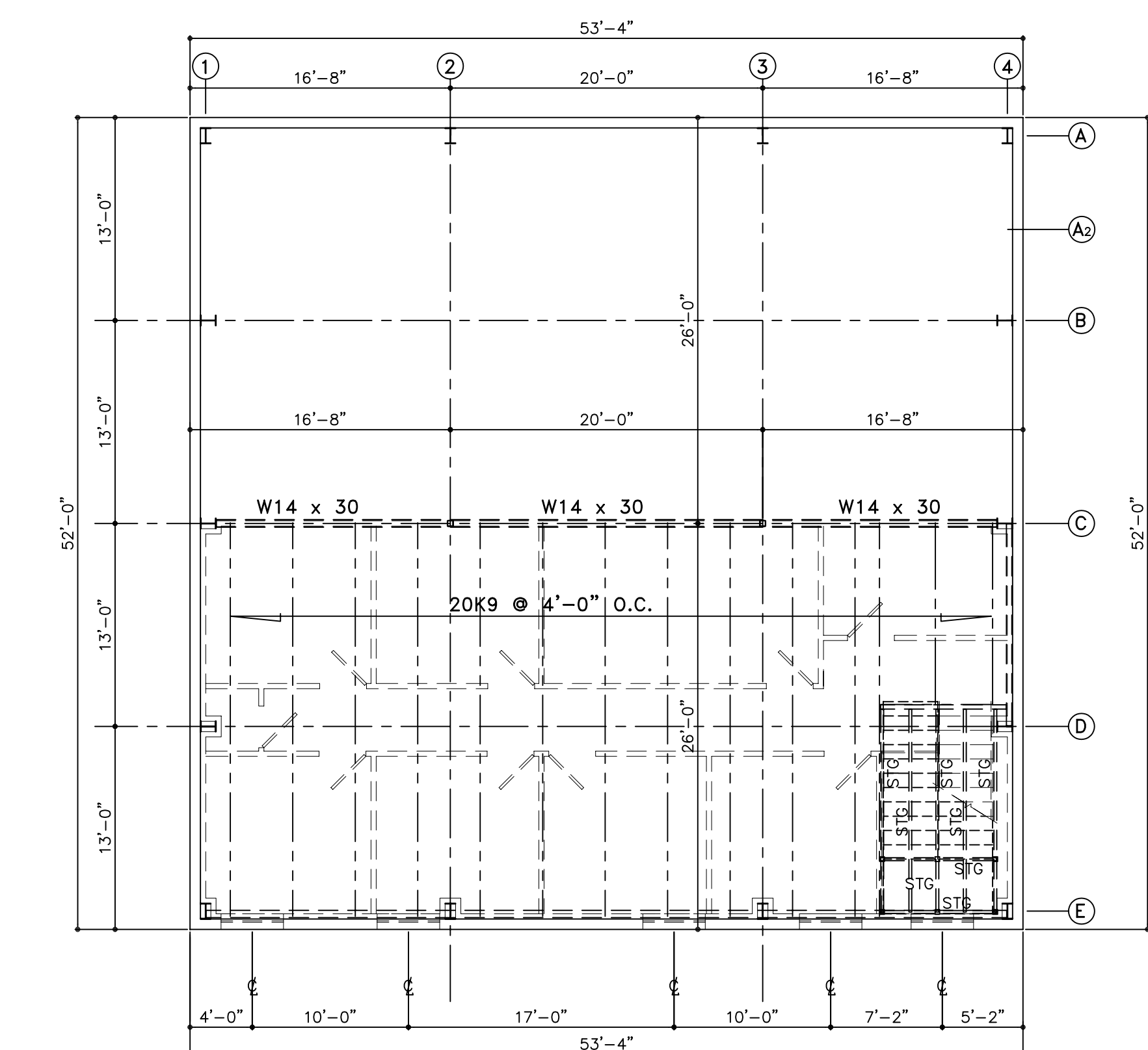


FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

MARK	SIZE	REINF.	TYPE	REMARKS
F1	4" SLAB	W1.4 X W1.4 WWF OR FIBERCRETE	CONC. SLAB	ON WELL COMPACTED FILL W/ 6 MIL VISQUEEN
F2	16"D X 16"W	2 #5 CONT.	MONOLITHIC	
F3	12"D X 12"W	2 #5 CONT.	DROPPED FOOTING	
F4	3'-6" X 3'-6" X 24" D	3 #5 E.W. @ 15" O.C. (2 LAYER2)	PAD	
F5	4'-2" X 4'-2" X 24" D	3 #5 E.W. @ 15" O.C. (2 LAYERS)	PAD	
F6	4'-10" X 4'-10" X 28" D	4 #5 E.W. @ 14" O.C. (2 LAYERS)	PAD	
F7	6'-2" X 6'-2" X 36" D	7 #5 E.W. @ 11" O.C. (2 LAYERS)	PAD	
F8	5'-2" X 5'-2" X 30" D	5 #5 E.W. @ 13" O.C. (2 LAYERS)	PAD	
F9	3'-8" X 3'-8" X 18" D	2 #5 E.W. @ 17" O.C. (2 LAYER2)	PAD	
F10	2'-6" X 2'-6" X 24"D	3 #5 E.W. (1 LAYER)	PAD	
F11	24" X 24" X 10"D	2 #5 E.W.	DROPPED FOOTING	
F12	6" SLAB	W2.1 X W2.1 WWF OR FIBERCRETE	CONC. SLAB	ON WELL COMPACTED FILL W/ 6 MIL VISQUEEN
F13	8"D X 8"W	1 #5 CONT.	DROPPED FOOTING	
F14	10"D X 16"W	2 #5 CONT.	MONO FOOTING	

NOTE: BOTTOM OF ALL FOOTINGS TO BE MINIMUM 12" BELOW FINISHED GRADE

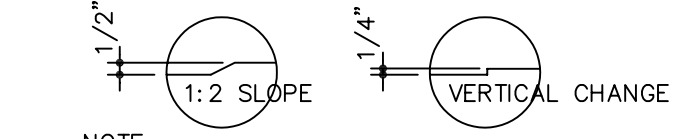


2nd FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

SOIL BORINGS HAVE NOT BEEN MADE. FOOTINGS HAVE BEEN DESIGNED TO A BEARING CAPACITY OF 2000 PSF. IF CONDITIONS OTHER THAN THOSE TO WHICH THE FOOTINGS HAVE BEEN DESIGNED ARE FOUND, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY INFORM THE ARCHITECT, PRIOR TO PROCEEDING WITH WORK.

DURING BIDDING & CONSTRUCTION IF ANY QUESTIONS ARISE, BIDDERS/CONTRACTORS SHALL IMMEDIATELY CONTACT THE ARCHITECT OR ENGINEER FOR INTERPRETATIONS OR CLARIFICATIONS OF THE INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS SHALL COMPLY WITH ALL REQUIREMENTS AND LOCAL, STATE AND FEDERAL CODES AND/OR REGULATION GOVERNING THE CONSTRUCTION OF THE PROJECT.

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRESAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH FS, CHAPTER 553 AND CHAPTER 633.



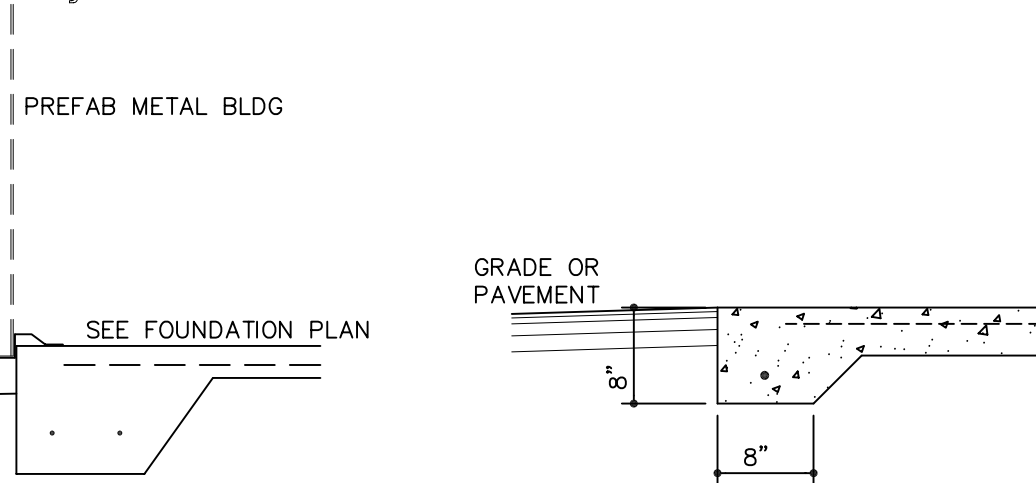
NOTE: SLOPED CHANGE MAY BE ACCOMPLISHED BY EITHER SLOPING CONCRETE OR BY PROVIDING A SLOPED THRESHOLD

TYPICAL FLOOR CHANGE IN LEVEL
SCALE: 1 1/2" = 1'-0" (PER 11-4.5.2 - FLORIDA ADA)

USE THE FOLLOWING ANCHOR BOLT SCHEDULE IN THE EVENT THAT A SCHEDULE IS NOT PROVIDED BY THE PREFAB BUILDING PLANS AND MFG

BOLT EMBEDMENT SCHEDULE		ANCHOR BOLT SCHEDULE (SMOOTH BARS)		ANCHOR BOLT SCHEDULE (DEFORMED BARS or FULL THREAD BARS)	
BOLT DIA.	MAXIMUM TENSION/BOLT	BOLT DIA.	MAXIMUM TENSION/BOLT	BOLT DIA.	MAXIMUM TENSION/BOLT
5/8"	7400 LB	3/4"	10500 LB	5/8"	7400 LB
3/4"	14500 LB	7/8"	19000 LB	3/4"	10500 LB
1"	30500 LB	1"	35000 LB	7/8"	14500 LB
1 1/4"	42000 LB	1 1/2"	52500 LB	1"	19000 LB
1 1/2"	52500 LB	1 3/4"	52500 LB	1 1/4"	35000 LB
				1 1/2"	42000 LB
				1 3/4"	52500 LB

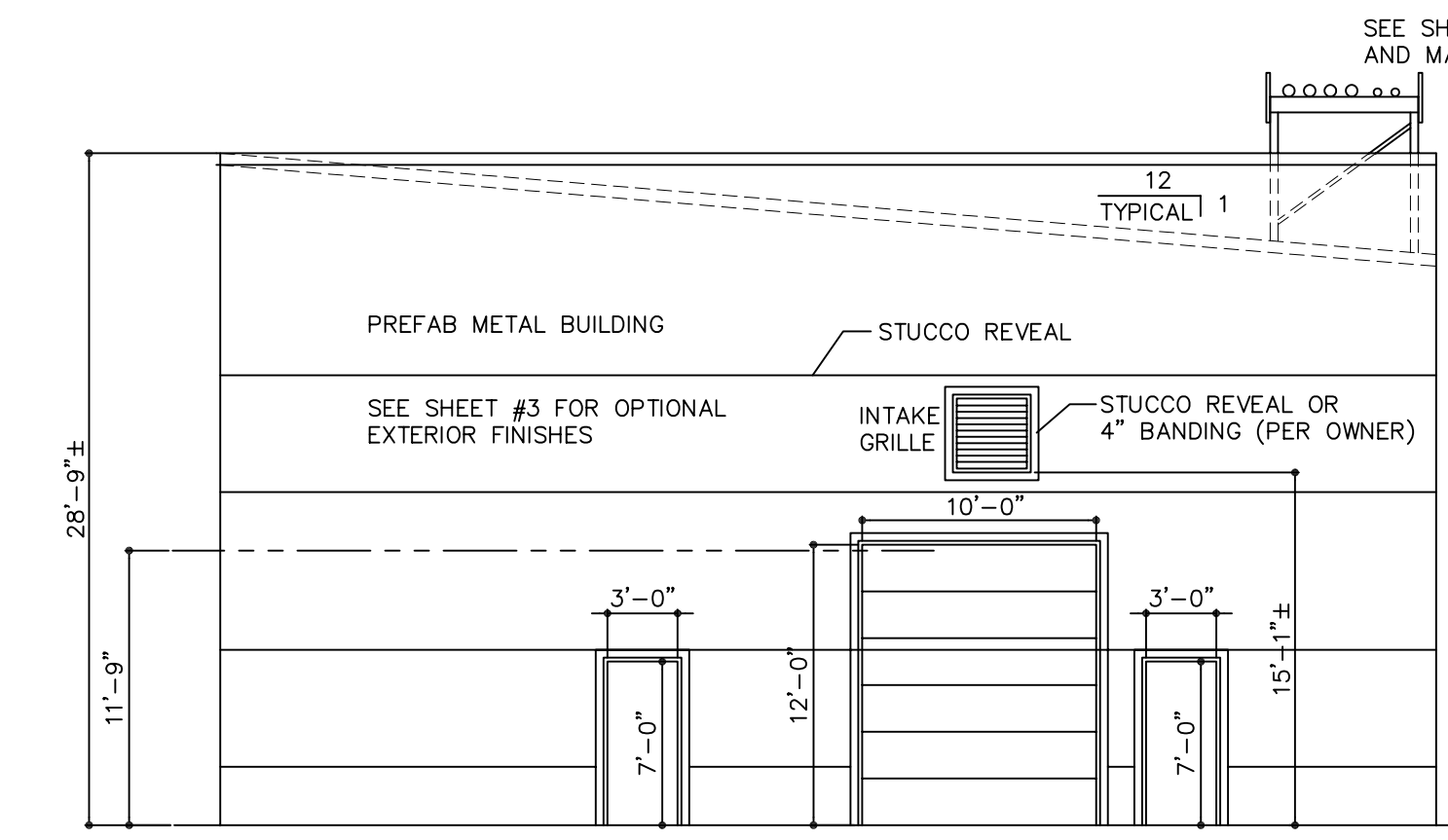
NOTIFY ENGINEER IF INDIVIDUAL BOLT TENSION EXCEEDS MAXIMUM DESIGN TENSION AS SHOWN



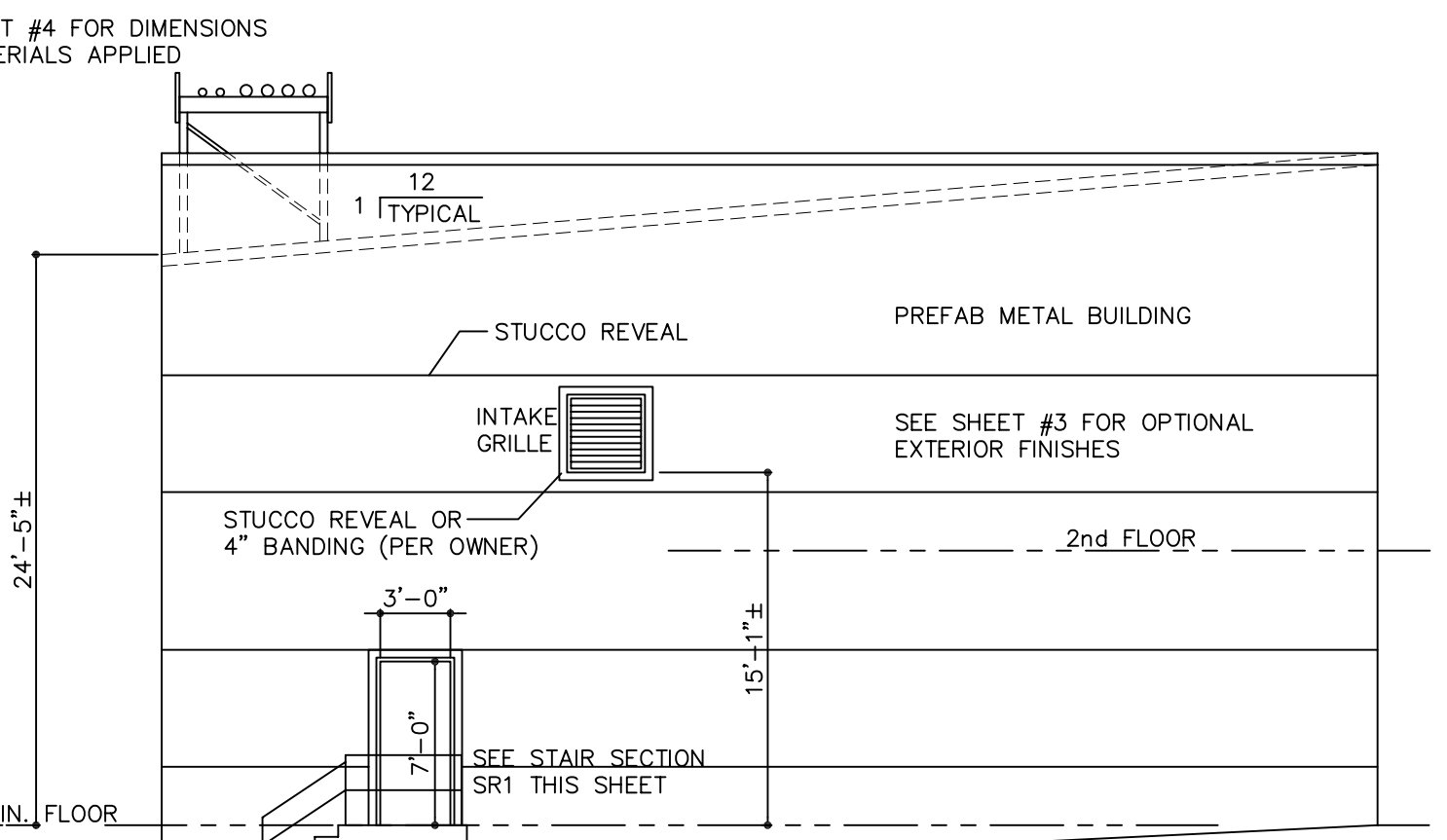
TYPICAL SECTION SCALE: 1/2" = 1'-0"
DROPPED FOOTING SECTION SCALE: 3/4" = 1'-0"

NOTE: CLIPS AND FASTENERS ARE SHOWN AS SIMPSON. USE SIMPSON OR EQUAL.

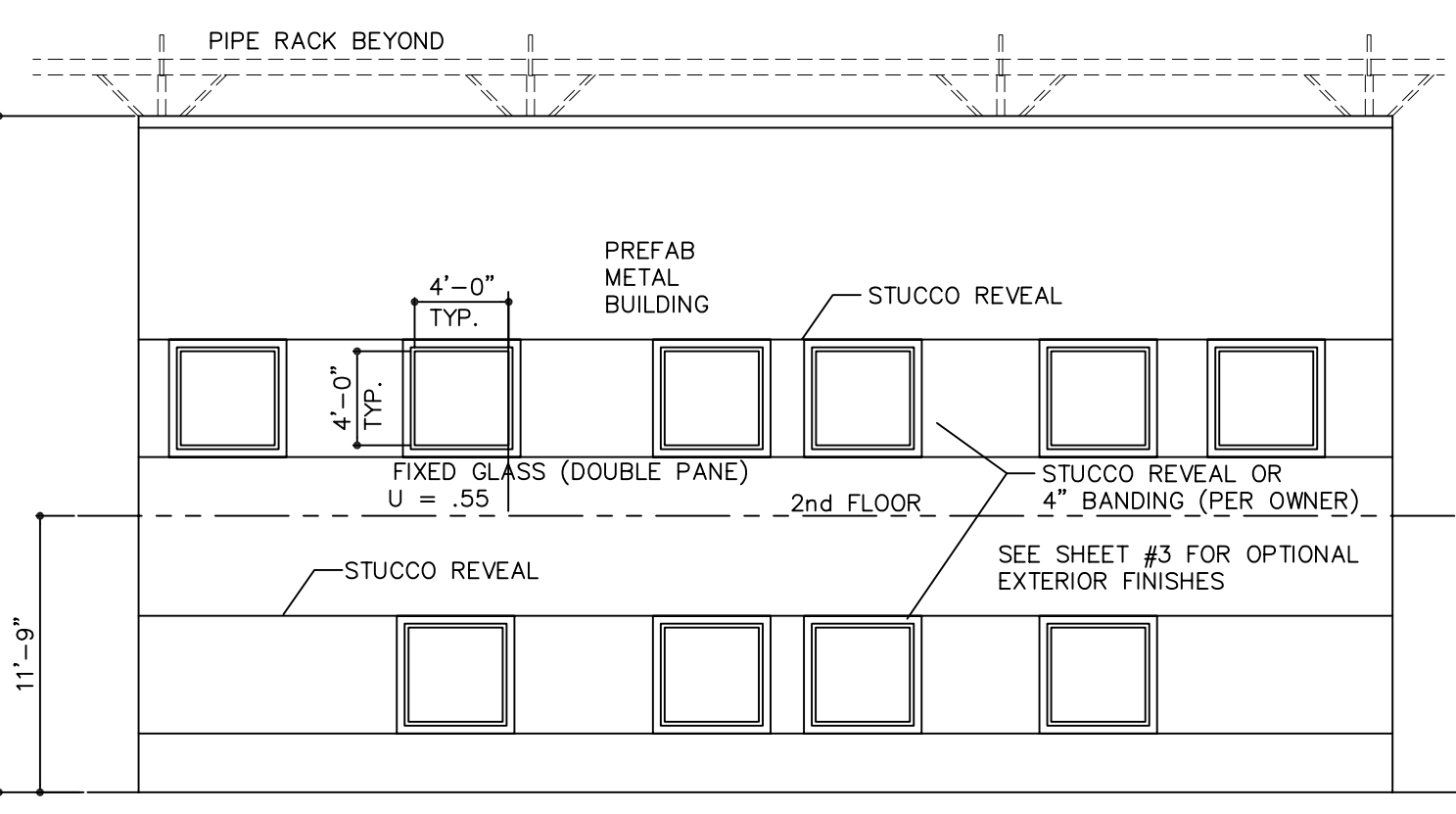
- GENERAL NOTES:**
- ALL WORK SHALL BE IN CONFORMANCE WITH THE FLORIDA BUILDING CODE AND ANY OTHER RULES OR REGULATIONS IN FORCE AT THE PLACE OF THE PROJECT.
 - ALL HORIZONTAL FRAMING LUMBER SHALL BE A MINIMUM HEM FIR #2 (MINIMUM Fb=1100 PSI REPEITIVE).
 - ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED (P.T.).
 - CONCRETE FOR FOUNDATIONS SHALL BE MINIMUM F'c = 3000 PSI, ALL OTHER CONCRETE SHALL BE MINIMUM F'c = 3000 PSI.
 - ALL RE-BAR SHALL BE GRADE 60.
 - ALL DIMENSIONS ARE TO BE VERIFIED AND IF ANY DISCREPANCIES ARE DETECTED IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST AS NECESSARY OR NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY. IF DISCREPANCIES EXCEED MORE THAN 2 INCHES IN ANY DIRECTION, NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.
 - USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE.
 - BUILDING AND TOILET REQUIREMENTS SHALL CONFORM WITH THE AMERICAN DISABILITIES ACT AND THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
 - ALL ELECTRICAL LOADS SHALL BE VERIFIED. INCREASE SERVICE TO ACCOMMODATE APPLICABLE LOADS, IF REQUIRED.
 - ALL ELECTRICAL WORK AND MATERIALS SHALL CONFORM TO THE FBC AND THE NATIONAL ELECTRIC CODE (NEC).
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT ALL WORK AND MATERIALS THAT ARE TO BE PERFORMED AND INSTALLED, SHALL BE IN ACCORDANCE TO THE LATEST ISSUE OF THE LOCAL GOVERNING BUILDING CODE, AND ANY OTHER CODES OR REGULATIONS GOVERNING AT THE TIME OF CONSTRUCTION.
 - CONTRACTOR SHALL SUBMIT SAMPLES OF ALL FLOOR COVERINGS, PAINT AND ANY OTHER MATERIAL SAMPLE OF BUILDING MATERIALS. THE CONTRACTOR SHALL INFORM OWNER OF AVAILABLE MATERIAL AND PRODUCT SAMPLES AVAILABLE PRIOR TO SUBMITTING FINAL BID.
 - VERIFY LOCATION WITH OWNER ALL ELECTRICAL OUTLETS, COMPUTER OUTLETS AND TELEPHONE OUTLETS.
 - ALL CONTRACTORS AND SUBCONTRACTORS SHALL PROVIDE WORKMEN'S COMPENSATION AND INSURANCE POLICIES PRIOR TO COMMENCING WORK.
 - ALL AREAS SHALL BE MAINTAINED CLEANED AT ALL TIMES.
 - THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND PRIOR TO COMMENCING THE REQUIRED WORK. IF ANY QUESTIONS REGARDING THE PLANS, THE SCOPE OF THE WORK OR THE REQUIRED SERVICES, THEN CONTACT THE ARCHITECT IMMEDIATELY FOR INTERPRETATION OF THE WORK OR THE PLANS.
 - CONTRACTOR SHALL CONTACT AN APPROVED EXTERMINATOR ACCEPTABLE BY OWNER AND OBTAIN SOIL TREATMENT AND MATERIAL TREATMENT TO MAINTAIN IN EFFECT EXISTING fumigation WARRANTY AND TO TREAT NEW MATERIAL BROUGHT ON TO THE SITE, AS WELL AS SOIL TREATING NEW CONSTRUCTION AREA.
 - VERIFY WITH OWNER LOCATION OF HOSE BIBBS.



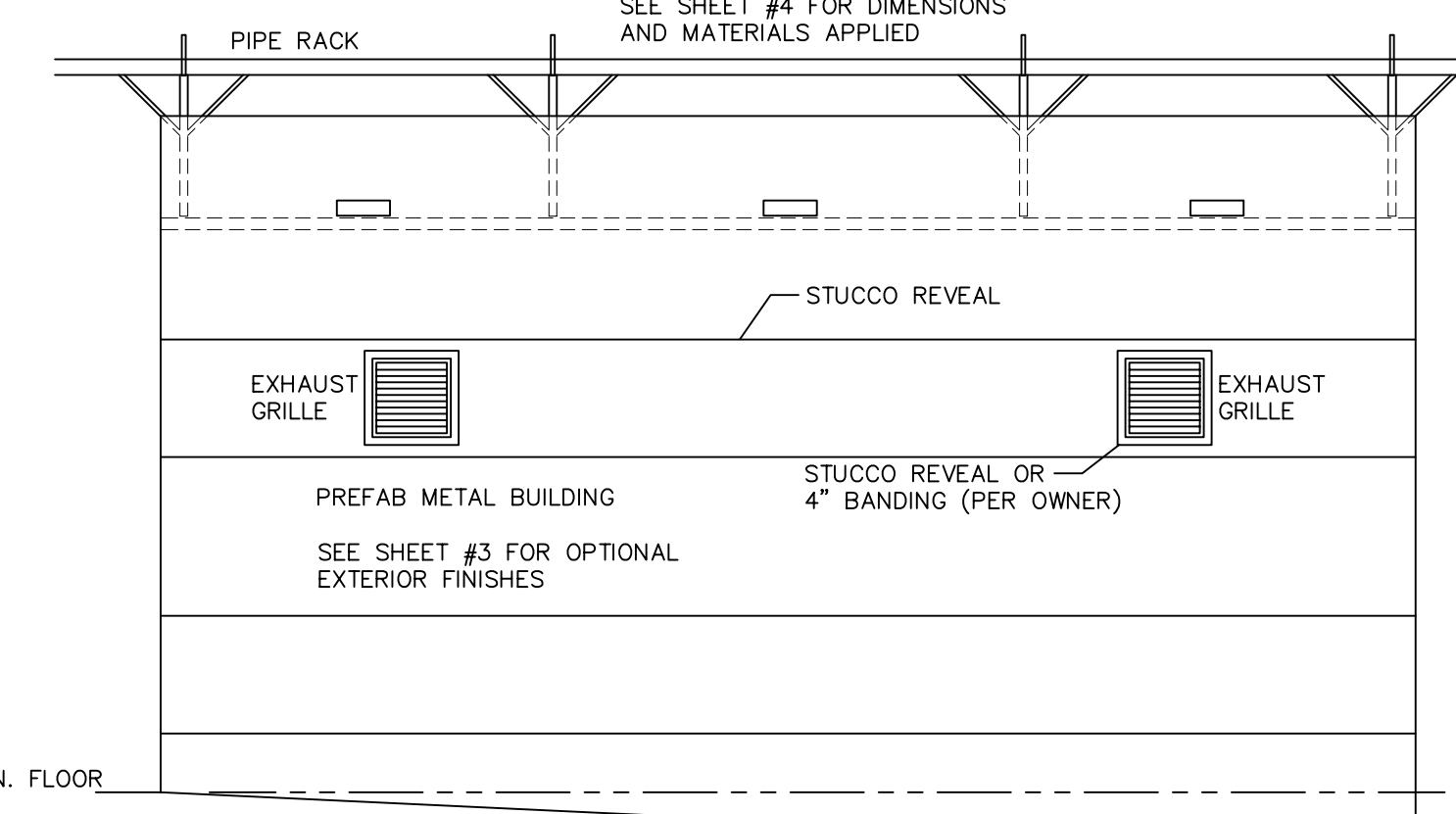
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



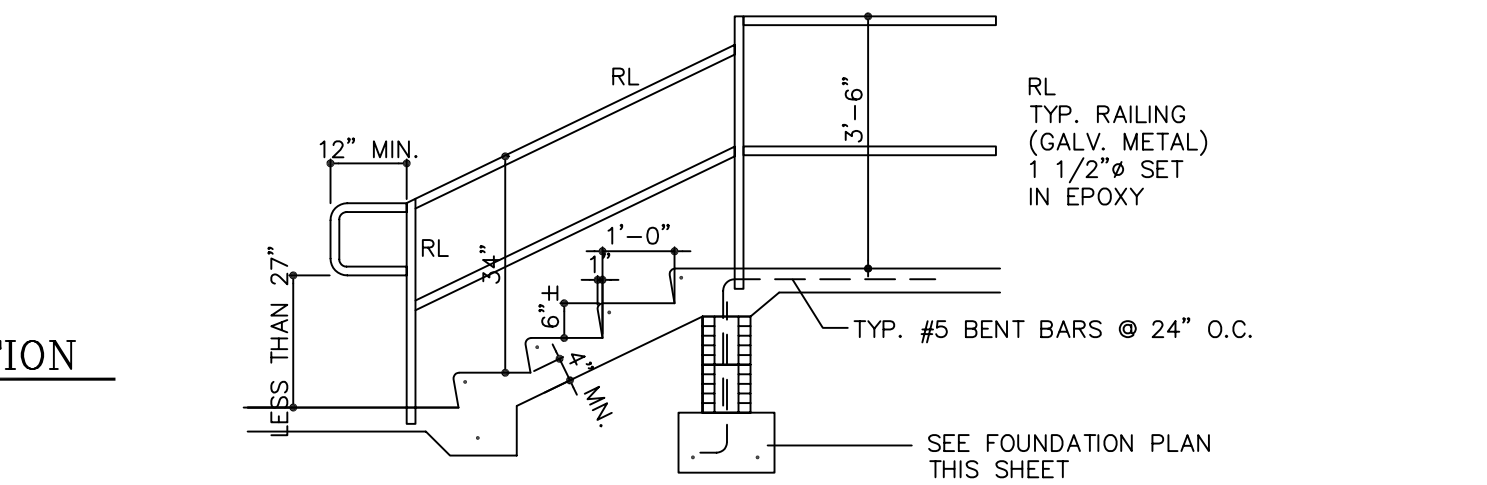
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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

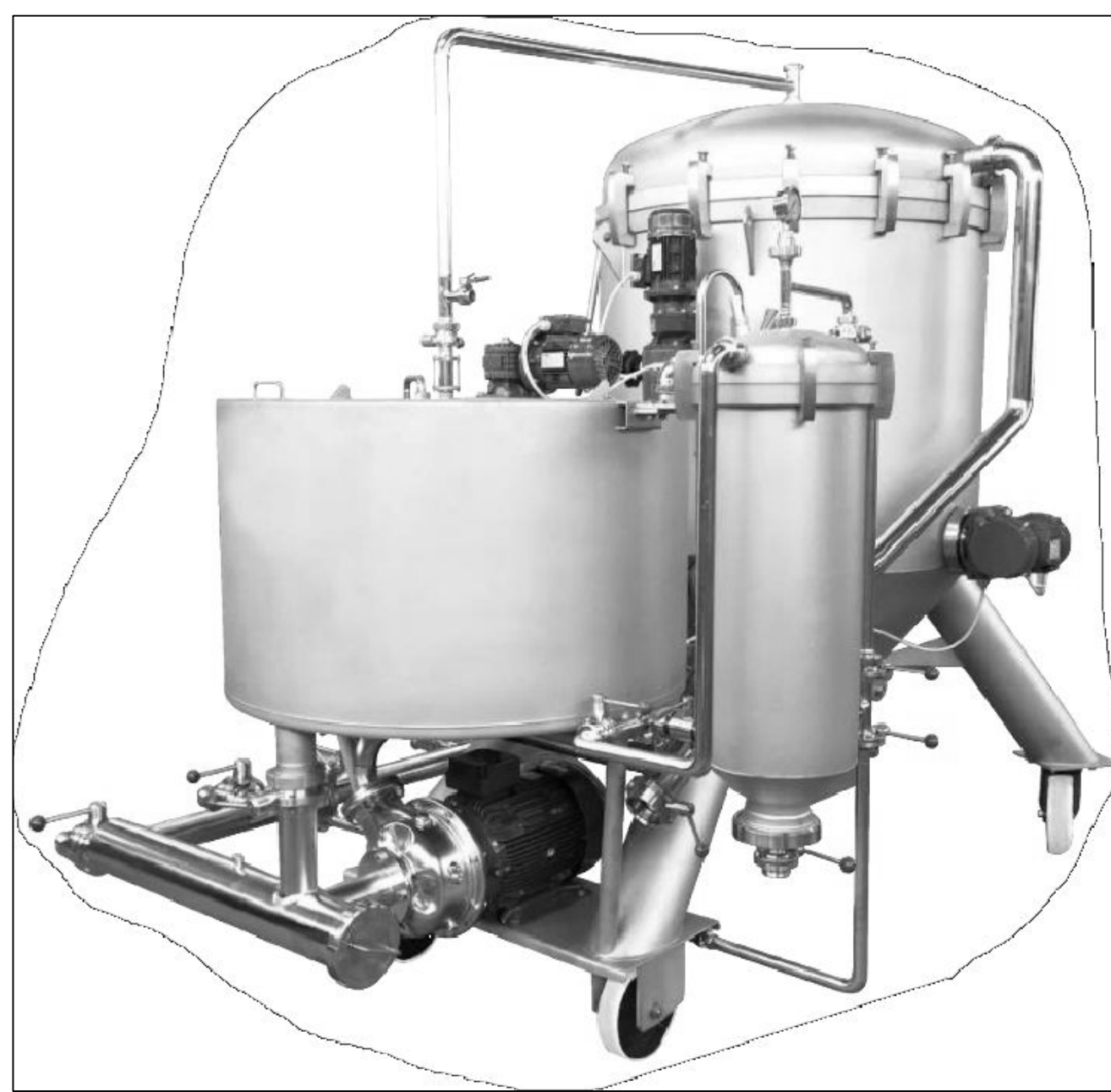


EAST ELEVATION
SCALE: 1/8" = 1'-0"



STAIR SECTION "SR1"
SCALE: 3/8" = 1'-0"

- STRUCTURAL NOTES:**
- ALL CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I.
 - REINFORCING STEEL SHALL BE IN ACCORDANCE WITH A.S.T.M. SPECIFICATION A-615, GRADE 60.
 - CONCRETE COVERAGE UNLESS OTHERWISE NOTED OR SHOWN:
 - A. FOOTINGS-----3" FOR BOTTOM AND SIDES.
 - B. BEAMS-----1 1/2" TO STIRRUPS OR TIES.
 - C. COLUMNS-----1 1/2" TO TIES.
 - D. SLABS (INTERIOR)-----3/4" FOR BOTTOM AND TOP.
 - STRUCTURAL SLABS:
 - 3/4" FROM TENSION SIDE OF CONCRETE
 - SLABS (EXTERIOR)-----1 1/2" FOR BOTTOM AND TOP.
 - REINFORCING STEEL SHALL BE BENT, LAPPED AND SPLICED IN ACCORDANCE WITH A.C.I. STANDARD DETAILS AND SPECIFICATIONS. MINIMUM LAP = 1'-0".
 - ALL CONCRETE SLABS AND BEAMS SHALL HAVE NO HORIZONTAL JOINTS. ANY STOP IN CONCRETE WORK SHALL BE MADE AT CENTER OF SPANS WITH VERTICAL BULKHEADS.
 - DOWEL ALL COLUMNS TO FOUNDATION WITH BARS OF SAME SIZE AND NUMBER AS IN COLUMN. DOWEL SPLICE 36 DIAMETER MINIMUM.
 - COLUMNS SHALL BE POURED TO FULL HEIGHT AND ALLOWED TO ATTAIN INITIAL SET PRIOR TO PLACING BEAMS ABOVE. MINIMUM TIME INTERVAL 12 HOURS.
 - SEE ARCHITECTURAL PLANS FOR ALL ELEVATIONS AND DIMENSIONS NOT SHOWN.
 - ALL SOIL SUPPORTING FOUNDATIONS HAVE BEEN DESIGNED TO A BEARING CAPACITY OF 2000 PSF. IF CONDITIONS ARE FOUND TO BE LESS THAN 2000 PSF, CONTACT ENGINEER IMMEDIATELY.
 - FILL FOR FLOOR SLABS SHALL BE PLACED IN 12" LAYERS AND ROLLED AND/OR COMPACTED TO A MINIMUM FIELD DENSITY OF 95% AS MEASURED BY THE "MODIFIED PROCTOR TEST". ALL FILL SHALL BE CLEAN SAND OR SAND/ROCK MIXTURE FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS.
 - ALL PRESTRESSED CONCRETE MEMBERS SHALL BE AS MANUFACTURED BY "PRESTRESSED SYSTEMS INC." OF MIAMI, FLORIDA OR APPROVED EQUAL. MANUFACTURER SHALL SUPPLY ENGINEER WITH SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. (SUPERIMPOSED LOAD - SEE FRAMING PLANS)
 - ALL CONCRETE BEAMS MARKED TB SHALL BE PLACED USING WALLS AS BOTTOM FORMS AND SHALL HAVE CONTINUOUS TOP AND BOTTOM REINFORCING. SPLICES WHERE NECESSARY SHALL BE MADE IN MIDDLE 1/3 OF SPAN FOR TOP BARS AND END 1/3 OF SPAN FOR BOTTOM BARS. PROVIDE 40 DIA. LAP MINIMUM AT ALL SPLICES. ALL EXTERIOR CORNERS SHALL HAVE (2) #5 X 4'-0" CORNER BARS, 1 TOP AND 1 BOTTOM, BENT AT MID-POINT.
 - DATUM ELEVATION 0'-0" ESTABLISHED AS TOP OF GROUND FLOOR SLABS.
 - ALL WORK SHALL BE DONE IN ACCORDANCE TO THE "FLORIDA BUILDING CODE".
 - DESIGN LOADS:
 - A. ROOF ----- 30 P.S.F. LIVE + 15 P.S.F. DEAD
 - B. FLOOR ----- 60 P.S.F. LIVE + 20 P.S.F. (PARTITION)
 - C. WALKWAYS & CORRIDORS ----- 80 P.S.F.
 - D. WIND ----- 110 M.P.H. NOMINAL / 140 M.P.H. ULTIMATE



NEW VELO FILTER

Dati tecnici nominali / Nominal technical data	FVV 36
Superficie filtrante / Filtering Surface m²	33,8
Potenza totale installata / Total installed Power Kw	20,3
Pressione massima di esercizio / Max Working Pressure atm	8
Dimensioni / Dimensions	
Lunghezza / Length mm	3200
Profondità / Width mm	1850
Altezza / Height mm	2600
Peso a vuoto / Net Weight kg	1450
Accessori / Accessories	
Filtro del residuo verticale / Vertical residual filter	
Doppia uscita / Double outlet	
Parti a contatto in AISI 316 / Parts in contact with the product in AISI 316	
Supporti antivibranti / Vibration-damping support	
Collettore inbussolato / Bushed Manifold	
Guarnizioni in EPDM o VITON / EPDM or Viton gaskets	

AP Construction Contractor, LLC
439 River Isle Ct.
Longwood, Florida 32779

New Control Room
FOR
Florida Caribbean Distillers Co
425 Recker Highway, Auburndale, Polk County, Florida

JULIAN J. GARCIA
Architect - Engineer
709 West Central Avenue • Winter Haven, Florida 33880
Phone: (863) 294-4780
Web Site: jgarcia.com

Signature: _____

THESE PLANS ARE NOT VALID UNLESS THEY ARE SIGNED AND SEALED

DRAWN: JUG
CHECKED: JUG
DATE: 10/25/19
SCALE: AS SHOWN
JOB NUMBER: 1804908C-Auburndale
SHEET: 3 OF 8 SHEETS

ALL CONTRACTORS AND SUB-CONTRACTORS ARE TO REVIEW THE ENTIRE SET OF PLANS INCLUDING THE GENERAL NOTES AND OTHER INFORMATION IN THESE PLANS PRIOR TO AND DURING CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY - DO NOT SCALE DRAWINGS.