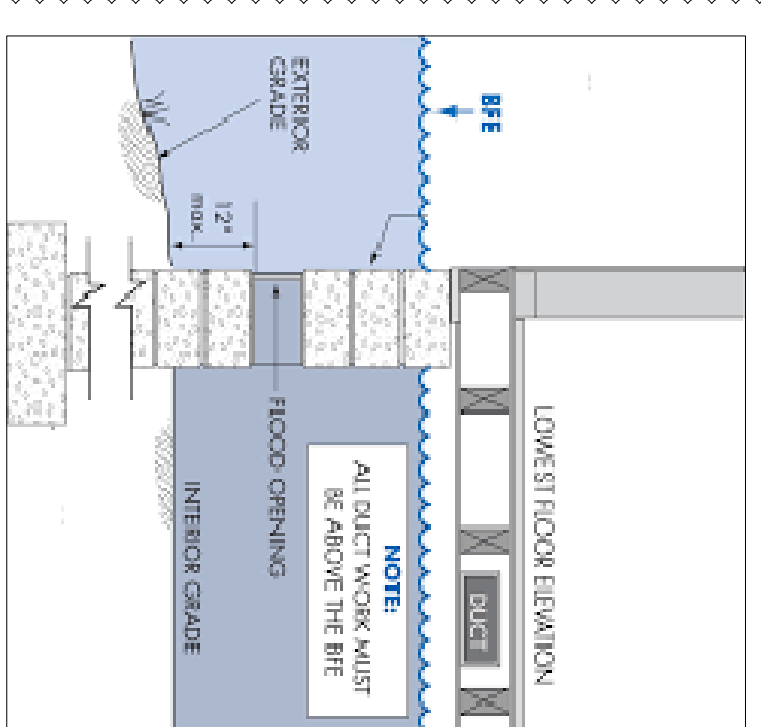
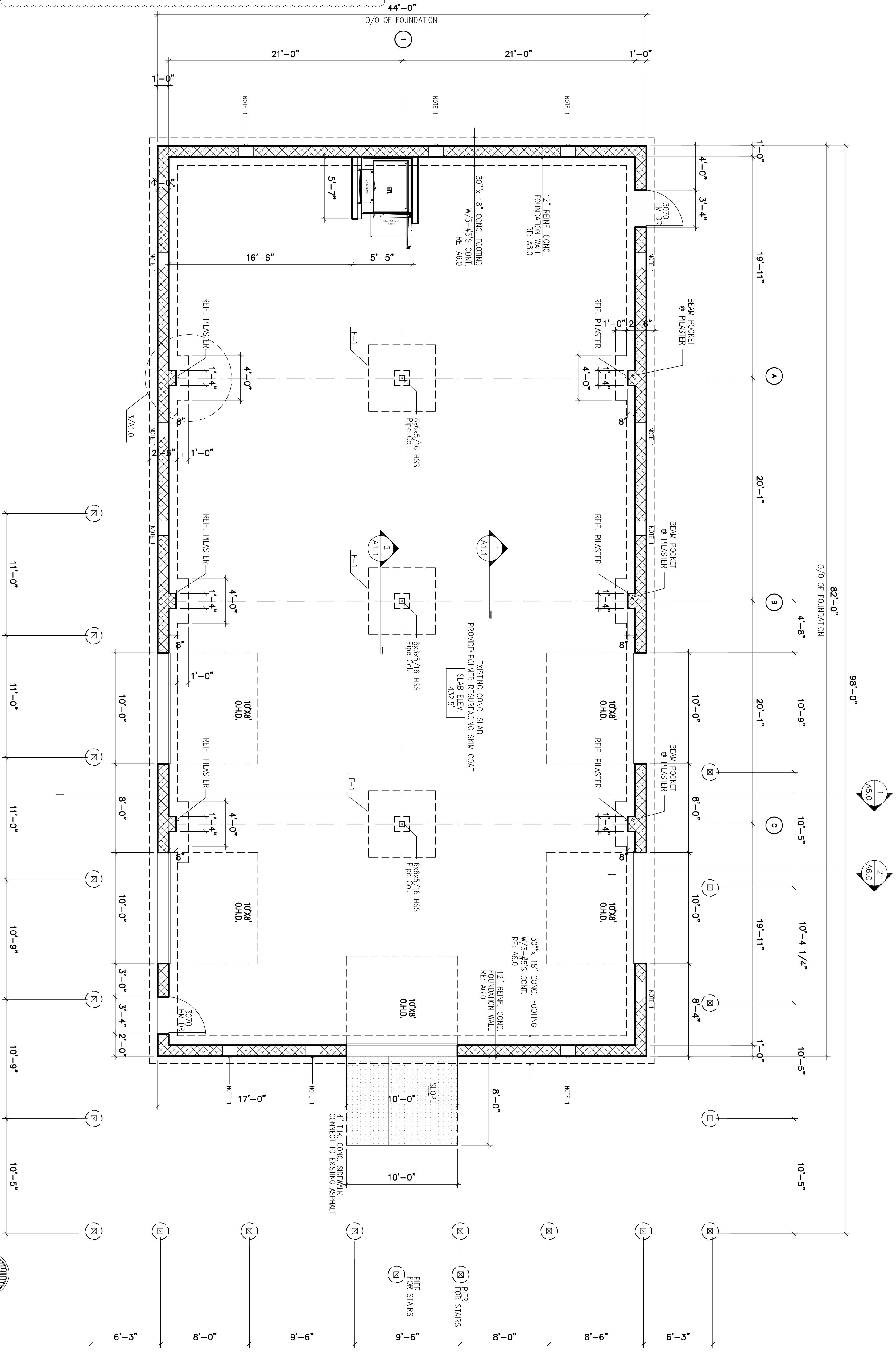


4 BEAM BRNG. ON PLASTER
1 1/2" = 1'-0"



NOTE 1: ENGINEERED FLOW THRU VENT 1608 (1 cfm/s) PROVIDES 250 SQ. IN. TOP OF OPENING AS DETAIL SHOWS 14 ARE REQUIRED MAY USE FLOW THRU VENT IN OHIO'S Freedom Flood Vent | 16" x 8" White Flood Vent - FFV-1608-W ICC-ES certified, engineered flood vent that covers 250 sq. ft. and meets FEMA, NFIP, and building code requirements. This bi-directional foundation flood vent relieves hydrostatic pressure



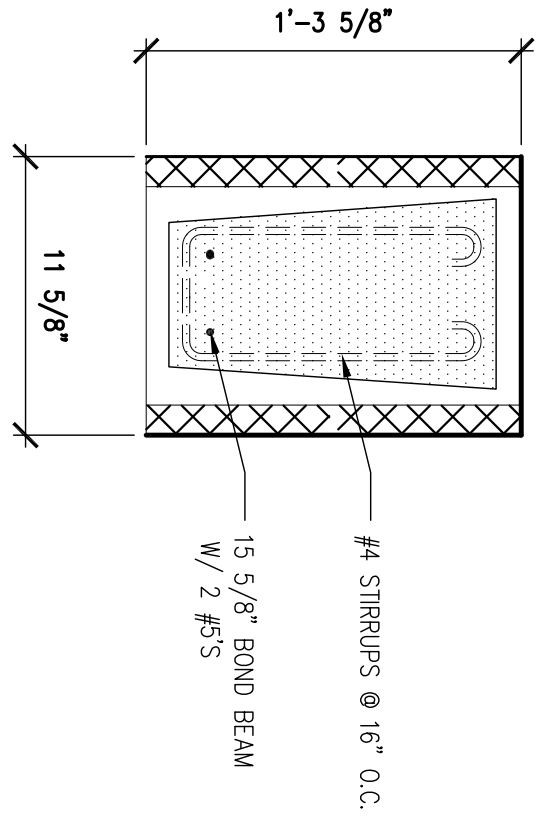
1 FOUNDATION & PIER PLAN
3/16" = 1'-0"

LOCATION	SPECIFIED 28-DAY COMPRESSIVE STRENGTH (PSI)	MINIMUM CEMENT CONTENT (LB/0.001 CU YD)	MAXIMUM WATER CEMENT RATIO	SPECIFIED AIR CONTENT (%) BY VOLUME
SPREAD FOOTINGS	3000	517	0.50	6% +/- 1.5%
FOUNDATION WALLS	3000	517	0.50	6% +/- 1.5%
INTERIOR SLAB ON GRADE	554	554	0.45	0% - 3% MAXIMUM ENHANCED
EXTERIOR SLAB ON GRADE	4000	554	0.45	6% +/- 1.5%

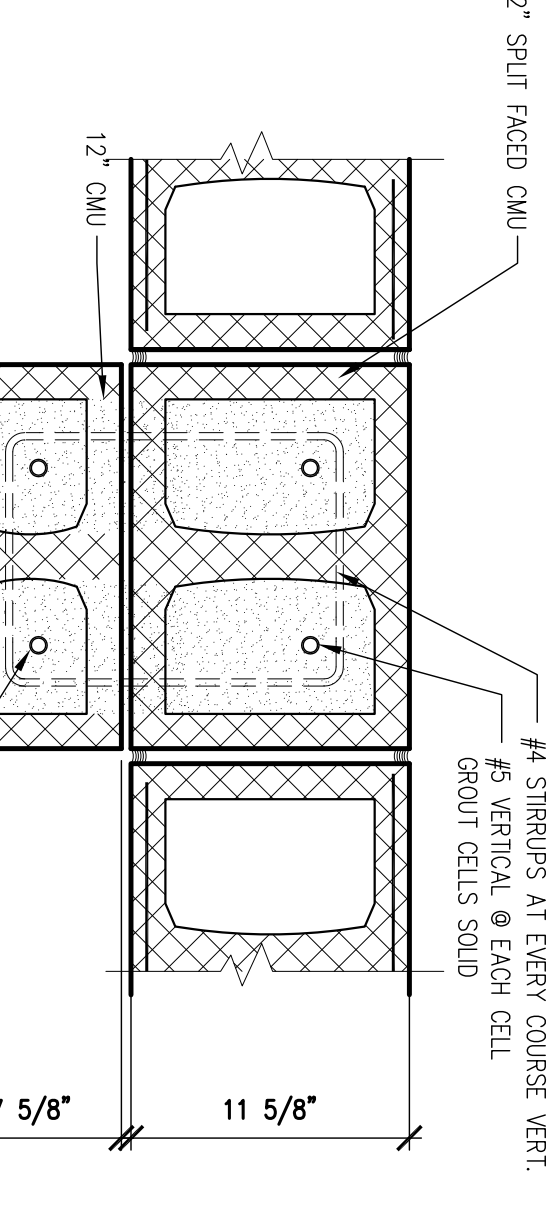
- CONCRETE SHALL BE DESIGNED, FABRICATED, AND INCORPORATED WITH THE FOLLOWING:
 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-02)
 - AND COMMENTARY (ACI 318-02)
 - ACI DETAILING MANUAL, REPORTED BY ACI COMMITTEES
- CONCRETE SCHEDULE:
 - CONCRETE SHALL BE TESTED IN ACCORDANCE WITH ACI 318-02 SECTION 5.6 EVALUATION AND ACCEPTANCE OF CONCRETE
 - CONCRETE SHALL BE READY-MADE AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C94. SPECIFICATION FOR READY-MADE CONCRETE.
 - ALL CEMENT SHALL BE TYPE I PORTLAND CEMENT PER ASTM C150 UNLESS CONSTRUCTION NEEDS OR ENVIRONMENT DEMAND A SPECIAL CEMENT TYPE BE USED.
 - ALL ADMIXTURE USED IN CONCRETE SHALL BE COMPATIBLE.
 - REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
 - REINFORCING BARS FOR WELDED APPLICATIONS AND WHERE OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS SHALL CONFORM TO ASTM A706, GRADE 60.
 - WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A954, WELDED WIRE FABRIC SHALL LAP ONE FULL MESH SPACE PLUS 2" AT SIDES AND ENDS, AND BE WELDED TOGETHER.
 - CONCRETE AGGREGATES SHALL CONFORM WITH ASTM C33 STANDARD SPECIFICATION FOR CONCRETE AGGREGATE.
 - WATER USED IN MAKING CONCRETE SHALL BE POTABLE.
 - CALCIUM CHLORIDE SHALL NOT BE PERMITTED NOR SHALL ANY ADMIXTURE CONTAINING CALCIUM CHLORIDE BE PERMITTED.

LOCATION	SPECIFIED 28-DAY COMPRESSIVE STRENGTH (PSI)	MINIMUM CEMENT CONTENT (LB/0.001 CU YD)	MAXIMUM WATER CEMENT RATIO	SPECIFIED AIR CONTENT (%) BY VOLUME
SPREAD FOOTINGS	3000	517	0.50	6% +/- 1.5%
FOUNDATION WALLS	3000	517	0.50	6% +/- 1.5%
INTERIOR SLAB ON GRADE	554	554	0.45	0% - 3% MAXIMUM ENHANCED
EXTERIOR SLAB ON GRADE	4000	554	0.45	6% +/- 1.5%

- CONCRETE SHALL BE TESTED IN ACCORDANCE WITH ACI 318-02 SECTION 5.6 EVALUATION AND ACCEPTANCE OF CONCRETE
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- ALL CEMENT SHALL BE TYPE I PORTLAND CEMENT PER ASTM C150 UNLESS CONSTRUCTION NEEDS OR ENVIRONMENT DEMAND A SPECIAL CEMENT TYPE BE USED.
- ALL ADMIXTURE USED IN CONCRETE SHALL BE COMPATIBLE.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
- REINFORCING BARS FOR WELDED APPLICATIONS AND WHERE OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS SHALL CONFORM TO ASTM A706, GRADE 60.
- WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A954, WELDED WIRE FABRIC SHALL LAP ONE FULL MESH SPACE PLUS 2" AT SIDES AND ENDS, AND BE WELDED TOGETHER.
- CONCRETE AGGREGATES SHALL CONFORM WITH ASTM C33 STANDARD SPECIFICATION FOR CONCRETE AGGREGATE.
- WATER USED IN MAKING CONCRETE SHALL BE POTABLE.
- CALCIUM CHLORIDE SHALL NOT BE PERMITTED NOR SHALL ANY ADMIXTURE CONTAINING CALCIUM CHLORIDE BE PERMITTED.



2 BOND BEAM @ OH'D'S
1 1/2" = 1'-0"



3 REINF. PILASTER
1 1/2" = 1'-0"

FOR PERMIT 2.15.20

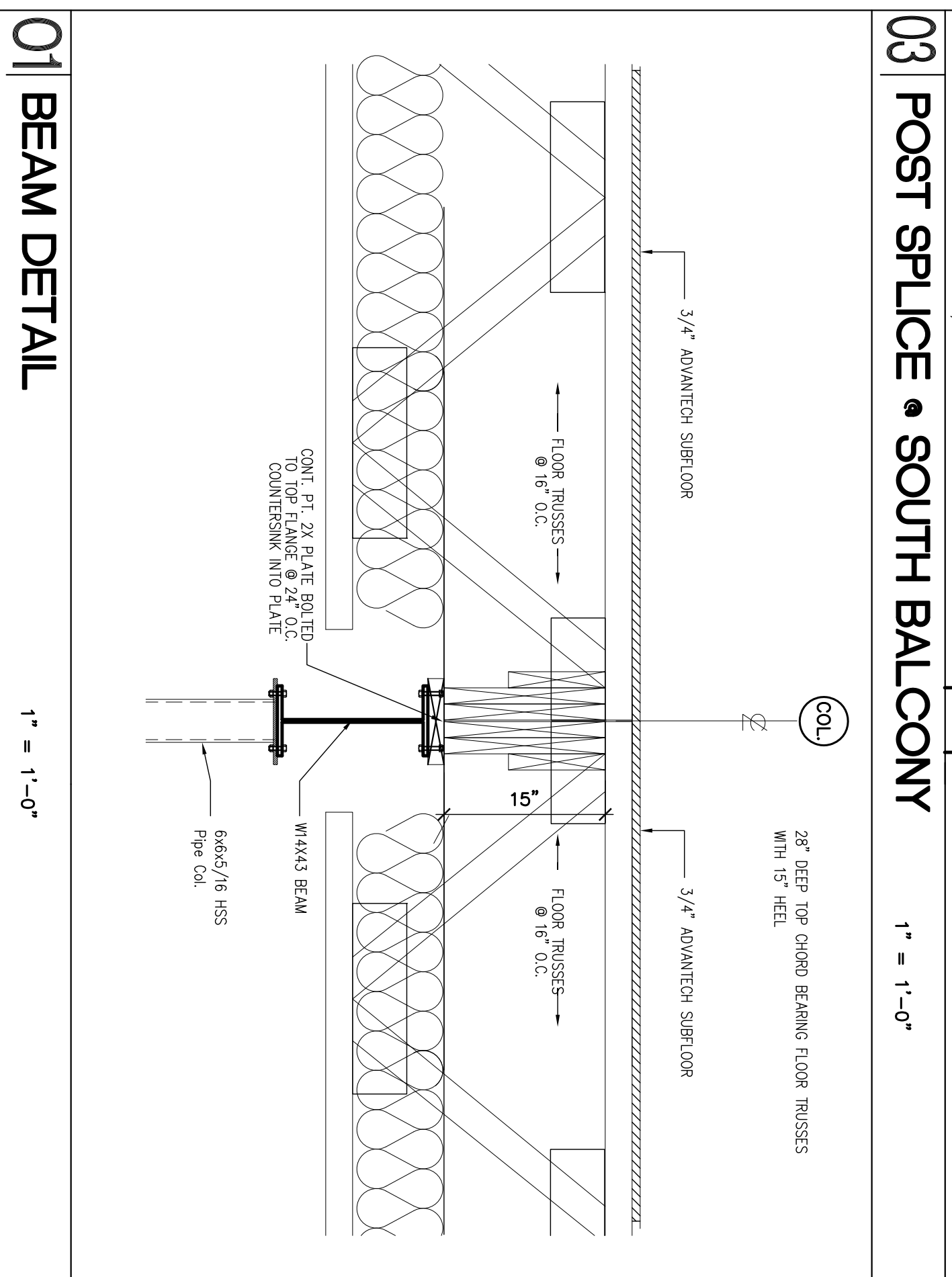
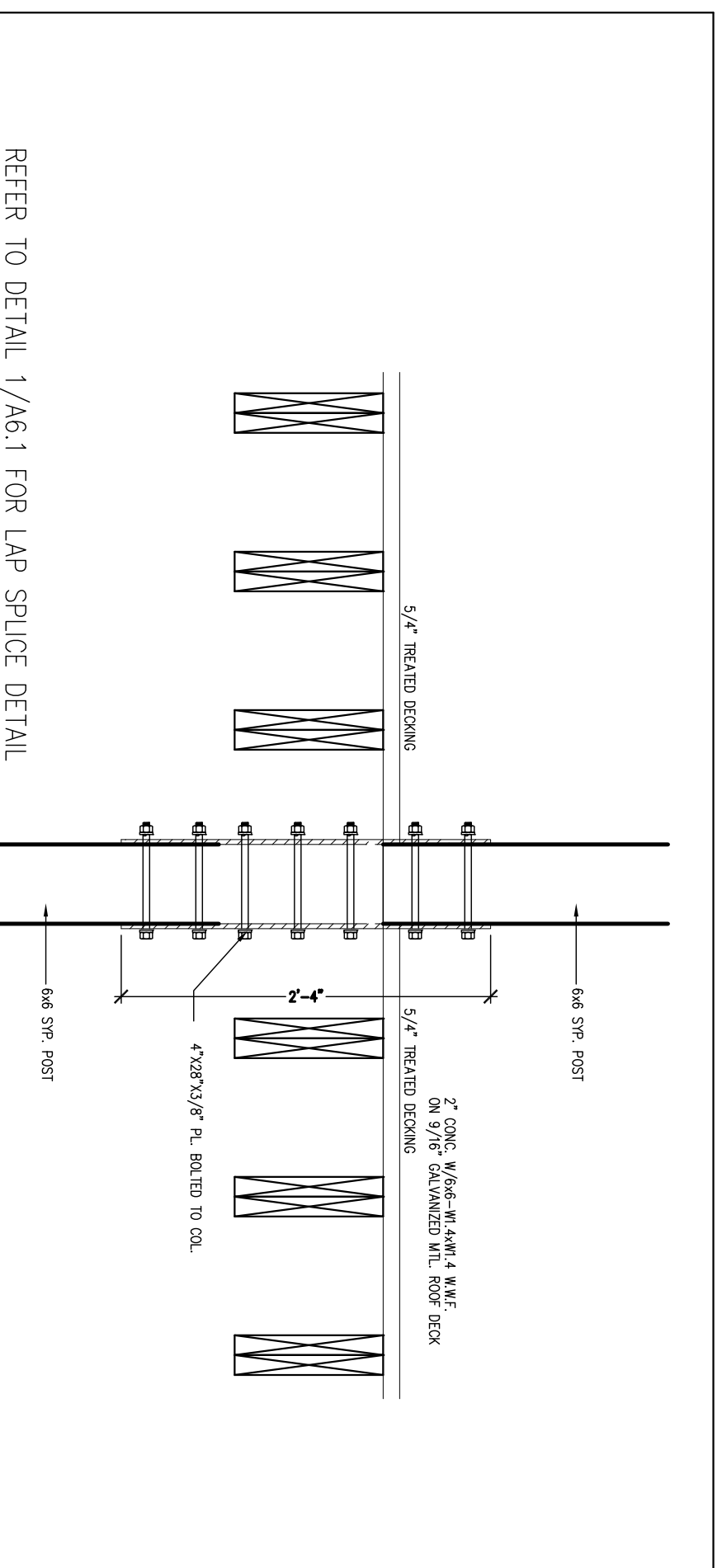
A1.0
FOUNDATION PLAN

DATE: 2/19/2020
REVISION: 4/9/2020
ISSUED FOR REVIEW
PROJ. NO.: 190018
DRAWN BY: JAS

ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE
11134 HARBOR DELL RD. GODFREY, IL

SEAL
DATE: 2/15/2020
EXP. DATE: 1/30/2020

JOHN A. SHORTAL, ARCHITECT, LTD.
1342 D'ADRIAN PROFESSIONAL PARK
GODFREY, ILLINOIS 62035
(618) 466-7500

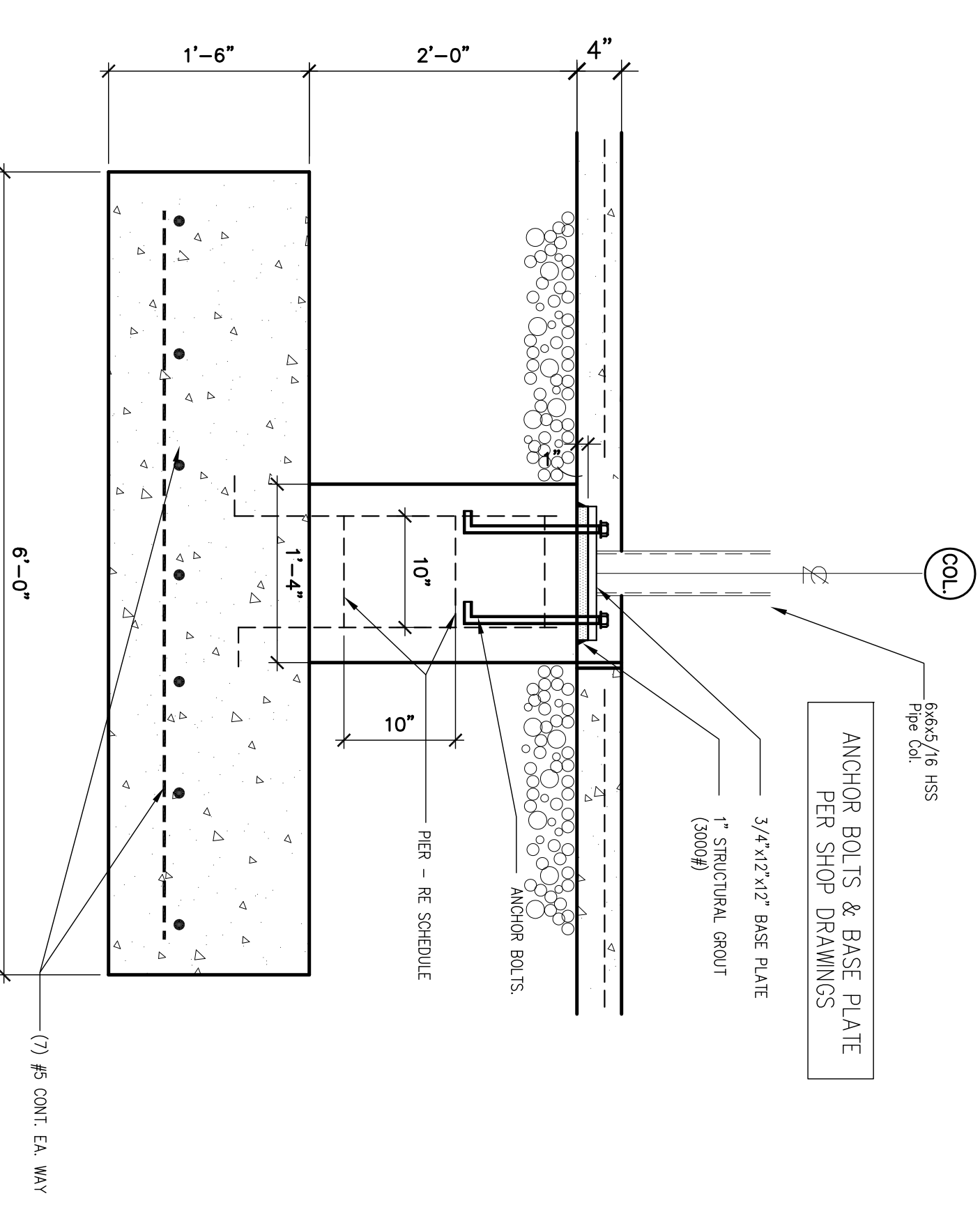
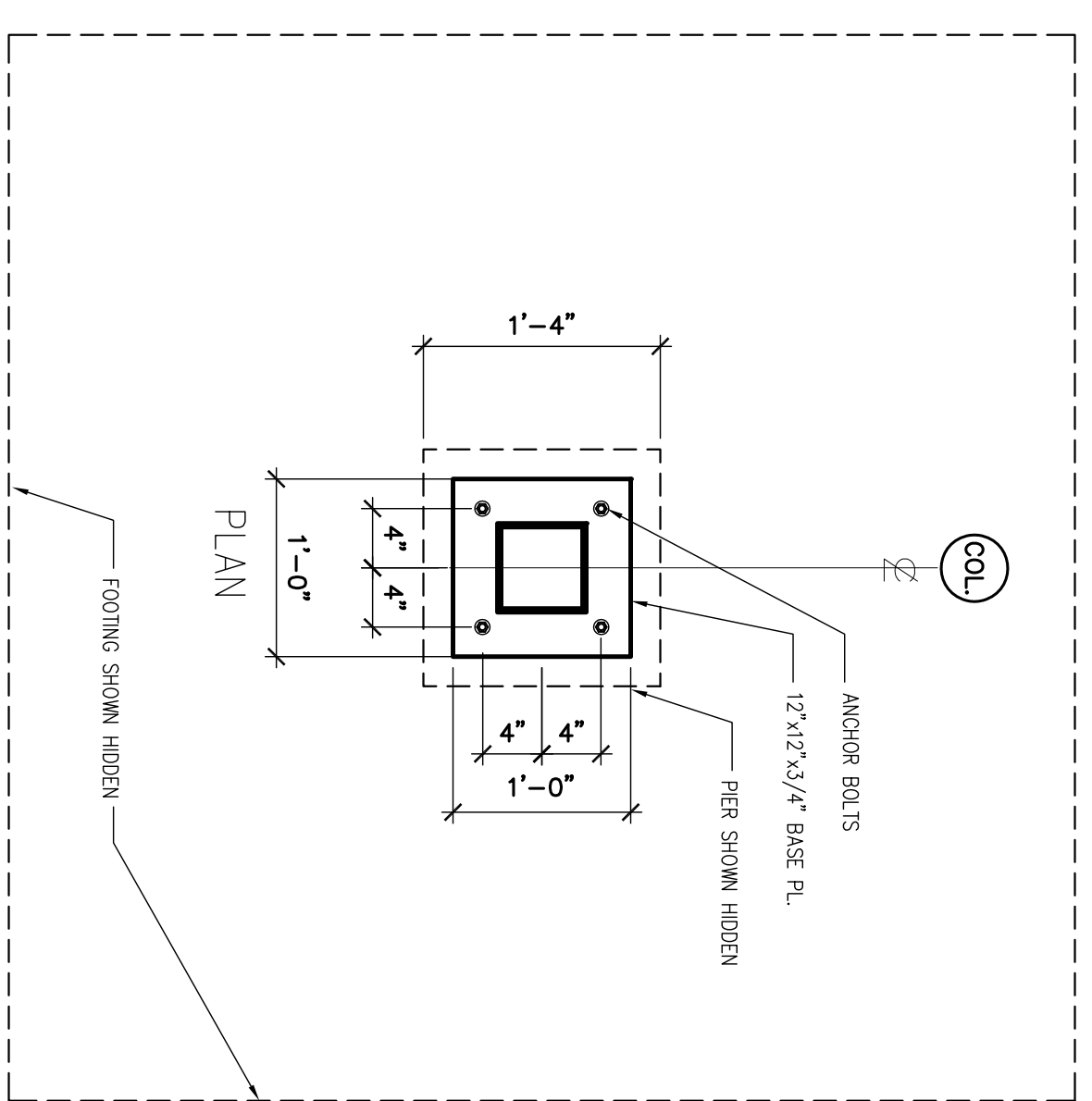


COL. FOOTING & PIER SCHEDULE

F-1	72" X 72" X 18" FOUNDATION PAD 18"X16" PIER REIN. (4) #55 VERT. AND (3) #3 TIES 10" O.C. HORIZ.
-----	--

LOCATION	DESIGNED 28-DAY COMPRESSIVE STRENGTH (PSI)	MINIMUM CONTENT (BY VOL.)	MAXIMUM WATER CEMENT RATIO	DESIGNED AIR CONTENT (% BY VOLUME)
BEARING FOOTINGS	3000	0.50	0.45	6% +/- 1.5%
FOUNDATION WALLS	4000	0.45	0.45	0% - 3% MAXIMUM ENTRAPPED
INTERIOR SLAB	4000	0.45	0.45	6% +/- 1.5%
EXTERIOR SLAB ON GRADE	4000	0.45	0.45	6% +/- 1.5%

- CONCRETE SHALL BE TESTED IN ACCORDANCE WITH ACI 318-02 SECTION 5.6 EVALUATION AND ACCEPTANCE OF CONCRETE.
- CONCRETE SHALL BE READY-MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C94, SPECIFICATION FOR READY-MIXED CONCRETE.
- ALL CEMENT SHALL BE THE 1 PORTLAND CEMENT PER ASTM C150 UNLESS CONSTRUCTION NEEDS OR ENVIRONMENT DEMAND A SPECIAL CEMENT TYPE BE USED.
- ALL ADMIXTURE USED IN CONCRETE SHALL BE COMPATIBLE.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
- REINFORCING BARS FOR WELDED APPLICATIONS AND WHERE OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS SHALL CONFORM TO ASTM A706, GRADE 60.
- WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A185, WELDED WIRE FABRIC SHALL LAP ONE FULL MESH SPACE PLUS 2" AT SIDES AND ENDS, AND BE WELDED TOGETHER.
- CONCRETE AGGREGATES SHALL CONFORM WITH ASTM C33 STANDARD SPECIFICATION FOR CONCRETE AGGREGATE.
- WATER USED IN MAKING CONCRETE SHALL BE POTABLE.
- CALCIUM CHLORIDE SHALL NOT BE PERMITTED NOR SHALL ANY ADMIXTURE CONTAINING CALCIUM CHLORIDE BE PERMITTED.
- WIRE BAR SUPPORTS SHALL BE FINISHED FOR ALL REINFORCING WITHIN SLABS, INCLUDING OF WELDED WIRE FABRIC, BOTTOM BARS IN SLAB-ON-GRADE MAY BE SUPPORTED BY OTHER SUITABLE MEANS, BAR SUPPORTS SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE MANUAL OF STANDARD PRACTICE.
- REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- IN REINFORCED CONCRETE WALLS AND FOOTINGS PROVIDE CORNER BARS OF THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCING IN EACH DIRECTION.
- CONCRETE SHALL BE PLACED AND VIBRATED IN A TIMELY MANNER TO AVOID THE FORMATION OF COLD JOINTS.
- PROVIDED #4 SLAB DOWELS AT 12" O.C. AT DOORS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- ALL STRUCTURAL STEEL SHALL BE PROTECTED BY 3" OF CONCRETE WHERE EARTH WOULD OTHERWISE BE IN CONTACT WITH STEEL.
- UNLESS NOTED OTHERWISE ON THE DRAWINGS ALL SLAB-ON-GRADE CONSTRUCTION SHALL HAVE CONTROL JOINTS AT APPROXIMATELY 12'-0" C.C. IN BOTH DIRECTIONS.
- PROVIDE 3" OF CONCRETE PROTECTION FOR THE REINFORCEMENT WHEN CONCRETE IS PLACED DIRECTLY AGAINST THE GROUND.



02 F-1 COL. DETAIL 1" = 1'-0"

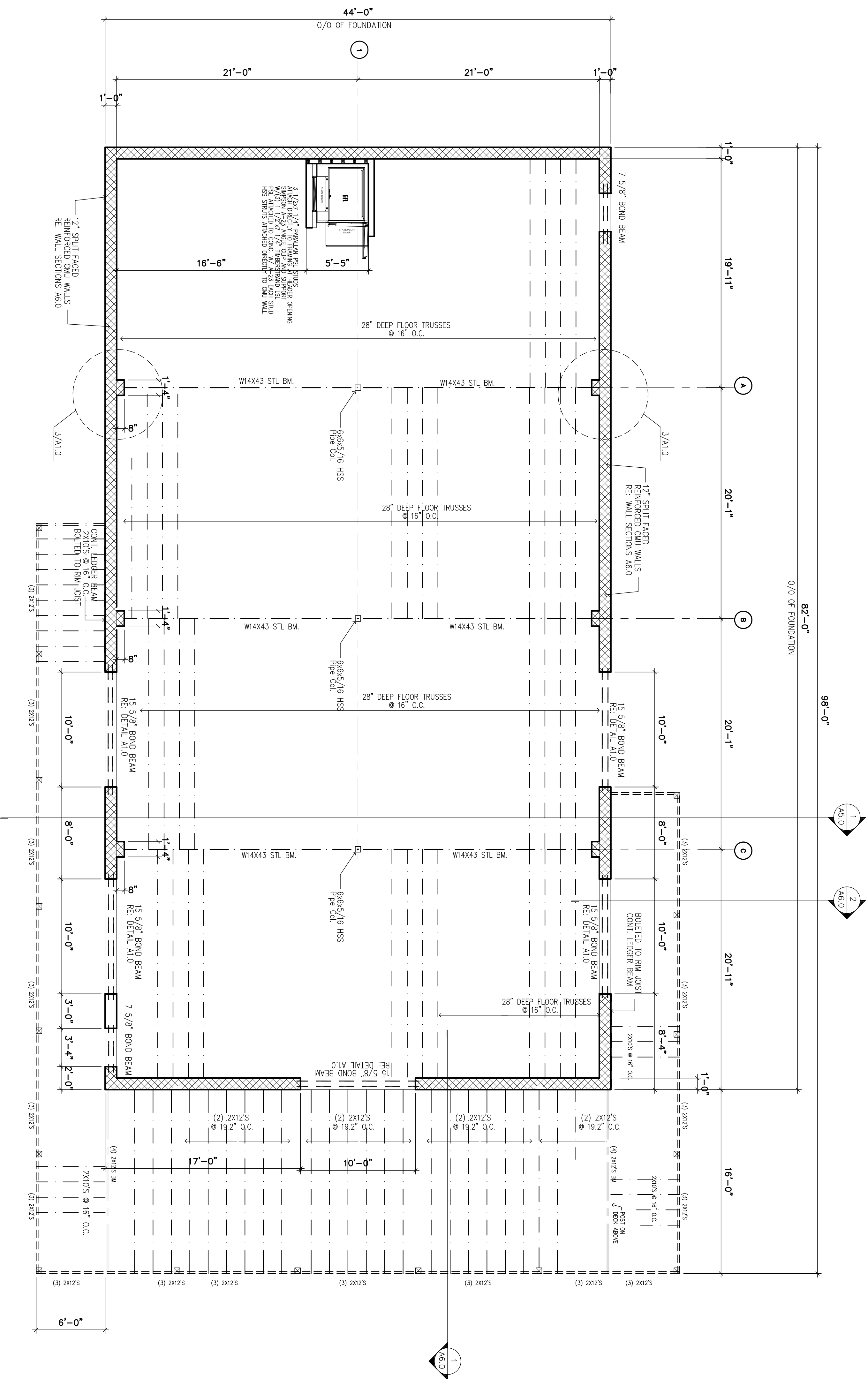
JOHN A. SHORTAL, ARCHITECT, LTD.
1342 D'ADRIAN PROFESSIONAL PARK
GODFREY, ILLINOIS 62035
(618) 466-7500

SEAL
LICENSED ARCHITECT
JOHN A. SHORTAL
NO. 015252
STATE OF ILLINOIS
DATE: 2/15/2020
EXP. DATE: 11/30/2020

**ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE**
11134 HARBOR DELL RD. GODFREY, IL

DATE: 2/15/2020
REVISION: 4/8/2020
ISSUED FOR REVIEW
PROJ. NO.: 190018
DRAWN BY: JAS
SHERI TITILE
FOUNDATION
DETAILS

A1.1
FOR PERMIT 2.15.20



1 FRAMING PLAN
3/16" = 1'-0"



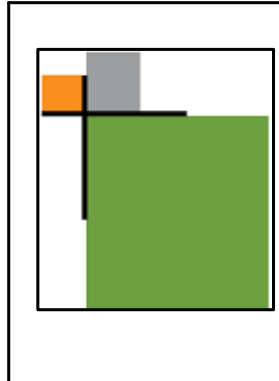
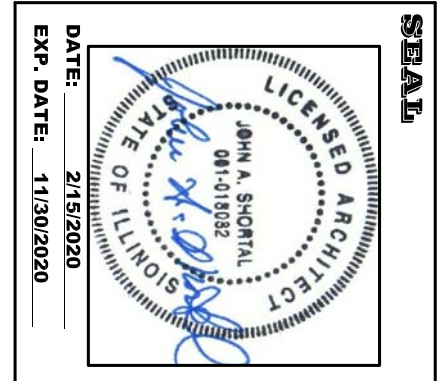
FOR PERMIT 2.15.20

A1.2

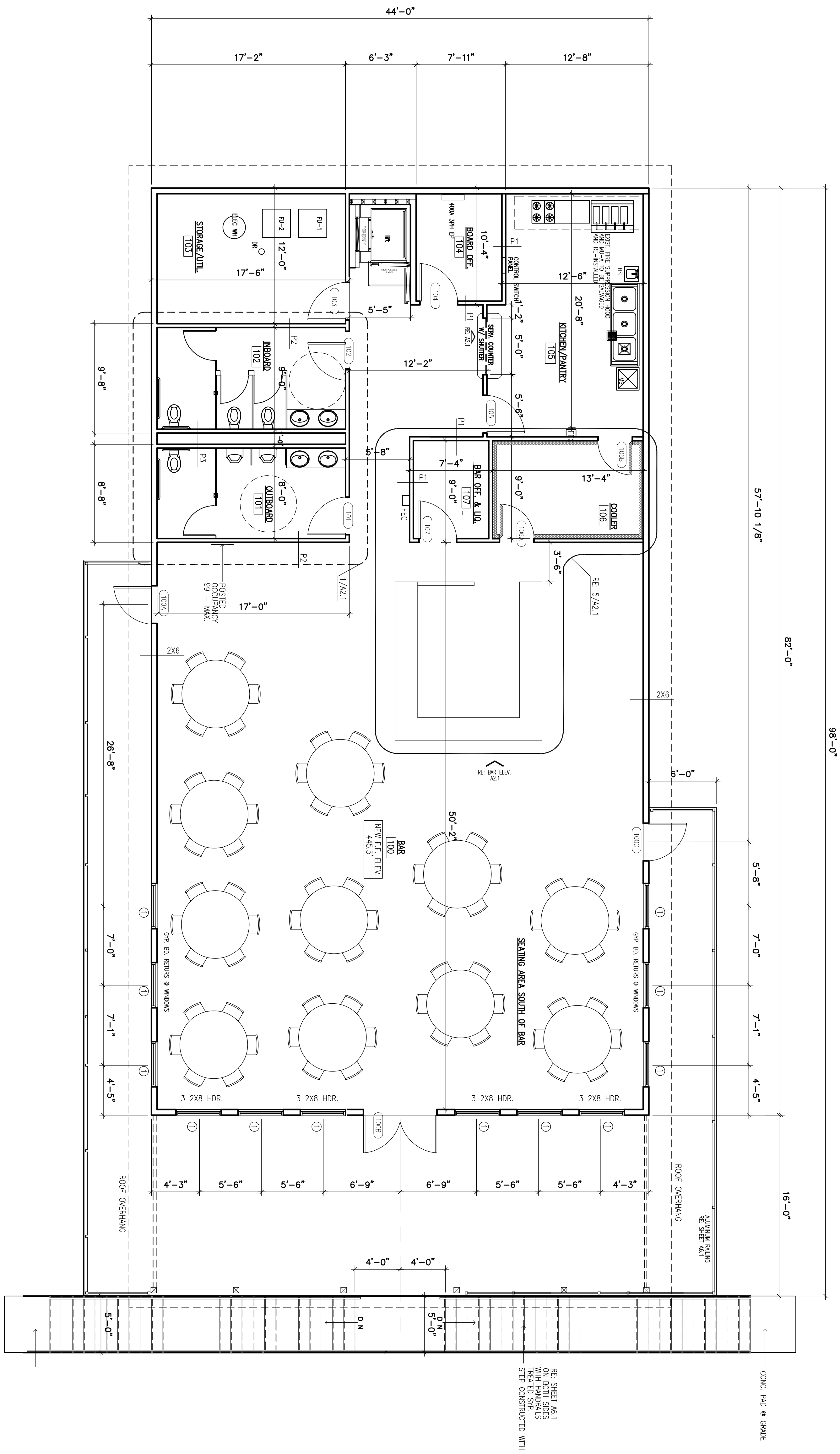
SHEET TITLE
FRAMING PLAN

DATE: 2/15/2020
 REVISION: 4/9/2020
 ISSUED: REVIEW
 PROJ. NO.: 190018
 DRAWN BY: JAS

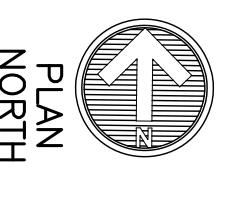
**ALTON MOTORBOAT CLUB
 PROPOSED CLUBHOUSE**
 11134 HARBOR DELL RD. GODFREY, IL



**JOHN A. SHORTAL,
 ARCHITECT, LTD.**
 1342 D'ADRIAN PROFESSIONAL PARK
 GODFREY, ILLINOIS 62035
 (618) 466-7500



1 BUILDING PLAN
 3/16" = 1'-0"
 3,608 GROSS SF



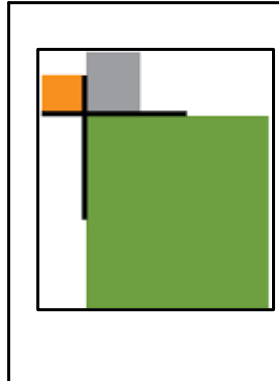
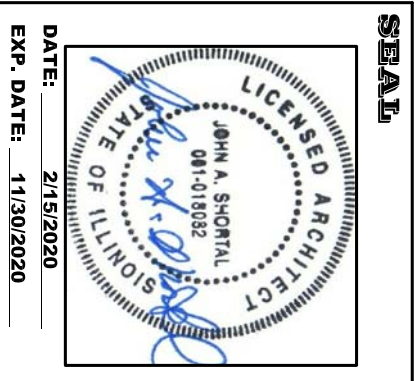
FOR PERMIT 2.15.20

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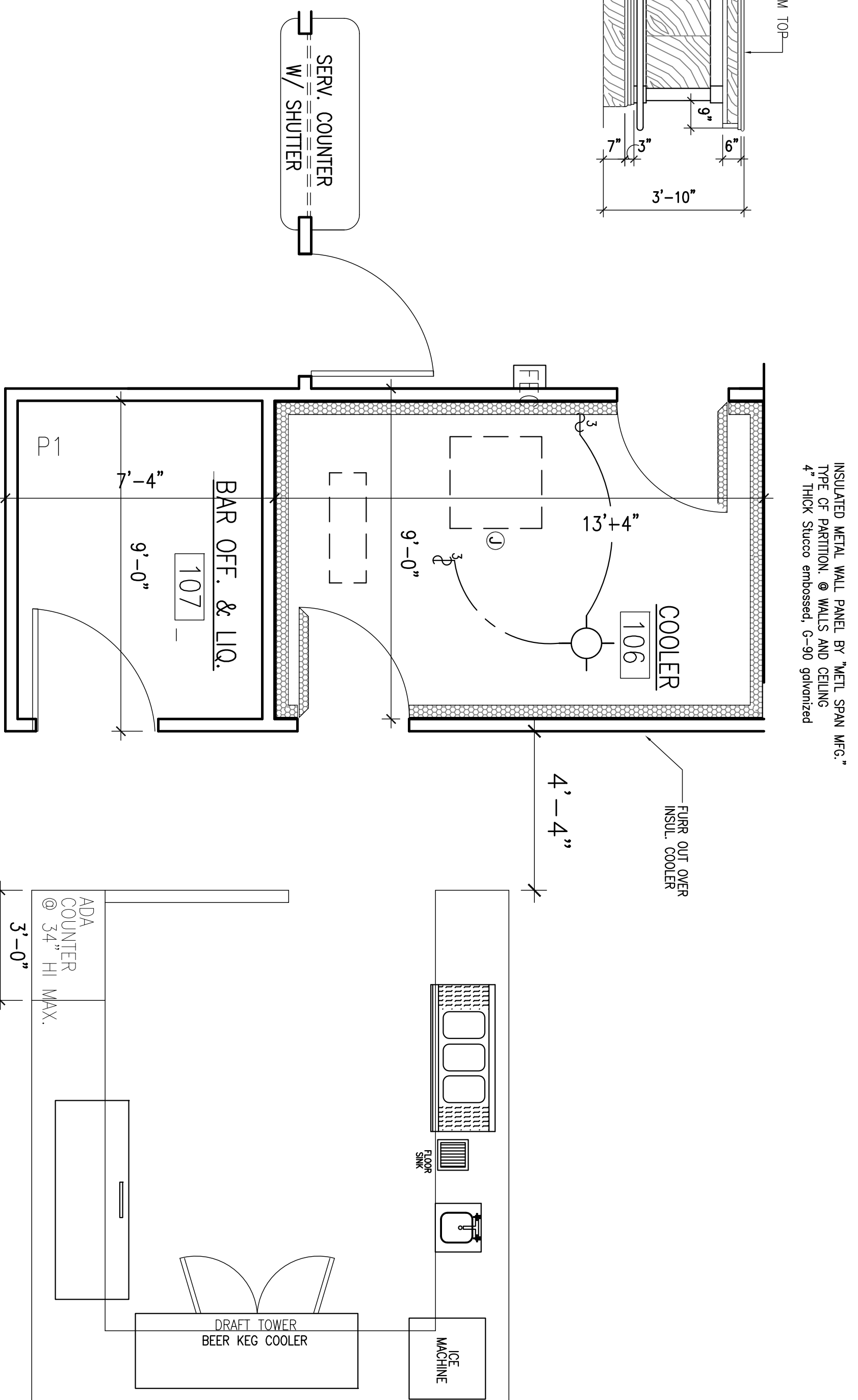
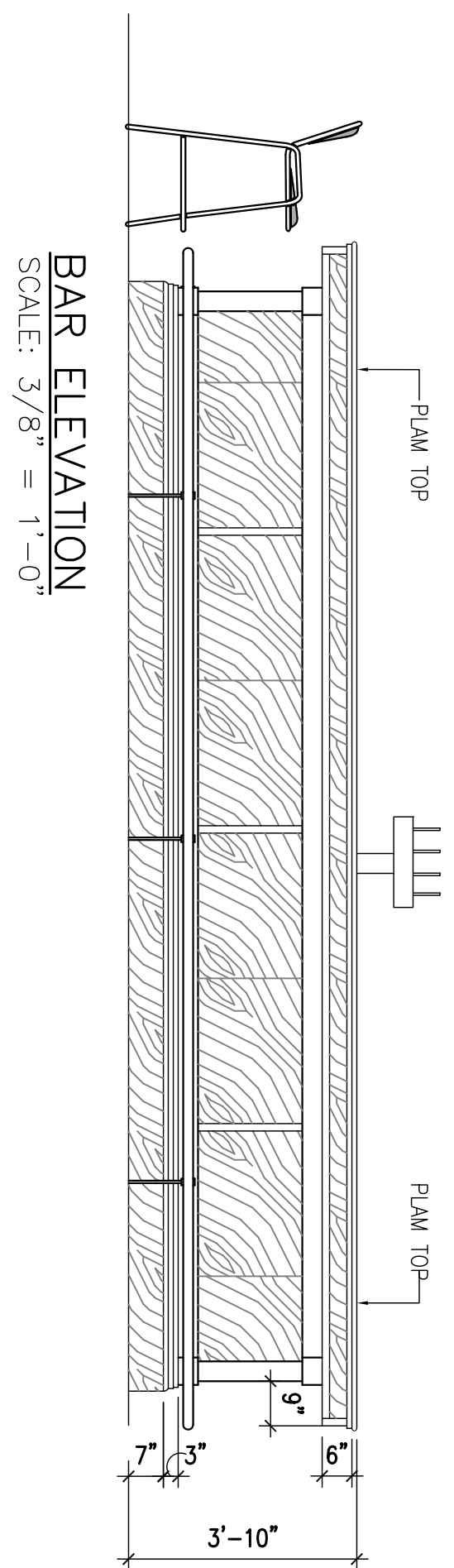
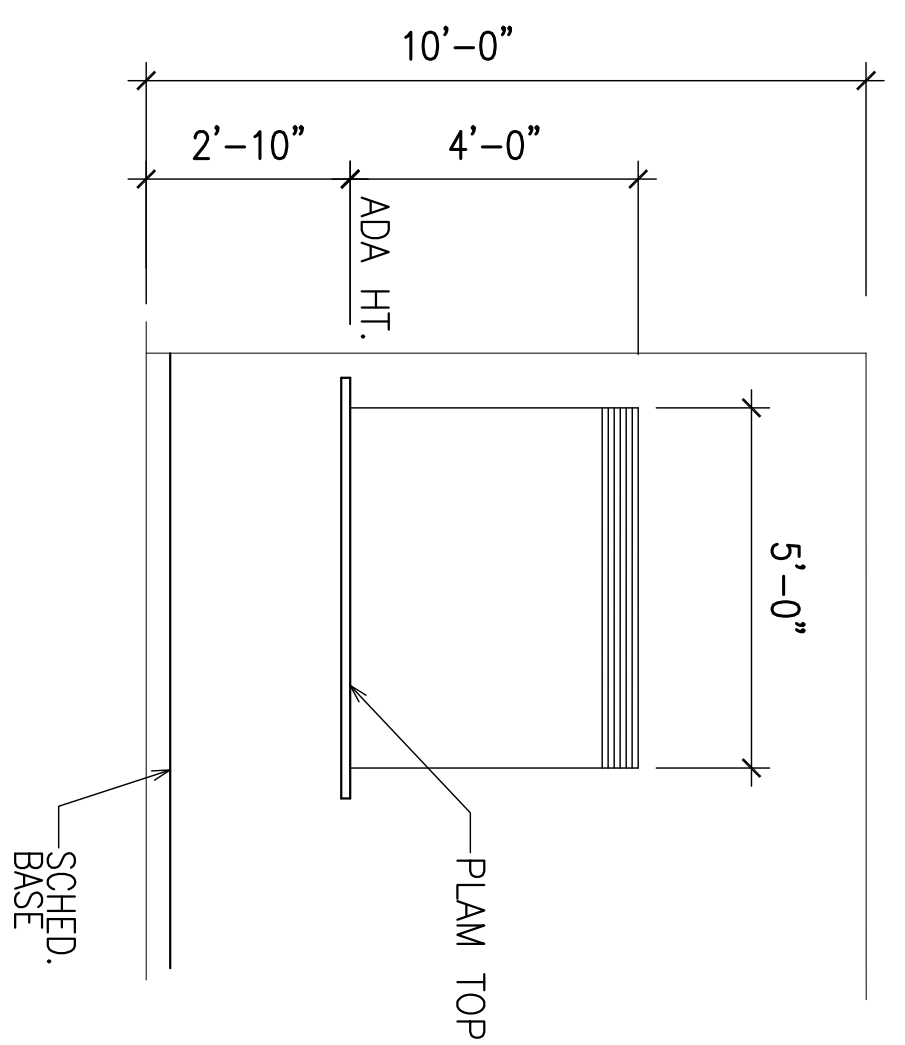
SHEET TITLE
 FLOOR PLAN

DATE: 2/15/2020
 REVISION: 4/9/2020
 ISSUED FOR REVIEW
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**ALTON MOTORBOAT CLUB
 PROPOSED CLUBHOUSE**
 11134 HARBOR DELL RD. GODFREY, IL



**JOHN A. SHORTAL,
 ARCHITECT, LTD.**
 1342 D'ADRIAN PROFESSIONAL PARK
 GODFREY, ILLINOIS 62035
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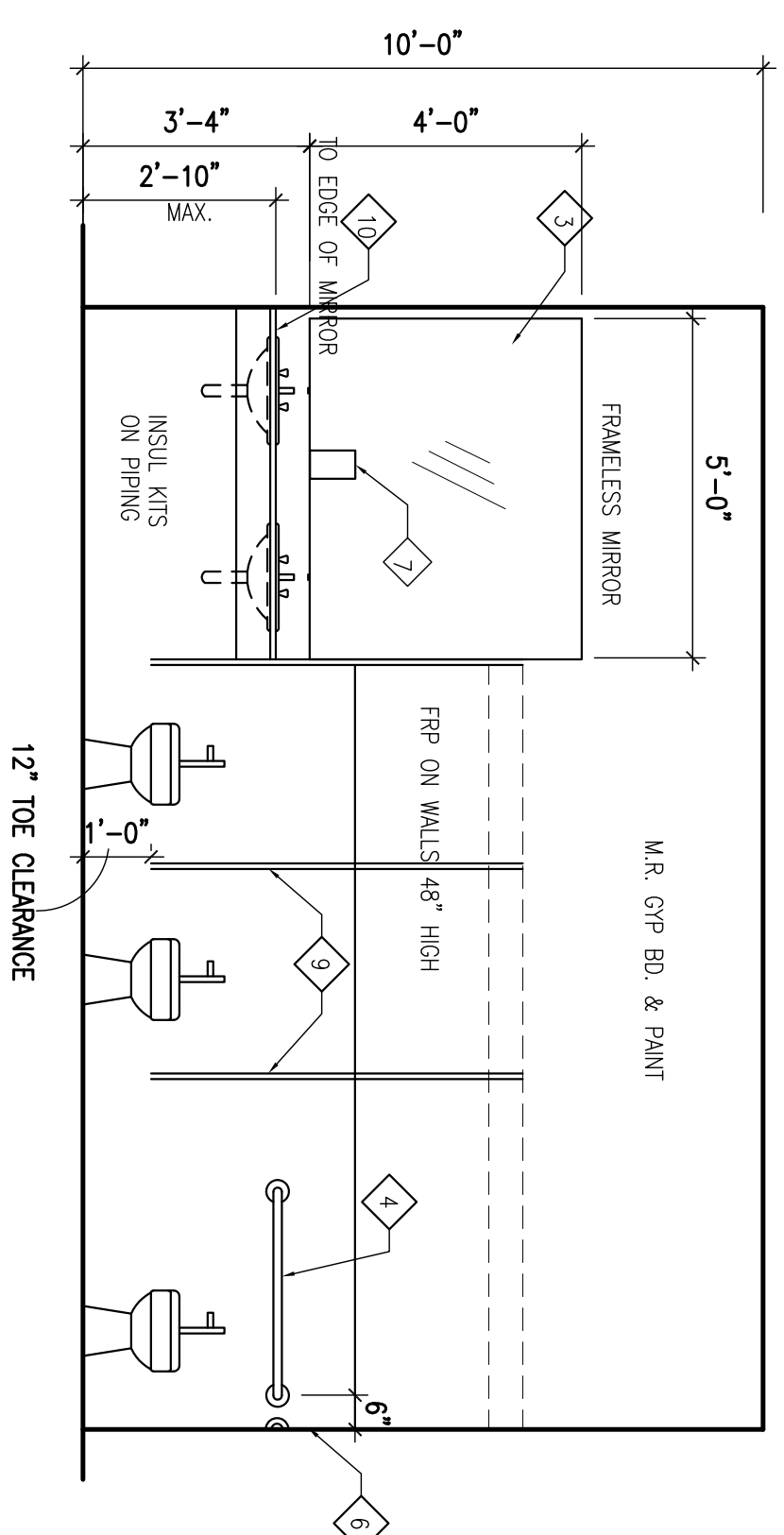
INSULATED METAL WALL PANEL BY METL SPAN MFG.
TYPE OF PARTITION: ● WALLS AND CEILING
4" THICK Stucco embossed, G-90 galvanized

5 ENLARGED BAR PLAN
3/8" = 1'-0"

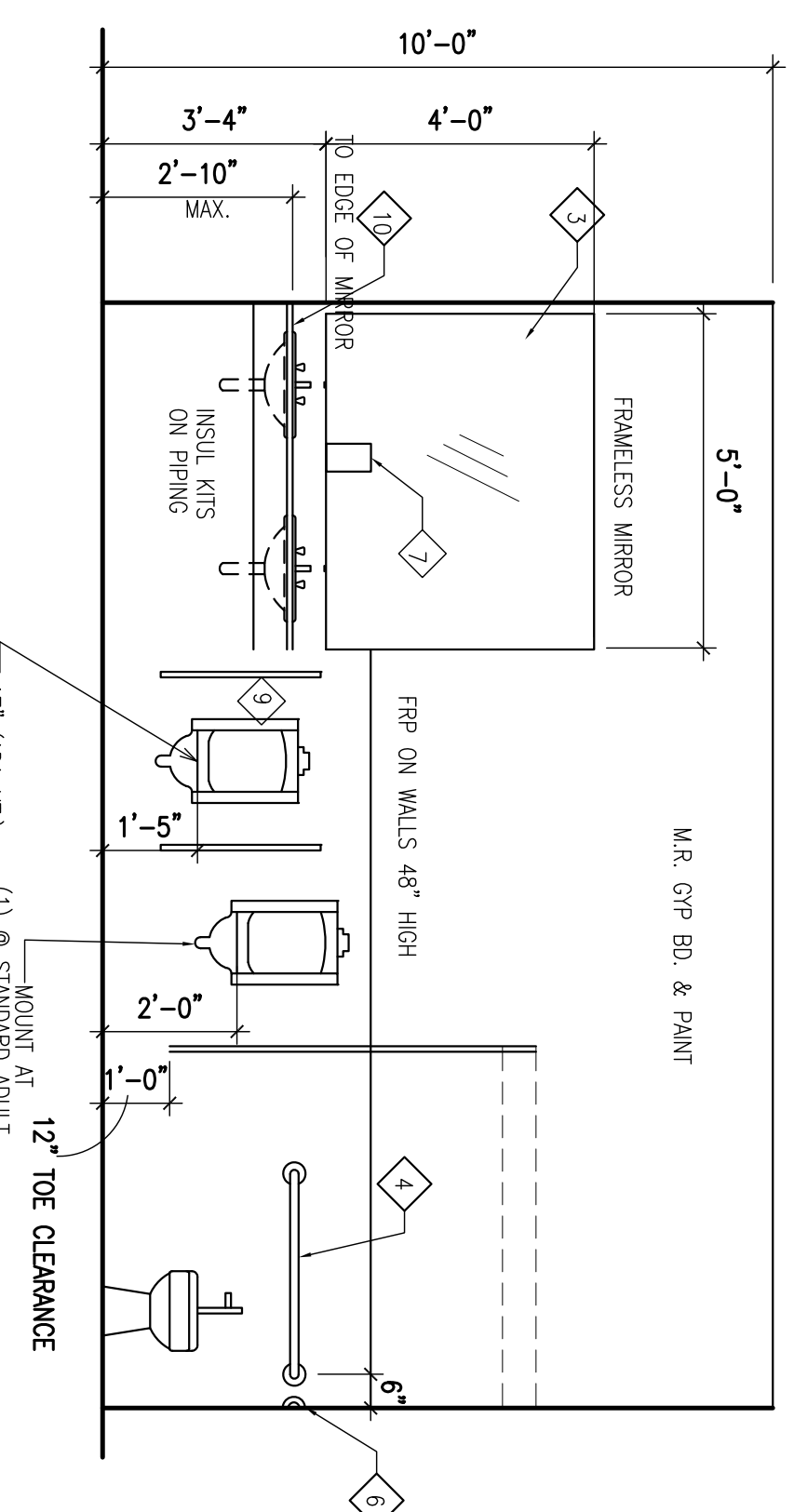
Toilet Accessories :

- 1 STAINLESS STL. FRAMELESS MIRROR
- 2 SURFACE MOUNTED TOILET TISSUE DISPENSER DUAL ROLLS
- 3 SEE ELEVATION STAINLESS STL. FRAMED MIRROR
- 4 36" LONG STAINLESS STEEL 1 1/4" DIA. GRAB BAR 18 GA. TYPE 304 WITH SAINI FINISH S.S. W/ ALL NECESSARY CONCEALED MOUNTING PLATES INCLUDE ANCHOR PLATES IN STUD WALLS SUPPLIED BY MFG. FIELD VERIFY WHERE OLD WALLS OCCUR.
- 5 42" LONG STAINLESS STEEL 1 1/4" DIA. GRAB BAR 18 GA. TYPE 304 WITH SAINI FINISH S.S. W/ ALL NECESSARY CONCEALED MOUNTING PLATES INCLUDE ANCHOR PLATES IN STUD WALLS SUPPLIED BY MFG. FIELD VERIFY WHERE OLD WALLS OCCUR.
- 6 AUTOMATIC SOAP DISH SOAP OR SIMILAR
- 7 AUTOMATIC HAND TOWEL DISPENSER MFG. TORX MATEC OR EQUAL #5910282 - BLACK
- 8 TOILET COMPARTMENT PARTITIONS AND URINAL DIVIDERS SHALL BE FLOOR MOUNTED POWERS COATED STEEL BRACKETS AND TO BLOCKING COLOR SELECT BY OWNER.
- 9 PLASTIC LAMINATE TOP
- 10 WASTE RECEPTACLE BY OWNER

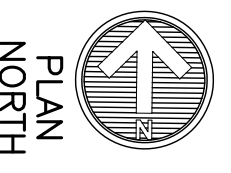
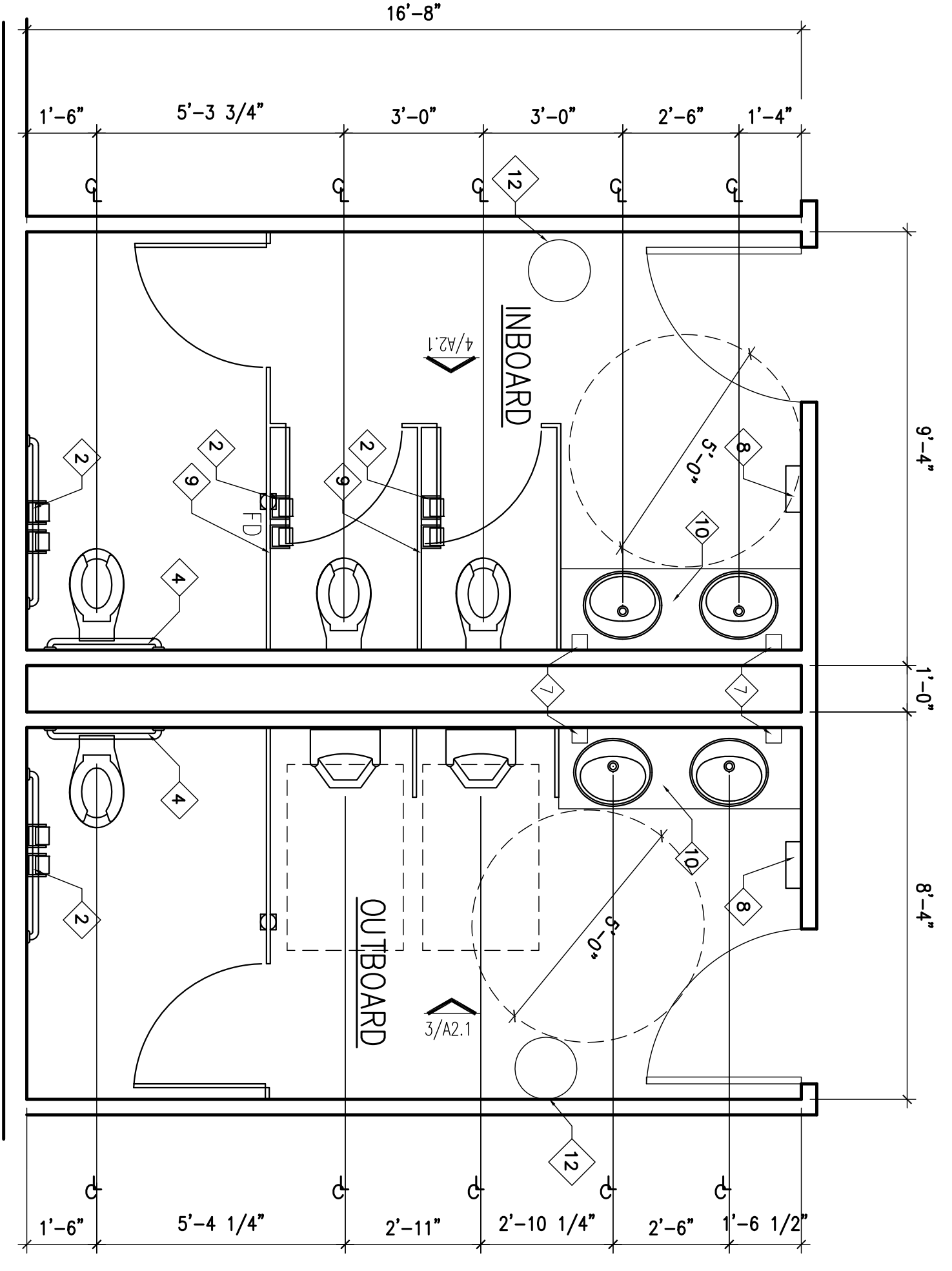
3 WOMENS ELEVATION
3/8" = 1'-0"



2 MENS ELEVATION
3/8" = 1'-0"

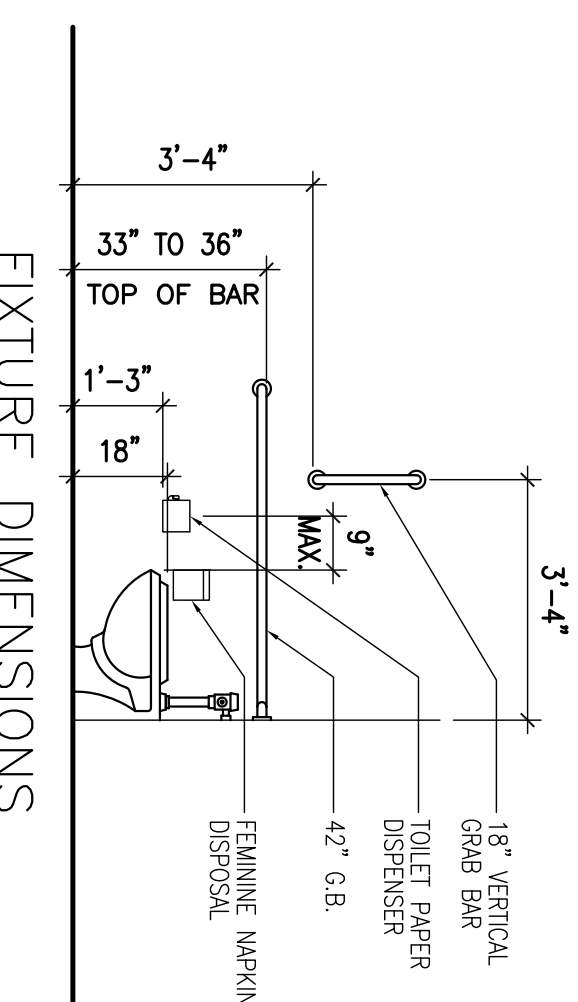


1 RESTROOM PLANS
3/8" = 1'-0"



EQUIP.	MFG.	MODEL	SIZE
BAR COOLER	AMANTICO	178 UBB 2472G	72 x 240 x 35H
WALL MOUNTED HAND SINK	KROWNE	HS-4	16x15x6 DEEP
ICE MACHINE	MANTONCO	RMS-0244A	16 1/4" x 25" x 33 1/4"
TRIPLE SINK	KROWNE	1800 SERIES KR18-43R	5'-0 1/4" x 190 x 36 1/4"
REACH IN COOLER	EXISTING (BY OWNER)		26" D x 5'-6" L x 35" H.
KEG COOLER	EXISTING (BY OWNER)		6'-0"

- * PLUMBING (GRABBAR, HOT & COLD WATER FEEDS)
 - * PTITIONS (BRACKET & SOFT DRINKS)
 - * ELECTRICAL
 - * DATA (PDU, TELEPHONE, TILLS, ALARMS)
- ALSO INSTAL SERVICES REQUIRED IN THE BACK BAR SERVERY AREAS:
- * ELECTRICAL
 - * DATA CABLES
 - * FLOWING



FOR PERMIT 2.15.20

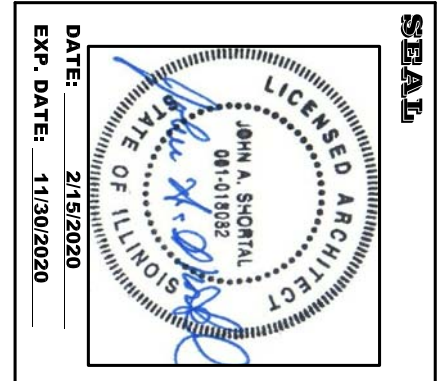
A2.1

SHERB TITLE
ENLARGED PLAN

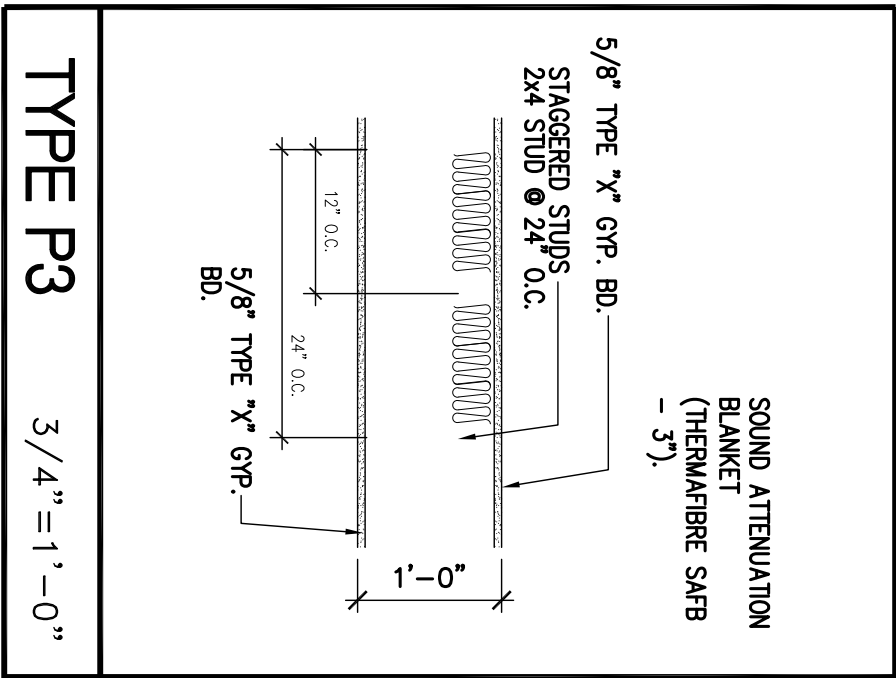
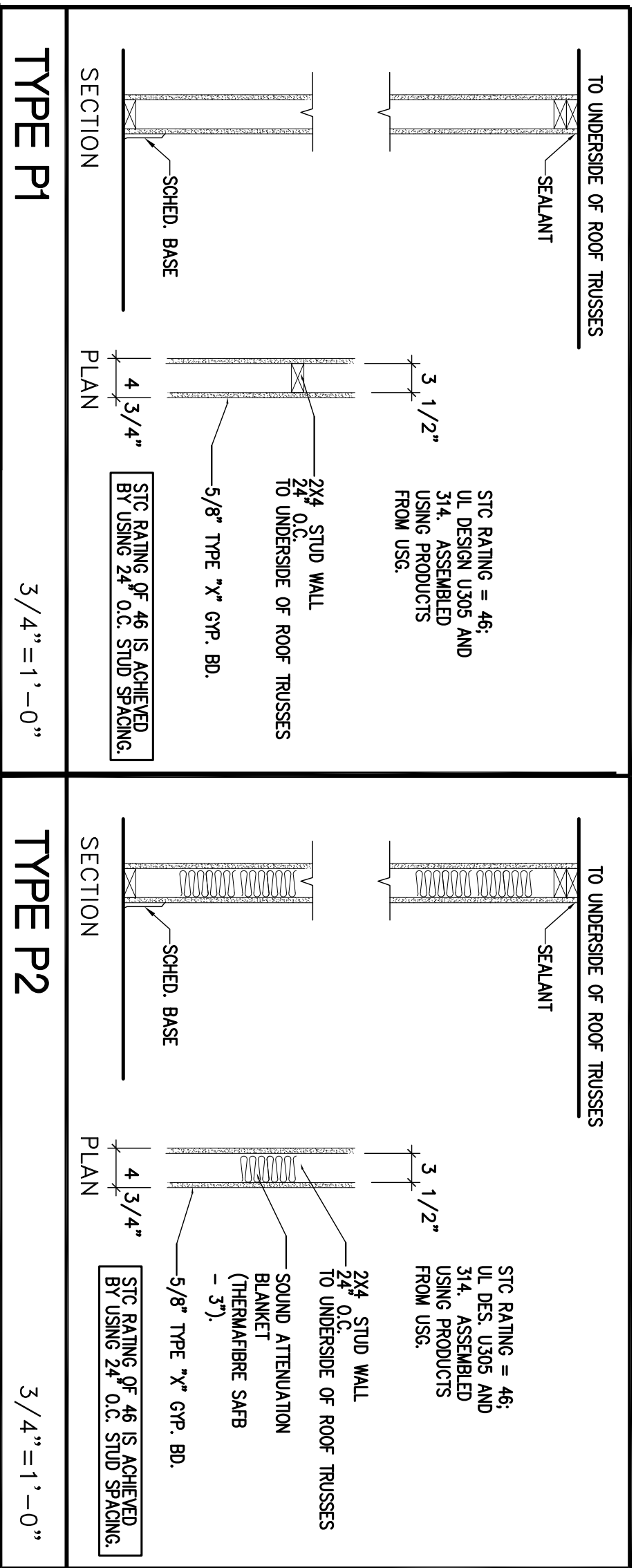
PROJ. NO.: 190018
DRAWN BY: JAS

DATE: 2/15/2020
REVISION: 4/9/2020
ISSUED FOR REVIEW

**ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE**
11134 HARBOR DELL RD. GODFREY, IL



**JOHN A. SHORTAL,
ARCHITECT, LTD.**
1342 D'ADRIAN PROFESSIONAL PARK
GODFREY, ILLINOIS 62035
(618) 466-7500



SIDES ONE MATERIAL: INJECTION MOLDDED PLASTIC CONCRETE/2\"/>

CAPITALIZATION: UPPER CASE CONCRETE/2\"/>

MOUNTING DIAGRAM

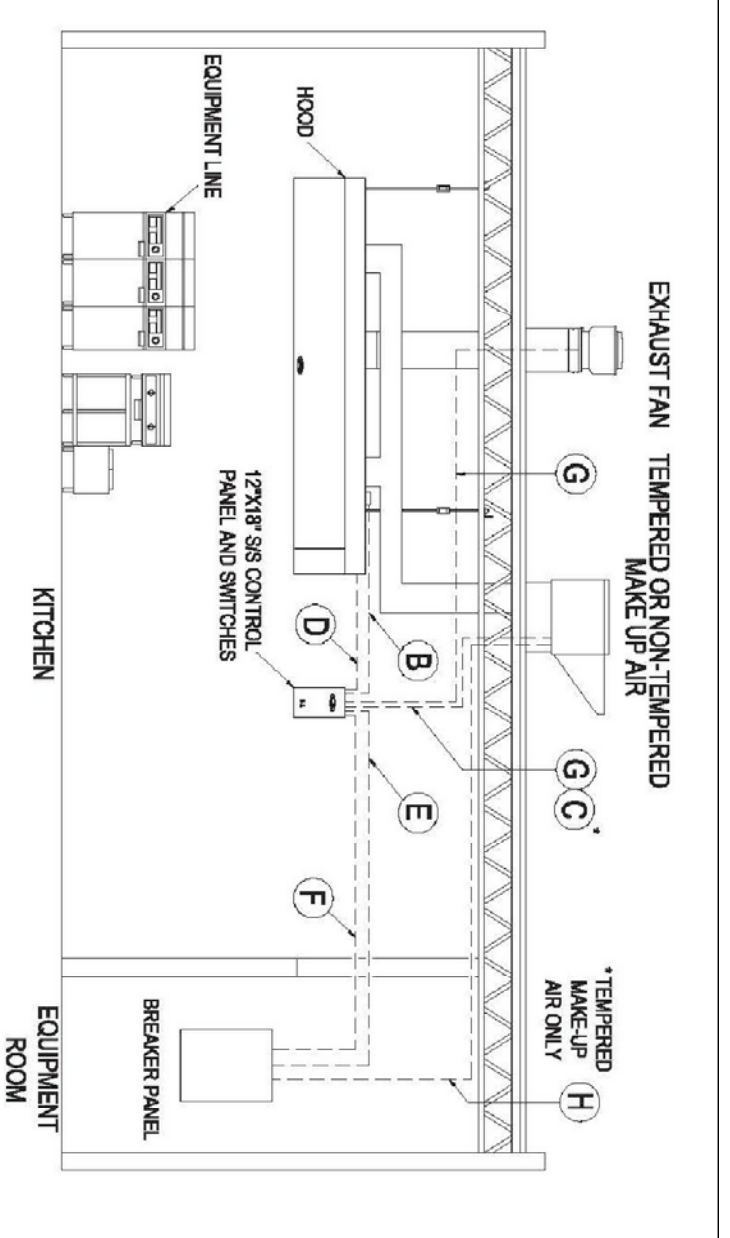
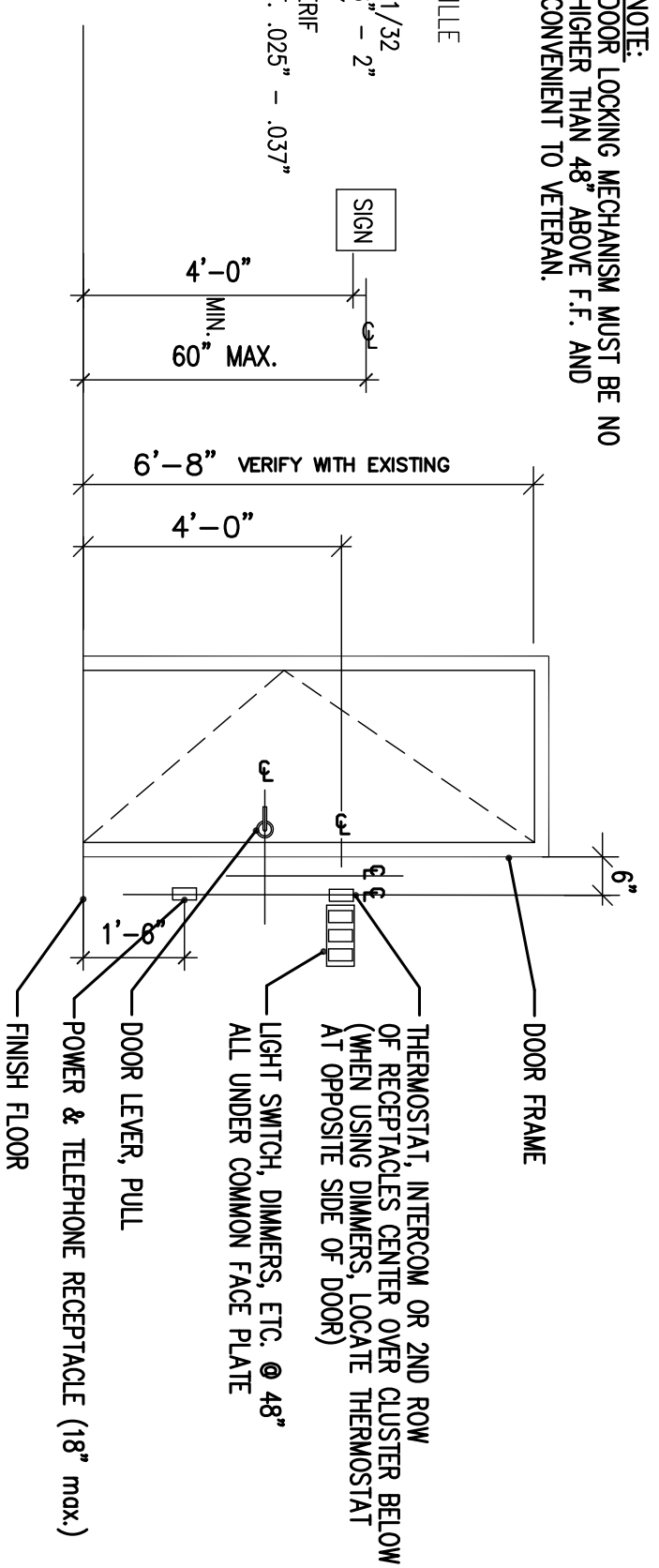


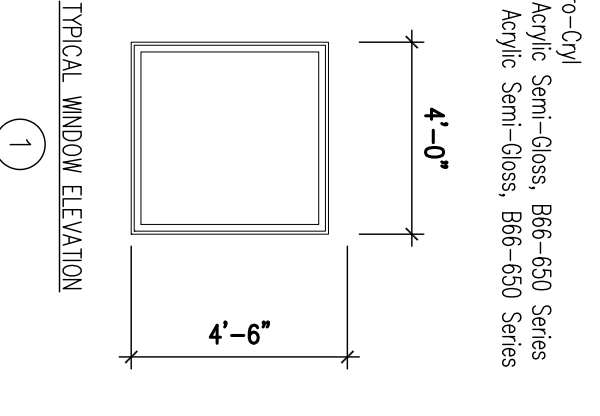
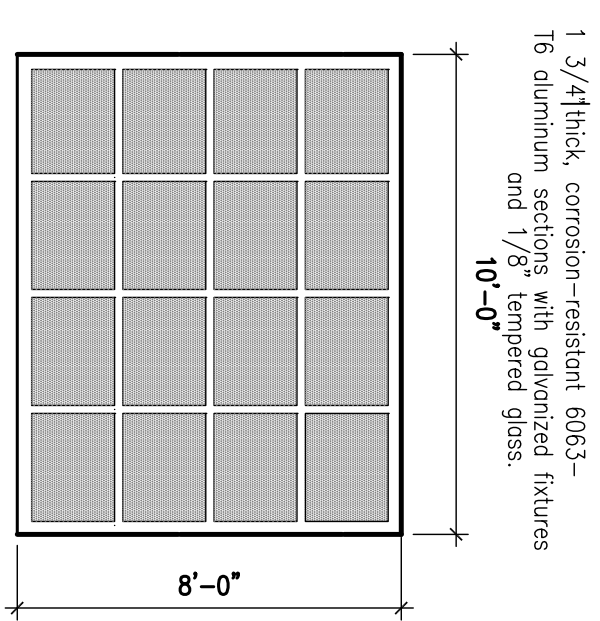
Figure 3
Electrical Connection Required for System

SSS: 12" x 18" x 6" control panel with hinged door and switches:

- (A) - Lights in hood (120V, 1 Phase 20 AMP)
- (B) - Low voltage control wiring (Tempered make up air is provided) from unit to control panel.
- (C) - Fire suppression micro switches.
- (D) - 2 separate circuits from breaker panel:
- (E) - (1) 20VAC SAMP for control voltage
- (F) - (1) 20VAC SAMP for control voltage
- (G) - 1 phase power as required from breaker panel to fans (see wiring diagram)
- (H) - 1 phase power (Tempered make up air is provided) from breaker panel to unit.

Note: Tempered make-up air is provided, the power wiring for the tempered unit must be connected directly from breaker panel. (F) and a separate control circuit connected from the unit to the control panel. (G)

DOOR SCHEDULE							ALL FINISHES SHALL BE US260		
DOOR NO.	SIZE			TYPE	HARDWARE	FRAME	SILL	RATING	REMARKS
	WIDTH	HEIGHT	THICKNESS						
100A	3'-0"	7'-0"	1 3/4"	C		AL	AL/ADA	-	
100B	3'-0"	7'-0"	1 3/4"	B		AL	AL/ADA	-	
100C	3'-0"	7'-0"	1 3/4"	C	SCHEDULE KEYPAD	H.M.		-	
100D	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
101	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
102	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
103	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
104	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
105	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
106A	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
106B	3'-0"	7'-0"	1 3/4"	A		H.M.		-	
107	3'-0"	7'-0"	1 3/4"	D		H.M.		-	

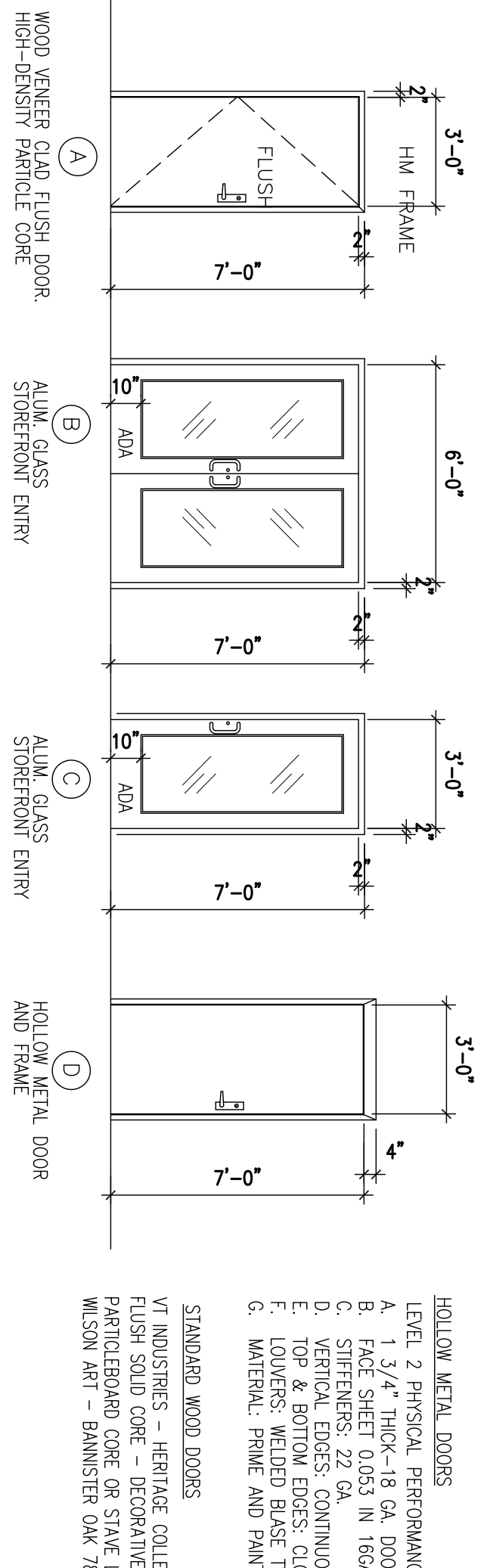


WINDOWS ARE "PRE-FABRICATED" 4" HEAVY COMMERCIAL THERMALLY BROKEN MANUFACTURED BY WINDO OF ST. LOUIS MO. 1450 L SERIES.

1" GLAZING BEAD FOR: 1/2" AIR SIDE LITE 1/4" INSIDE LITE

GLAZING VALUES:

U VALUE WINTER NIGHTTIME: 30 MAX. U VALUE WINTER DAYTIME: 30 MAX. U VALUE SUMMER NIGHTTIME: 60 MAX. U VALUE SUMMER DAYTIME: 60 MAX. OUTDOOR VISIBLE REFLECTANCE: 16% MAX.



- PROVIDE HARDWARE FOR TYP. STORAGE/MECHANICAL ROOM:
- 2 PRE. BUTTS (INT. REC.) BR1279 1/2" x 4 1/2" x 1/2" Z NRP
 - 1 EA. CLOSER 7704ER THRU-BOLT ARM
 - 1 EA. LOCKSET (STORAGE) DB80R-R #8400
 - 1 EA. KICKPLATE (8"X34") #8400
 - 1 EA. WALL STOP #407 1/2"
- FIGURE PHOTOGRAPH
- PROVIDE HARDWARE FOR TYPICAL OFFICE ROOM:
- 3 EA. HINGE 4 1/2" x 4 1/2" BUTTS BR1279
 - 1 EA. PULL BAR W/SHOULDER
 - 1 EA. COAT HOOKS 572 JS232D
 - 1 EA. SOUND SEALS 2528 X 36" x 84"
- "HAGER" "FALCON" "VES" "NATIONAL GUARD"
- PROVIDE HARDWARE FOR RESTROOM DOORS:
- EA. HINGE 4 1/2" x 4 1/2" X16
 - EA. PULL BAR 10710C X16
 - EA. KICKPLATE 1150 8 X34
 - EA. DOORSTOP 444 260
- PROVIDE HARDWARE FOR RESTROOM DOORS:
- 260 (HL-1) WORKING
 - 260 (PP-2) ROCKWOOD
 - 260 (PP-1) ROCKWOOD
 - 260 (ST-2) ROCKWOOD

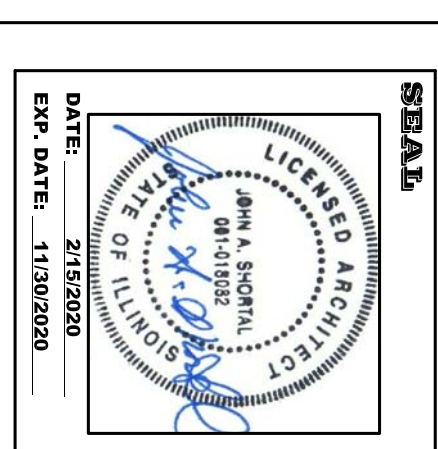
FOR PERMIT 2.15.20

A2.2

DATE: 2/15/2020
 REVISION: 4/9/2020
 ISSUED FOR REVIEW
 PROJ. NO.: 190018
 DRAWN BY: JAS

**ALTON MOTORBOAT CLUB
 PROPOSED CLUBHOUSE**

11134 HARBOR DELL RD. GODFREY, IL



**JOHN A. SHORTAL,
 ARCHITECT, LTD.**

1342 D'ADRIAN PROFESSIONAL PARK
 GODFREY, ILLINOIS 62035
 (618) 466-7500

Electrical layout showing all scheduled fixtures and their locations. Electrical connections shall complete all the circuits and branch wiring for a complete working electrical system.

CALCULATED SYMBOL	DESCRIPTION	MFG.	LAMP	VOLTS	NOTES
A	6" COMPACT FLUORESCENT UL REC. COULON (E85)	OSRAM-HALO-HISEE	(2) 28 WATT	120V 50/60 HZ	
B	4" RECESSED DOWN LIGHT (LX) 5000K (E85)	HALO-HISEE BY OSRAM	LED	120V 50/60 HZ	PROVIDE WITH BALLAST RECONNECT
C	4" WET-ROOM LIGHT	METALUX 40 WATT DEL. W/UL	2 LAMP FLUORESCENT	120V 50/60 HZ	PROVIDE WITH BALLAST RECONNECT
D	SELF-CLEANING EXIT LIGHT	SELF-CLEANING EXIT LIGHT (E85)	(2) LED/INCANDE	120V 50/60 HZ	LUMINAIRE SHALL BE PROVIDED WITH SELF-DIAGNOSTICS
E	EMERGENCY LUMINAIRE	SELF-CLEANING EXIT LIGHT (E85)	(2) BAYONET	120V 50/60 HZ	LUMINAIRE SHALL BE PROVIDED WITH SELF-DIAGNOSTICS
F	SMOKE DETECTOR	SENSUS SE-11		120V 50/60 HZ	
G	SMOKE DETECTOR	OSRAM LIGHTING-ACR-24		120V 50/60 HZ	
H	SMOKE DETECTOR	OSRAM LIGHTING-ACR-24	(1) 14W MINI 8'-AN. 12 LUMEN LAMP	120V 50/60 HZ	
I	SMOKE DETECTOR	OSRAM LIGHTING-ACR-24		120V 50/60 HZ	
J	SMOKE DETECTOR	OSRAM LIGHTING-ACR-24	(2) 32W-118	120V 50/60 HZ	

EXHAUST FAN (EF) SCHEDULE		HEATING DATA		ELECTRICAL DATA				
TAG	MODEL NUMBER	EXHAUST AIR (CFM)	ESP (WG)	WT (LBS)	ROOF OPENING (IN)	VOLTAGE	PHASE	FLA
EF-1	GRP-B110	75	0.375	10	N/A	120	1	-

KARP ASSOCIATES, INC.
54-54 43rd Street, Manhasset, NY 11038
(718) 784-2105 - Phone
(718) 784-9189 - Fax

UNIVERSAL FIRE RATED ACCESS DOOR

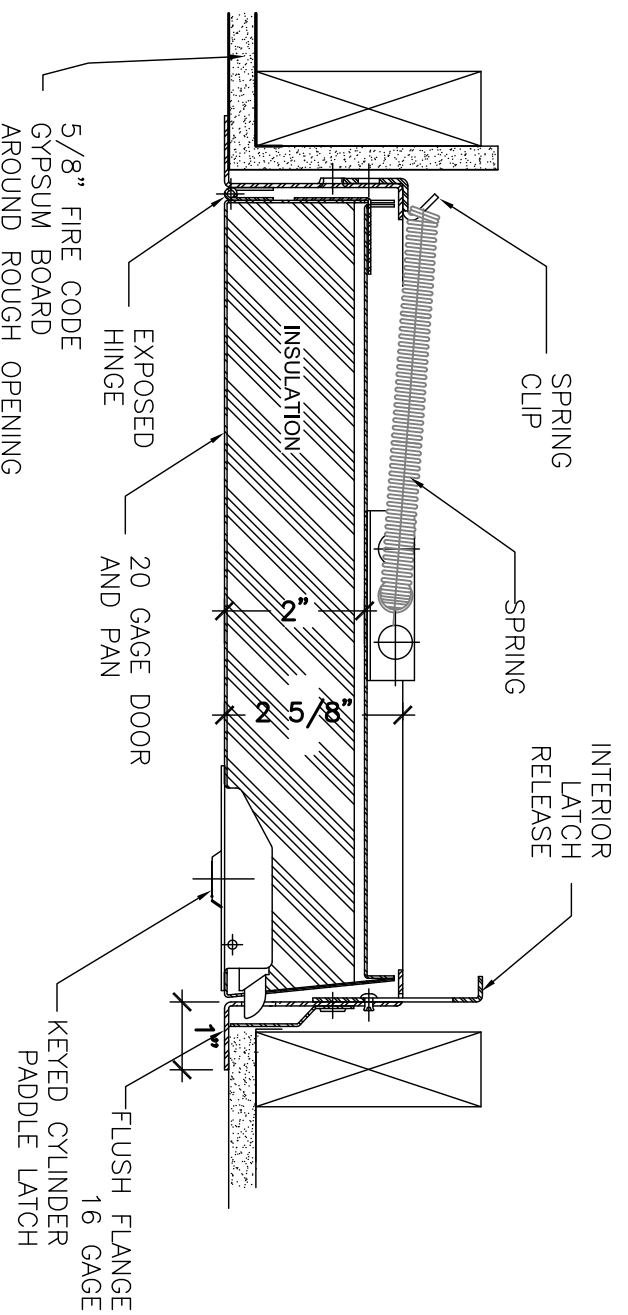
GENERAL SCOPE:
The KRP-150FR is insulated and rated by Underwriters Laboratories for 1.5 hour "B" label in walls, and may be used in a 2 hour fire rated wall assembly. Additionally, Watrook Hersey rated the KRP-150FR for 3 hours in ceilings.

- CONSTRUCTION:**
- Frame shall be 16 gage steel
 - Door shall be 16 gage steel, welded pan type.
 - Flange shall be 16 gage steel, 1" wide
 - Hinge shall be exposed continuous hinged
 - Door shall be filled with 2" thick fire rated insulation.
 - Door shall have automatic closure, be self-latching, and contain interior latch release.
 - Latches shall be spring loaded sliding bolt type, keyed paddle latch, all keyed alike. Door can be prepared for a rim cylinder lock.
 - Finish shall be prime coat of rust inhibitive electrostatic powder, baked enamel. Stainless steel doors shall have #4 satin finish.

FIRE-RATED ACCESS DOOR INSTALL IN SHEET ROCK, MASONRY, TILD OR PLASTER.

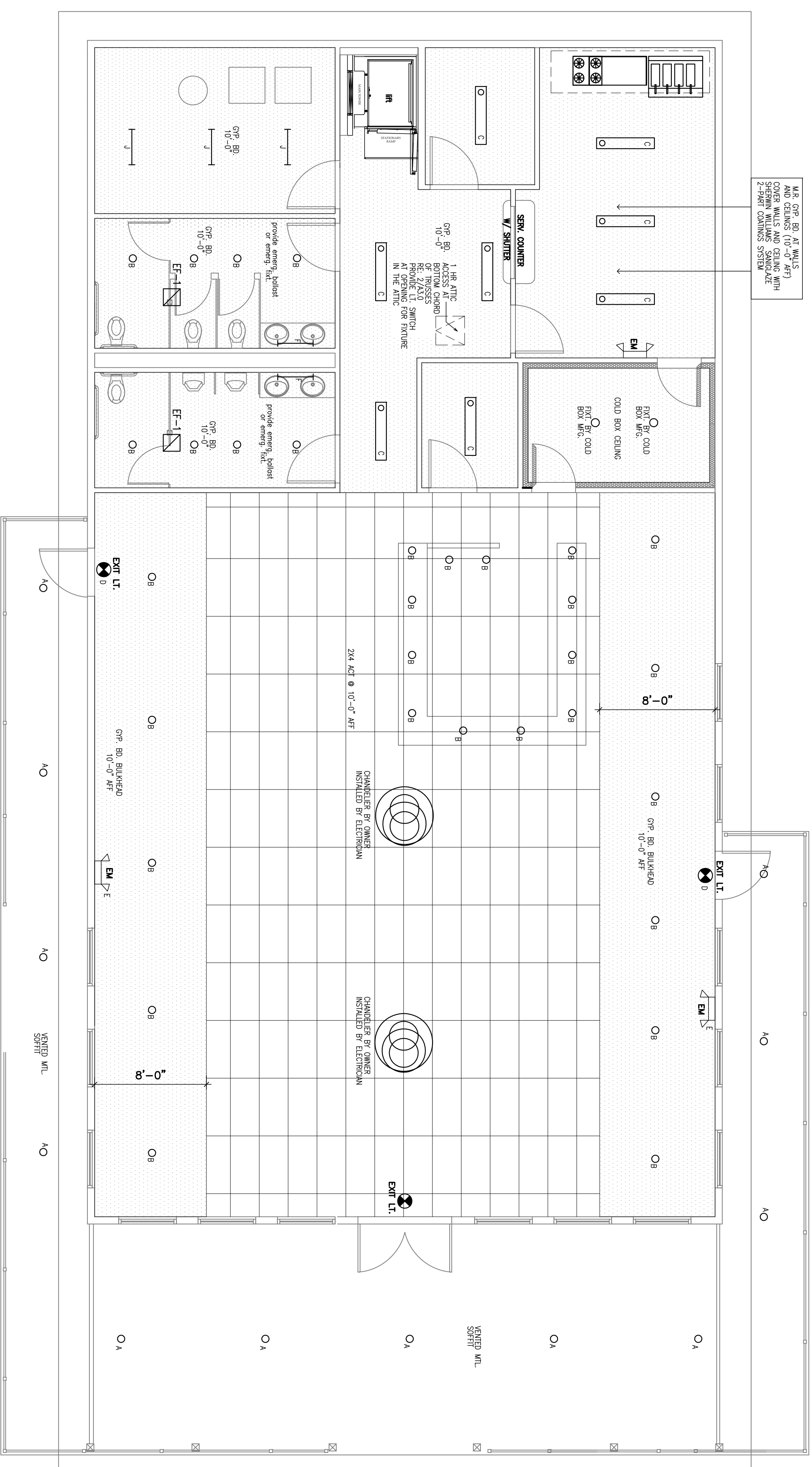
DOOR SIZE H X W (IN)	WALL/CEILING OPENING (IN)	NUMBER OF LATCHES	SHIP WT. (LBS.)
22 X 22	22 3/8 X 22 3/8	1	24.0

Model KRP-150FR



1 HR RATED ATTIC ACCESS HATCH

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

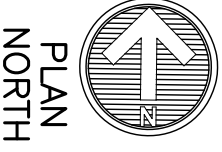


ARMSTRONG ACI: CIRIUS Second Look II (MINERAL FIBER): ITEM 510

A. Acoustical Panels Type AP

- Surface texture: Medium
- Composition: Mineral Fiber
- Color: White
- Size: 48" x 48" in.
- Edge Profile: Beveled Taper 9/16" in.
- Noise Reduction Coefficient (NRC): ASTM C 423, Classified with UL label on product carton 0.85
- Ceiling Attenuation Class (CAC): ASTM C 1414, Classified with UL label on product carton 35
- Seismic Category C, D, E & F
- Heavy Duty Rated.
- Seismic Category C, D, E & F

1 RCP
3/16" = 1'-0"



JOHN A. SHORTAL, ARCHITECT, LTD.
1342 D'ADRIAN PROFESSIONAL PARK
GODFREY, ILLINOIS 62035
(618) 466-7500

SEAL
LICENSED PROFESSIONAL ARCHITECT
STATE OF ILLINOIS
JAMES A. SHORTAL
No. 041-000000
DATE: 2/15/2020
EXP. DATE: 1/30/2020

ALTON MOTORBOAT CLUB PROPOSED CLUBHOUSE
11134 HARBOR DELL RD. GODFREY, IL

DATE: 2/15/2020
REVISION: 4/8/2020
ISSUED FOR REVIEW
PROJ. NO.: 190018
DRAWN BY: JAS
SHEET TITLE: UPPER LEVEL ROP
A3.0
FOR PERMIT 2.15.20

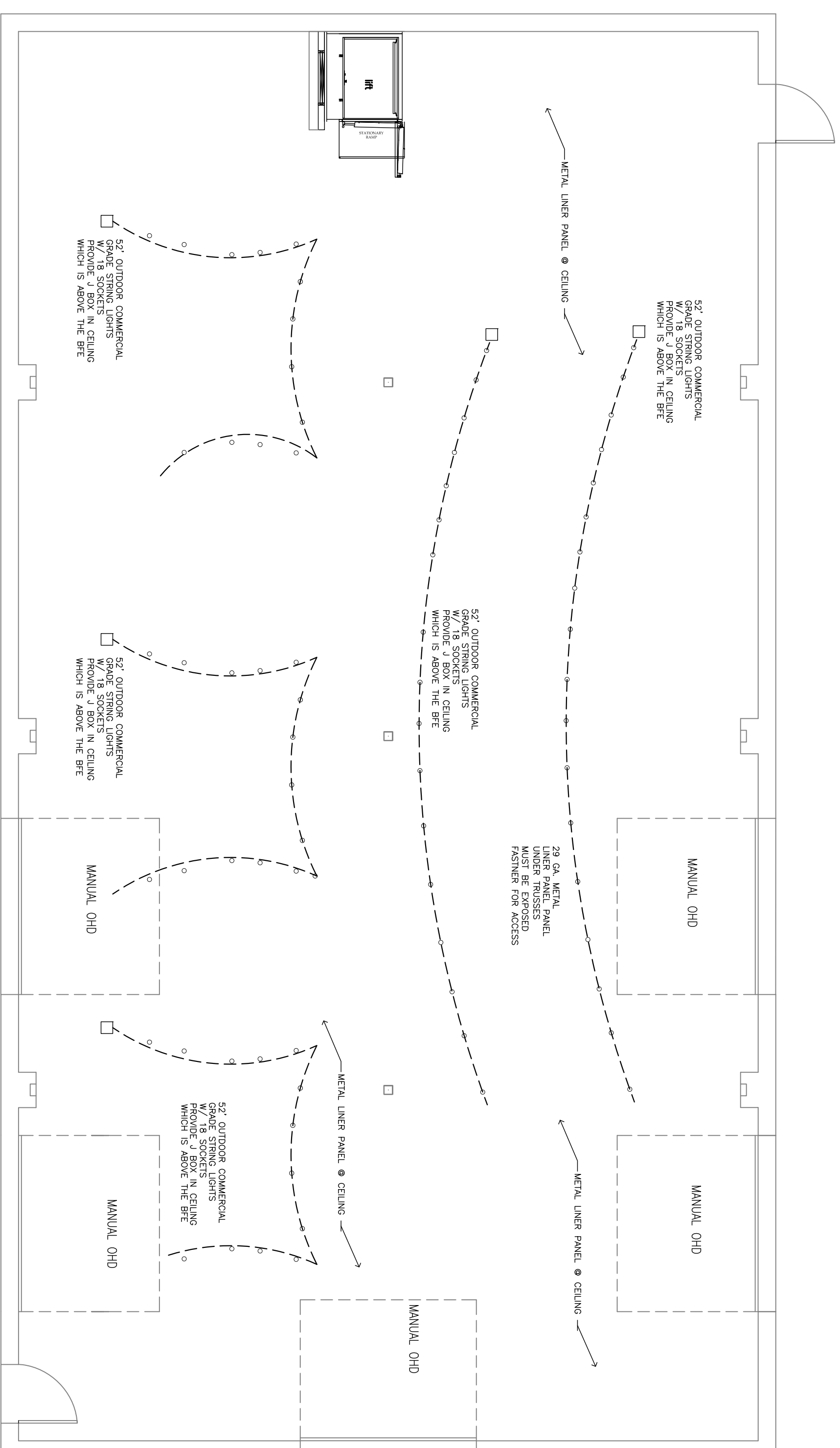
ALL CIRCUITS AT LOWER LEVEL MUST BE IN WATER TIGHT PVC CONDUIT

Component Protection/Isolation
 If control and utilization equipment must remain below the BFE, it should be isolated using the distribution panel. The components that lie beneath the BFE should be grouped together on GFC breakers. In addition, these breakers should be clearly marked so that they can be disconnected in the event of flooding. Outdoor electrical equipment should be protected by a system of flood-proofing, normally, either the enclosure of the electrical system below the BFE have been disconnected for post-flooding examination and replacement of inundated components.

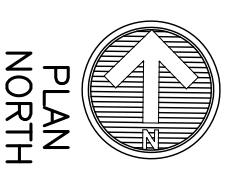
The only electrical components that are permitted below the BFE are the meter, the main service disconnect, and any components required for crane, light fixtures, and switches and receptacles required for crane steel for building access, parking, or storage.

Consult with utility company "AMEREN". Determine if they will permit the meter to be elevated above the BFE with access provided by a stairway and platform. If the company does not permit this, the meter can be located below the BFE, but must be elevated as high as the company permits.

Wall switches, receptacles, and lighting components are typically interconnected using electric junction boxes and pressure connections. In flood-prone areas, these boxes should be constructed of non-corrosive materials and located above the BFE.



1 RCP
 3/16" = 1'-0"
 LOWER LEVEL

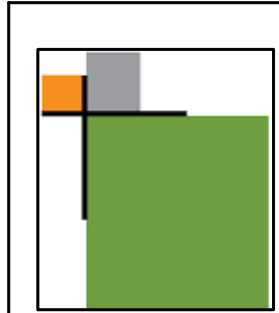
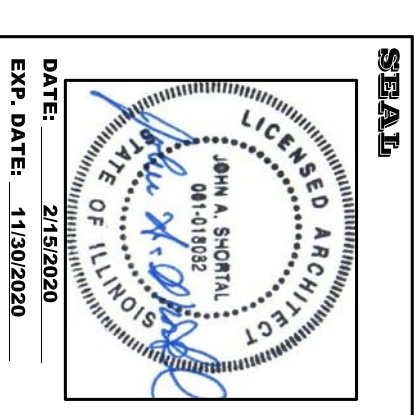


FOR PERMIT 2.15.20

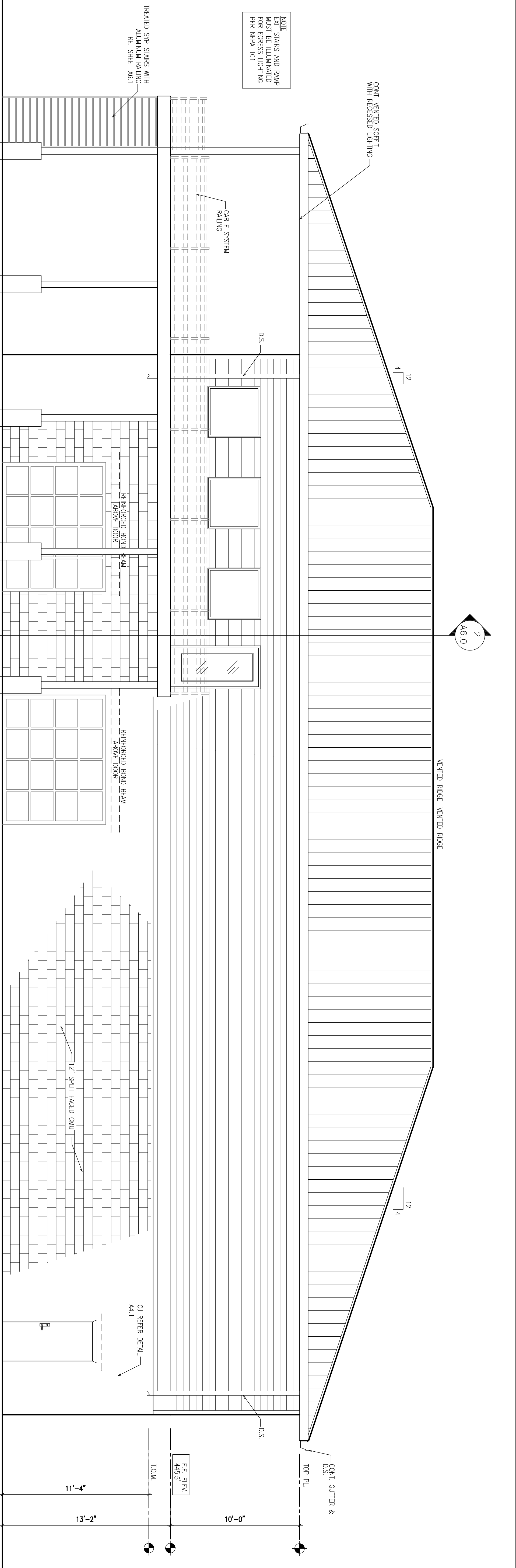
A3.1

DATE: 2/15/2020
 REVISION: 4/9/2020
 ISSUED: REVIEW
 PROJ. NO.: 190018
 DRAWN BY: JAS

**ALTON MOTORBOAT CLUB
 PROPOSED CLUBHOUSE**
 11134 HARBOR DELL RD. GODFREY, IL



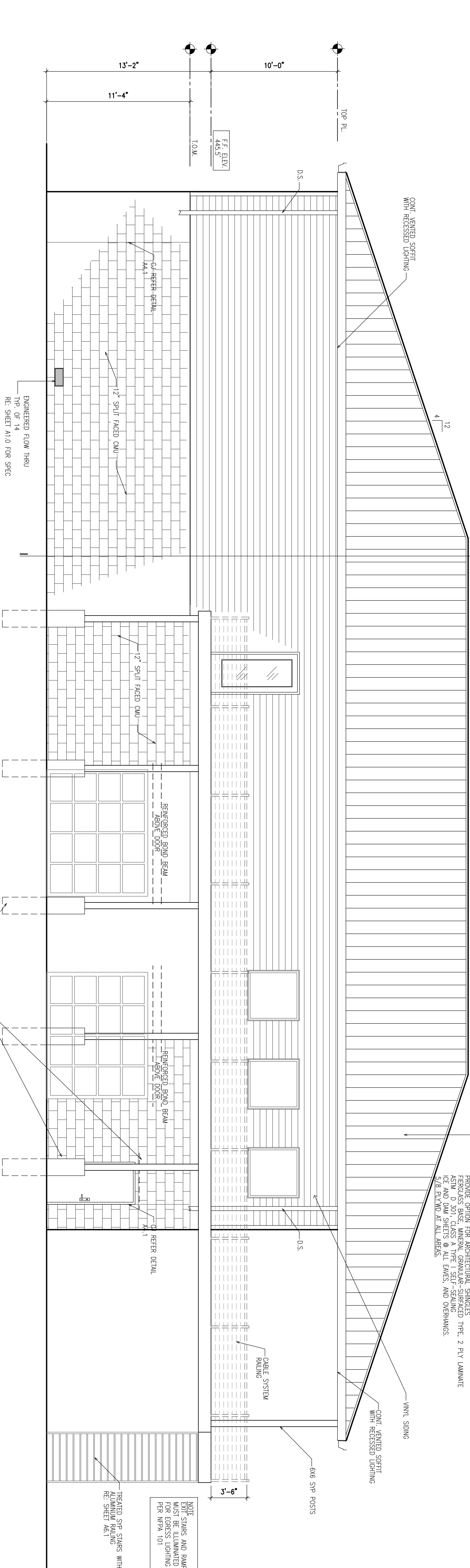
**JOHN A. SHORTAL,
 ARCHITECT, LTD.**
 1342 D'ADRIAN PROFESSIONAL PARK
 GODFREY, ILLINOIS 62035
 (618) 466-7500



2 EAST ELEVATION
1/4" = 1'-0"

ROOF PANELS DESIGN IS BASED ON "MEDEBOR" METAL ROOF PANELS.
26 GA. GALVALUME MAX-RIB EXPOSED FASTENER ROOF PANELS.
COATING: KYNAR 500 (PVDF) FINISH AND 5/8" ROOF SHEARING FOR SOLID DECK INSTALLATION
PANELS ARE INSTALLED BY PACKING PANEL HEAD FASTENER IN PANELS SLOTTED FLANGE.
MEETS UP/IF: UTS60-CLASS 90
CLASS A-U/790
ALL ACCESSORIES BY MCGUIRE (FASTENERS, BUTYL SEALANT TAPES, ETC.)
PROVIDE OPTION FOR ARCHITECTURAL SHINGLES
FERROGLASS BASE, MINERAL GRANULAR-SURFACED TYPE 2 PLY LAMINATE
ASPH/FLY 301 CLASS A TYPE 1 SELF-SEALING
CLASS 1-5/8 CLASS 1-5/8 ALL DAVIS, AND OTHERS.
5/8" DIVIDED AT ALL AREAS.

NOTE: STAIRS AND RAMP
EXIT STAIRS AND RAMP
MUST BE ILLUMINATED
FOR EGRESS LIGHTING
PER NFPA 101



1 WEST ELEVATION
1/4" = 1'-0"

JOHN A. SHORTAL, ARCHITECT, LTD.
1342 D'ADRIAN PROFESSIONAL PARK
GODFREY, ILLINOIS 62035
(618) 466-7500

DATE: 2/19/2020
DRAWN DATE: 1/19/2020

SEAL
LICENSED ARCHITECT
JOHN A. SHORTAL
STATE OF ILLINOIS
NO. 011-00000000

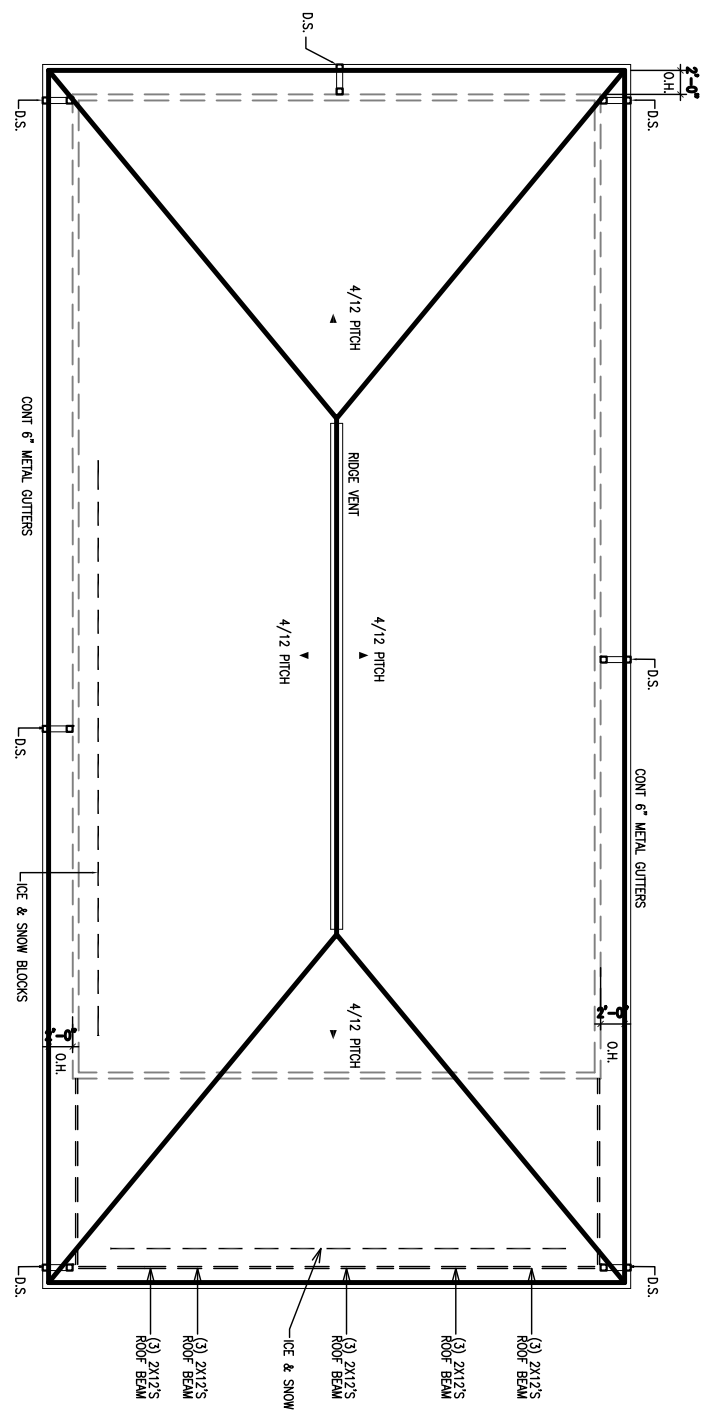
**ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE**
11134 HARBOR DELL RD. GODFREY, IL

DATE: 2/19/2020
REVISION: 4/6/2020
ISSUED REVIEW
PROJ. NO.: 190018
DRAWN BY: JAS

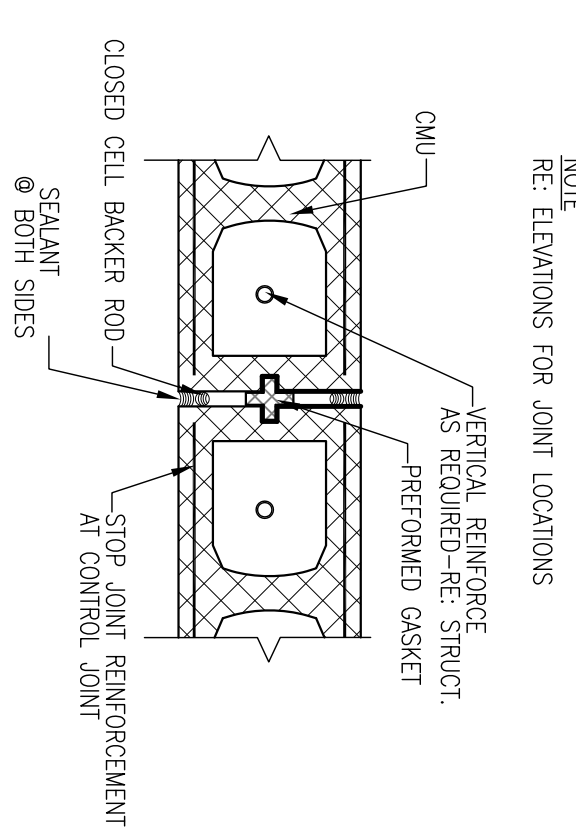
SHEET TITLE
EXTERIOR ELEVATIONS

FOR PERMIT 2.15.20

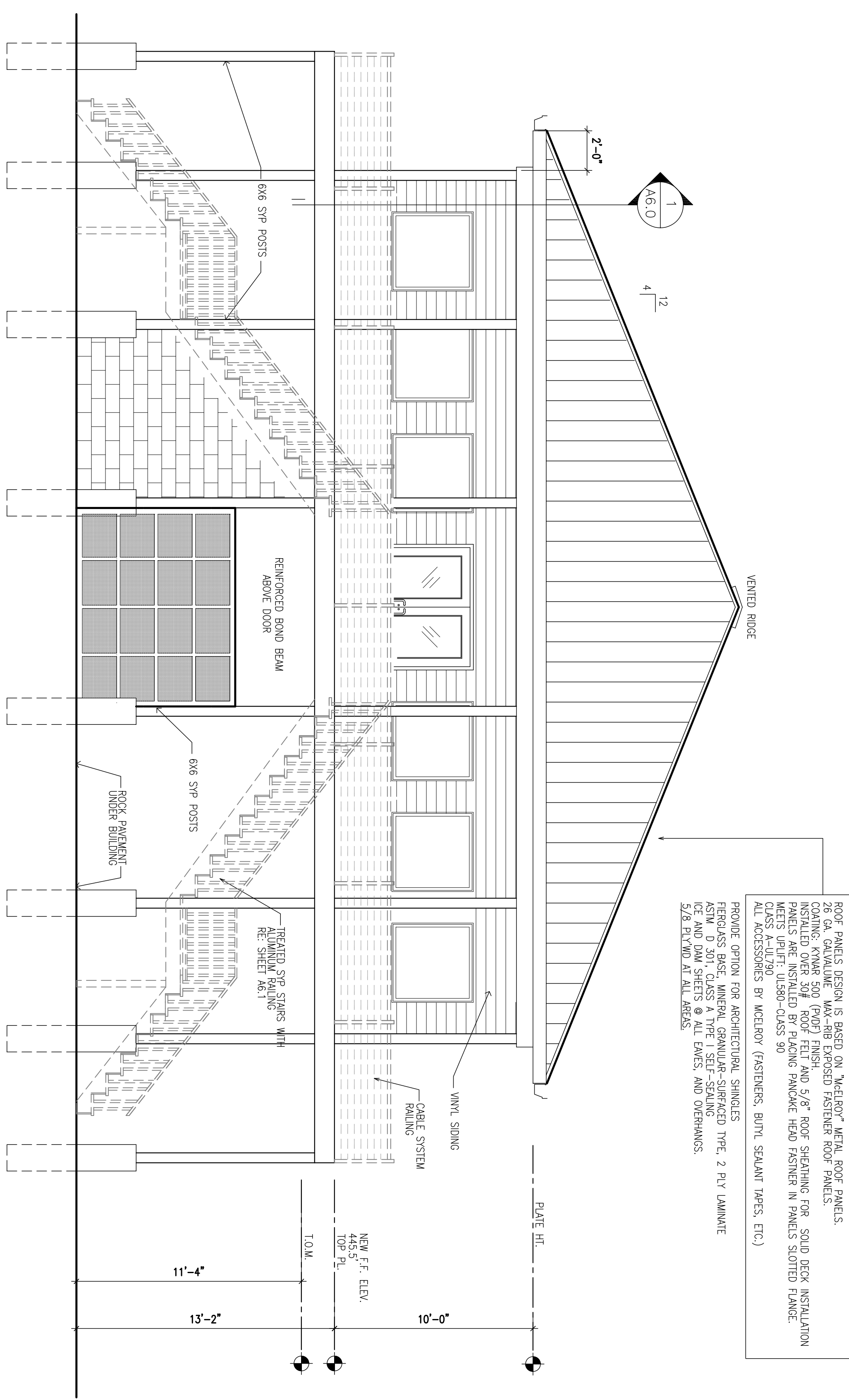
A4.0



3 ROOF PLAN
1/16" = 1'-0"

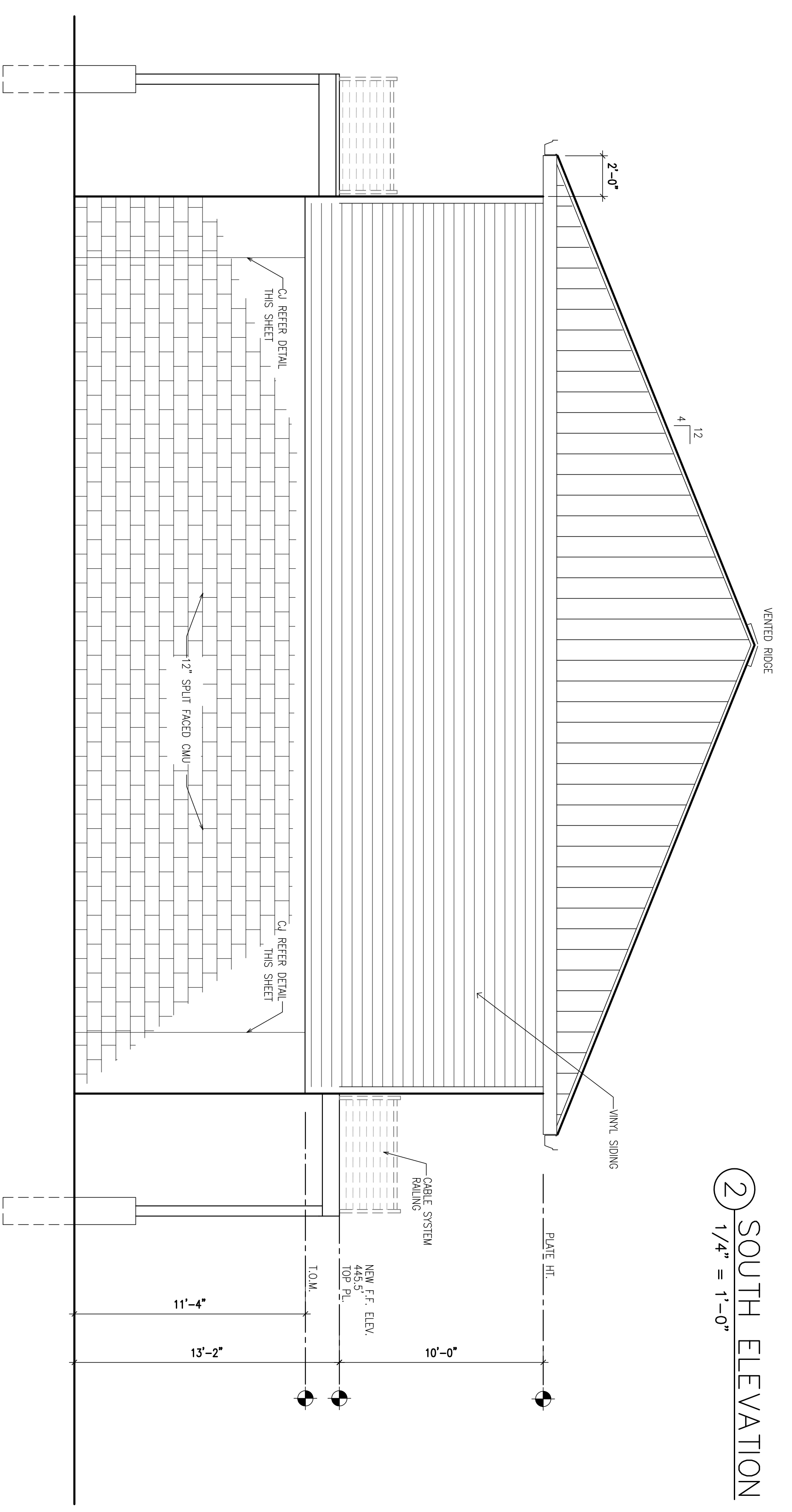


4 THRU WALL CJ DETAIL
1 1/2" = 1'-0"



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

ROOF PANELS DESIGN IS BASED ON "HARBOR" METAL ROOF PANELS. COATING: KYNAR 500 (P02) FINISH. INSTALLED OVER 3/8" ROOF FELT AND 5/8" ROOF SHEATHING FOR SOLID DECK INSTALLATION. PANELS ARE INSTALLED BY USING PANCKE HEAD FASTENERS IN PANELS SPACED 16" ON CENTER. CLASS A-UL-790 ALL ACCESSORIES BY MCCLEROY (FASTENERS, BUTYL SEALANT TAPE, ETC.) PROVIDE OPTION FOR ARCHITECTURAL SHINGLES. FERRUGLASS BASE: MINERAL GRANULAR-SURFERGED TYPE, 2 PLY LAMINATE ASTM D 301, CLASS A TYPE I SELF-SEALING ICE AND DAM SHEETS @ ALL EAVES, AND OVERHANGS. 5/8" PLATE AT ALL AREAS.



1 NORTH ELEVATION
1 1/4" = 1'-0"

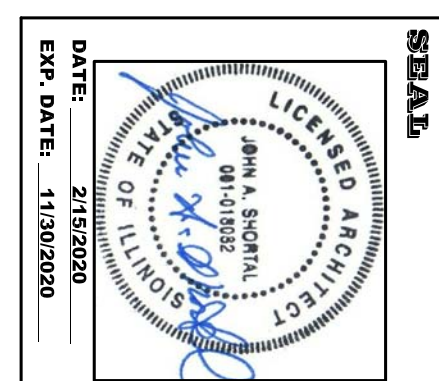
FOR PERMIT 2.15.20

A4.1

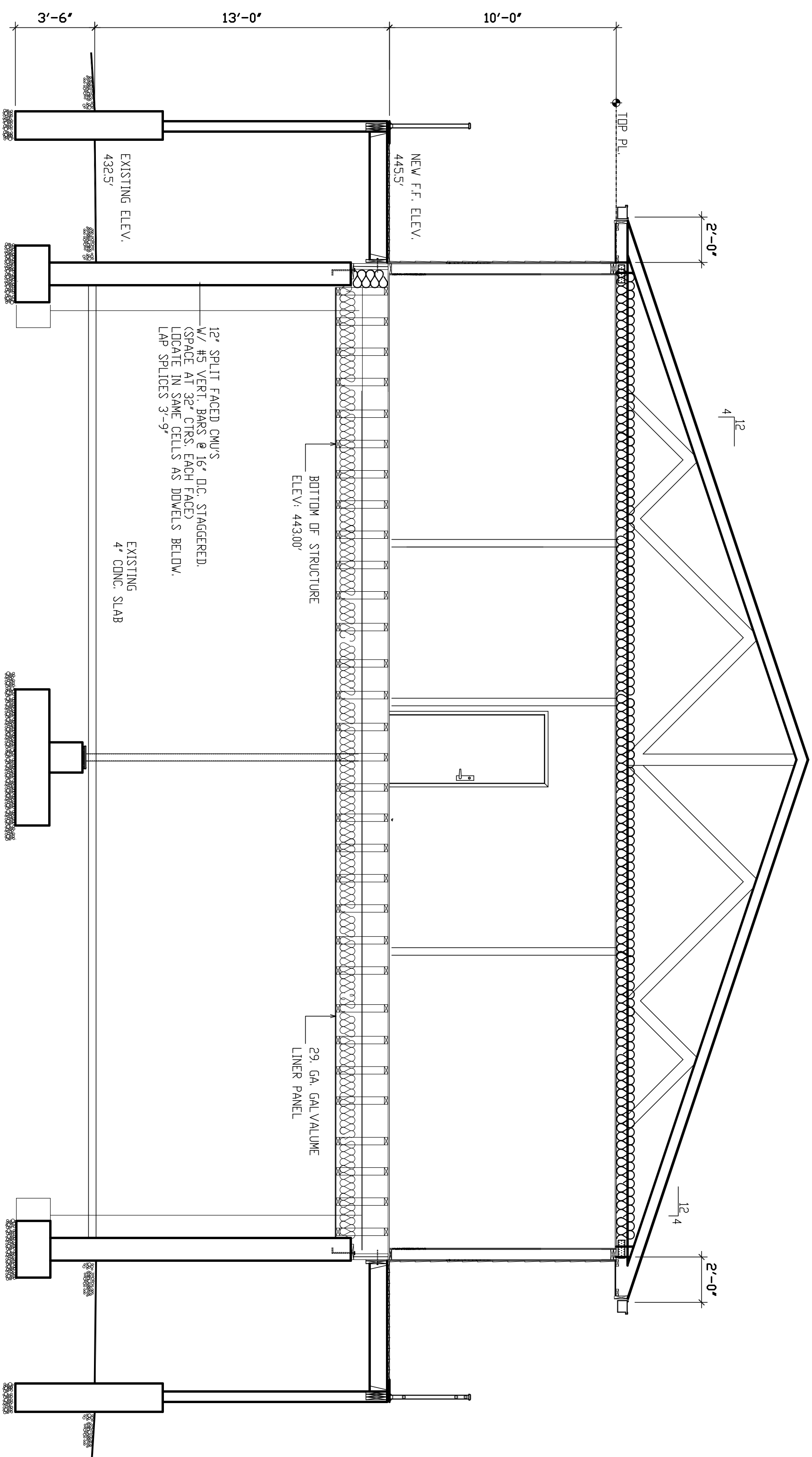
EXTERIOR ELEVATIONS

SHEET TITLE
DRAWN BY: JMS
PROJ. NO.: 198018
ISSUED: REVISION
DATE: 2/19/2020
REVISION: 4/6/2020

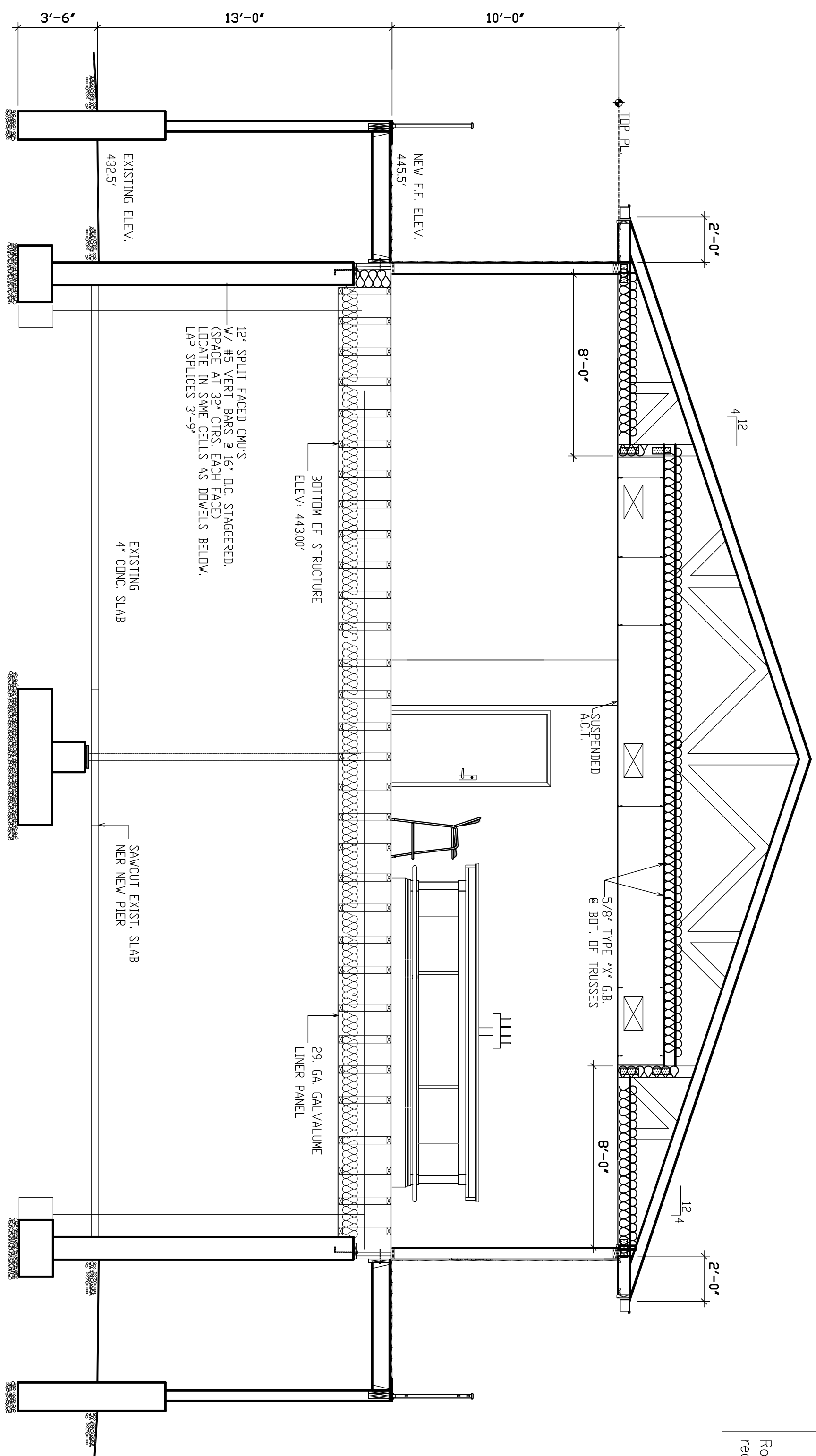
ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE
11134 HARBOR DELL RD. GODFREY, IL



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2 BUILDING SECTION OFFICE/KITCHEN
1/4" = 1'-0"



1 BUILDING SECTION THRU BAR
1/4" = 1'-0"

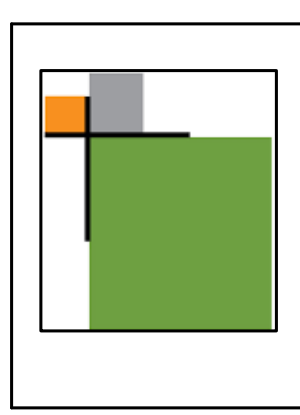
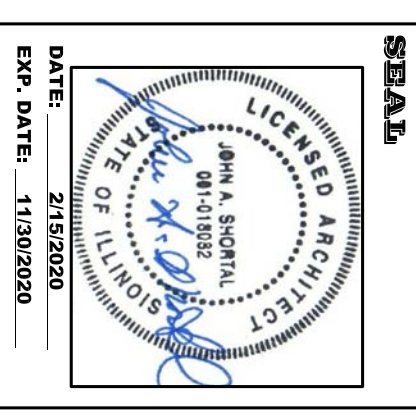
All roofing shall comply with Appendix C of the IBC Code.
Provide bridging of joists & trusses as required by the IBC Code.
Minimum Header Schedule - Load Bearing Conditions:
3'-0" to 4'-0" (2)2x8
4'-0" to 6'-0" (2)2x10
6'-0" to 10'-0" (2)2x12
Roof trusses shall be 2015 IBC approved trusses, style as indicated & required - Design By Others.

FOR PERMIT 2.15.20

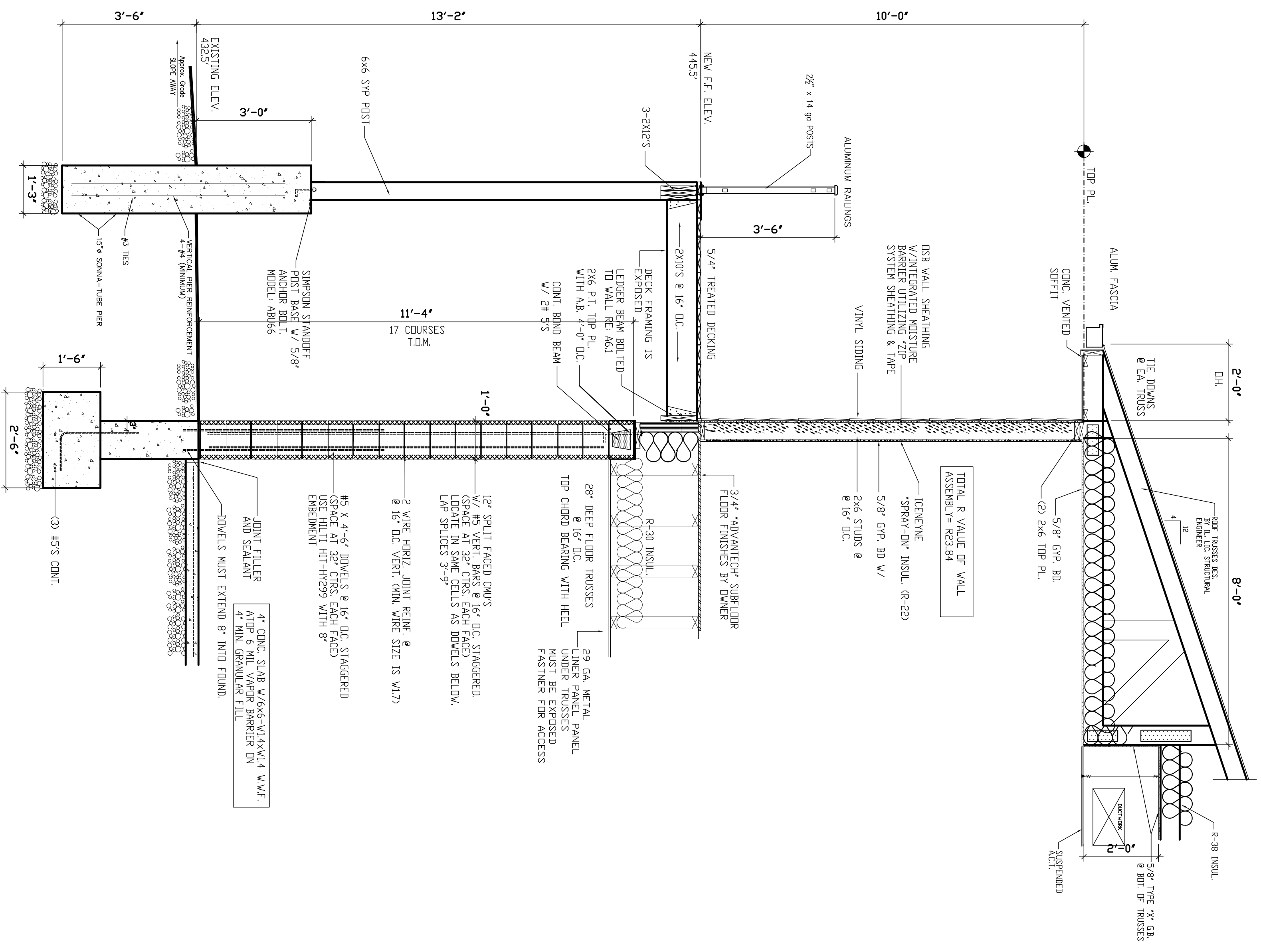
A5.0

DATE	2/15/2020
REVISION	REVISION 4/6/2020
ISSUED	REVISION
PROJ. NO.	190018
DRAWN BY	JAS
SHEET TITLE	BUILDING SECTIONS

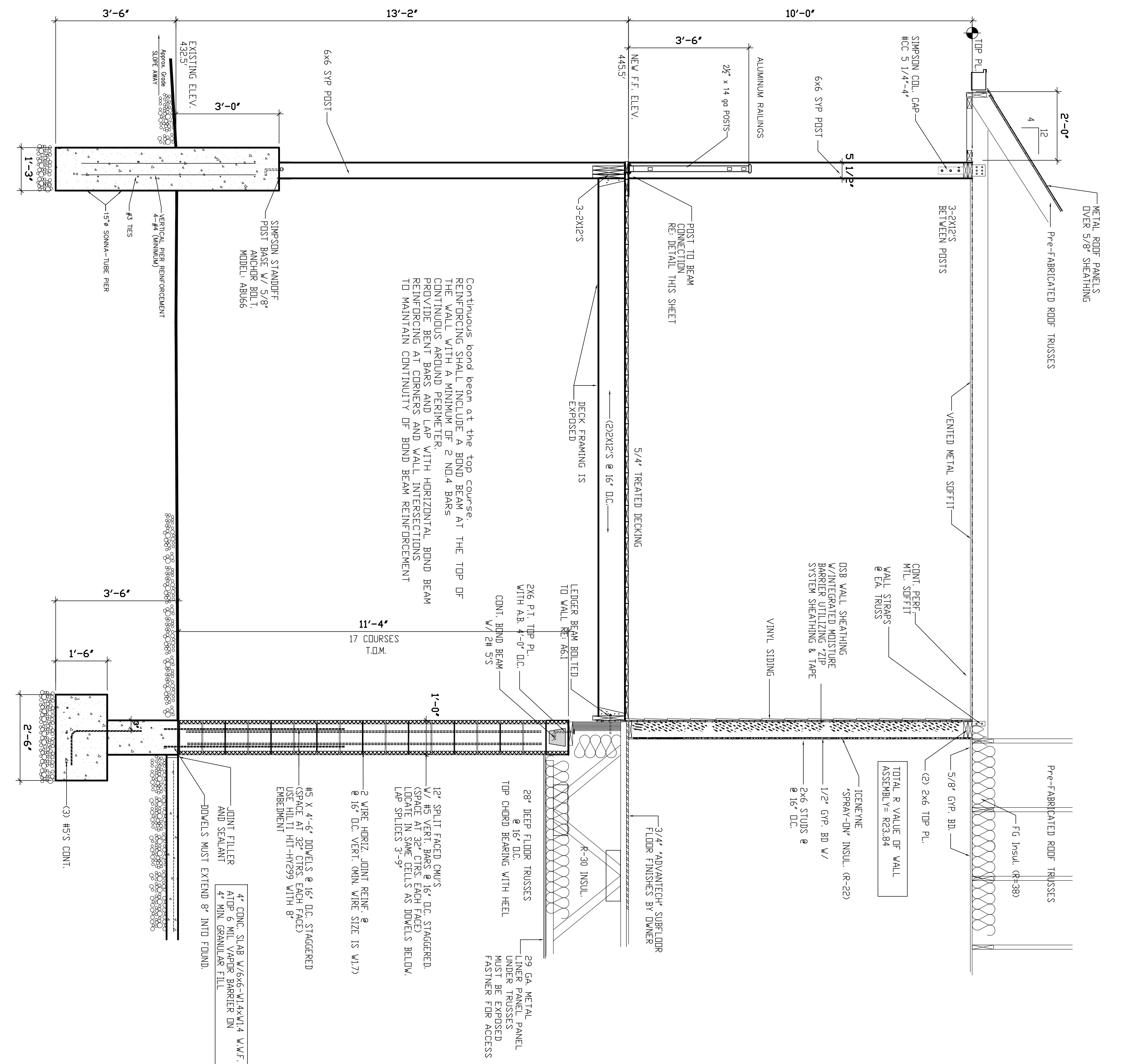
**ALTON MOTORBOAT CLUB
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11134 HARBOR DELL RD. GODFREY, IL



**JOHN A. SHORTAL,
ARCHITECT, LTD.**
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2 WALL SECTION @ EAST/WEST SIDES
3/4" = 1'-0"



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

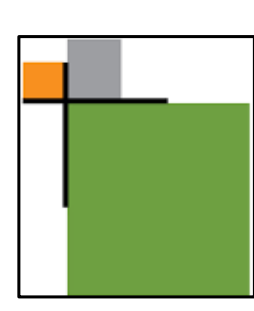
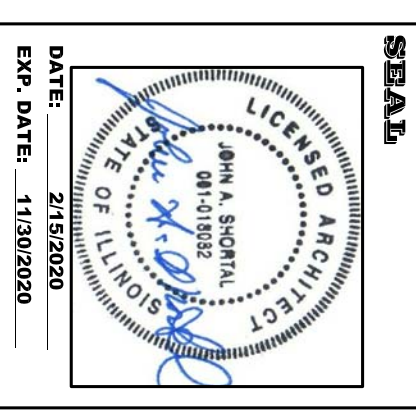
FOR PERMIT 2.15.20

A6.0

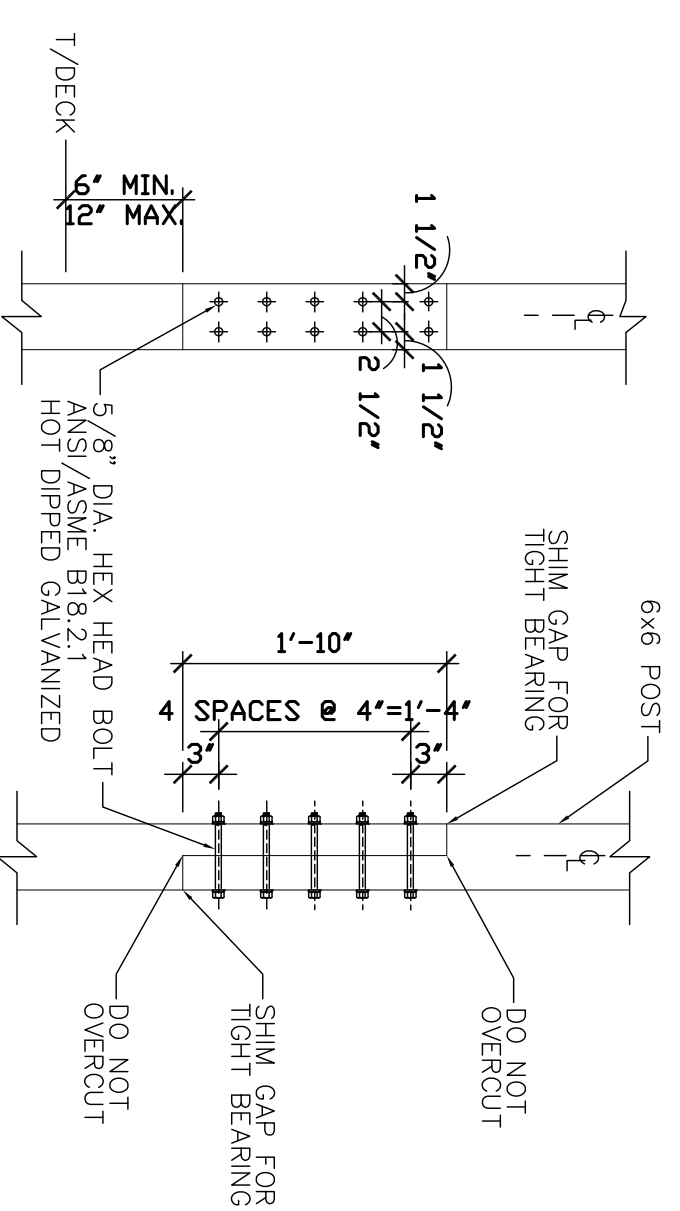
WALL SECTIONS

DATE	2/19/2020
REVISION	REVISION 4/6/2020
OWNER	ALTON MOTORBOAT CLUB
PROJ. NO.	190018
DRAWN BY	JAS

**ALTON MOTORBOAT CLUB
PROPOSED CLUBHOUSE**
11134 HARBOR DELL RD. GODFREY, IL

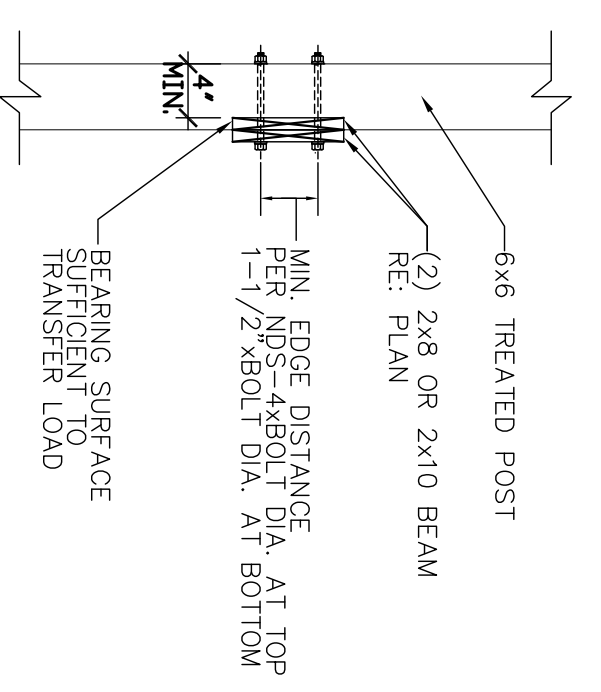


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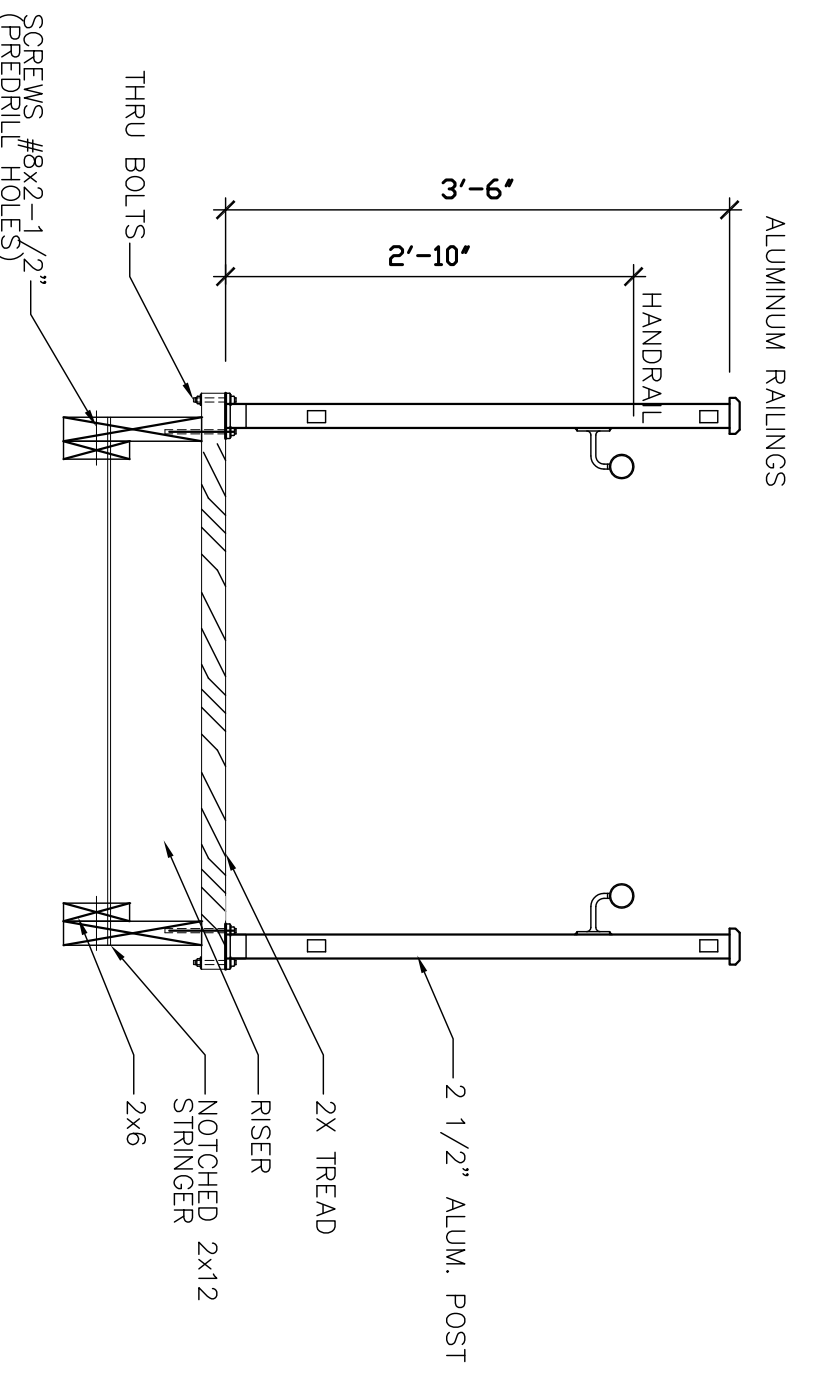


NOTE: DO NOT LOCATE SPLICE AT BEAM TO COLUMN CONNECTION

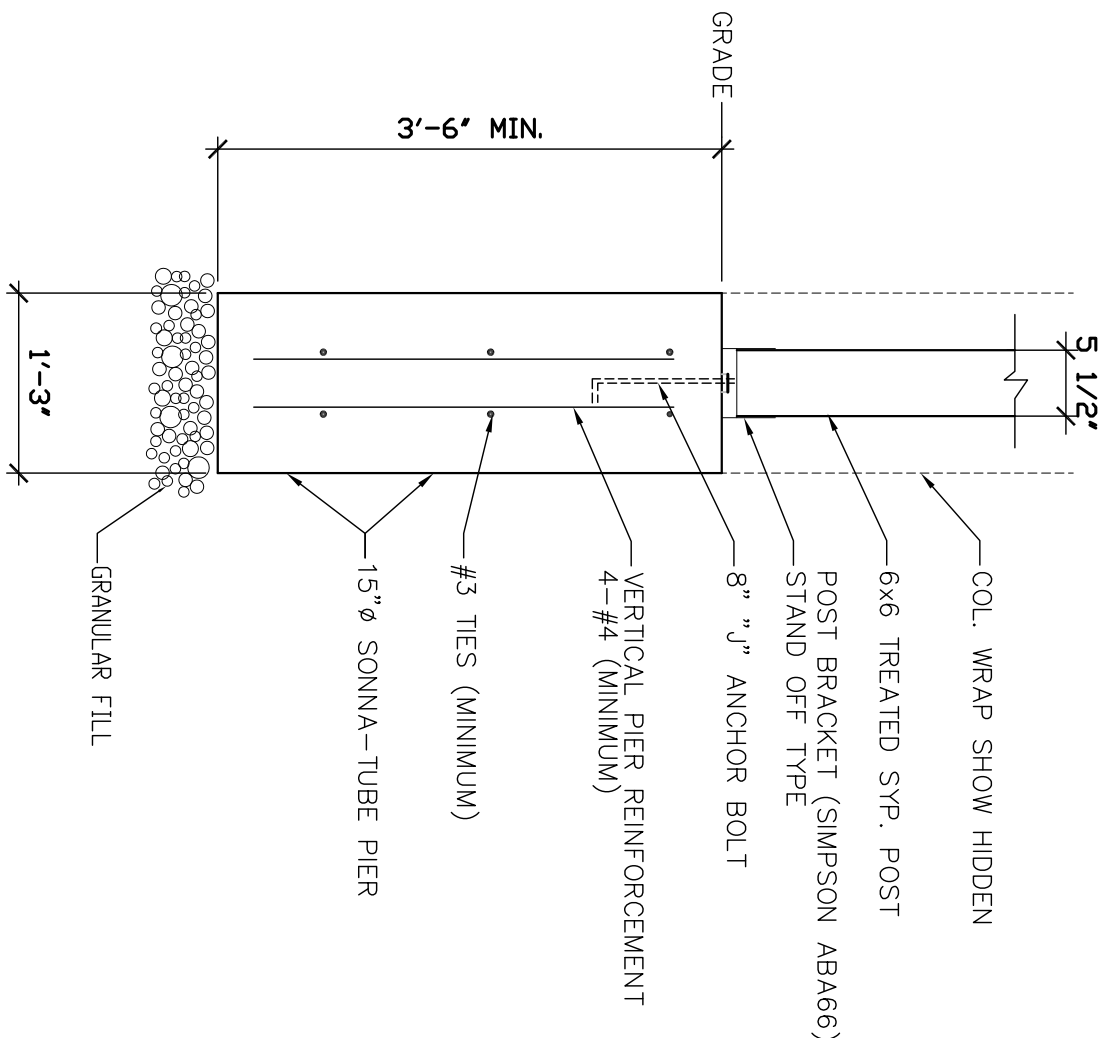
1 HALF LAP POST SPLICE
3/4"=1'-0"



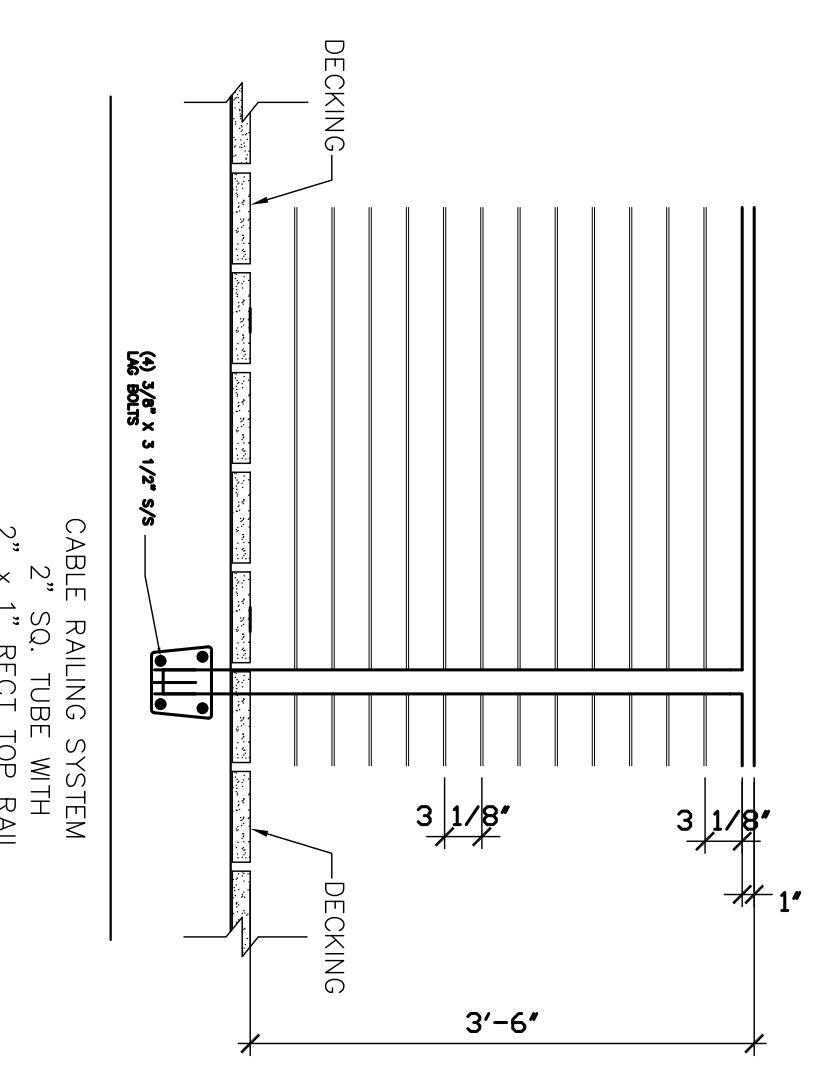
2 EDGE BEAM TO POST CONNECTION
3/4"=1'-0"



4 STAIR TRANSVERSE
3/4"=1'-0"



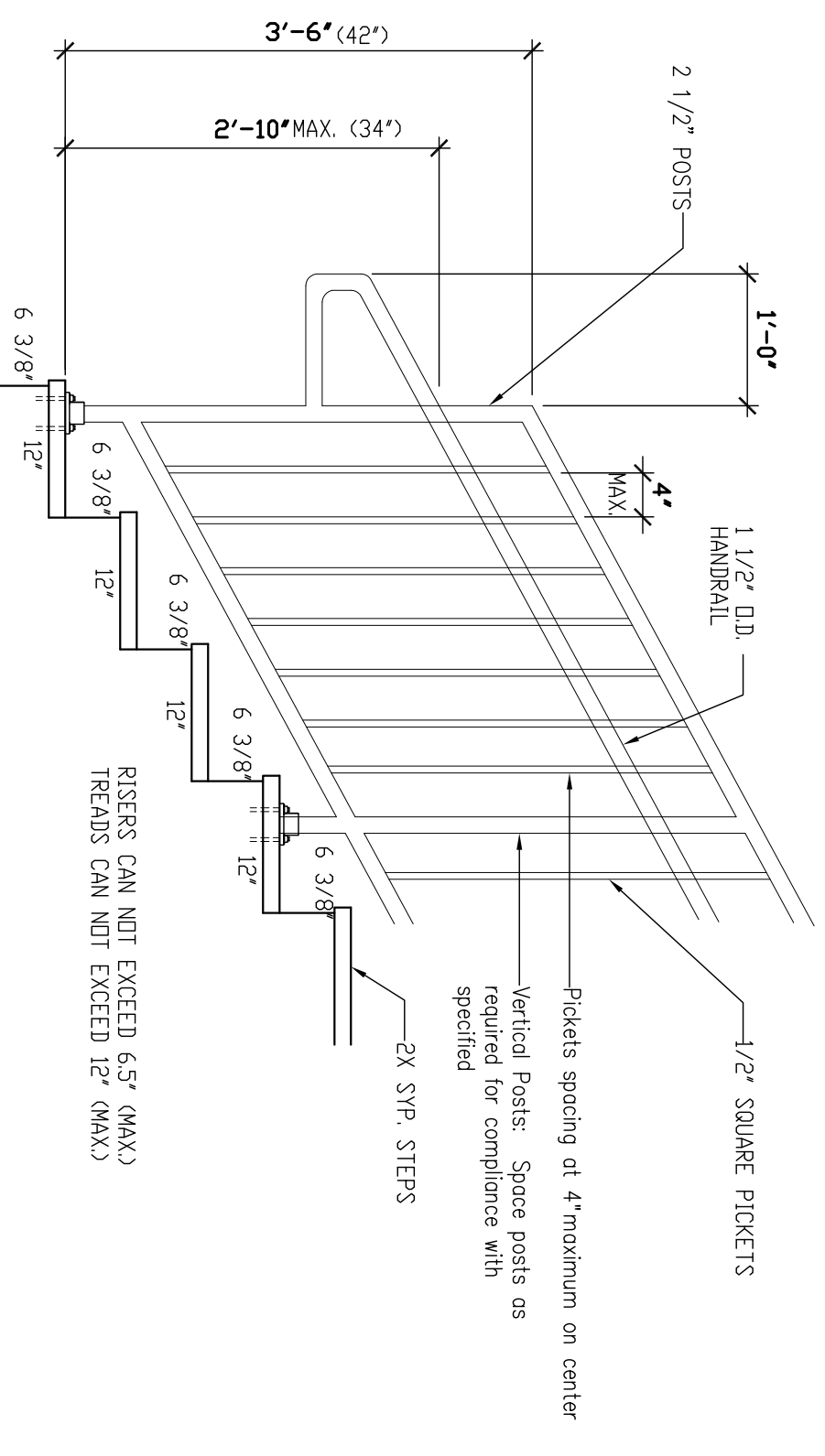
5 POST/FOUNDATION DETAIL @ RAMP
3/4"=1'-0"



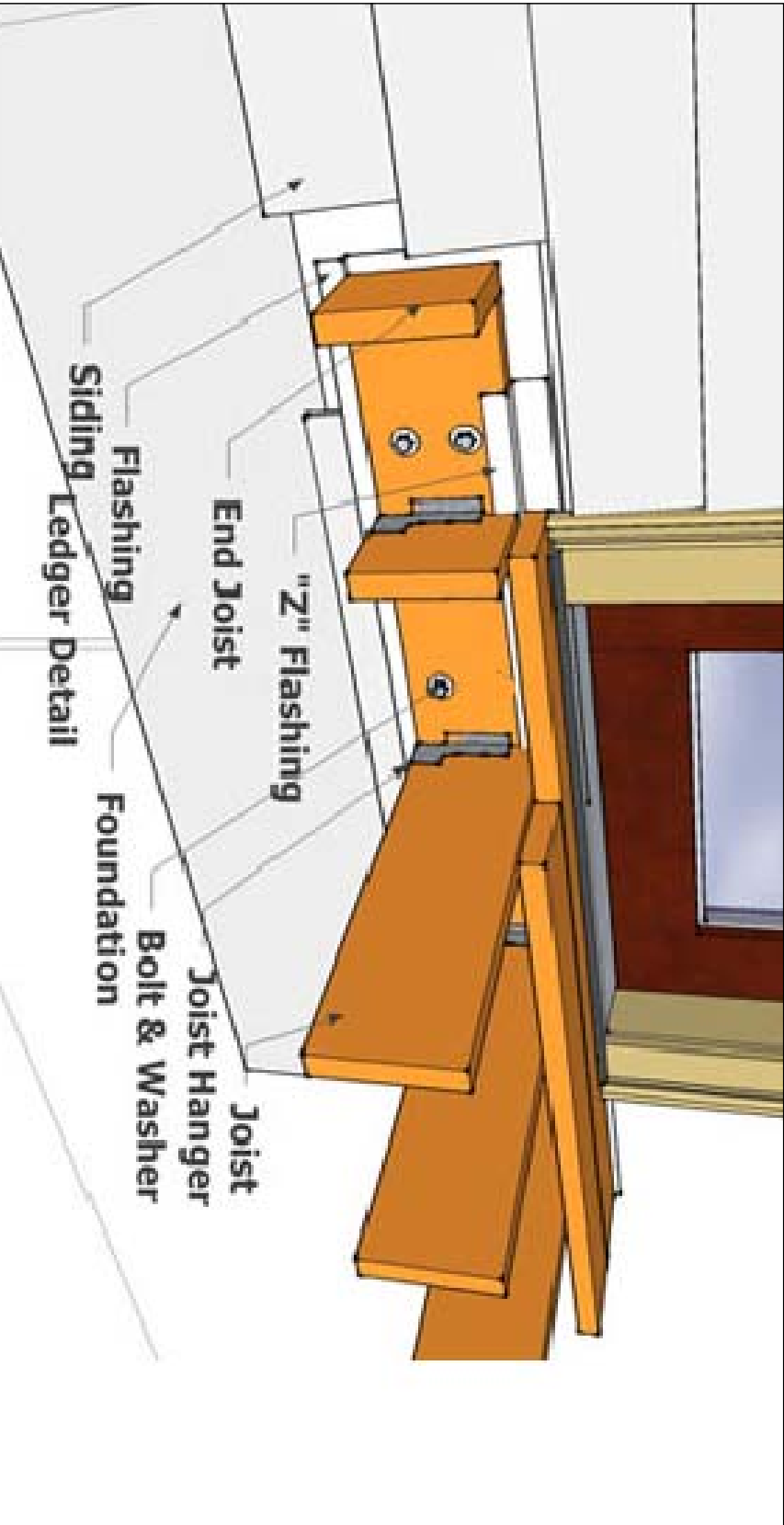
7 RAILING DETAIL
3/4"=1'-0"

ALUMINUM RAILINGS: "WESTBURY" ALUMINUM RAILING.
MODEL: C20 MONTEGO.
HEIGHT: (42 INCHES)
LENGTH: (3 FEET) (4 FEET) (5 FEET) (6 FEET) (7 FEET) (8 FEET).
SPECIFY 2-1/2-INCH BY 2-1/2-INCH BY 0.125 "POWER POST"-POSTS FOR IBC COMPLIANCE.
SPECIFY 2-1/2 INCH BY 2-1/2 INCHES: "POWER POST".
MATERIAL: 6063-T6 ALUMINUM.
SPECIFY RAILING POST AND STAIR POST HEIGHTS THROUGHOUT.
THROUGHOUT RAILING POSTS: 2-1/2 INCHES BY 2-1/2 INCHES BY (47 INCHES).
STAIR POSTS: 2-1/2 INCHES BY 2-1/2 INCHES BY (47 INCHES).
WALL THICKNESS: 0.125 INCH.
WELDED PLATE ADJUSTABLE LEVELING SYSTEM.
FLAIR: 2-PIECE ZINC DIE-CAST ALLOY.
THROUGH RAILING POSTS: 4 INCHES BY 4 INCHES BY (37 INCHES).
SQUARE SPINDLES:
TYPE: BELLY
MATERIAL: 6063-T52 ALUMINUM.
SIZE: SQUARE: 3/4 INCH BY 3/4 INCH.
WALL THICKNESS: 0.053 INCH.
SPACING: 3.875 INCHES.
INSTALLS INTO TOP AND BOTTOM RAILS WITHOUT SCREWS.
TOP RAILS:
SPECIFY TYPE OF TOP RAILS. THE TOP AND BOTTOM RAILS MUST BE THE SAME TYPE.
TYPE: (STRAIGHT)
MATERIAL: 6005-T6 ALUMINUM.
WIDTH: 1-3/4 INCHES, 0.090-INCH WALL THICKNESS.
THICKNESS: 1-3/8 INCHES, 0.085-INCH WALL THICKNESS.

6 RAILING SPEC.
3/4"=1'-0"



3 STAIR DETAIL
3/4"=1'-0"



3 LEDGER BEAM TO RIM JOIST
3/4"=1'-0"

MAXIMUM LEDGER BOARD FASTENER SPACING

Joist Span	Lag Screws	Ledgerlok	Thru-bolts, Expansion Anchors, Epoxy Anchors
0 - 6'-0"	30"	16"	36"
6'-1" - 8'-0"	23"	12"	36"
8'-1" - 10'-0"	18"	10"	34"
10'-1" - 12'-0"	15"	8"	29"
12'-1" - 14'-0"	13"	7"	24"
14'-1" - 16'-0"	11"	6"	21"
16'-1" - 18'-0"	10"	5"	19"

