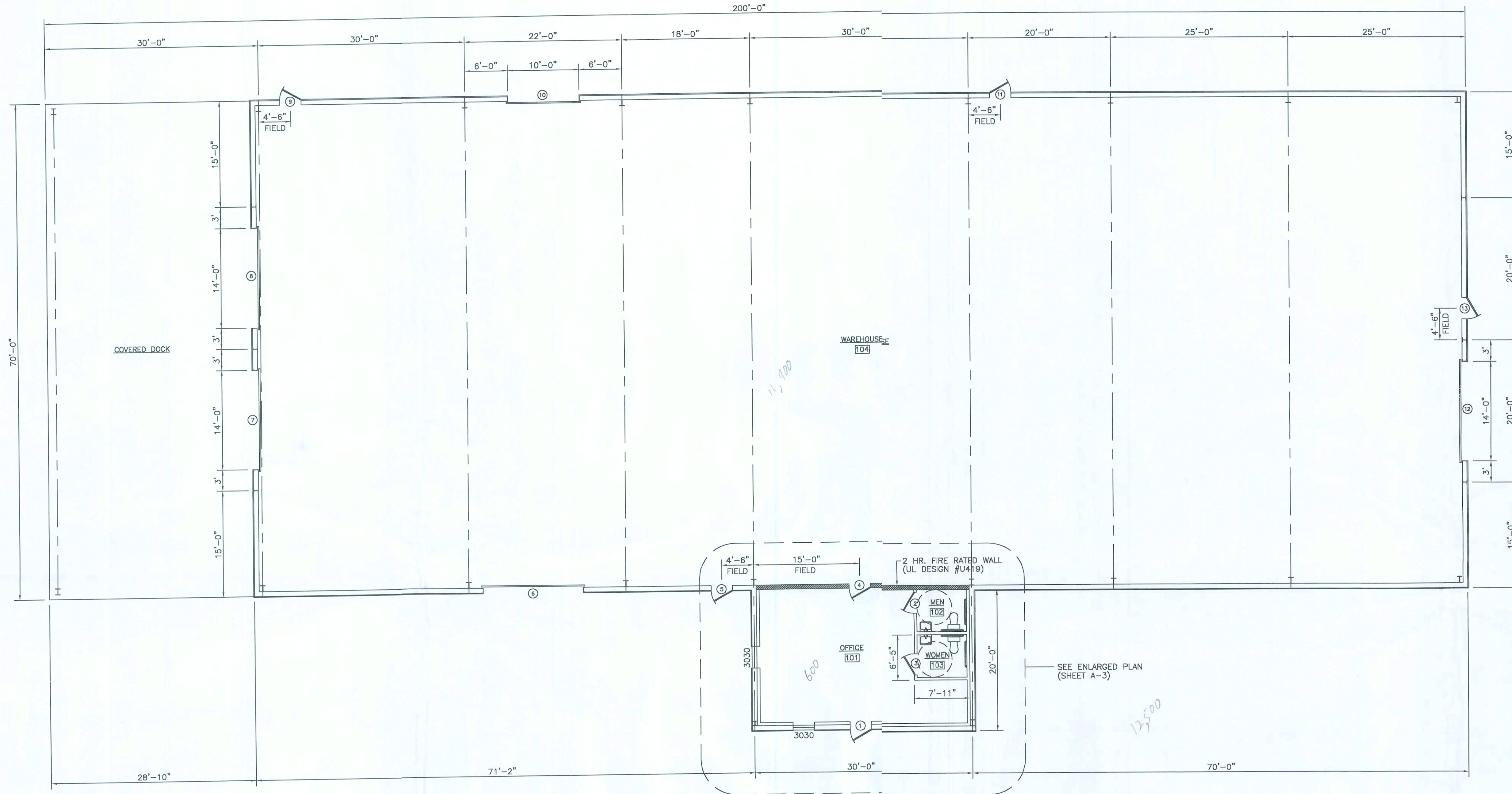




CODE SUMMARY:

APPLICABLE CODES:

FLORIDA BUILDING CODE (2004)
W/ 2005 & 2006 REV.
FLORIDA PLUMBING CODE (2004)
W/ 2005 & 2006 REV.
FLORIDA MECHANICAL CODE (2004)
W/ 2005 & 2006 REV.
NATIONAL ELECTRIC CODE (2005)

OCCUPANCY: GROUP S-2 STORAGE

TYPE OF CONSTRUCTION: TYPE II B

SPRINKLERED: NO

NUMBER OF STORIES: 1

BUILDING HEIGHT: 20' (MAX. 55' PER TABLE 503)

MAX. ALLOWABLE AREA: 26,000 S.F. (TABLE 503)

TOTAL ENCLOSED AREA: 12,582 S.F.

TOTAL UNENCLOSED AREA: 2018 S.F.

TOTAL CONDITIONED AREA: 600 S.F.

OCCUPANT LOAD: 30 (PER TABLE 1004.1.2)

DESIGN CONDITIONS:

WIND SPEED ZONE: 110 MPH

WIND IMPORTANCE FACTOR: 1

WIND EXPOSURE CATEGORY: B

BUILDING CATEGORY: ENCLOSED

INTERNAL PRESSURE COEFFICIENT: ± 0.18

NOT LOCATED IN WIND BORNE DEBRIS REGION

COMPONENT & CLADDING (P.S.F.)

OPEN AREA S.F.	END ZONE		INTERIOR ZONE	
	POS.+	NEG.-	POS.+	NEG.-
0-20 S.F.	21.8	29.1	21.8	23.6
20-50 S.F.	20.8	27.2	20.8	22.6
50-100 S.F.	19.5	24.6	19.5	21.3
>100 S.F.	18.5	22.6	18.5	20.4

DIMENSION OF END ZONE: 4 FT. MIN.

DOOR SCHEDULE:

MARK	SIZE	TYPE	MATERIAL	FRAME	REMARKS
1	3'-0" x 7'-0"	EXTERIOR	H.M.	H.M.	* HARDWARE TO MEET ADA CODE
2	3'-0" x 6'-8"	INTERIOR	H.C. WOOD	WOOD	* HARDWARE TO MEET ADA CODE
3	3'-0" x 6'-8"	INTERIOR	H.C. WOOD	WOOD	* HARDWARE TO MEET ADA CODE
4	3'-0" x 6'-8"	INTERIOR	H.M.	H.M.	90 MIN. FIRE RATED W/CLOSER
5	3'-0" x 7'-0"	EXTERIOR	H.M.	H.M.	* HARDWARE TO MEET ADA CODE
6	14'-0" x 14'-0"	ROLL-UP	METAL	STEEL	CHAIN HOIST
7	14'-0" x 14'-0"	ROLL-UP	METAL	STEEL	CHAIN HOIST
8	14'-0" x 14'-0"	ROLL-UP	METAL	STEEL	CHAIN HOIST
9	3'-0" x 7'-0"	EXTERIOR	H.M.	H.M.	* HARDWARE TO MEET ADA CODE
10	10'-0" x 10'-0"	ROLL-UP	METAL	STEEL	CHAIN HOIST
11	3'-0" x 7'-0"	EXTERIOR	H.M.	H.M.	* HARDWARE TO MEET ADA CODE
12	14'-0" x 14'-0"	ROLL-UP	METAL	STEEL	CHAIN HOIST
13	3'-0" x 7'-0"	EXTERIOR	H.M.	H.M.	* HARDWARE TO MEET ADA CODE

* NOTE: PROVIDE LEVER TYPE HANDLES PER ADA.

FLOOR PLAN

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



ROOM FINISH SCHEDULE:

AREA	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT	REMARKS
101	OFFICE	VCT	VINYL	PAINTED GYP. BD.	SUSP. ACOUS. TILE	9'-0"	
102	MEN	VCT	VINYL	PAINTED GYP. BD.	SUSP. ACOUS. TILE	9'-0"	NON-ABSORBENT SURFACE (SEE NOTE)
103	WOMEN	VCT	VINYL	PAINTED GYP. BD.	SUSP. ACOUS. TILE	9'-0"	NON-ABSORBENT SURFACE (SEE NOTE)
104	WAREHOUSE	CONC.	NONE	EXPOSED INSUL.	EXPOSED INSUL.	VARIES	

* NOTE: PROVIDE NON-ABSORBENT SURFACE TO 48" A.F.F. ON ALL WALLS WITHIN 24" OF A WATER CLOSET OR URINAL.

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MJE PROPERTIES
PRE-ENGINEERED BUILDING

228 N.W. WILKS LANE/BLDG. #2
LAKE CITY, FLORIDA

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PERMIT 3-25-08

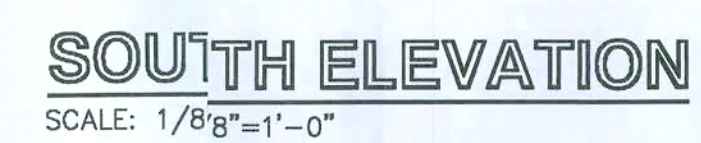
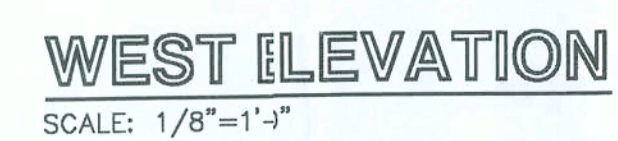
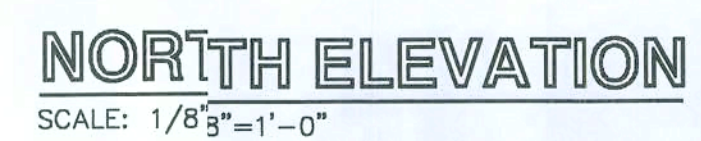
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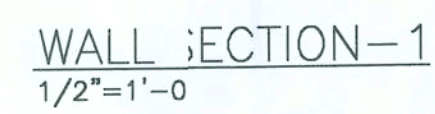
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1



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

- ① EXTERIOR WALL - 3 5/8" 25 GA. MTL. STUDS @ 24" O.C.
WITH 1/2" GYP. BD. ONE SIDE TO 9'-6" A.F.F.
- ② INTERIOR PARTITION - 3 5/8" 25 GA. MTL. STUDS @ 24" O.C.
WITH 1/2" GYP. BD. BOTH SIDES TO 9'-6" A.F.F.
(INSULATION FOR SOUND)
- ③ INTERIOR WET WALL - 6" 25 GA. MTL. STUDS @ 24" O.C.
WITH 1/2" GYP. BD. BOTH SIDES TO 9'-6" A.F.F.
(INSULATION FOR SOUND)
- ④ FIRE RATED DEMISING WALL - 3 5/8" 25 GA. MTL. STUDS 24" O.C.
W/(2) LAYERS 5/8" F.C. GYP. BD. EA. SIDE TO UNDERSIDE OF ROOF
DECK WITH R-11 INSULATION. (2 HR. WALL UL DESIGN #J419)

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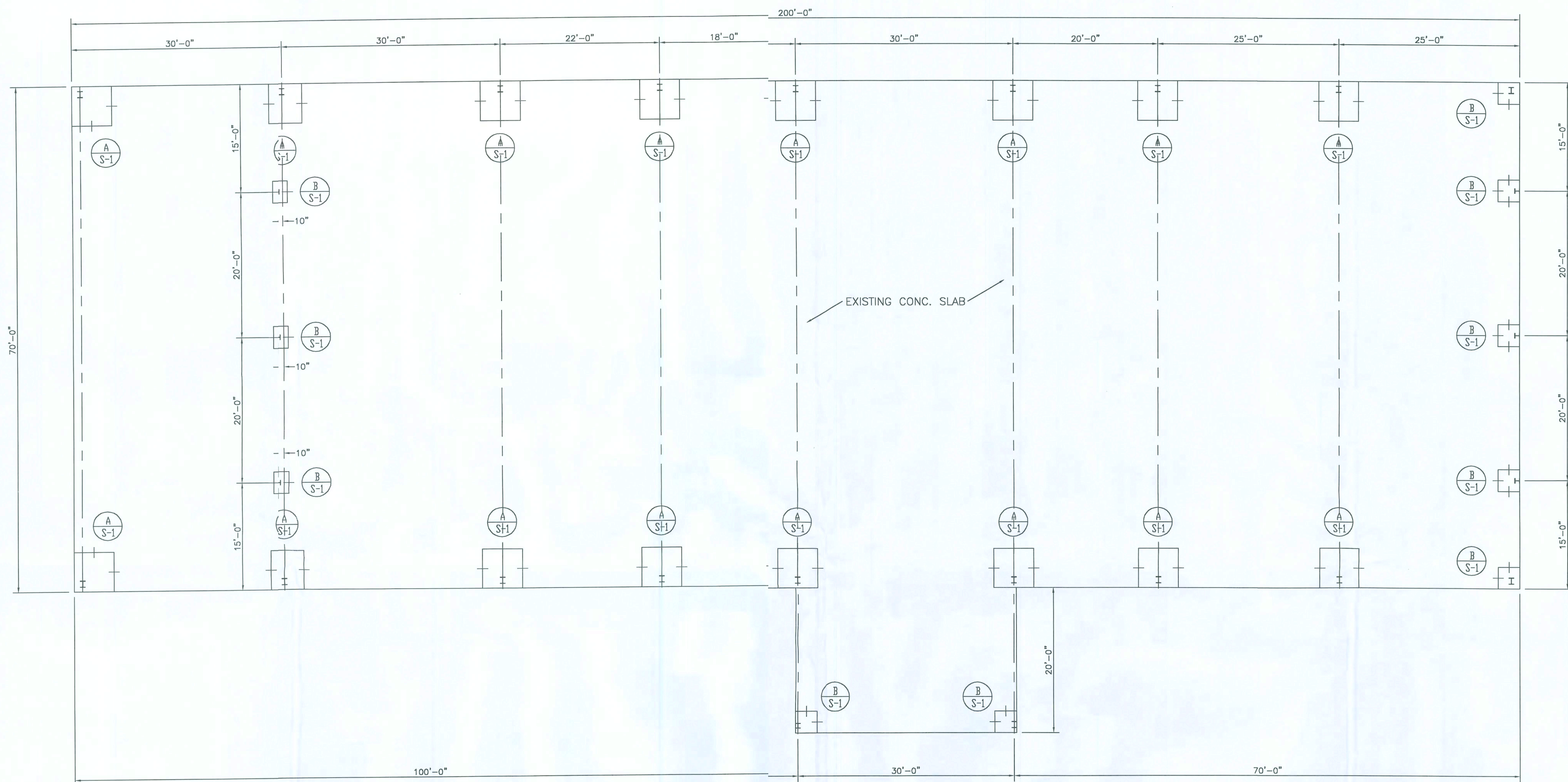
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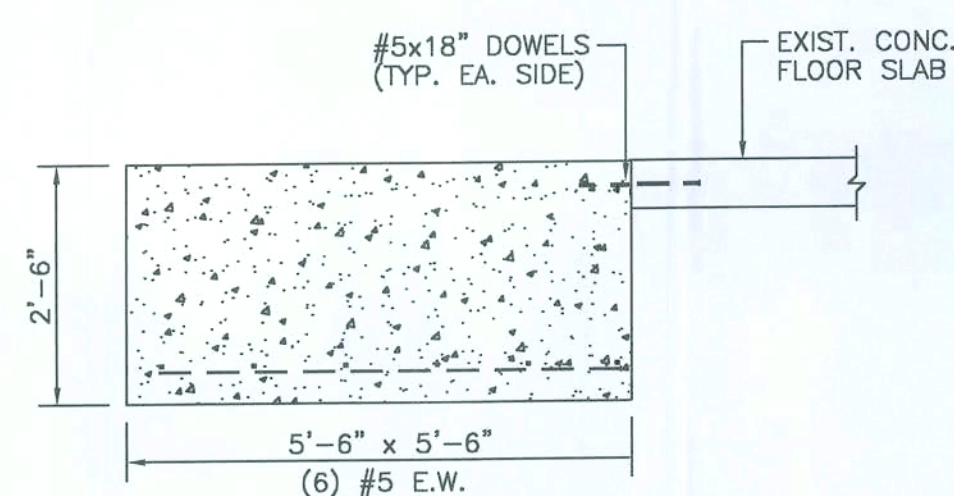
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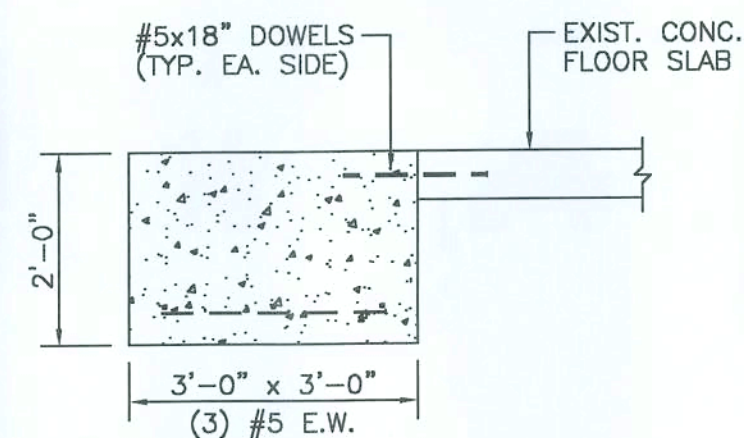


FOUNDAION PLAN

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



A COLUMN FTG.
S-1 1/2"=1'-0"



B COLUMN FTG.
S-1 1/2"=1'-0"

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE 2004 FLORIDA BUILDING CODE (W/2005 & 2006 REVISIONS) AND OTHER APPLICABLE CODES.
- FOOTING DESIGN IS BASED ON MIN. SOIL BEARING CAPACITY OF 2000 PSF AT 95% DENSITY.
- ALL CONCRETE SHALL HAVE A MIN. $F'_c = 3000$ PSI AT 28 DAYS.
- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST ACI - 301.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM - A615, GRADE 60.
- MINIMUM COVER FOR REINFORCING SHALL BE 3" FOR FOOTINGS, AND CENTERED IN SLABS.
- REINFORCING BAR SPLICES FOR #5 BAR SHALL BE 30" MIN. AND HOOKS SHALL MEET ACI STANDARDS.
- ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
- REFER TO BUILDING MFG. ANCHOR BOLT LAYOUT FOR REQUIRED BOLT SIZES AND SPACING. BOLT LENGTH SHALL BE 16 x BOLT DIAMETER, PLUS REQUIRED PROJECTION WITH A 3" HOOK.

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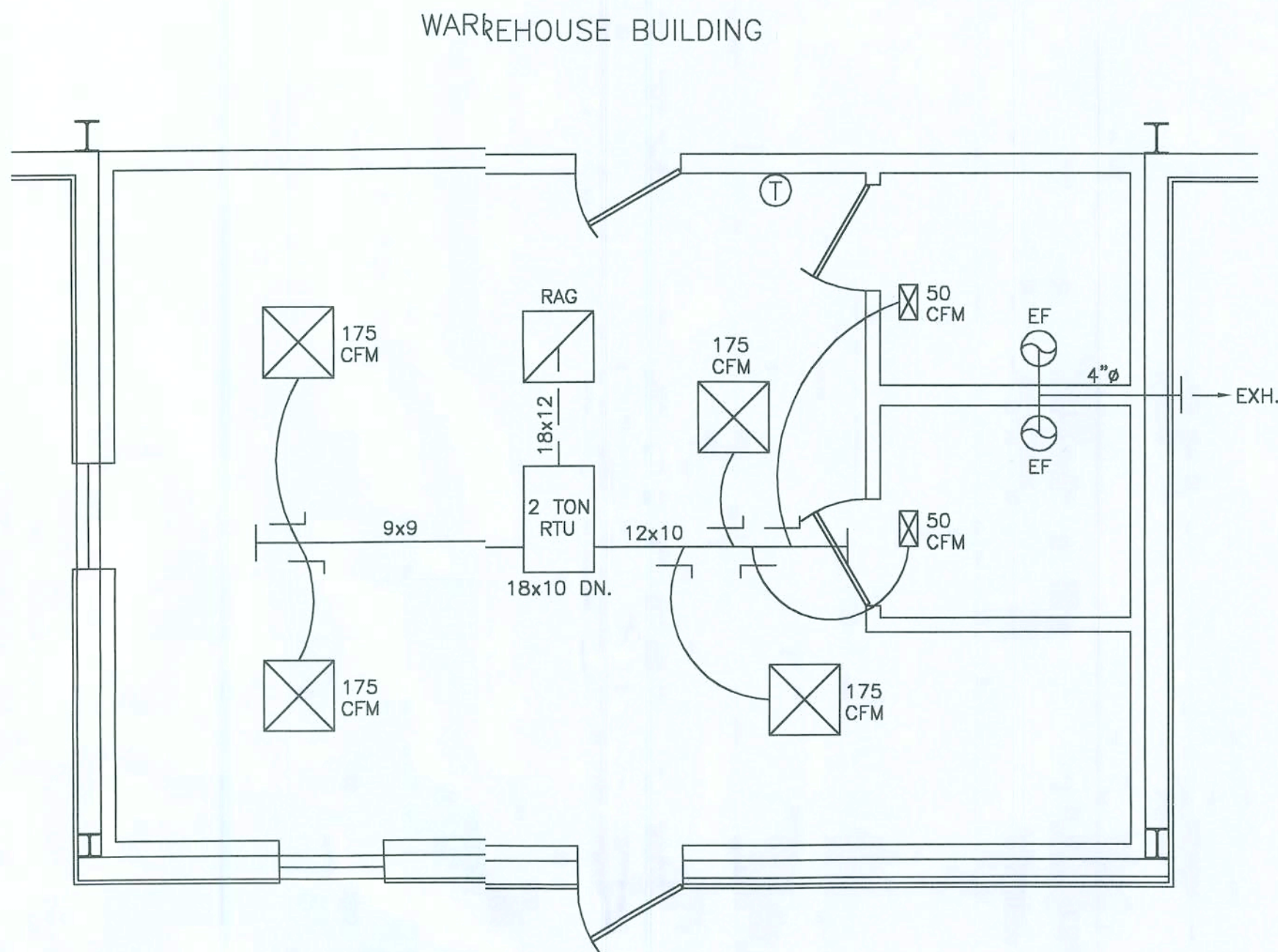
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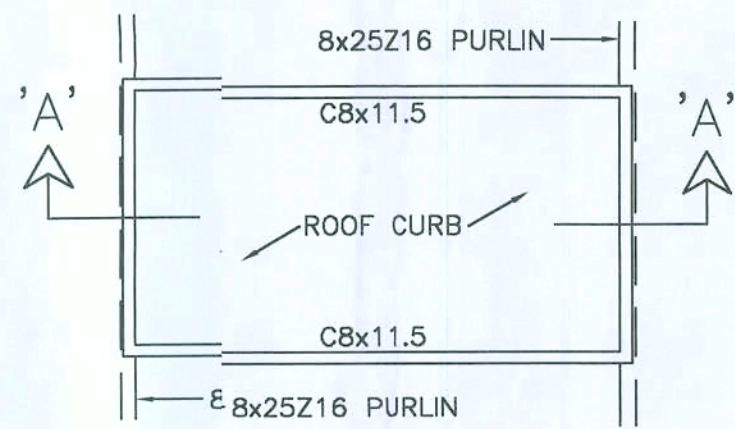
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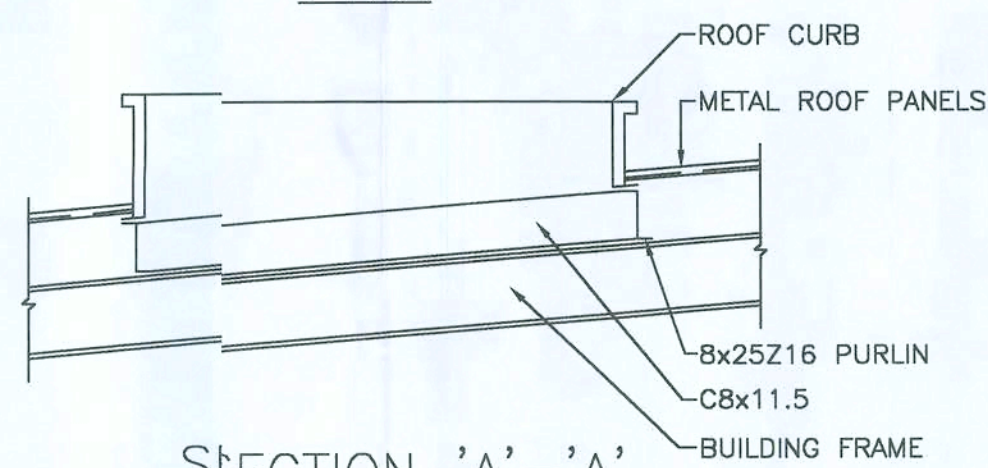
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OFFICE HVAC PLAN
SCALE: 1/4"=1'-0"



PLAN



SECTION 'A-A'

ROOF CURB DETAIL
N.T.S.

HVAC NOTES:

1. ALL TRUNK LINES ARE TO BE CONSTRUCTED OF FIBERGLASS DUCT BOARD OR INSULATED GALVANIZED STEEL. TAPE, SEAL AND REINFORCE AS REQUIRED.
2. PROVIDE METHOD TO BALANCE SYSTEMS, ie, DAMPERS, ADJUSTABLE GRILLS.
3. CONDENSATE DRAIN (SCHEDULE 40 PVC) SHALL TERMINATE OUTSIDE BUILDING.
4. REFRIGERATION LINES TO SPLIT DX-AC SYSTEM SHALL BE INSULATED WITH CLOSED CELL FOAM RUBBER, UV RESISTANT, 1/2" THICK WALLS, UNSLIT, AND TAPED AT JOINTS.
5. ALL HVAC DUCTS, REGISTERS, EQUIPMENT, ETC., SHALL BE INSULATED IN COMPLIANCE WITH ALL STATE AND LOCAL HVAC CODES.
6. ALL EXHAUST FANS TO BE VENTED TO THE OUTSIDE.
7. PROVIDE TURNING VANES AS NECESSARY IN DUCT TURNS.
8. ALL INTERIOR DOORS TO BE UNDERCUT AT LEAST 1" FOR PROPER RETURN AIR BALANCE.
9. HVAC SYSTEM SHALL BE FULLY BALANCED AFTER INSTALLATION OF ALL COMPONENTS, INCLUDING BUT NOT LIMITED TO DUCTWORK, TURNING VANES, DAMPERS, VENTS, FRESH AIR INTAKES, REGISTERS, GRILLS, AND OTHER EQUIPMENT.
10. ALL EQUIPMENT AND COMPONENTS SHALL BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS.
11. MECHANICAL CONTRACTOR TO PROVIDE ELECTRICAL CONTRACTOR WITH ELECTRICAL REQUIREMENTS ON ALL MECHANICAL SYSTEMS BEFORE ANY MECHANICAL OR ELECTRICAL IS PROVIDED OR INSTALLED.
12. AIR HANDLERS THAT PRODUCE MORE THAN 2000 CFM, MUST HAVE SMOKE DETECTORS ON SUPPLY SIDE CONNECTED TO AN AUDIO/VISUAL SIGNAL IN A NORMALLY OCCUPIED AREA.
13. TYPICAL LAYOUT FOR TRUNK LINES AND DUCTS TO BE VERIFIED BY CONTRACTOR.
14. COORDINATE TYPE, SIZE, FUSES AND BREAKERS FOR DISCONNECTS, WIRE SIZES WITH ELECTRICAL CONTRACTOR, POWER COMPANY, EQUIPMENT PLATE AND EQUIPMENT MANUFACTURER BEFORE EQUIPMENT IS ORDERED, ROUGHED-IN, PRICED, ESTIMATED OR ELECTRICAL SERVICE IS ORDERED.
15. INSTALLATION TO MEET ALL APPLICABLE SECTIONS OF THE 2004 FLORIDA MECHANICAL CODE W/2005 & 2006 REVISIONS, N.F.P.A., AND ALL STATE AND LOCAL CODES.
16. ALL EQUIPMENT WITH A BRAND NAME CAN BE REPLACED WITH AN EQUIVALENT ITEM. BRAND NAME IS TO ESTABLISH A LIMIT OF QUALITY.

EQUIPMENT SCHEDULE:

2 TON ROOF TOP UNIT (RTU)
TRANE #TCC024F100B OR EQUAL
W/10 KW HEAT STRIPS

HVAC LEGEND:

- | | |
|--|---|
| | 2'x2' 4-WAY SUPPLY DIFFUSER |
| | 6"x12" SUPPLY DIFFUSER |
| | 2'x2' RETURN AIR GRILLE |
| | EXHAUST FAN (50 CFM)
(VENT TO OUTSIDE) |
| | DAMPER |
| | THERMOSTAT |
| | SUPPLY DUCT |
| | RETURN DUCT |
| | FLEX DUCT |

FLEX DUCT SCHEDULE:

175 CFM	7"
50 CFM	6"

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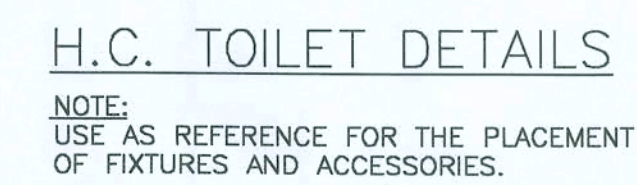
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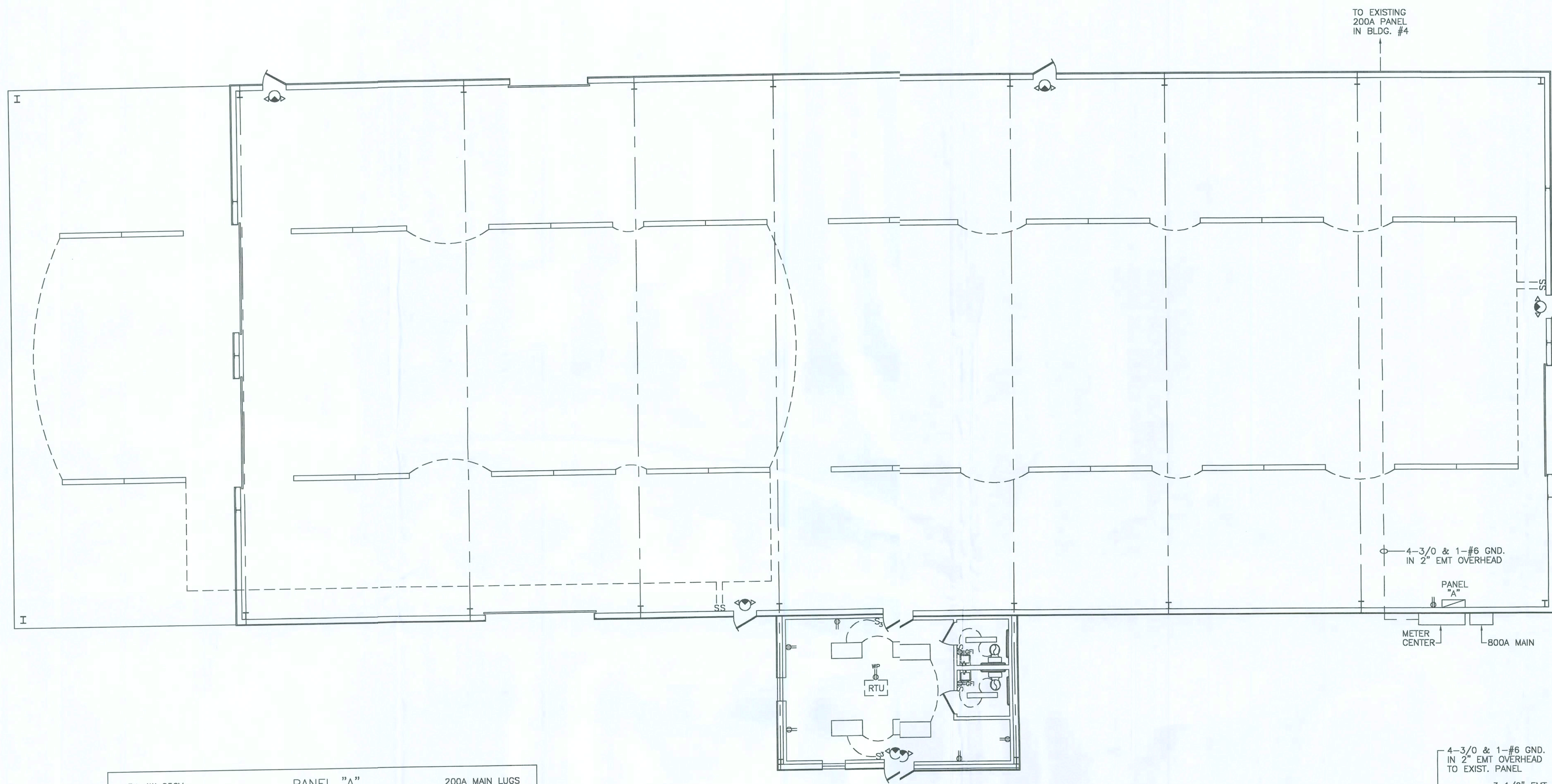


SYMBOL	DESCRIPTION	CW	HW	TRAP SIZE	REMARKS
P-1	H.C. WATER CLOSET	0.5"	—	3"	FLUSHOMETER TANK (1.6 GPF)
P-2	H.C. LAVATORY	0.5"	—	1.25"	WALL HUNG



P-1

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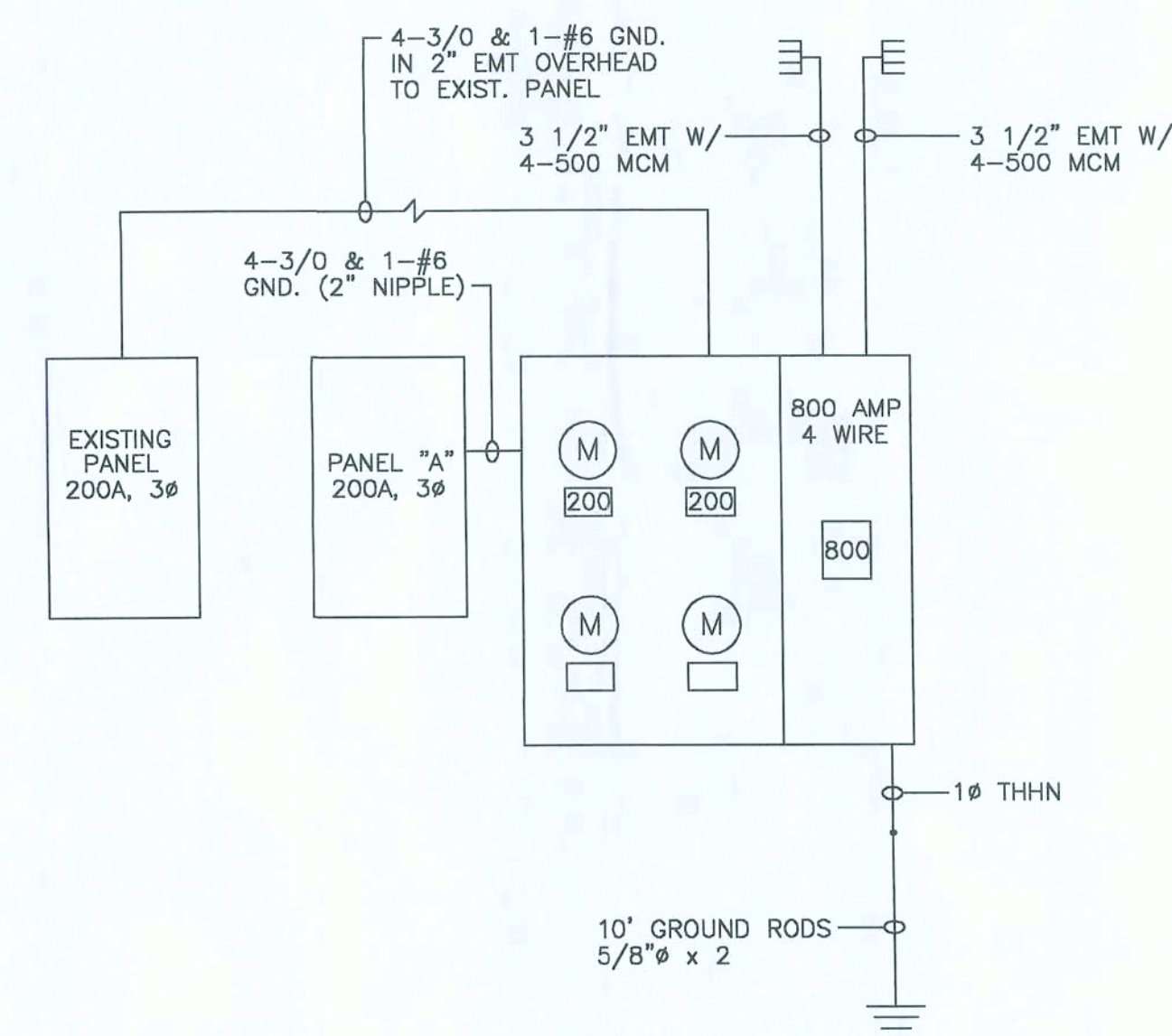
ELECTRICAL LEGEND:

- 2'x4' LAY-IN LIGHT (4 LAMP)
- T-8 FLUOR. STRIP FIXTURE (4 LAMP)
- 1'x4' WRAPAROUND FIXTURE (2 LAMP)
- EXIT/EMERGENCY LIGHT COMBO
- EXHAUST FAN (50 CFM)
- LIGHT SWITCH
- 3-WAY LIGHT SWITCH
- DUPLEX RECEPTACLE
- GROUND FAULT RECEPTACLE
- GROUND FAULT RECEPTACLE

3ø 4W 250V PANEL "A" 200A MAIN LUGS									
	POLE	AMP	CKT	PHASE	CKT	AMP	POLE		
LIGHTING	1	20	1	A	2	20	1	LIGHTING	
LIGHTING	1	20	3	B	4	20	1	LIGHTING	
LIGHTING	1	20	5	C	6	20	1	LIGHTING	
LIGHTING	1	20	7	A	8	20	1	LIGHTING	
RECEPTACLES	1	20	9	B	10	20	1	RECEPTACLES	
			11	C	12	20	1	RECEPTACLES	
RTU	3	30	13	A	14				
			15	B	16				
			17	C	18				
			19	A	20				
			21	B	22				
			23	C	24				
			25	A	26				
			27	B	28				
			29	C	30				
			31	A	32				
			33	B	34				
			35	C	36				
			37	A	38				
			39	B	40				
			41	C	42				

ELECTRICAL PLAN

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



ELECTRICAL RISER DIAGRAM

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