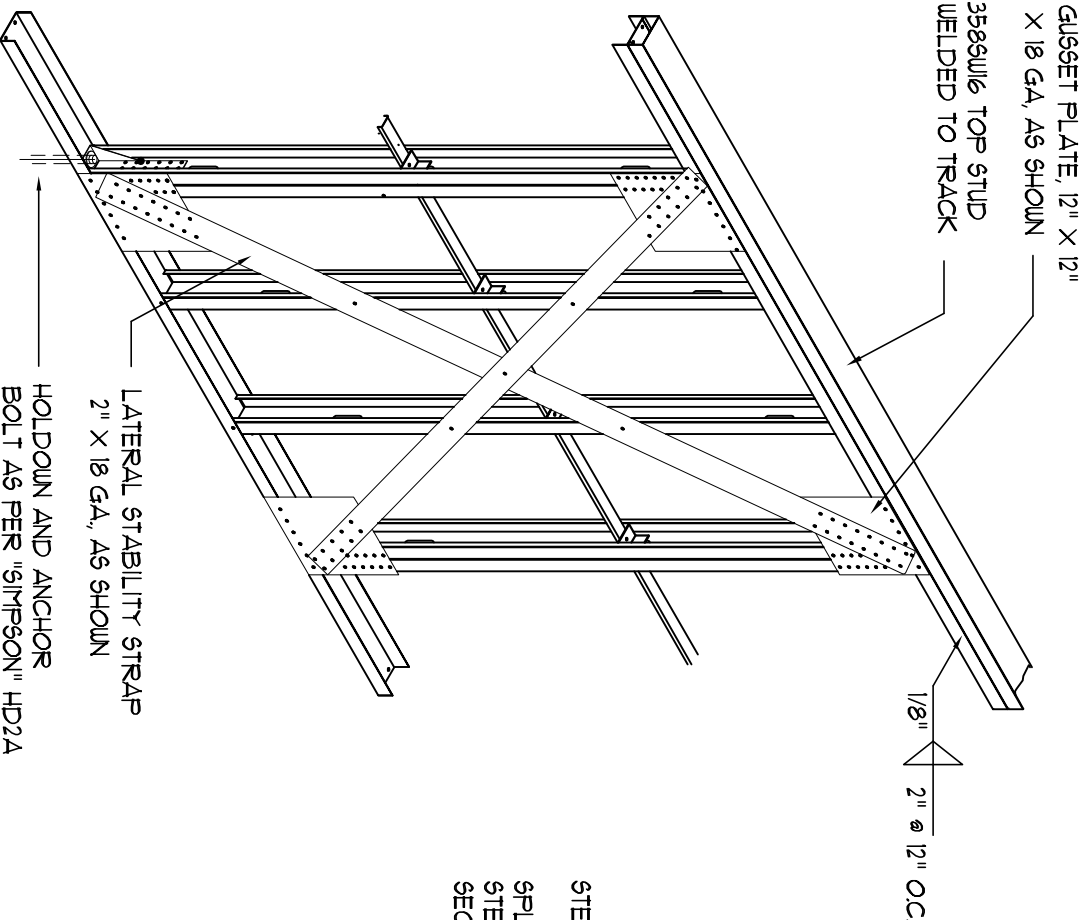
Metal Stud DETAILS
SCALE: NONE
NOTE:
ALL METAL STUDS IN AXIAL LOAD APPLICATIONS SHALL BE 356S106 MINIMUM W/ MATCHING TRACK ALL WELDED JOINTS



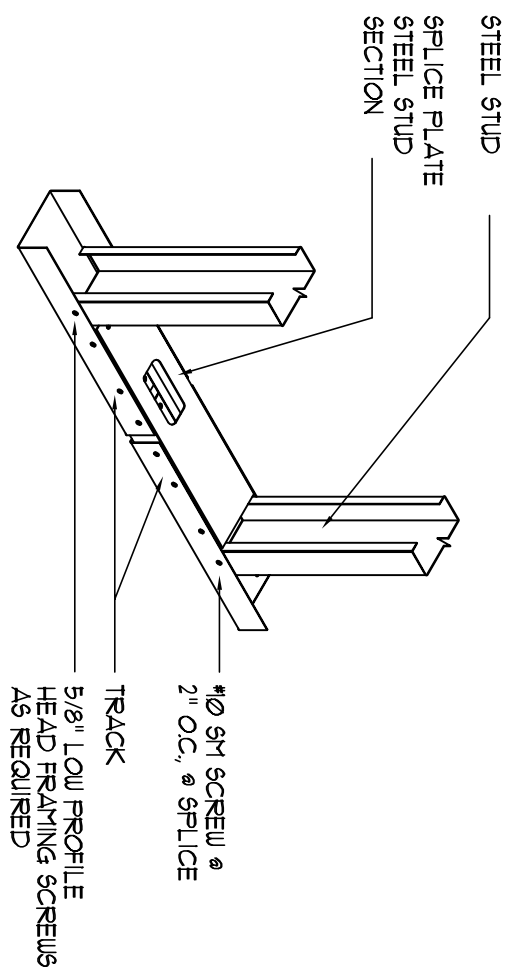
STRUCTURAL WALL ASSEMBLY



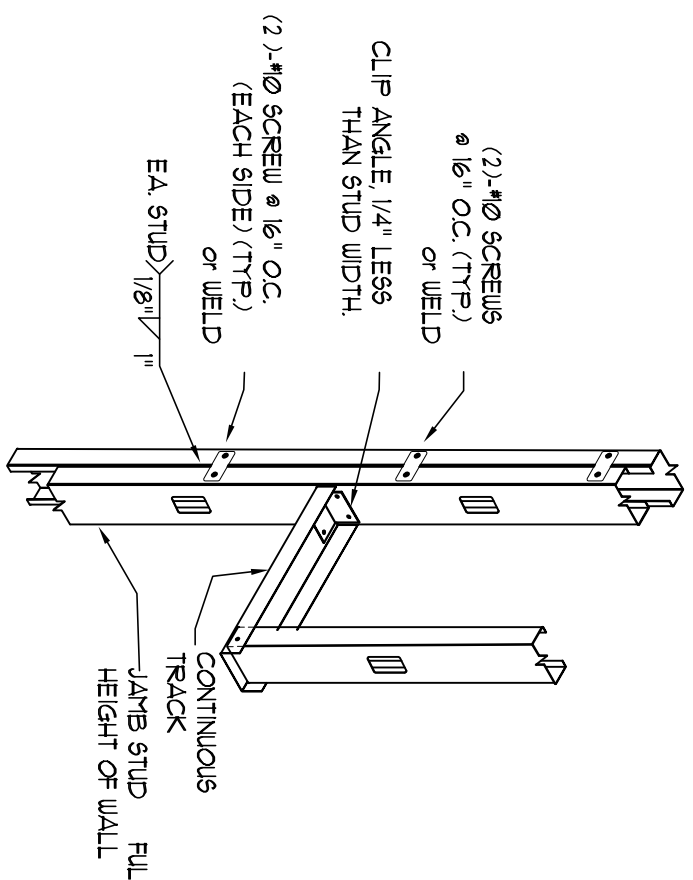
SHEAR WALL HOLD DOWN AT CROSS BRACE



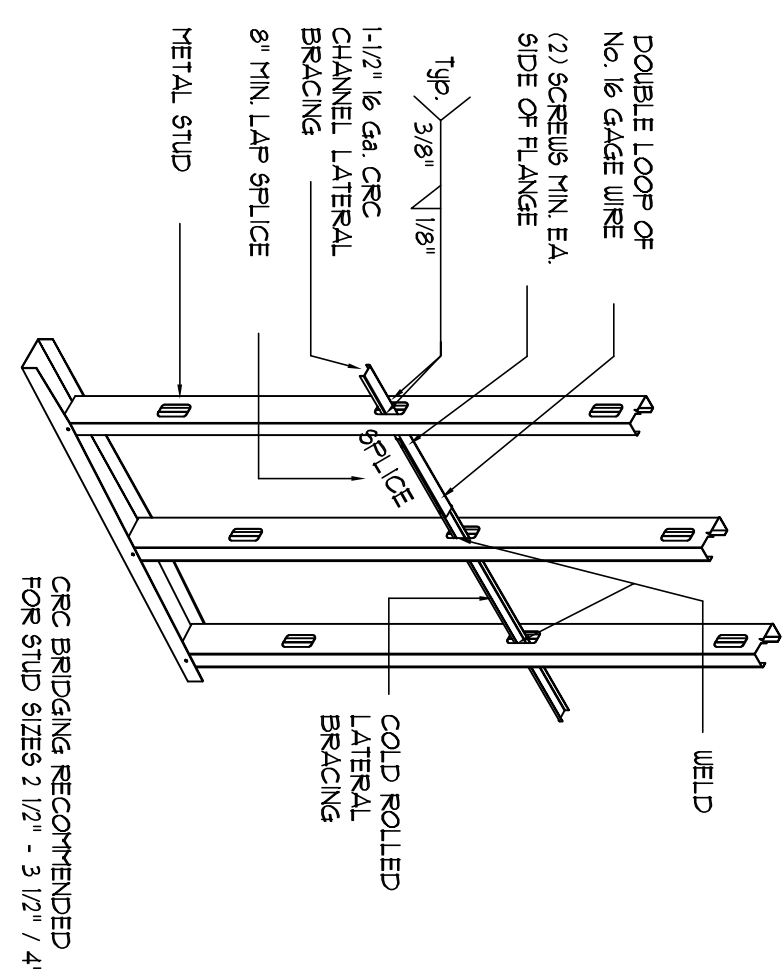
SHEAR WALL CROSS BRACE



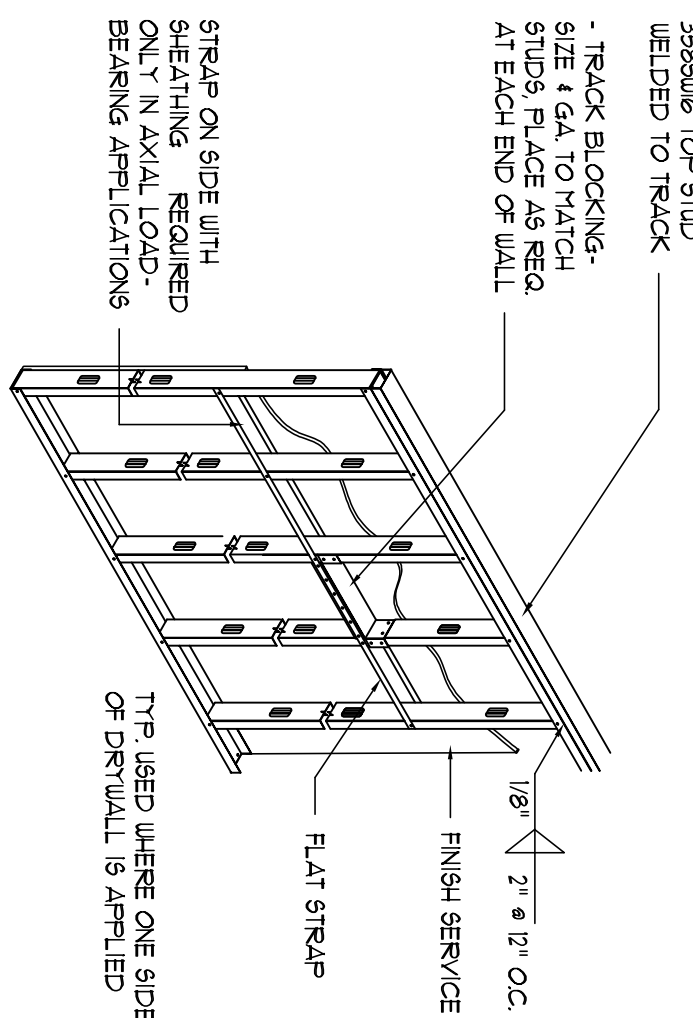
TRACK SPLICE



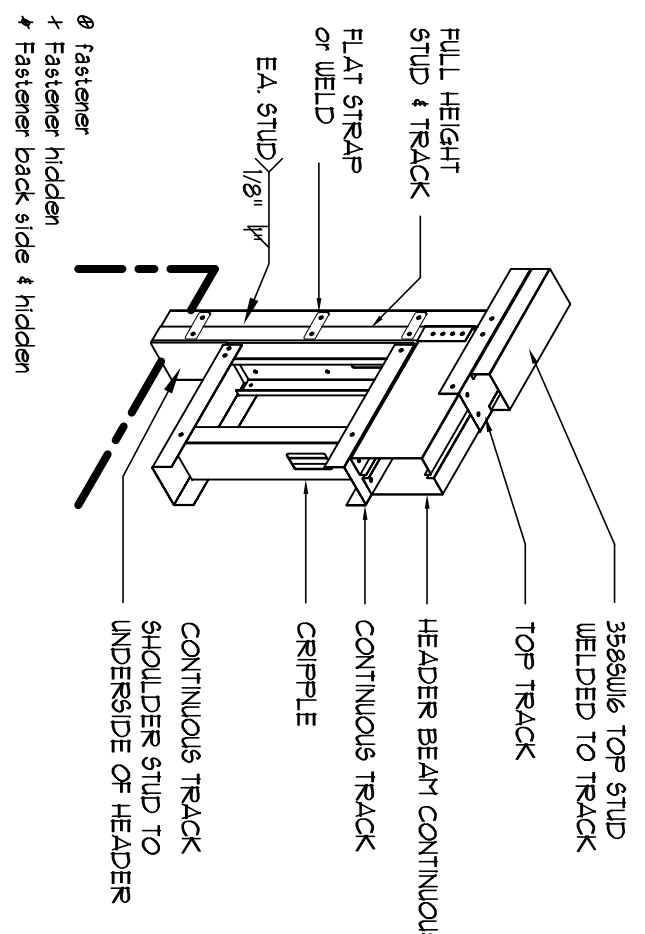
JAMB STUD DETAIL



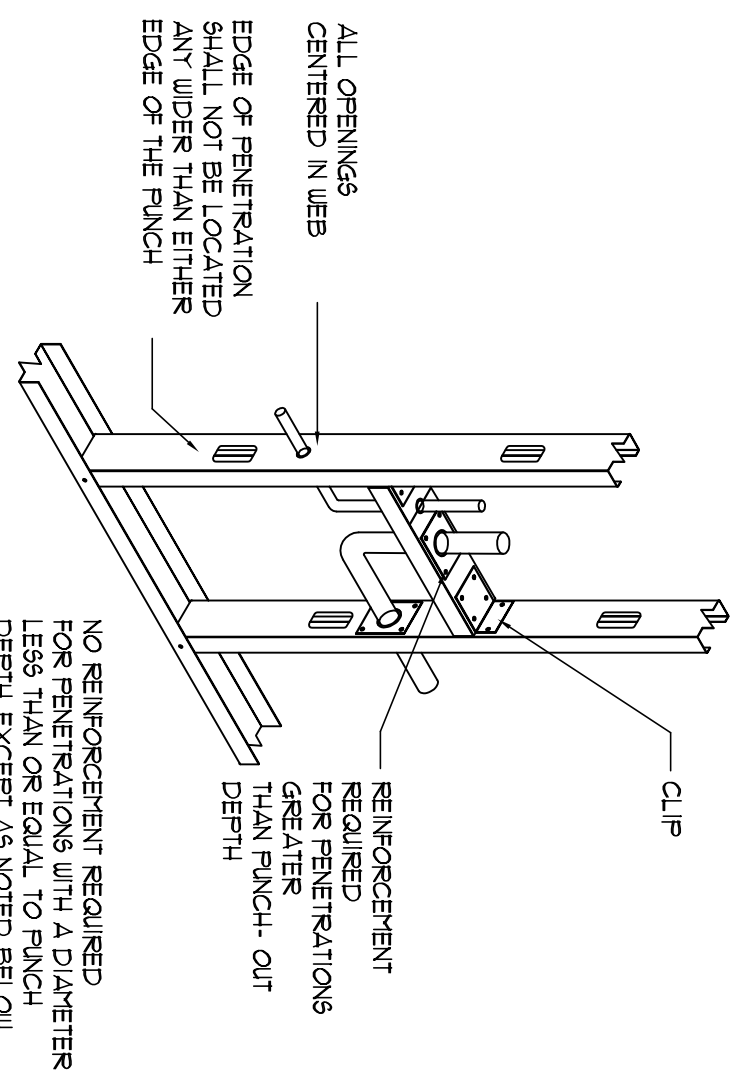
WELDED CRC BRIDGING



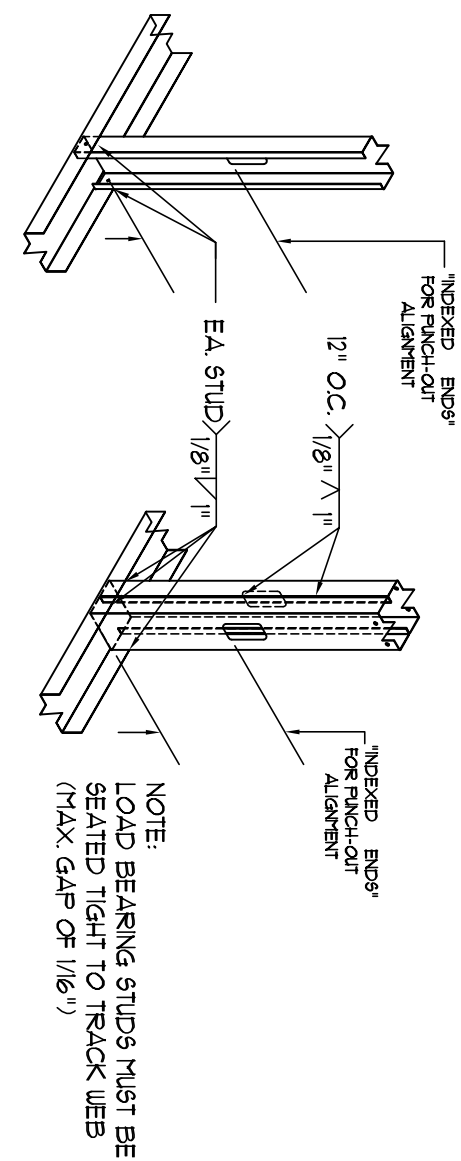
FLAT STRAP LATERAL BRACING



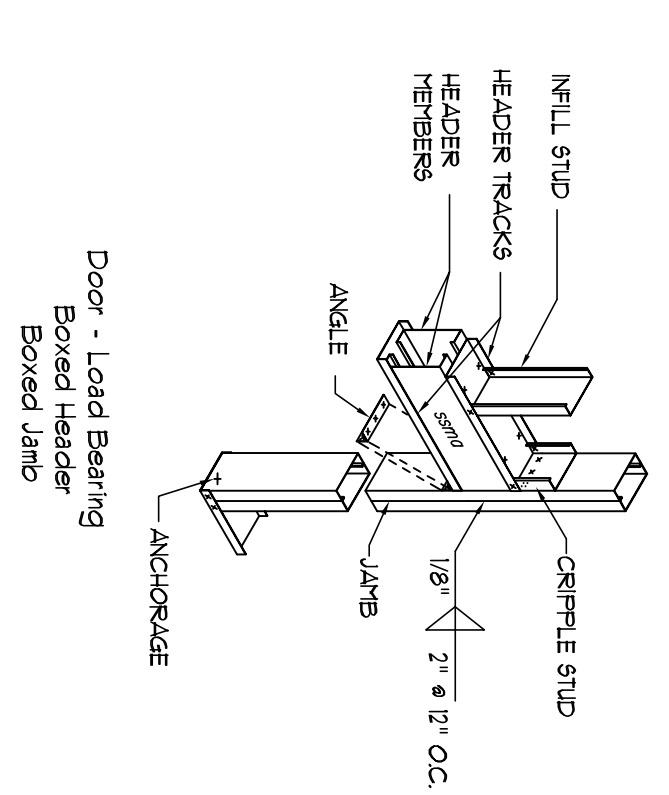
HEADER TO JAMB STUD DETAIL



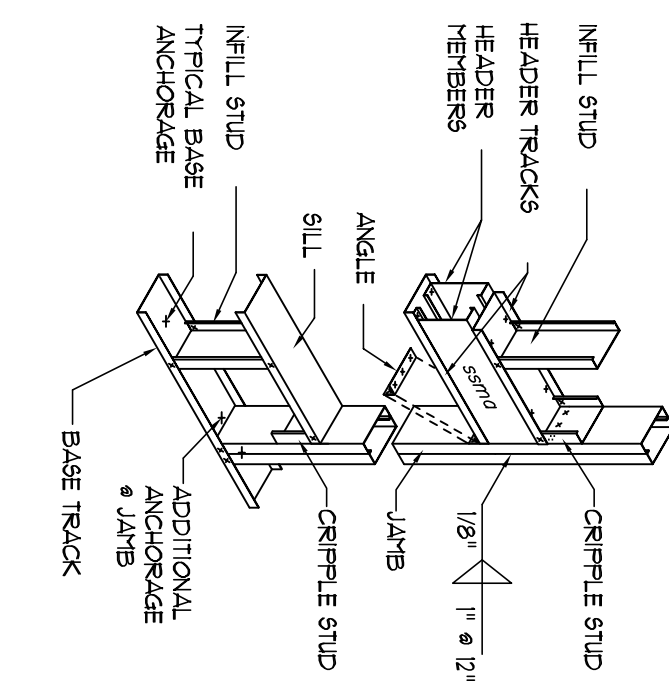
STUD WEB PENETRATIONS



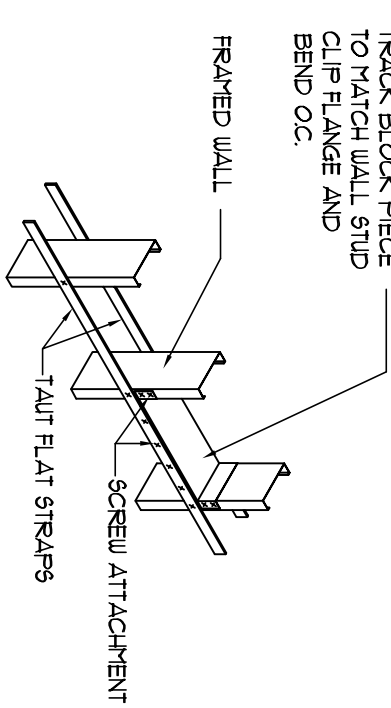
TYPICAL STUD TO TRACK CONNECTIONS



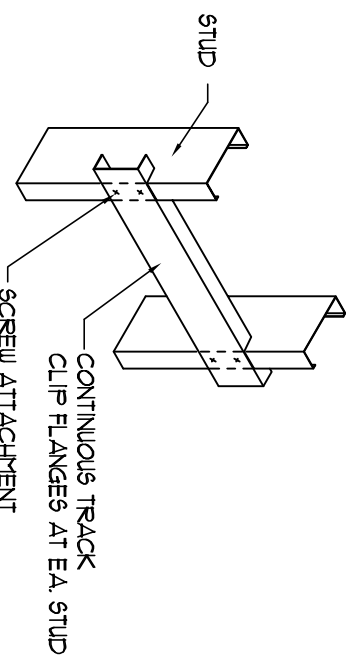
DOOR - LOAD BEARING
BOXED HEADER - BOXED JAMB



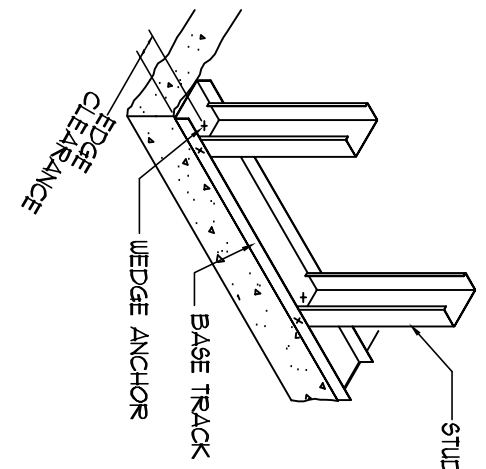
WINDOW - LOAD BEARING
BOXED HEADER - BOXED JAMB



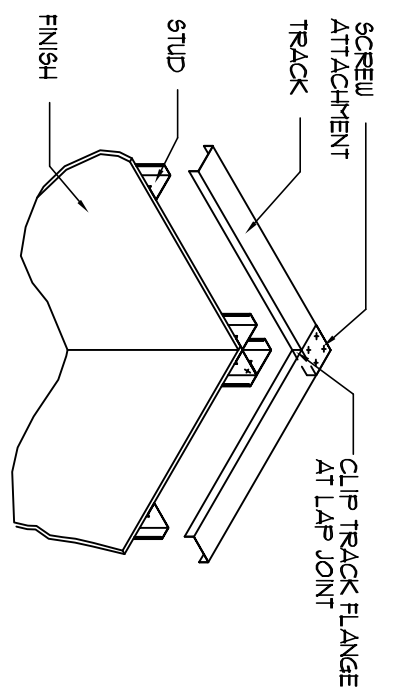
BRIDGING
DOUBLE FLAT STRAP WALL BLOCKING



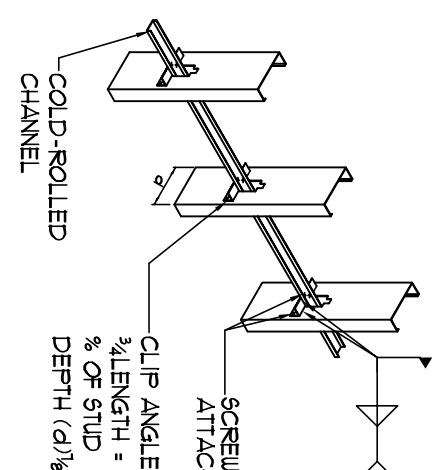
BACKING - CLIPPED TRACK - HVT LOADED
(GRAB BARS, HANDRAILS, WALL HING CABINETS)



BOTTOM TRACK WEDGE ANCHOR



CORNER TRACK LAP CONNECTION



BRIDGING
COLD-ROLLED CHANNEL W/CLIP ANGLE

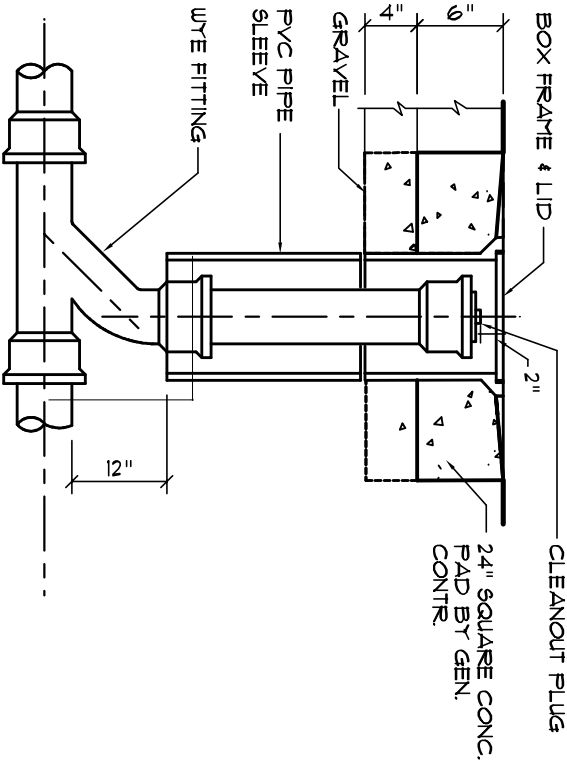
Celebrating
49 Years of Service

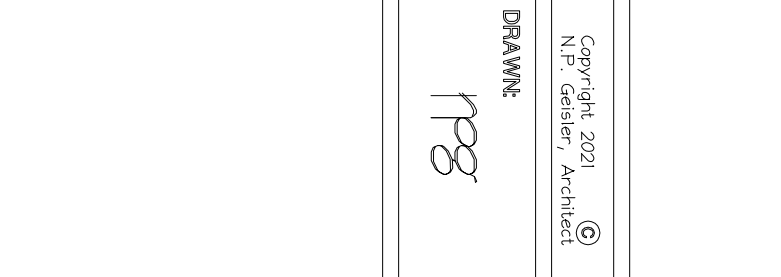
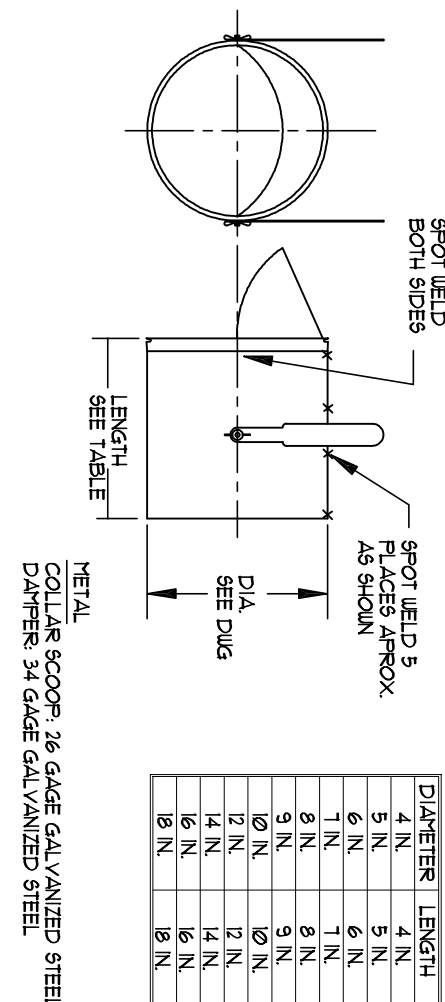
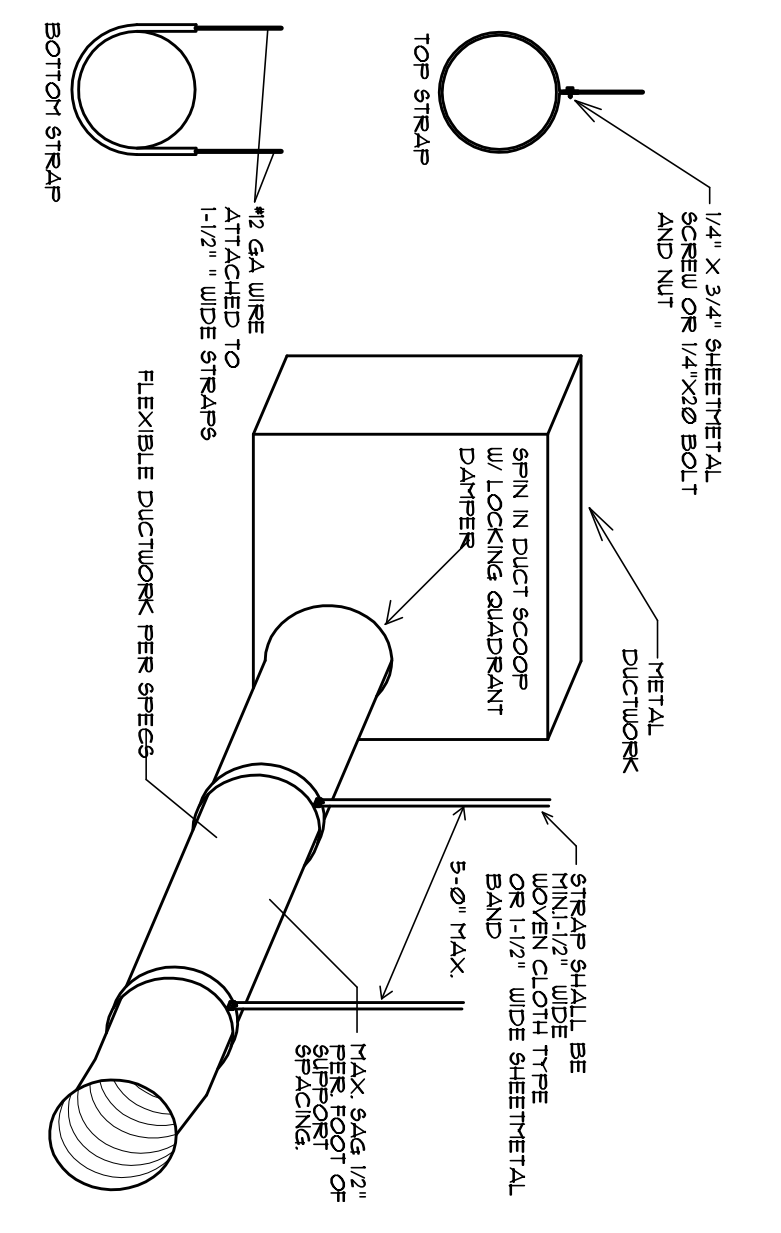
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1972 - 2021

N.P. Geisler, Architect
AR0007005

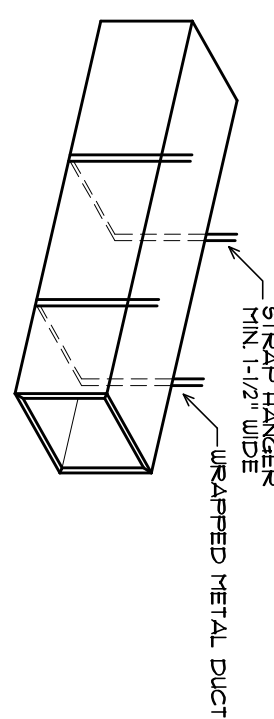
DATE: 02 SEP 2021
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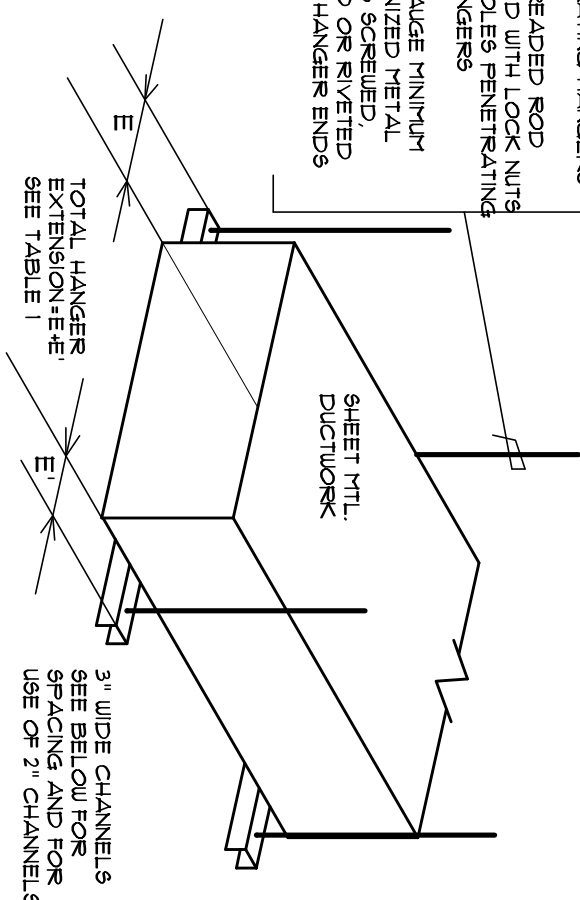
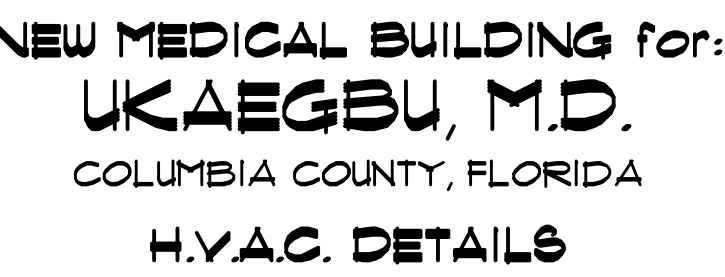
SPIN-IN COLLAR DETAILS

W

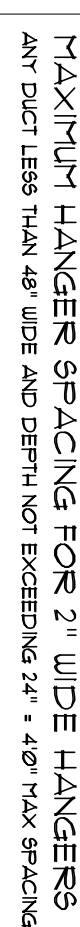


AHU DRAIN TRAP

U



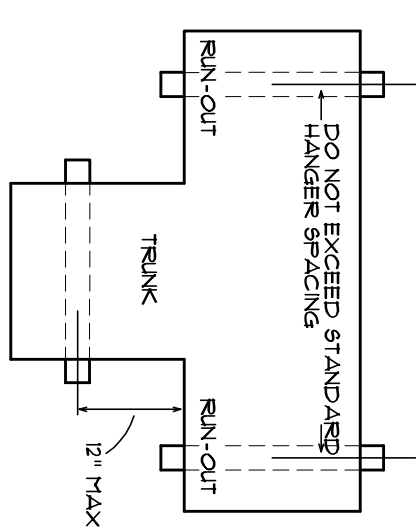
MAXIMUM TANKER BOARDING FOR 3 EDITION		TANKER BOARDING	
DUCT 9/16" (100%)		4 FT	
48" WIDE OR MORE	4 FT	4 FT	
LESS THAN 48" WIDE AND GREATER THAN 24" DEEP	6 FT	6 FT	
WIDTH BETWEEN 24" AND 48" AND GREATER THAN 24" DEEP	6 FT	6 FT	
DEPTH BETWEEN 24" AND 48" AND GREATER THAN 24" DEEP	8 FT	8 FT	
WIDTH 34" OR LESS AND DEPTH GREATER THAN 3"	8 FT	8 FT	
WIDE BOARD 48" WIDE OR DEEPER	8 FT	8 FT	



DEI	NTS
SHI M-2	

REQUIRED ONLY WHEN ANGLED PORTION OF OFF SET IS GREATER
THAN 48" LONG. ADDITIONAL HANGERS MAY BE REQUIRED TO
COMPLY WITH SPACING.

IF A TEE RUN-OUT FALLS WHERE TRUNK DUCT IS LOCATED, ADD RUN OUT HANGERS ON EITHER SIDE OF TRUNK. DO NOT EXCEED MAXIMUM HANGER SPACING.



▷



UNIT 1

SCALE: 3/16" = 1'-0"

LIGHTING

- [illegible]

EQUIVALENT WATTAGES	
INC	CFL/FLU LED
40	8-12
60	13-18
75/100	18-22
100	22-30
150	30-55
HI-BAY LED: LED T8 40": LED T8 96":	4-5 6-8 9-13 16-20 25-28
	200 13-20 48

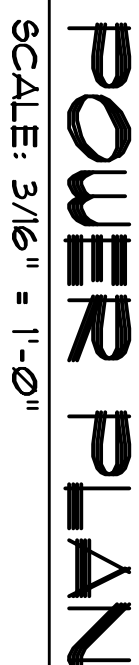
ELECTRICAL PLAN NOTES

[illegible]

CONSTRUCTION NOTES

- [illegible]

SHOWN. VERIFY EXACT LOCATION WITH G.C.



SCALE: 3/16" = 1'-0"

Electrical SYMBOLS

POWER

- ① DUPLEX WALL RECEPTACLE
- ② 240V OUTLET
- ③ GND. FAULT INTERRUPTER DUPLEX RECEPT.
- ④ WEATHER PROOF GFI DUPLEX RECEPT.
- ⑤ QUADRA-LE WALL RECEPTACLE
- ⑥ JUNCTION BOX
- ⑦ ELECTRICAL PANEL
- ⑧ ELECTRICAL PANEL
- ⑨ EXHAUST FAN
- ⑩ NON-FLUDED DISC. SWITCH
- ⑪ HYD. THERMOSTAT, 6' 60" AF
- ⑫ TELEVISION OUTLET
- ⑬ TELEPHONE
- ⑭ INTERCOM MASTER CONTROL
- ⑮ INTERCOM STATION

SHEET:

02 SEP 2021

COMMITTEE:

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NEW MEDICAL BUILDING for:
UKAEGBU, M.D.
COLUMBIA COUNTY, FLORIDA
POWER PLAN

