



ALABAMA
PORT AUTHORITY
 PORT OF MOBILE

McDUFFIE TERMINAL IMPROVEMENTS

NEW FABRICATION SHOP/OFFICE - DEMOLITION PACKAGE

KAY IVEY, GOVERNOR OF ALABAMA
 DOUG OTTO, DIRECTOR



NOTES	NO.	REVISION	DRAWN	CK'D	APPD	DATE	DRAWN: JLH	CK'D: JEJ	APPD: RSG	DATE: 11-05-24	SCALE: NONE	PROJECT NO: 4617	DWG NO: G1	REV: E
	E	ISSUED FOR BID	JLH	JEJ	RSG	01-14-26								
	D	100% DESIGN REVIEW	JLH	JEJ	RSG	09-09-25								
	C	95% DESIGN REVIEW	JLH	JEJ	RSG	08-08-25								
	B	60% DESIGN REVIEW	JLH	JEJ	RSG	06-10-25								
	A	30% DESIGN REVIEW	JLH	JEJ	RSG	04-11-25								



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CLIENT DWG NO:	
PROJECT NO:	4617
DWG NO:	G1
REV:	E

DEMOLITION NOTES:

- APTIM HAS ATTEMPTED TO PROVIDE THE CONTRACTOR WITH THE MOST CURRENT "AS BUILT" INFORMATION AS POSSIBLE REGARDING EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL EXISTING CONDITIONS AND HOW THEY AFFECT THE REQUIRED WORK PRIOR TO SUBMITTING HIS BID. ANY DISCREPANCY NOTED BETWEEN ACTUAL CONDITIONS AND THOSE DESCRIBED BY THESE DRAWINGS SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE ENGINEER. NO ADDITIONAL COST ASSOCIATED WITH THE MODIFICATIONS TO THE SCOPE OF WORK REQUIRED DUE TO INACCURATE EXISTING CONDITIONS AS SHOWN BY THESE DRAWINGS WILL BE CONSIDERED UNLESS SAID CONDITIONS HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO RECEIVING BIDS.
- THE WORK INCLUDED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL LABOR, TOOLS, EQUIPMENT, MATERIAL, SERVICES, AND SUPERVISION NECESSARY FOR THE DEMOLITION, REMOVAL FROM THE SITE, AND PROPER DISPOSAL OF ALL INDICATED STRUCTURES INCLUSIVE OF BUT NOT LIMITED TO ALL PILING, CONCRETE, STEEL FRAMING, AND ALL ASSOCIATED CONSTRUCTION THAT EXIST IN THE AREAS DESIGNATED FOR DEMOLITION. REMOVED MATERIALS AS DESIGNATED BY THE OWNER SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE SAFELY STORED AS DIRECTED. MATERIAL SPECIFIED TO BE DISPOSED OF SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF OFF OWNER'S PROPERTY.
- APPLICABLE CODES AND STANDARDS
ANSI A10.6 (LATEST EDITION) DEMOLITION OPERATIONS-SAFETY REQUIREMENTS
NATIONAL ASSOCIATION OF DEMOLITION CONTRACTORS DEMOLITION SAFETY MANUAL
- REQUIRED SUBMITTALS
THE CONTRACTOR SHALL SUBMIT PROPOSED DEMOLITION AND REMOVAL PROCEDURES TO THE OWNER FOR APPROVAL BEFORE WORK BEGINS. THE DEMOLITION PLAN SHALL INCLUDE PROCEDURES FOR CAREFUL REMOVAL AND DISPOSITION OF ALL MATERIALS AND A DETAILED DESCRIPTION OF METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND OF SEQUENCE OF OPERATIONS.
- NOTIFICATION OF DEMOLITION AND DISPOSAL
THE CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL HAULING AND DISPOSAL REGULATIONS, FURNISHING TIMELY NOTIFICATION OF THE DEMOLITION WORK TO FEDERAL, STATE, REGIONAL AND LOCAL AUTHORITIES AS REQUIRED.
- DUST AND DEBRIS CONTROL
THE CONTRACTOR SHALL PREVENT THE SPREAD OF DUST AND DEBRIS AND AVOID THE CREATION OF A NUISANCE OR HAZARD IN THE SURROUNDING AREA. WATER SPRAY SHALL BE REQUIRED DURING DEMOLITION OPERATIONS WHEN CONDITIONS WARRANT.
- PROTECTION OF EXISTING STRUCTURES
TO PROTECT PEDESTRIAN & VEHICULAR TRAFFIC IN AND AROUND THE WORK AREA, TRAFFIC BARRICADES WITH FLASHING LIGHTS SHALL BE USED AS REQUIRED. STRUCTURES, EQUIPMENT, AND OTHER ITEMS IN THE ADJACENT AREA SHALL BE PROTECTED AS REQUIRED DURING DEMOLITION AND REMOVAL WORK. ANY SUCH ITEMS DAMAGED DURING THE COURSE OF THE WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, OR REPLACED. WHERE DEMOLITION AND REMOVAL WORK CAUSE HAZARDOUS CONDITIONS APPROPRIATE BARRIERS AND TEMPORARY COVERINGS SHALL BE USED AS REQUIRED.
- EXISTING CONSTRUCTION AND OPERATIONS
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL NECESSARY DETAILS OF THE EXISTING CONSTRUCTION AS RELATIVE TO ITS EFFECTS ON HIS WORK. CONTRACTOR SHALL ALSO COORDINATE ALL ACTIVITIES WITH THE OWNER AND SHALL NOT INTERFERE IN ANY WAY WITH APM TERMINALS OPERATIONS.
- PILE REMOVAL
EXISTING FOUNDATION PILING SHALL BE REMOVED IN ENTIRETY IF INTERFERENCE OCCURS WITH WITH NEW PILE INSTALLATION. OTHER PILING CAN BE LEFT IN PLACE AND CUT OFF BELOW ANY NEW CONSTRUCTION FEATURES.
- IF ARCHAEOLOGICAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE PROCEDURES CODIFIED AT 36 CFR 800.13(b) WILL APPLY. ARCHAEOLOGICAL MATERIALS CONSIST OF ANY ITEMS, FIFTY YEARS OLD OR OLDER, WHICH WERE MADE OR USED BY MAN. THESE ITEMS INCLUDED BUT ARE NOT LIMITED TO STONE, PROJECTILE POINTS (ARROWHEADS), CERAMIC SHARDS, BRICKS, WORKED WOOD, BONE AND STONE, METAL AND GLASS OBJECTS. IF GROUND-DISTURBING WORK UNCOVERS SIGNIFICANT ARCHAEOLOGICAL MATERIALS, OR IF WORK UNCOVERS HUMAN BURIALS OR HUMAN REMAINS, ALABAMA PORT AUTHORITY WILL BE NOTIFIED IMMEDIATELY AND GROUND DISTURBING ACTIVITIES WILL IMMEDIATELY BE STOPPED WITHIN A 300-FOOT RADIUS AND THE MATERIALS PROTECTED. THE ALABAMA PORT AUTHORITY WILL INFORM THE STATE HISTORIC PRESERVATION OFFICER, CHOCTAW NATION HISTORIC PRESERVATION DEPARTMENT, AND THE MUSCOGEE (CREEK) NATION DEPARTMENT OF CULTURE AND HUMANITIES OF THE DISCOVERY OF ARCHAEOLOGICAL MATERIALS AS SOON AS POSSIBLE AND THESE PARTIES WILL BE GIVEN AN OPPORTUNITY TO PROVIDE INPUT BEFORE CONSTRUCTION RESUMES. NEITHER THE CONSTRUCTION TEAM NOR THE APPLICANT WILL DISCLOSE THIS INFORMATION TO THE PUBLIC OR THE MEDIA IN ANY MANNER, INCLUDING SOCIAL MEDIA. IF HUMAN REMAINS ARE ENCOUNTERED, THE PROVISIONS OF THE ALABAMA BURIAL ACT (CODE OF ALABAMA 1975 13A-7-23.1, AS AMENDED; ALABAMA HISTORICAL COMMISSION ADMINISTRATIVE CODE CHAPTER 460-X-10 BURIALS) SHOULD BE FOLLOWED.

D R A W I N G I N D E X

DRAWING NO.	DRAWING TITLE
G1	PROJECT COVER SHEET
G2	GENERAL NOTES & DRAWING INDEX
G3	PROJECT SITE LOCATION PLAN & VICINITY MAP
G4	ENLARGED PLAN - MECHANICAL WAREHOUSE
G5	ENLARGED PLAN - SHOWER/LUNCHROOM FACILITY
G6	ENLARGED PLAN - OFFICE-WASHROOM BUILDING
G7	DEMOLITION SECTIONS & DETAILS
G8	EROSION CONTROL DETAILS & NOTES

REFERENCE DRAWINGS:

- McDUFFIE TERMINALS PLANT EXPANSION - (1981)
MAIN ENTRANCE GUARD STATION, ELECTRICAL & MECHANICAL WAREHOUSE/SHOPS, AND TOILET/SHOWER/LUNCHROOM FACILITIES

DRAWING NO.	DRAWING TITLE
C-1	SITE PLAN
S-2	PILE DRIVING PLAN - WAREHOUSE/SHOPS
S-3	FOUNDATION PLAN - WAREHOUSE/SHOPS & TOILET/SHOWER/LUNCHROOM
S-4	STRUCTURAL SLAB PLAN & SECTION - WAREHOUSE/SHOPS, ROOF FRAMING PLAN & SECTIONS - TOILETS/SHOWER/LUNCHROOM FACILITIES
S-5	TILT-UP PANEL ELEVATIONS & SECTION - WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
A-2	FLOOR PLAN - SCHEDULES- WAREHOUSE/SHOPS, TOILETS/SHOWER/LUNCHROOM
A-3	FLOOR PLAN - DETAILS - TOILET/SHOWER/LUNCHROOM
A-6	EXTERIOR ELEVATIONS - WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
A-9	WALL SECTIONS - WAREHOUSE/SHOPS
A-10	SECTIONS & DETAILS - EXTERIOR CANOPY - WAREHOUSE/SHOPS
A-11	BUILDING SECTION & DETAILS - TOILETS/SHOWER/LUNCHROOM
M-2	PLAN AIR DISTRIBUTION - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
P-2	SANITARY SEWER PLAN - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
P-3	SANITARY SEWER RISER DIAGRAMS - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
P-4	PLUMBING & GAS PLANS - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
P-5	PLUMBING RISER DIAGRAMS - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
E-3	LIGHTING PLAN - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
E-4	POWER PLAN, DETAILS & RISERS - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM
E-5	SCHEDULES & LEGENDS - WAREHOUSE/SHOPS & TOILETS/SHOWER/LUNCHROOM

- McDUFFIE TERMINALS PLANT EXPANSION - (1982)
SHOWER/LUNCHROOM FACILITY - BARGE UNLOADER SHOP

DRAWING NO.	DRAWING TITLE
C-1	SHOWER & LUNCHROOM FACILITY SITE PLAN
C-2	SURVEY CONTROL PLAN
S-1	SHOWER & LUNCHROOM FACILITY FOUNDATION PLAN
S-2	SHOWER & LUNCHROOM FACILITY TILT PANEL ELEVATIONS
A-1	SHOWER & LUNCHROOM FACILITY FLOOR PLAN
A-2	SHOWER & LUNCHROOM FACILITY ROOM FINISH AND DOOR SCHEDULES
A-3	SHOWER & LUNCHROOM FACILITY EXTERIOR ELEVATIONS
A-4	SHOWER & LUNCHROOM FACILITY BUILDING SECTION & DETAILS
A-5	SHOWER & LUNCHROOM FACILITY END WALL SECTIONS
A-6	SHOWER & LUNCHROOM FACILITY CASEWORK & INTERIOR TOILET ELEVATIONS
A-7	SHOWER & LUNCHROOM FACILITY CANOPY PLAN
P-1	SHOWER & LUNCHROOM FACILITY PLUMBING PLAN
P-2	SHOWER & LUNCHROOM FACILITY PLUMBING RISER DIAGRAMS
M-1	SHOWER & LUNCHROOM FACILITY PLAN-AIR DISTRIBUTION
E-1	SHOWER & LUNCHROOM FACILITY LIGHTING PLAN
E-2	SHOWER & LUNCHROOM FACILITY POWER PLAN
E-3	SHOWER & LUNCHROOM FACILITY CANOPY LIGHTING PLAN
E-4	SHOWER & LUNCHROOM FACILITY SCHEDULES AND LEGEND

- McDUFFIE TERMINALS - (1991)
OFFICE-WASHROOM BUILDING, PARKING SHED, & ELEC. WAREHOUSE LOADING DOCK EXTENSION

DRAWING NO.	DRAWING TITLE
CS-1	PROJECT TITLE SHEET
ID-1	INDEX OF DRAWINGS
G-1	SITE PLAN
G-2	OFFICE-WASHROOM BLDG.. EXISTING TOPOGRAPHY
G-3	OFFICE-WASHROOM BLDG.. SITE PLAN
G-4	OFFICE-WASHROOM BLDG.. SITE PLAN DETAILS
A1	OFFICE-WASHROOM BLDG.. ARCHITECTURAL FLOOR PLAN
A2	OFFICE-WASHROOM BLDG.. CEILING PLAN
A3	OFFICE-WASHROOM BLDG.. EXTERIOR ELEVATIONS
A4	OFFICE-WASHROOM BLDG.. SECTION & DETAILS
A5	OFFICE-WASHROOM BLDG.. INTERIOR ELEVATIONS
A6	OFFICE-WASHROOM BLDG.. DETAILS
A7	PARKING SHED. FLOOR PLAN
A8	PARKING SHED. EXTERIOR ELEVATIONS
A9	PARKING SHED. DETAILS
S-1	OFFICE-WASHROOM BLDG.. STRUCTURAL DETAILS
E1	OFFICE-WASHROOM BLDG.. POWER PLANS
E2	OFFICE-WASHROOM BLDG.. LIGHTING PLANS
P1	OFFICE-WASHROOM BLDG.. PLUMBING PLAN & DETAILS
P2	OFFICE-WASHROOM BLDG.. PLUMBING PLAN & DETAILS
M1	OFFICE-WASHROOM BLDG.. MECHANICAL PLAN & DETAILS
L-1	LOADING DOCK EXTENSION. FOUNDATION PLAN & DETAILS
L-2	LOADING DOCK EXTENSION. RAMP PLAN & DETAILS

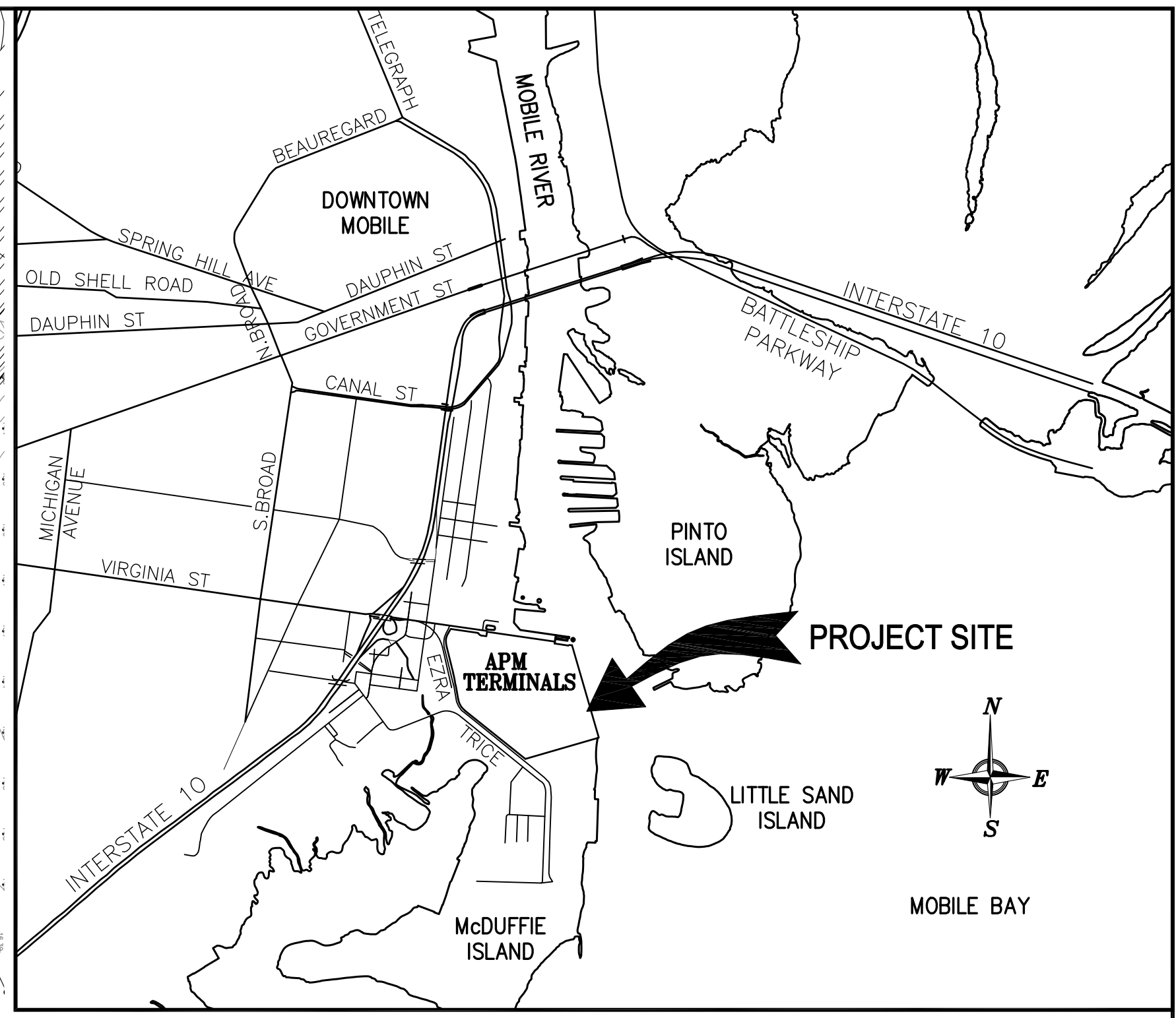
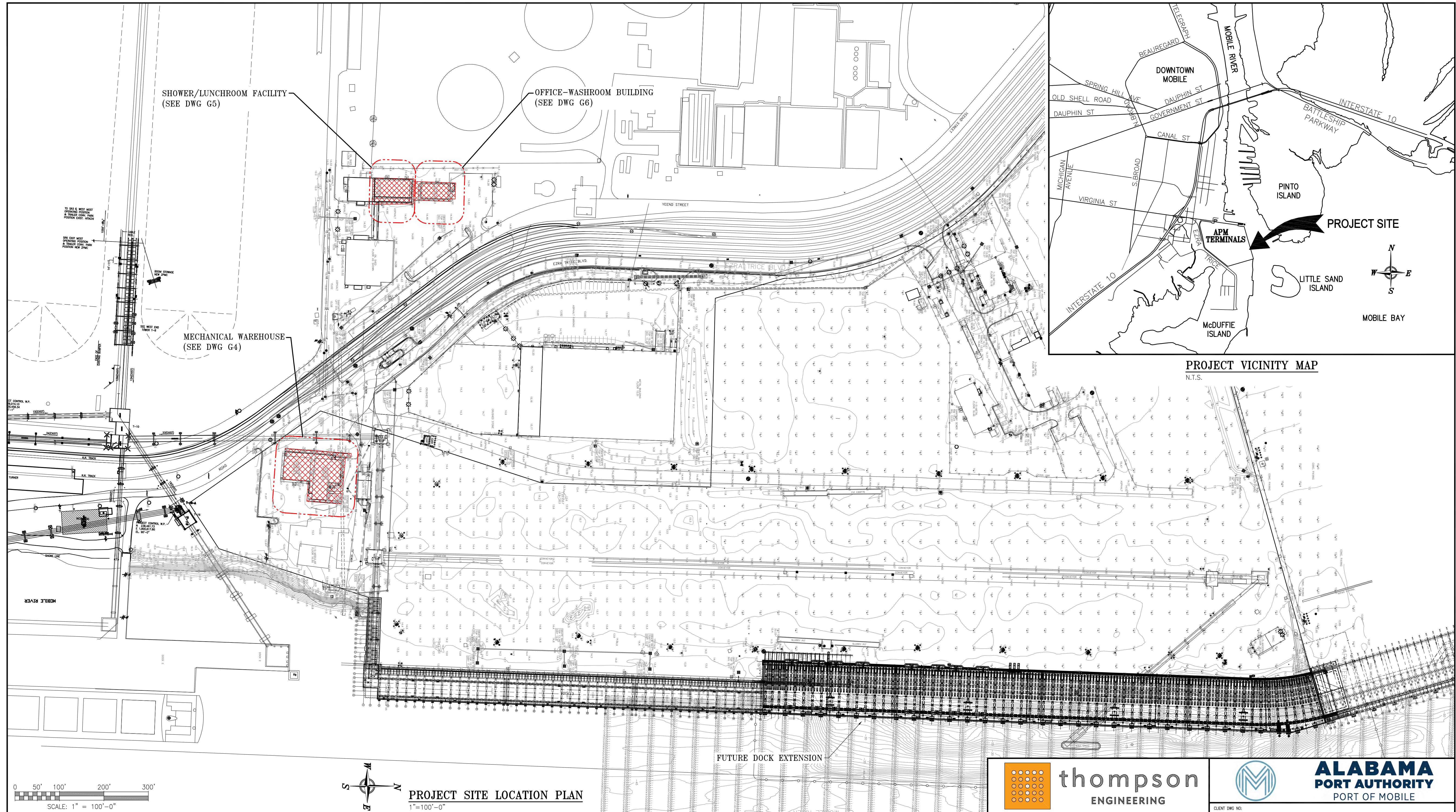


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FOR: ALABAMA PORT AUTHORITY

PROJECT NO: 4617 DWG NO: G2 REV: E

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	D	100% DESIGN REVIEW	JLH	JEJ	RSR	09-09-25
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PROJECT VICINITY MAP
N.T.S.

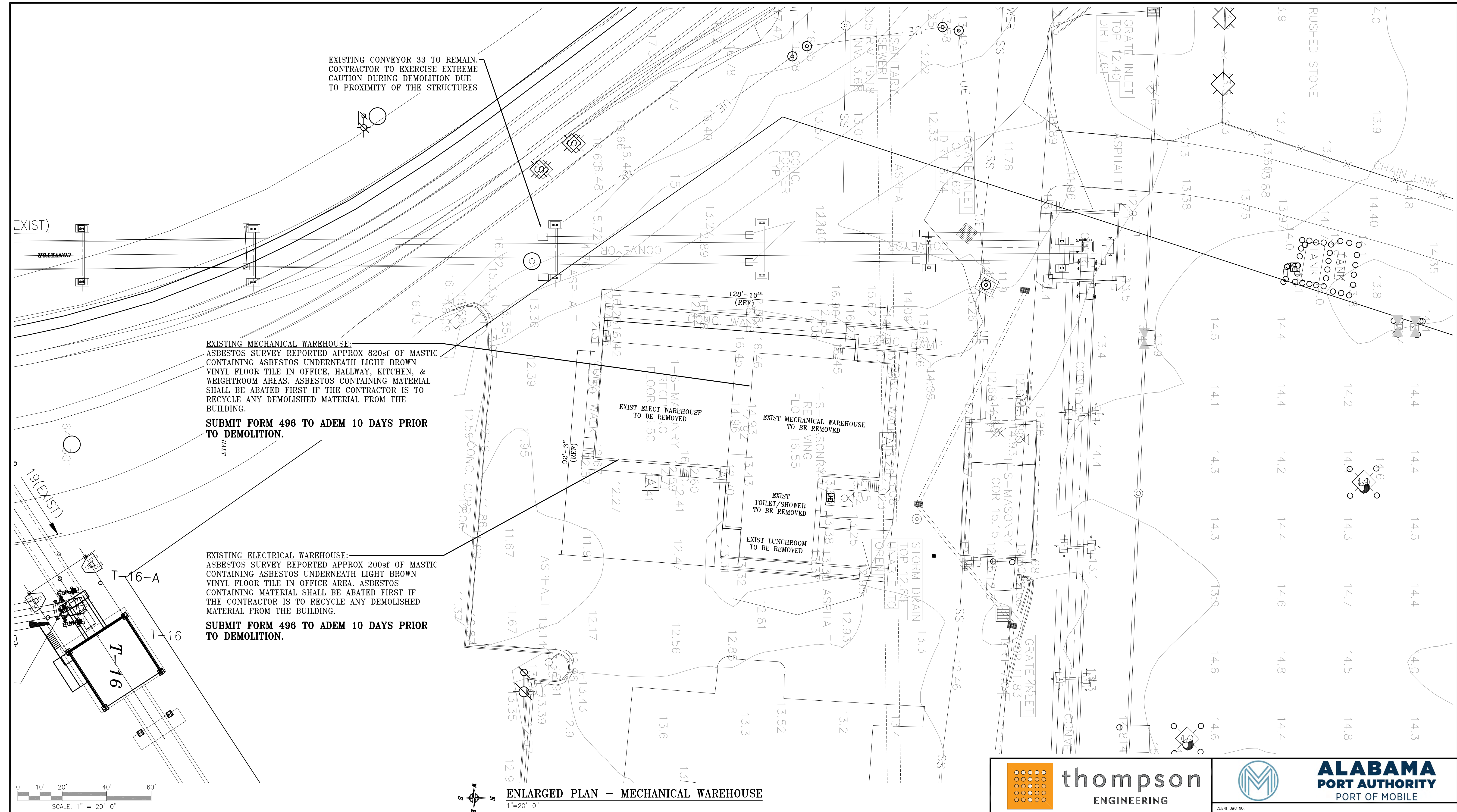
NOTES

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SEE DRAWING G1 FOR LIST OF REFERENCE DRAWINGS					



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CLIENT DWG NO:	McDUFFIE TERMINAL IMPROVEMENTS
	NEW FABRICATION SHOP/OFFICE DEMO PACKAGE
	PROJECT SITE LOCATION PLAN & VICINITY MAP
FOR:	ALABAMA PORT AUTHORITY
PROJECT NO:	4617
DWG NO:	G3
REV:	E



EXISTING CONVEYOR 33 TO REMAIN. CONTRACTOR TO EXERCISE EXTREME CAUTION DURING DEMOLITION DUE TO PROXIMITY OF THE STRUCTURES

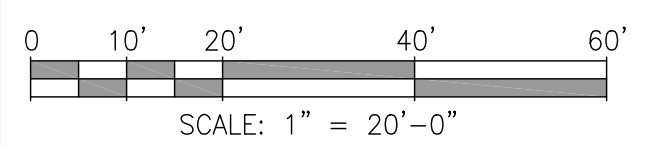
EXISTING MECHANICAL WAREHOUSE: ASBESTOS SURVEY REPORTED APPROX 820sf OF MASTIC CONTAINING ASBESTOS UNDERNEATH LIGHT BROWN VINYL FLOOR TILE IN OFFICE, HALLWAY, KITCHEN, & WEIGHTROOM AREAS. ASBESTOS CONTAINING MATERIAL SHALL BE ABATED FIRST IF THE CONTRACTOR IS TO RECYCLE ANY DEMOLISHED MATERIAL FROM THE BUILDING.

SUBMIT FORM 496 TO ADEM 10 DAYS PRIOR TO DEMOLITION.

EXISTING ELECTRICAL WAREHOUSE: ASBESTOS SURVEY REPORTED APPROX 200sf OF MASTIC CONTAINING ASBESTOS UNDERNEATH LIGHT BROWN VINYL FLOOR TILE IN OFFICE AREA. ASBESTOS CONTAINING MATERIAL SHALL BE ABATED FIRST IF THE CONTRACTOR IS TO RECYCLE ANY DEMOLISHED MATERIAL FROM THE BUILDING.

SUBMIT FORM 496 TO ADEM 10 DAYS PRIOR TO DEMOLITION.

ENLARGED PLAN - MECHANICAL WAREHOUSE
1"=20'-0"



McDUFFIE TERMINAL IMPROVEMENTS
NEW FABRICATION SHOP/OFFICE DEMO PACKAGE
ENLARGED PLAN - MECHANICAL WAREHOUSE

DEMOLITION NOTES:

- SEE DRAWING G2 FOR PROJECT NOTES AND REFERENCE DRAWING INDEX.

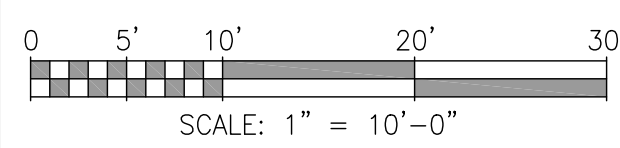
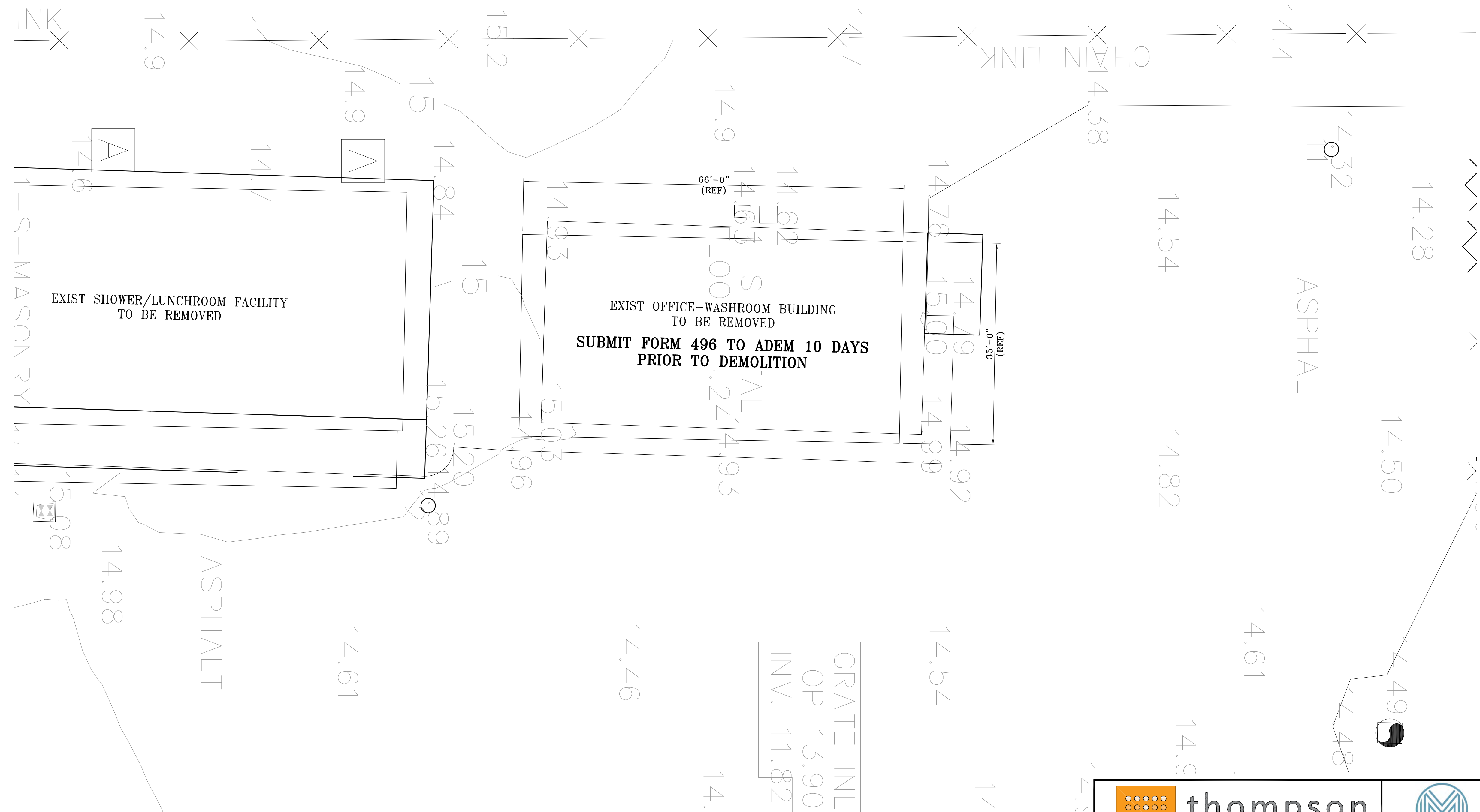
DEMOLITION REQUIRED:

- BUILDING ROOF, ALL WALLS, INTERNAL COMPONENTS AND FEATURES.
- CONCRETE FOUNDATION INCLUDING SLAB, CONCRETE GRADE BEAMS, AND (102) 10" Ø STEEL PIPE PILES FILLED WITH CONCRETE 54'-0" LONG.
- PERIMETER CONCRETE SIDEWALK, STAIRS, HANDRAIL.

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McDUFFIE TERMINALS PLANT EXPANSION - (1981). MAIN ENTRANCE GUARD STATION, ELECTRICAL & MECHANICAL WAREHOUSE/SHOPS, AND TOILET/SHOWER/LUNCHROOM FACILITIES					
REFERENCE DRAWINGS					

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FOR: ALABAMA PORT AUTHORITY



ENLARGED PLAN - OFFICE-WASHROOM BUILDING
 1"=10'-0"



CLIENT DWG NO:
 McDUFFIE TERMINAL IMPROVEMENTS
 NEW FABRICATION SHOP/OFFICE DEMO PACKAGE
 ENLARGED PLAN - OFFICE-WASHROOM BUILDING

NOTES

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McDUFFIE TERMINALS - (1991) OFFICE-WASHROOM BUILDING, PARKING SHED, & ELEC. WAREHOUSE LOADING DOCK EXTENSION	A	30% DESIGN REVIEW	JLH	JEJ	RSG	04-11-25	
REFERENCE DRAWINGS	NO.	REVISION	DRAWN	CK'D	APPD	DATE	

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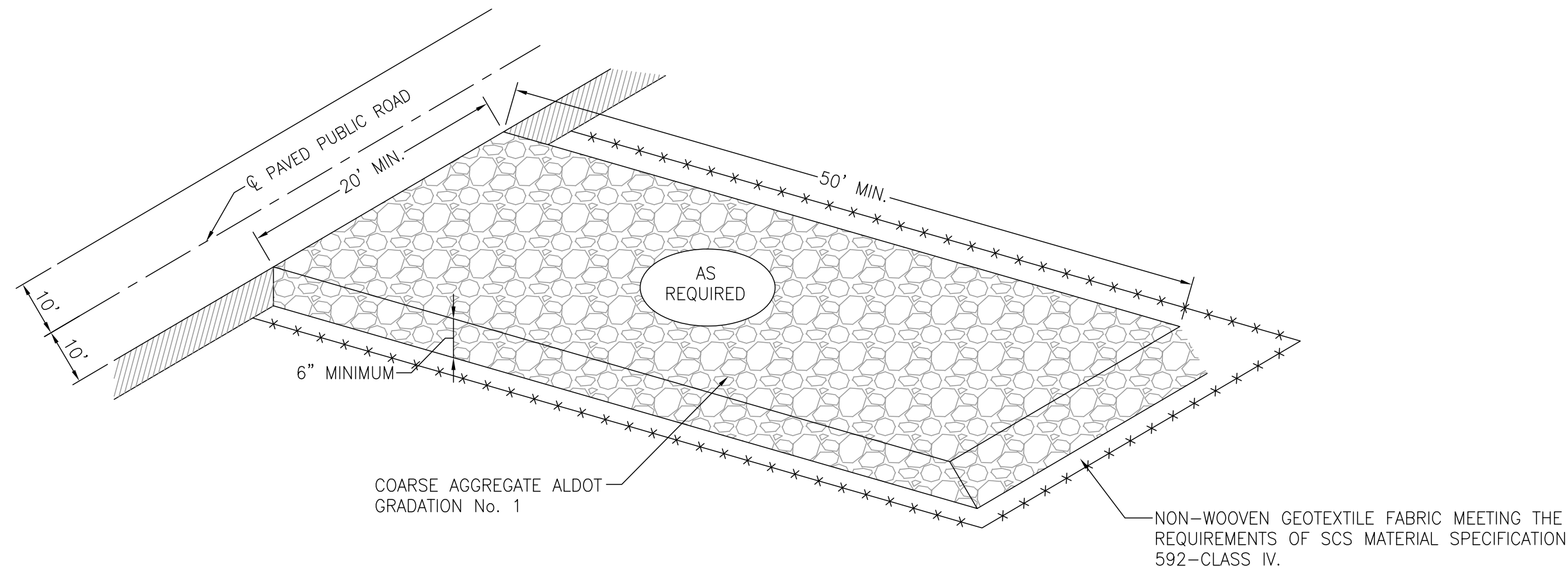
DRAWN: JLH CK'D: JEJ APPD: RSG DATE: 11-05-24 SCALE: 1"=10'

FOR: ALABAMA PORT AUTHORITY

PROJECT NO: 4617 DWG NO: G6 REV: E

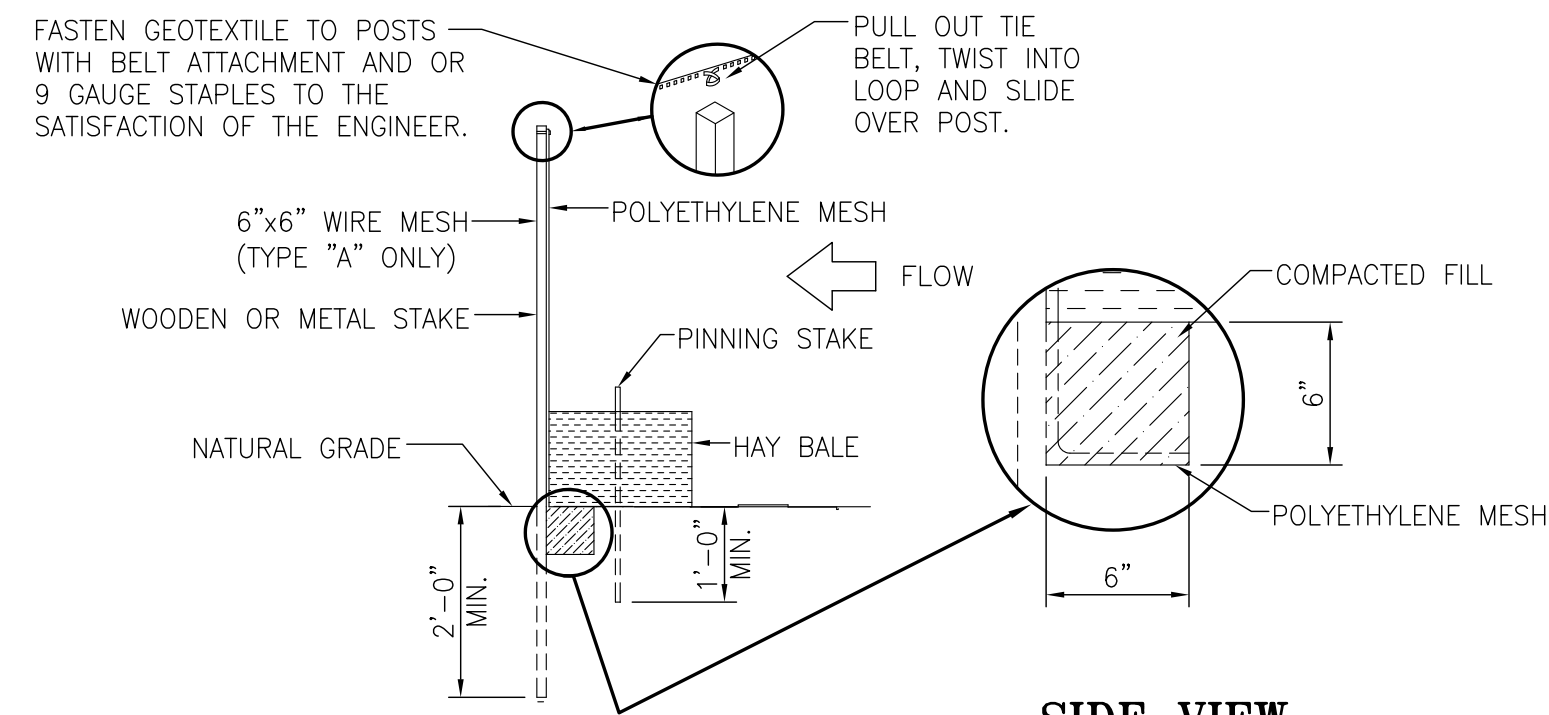
GENERAL NOTES

1. SILT FENCES AND HAY BALES SHALL BE IN PLACE BEFORE ANY OTHER WORK IS PERFORMED.
2. SILT FENCES SHALL BE MAINTAINED AT ALL TIMES UNTIL PROJECT IS ACCEPTED.
3. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS, THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
4. SILT FENCE SHOULD BE PLACED AS REQUIRED OR AS DIRECTED BY THE ENGINEERS.
5. WHENEVER POSSIBLE SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
6. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.
7. RING FASTENERS USED TO SECURE GEOTEXTILES SHALL BE 13 GA (AMERICAN).
8. IF WOODEN POSTS ARE USED, STAPLES FOR SECURING WOVEN WIRE TO POSTS SHALL BE 9 GAUGE, GALVANIZED, 1 1/2" LONG, 5/POST @ APPROX. 1'-0" O.C.
9. WOVEN WIRE TO BE 12 1/2 GAUGE (MIN).



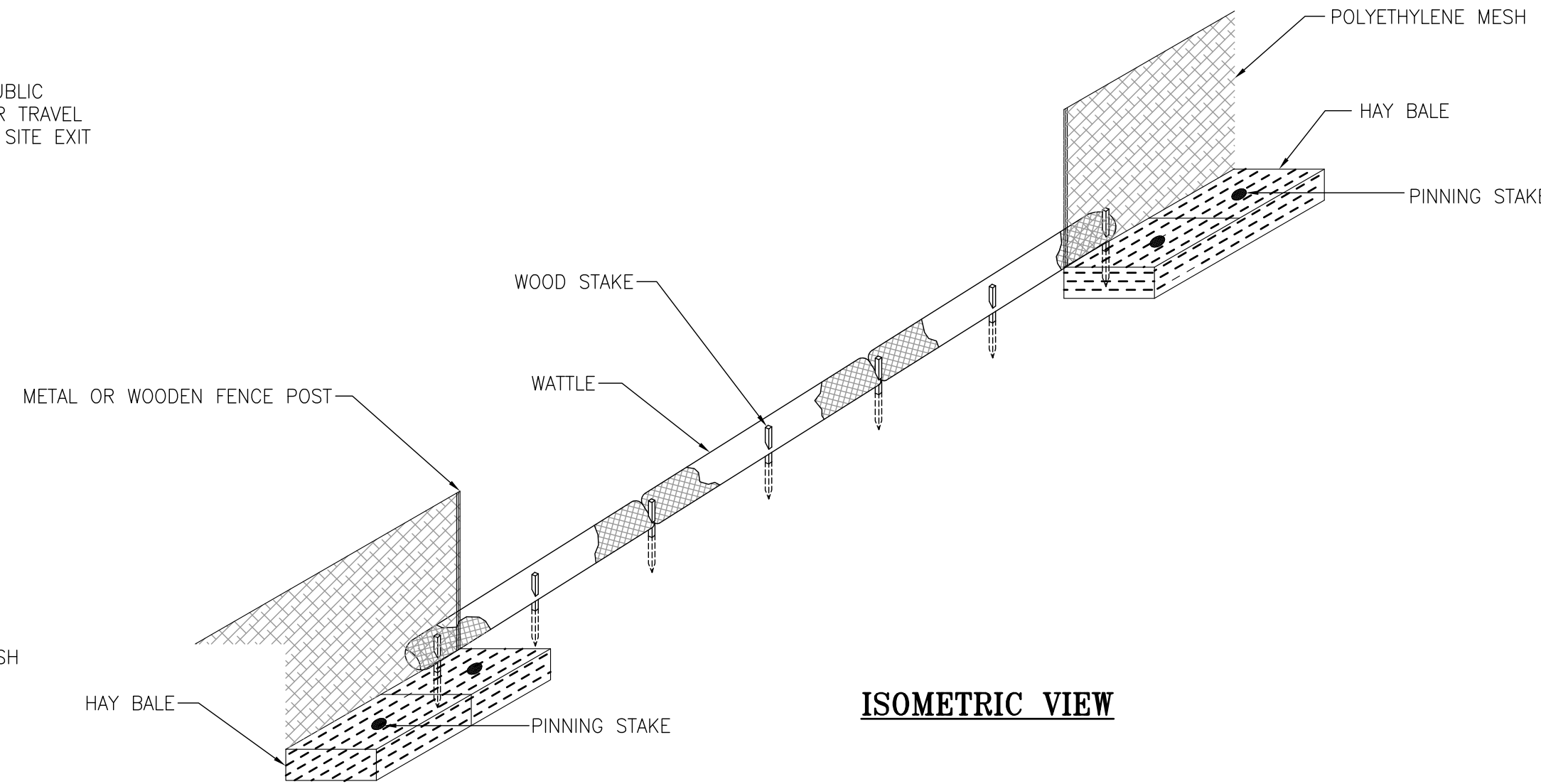
CONSTRUCTION EXIT

MAINTENANCE:
THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN SUCH A WAY TO PREVENT THE MOVEMENT OF MUD INTO PUBLIC TRAVEL WAYS. AGGREGATE SHOULD BE ADDED TO THE PAD WHENEVER IT WILL NOT SERVE AS AN ALL WEATHER TRAVEL WAY FOR THE CONSTRUCTION VEHICLES. CONSTRUCTION EXIT PROTECTIVE MEASURES SHALL BE USED AT ANY SITE EXIT LOCATION AND SHALL NOT BE LIMITED TO LOCATION SHOWN.

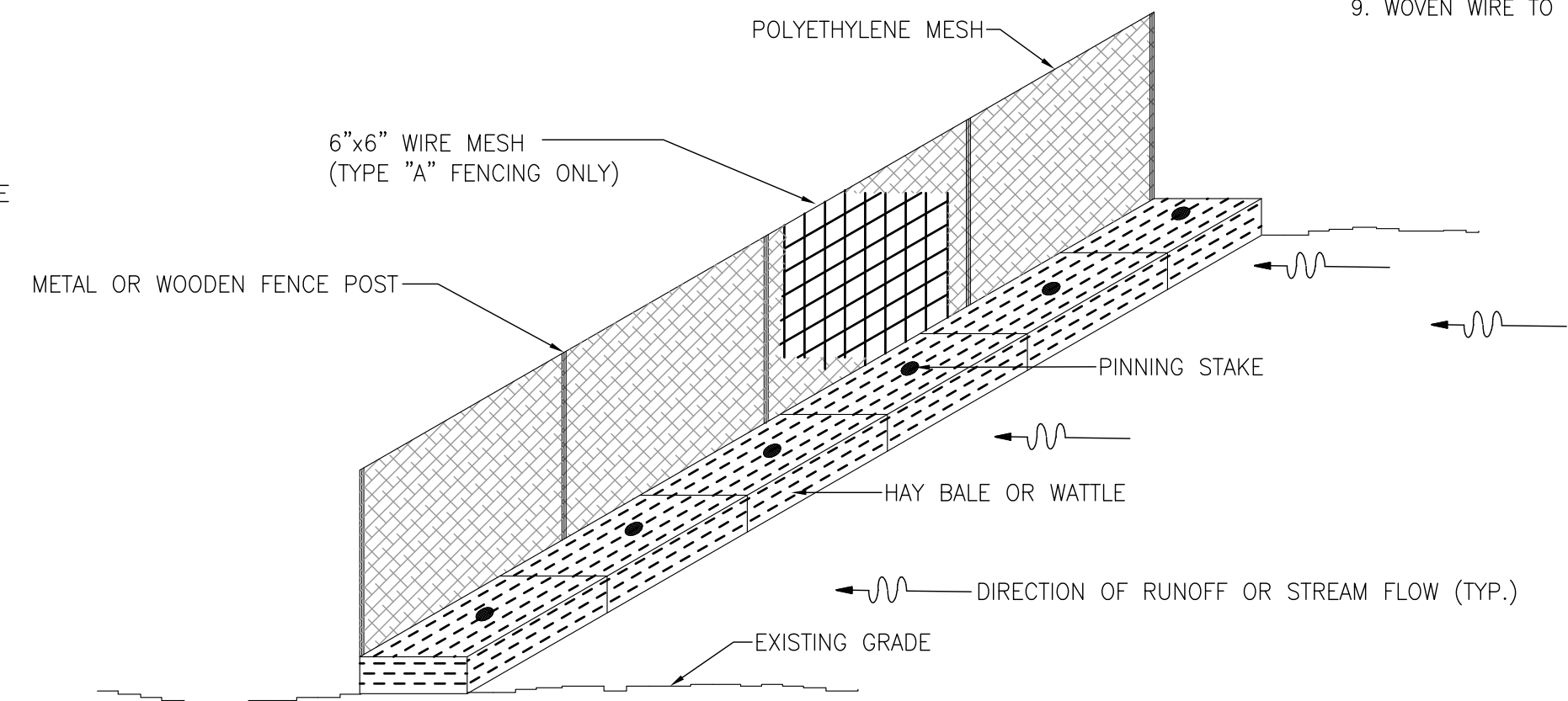


SECTION
N.T.S.

SIDE VIEW



ISOMETRIC VIEW

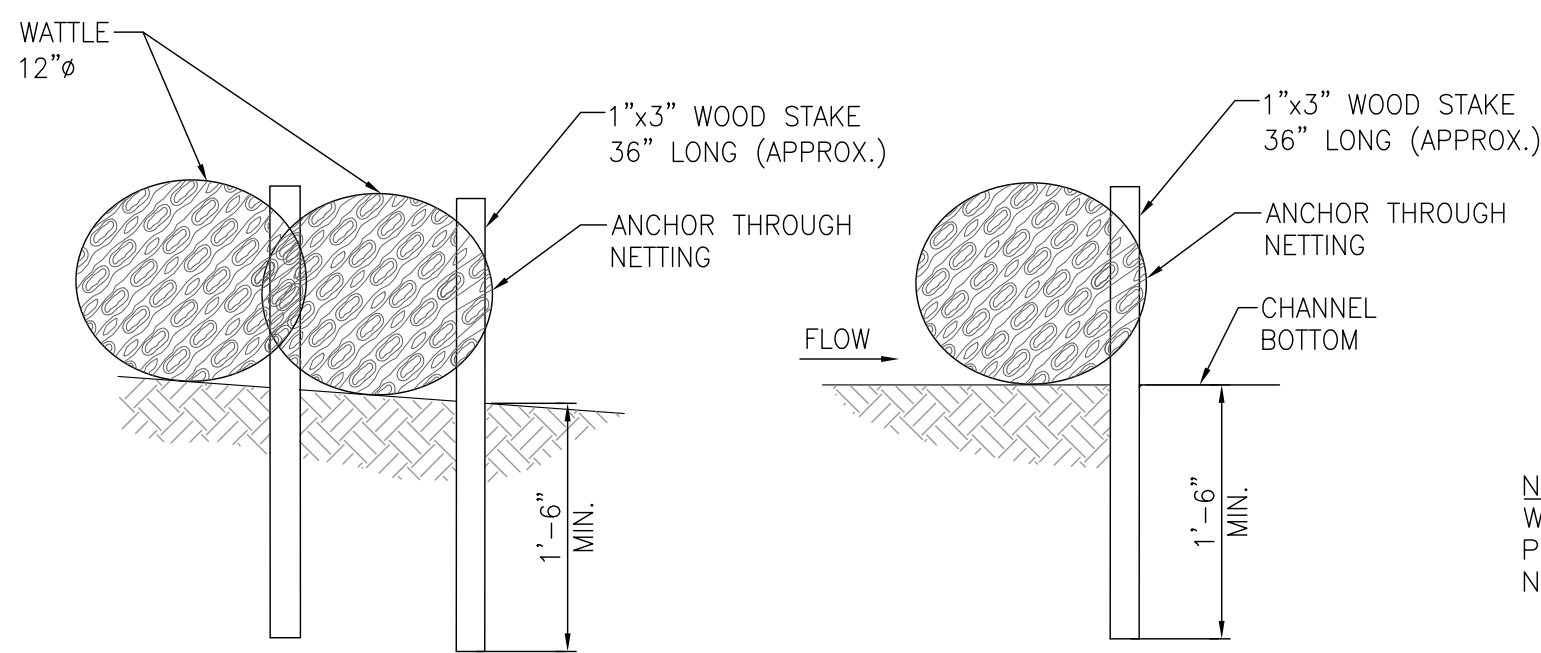


ISOMETRIC VIEW

NOTE: ANY SILT FENCING THAT PROTECTS ADJACENT WETLANDS MUST BE TYPE "A" SILT FENCING ONLY.

SEDIMENT/SILT DETAIL
N.T.S.

WATTLE AND SILT FENCE JOINING DETAIL
N.T.S.



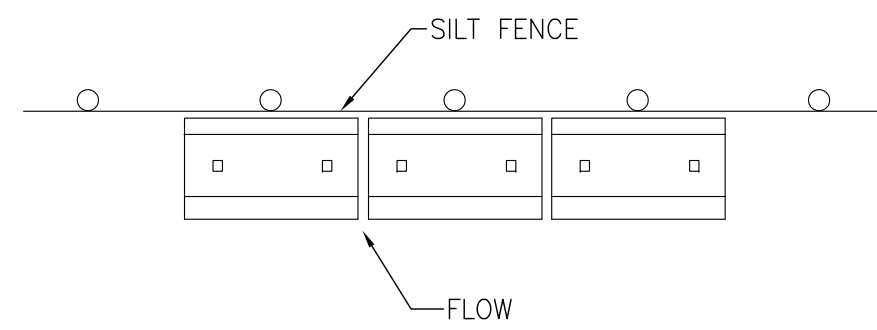
STAKE DETAIL
N.T.S.

STAKE DETAIL
N.T.S.

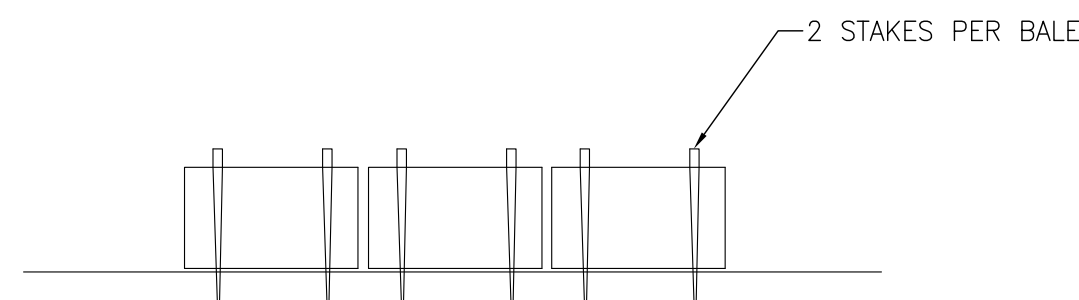
NOTE:
WOOD STAKE SHOULD PENETRATE NETTING ONLY, NOT CURLEX MATERIAL.

EXCELSIOR WATTLE DETAILS

NOTES: COST OF WOOD STAKES OR EQUAL SHALL BE INCLUDED IN COST OF WATTLES.



PLAN - HAY BALES
N.T.S.



ELEVATION - HAY BALES
N.T.S.



CLIENT DWG NO:
McDUFFIE TERMINAL IMPROVEMENTS
NEW FABRICATION SHOP/OFFICE DEMO PACKAGE
EROSION CONTROL DETAILS & NOTES

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FOR: ALABAMA PORT AUTHORITY

NOTES	NO.	REVISION	DRAWN	CK'D	APPD	DATE
	E	ISSUED FOR BID	JLH	JEJ	RSG	01-14-26
	D	100% DESIGN REVIEW	JLH	JEJ	RSG	09-09-25
	C	95% DESIGN REVIEW	JLH	JEJ	RSG	08-08-25
	B	60% DESIGN REVIEW	JLH	JEJ	RSG	06-10-25
	A	30% DESIGN REVIEW	ECW	JEJ	RSG	04-11-25
		REFERENCE DRAWINGS				

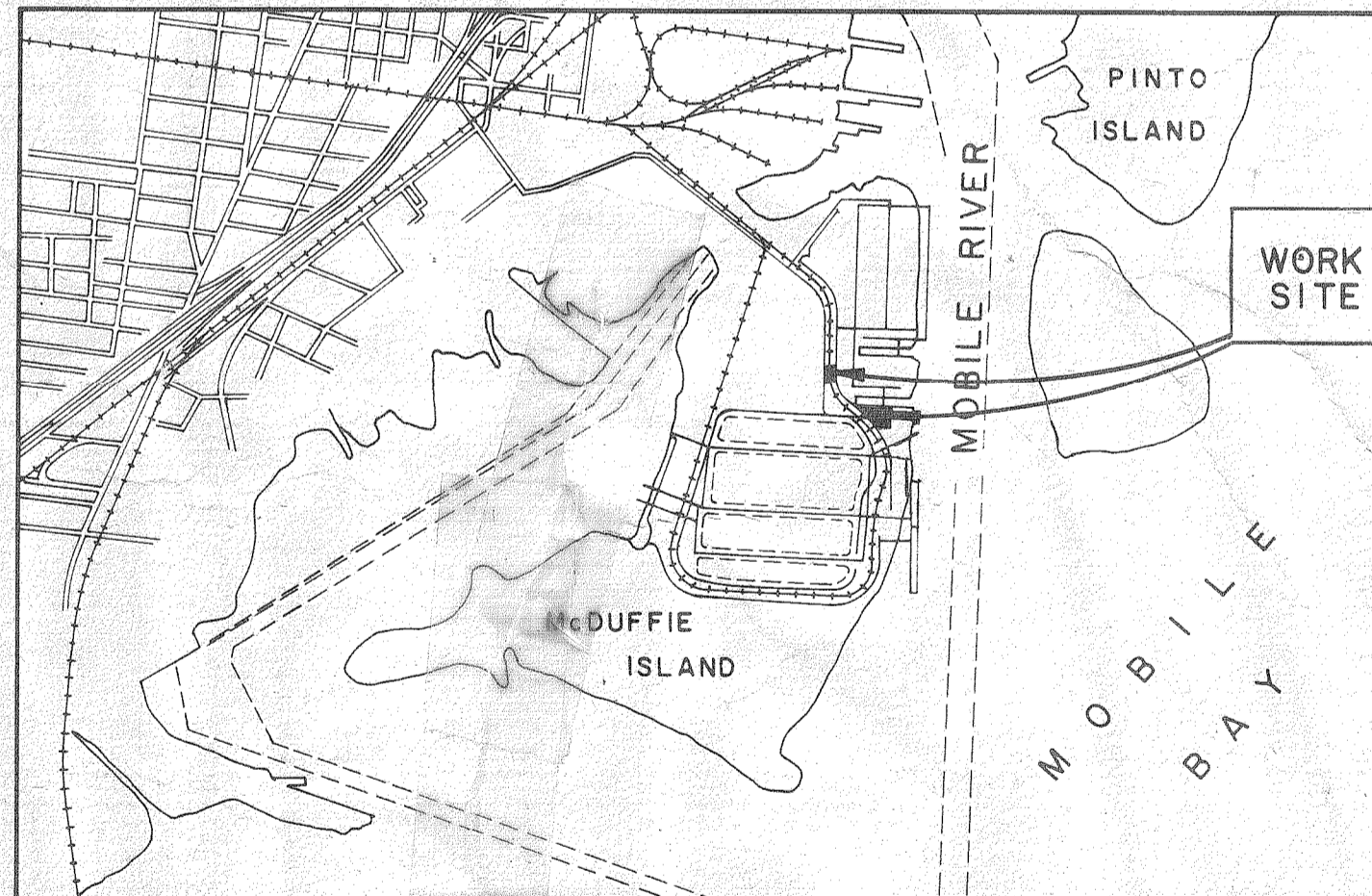
PROJECT NO: 4617 DWG NO: G8 REV: E

McDUFFIE TERMINALS PLANT EXPANSION MAIN ENTRANCE GUARD STATION, ELECTRICAL & MECHANICAL WAREHOUSE/SHOPS, AND TOILET/SHOWER/LUNCHROOM FACILITIES

SPEC. No. 438

ISSUED BY

THE INDUSTRIAL DEVELOPMENT
 BOARD OF THE
 CITY OF MOBILE, ALABAMA
 (ALABAMA STATE DOCKS
 DEPARTMENT PROJECT)



VICINITY MAP

PREPARED AND RECOMMENDED BY
DAVID VOLKERT & ASSOC.
 ARCHITECTS/ENGINEERS

APPROVED *Richard C. Vetter* DATE 9/25/81

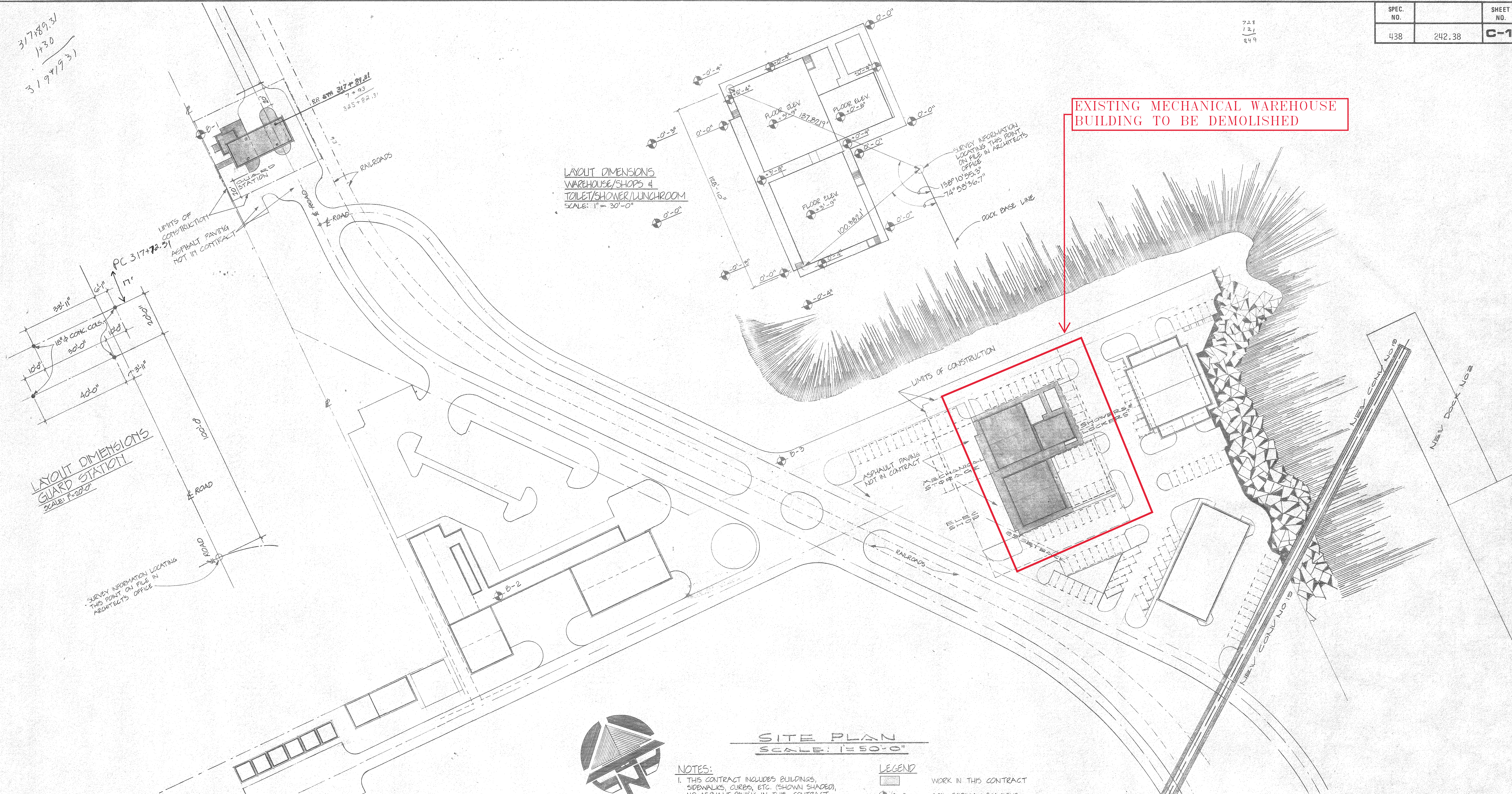
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E-5	SCHEDULES & LEGENDS - WAREHOUSE/SHOPS & TOILET/SHOWER/ LUNCHROOM

31789.31
1430
31949.31

SPEC. NO.	SHEET NO.
438	242.38
	C-1

728
131
849



EXISTING MECHANICAL WAREHOUSE BUILDING TO BE DEMOLISHED

LAYOUT DIMENSIONS
WAREHOUSE/SHOPS &
TOILET/SHOWER/LUNCHROOM
SCALE: 1" = 30'-0"

LAYOUT DIMENSIONS
GUARD STATION
SCALE: 1" = 20'-0"

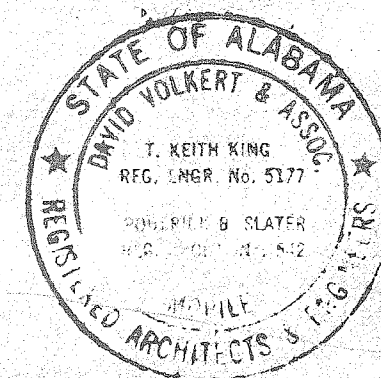
SITE PLAN
SCALE: 1" = 50'-0"

- NOTES:**
1. THIS CONTRACT INCLUDES BUILDINGS, SIDEWALKS, CURBS, ETC. (SHOWN SHADED), NO ASPHALT PAVING IN THIS CONTRACT.
 2. SITE UTILITIES - SEE ELECTRICAL & PLUMBING SPECS & DRAWINGS FOR LIMITATIONS OF WORK TO BE DONE THIS CONTRACT.

For Warehouse, Toilet, Shower/Lunchroom
O.O. = 74.0 MLW.

JK
11/9/84

- LEGEND**
- [Shaded Area] WORK IN THIS CONTRACT
 - [Circle with crosshair] SOIL BORING LOCATIONS (PREVIOUSLY COMPLETED), SOIL BORING INFORMATION ON FILE IN OFFICE OF ARCHITECT.
 - [Circle with 'P'] PROPERTY LINE
 - [Outline] BUILDINGS IN FUTURE CONTRACTS

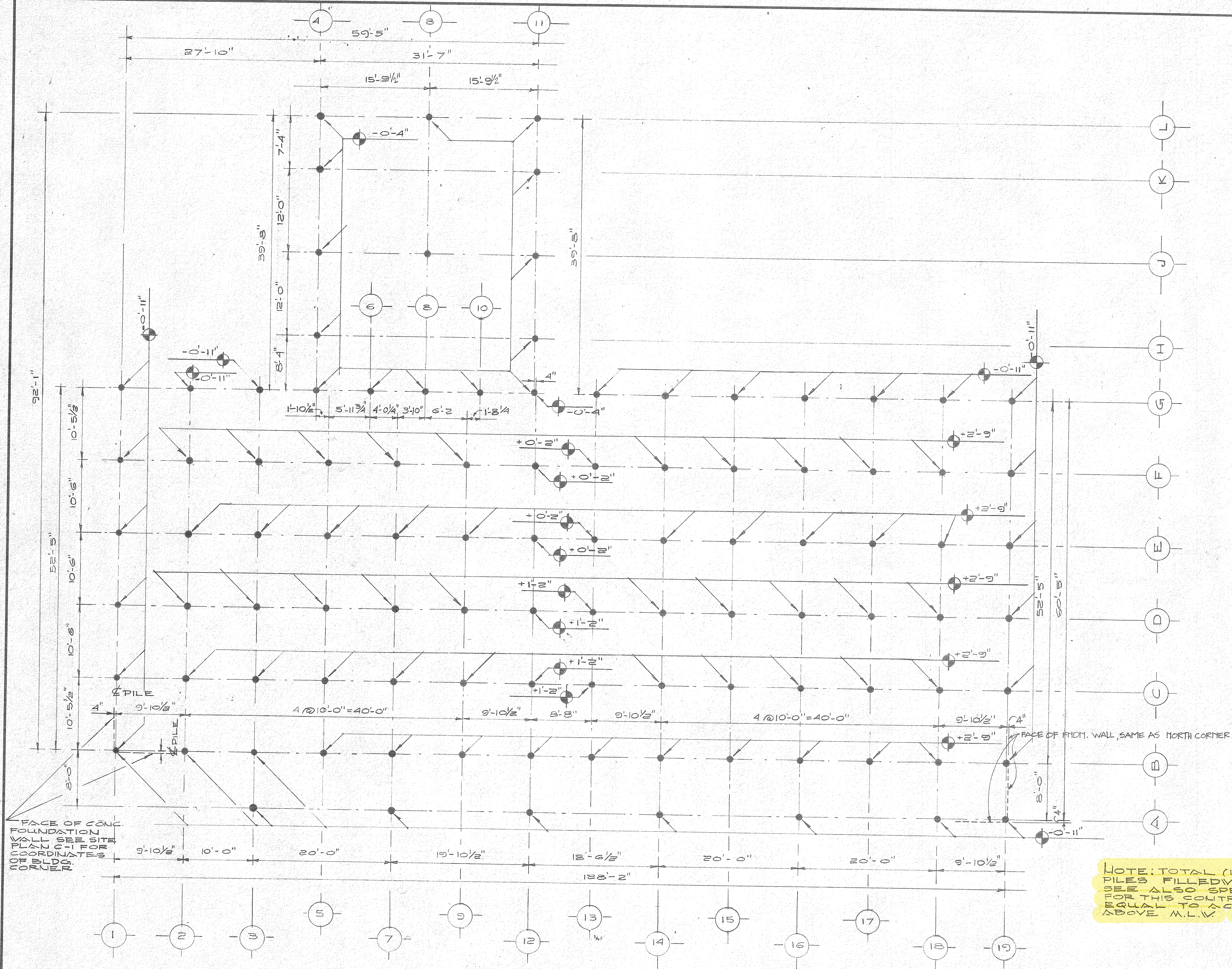


THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

SITE PLAN
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED	DATE	9/20/81
CHECKED		
TRACED		
CHECKED		

REFERENCE ONLY



ALL EXISTING PILES TO BE REMOVED

NOTE: TOTAL (102)-10" Ø STEEL PIPE PILES FILLED WITH CONC. 34'-0" LONG, SEE ALSO SPECS. FOR THIS CONTRACT ELEV. 0'-0" IS ABOVE TO ACTUAL ELEV. 16'-0" ABOVE M.L.W.

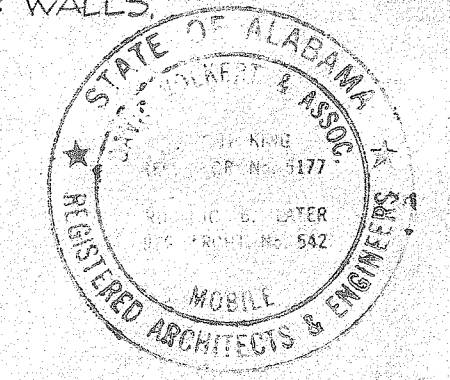
FACE OF CONC. FOUNDATION WALL SEE SITE PLAN FOR COORDINATES OF BUILDING CORNER

FACE OF FOUND. WALL SAME AS NORTH CORNER

PILE DRIVING PLAN
SCALE: 1/8" = 1'-0"

NOTE: ALL PILE DRIVING WORK SHALL BE PERFORMED UNDER SEPARATE CONTRACT. THIS SHEET INCLUDED FOR INFORMATION ONLY. THIS CONTRACTOR SHALL BEGIN HIS WORK W/ PILE CAPS AND/OR FOUND. WALLS.

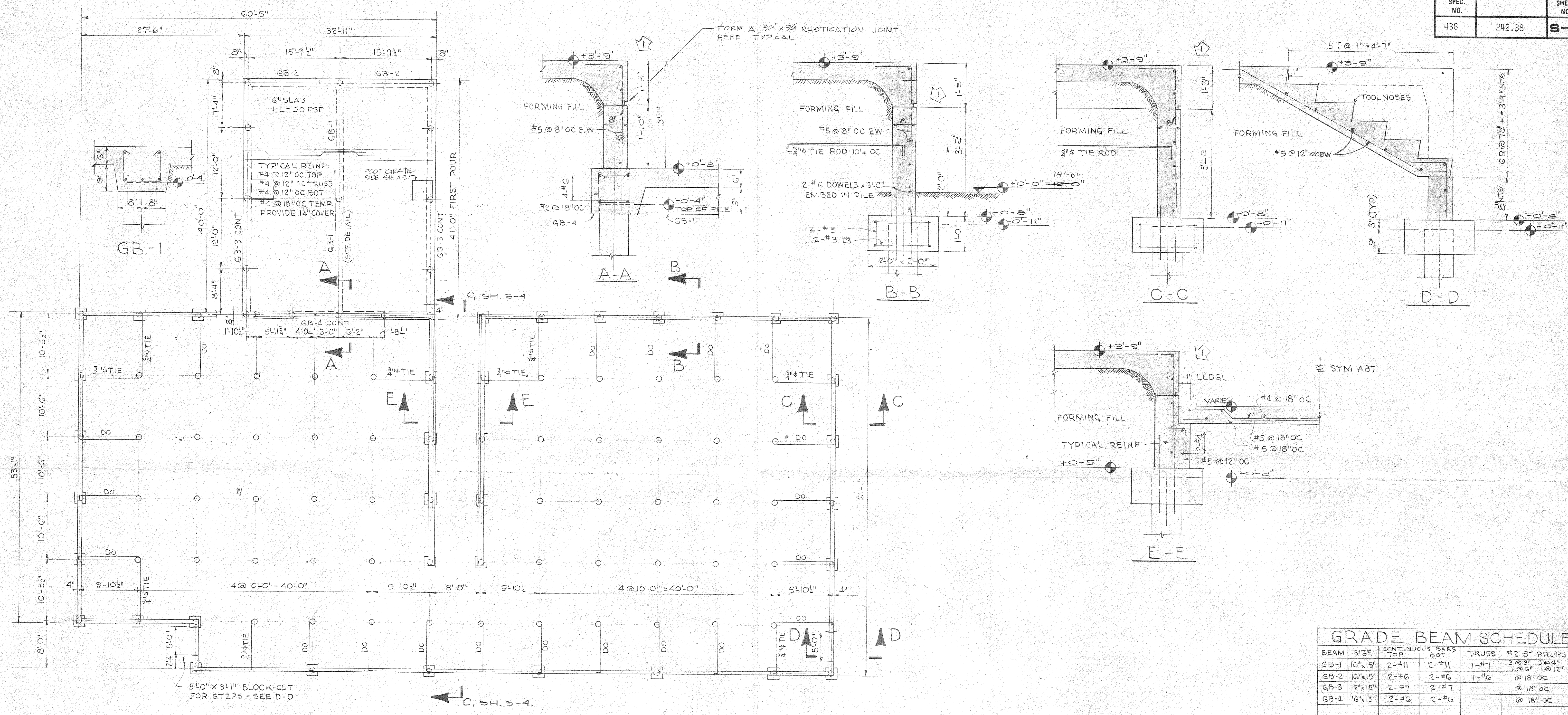
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THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

PILE DRIVING PLAN
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED	DATE	DETAILED	TRACED
CHECKED	9/25/31	CHECKED	CHECKED
REVISIONS			

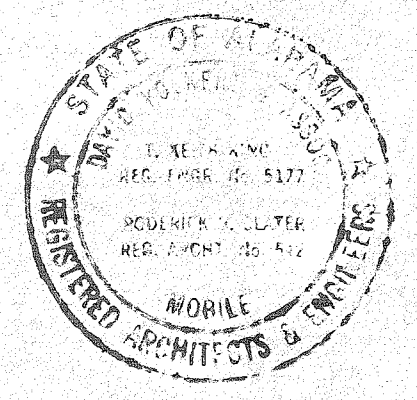


FOUNDATION PLAN
 1/8" = 1'-0"

GRADE BEAM SCHEDULE				
BEAM	SIZE	CONTINUOUS BARS TOP	CONTINUOUS BARS BOT	#2 STIRRUPS
GB-1	16"x15"	2-#11	2-#11	1-#7 @ 12" @ 12" @ 12"
GB-2	16"x15"	2-#6	2-#6	1-#6 @ 18" OC
GB-3	16"x15"	2-#7	2-#7	@ 18" OC
GB-4	16"x15"	2-#6	2-#6	@ 18" OC

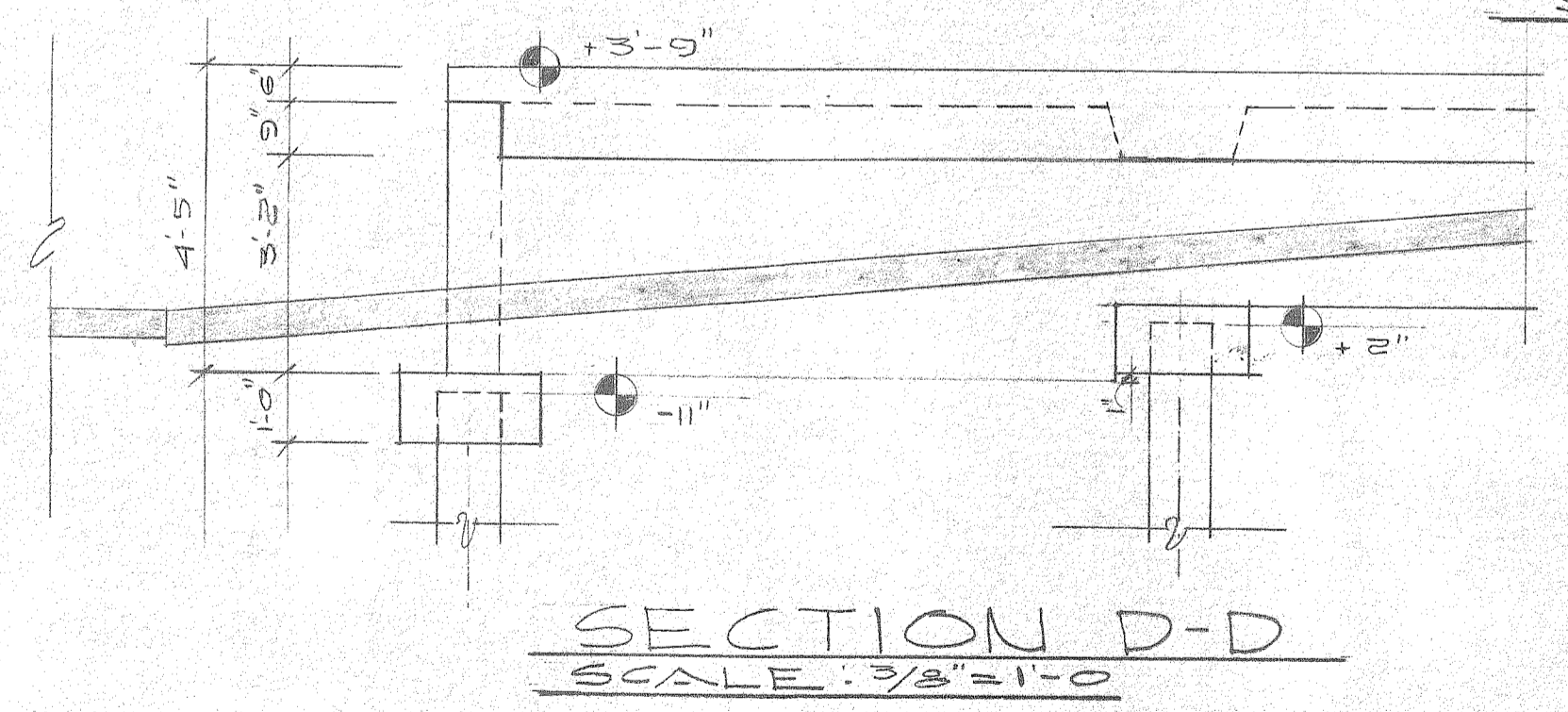
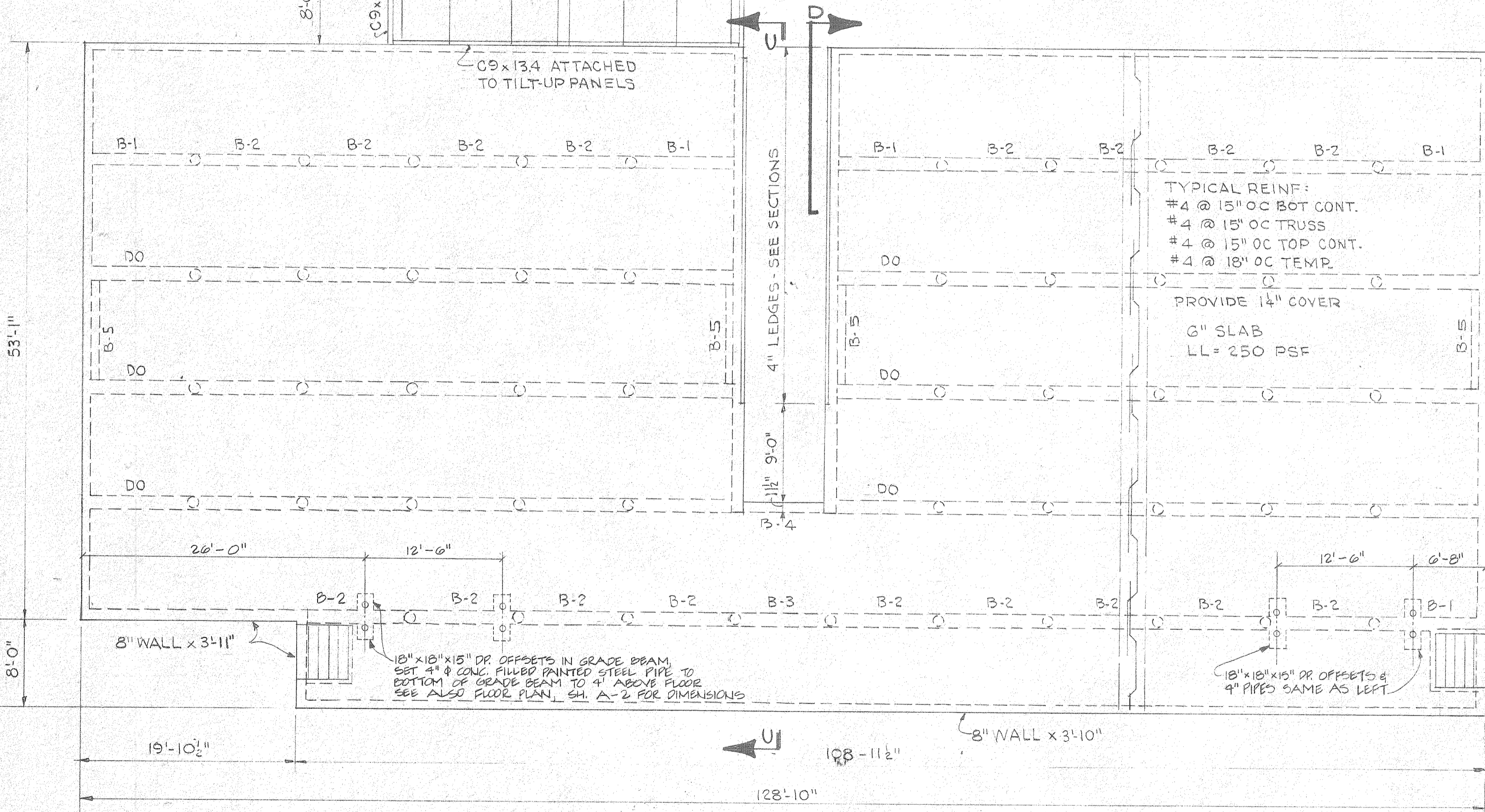
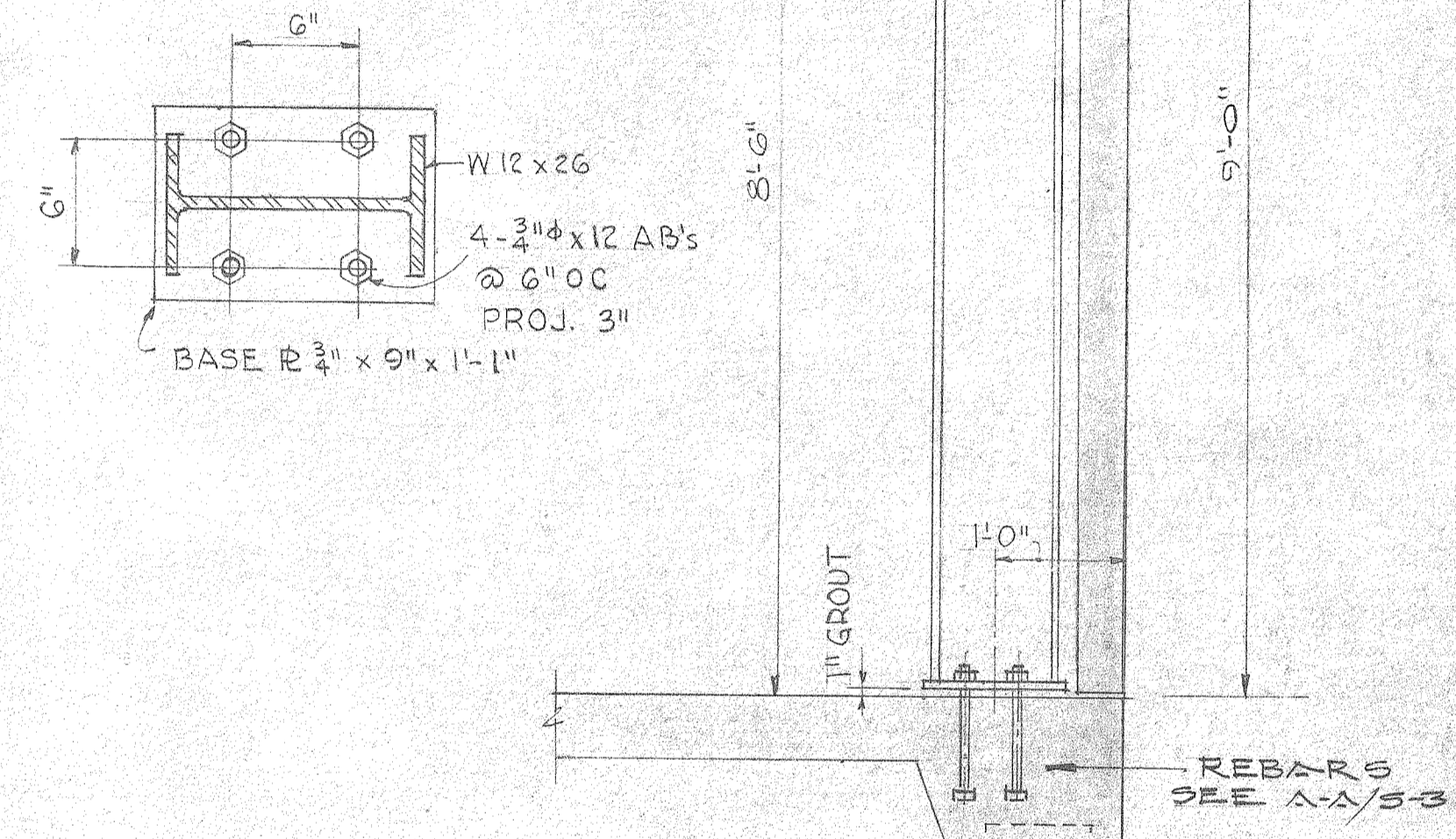
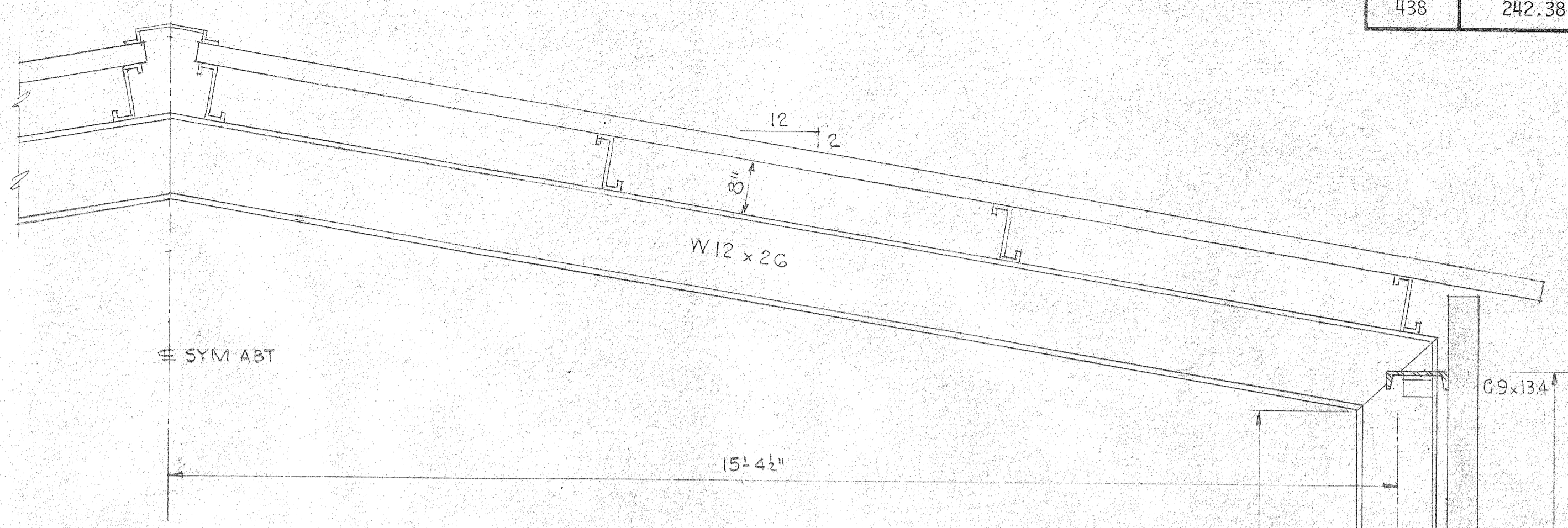
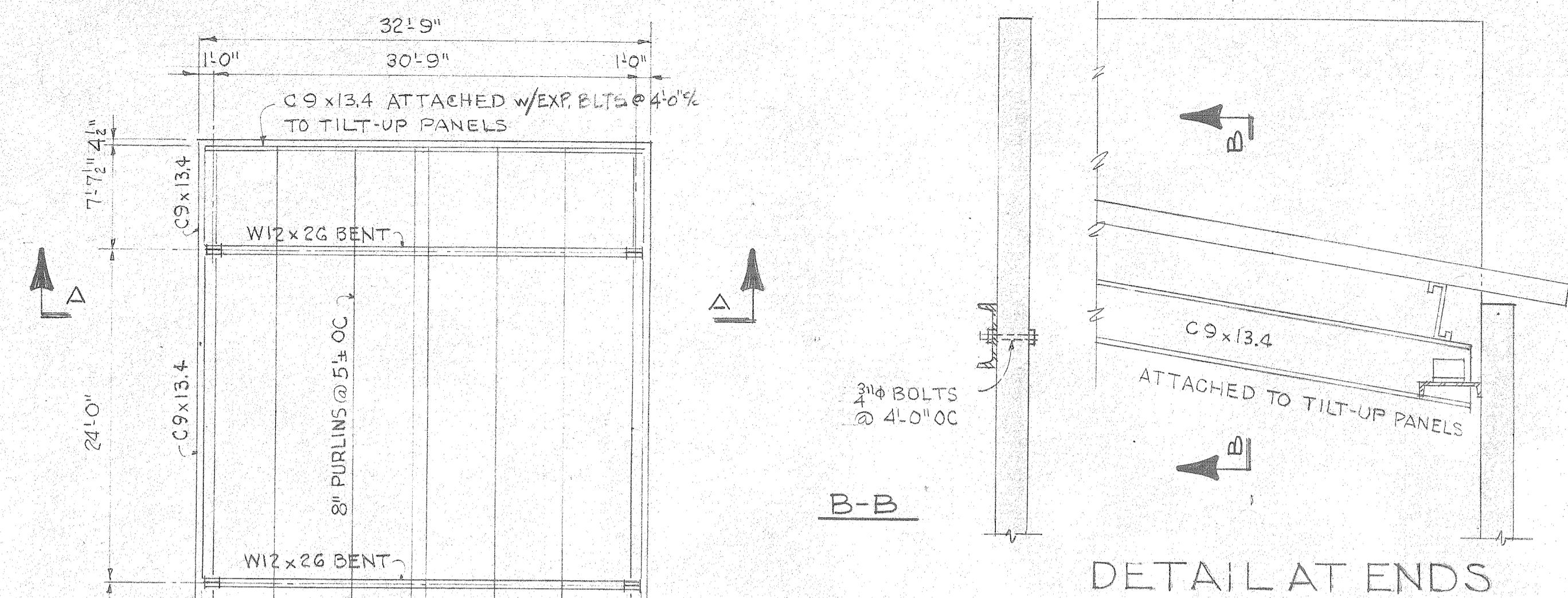
NOTE:
 SCALE - 3/8" = 1'-0" EXCEPT AS SHOWN

REFERENCE ONLY

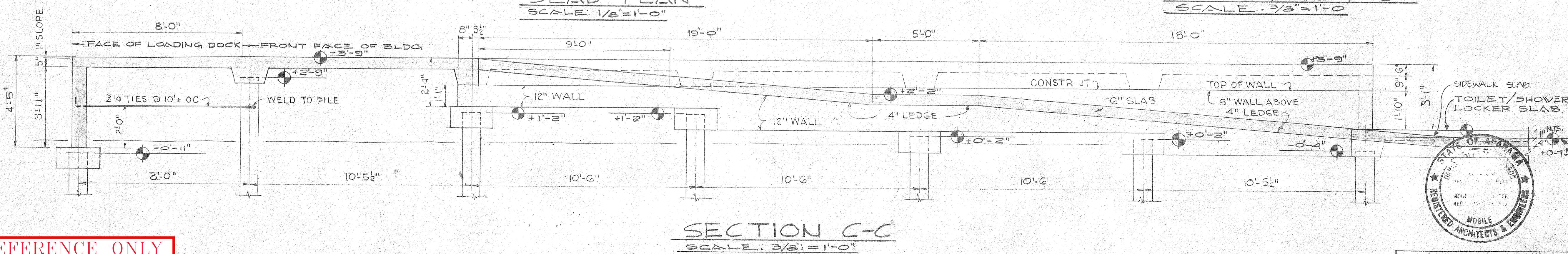


THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
 FOUNDATION PLAN
DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

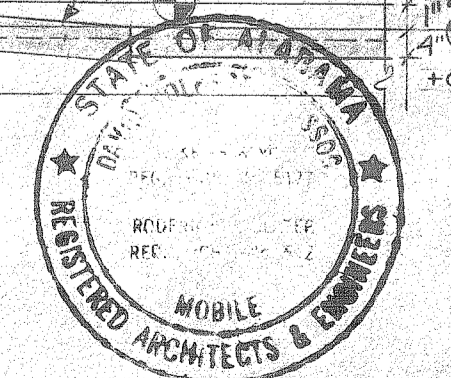
DESIGNED	DATE	Detailed	Traced
CHECKED	9/30/51	CHECKED	CHECKED
REVISIONS	DATE	9/25/51	



BEAM SIZE	CONTINUOUS BARS TOP	BOT	TRUSS	STIRRUPS
B-1	16" x 15"	1-#6	2-#6	1-#8
B-2	16" x 15"	1-#6	2-#6	1-#6
B-3	16" x 15"	1-#6	2-#6	1-#6
B-4	11 1/2" x 15"	1-#6	2-#6	1-#6
B-5	16" x 15"	—	2-#7	—



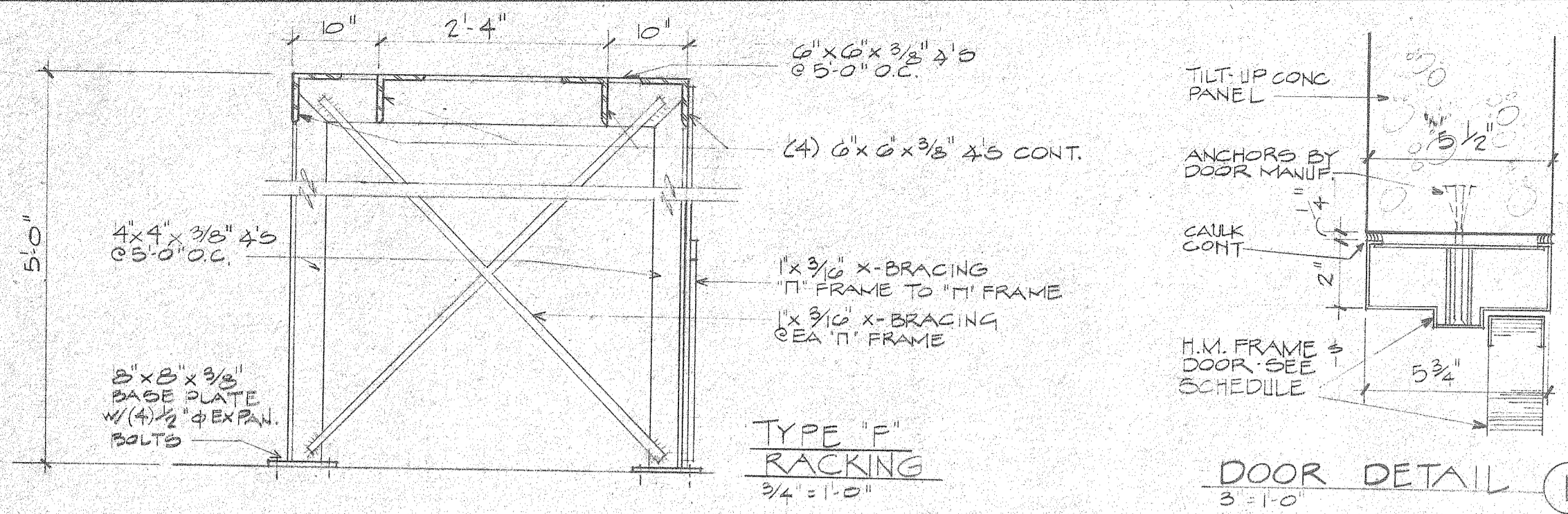
REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
 STRUCTURAL SLAB PLAN & SECTION/ROOF FRAMING PLAN

DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS		
DESIGNED	DETAILED	TRACED
CHECKED	CHECKED	CHECKED
DATE 9/25/81		

SPEC. NO.	SHEET NO.
438	A-2



PAINT SCHEDULE

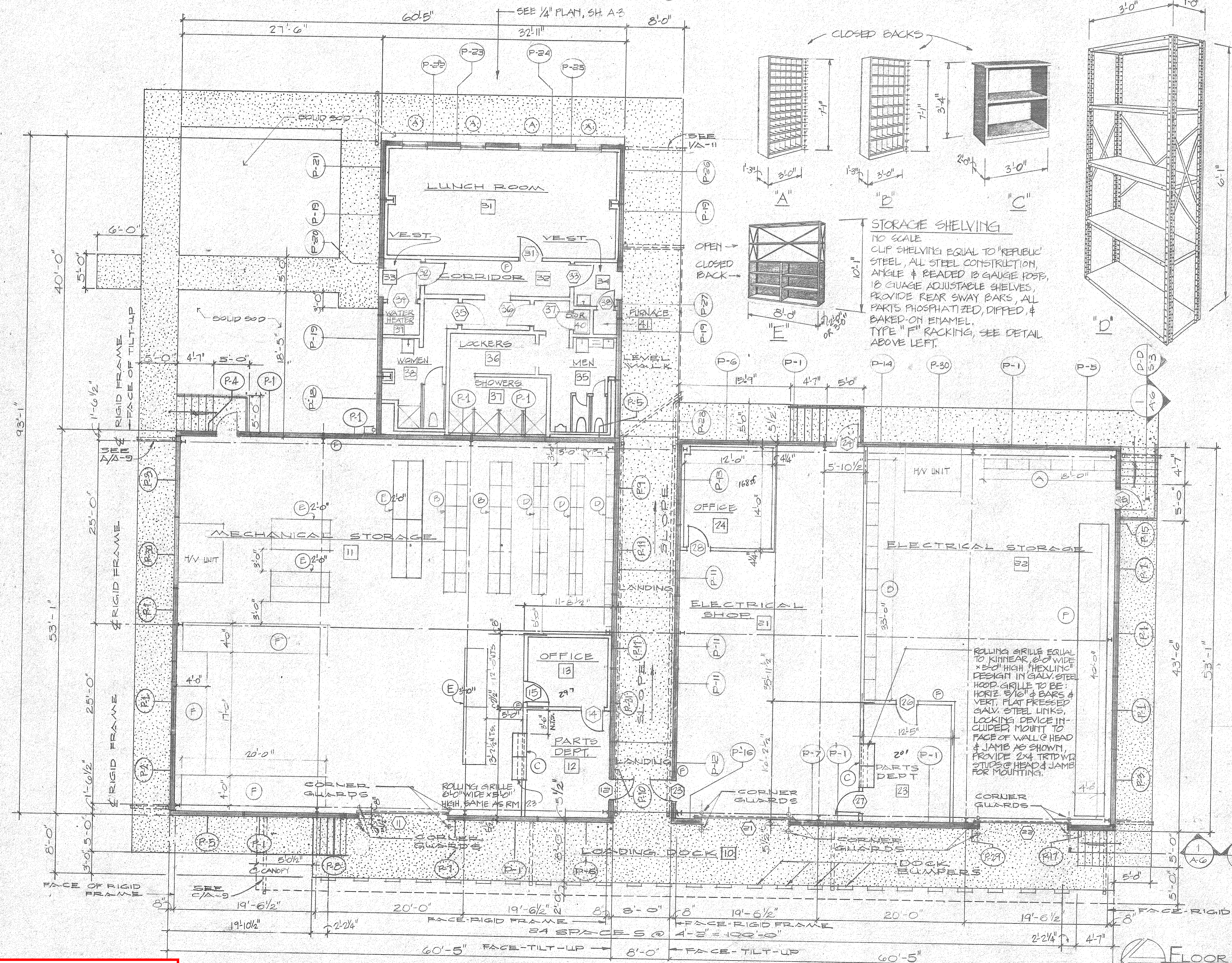
MARK	1ST COAT	2ND COAT	3RD COAT	4TH COAT
A	PRIMER SEALER	SEMI-GLOSS POLY-ESTER EPOXY		
B	FACTORY PRIMER	TILT-UP PRIMER	BARRIER COAT (SEE SPECS)	SEMI-GLOSS POLY-ESTER EPOXY

WINDOW SCHEDULE

MARK	DESCRIPTION
A	3'-4" W X 5'-4" H ALUMINUM BRONZE ANODIZED, PUSH BUTTON OPERATED AWNING TYPE WINDOW EQUAL TO SUPERIOR WINDOW CO. (4) SASHES, SHALL SWING OUT FROM HINGED TOP. SEE ALSO SPECS.

ROOM FINISHES

ROOMS	FLOOR	BASE	WALLS	CEILING		REMARKS
				MAT'L'S	MTG	
10	LOADING DOCK, RAMP & STAIRS					* 12'-0" TO 11'-10" CLG. HT. @ LOADING DOCK.
11, 12	MECH. STORAGE, PARTS DEPT					* 3" X 12" ONLY
13, 14	OFFICE, STAND, OFFICE					* AT RM 1 & 5 EPOXY PAINT ON HM, EXPOSED CLG. NO GYP. BLDG. AT RM 13 - USE HEAVY GAGE JOISTS, ETC.
21-22	ELEC. SHOP & STORAGE					* VARIES * SAME AS 11 & 12, BASE ON GYP. BD. WALLS ONLY
23, 24	PARTS DEPT., OFFICE					
25, 26	LUNCHROOM, CORRIDOR, ETC.					* * 2 1/2" @ 31, 2'-0" @ 2, 3, 4, 32
27-28	MEN, LOCKERS					* @ LOCKERS - DEX-O-TEX, SEE SPECS
29-30	SHOWERS, WOMEN					* @ SHOWERS - DEX-O-TEX, SEE SPECS
31-34	VESTIBULES					
35	WATER HEATER ROOM					* NO PAINT
40, 41	STORAGE, FURNACE ROOM					* NO PAINT'S FURNACE ROOM

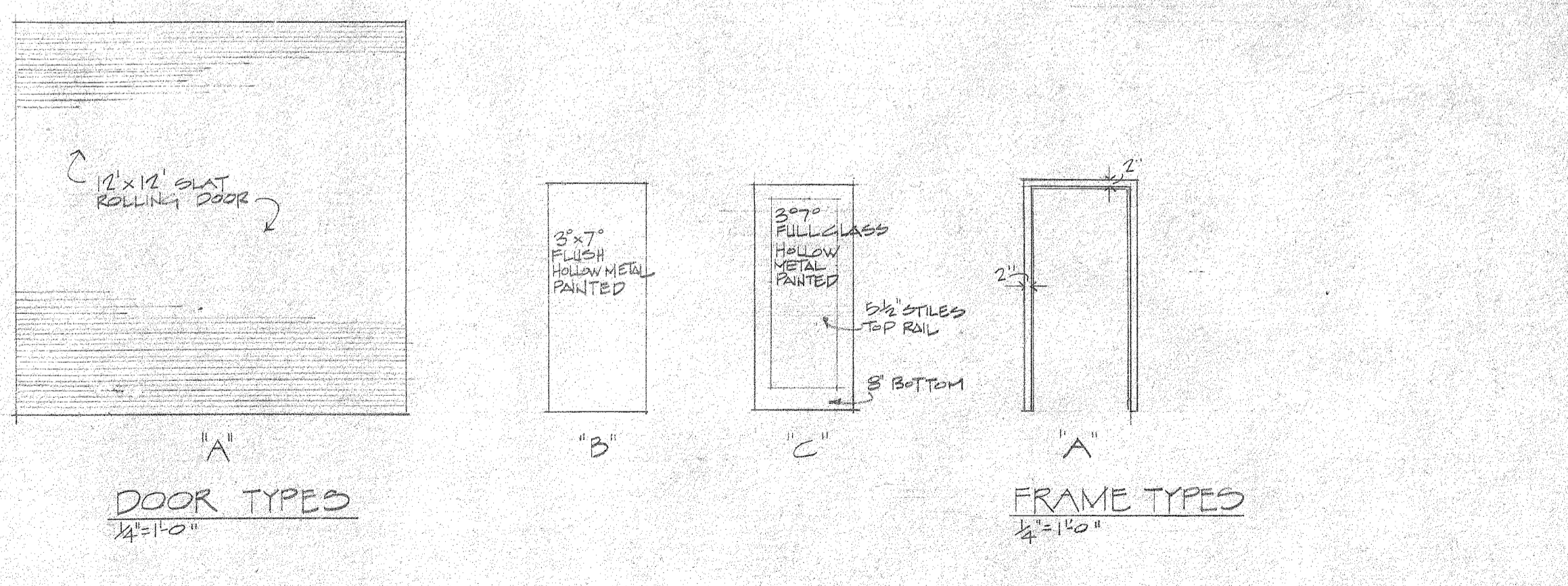


DOOR & FRAMES

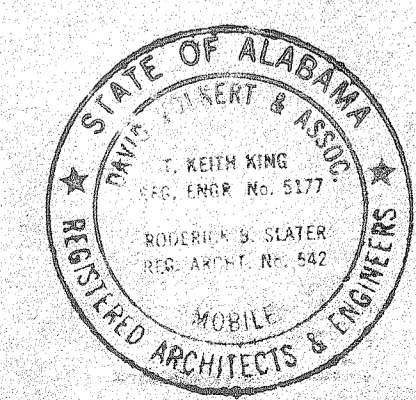
PAINT PER MARK B ON PAINT SCHEDULE

LOCATION	DOOR NO	DOOR		FRAME		HARDWARE	REMARKS
		SIZE	TYPE	DETAILS	FIRE RATING		
11, 21, 22	12'-0" x 12'-0"	STL	A	STL	-	1 INT	* BY MANUF.
12, 23	3'-0" x 7'-0"	1 3/4"	HM B	1/2" x 2"	1/2" x 2"	1 HR	2 EXT 1 HR. DOOR, FRAME & HWARE
13, 24, 25	3'-0" x 7'-0"	1 3/4"	HM B	1/2" x 2"	1/2" x 2"	3	* EMERG./ALARM DEVICE - INT. NO KNOB - EXT
14, 15	3'-0" x 7'-0"	1 3/4"	HM B	2" x 5 3/4"	DEL. RET. HD. JAMB	4	* DR 15-RM 13-DR-14-RM 12
26, 27, 28	3'-0" x 7'-0"	1 3/4"	HM B	2" x 5 3/4"	DEL. RET. HD. JAMB	4	* * CLASS 026428 * DR 26-RM 23, DR 27-RM 21
31	3'-0" x 7'-0"	1 3/4"	HM B	2" x 5 3/4"	DEL. RET. HD. JAMB	4	32
32, 33	3'-0" x 7'-0"	1 3/4"	HM B	10 x 10	HM A	2	EXT
34	4'-0" x 7'-0"	1 3/4"	HM B	1/2" x 12"	HM A	5	EXT * @ BOT. OF DOOR, 1/62 SCR. IN.
35, 36	3'-0" x 7'-0"	1 3/4"	HM B	1/2" x 12"	HM A	6	EXT * PLAS. LAM. SKINS - MEN, WOMEN
37	2'-6" x 7'-0"	1 3/4"	HM B	1/2" x 12"	HM A	7	EXT
38	2'-0" x 7'-0"	1 3/4"	HM B	2" x 10"	HM A	5	EXT * 430 SCR. IN.
1, 2, 4, 7	3'-0" x 7'-0"	1 3/4"	HM C	FULL	HM A	3	EXT * 1, 2-29/1, 3, 4, 7-15 & 16/1, 2
3, 4, 5	3'-0" x 7'-0"	1 3/4"	HM B	1/2" x 12"	HM A	4	* 3 & 5 - RM. 1, 4 - RM. 4

* 3 - HW-7, #4 - HW-9, #5 - HW-10



REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINAL PLANT EXP.

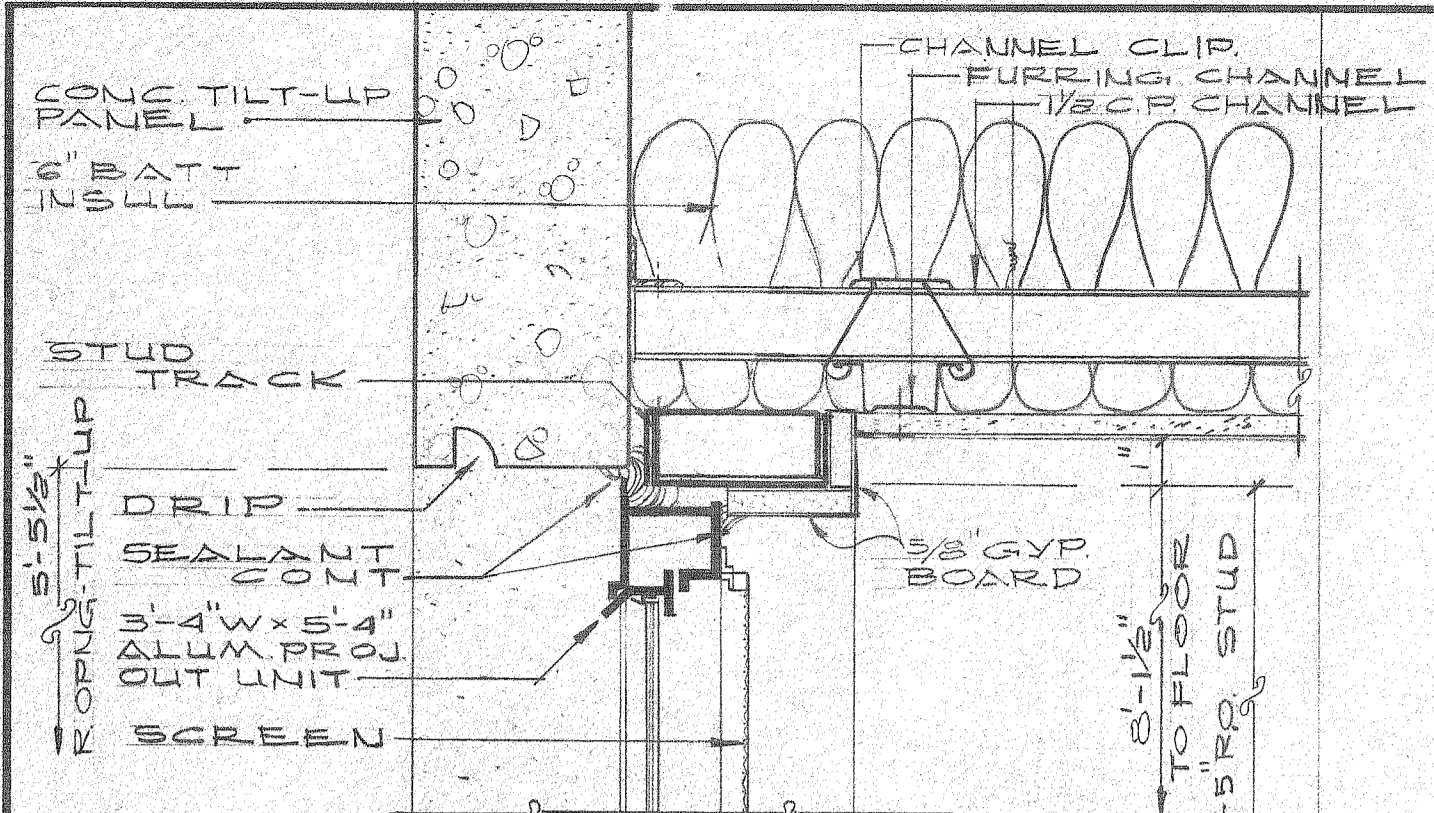
GUARD STATION, WAREHOUSE/SHOPS, TOILET, SHOWER/LUNCHROOM

FLOOR PLAN - SCHEDULES

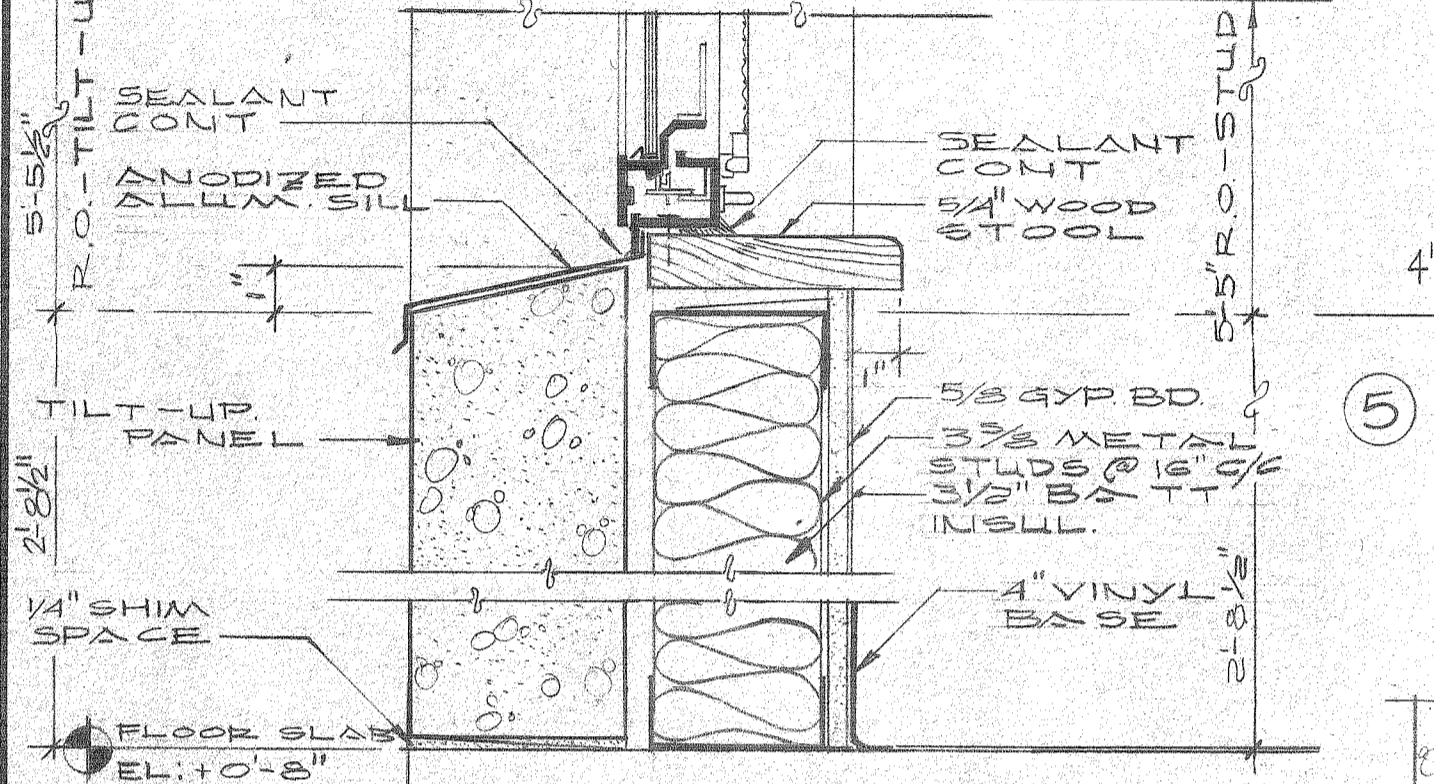
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED	DETAILED	TRACED
CHECKED	CHECKED	CHECKED
REVISIONS		
DATE 9/25/81		

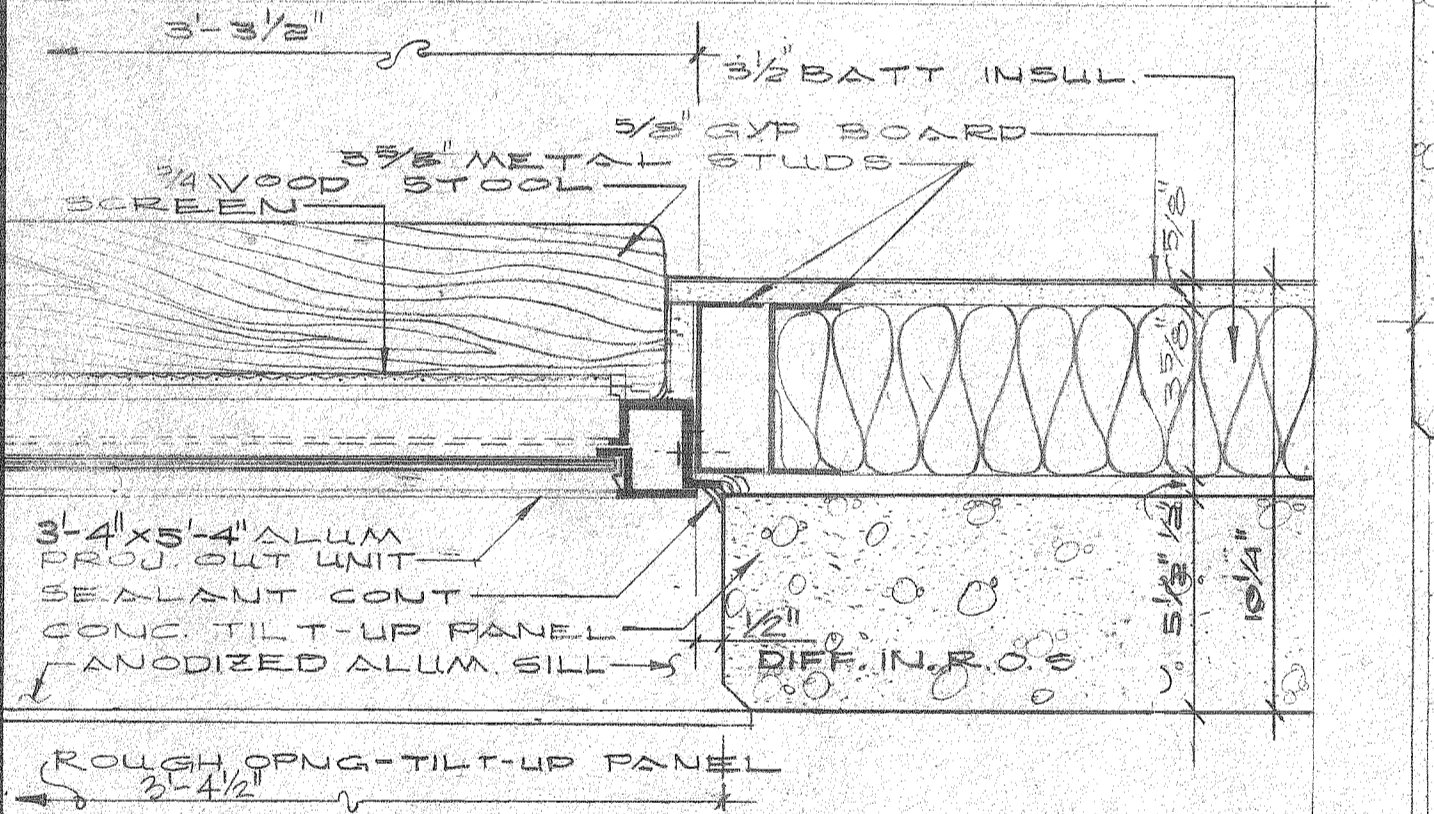
FLOOR PLAN
SCALE: 1/8" = 1'-0"
NOTE: ALL INTERIOR PARTITIONS - 3/8" METAL STUDS W/ 5/8" GYP. BD. EA. SIDE, UNLESS OTHERWISE NOTED.



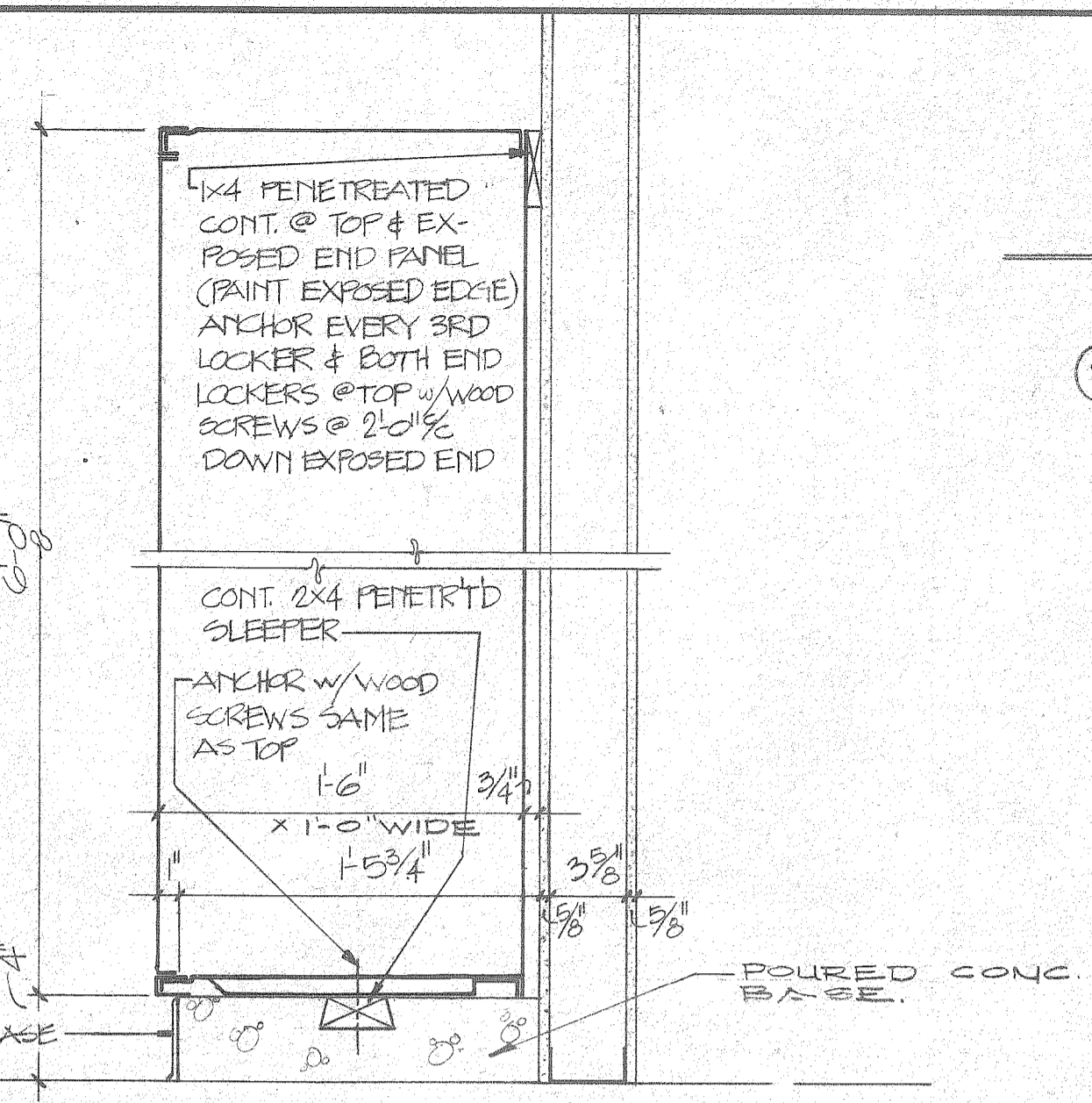
1 WINDOW HEAD S.C. 3'-1'-0"



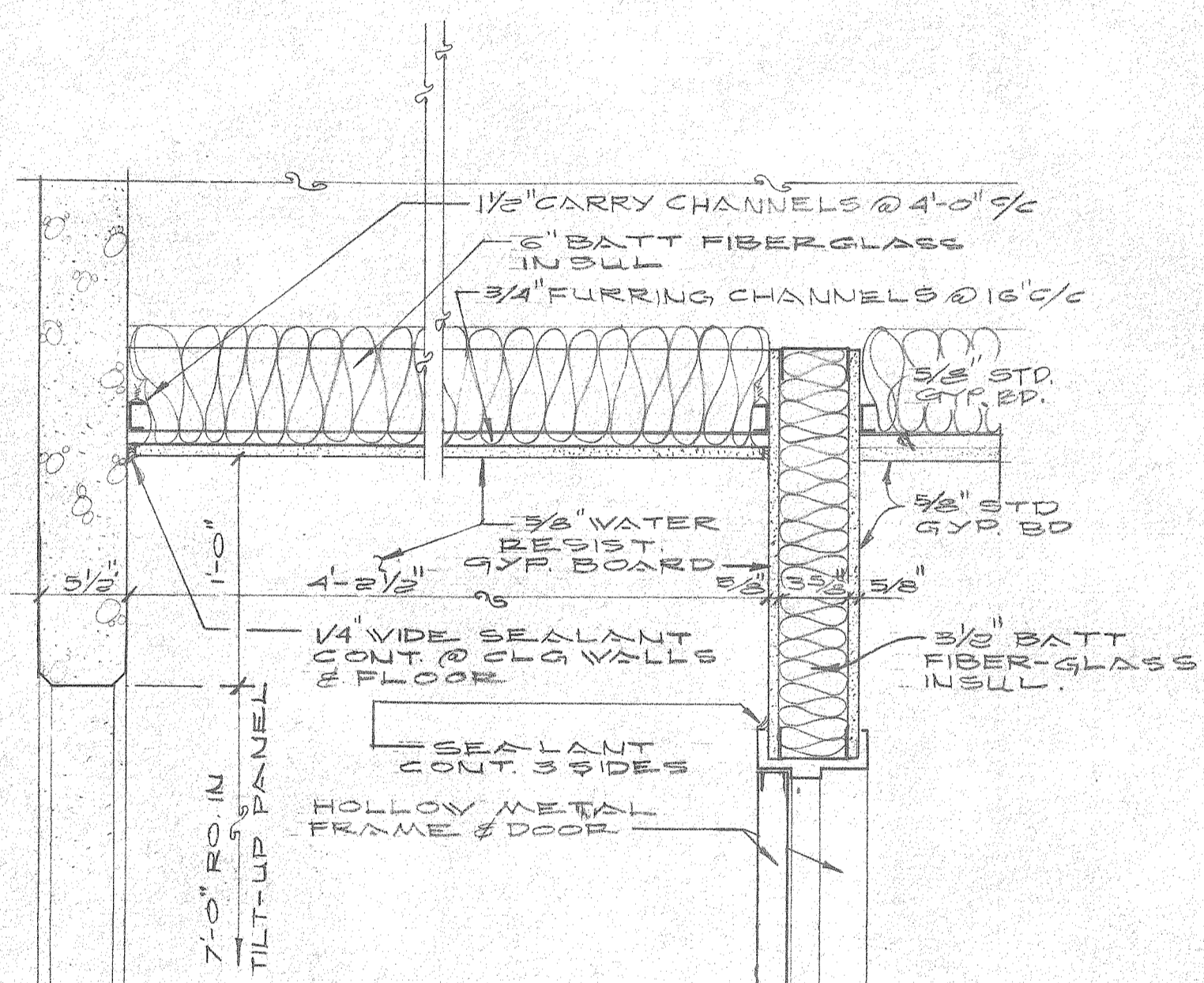
2 WINDOW SILL S.C. 3'-1'-0"



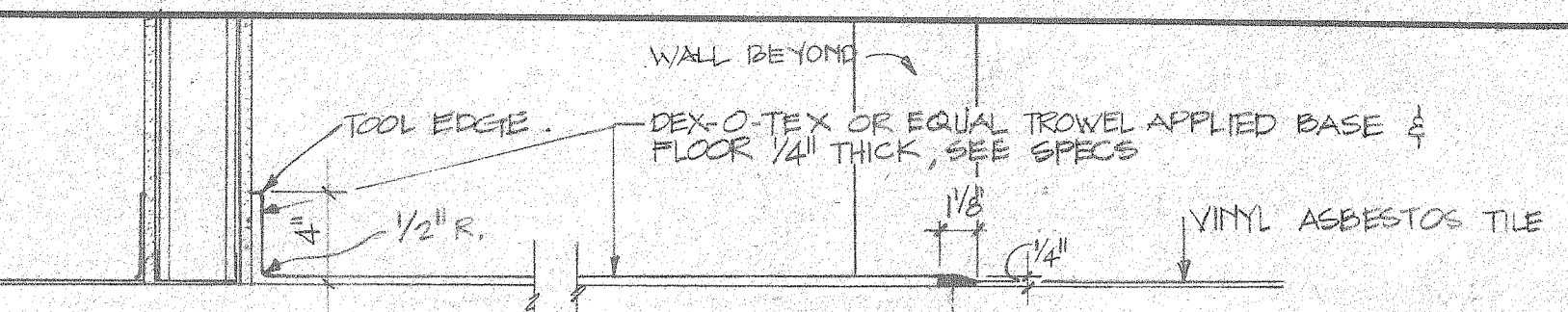
3 WINDOW JAMB. S.C. 3'-1'-0"



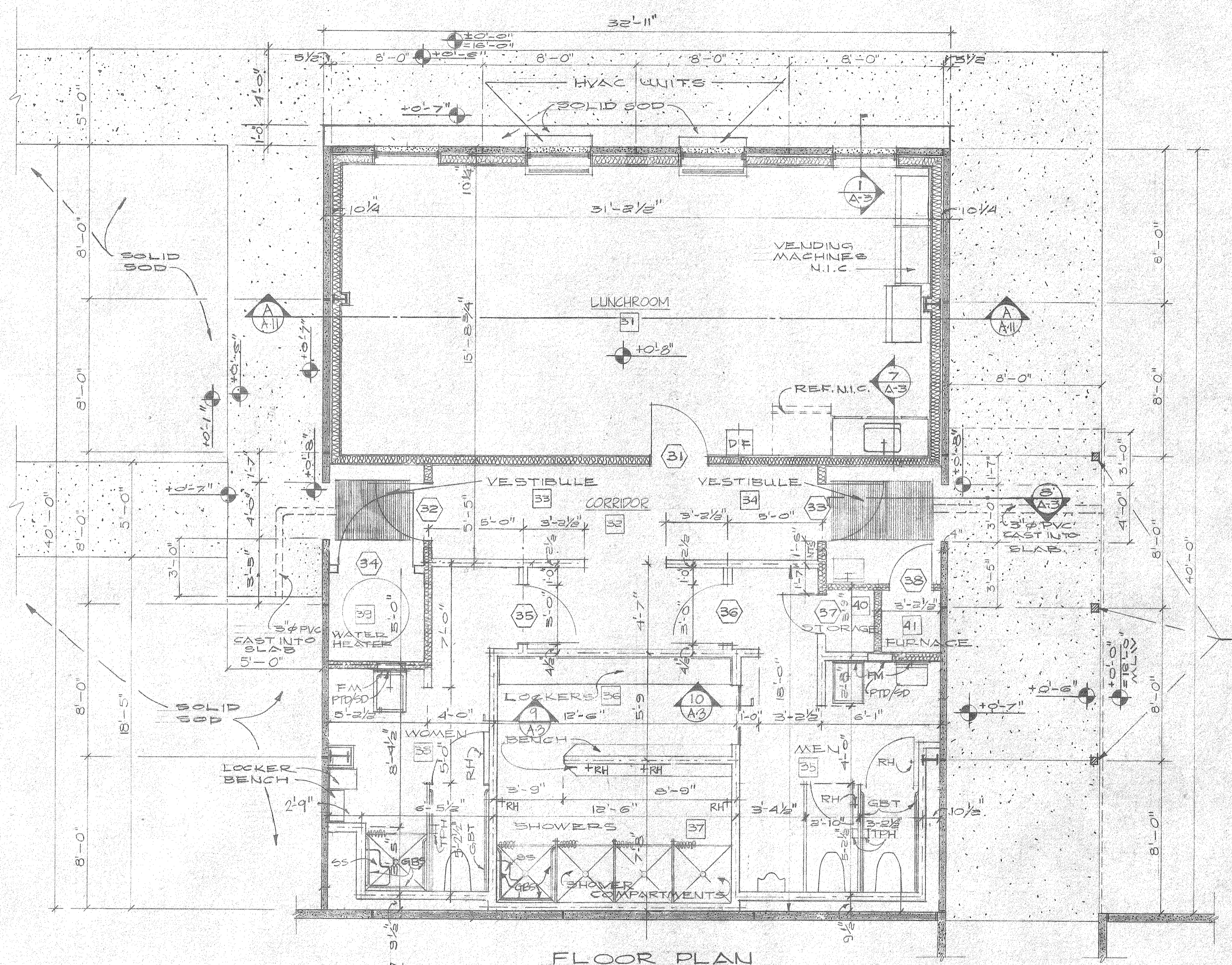
5 LOCKER DETAIL 1/2"=1'-0"



6 SECTION-VESTIBULE CLG S.C. 1/2"=1'-0"

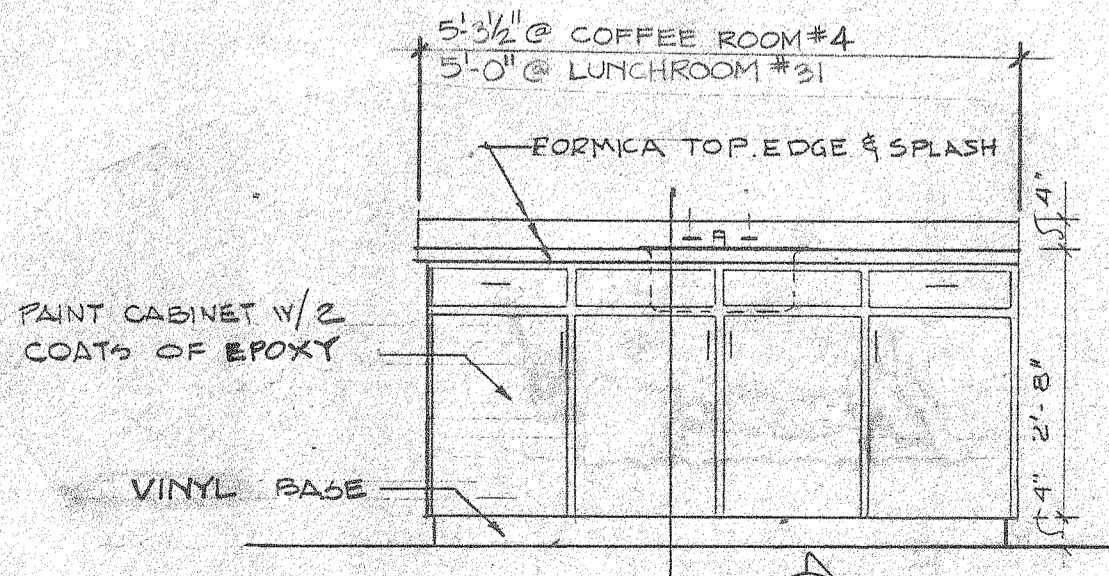


9 TYPICAL DEX-O-TEX DETAILS 10 1/2"=1'-0"

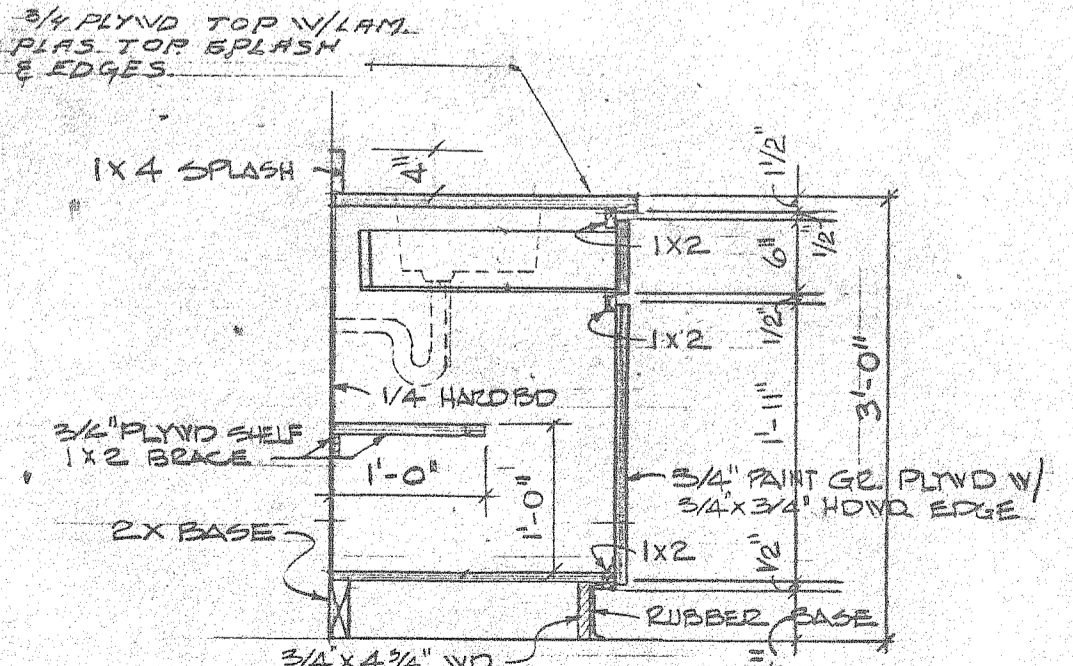


FLOOR PLAN SCALE: 1/4"=1'-0"

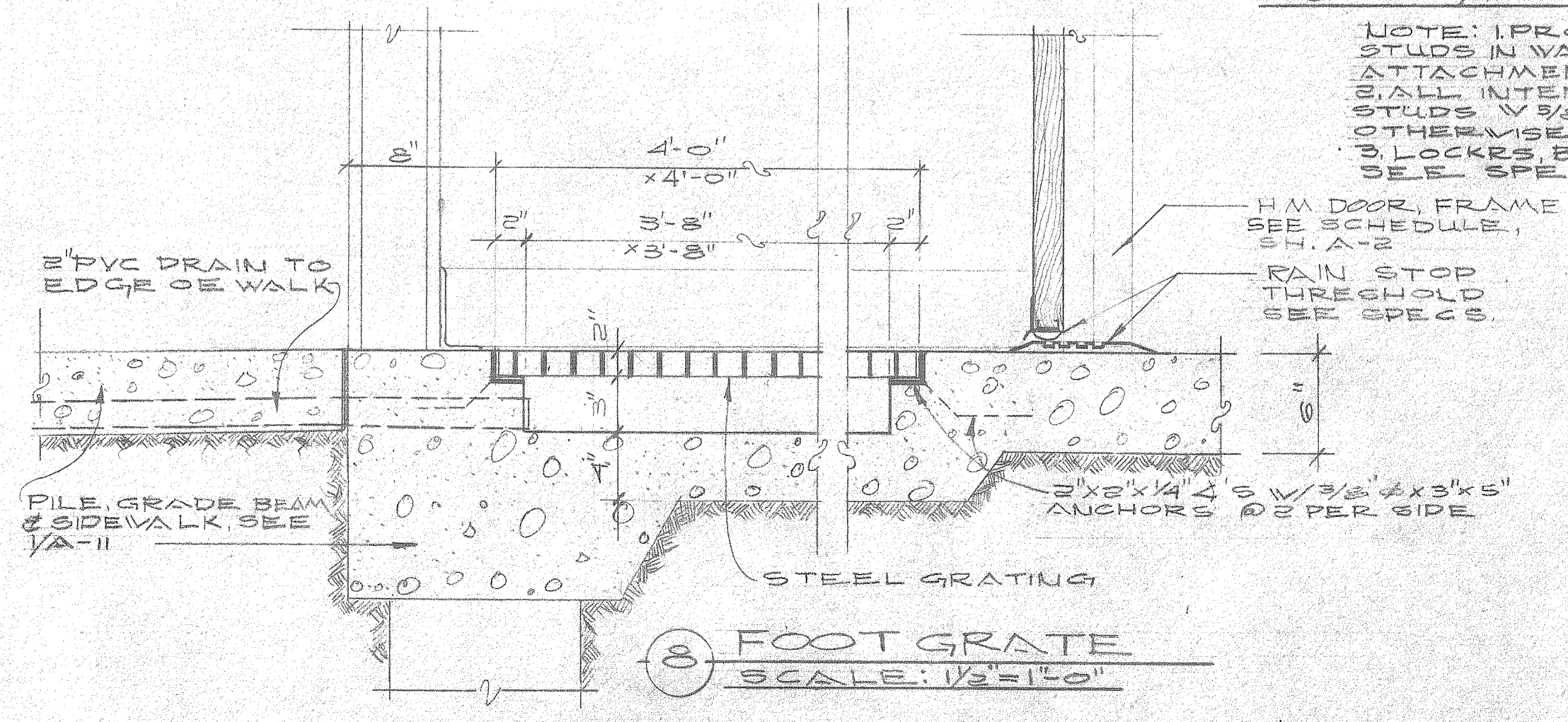
NOTE: SHALL HAVE PLASTIC LAMINATE TOP BACKSPLASH & NOSE, 3/4" BIRCH LIPPED DOORS & DRAWER FRONT 3/4" SIDES, SHELVES, 1/4" BASK. ALL WOOD PAINT GRADE, PAINTED W/ EPOXY GLOSS TO MATCH WALL COLOR. USE STANLEY OR EQUAL #1327 CHROME PLATED STEEL HINGES, #4483 1/2 CHROME PLATED BRASS PULLS, #SP41 MAGNETIC CATCHES, #K #V DRAWER SLIDES.



4 ELEVATION A3



7 SECTION A3 3/4"=1'-0"



8 FOOT GRATE SCALE: 1/2"=1'-0"

NOTE: I PROVIDE TREATED 2X4X8" STUDS IN WALL FOR GRAB BAR, ETC ATTACHMENT. ALL INTERIOR PARTITIONS-3/8" METAL STUDS W/ 1/2" GYP BD. EA. SIDE, UNLESS OTHERWISE NOTED. LOCKERS, BENCHES, SHOWER COMPARTMENTS, SEE SPECS.

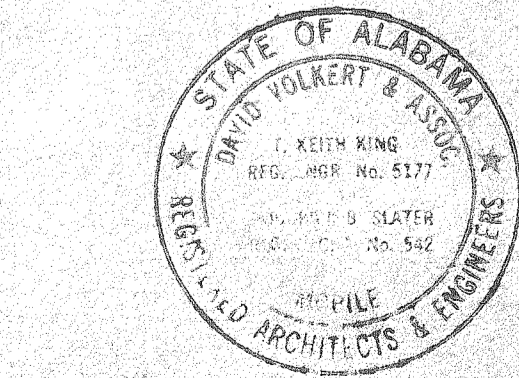
LEGEND

	3/2" CONC. TILT-UP PANELS
	3/8" METAL STUDS
	1/2" GYP BD EA. SIDE
	SAME AS ABOVE W/ 3/8" BATT FIBERGLASS INSUL.
	TOILET ACCESSORIES, SEE SPECS

THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

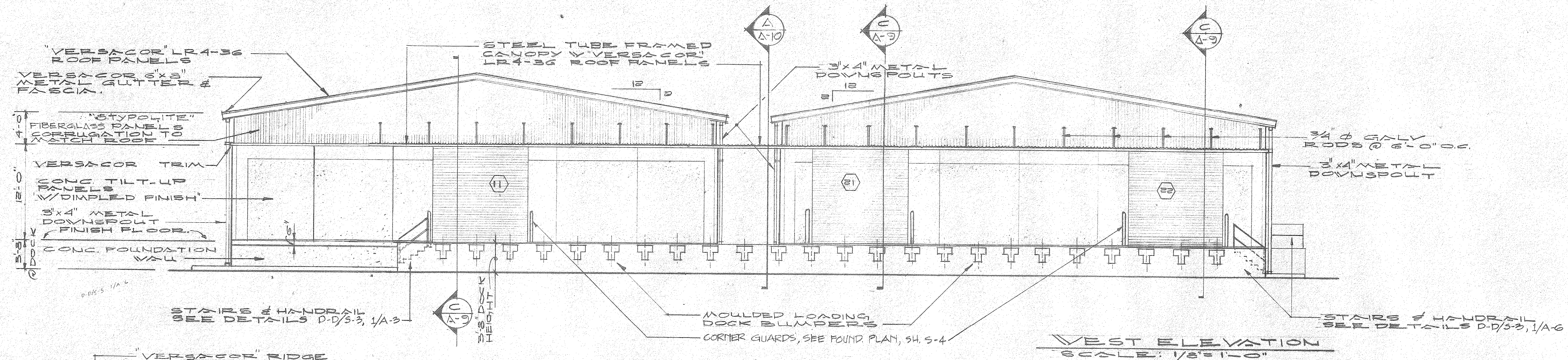
McDUFFIE TERMINAL PLANT EXP. GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

FLOOR PLAN DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

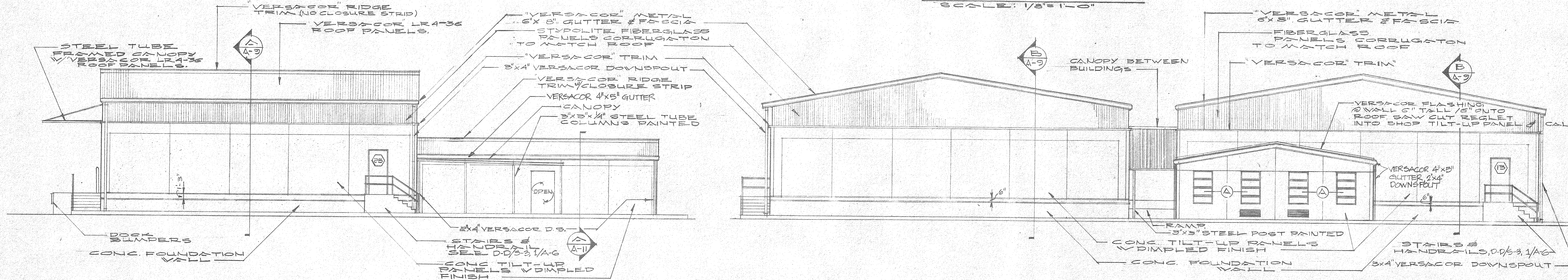


DESIGNED	DATE 9/25/31
CHECKED	
TRACED	
CHECKED	

REFERENCE ONLY LUNCHROOM CABINET

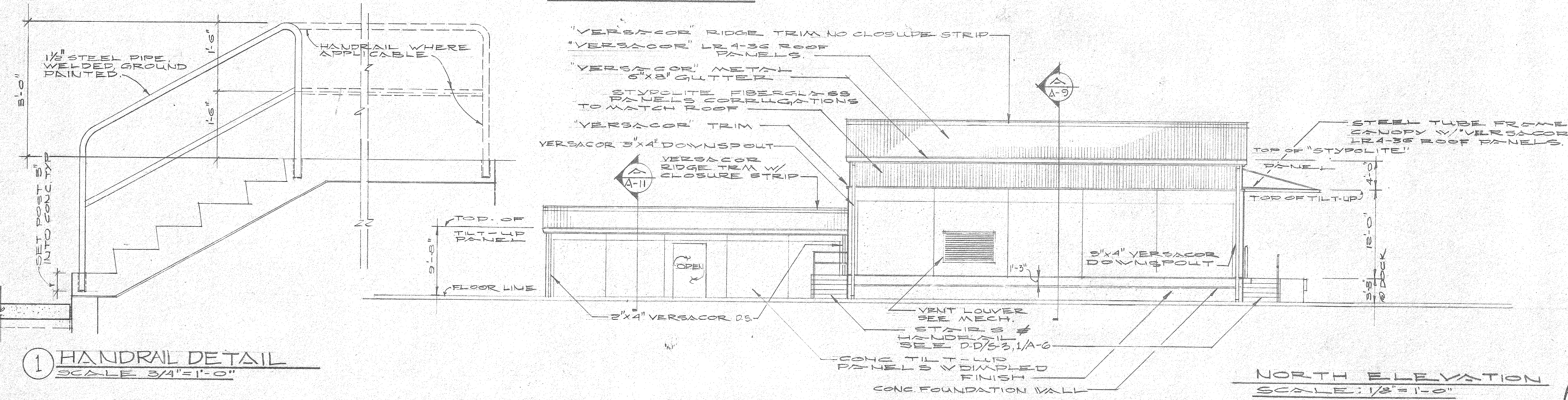


WEST ELEVATION
SCALE: 1/8" = 1'-0"



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

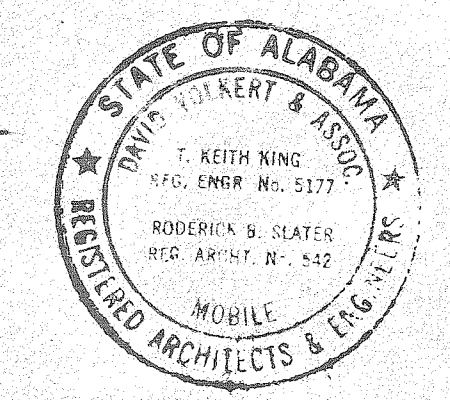
EAST ELEVATION
SCALE: 1/8" = 1'-0"



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

1 HANDRAIL DETAIL
SCALE 3/4" = 1'-0"

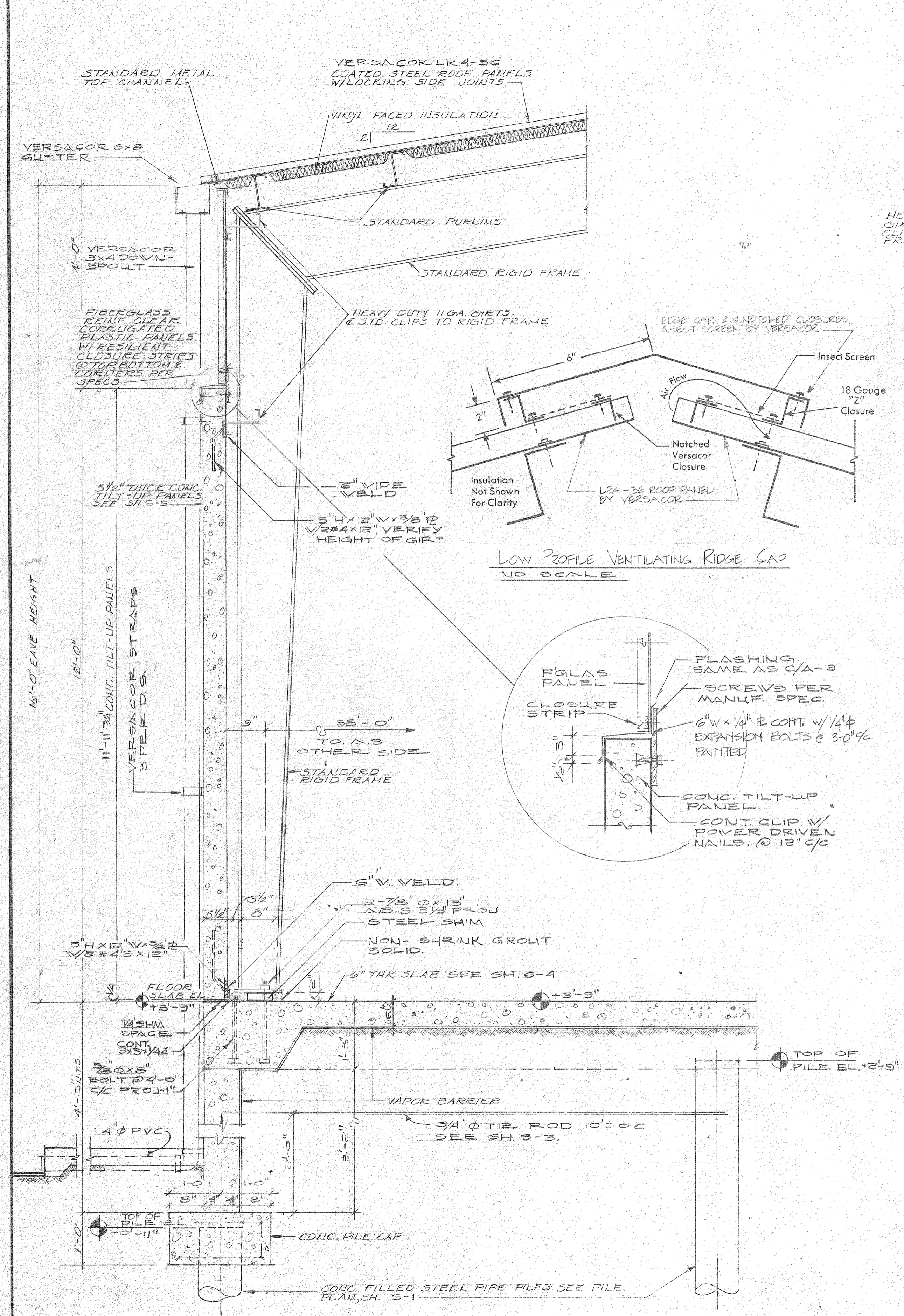
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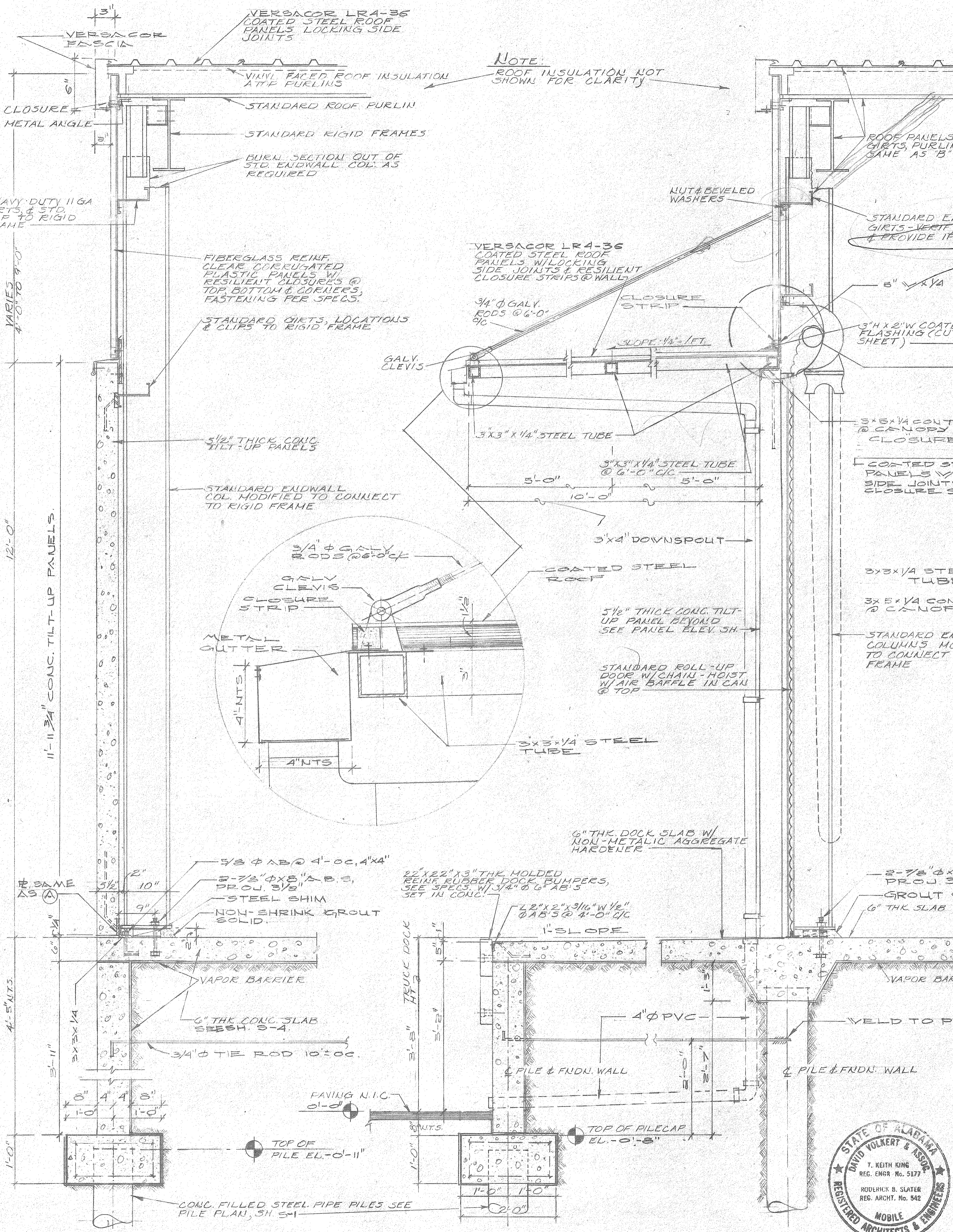
THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

EXTERIOR ELEVATIONS
 DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

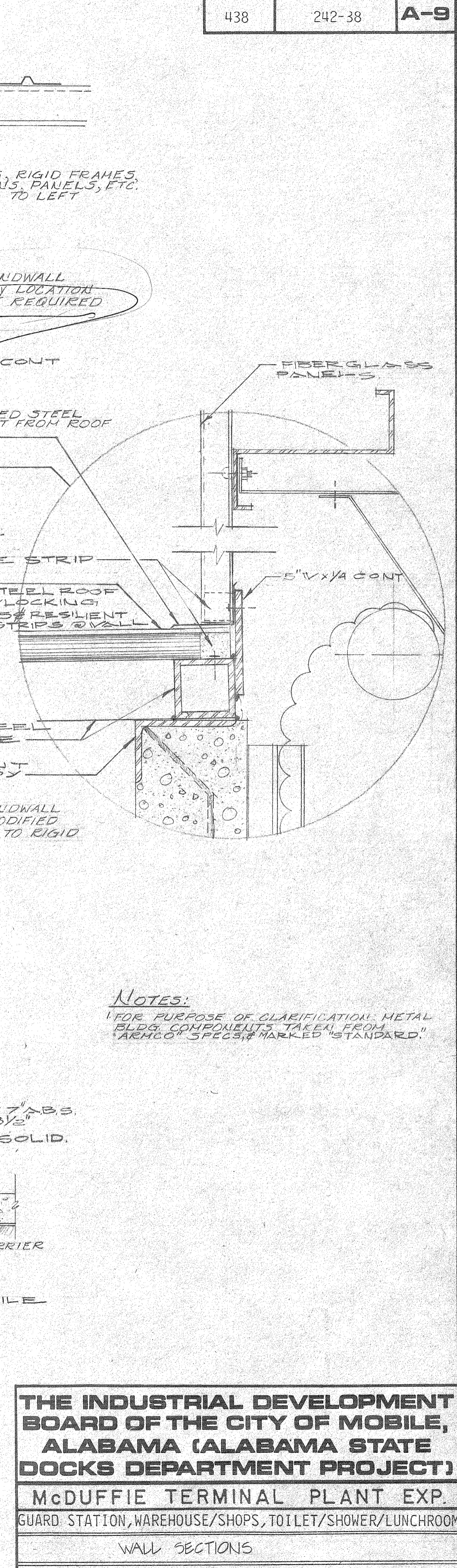
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CHECKED	9/28/31	Checked	Checked
REVISIONS			



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



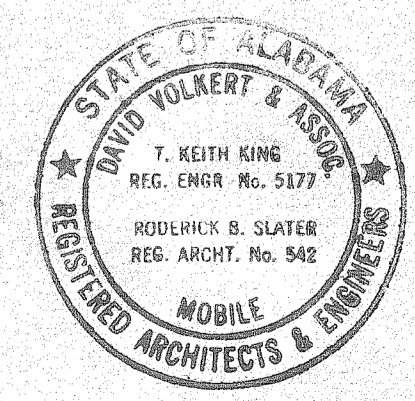
B SECTION
SCALE: 3/4"=1'-0"



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

REFERENCE ONLY

THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM



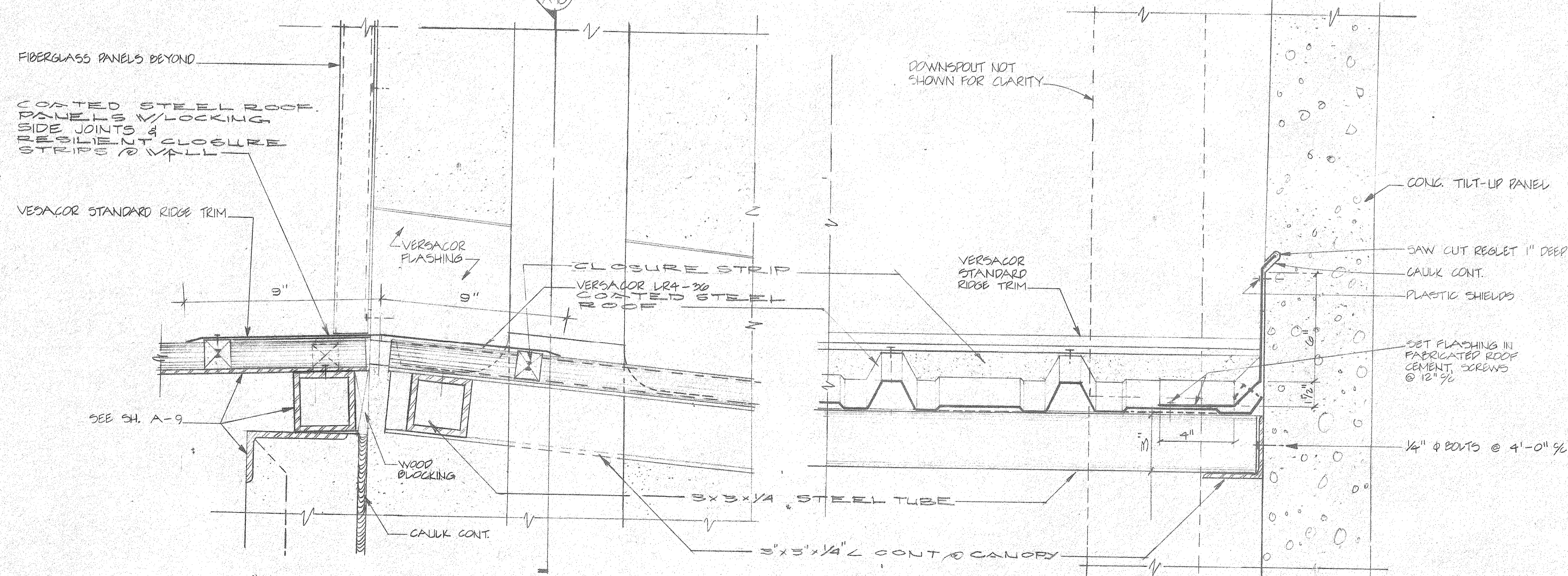
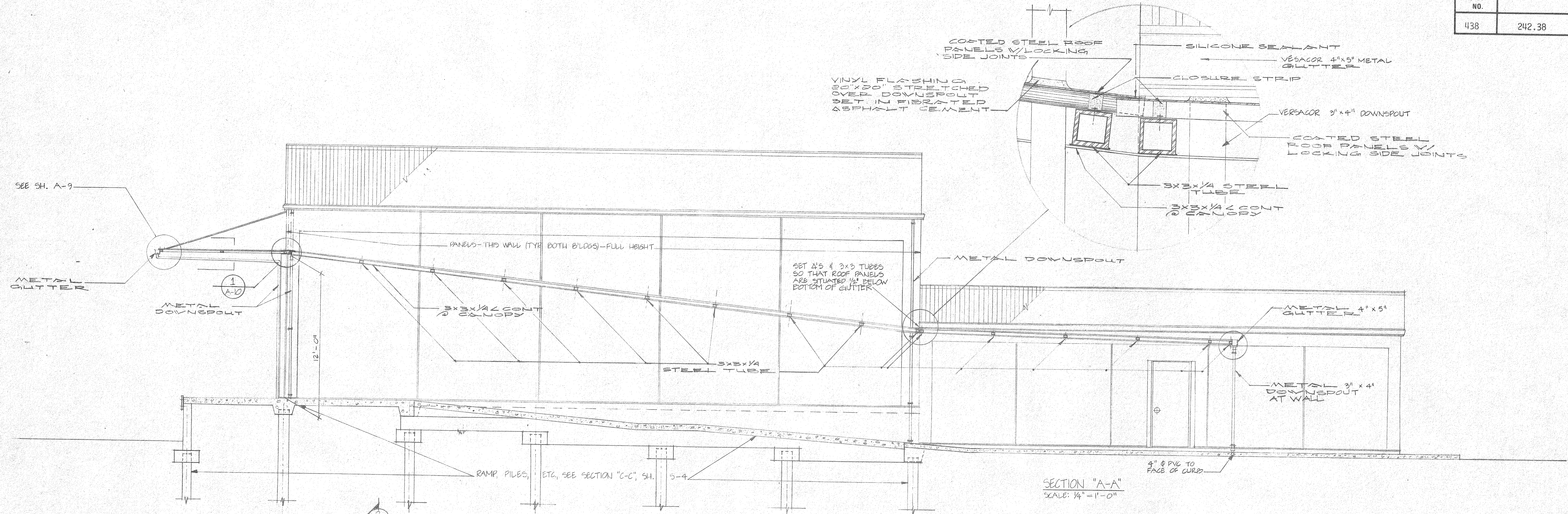
DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

DESIGNED	DATE	9/25/21
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CHECKED		

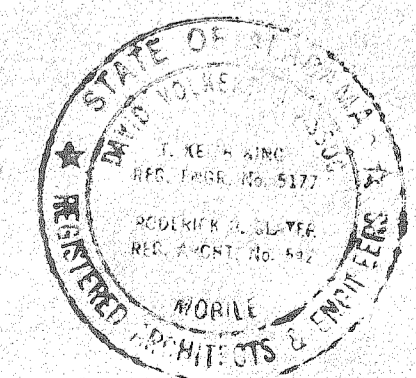
REVISIONS

NOTES:
 1. FOR PURPOSE OF CLARIFICATION, METAL BLDG. COMPONENTS TAKEN FROM ARCH'D SPEC'S, MARKED STANDARD.

SPEC. NO.	SHEET NO.
438	242.38 A-10



REFERENCE ONLY

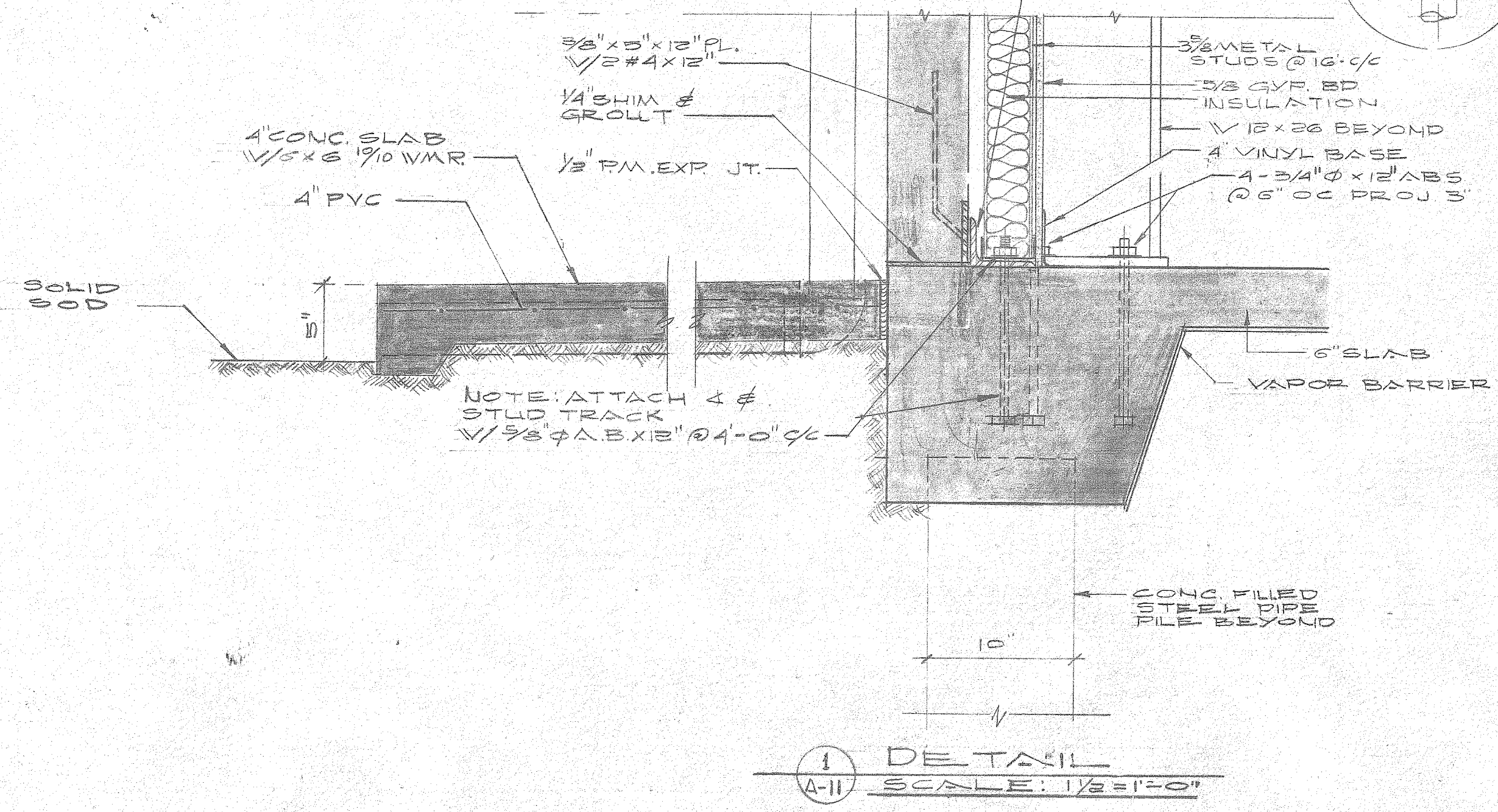
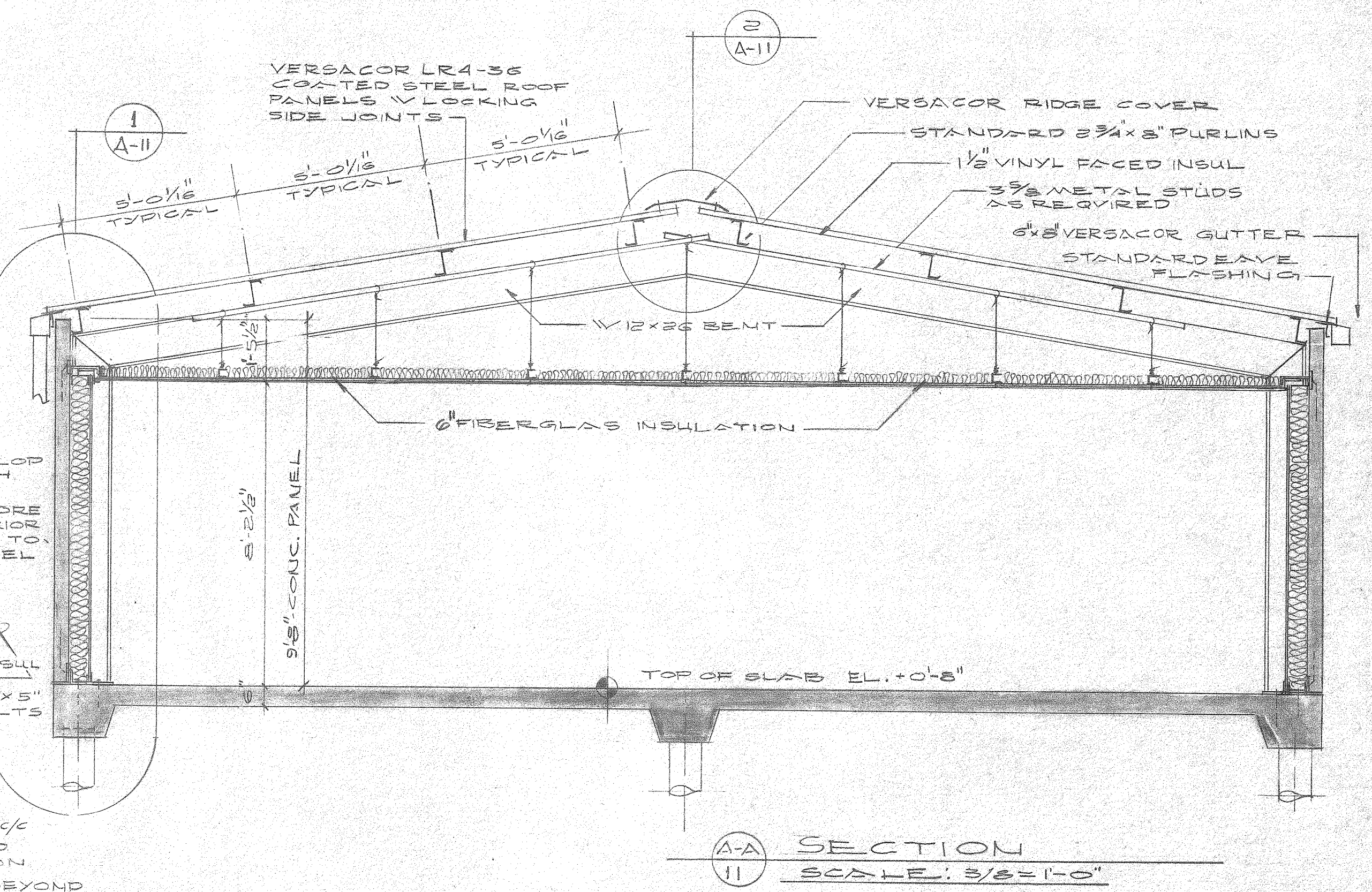
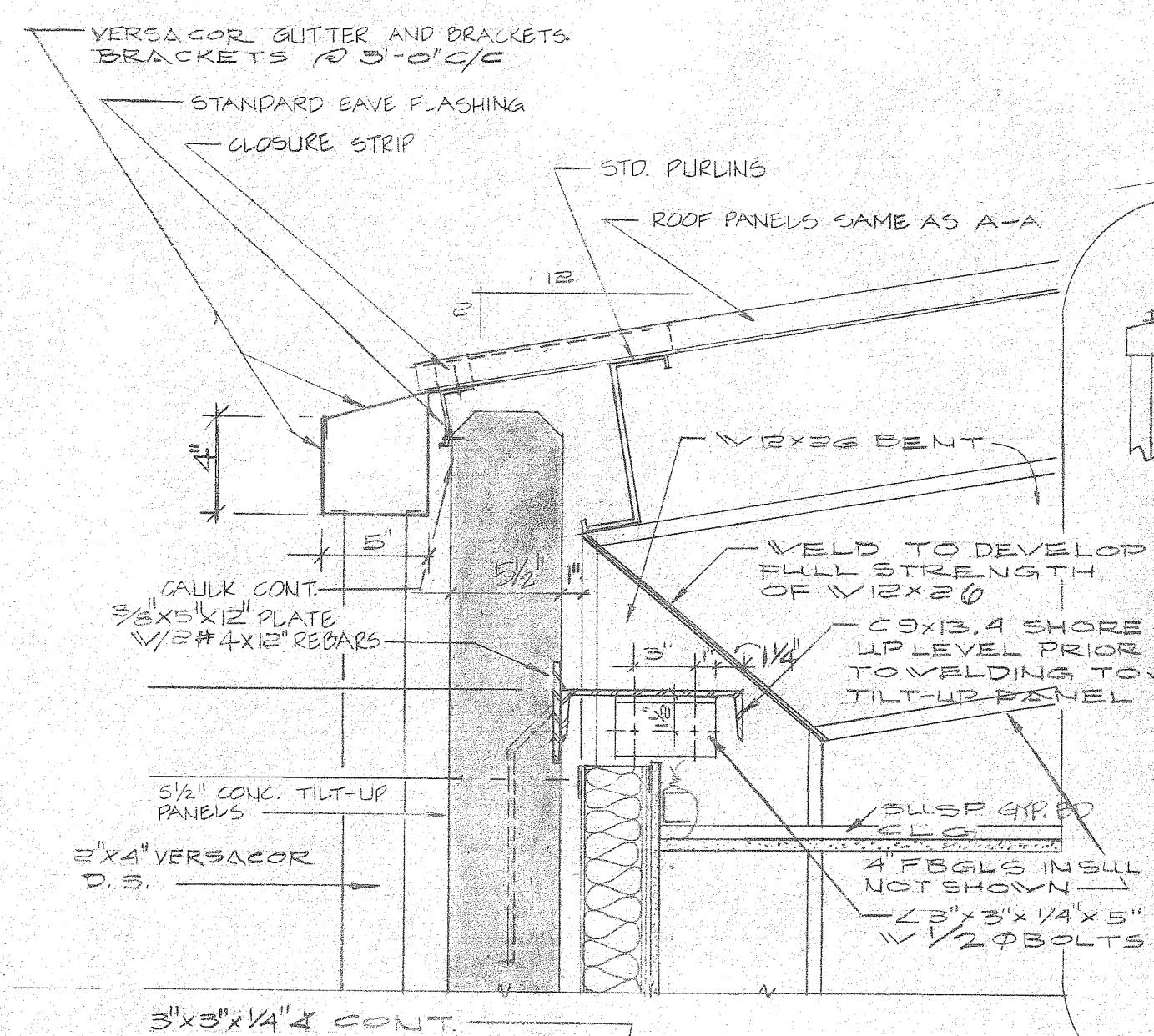
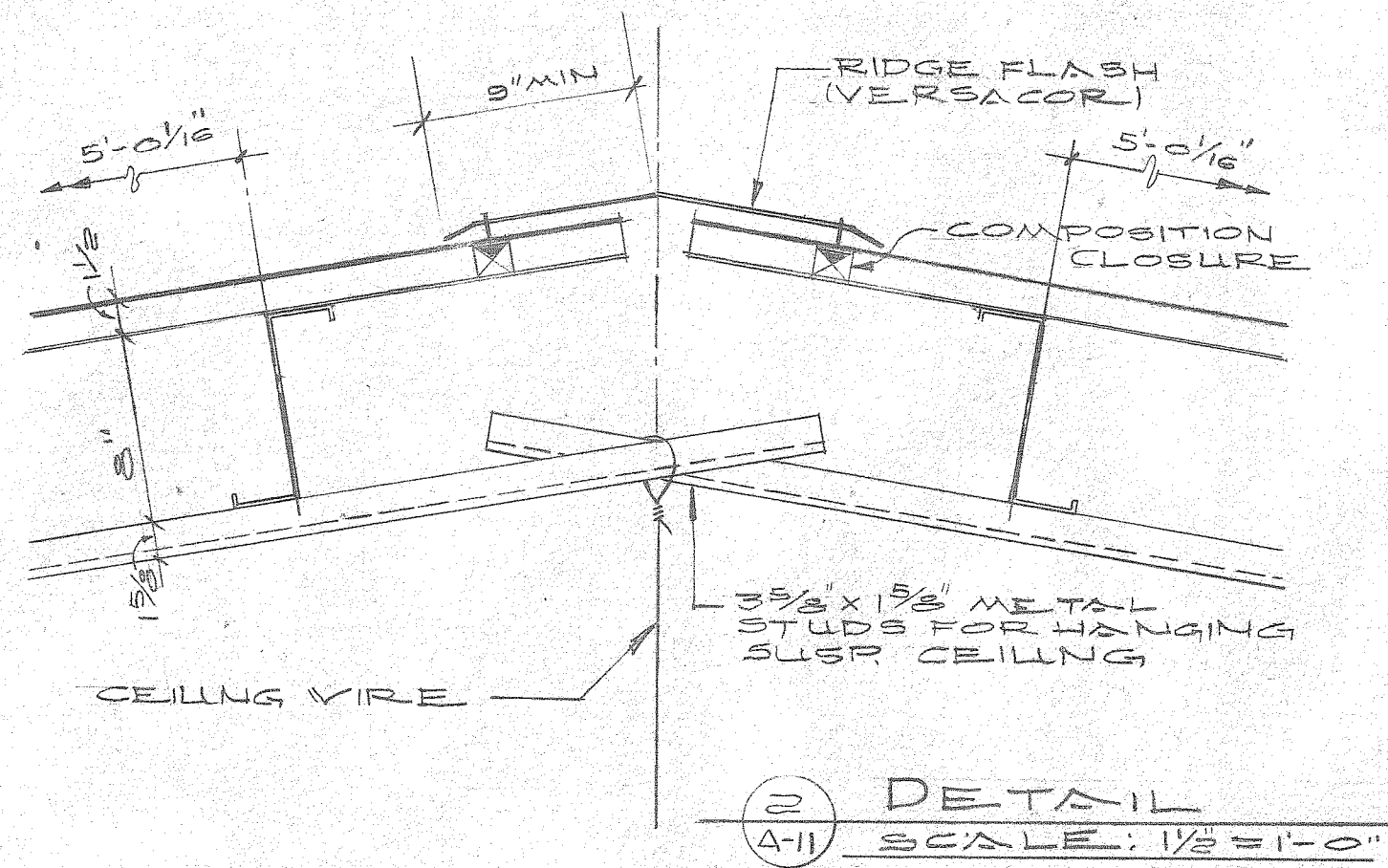


THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

SECTIONS & DETAILS - EXTERIOR CANOPY

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

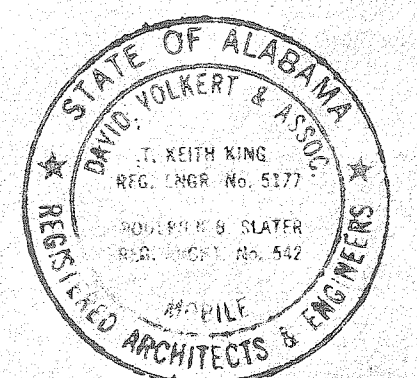
DESIGNED	DETAILED	TRACED
CHECKED	CHECKED	CHECKED
REVISIONS		DATE 9/25/81



1 DETAIL
A-I SCALE: 1/2" = 1'-0"

A-A SECTION
11 SCALE: 3/8" = 1'-0"

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

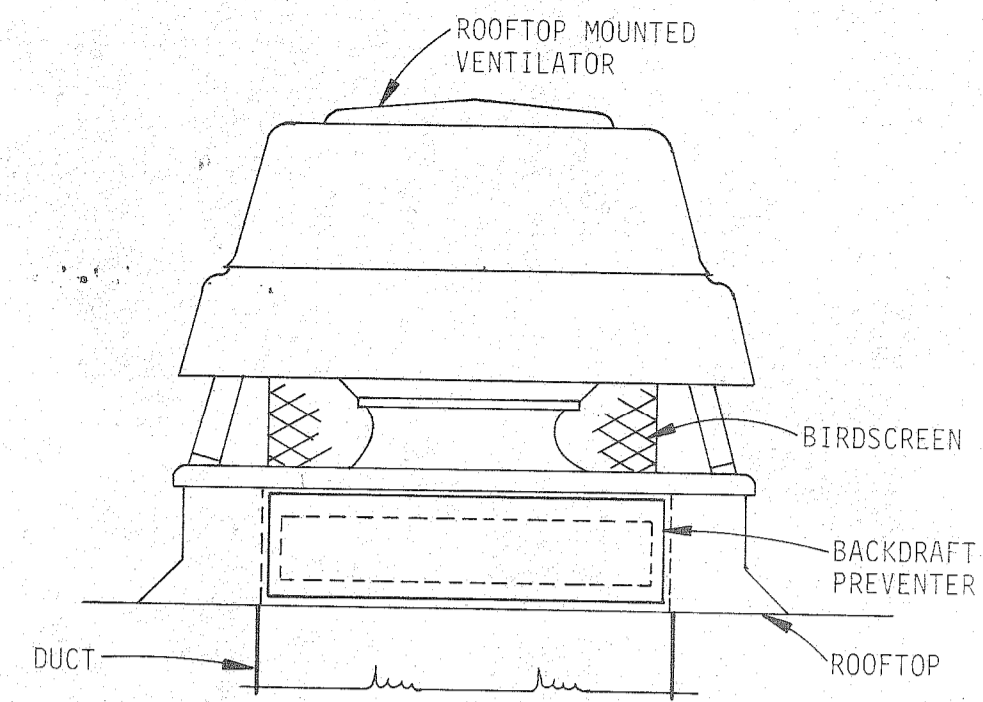
McDUFFIE TERMINAL PLANT EXP.

GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

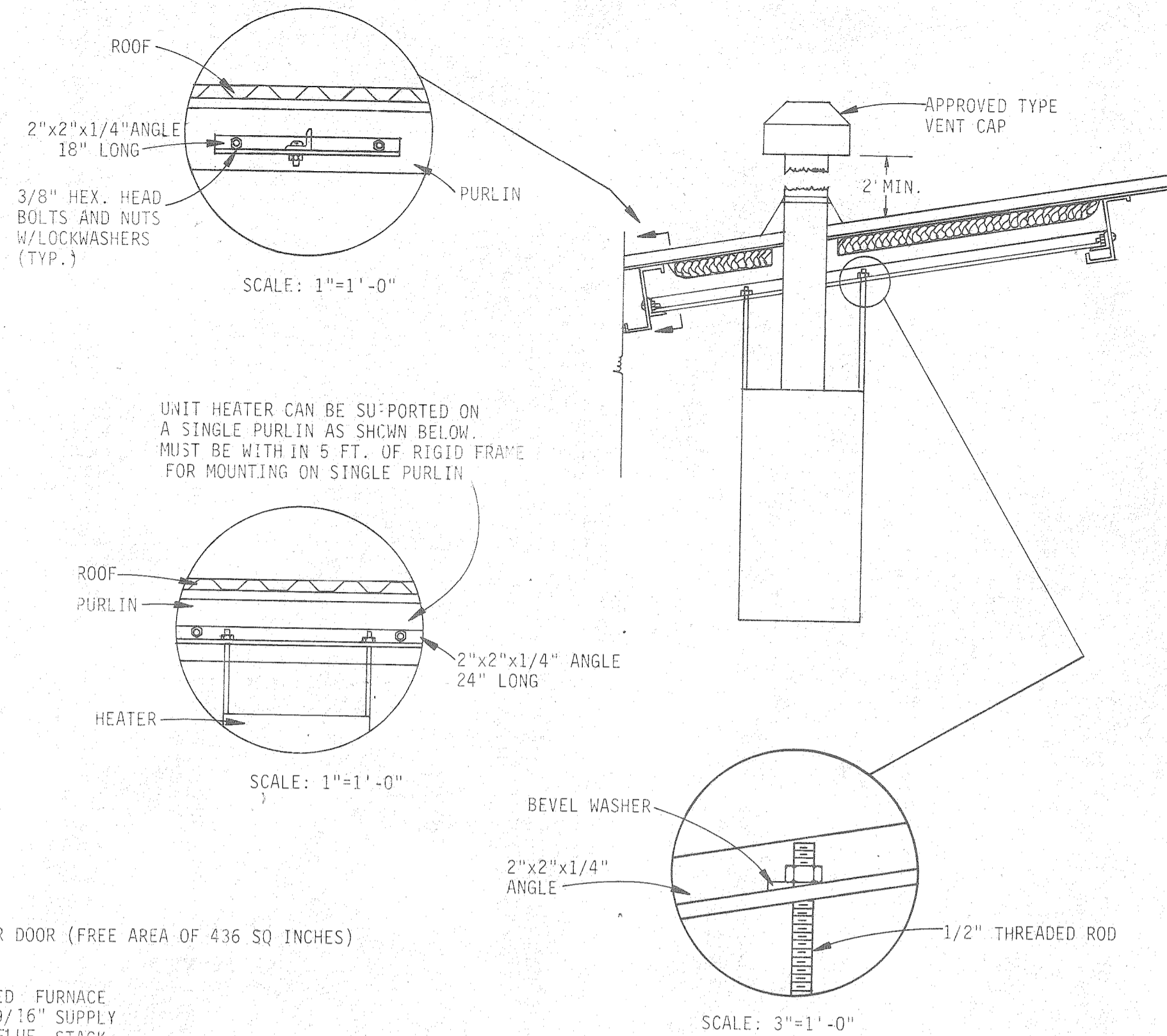
BUILDING SECTION & DETAILS

DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED	DETAILED	TRACED
CHECKED	CHECKED	CHECKED
DATE 9/25/81		



TYP. ROOF VENTILATOR INSTALLATION
N.T.S.



TYPICAL MOUNTING OF UNIT HEATER ON ROOF PURLINS

A.C. UNITS
NO. 1, 2, 3 & 4

VENTILATION UNITS
VF-1 & VF-2

GAS FIRED FURNACE

UNIT HEATER
NO. 1-14

HEATING, VENTILATION & A.C. SCHEDULE

GENERAL ELECTRIC ZONELINE III HEAT PUMP OR APPROVED EQUAL WALL MOUNTED PACKAGE UNITS, ELECTRIC COOLING WITH REVERSE CYCLE HEATING AND RESISTANCE ELECTRIC HEAT (1.65 KW EACH), 208 V, 1 PHASE, .60 HZ POWER

A.C. NO. 1 & 2 G.E. ZONELINE III MODEL A3B688
SHALL HAVE: COOLING LOAD - 11800 BTUH EACH
HEATING LOAD - 11000 BTUH EACH
O.A. - 75 CFM EACH

A.C. NO. 3 G.E. ZONELINE III MODEL A3B588
SHALL HAVE: COOLING LOAD - 8900 BTUH
HEATING LOAD - 8600 BTUH
O.A. - 100 CFM

A.C. NO. 4 G.E. ZONELINE III MODEL A2B388
SHALL HAVE: COOLING LOAD - 6800 BTUH
HEATING LOAD - 6300 BTUH
O.A. - 50 CFM

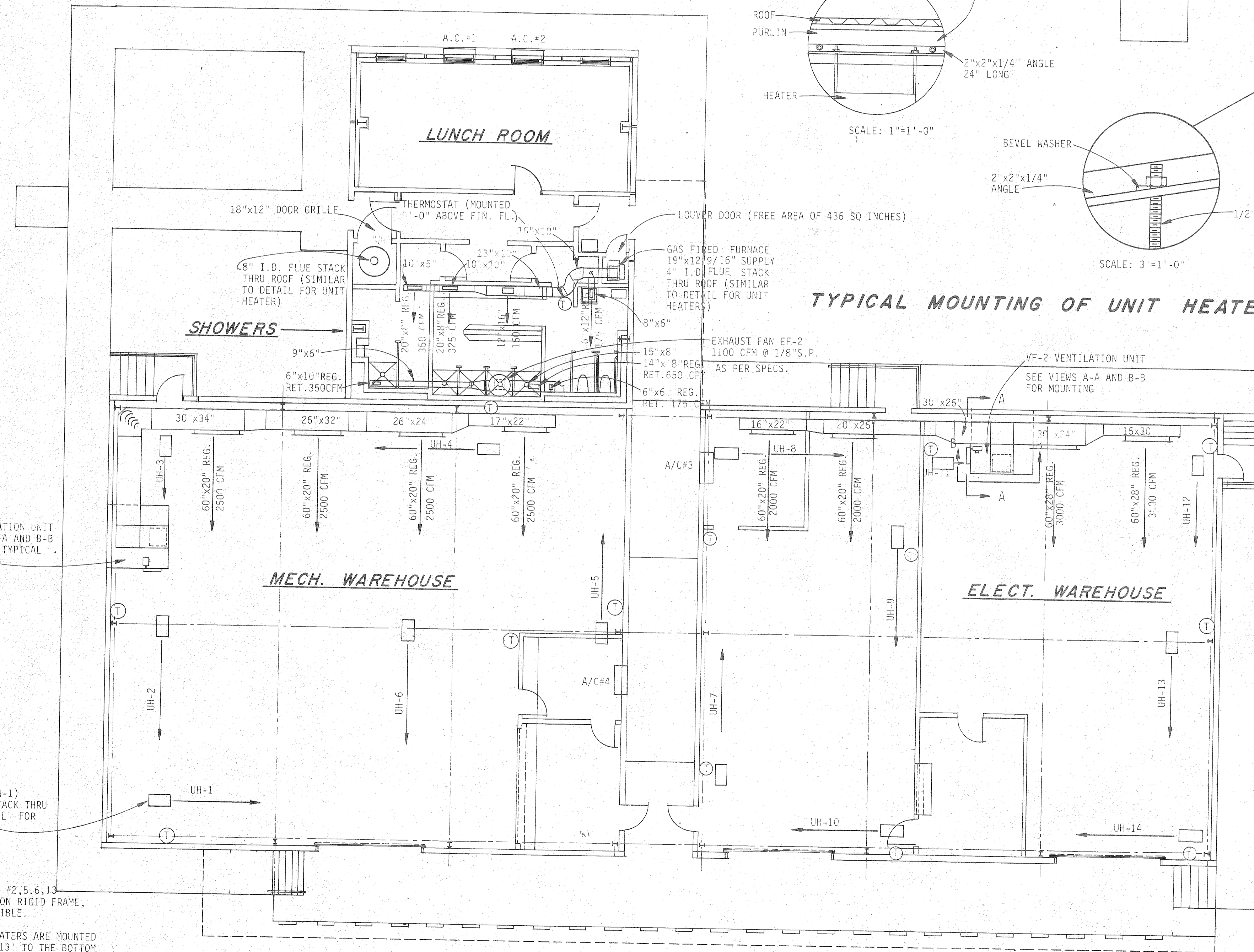
TRANE MODEL # 17A HDT, CABINET FAN OR APPROVED EQUAL WITH UP BLAST DISCHARGE (FAN ARRANGEMENT TYPE ARR.C.), HIGH EFFICIENCY MOTORS AND DRIVES LOCATED EXTERNAL TO THE CABINET, FLAT FILTER BOX WITH HIGH VELOCITY PERMANENT WASHABLE FILTERS TO BOLT DIRECTLY TO CABINET FAN, AND SPRING COIL VIBRATION ISOLATORS.

- DESIGN REQUIREMENTS:
1. OUTDOOR AIR - 10,000 CFM @ .20 IN. W.G. (EXTERNAL STATIC)
 2. OUTDOOR AIR - 10,000 CFM @ .50 IN. W.G. (TOTAL STATIC)

BRYANT AIRCONDITIONING GAS FIRED FURNACE MODEL 394 G SIZE 036075 UP FLOW DISCHARGE, DELUXE SIDE FILTER RACK WITH HIGH VELOCITY PERMANENT WASHABLE FILTER, THERMOSTAT FOR WINTER OPERATION.

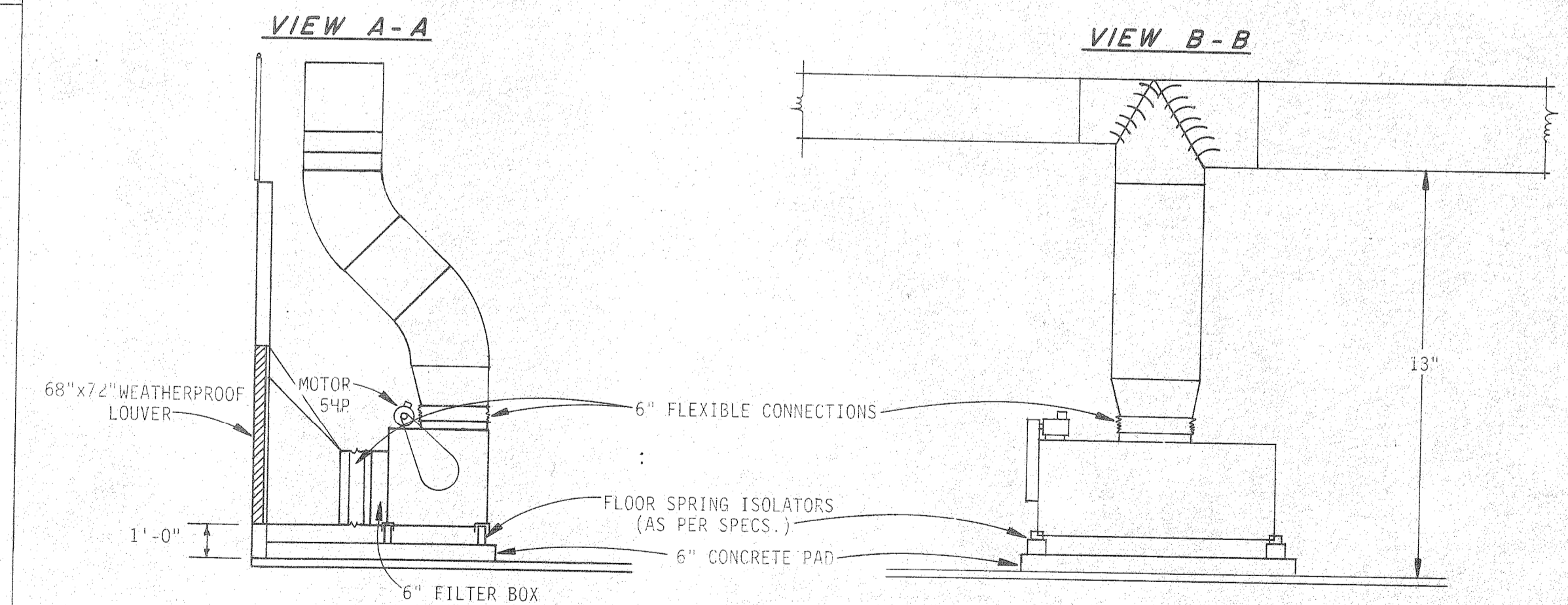
- DESIGN REQUIREMENTS:
1. O.A. - 1000 CFM (100% SUMMER & WINTER) .2 IN. W.G. (EXTERNAL STATIC)
 2. HEATING LOAD - 60000 BTUH

BRYANT AIR CONDITIONING UNIT HEATER MODEL 342A, SIZE 60 OR APPROVED EQUAL, THERMOSTAT & MANUAL FAN SWITCH OPERATION, REQUIRED OPTIONAL LOUVERS FOR DOUBLE DEFLECTION



PLAN AIR DISTRIBUTION

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



VENTILATION UNIT VF-2

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

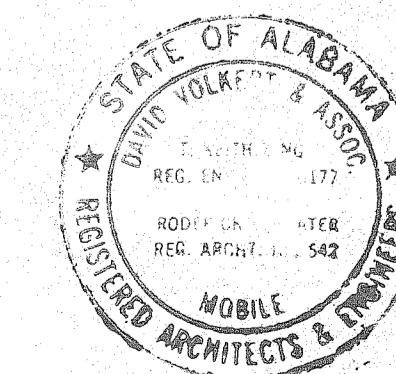
NOTES:

1. VERTICAL DUCT RISERS MUST BE RIGIDLY SUPPORTED INDEPENDENT OF CABINET FAN.
2. DUCT DIMENSIONS SHOWN ARE INTERIOR SIZES.
3. MOUNT DUCT HIGH AS POSSIBLE IN STRAIGHT LINE.
4. SUPPORT HORIZONTAL DUCTWORK AT COLUMNS AND FROM PURLINS WITH ANGLE BRACKETS SIMILAR TO UNIT HEATERS AT 6'-0" C.C. (MAX.)

NOTES:

1. UNIT HEATERS #2,5,6,13 ARE MOUNTED ON RIGID FRAME, HIGH AS POSSIBLE.
2. ALL OTHER HEATERS ARE MOUNTED TO A HEIGHT 13" TO THE BOTTOM OF THE HEATERS.

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINAL PLANT EXP.

GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

PLAN AIR DISTRIBUTION

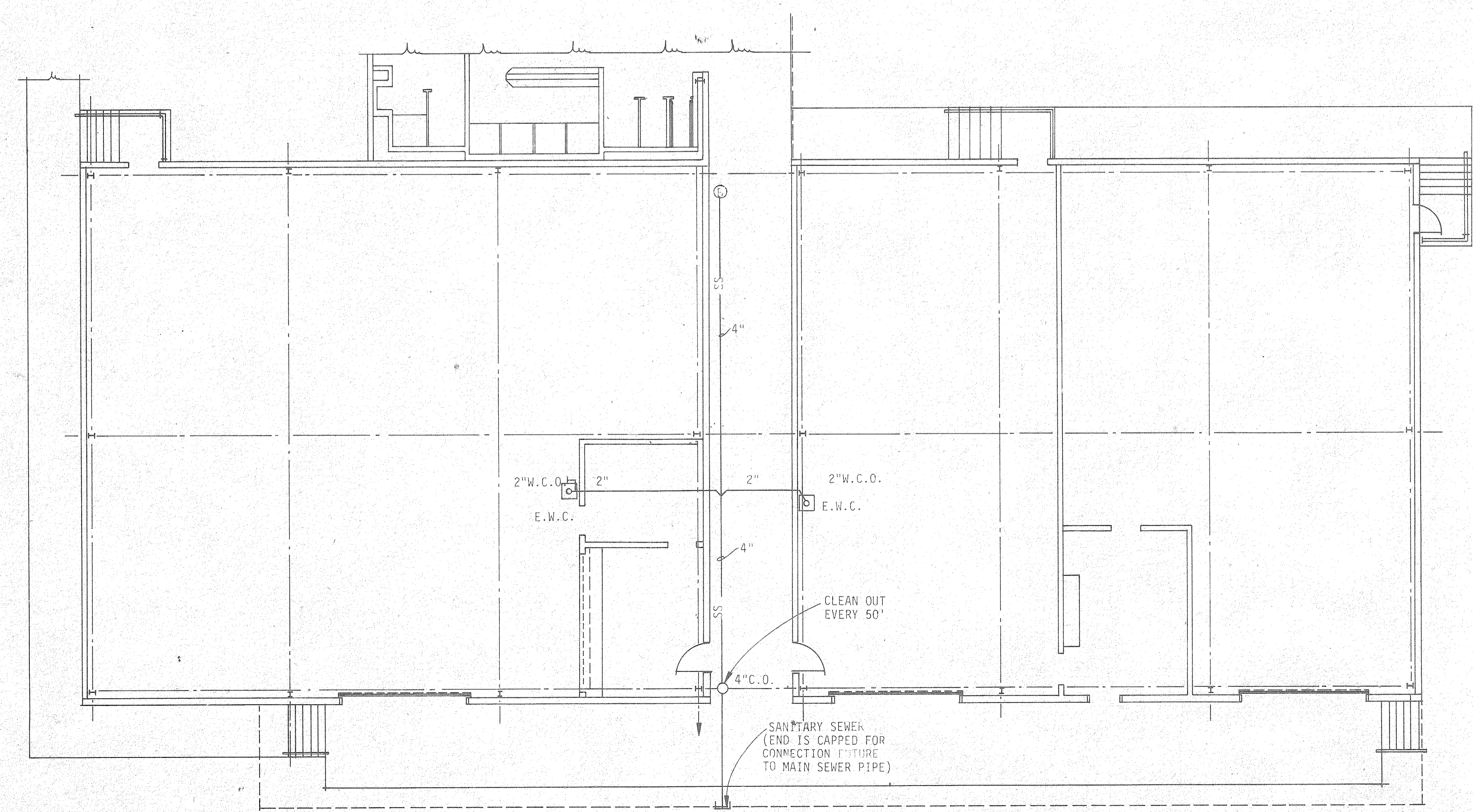
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED J.N.M.	DETAILED J.N.M.	TRACED M.F.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED D.J.H.
REVISIONS		
DATE 9/25/81		

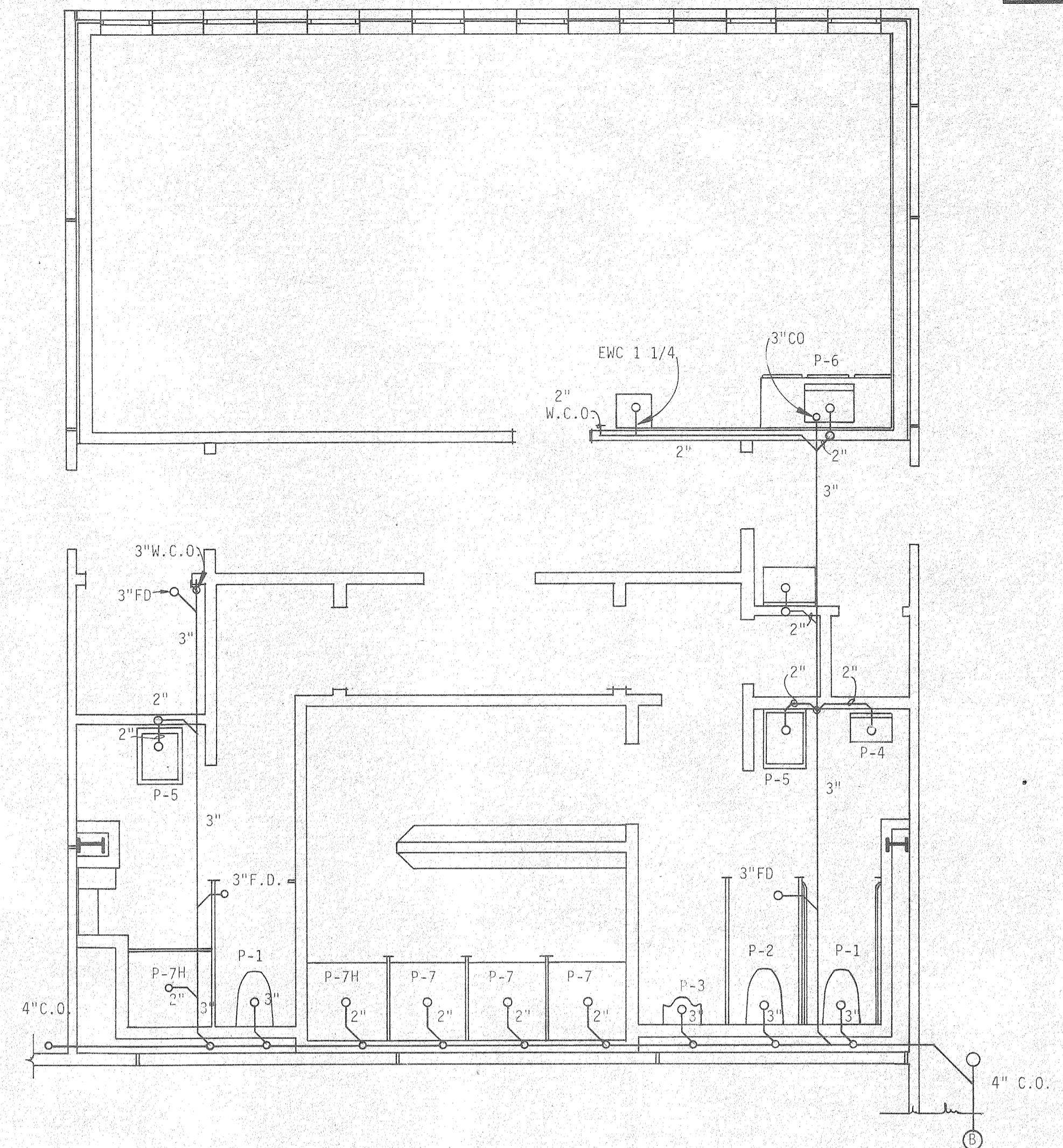


LEGEND

- P-1 HANDICAPPED WATER CLOSET
- P-2 WALL MOUNTED CLOSET
- P-3 WALL MOUNTED URINAL
- P-4 LAVATORY
- P-5 HANDICAPPED LAVATORY
- P-6 KITCHEN SINK
- P-7 SHOWERS
- P-7H HANDICAPPED SHOWER
- C.O. CLEAN OUT
- W.C.O. WALL CLEAN OUT
- ENC ELECTRIC WATERCOOLER
- V.T.R. VENT THRU ROOF
- F.D. FLOOR DRAIN
- H.B. HOSE BIBB (NON-FREEZE)
- S.S. SANITARY SEWER
- CH COLD WATER SUPPLY
- HW HOT WATER SUPPLY
- G GAS
- RISER (WATER, GAS)
- GATE VALVE
- CHECK VALVE
- HOSE BIBB

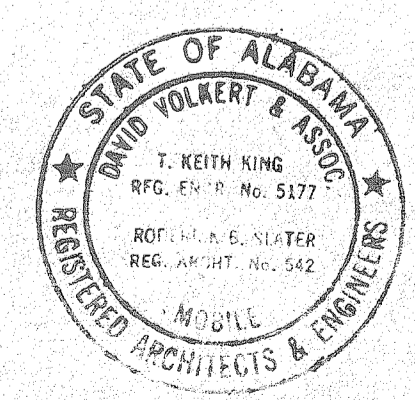


MECH. & ELECT. WAREHOUSE
SCALE: 1/8" = 1'-0"



LUNCH ROOM & SHOWERS
SCALE: 1/4" = 1'-0"

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

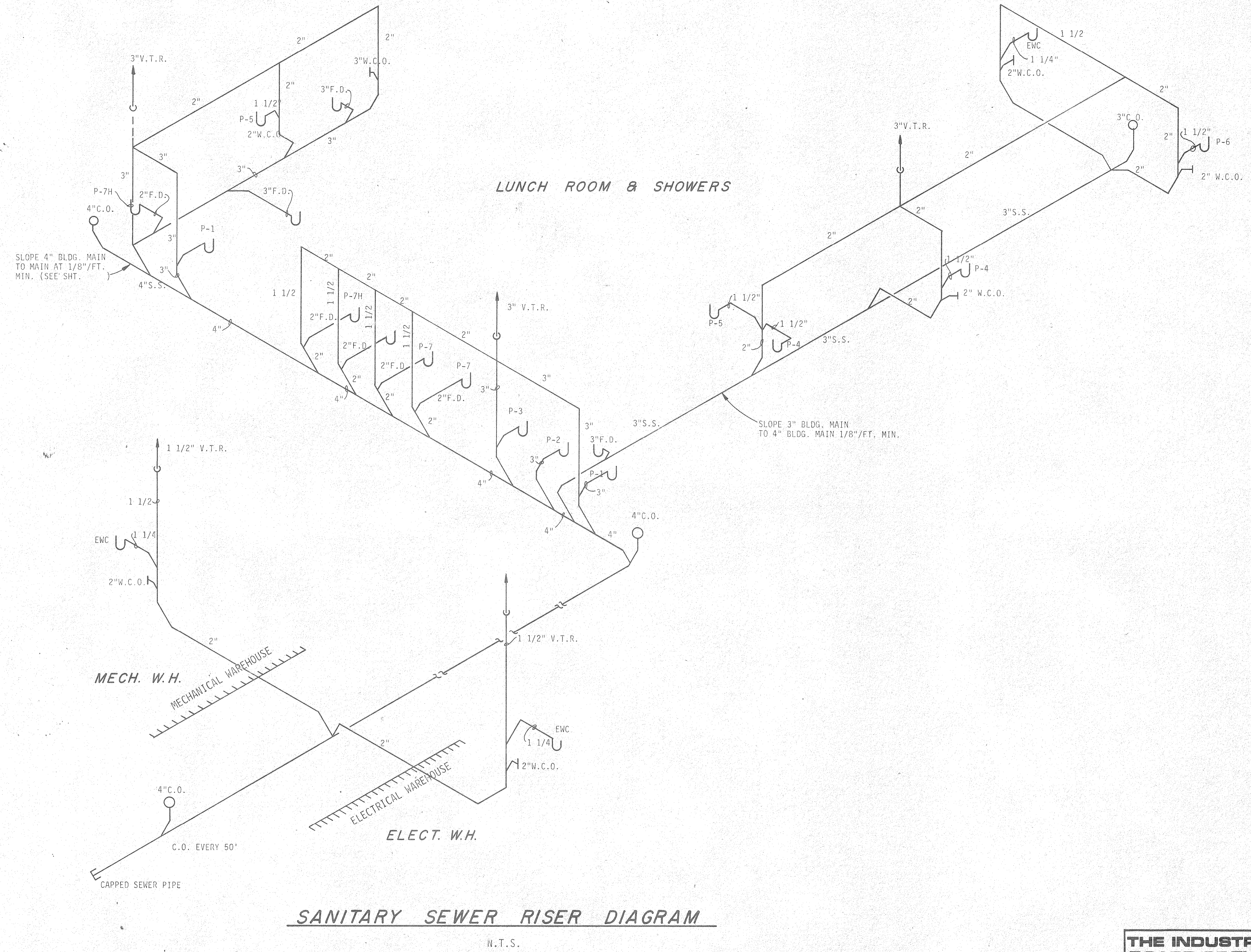
McDUFFIE TERMINAL PLANT EXP.
GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

SANITARY SEWER PLAN

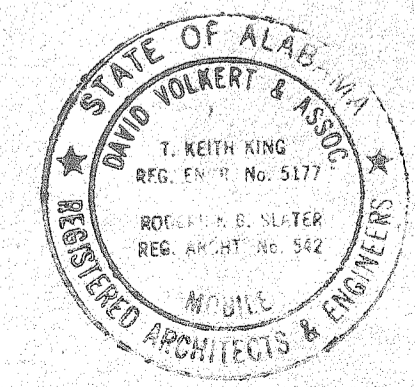
DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED J.N.M.	DETAILED J.N.M.	TRACED M.F.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED D.J.H.
DATE 9/25/81		

REVISIONS



REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINAL PLANT EXP.

GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

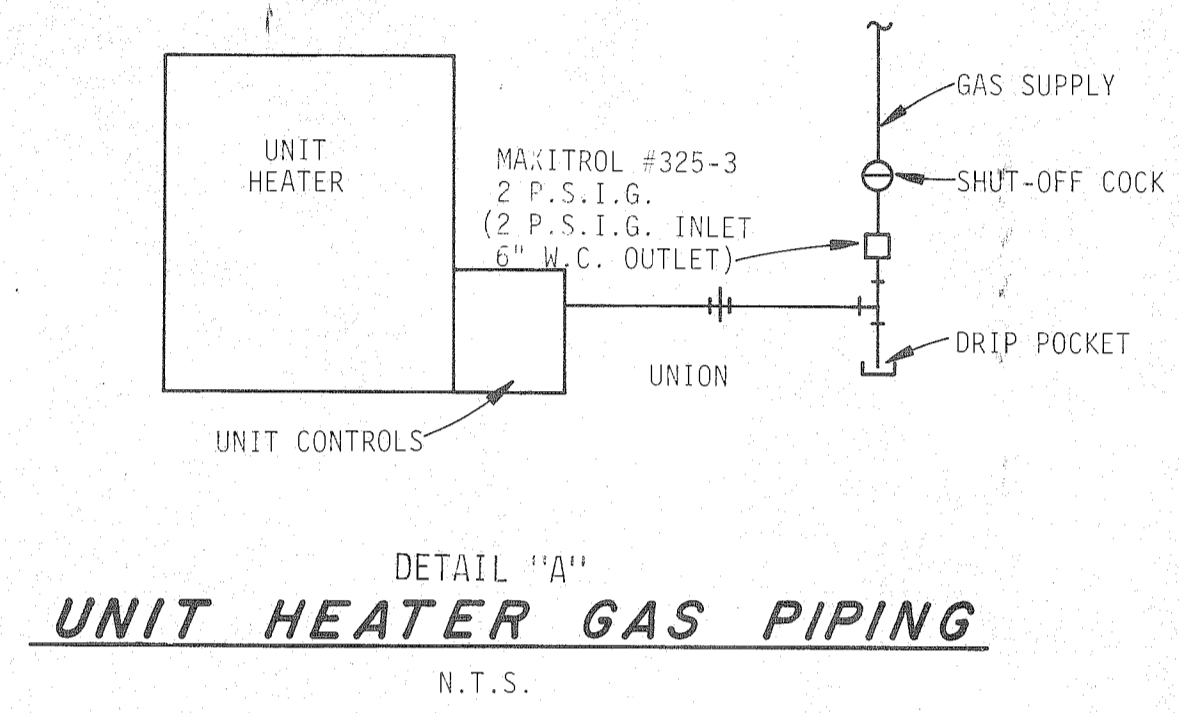
SANITARY SEWER RISER DIAGRAMS

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

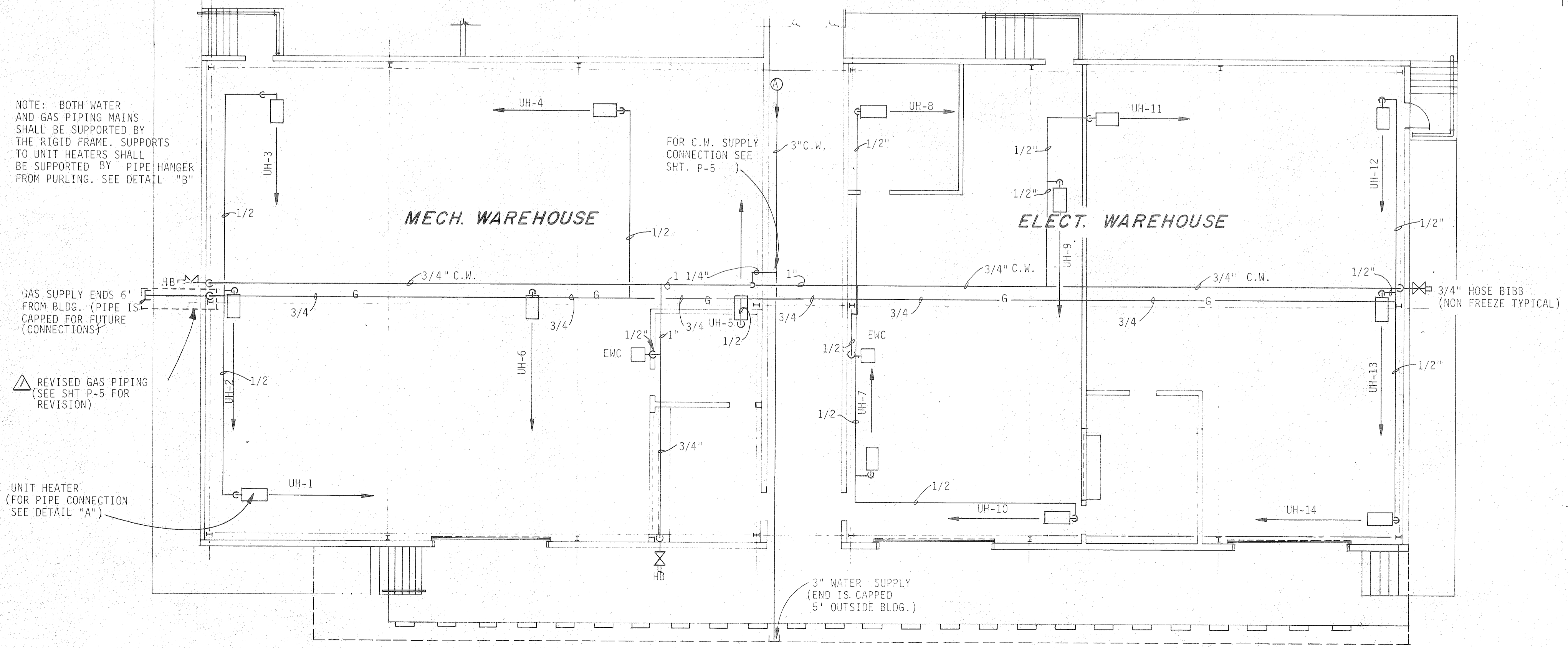
DESIGNED J.N.M.	DETAILED J.N.M.	TRACED M.F.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED D.J.H.
DATE 9/25/81		

REVISIONS	
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SPEC NO	SHEET NO
438	242.38
	P-4

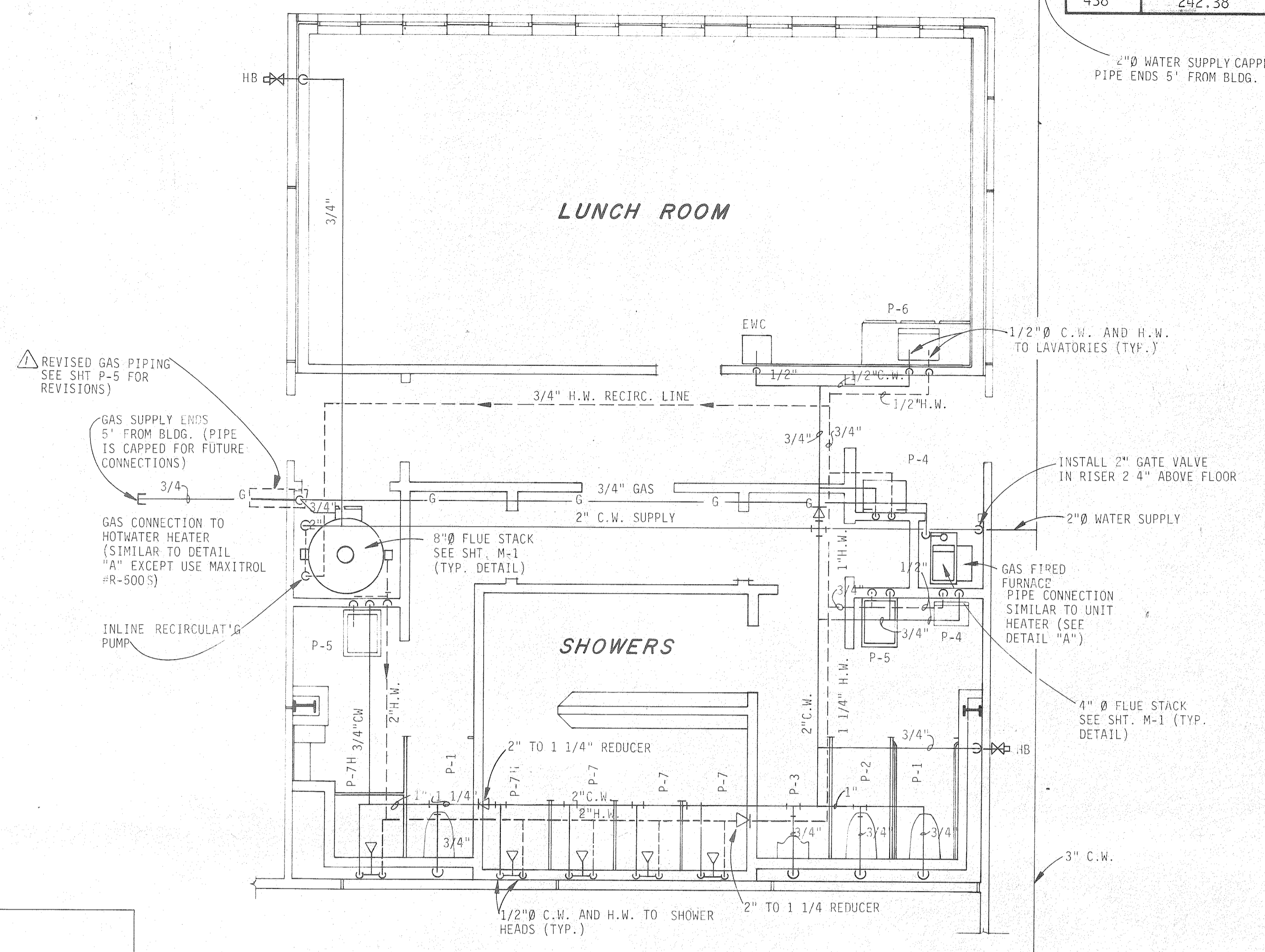


NOTE: BOTH WATER AND GAS PIPING MAINS SHALL BE SUPPORTED BY THE RIGID FRAME. SUPPORTS TO UNIT HEATERS SHALL BE SUPPORTED BY PIPE HANGER FROM PURLING. SEE DETAIL "B"



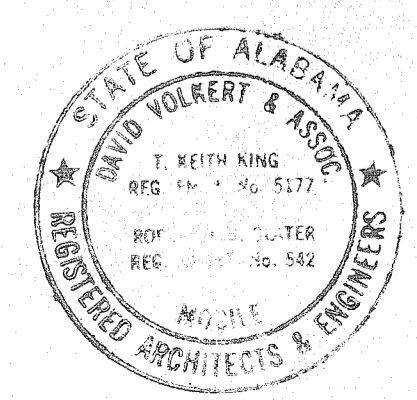
REFERENCE ONLY

MECH. & ELECT. WAREHOUSE
SCALE: 1/8" = 1'-0"



LUNCH ROOM & SHOWERS
SCALE: 1/4" = 1'-0"

- NOTES:
1. GAS PIPING MAIN BUILDING PRESSURE DOWN STREAM OF METER IS 2 P.S.I.G. PIPING AND REGULATORS (2 P.S.I.G. TO 6" W.C.) SHALL BE INSTALLED, AS INDICATED IN THE DETAIL FOR THE UNIT HEATER ON SHT. P-4 AT THE GAS FIRED FURNACE.
 2. RUN ALL WATER PIPING CONCEALED ABOVE CEILING EXCEPT DOWN RISERS AS INDICATED IN WALLS. SUPPORT AS INDICATED ON SHEET NO. P-5. PROVIDE RIGID INSULATION SADDLES AND 6" LONG, 180° 18 GAGE GALV. STEEL SHIELDS AT HANGERS.
 3. SLOPE ALL "HORIZONTAL" SANITARY SEWER LINES 1/8" FT. MIN.
 4. SLOPE "HORIZONTAL" COLD WATER LINES AT 1"/40 FT. TO NON-FREEZE HOSE HYDRANTS AT LOW POINTS FOR DRAINING.
 5. SLOPE ALL "HORIZONTAL" HOT WATER PIPING AT 1"/40 FT. TO A LOW POINT WITH DRAIN VALVE OVER THE FLOOR DRAIN ADJACENT TO THE HOT WATER HEATER.



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINAL PLANT EXP.

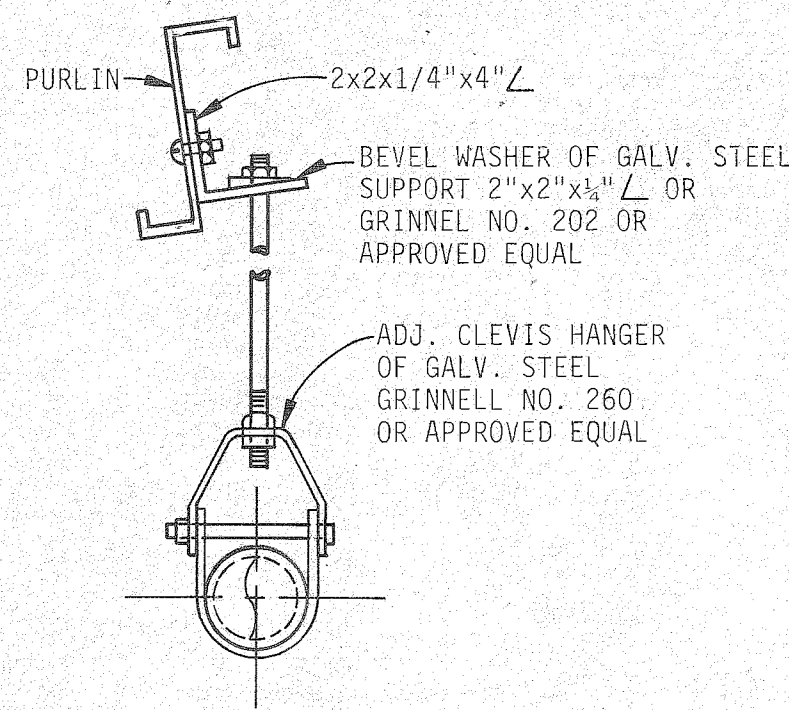
GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

PLUMBING & GAS PLANS

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

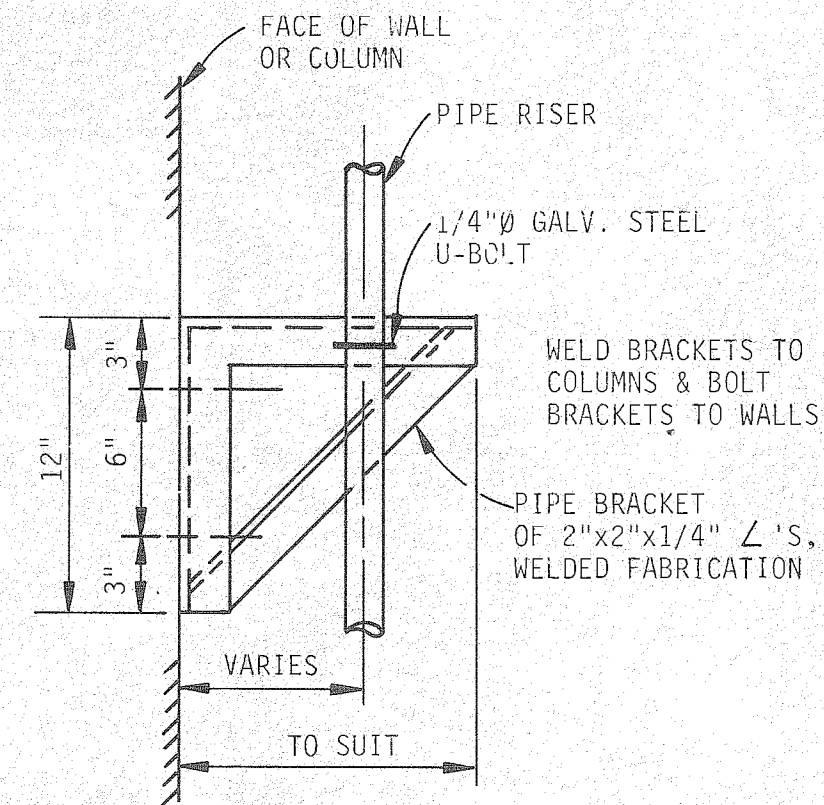
DESIGNED J.N.M.	DETAILED J.N.M.	TRACED M.E.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED D.J.H.
DATE 9/28/81		

REVISIONS	1. REVISED GAS PIPING (SEE SHT. P-5 FOR REVISIONS)
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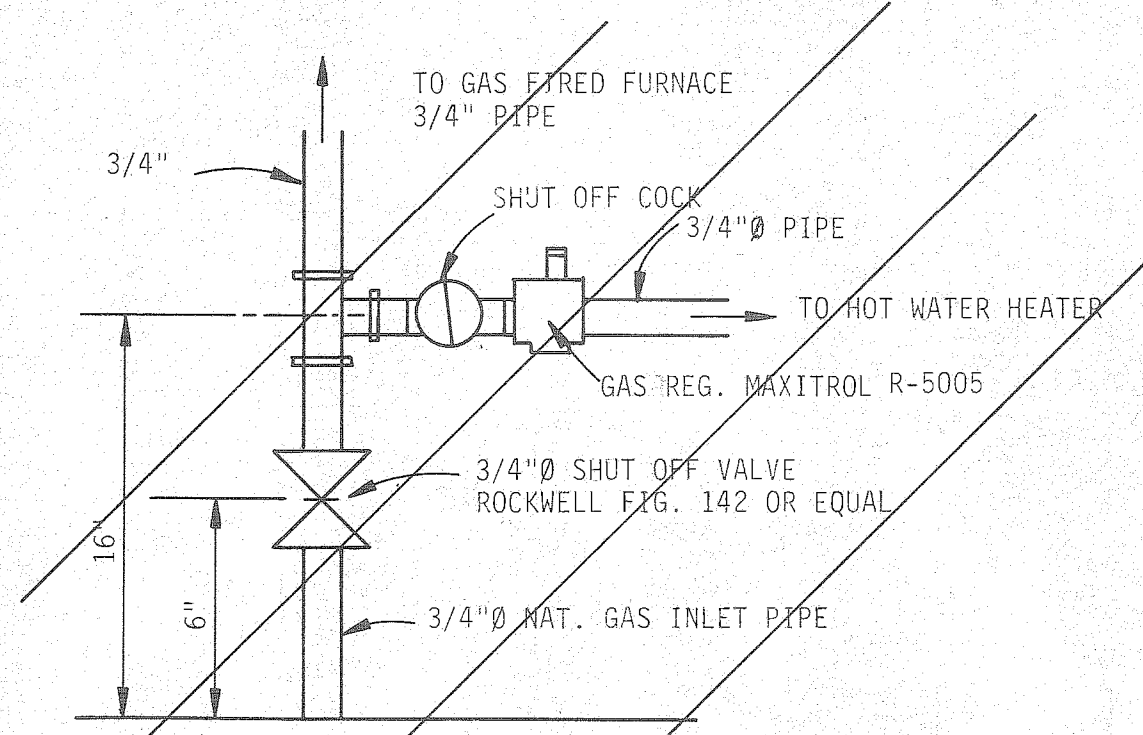
DETAIL "B" TYP. PIPING SUPPORT FROM ROOF PURLINS

N.T.S.



DETAIL "C" TYP. PIPE RISER SUPPORT

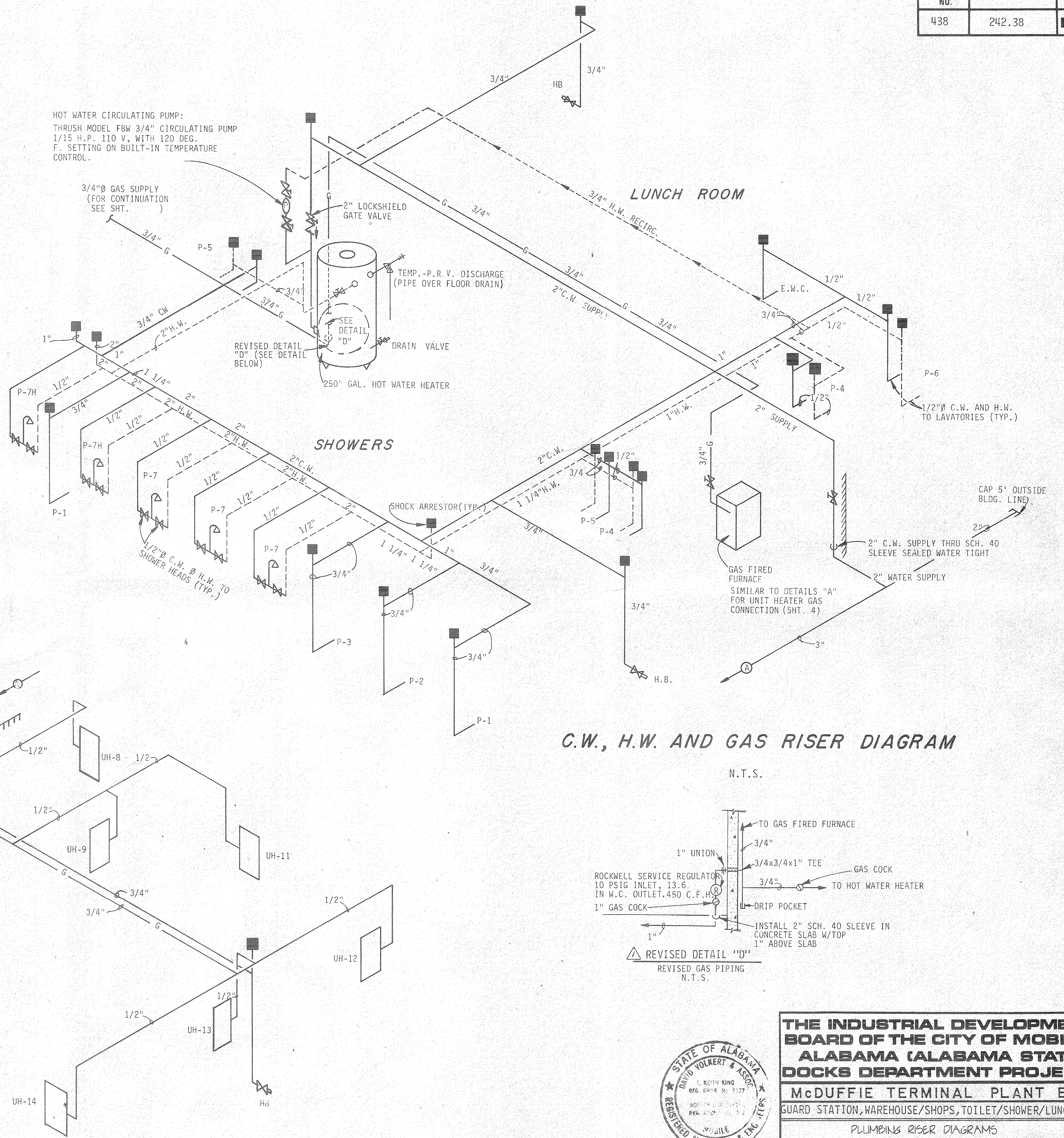
N.T.S.



DETAIL "D" GAS SUPPLY TO HOT WATER HEATER & FURNACE

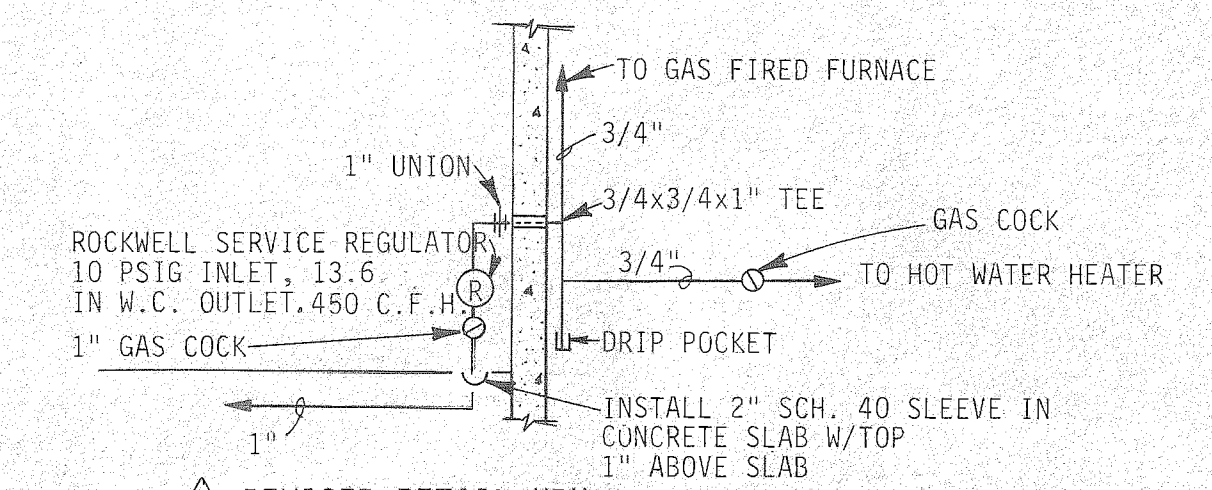
N.T.S.

HOT WATER CIRCULATING PUMP:
THRU MODEL FBW 3/4" CIRCULATING PUMP
1/15 H.P. 110 V. WITH 120 DEG.
F. SETTING ON BUILT-IN TEMPERATURE
CONTROL.

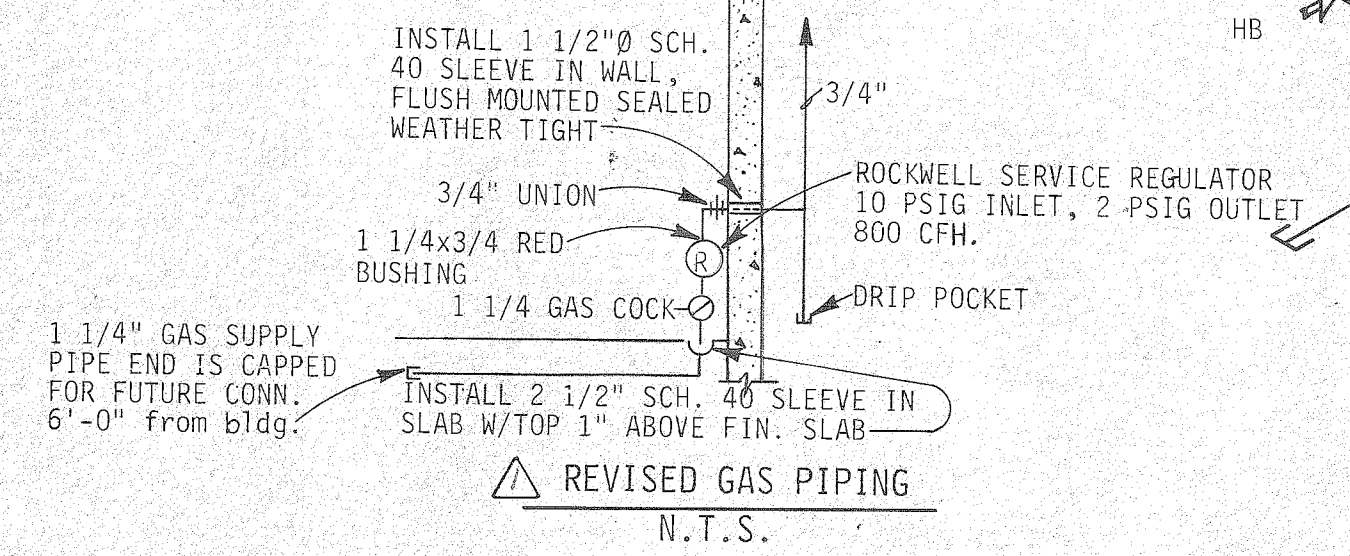


C.W., H.W. AND GAS RISER DIAGRAM

N.T.S.



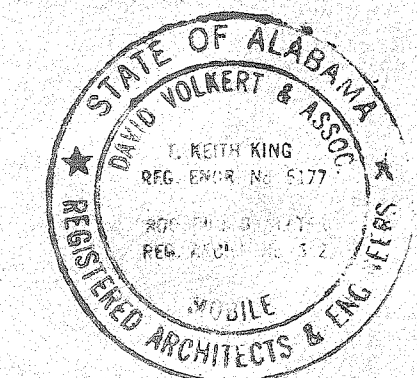
REVISED DETAIL "D" REVISED GAS PIPING N.T.S.



REVISED GAS PIPING N.T.S.

C.W. AND GAS RISER DIAGRAM N.T.S.

REFERENCE ONLY



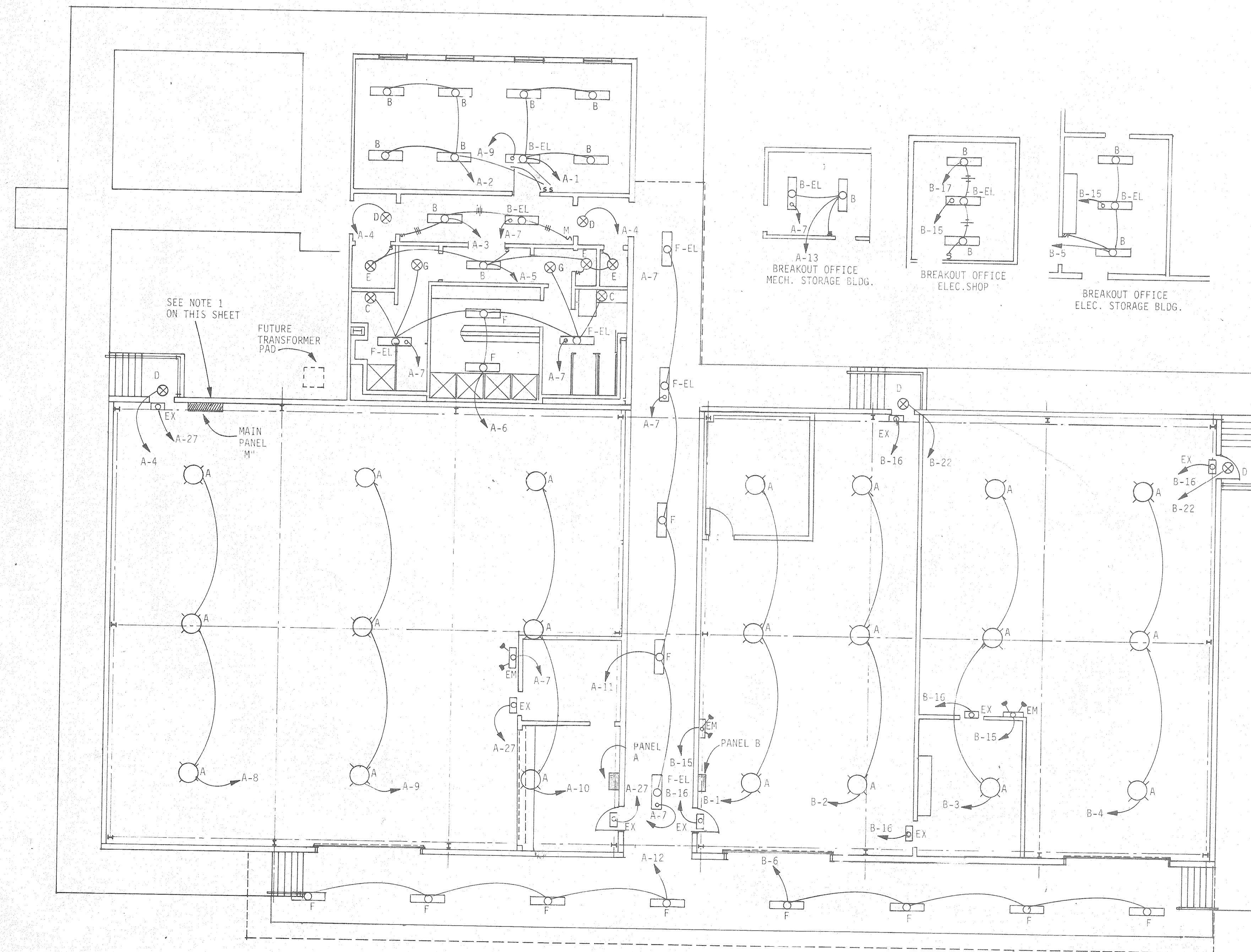
THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
 PLUMBING RISER DIAGRAMS

DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

DESIGNED	J.N.M.	DETAILED	J.N.M.	TRACED	M.E.L.
CHECKED	D.J.H.	CHECKED	D.J.H.	CHECKED	D.J.H.
REVISIONS		DATE 9/25/81			

NOTES:

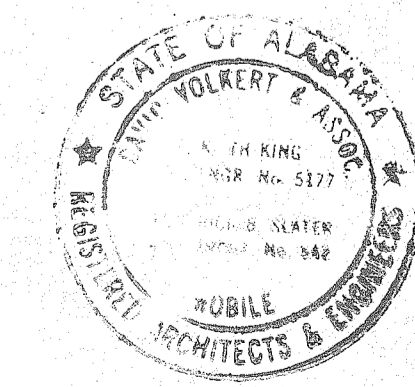
1. SEE SHEET NO. E5 FOR SCHEDULES AND LEGEND.



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

MARK	MANUFACTURER	CATALOG NO.	LAMPS		MOUNTING	REMARKS
			NO.	TYPE		
A	GENERAL ELECTRIC	C768N302	1	250W LUCALOX	ON PURLIN	
B	LITHONIA	LB-240-A-120	2	F40/RS WATTMISER	SURFACE	
B-EL	LITHONIA	LB-240-A-120	2	F40/RS WATTMISER	SURFACE	EMERGENCY LIGHTING FIXTURE
C	ART METAL	WALL BRACKETS 3559 A-A	2	75W/A19	SURFACE	WITH RECEPTACLE ABOVE MIRROR
D	HOLOPHANE	WALL PACKETTE NO. 400	1	100W/A19	SURFACE	ABOVE DOOR
E	LEVITON	9874	1	75W/A19	SURFACE	
F	LITHONIA	DVL 240-A-120	2	F40/RS WATTMISER	SURFACE	
F-EL	LITHONIA	DVL 240-A-120	2	F40/RS WATTMISER	SURFACE	EMERGENCY LIGHTING FIXTURE
G	PRESCOLITE	90 RM-3	1	100W/A19	RECESSED	
EX	LITHONIA	ES1R- EL	2	20W/120V	ABOVE DOOR	6V EMERGENCY LIGHT
EM	LITHONIA	ELU-4	2	PAR 36	SURFACE	MOUNT 8" HEIGHT

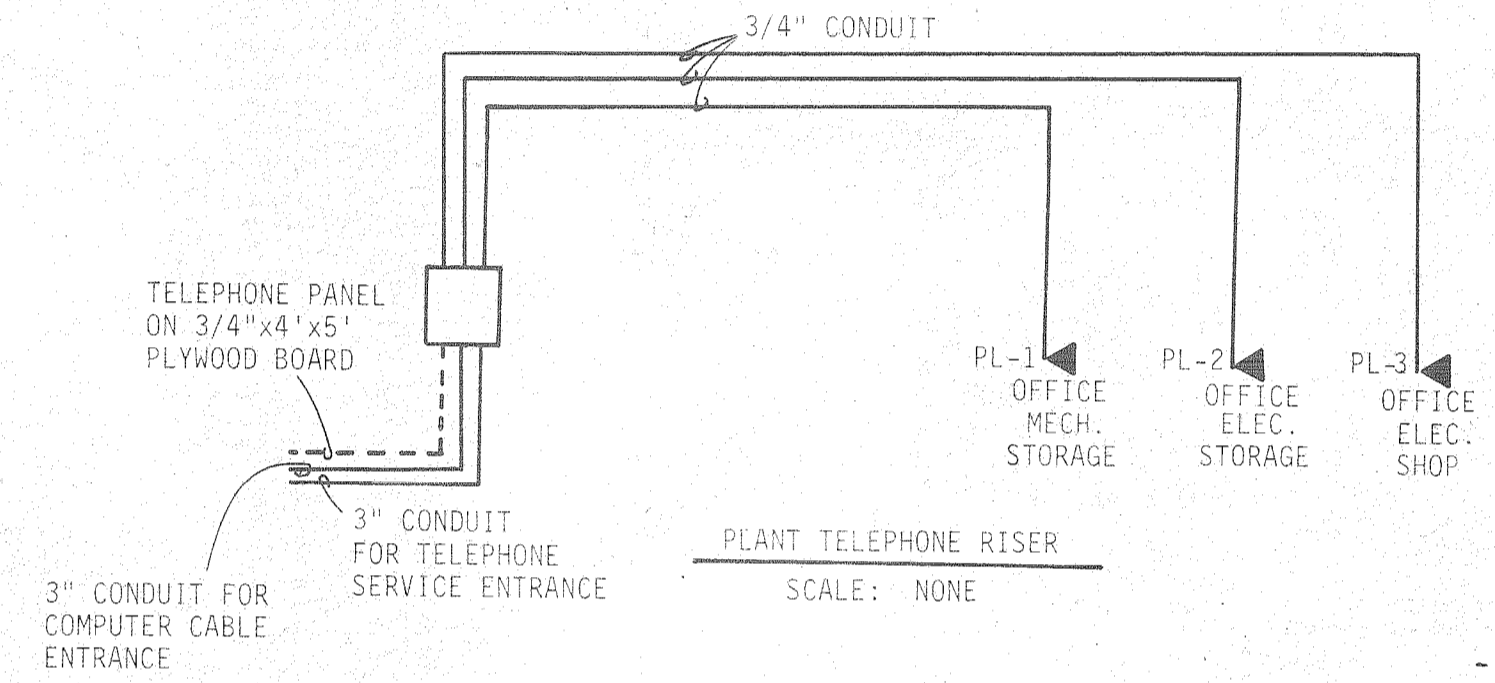
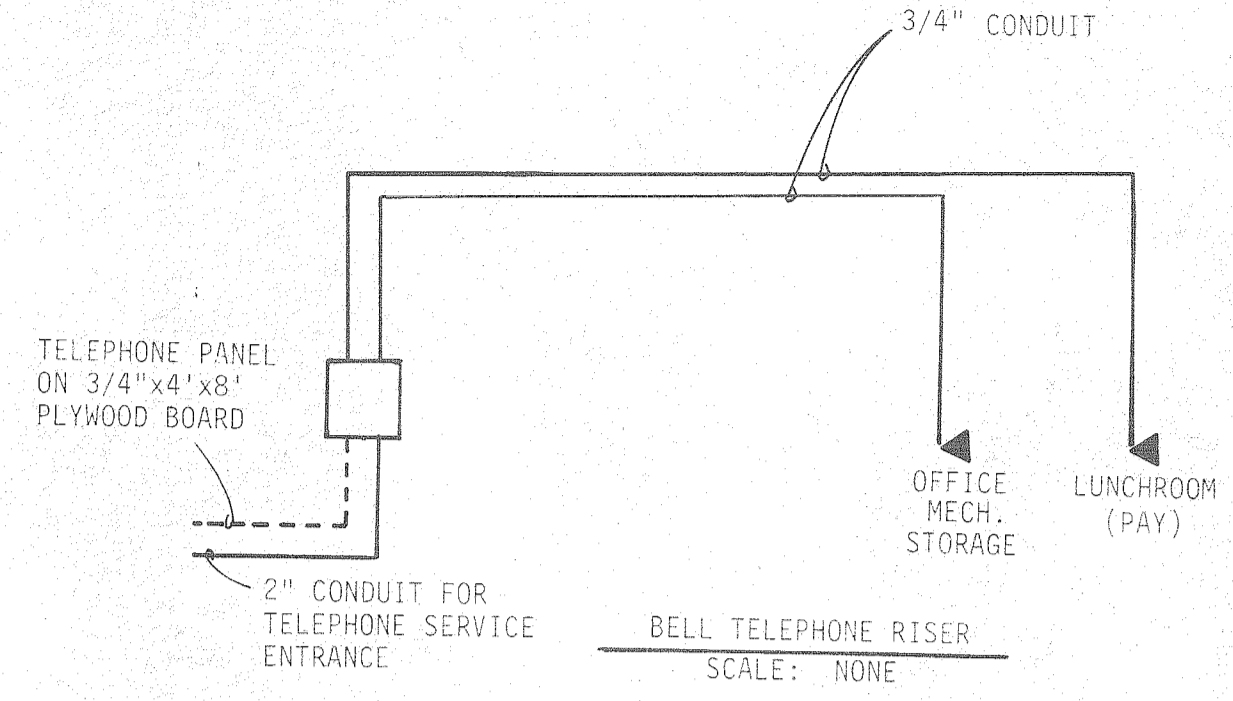
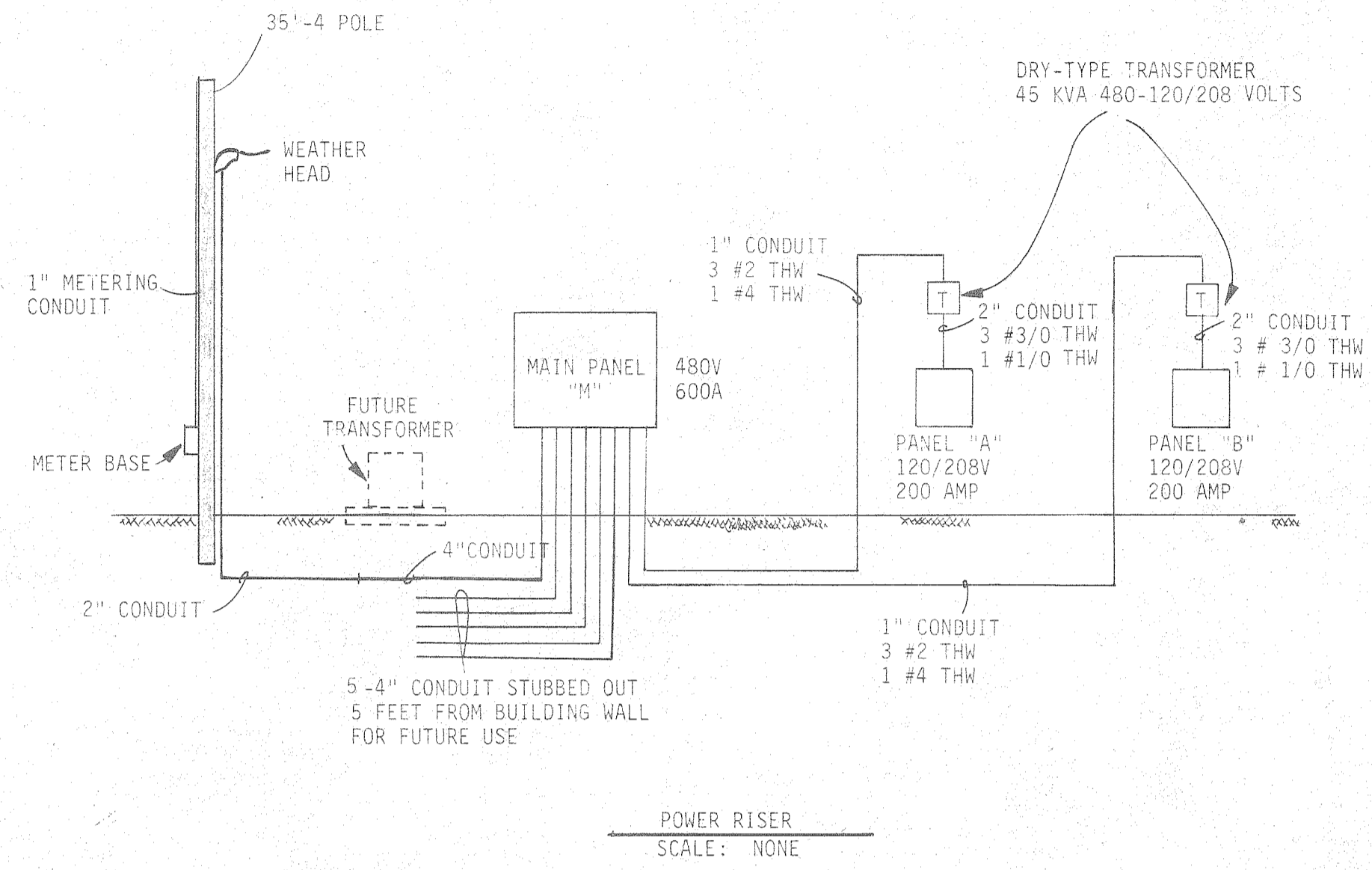
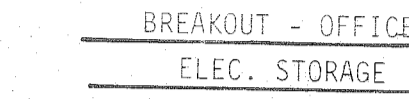
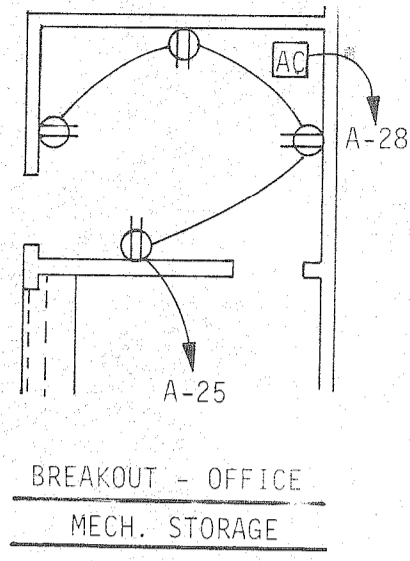
REFERENCE ONLY



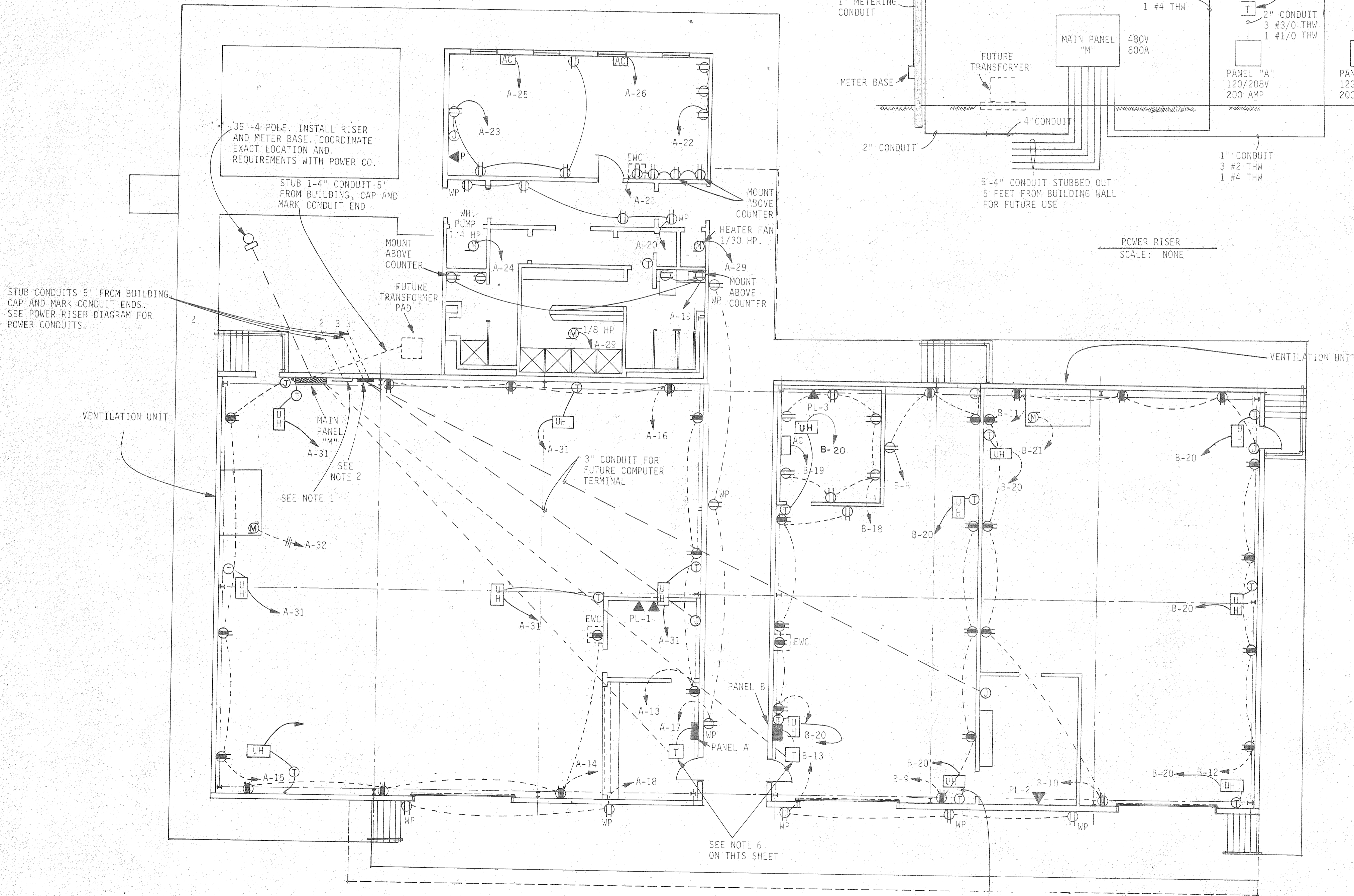
THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINAL PLANT EXP.
 GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM
 WAREHOUSE/SHOPS LIGHTING PLAN

DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS
 DESIGNED N.C.A. DETAILED N.C.A. TRACED R.A.B.
 CHECKED C.N.R. CHECKED C.N.R. CHECKED C.N.R.
 DATE 9/25/81

REVISIONS	DATE



- NOTES:
1. INSTALL 24" x 12" x 3/4" PLYWOOD BACKBOARD FOR SOUTH CENTRAL BELL TELEPHONE INSTALLATION. INSTALL GROUND LUG ON BOARD AND CONNECT TO BUILDING GROUND WITH NO. 6 SDBC.
 2. INSTALL 36"x48"x3/4" PLYWOOD BACKBOARD FOR PLANT TELEPHONE SYSTEM INSTALLATION. INSTALL GROUND SAME AS SOUTH CENTRAL BELL BACKBOARD.
 3. PAINT BOTH BOARDS TO MATCH WALLS.
 4. CONDUITS FOR TELEPHONE, COMPUTER AND POWER SHALL BE GALVANIZED METAL (IMC) AND SHALL BE CONCRETE ENCASED, 30" MINIMUM DEPTH OF BURIAL.
 5. SEE SHEET NO. E5 FOR SCHEDULES AND LEGEND.
 6. MOUNT TRANSFORMERS ABOVE PANELS AT 7' 9" A.F.F.



REFERENCE ONLY

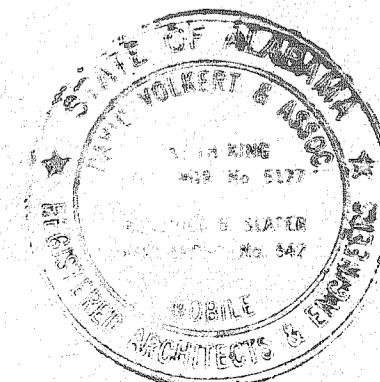
THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINAL PLANT EXP.
GUARD STATION, WAREHOUSE/SHOPS, TOILET/SHOWER/LUNCHROOM

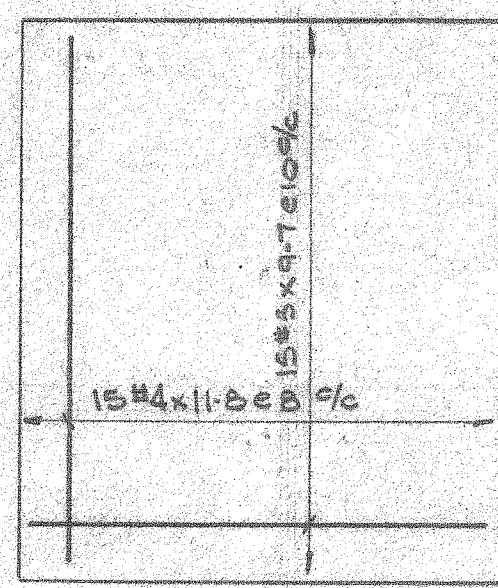
WAREHOUSE/SHOPS POWER PLAN

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

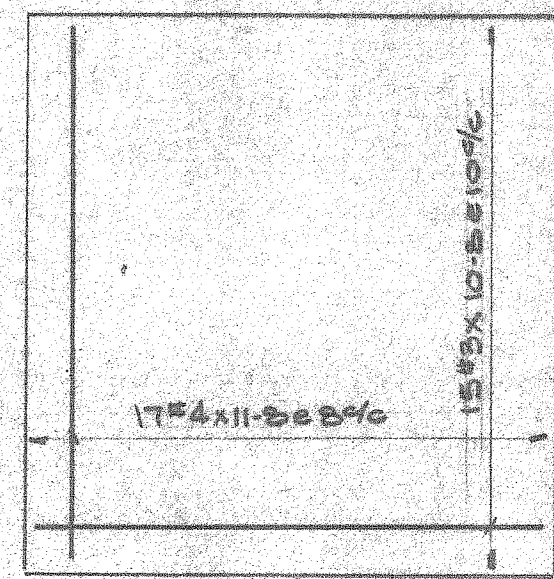
DESIGNED	N.C.A.	DETAILED	N.C.A.	TRACED	R.A.B.
CHECKED	C.N.R.	CHECKED	C.N.R.	CHECKED	C.N.R.



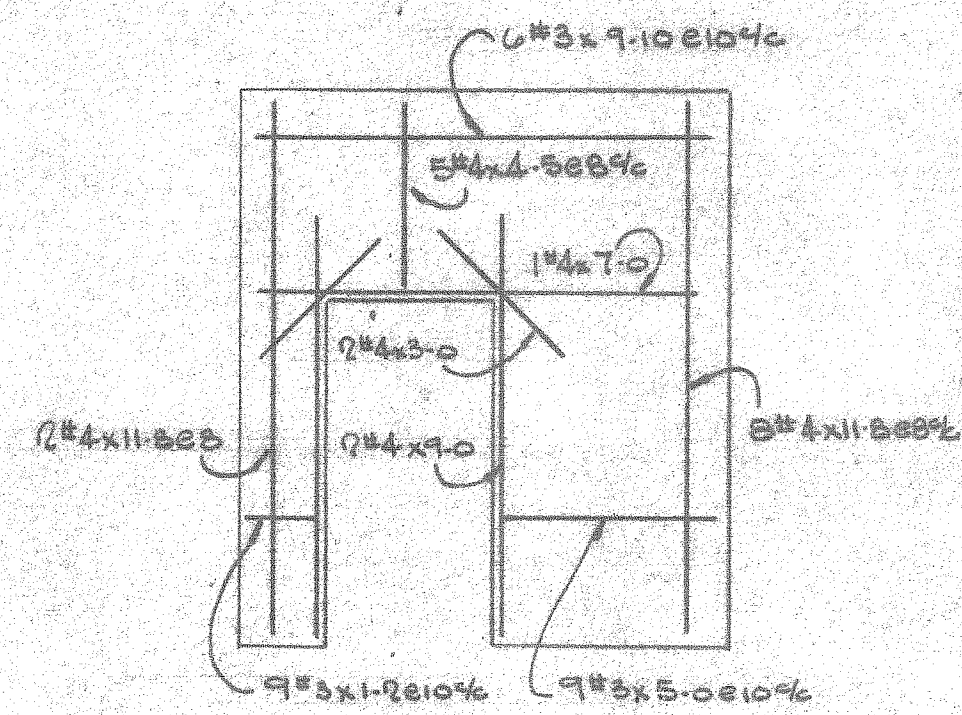
REVISIONS	DATE 9/25/81
-----------	--------------



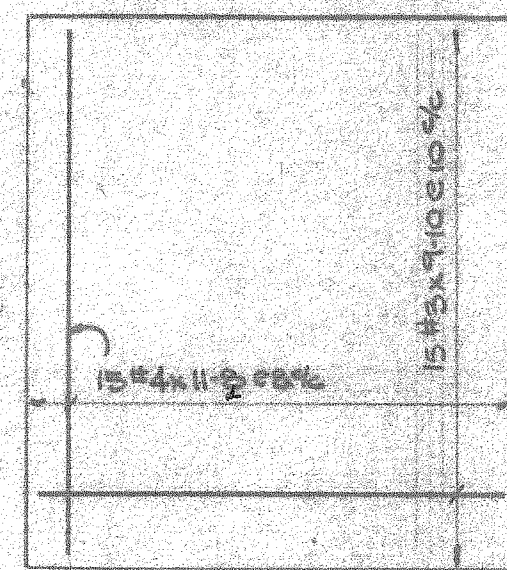
P1 15REQD



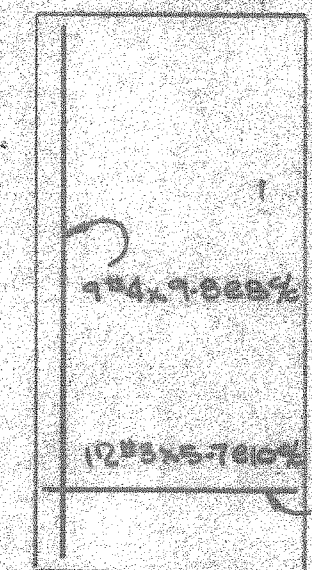
P2 1REQD P3 2REQD



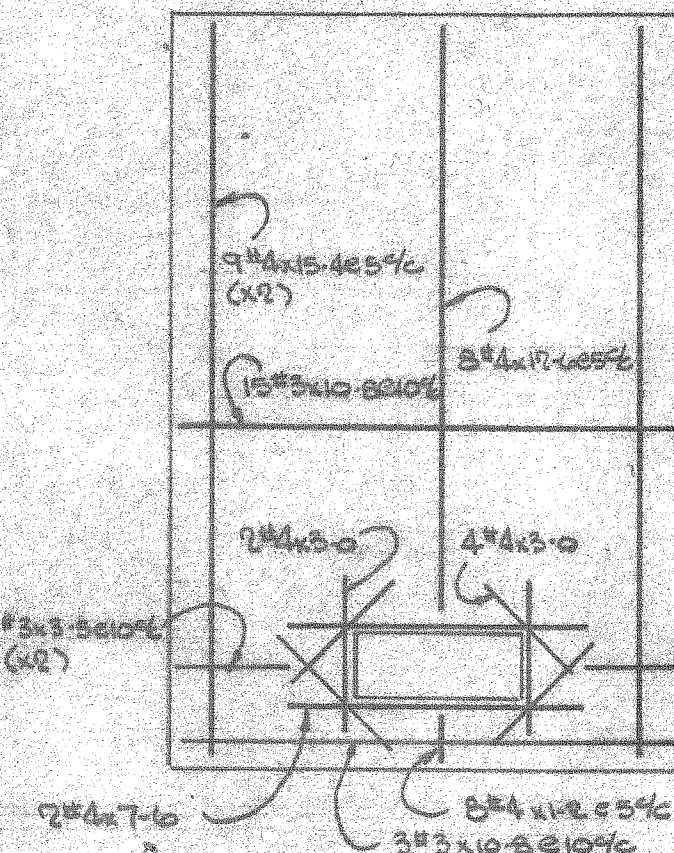
P4 1REQD



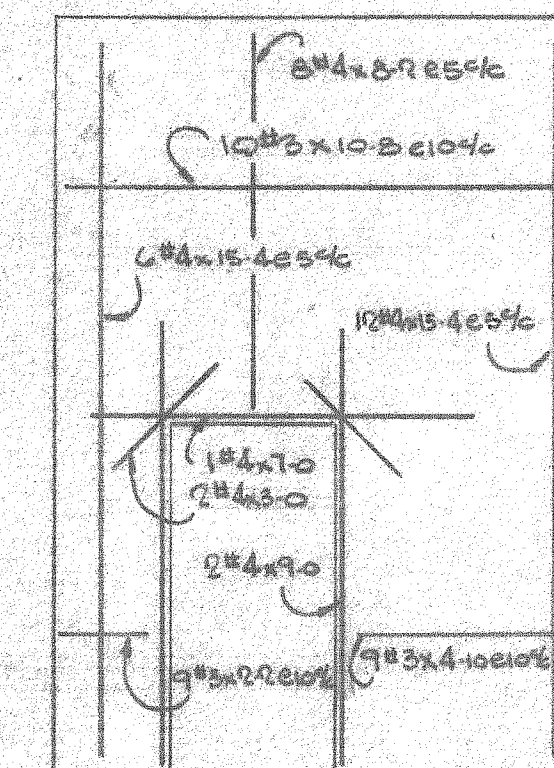
P5 3REQD P6 2REQD



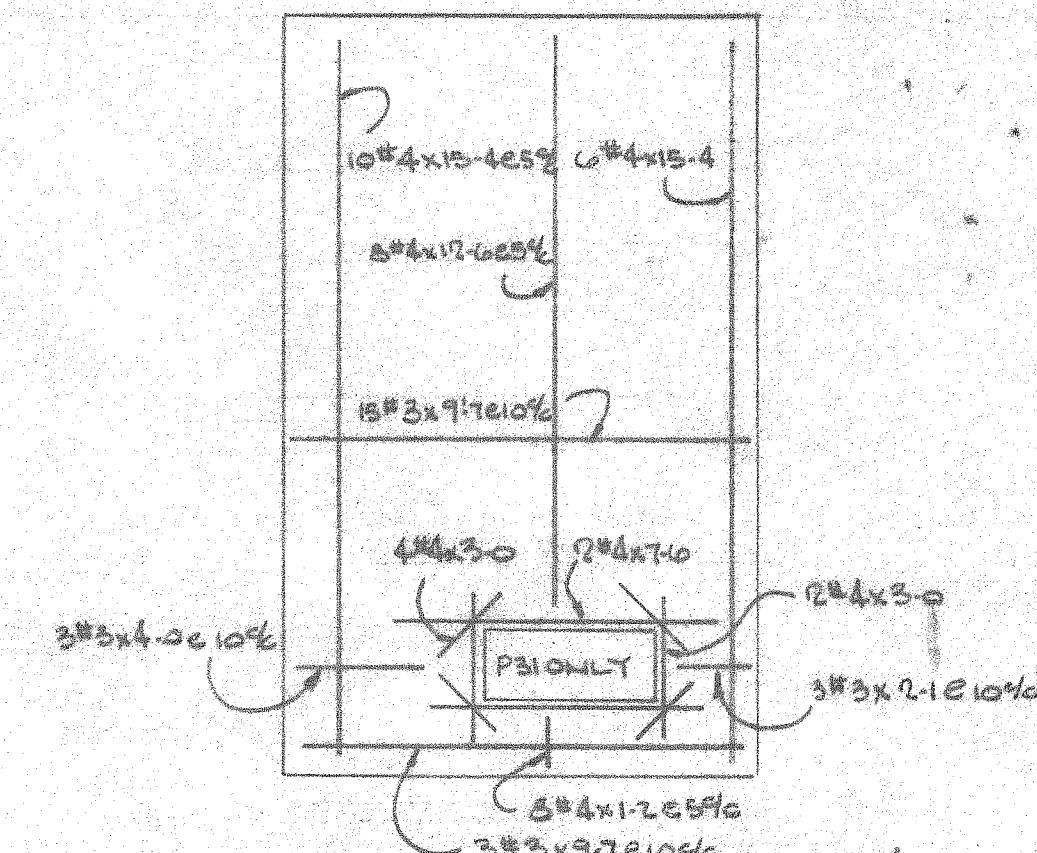
P8 1REQD



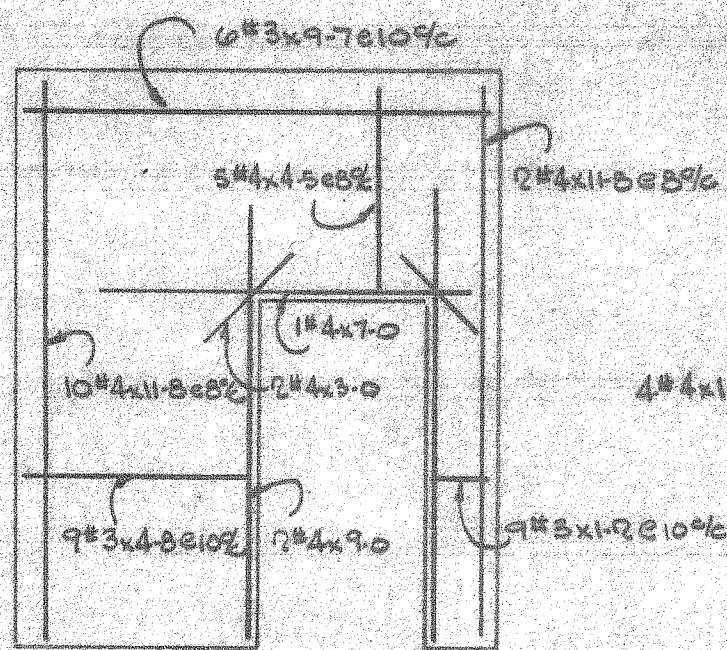
P9 1REQD P13 1REQD



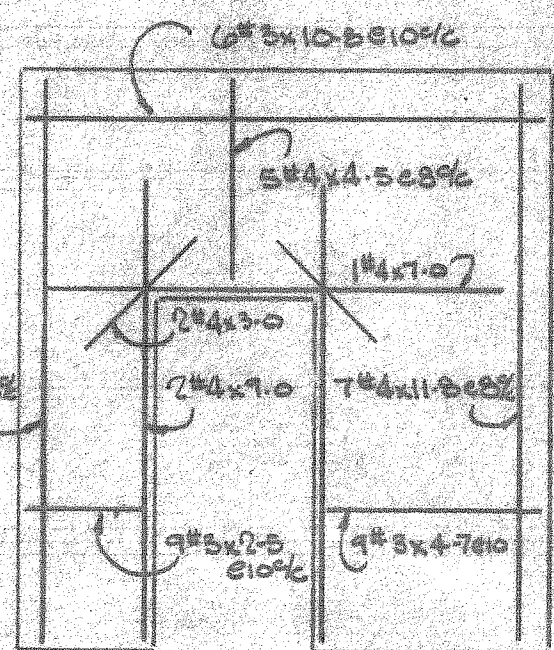
P10 1REQD P12 1REQD



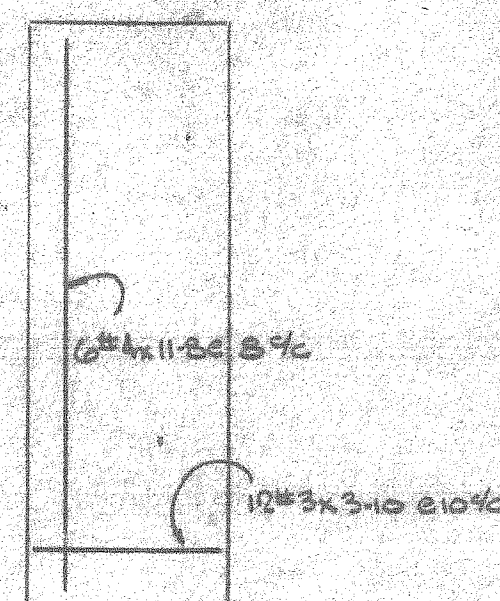
P11 5REQD P21 1REQD



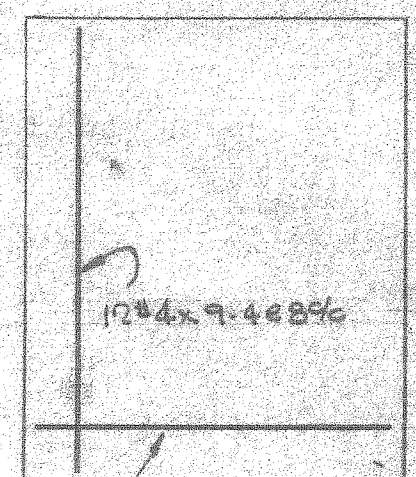
P14 1REQD



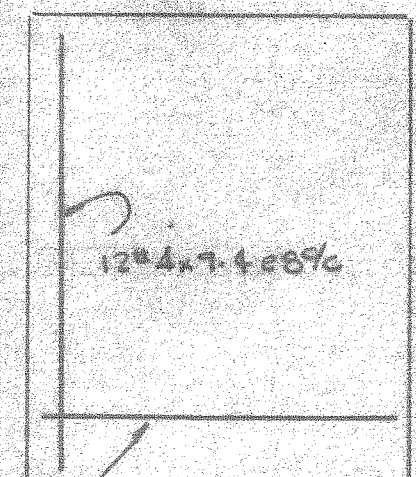
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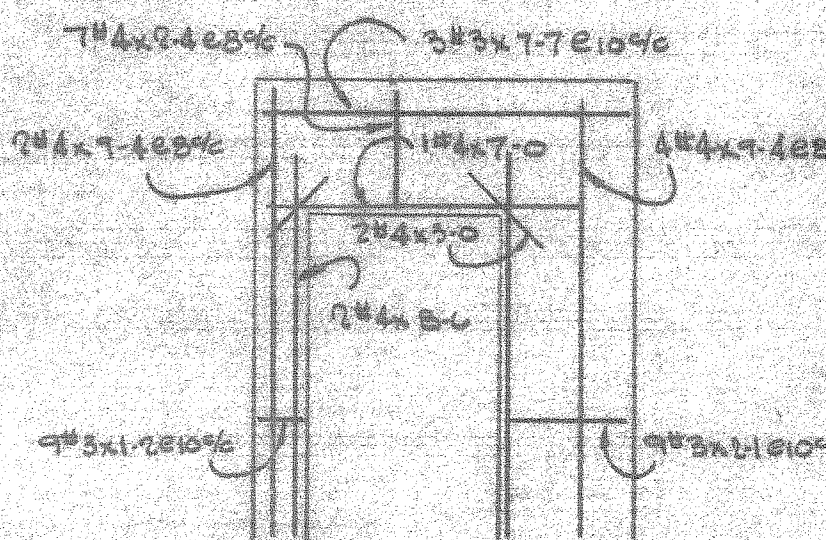
P16 1REQD



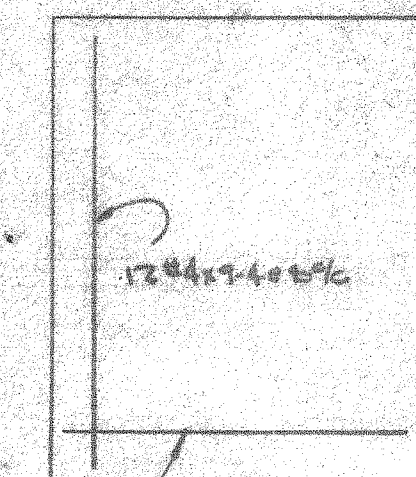
P17 1REQD P18 1REQD



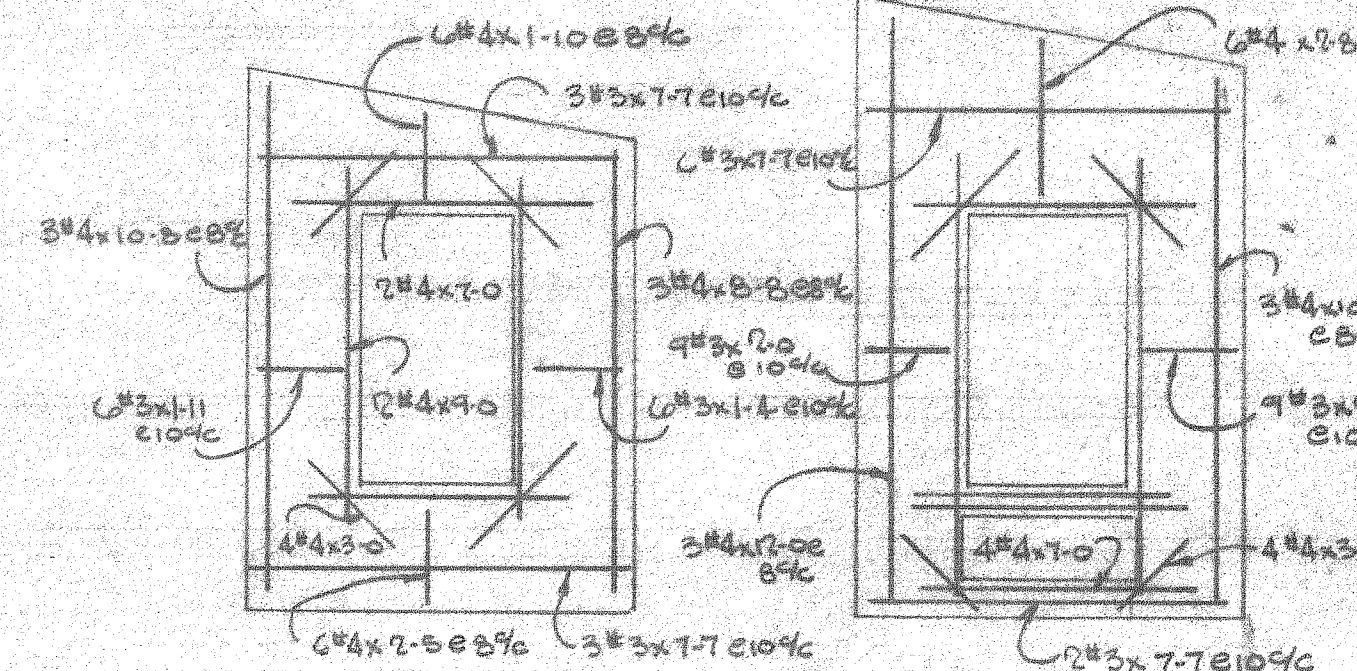
P19 4REQD



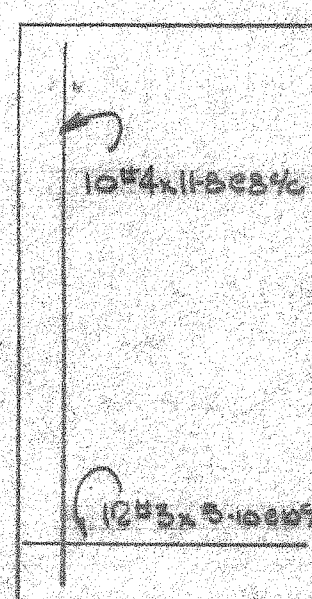
P20 1REQD P27 1REQD



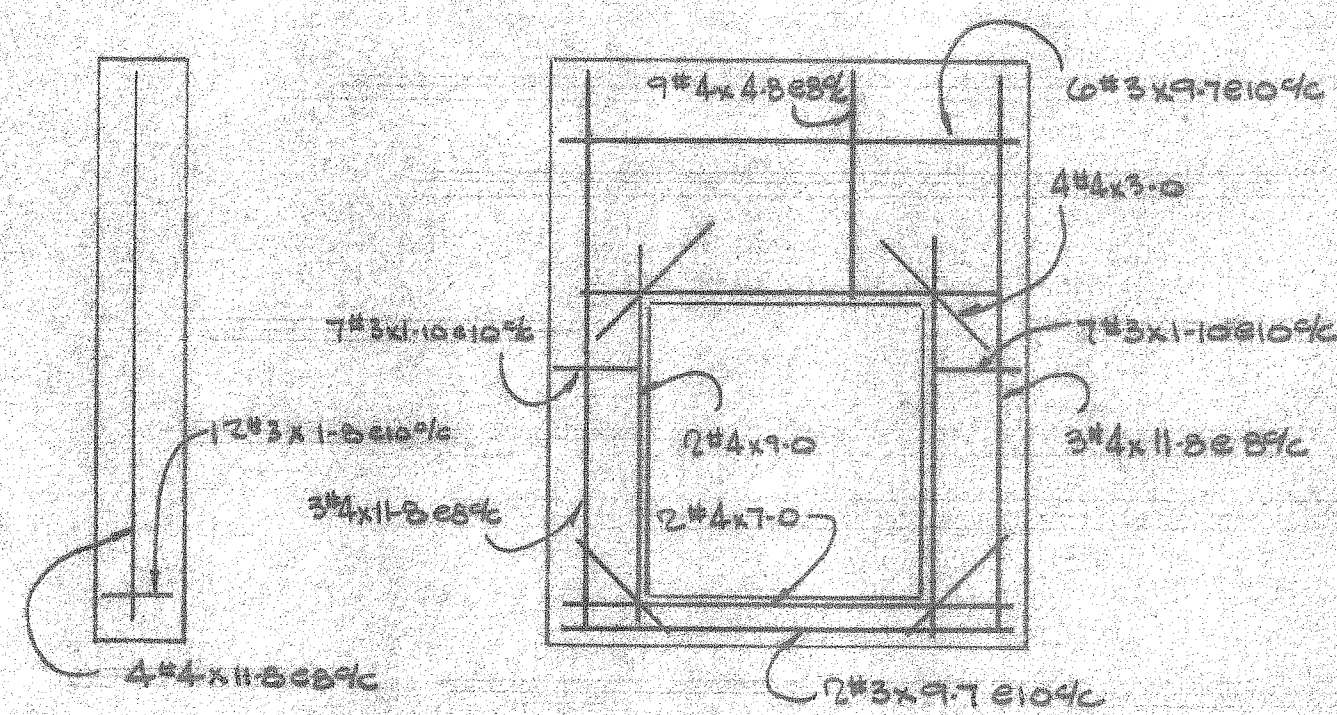
P21 1REQD P26 1REQD



P22 1REQD P25 1REQD P23 1REQD P24 1REQD



P17 1REQD



P18 2REQD P19 1REQD P20 2REQD

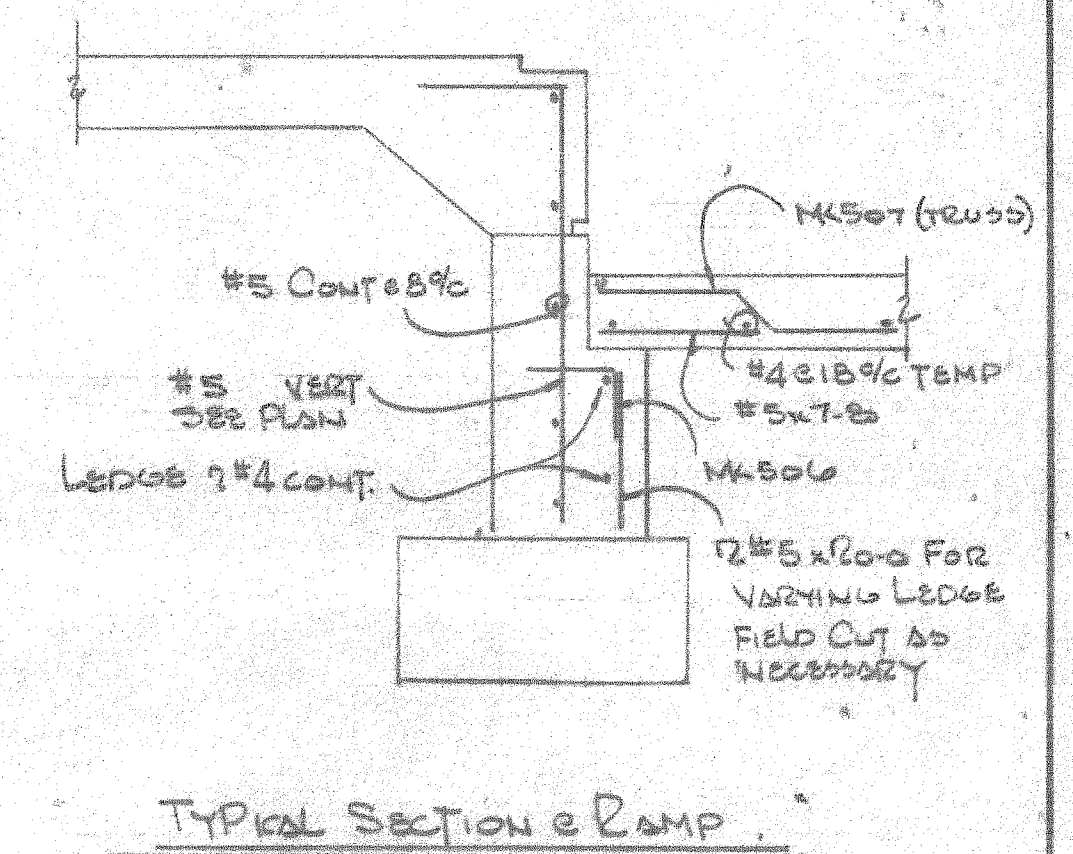
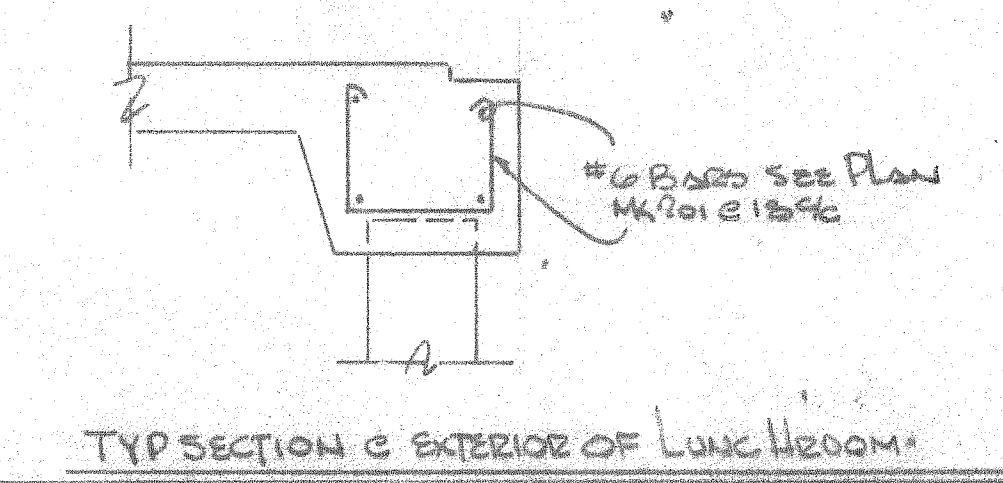
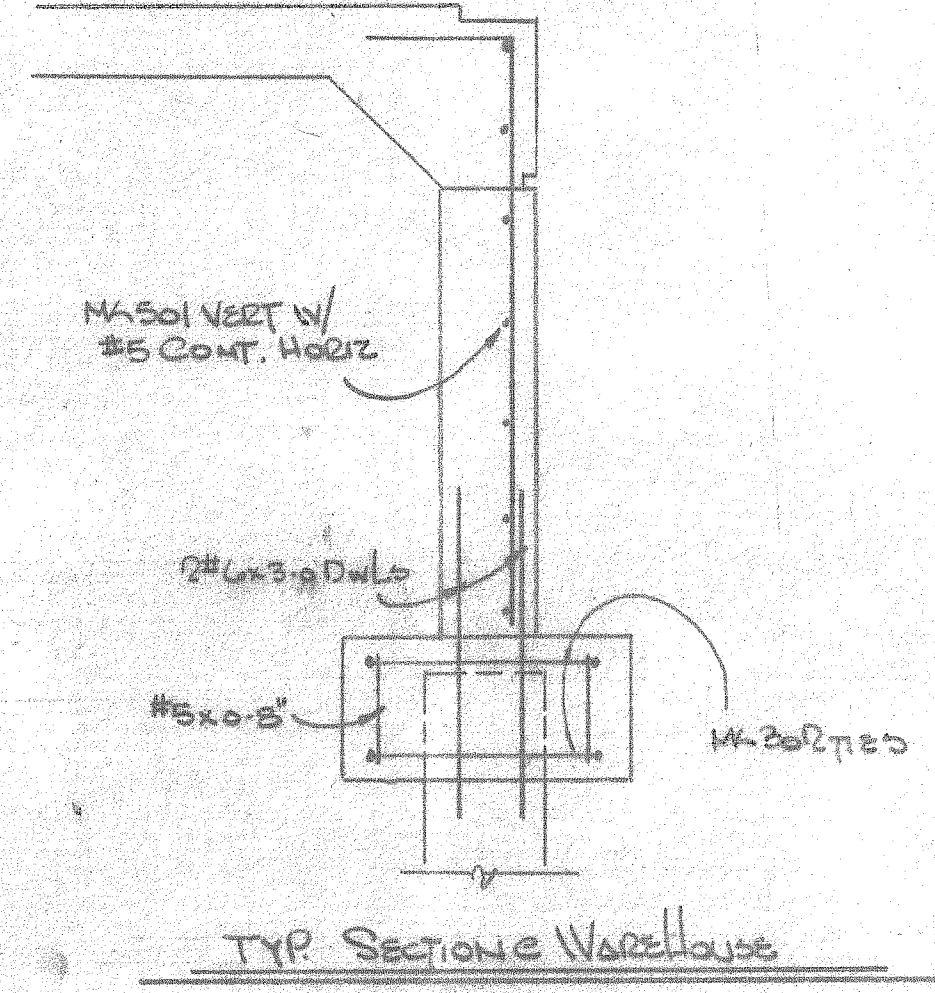
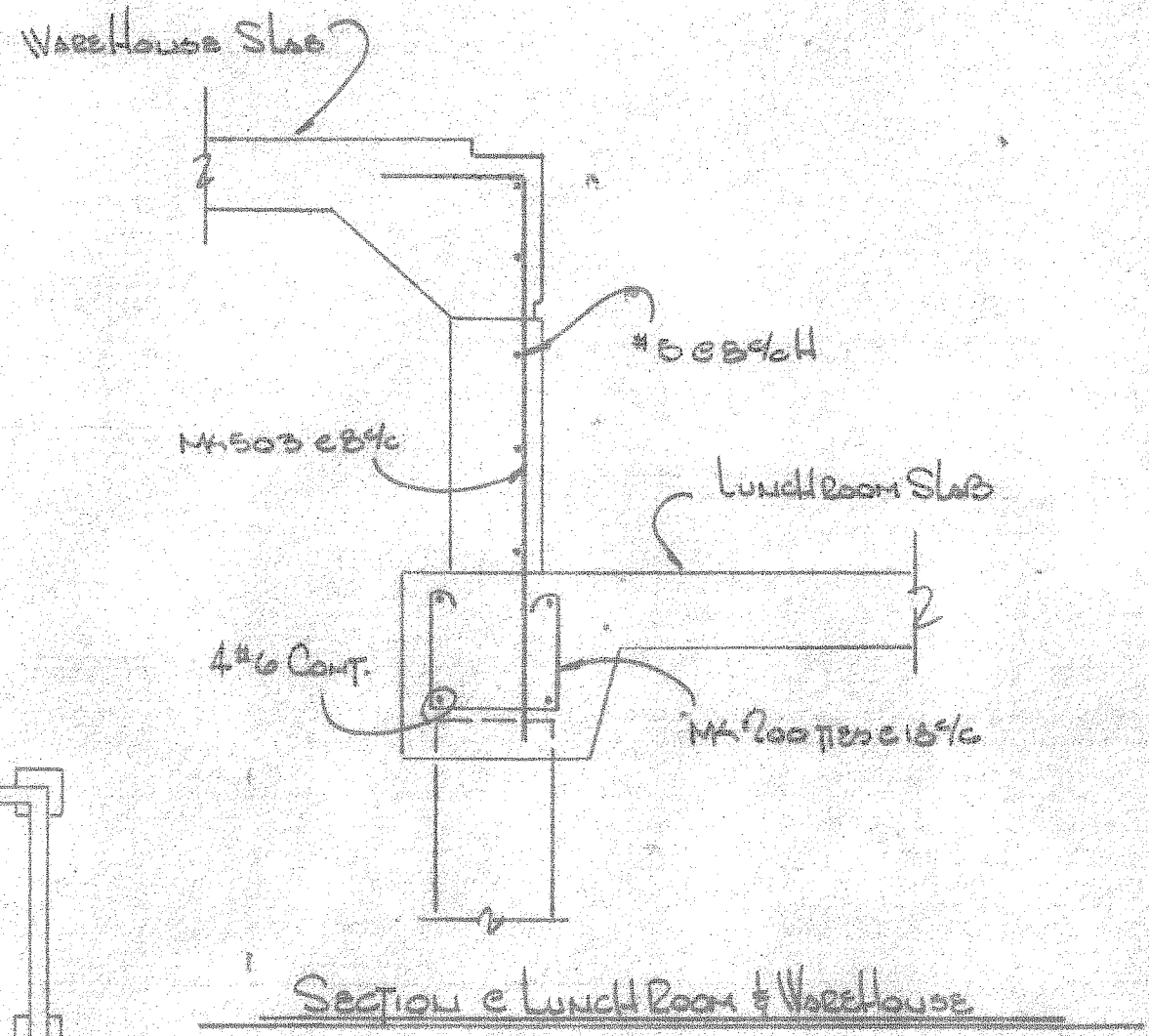
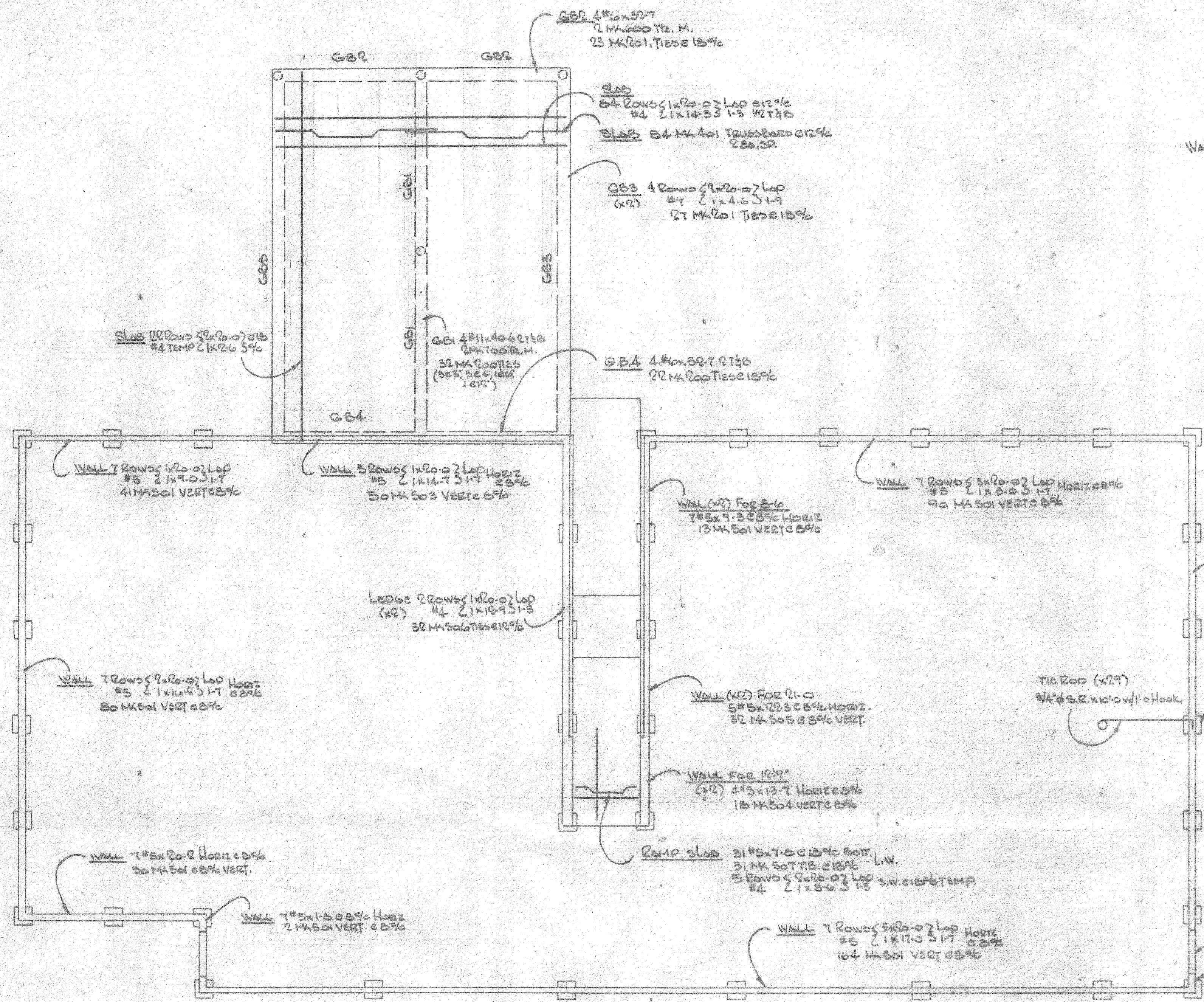
Note: 4x4 per I.H.C. Plastic Tips Have Been Provided Place 36% B.W.

REFERENCE ONLY

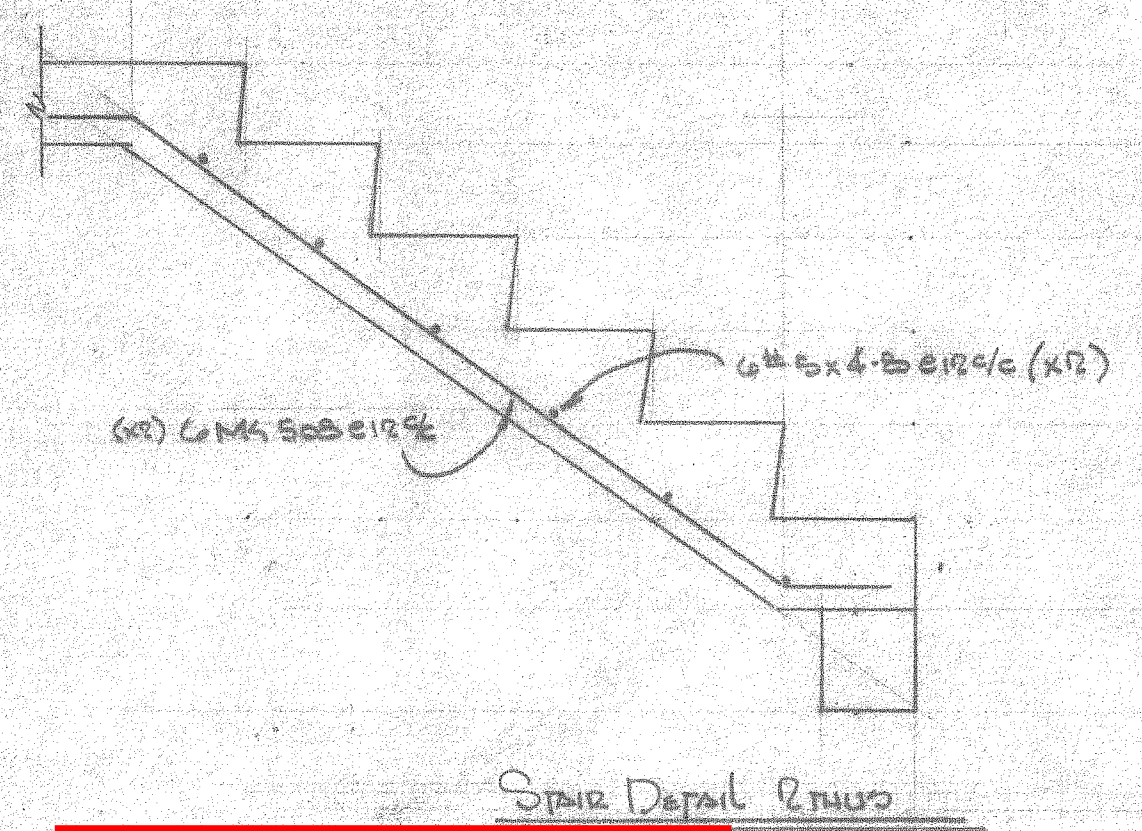
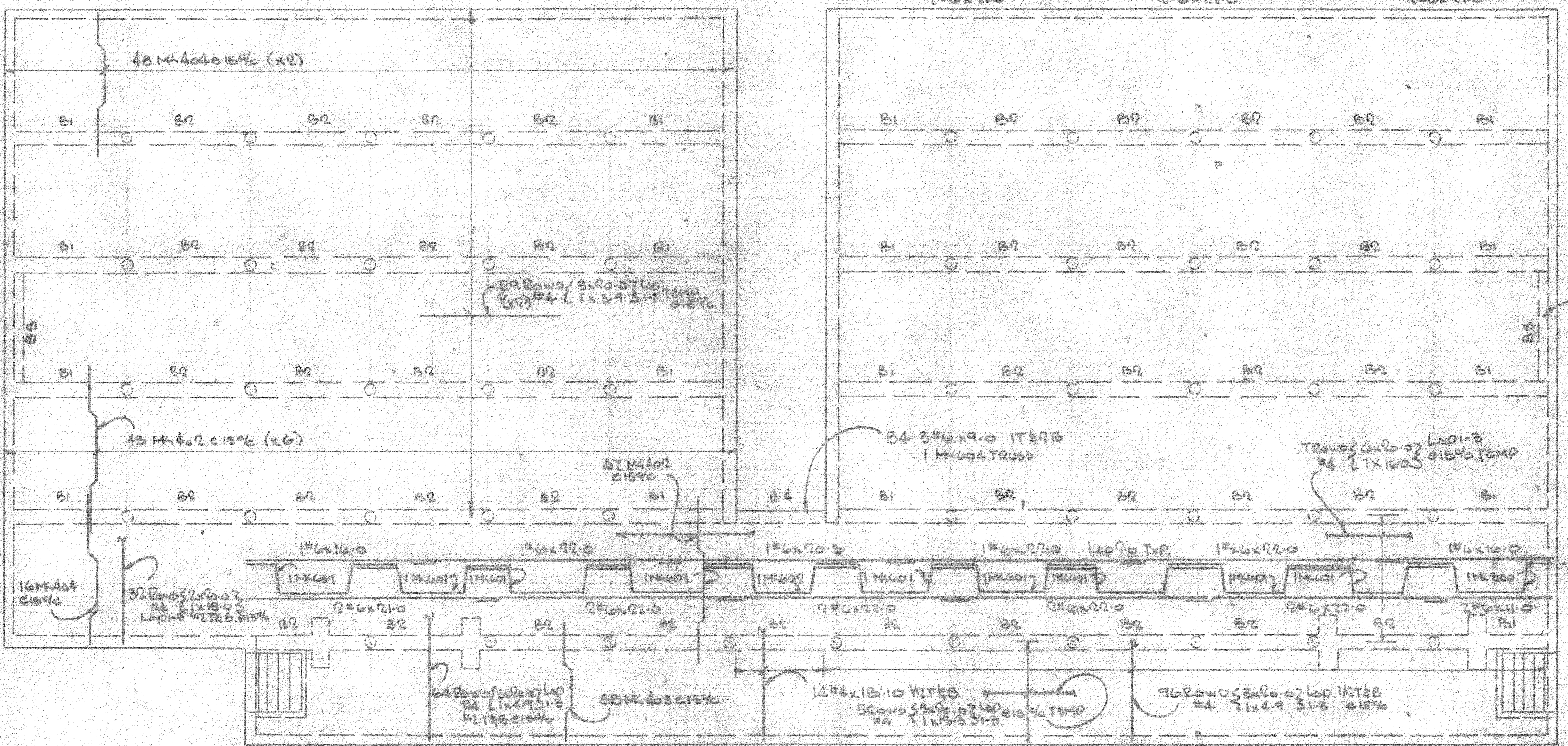
Approval stamp for DAVID VOLKERT & ASSOCIATES. Includes fields for 'Approved As Submitted', 'Approved Except As Noted', 'Revise and Resubmit', and 'Disapproved'. A signature and date '12-28-1' are present. A disclaimer states: 'APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.'

Project information stamp for BAIRD STEEL, INC. MOBILE, ALABAMA. Includes fields for 'STRUCTURE MOUFFIE TERMINAL EXPANSION', 'LOCATION MOUFFIE ISLAND', 'TITLE REINFORCEMENT - Warehouse Filtration Panels', 'ARCHITECT DAVID VOLKERT & ASSOC', 'CONTRACTOR D.O. WARD', 'DRAWN MOLLAK', 'DATE 1/29', 'ORDER NO. 7797', 'CHECKED', 'DATE', 'APPROVED', 'DATE', and 'DWG. NO. 203 OF 3'.

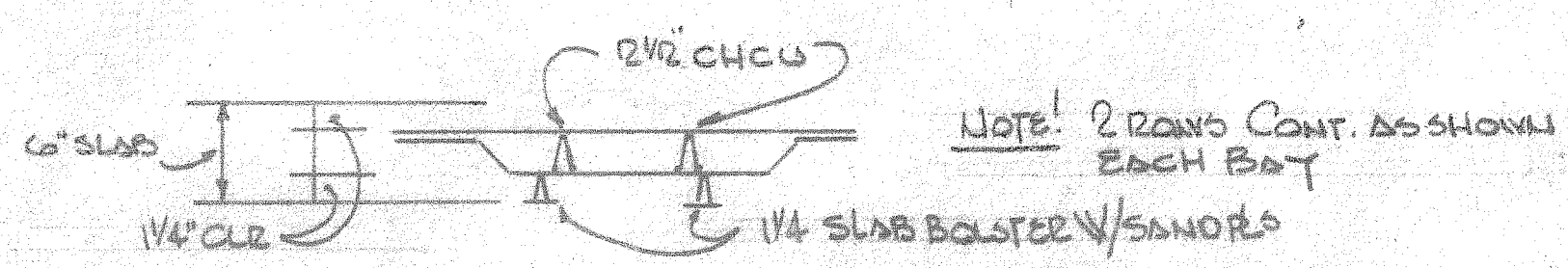
Table with 3 columns: REVISIONS, DATE, and FOR. Row 1: 5, 1/30, APPROVAL.



Warehouse Foundation
4 ROLLS 6x10/10 MESH REBAR



REFERENCE ONLY



Bar Support Detail
1700 L.F. 2\"/>

DAVID VOLKERT & ASSOCIATES	
<input checked="" type="checkbox"/> Approved As Submitted	By: <i>FW</i>
<input type="checkbox"/> Approved Except As Noted	Date: 12-5-81
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND CONDITIONS.

BAIRD STEEL, INC. MOBILE, ALABAMA		
STRUCTURE McDUFFIE TERMINAL EXPANSION		
LOCATION McDUFFIE ISLAND		
TITLE REINFORCEMENT - Warehouse		
ARCHITECT DAVID VOLKERT & ASSOCIATES		
CONTRACTOR D.O. WARD		
DRAWN MOLLAK	DATE 1/28	ORDER NO. 1797
CHECKED	DATE	DWG. No. 252
APPROVED	DATE	

REVISIONS	PRINTS ISSUED	
	NO.	DATE FOR
	5	1/30 APPROVAL

MOBILE INDUSTRIAL FABRICATORS

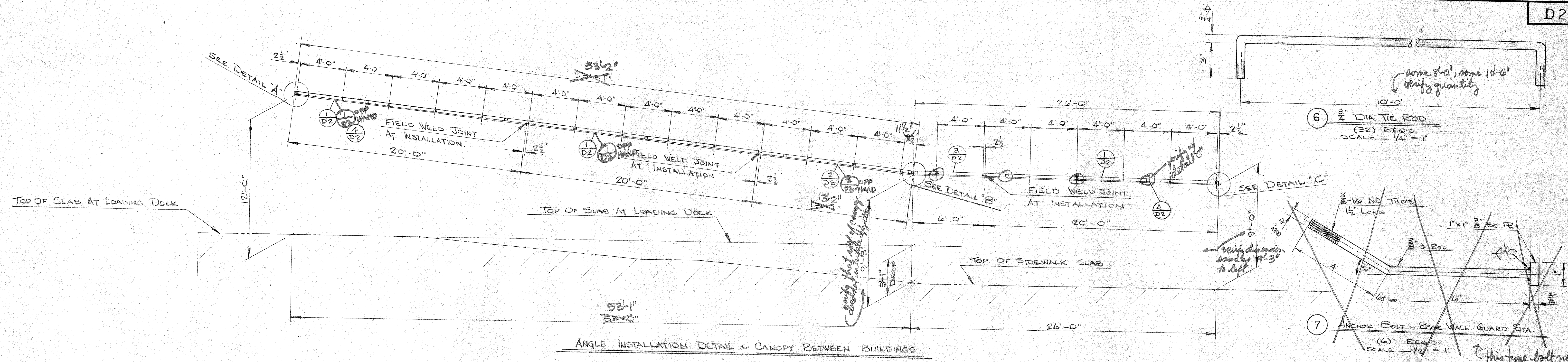
1140 TELEGRAPH ROAD

PRICHARD, ALABAMA

JOB NO. _____

DAVID VOLKERT & ASSOCIATES	
<input type="checkbox"/> Approved As Submitted	By: <i>[Signature]</i>
<input checked="" type="checkbox"/> Approved Except As Noted	
<input type="checkbox"/> Revise and Resubmit	Date: <i>[Signature]</i>
<input type="checkbox"/> Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

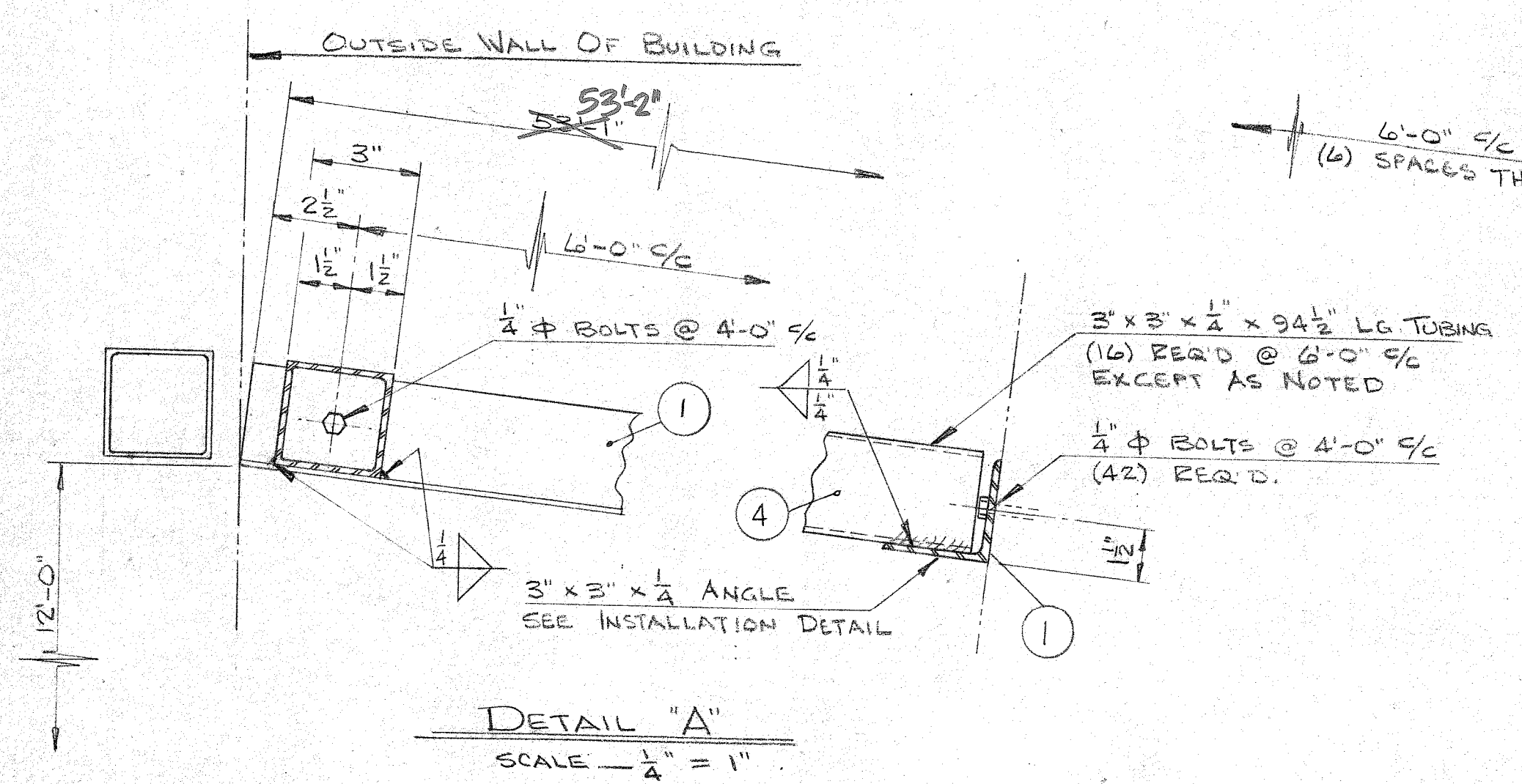


6 $\frac{3}{4}$ " DIA TIE ROD
(32) REQ'D.
SCALE - $\frac{1}{4}" = 1"$

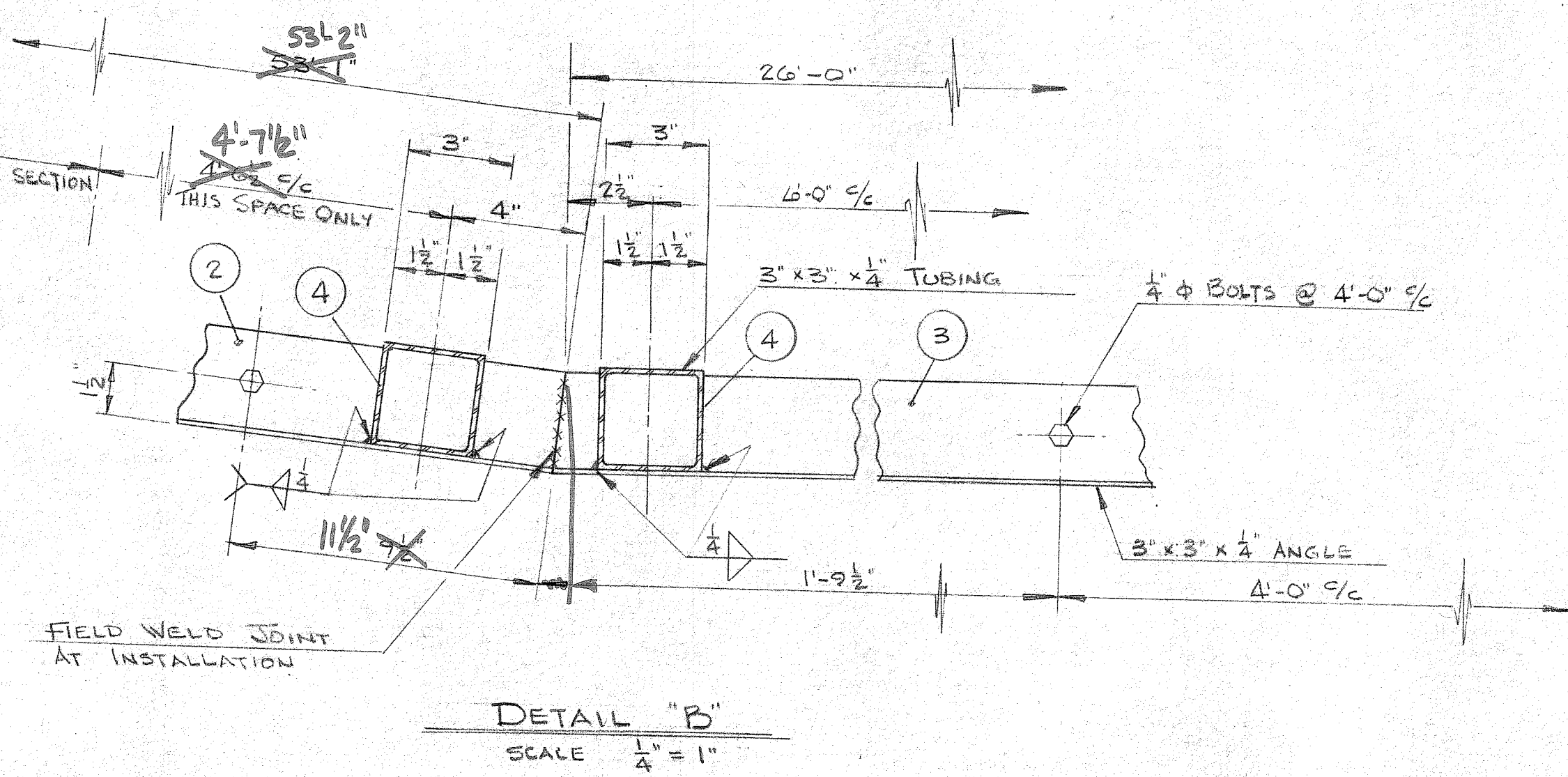
7 ANCHOR BOLT - BEAM WALL GUARD STA.
(6) REQ'D.
SCALE - $\frac{1}{2}" = 1"$

this type bolt not needed @ this location

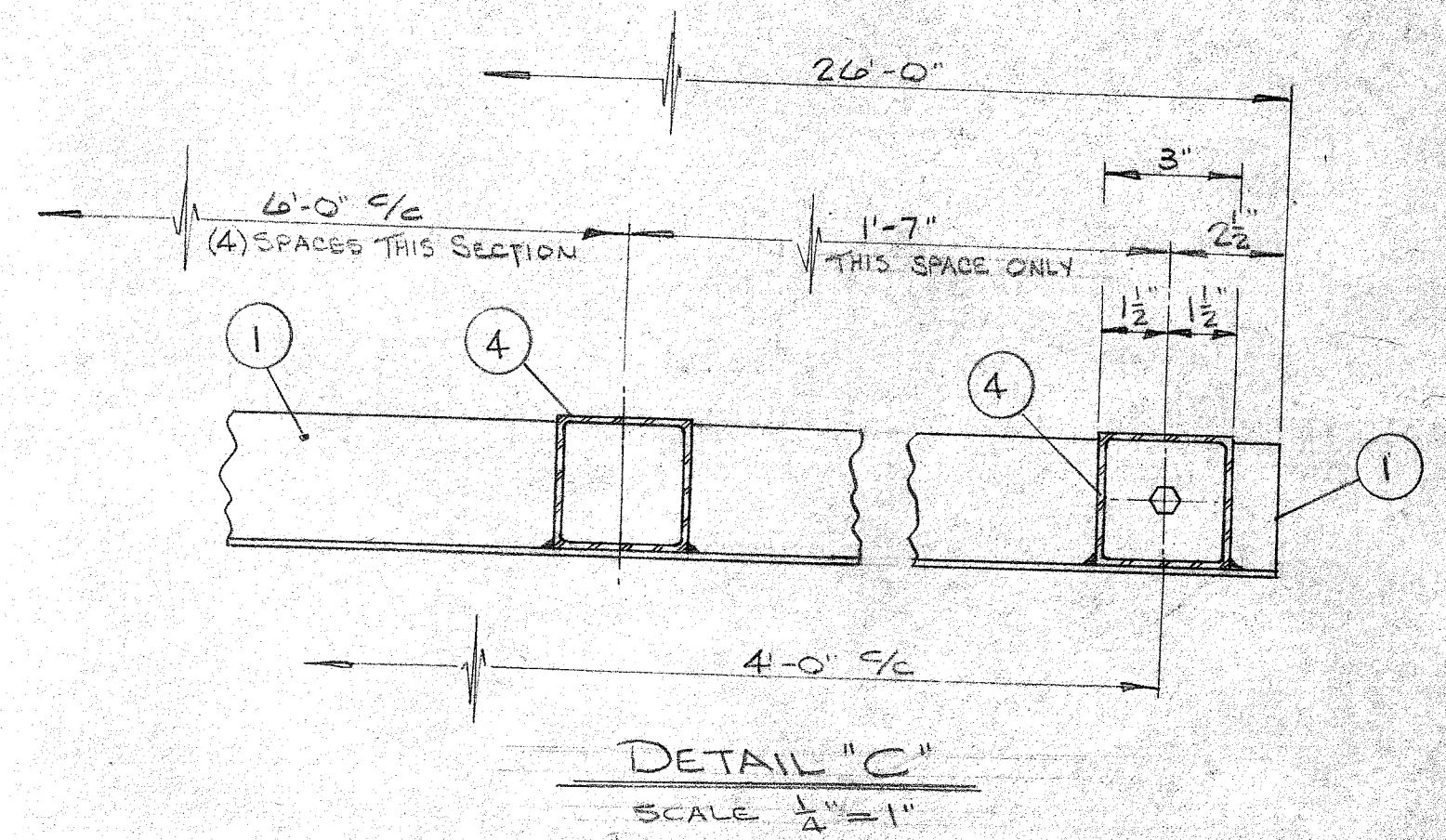
ANGLE INSTALLATION DETAIL ~ CANOPY BETWEEN BUILDINGS



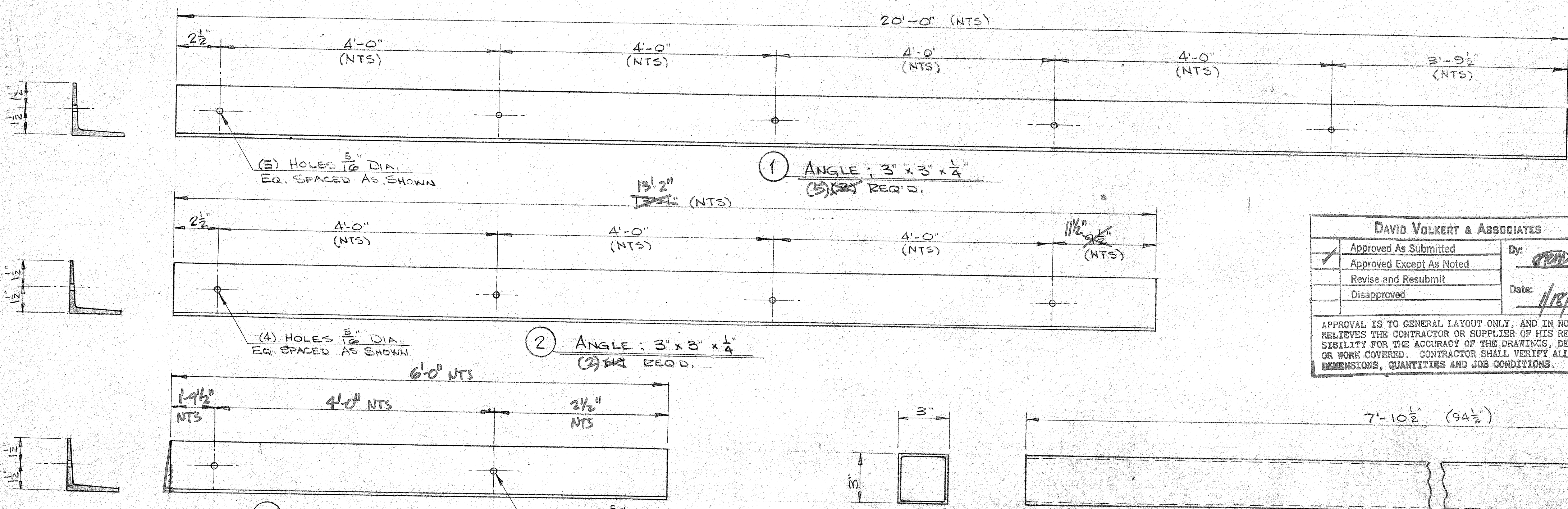
DETAIL "A"
SCALE - $\frac{1}{4}" = 1"$



DETAIL "B"
SCALE - $\frac{1}{4}" = 1"$



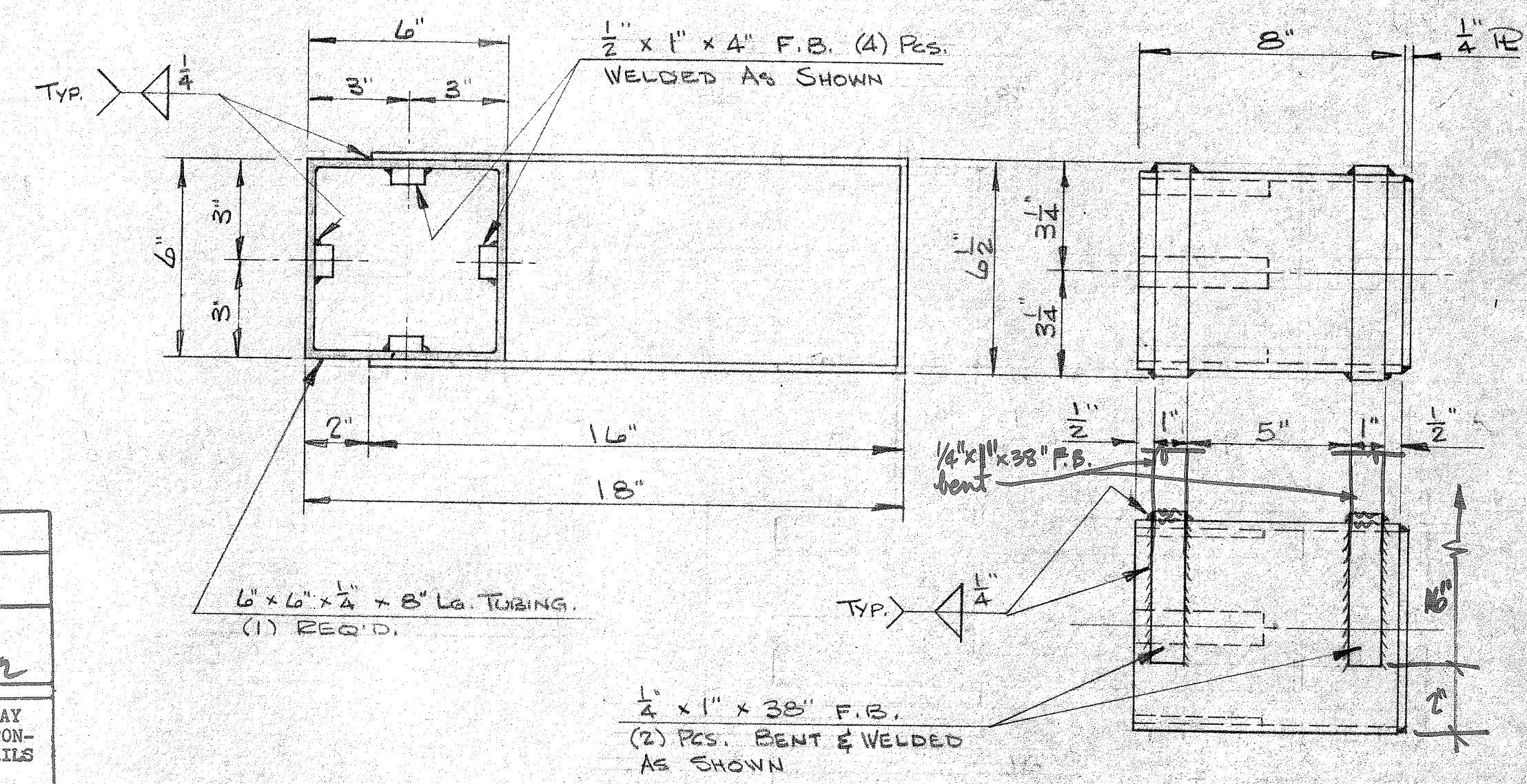
DETAIL "C"
SCALE - $\frac{1}{4}" = 1"$



3 ANGLE: 3x3x1/4
(1) REQ'D.

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>1/18/82</i>
Revise and Resubmit	
Disapproved	

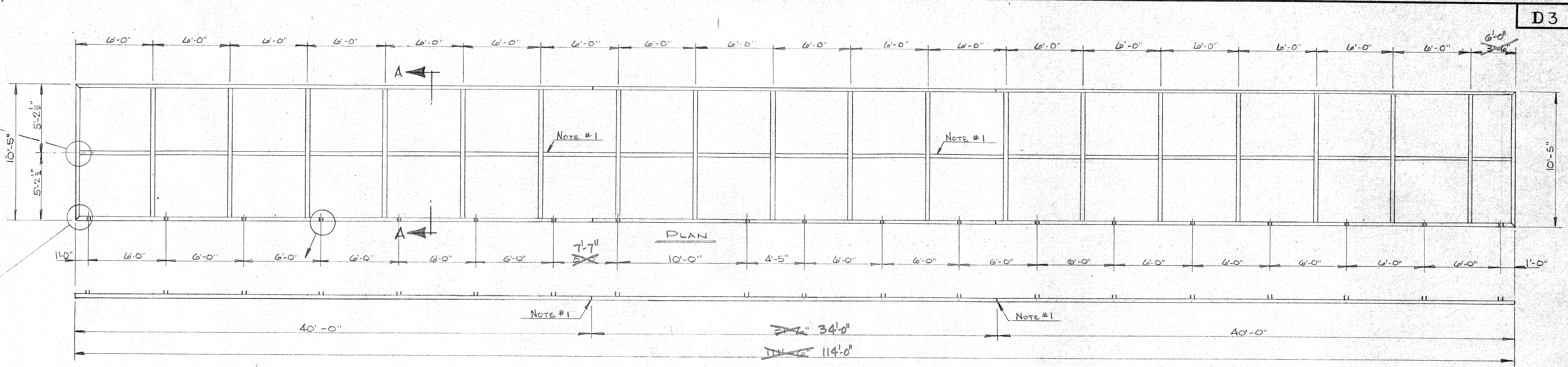
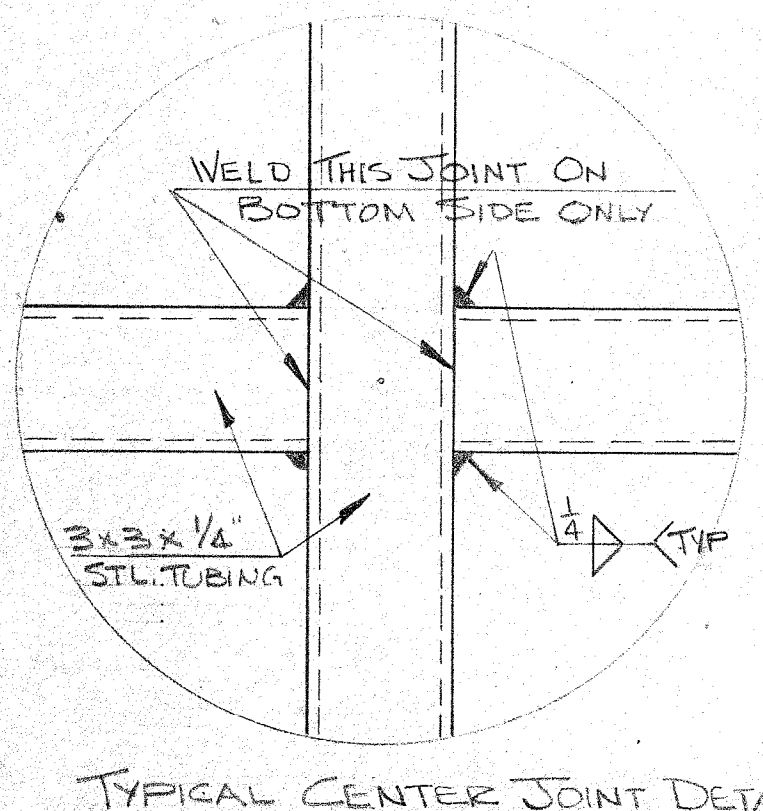
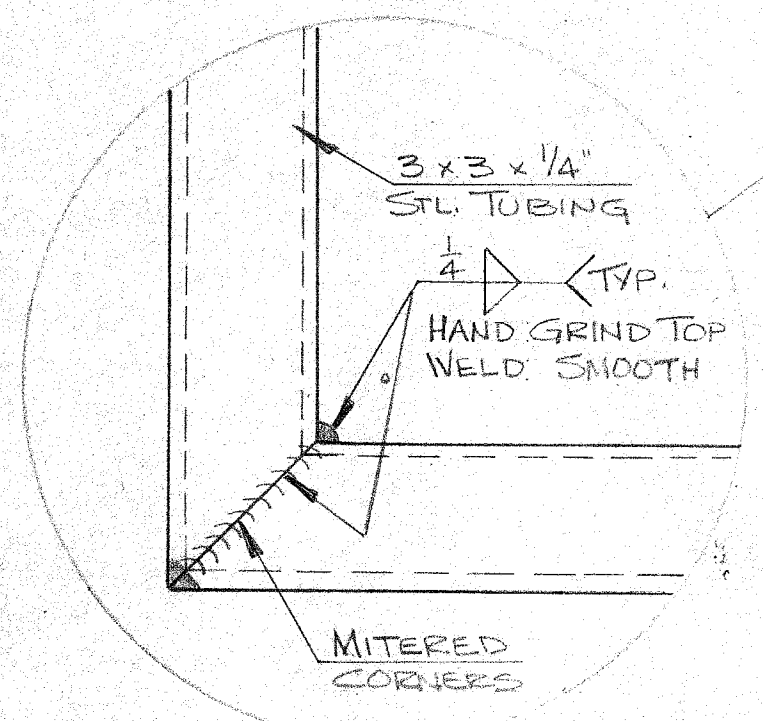
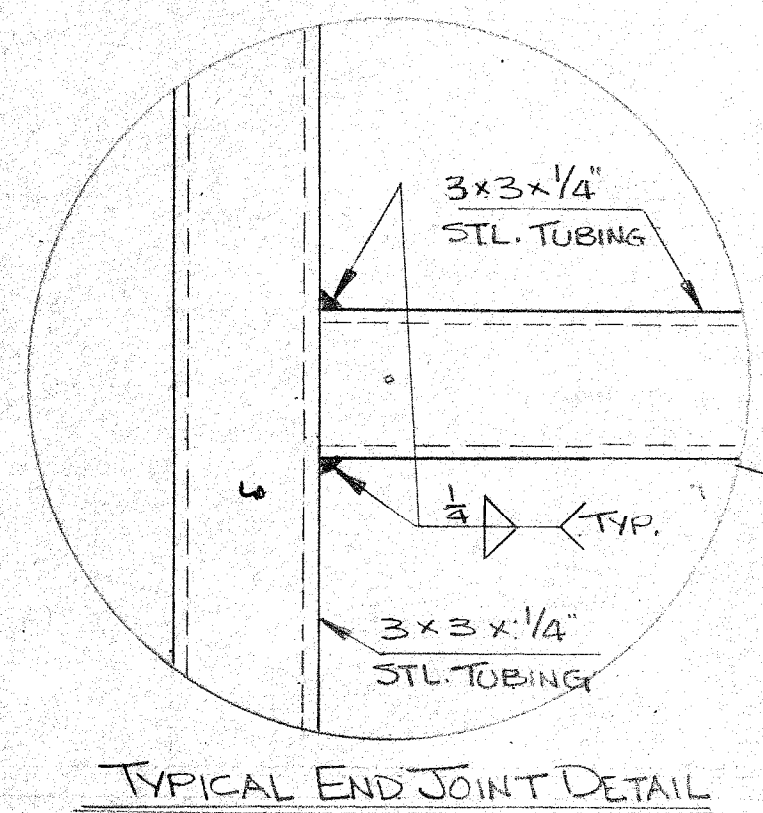
APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.



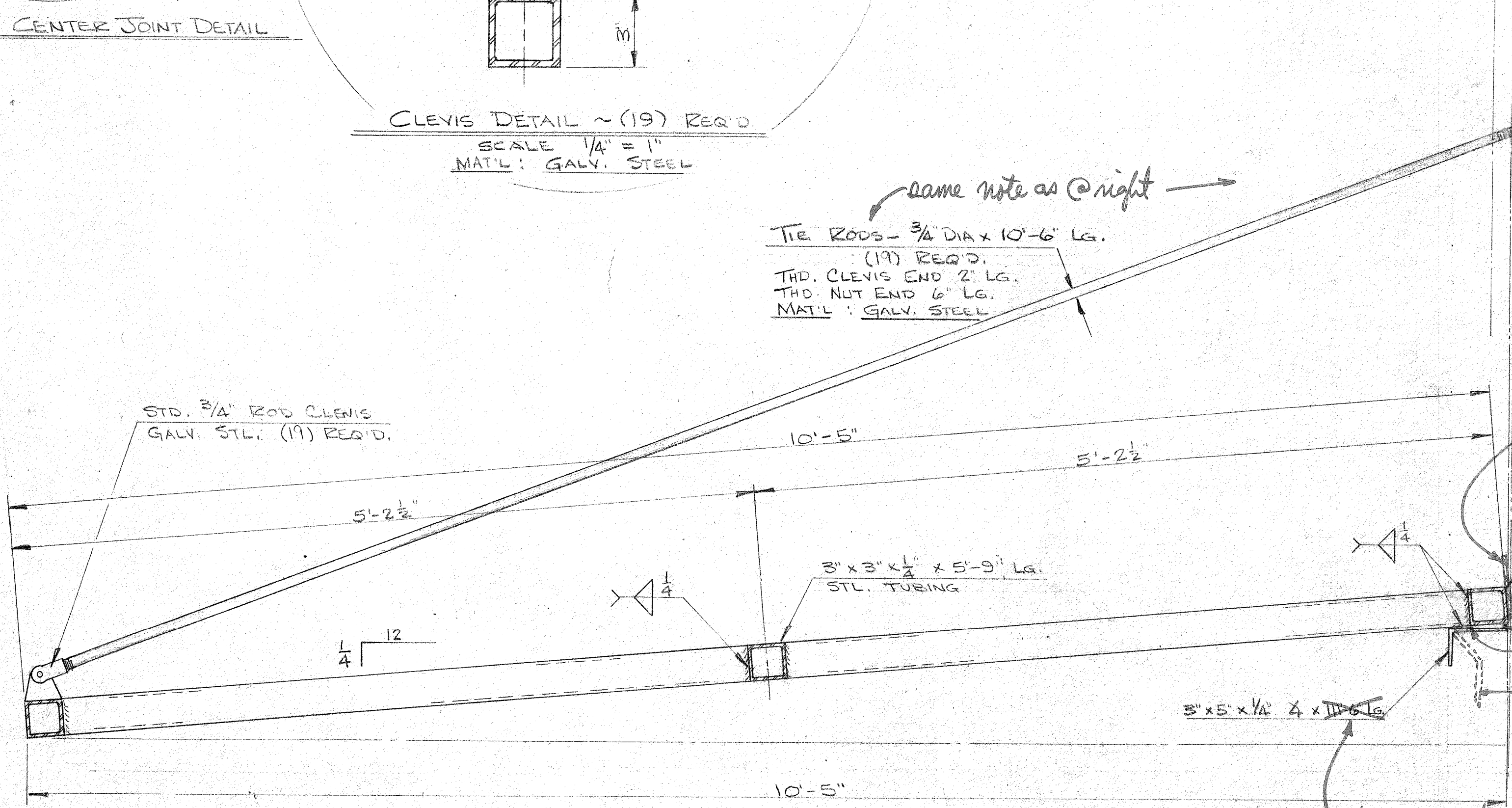
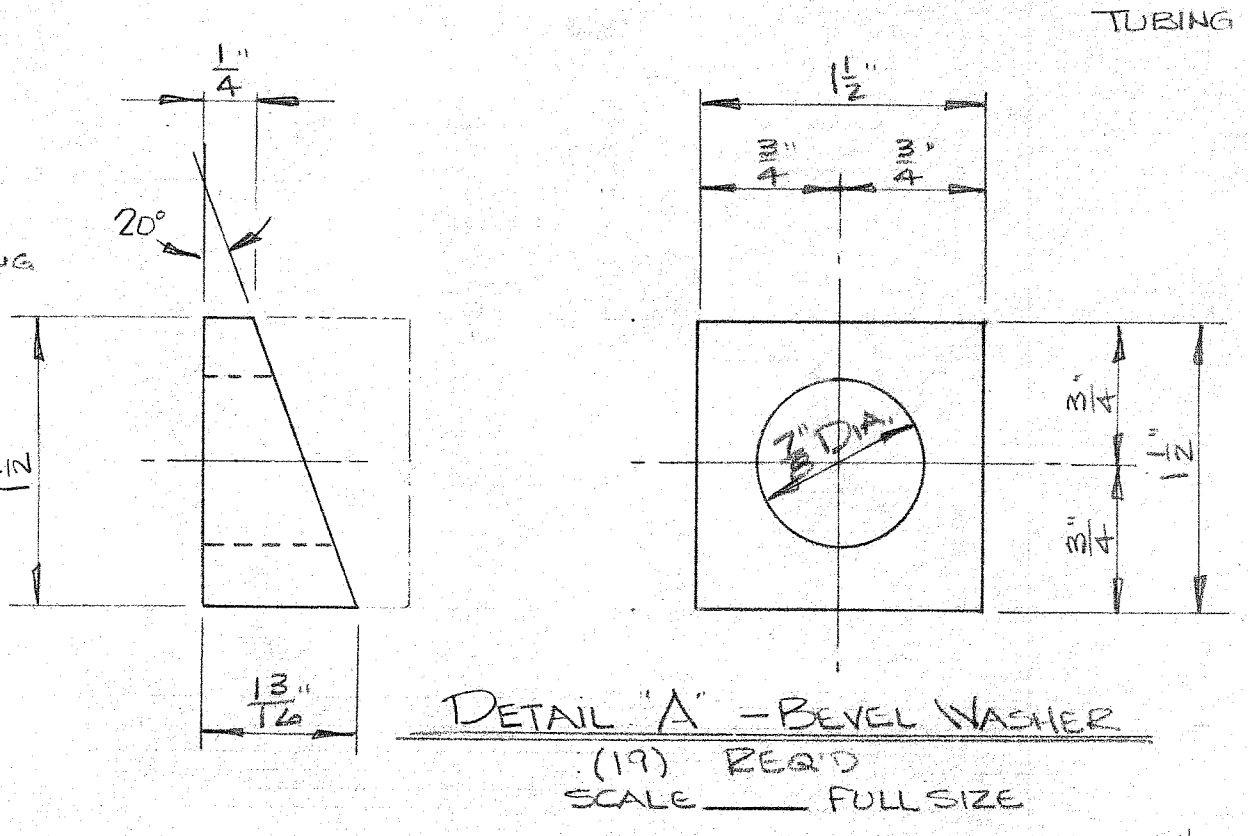
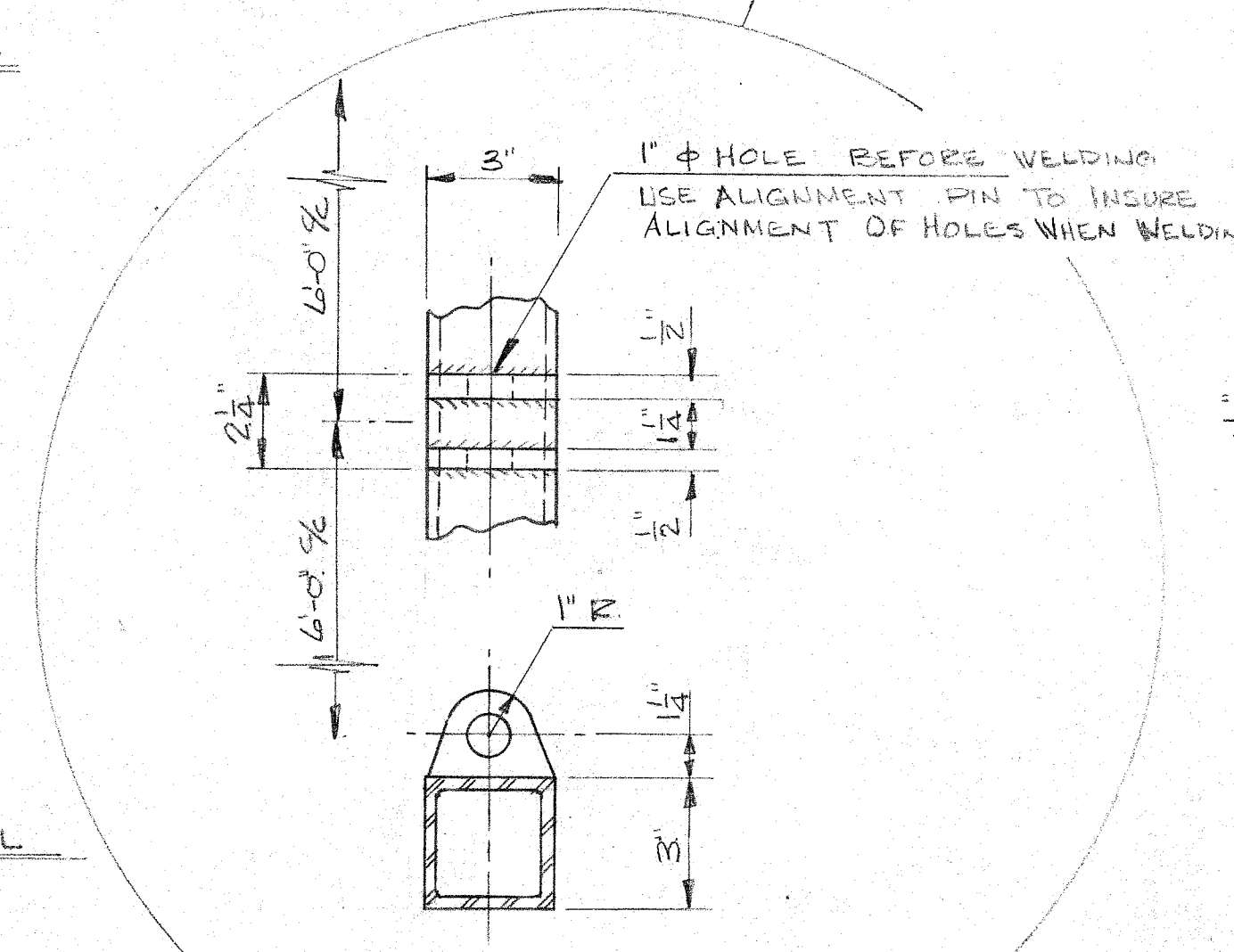
5 COLUMN SLEEVE DETAIL
(13) REQ'D.
SCALE - $\frac{1}{4}" = 1"$

REFERENCE ONLY

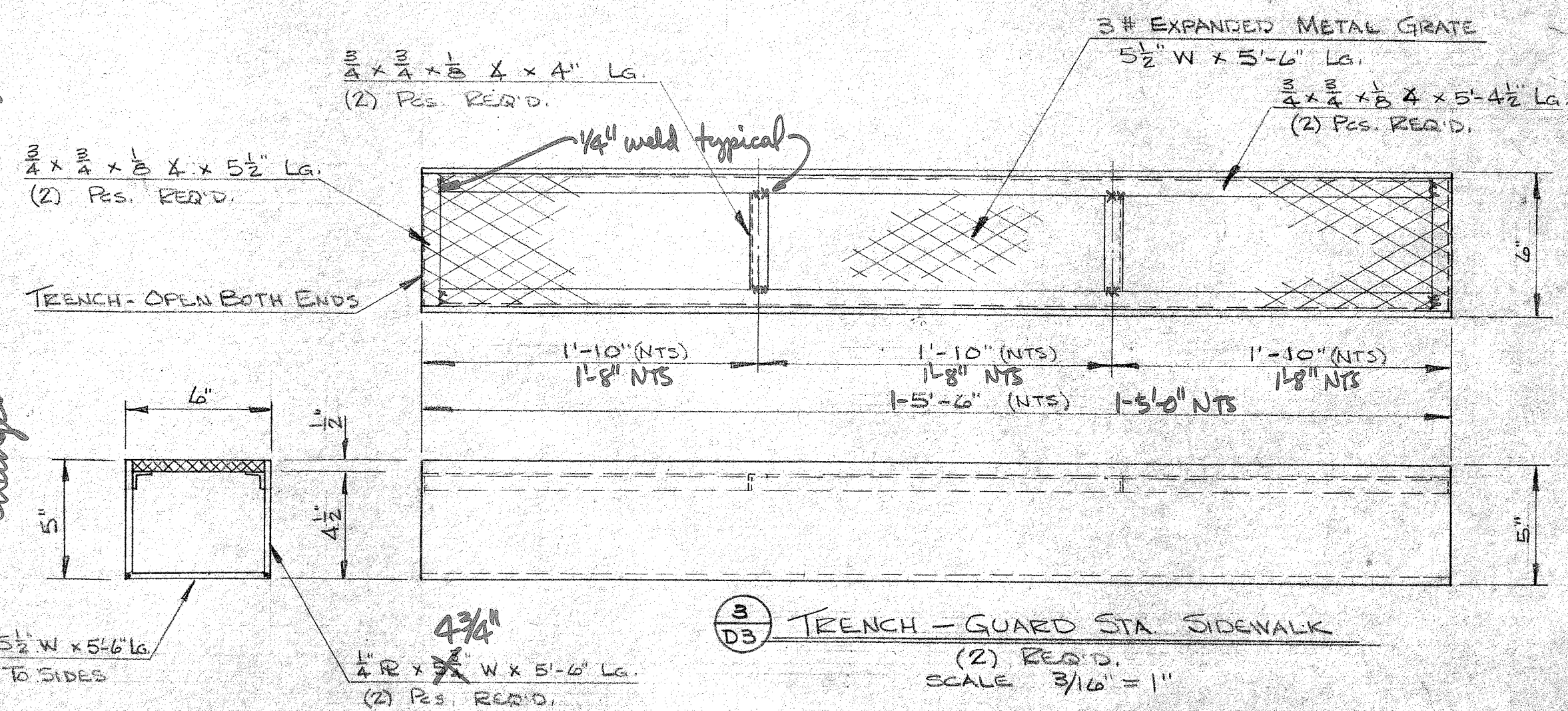
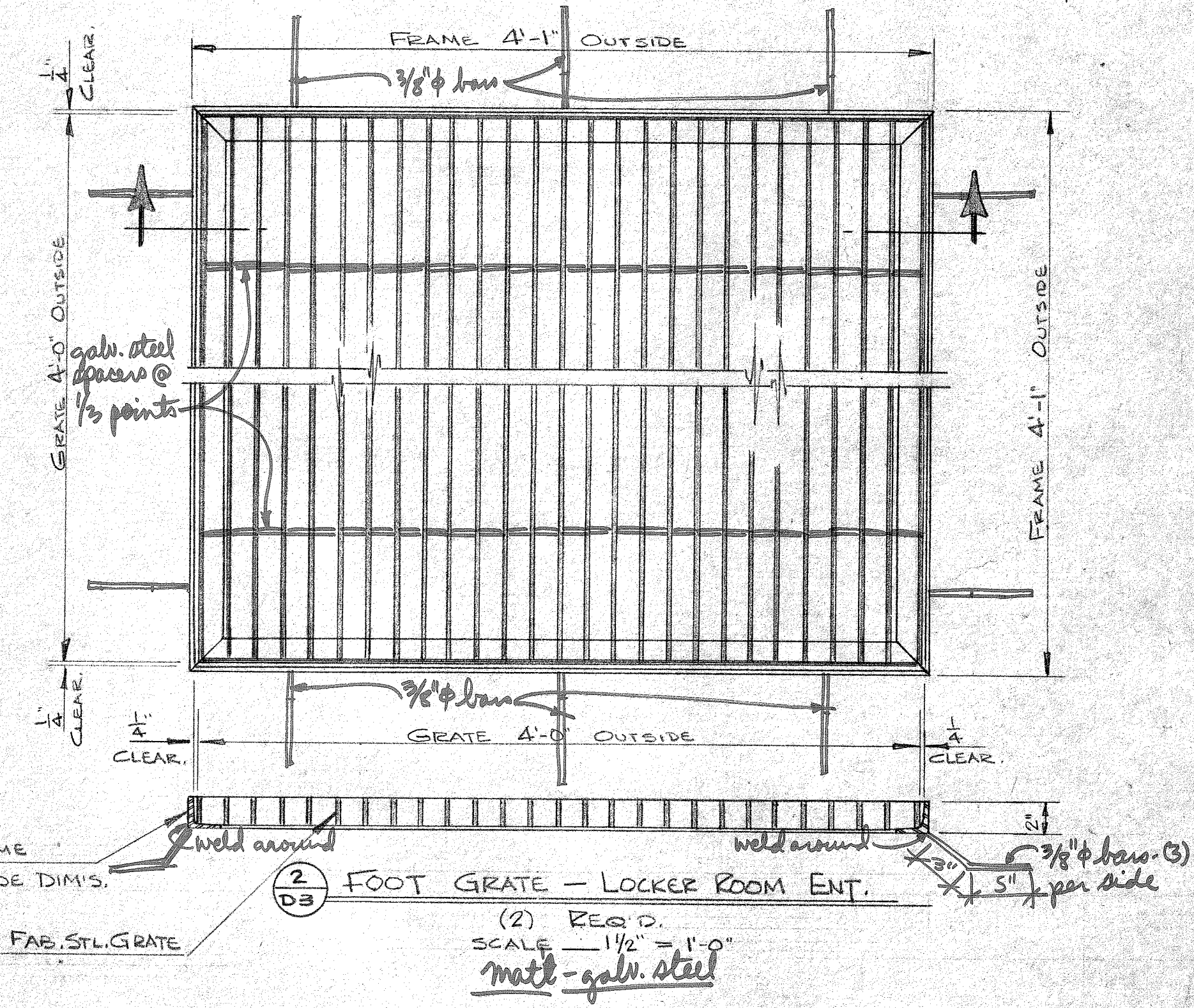
MOBILE INDUSTRIAL FABRICATORS TELEGRAPH ROAD PRICARD ALABAMA	
SCALE: As Shown	APPROVED BY: <i>[Signature]</i>
DATE: Dec 1, 81	DRAWN BY: B.T.S.
MCDUFFIE TERMINAL PLANT EXP.	
FABRICATION DETAILS	JOB NO 0640
	DRAWING NUMBER 81-0640-2



D3 LOADING DOCK - CANOPY DETAIL
 SCALE 1/4" = 1'-0"
 NOTE #1: FABRICATE CANOPY IN (3) SECTIONS
 (2) 40' SECTIONS (1) 34'-6" SECTION
 LEAVE (2) CENTER PIS. OF 3x3x5'-9"
 TUBING OUT TO BE WELDED AT ASSEMBLY.



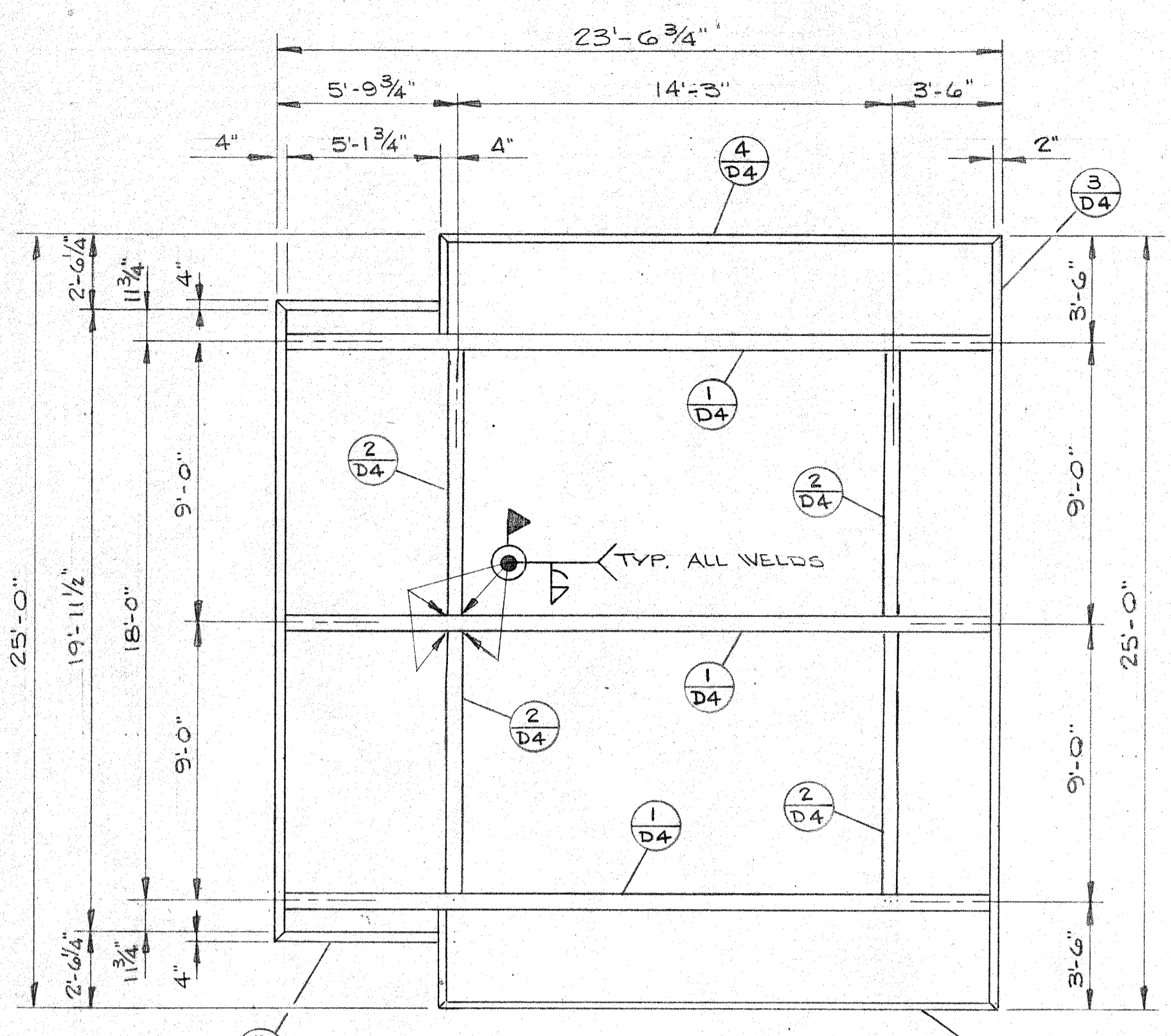
REFERENCE ONLY



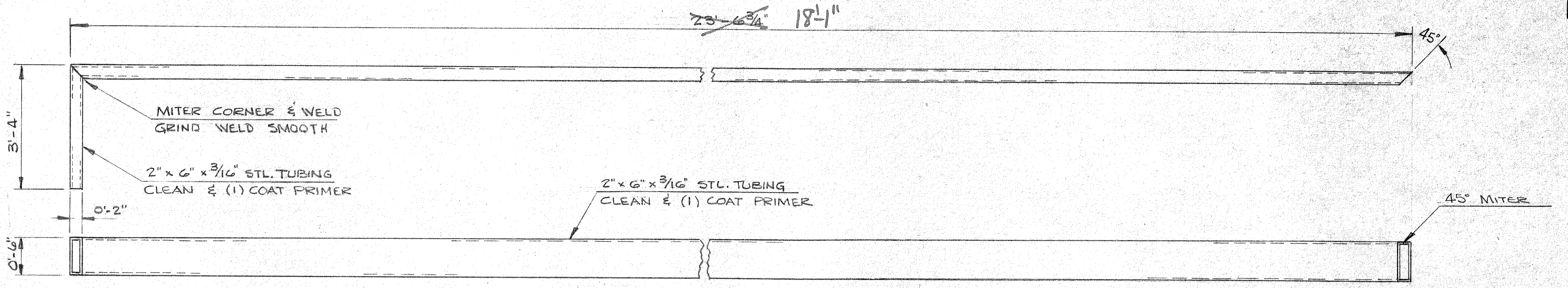
this Z is not continuous, it occurs only atop conc. tilt-up panels @ which support canopy @ front of Elec. Shop & Mech. Warehouse Bldg see also 9/D5

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>1/18/82</i>
Revise and Resubmit	
Disapproved	
APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS. DETAILS OR FIELD CONDITIONS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.	

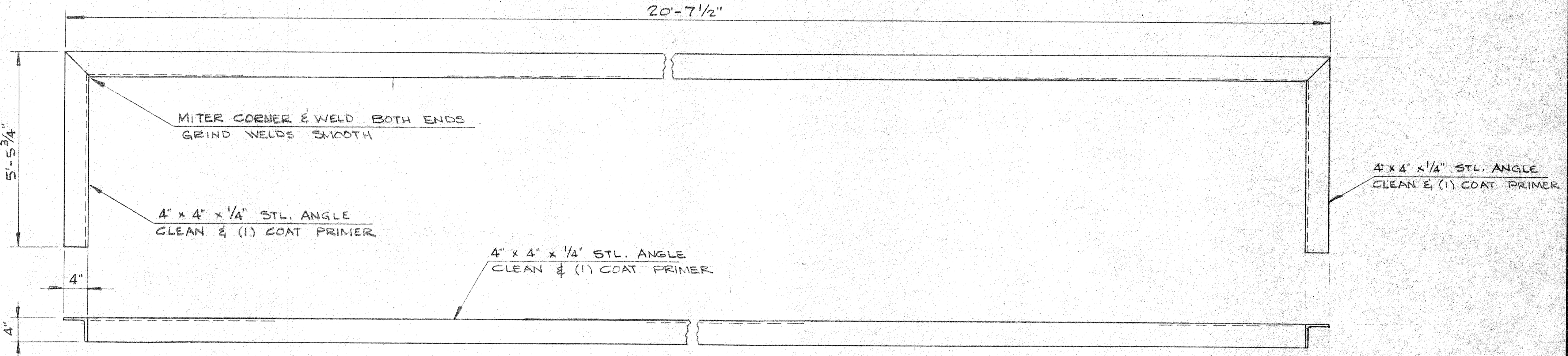
MOBILE INDUSTRIAL FABRICATORS	
TELEGRAPH ROAD PRICHARD, ALABAMA	
SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>
DATE: DEC. 6, 81	DRAWN BY: BTB
	JOB NO. 0640
M/DUFFIE TERMINAL PLANT EXP.	
FABRICATION DETAILS	DRAWING NUMBER
	81-0640-3



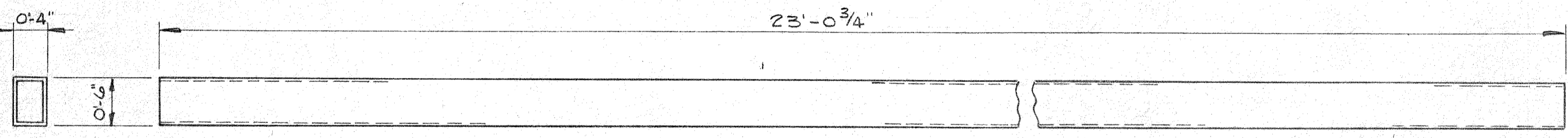
ROOF FRAMING PLAN
GUARD STATION
SCALE 1/4" = 1'-0"



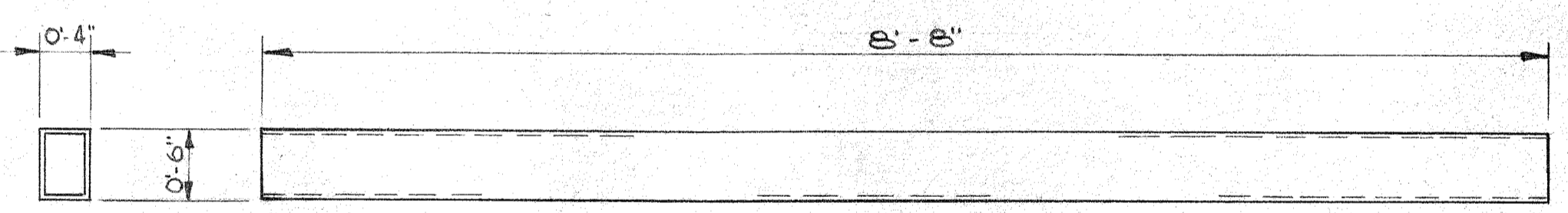
4 FRAMING DETAIL
(2) REQ'D.
SCALE 1/2" = 1'-0"



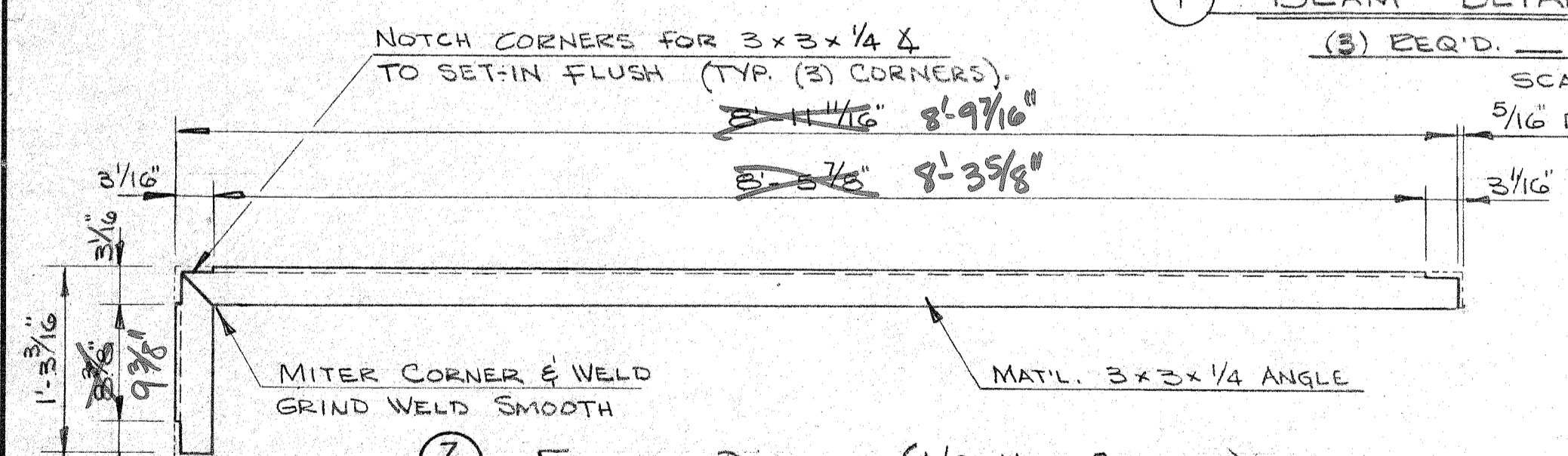
5 FRAMING DETAIL
(1) REQ'D.
SCALE 1/2" = 1'-0"



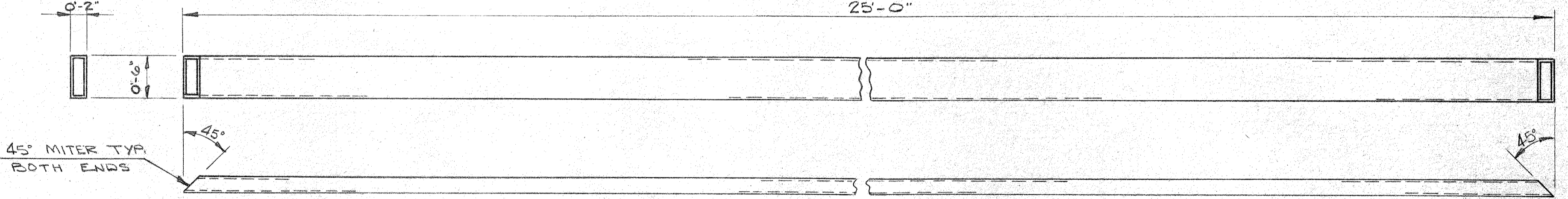
1 BEAM DETAIL - 4" x 6" x 3/16" STL. TUBING
(5) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"



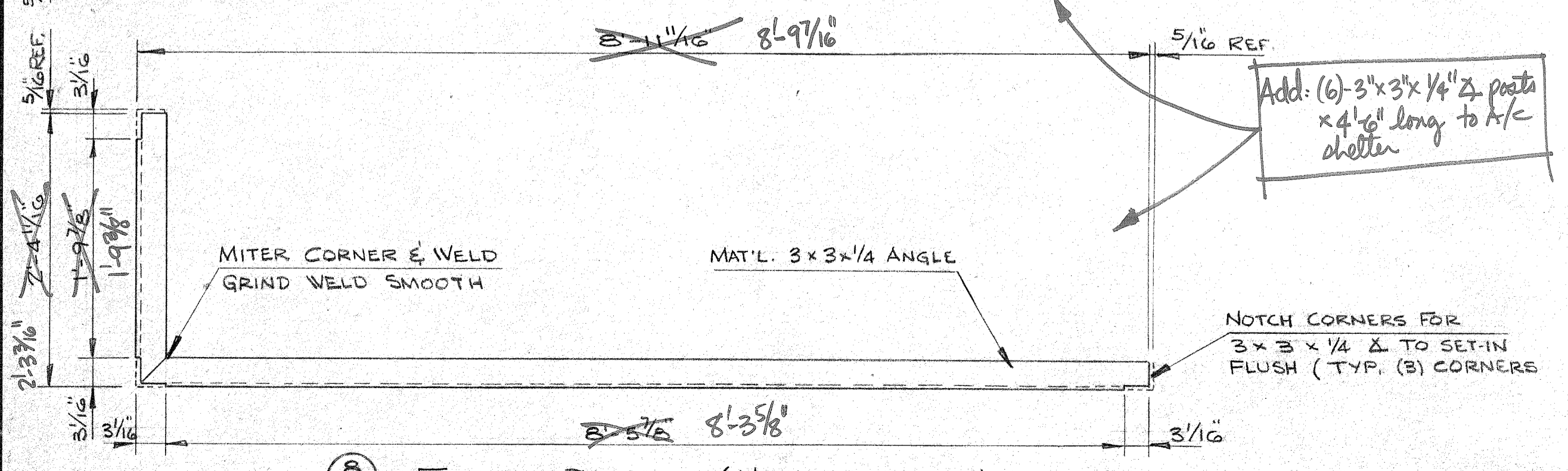
2 BEAM DETAIL - 4" x 6" x 3/16" STL. TUBING
(4) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"



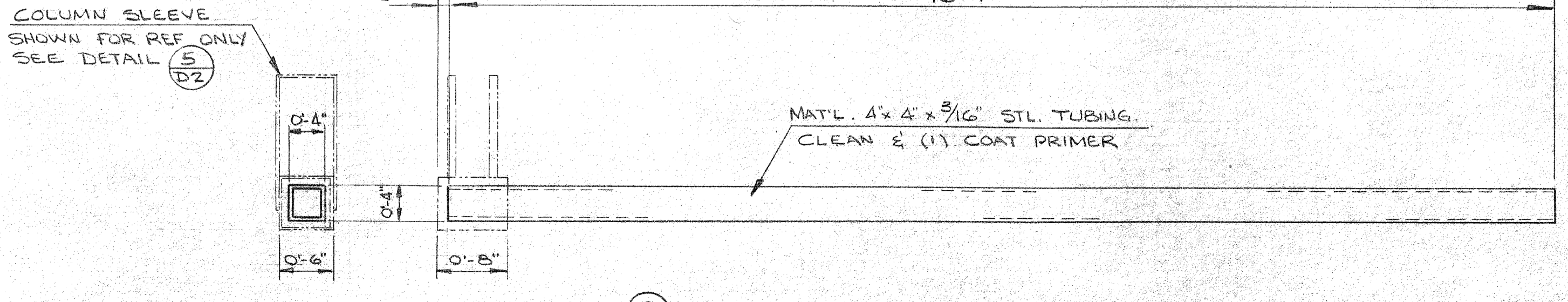
7 FRAMING DETAIL (A/C UNIT SHELTER)
(1) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"



3 CANTILEVERED BEAM DETAIL - 2" x 6" x 3/16" STL. TUBING
(1) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"



8 FRAMING DETAIL (A/C UNIT SHELTER)
(1) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"



6 COLUMN DETAIL - 4" x 4" x 3/16" STL. TUBING
(10) REQ'D. CLEAN & (1) COAT PRIMER
SCALE 1" = 1'-0"

REFERENCE ONLY

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: 1/15/78
Revise and Resubmit	
Disapproved	

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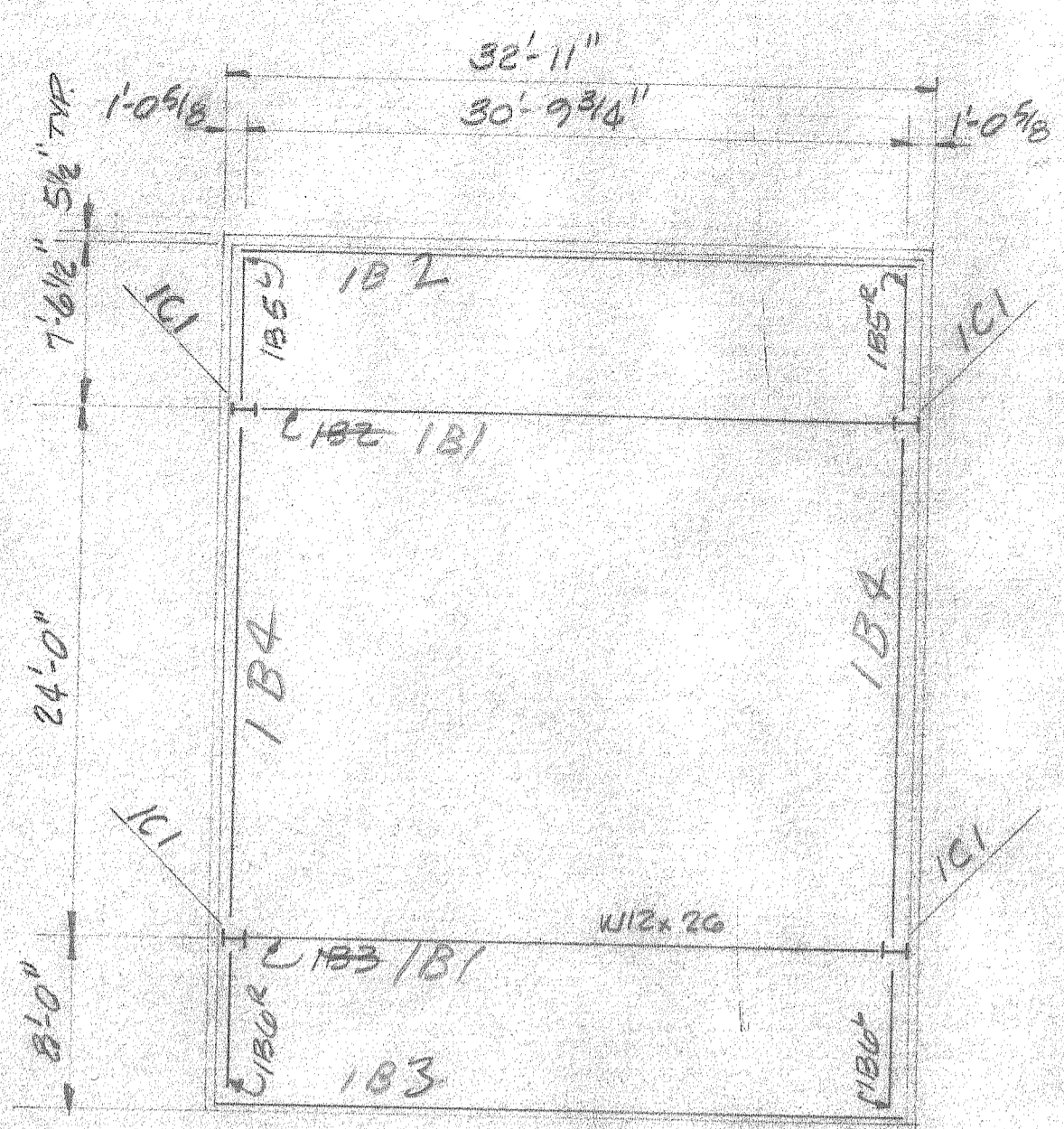
MOBILE INDUSTRIAL FABRICATORS
1140 TELEGRAPH ROAD
PRICHARD, ALABAMA

SCALE: AS SHOWN
DATE: DEC 28, 81

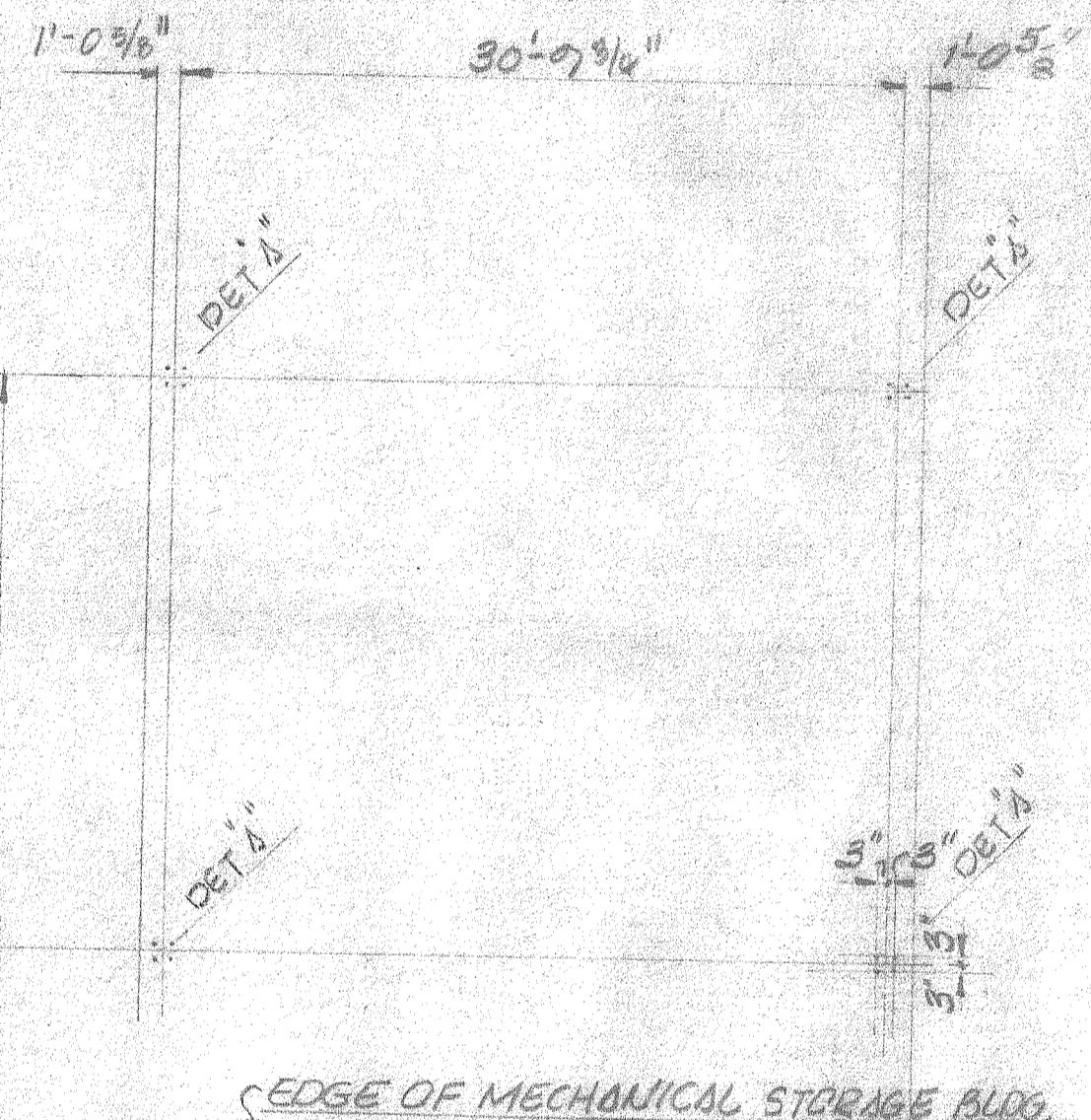
APPROVED BY: *[Signature]*
DRAWN BY: ETS
OPEN: 0640

M E DUFFIE TERMINAL PLANT EXP.

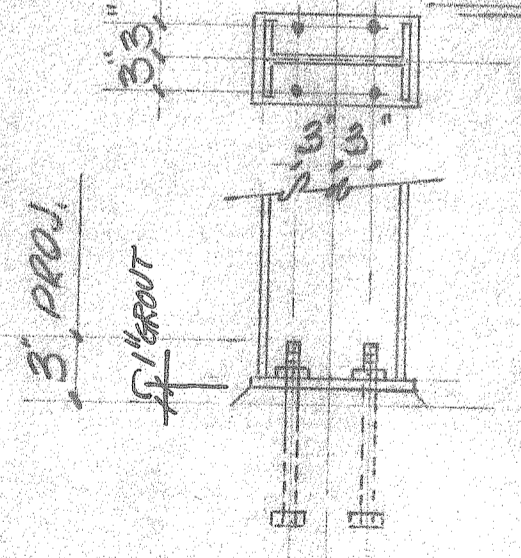
FABRICATION DETAILS
DRAWING NUMBER: 81-0640-4



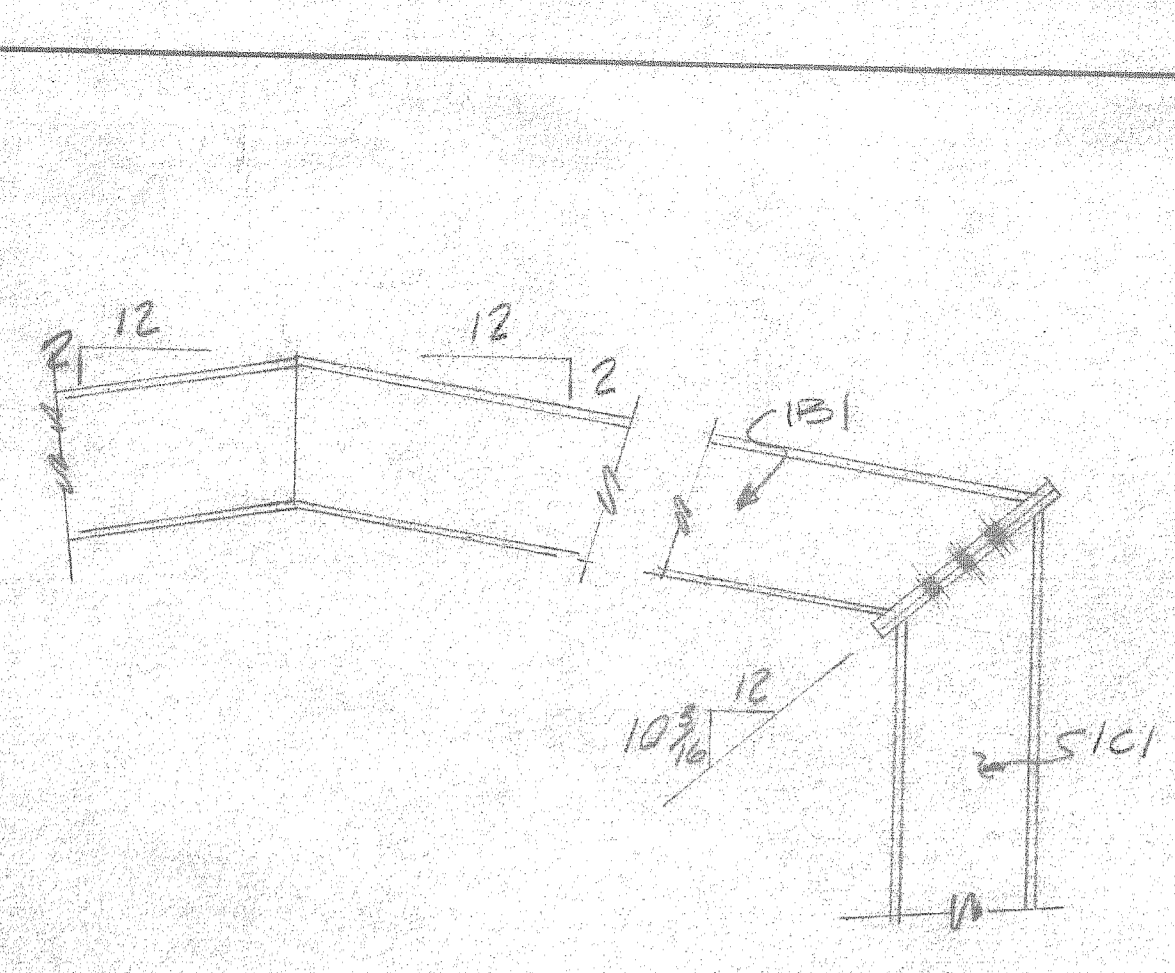
ERECTOR PLAN



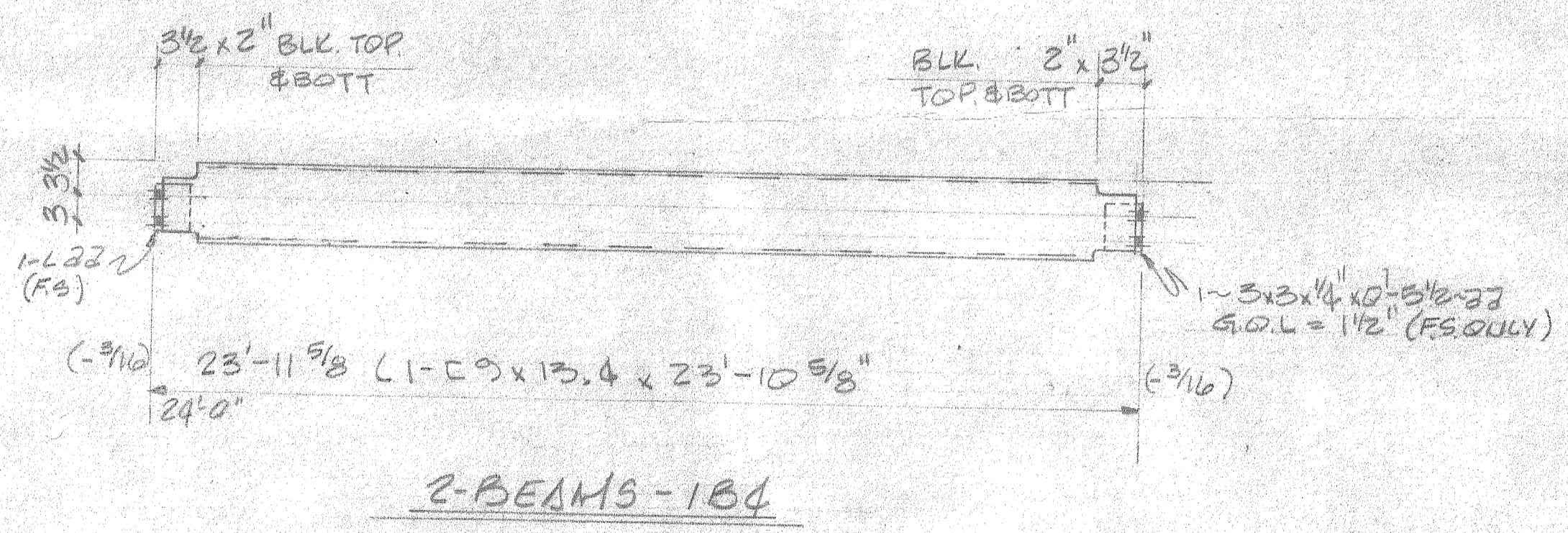
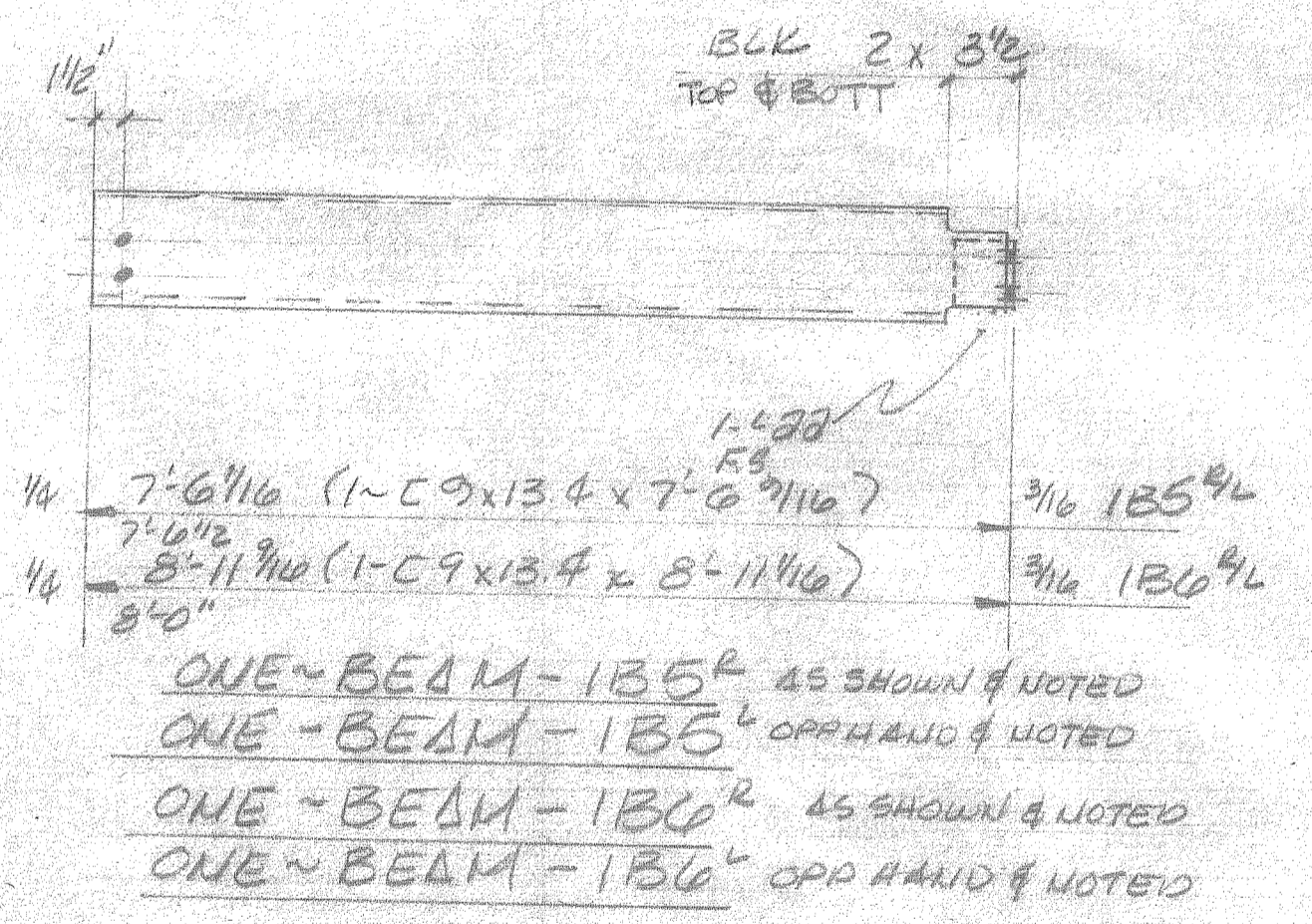
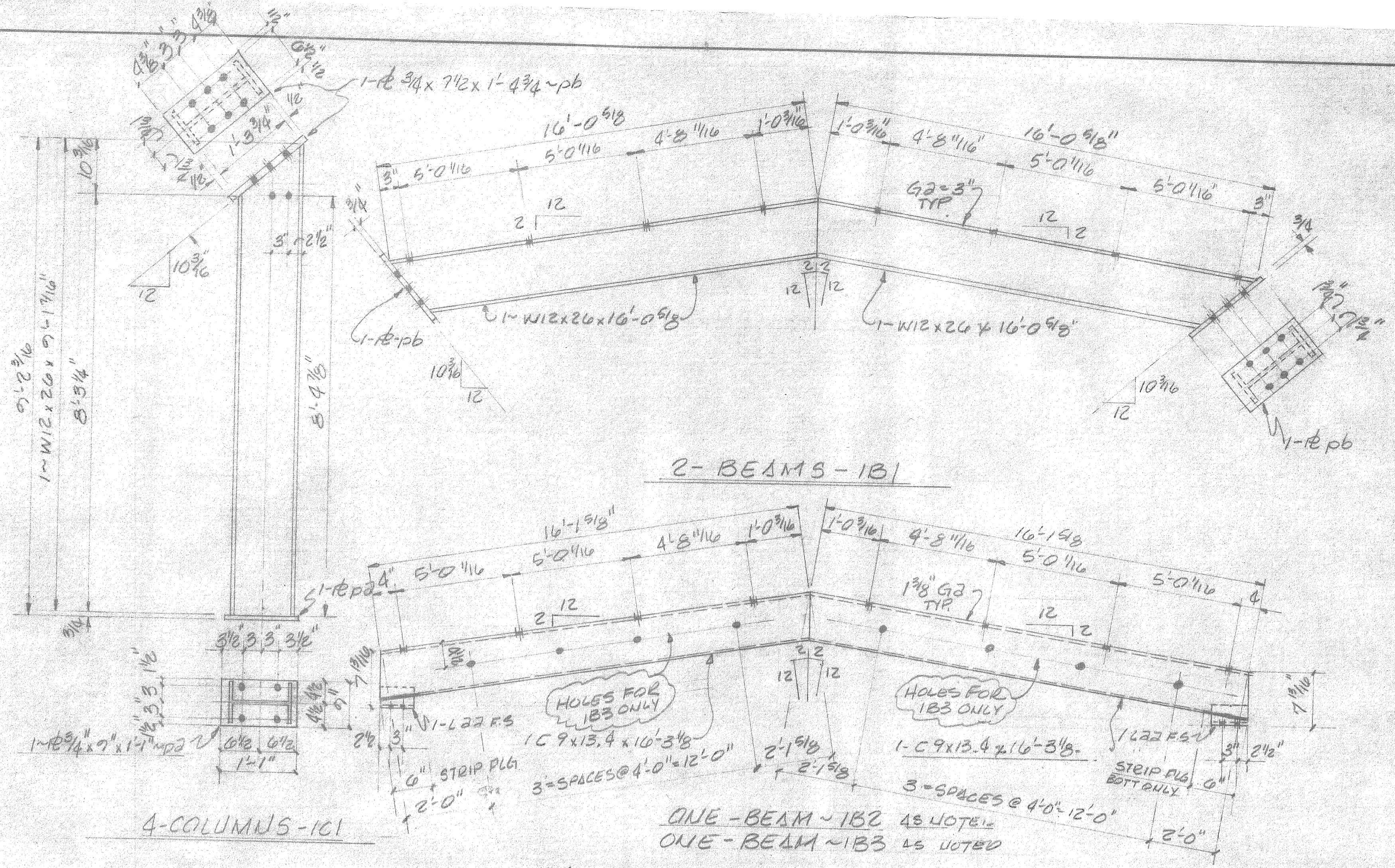
ANCHOR BOLT PLAN



DETAIL ~ A



SECTION ~ A-A



DAVID VOLKERT & ASSOCIATES	
<input checked="" type="checkbox"/> Approved As Submitted	By: <i>[Signature]</i>
<input type="checkbox"/> Approved Except As Noted	Date: <i>12-21</i>
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	
APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.	

THE ATTACHED DRAWINGS ARE FOR APPROVAL ONLY AND ARE NOT TO BE USED FOR ERECTION

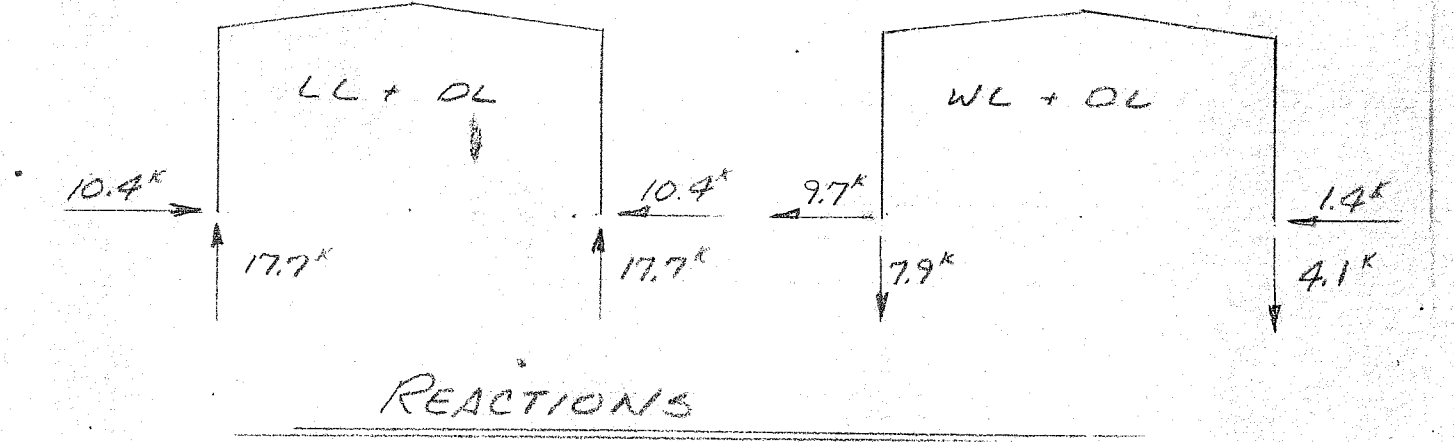
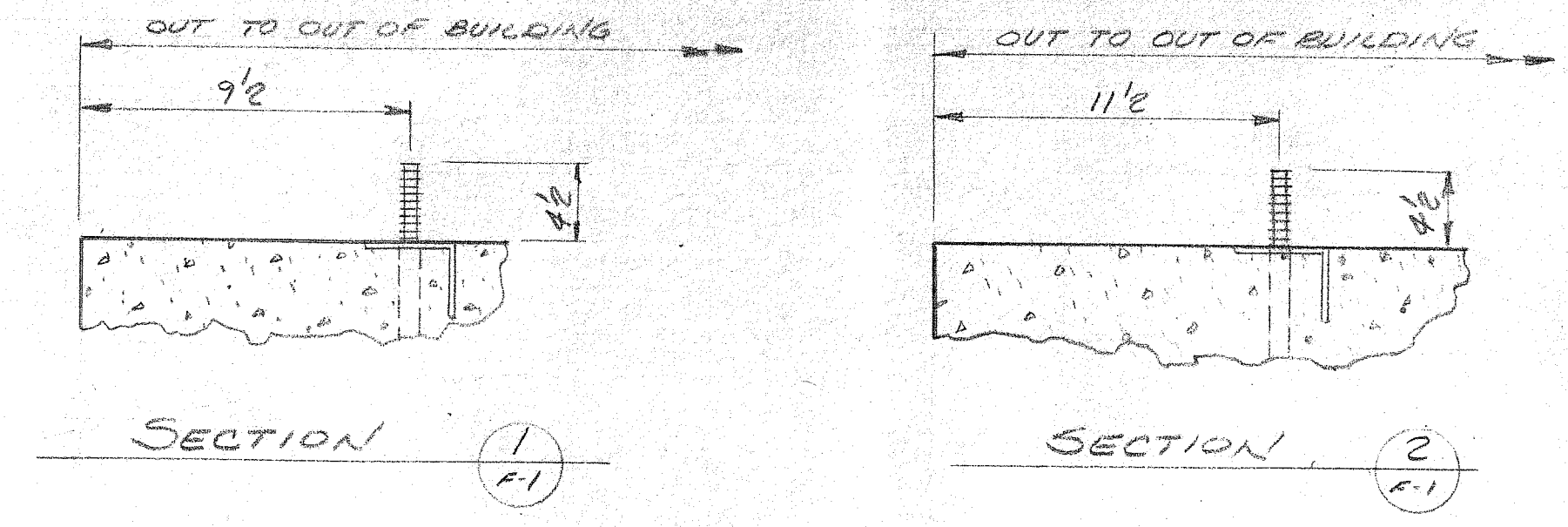
APPROVED
 APPROVED AS NOTED
 NOT APPROVED
 RESUBMITTAL IS REQ'D.
 RESUBMIT FOR APPROVAL BY _____ DATE _____

HOLES UNLESS NOTED <i>(3/16")</i>	REVISIONS
SHOP PAINT	3
	2
	1

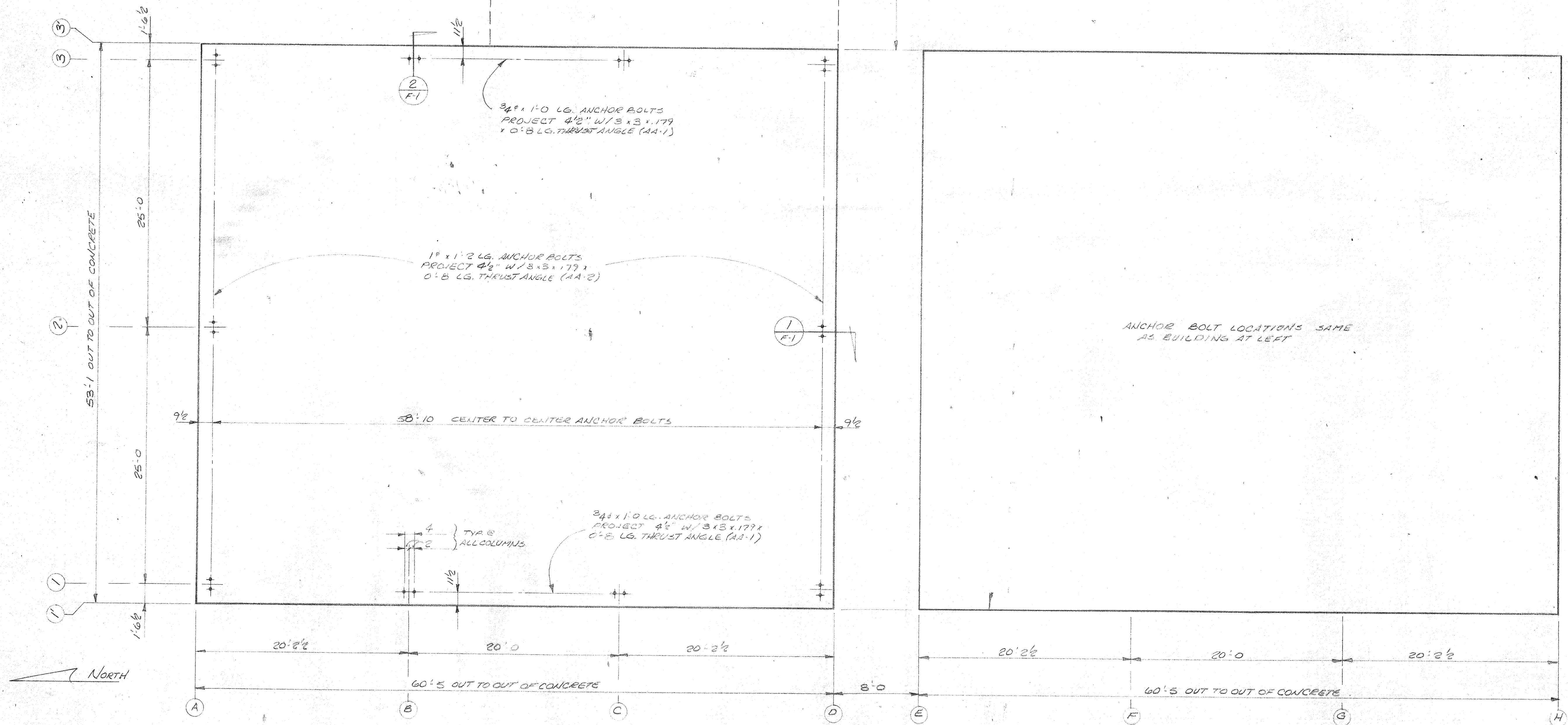
Fabricators & Erectors
 1284 Dogwood Trail - P. O. Box 13506 - Mobile, AL 36613
 205-675-4352

CUSTOMER _____
 STRUCTURE *Mc DUFFIE TERMINAL*
 LOCATION *MOBILE, ALA*
 ARCH'T. *DAVID VOLKERT AND ASSOC*
 DETAILS OF *TOLLET / SHOWER / LUNCH ROOM / BLDG*
 DRAWN BY *[Signature]* DATE *12-21* JOB NO. _____ DWG. NO. _____
 CHECKED BY _____ DATE _____

REFERENCE ONLY



LOCATION OF 32'-11" x 40' BUILDING. ROOF FRAMING ONLY, BY PASCOE



THE ATTACHED DRAWINGS ARE FOR APPROVAL ONLY AND ARE NOT TO BE USED FOR ERECTION

- APPROVED
- APPROVED AS NOTED
- NOT APPROVED
- RESUBMITTAL NOT REQ'D.
- RESUBMIT FOR APPROVAL

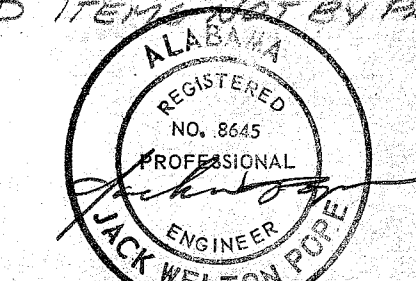
BY _____ DATE _____

DAVID VOLKERT & ASSOCIATES

<input checked="" type="checkbox"/> Approved As Submitted	By: <i>sa</i>
<input type="checkbox"/> Approved Except As Noted	Date: 1-8-82
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

1) FOUNDATION DESIGN & EMBEDDED ITEMS NOT BY PASCOE



DATE	NO.	REVISIONS	BY	CHK'D.
	1			
	2			
	3			
	4			
	5			
	6			

THIS DRAWING IS NOT TO SCALE UNLESS OTHERWISE NOTED. DIMENSIONS GOVERN. DO NOT SCALE.

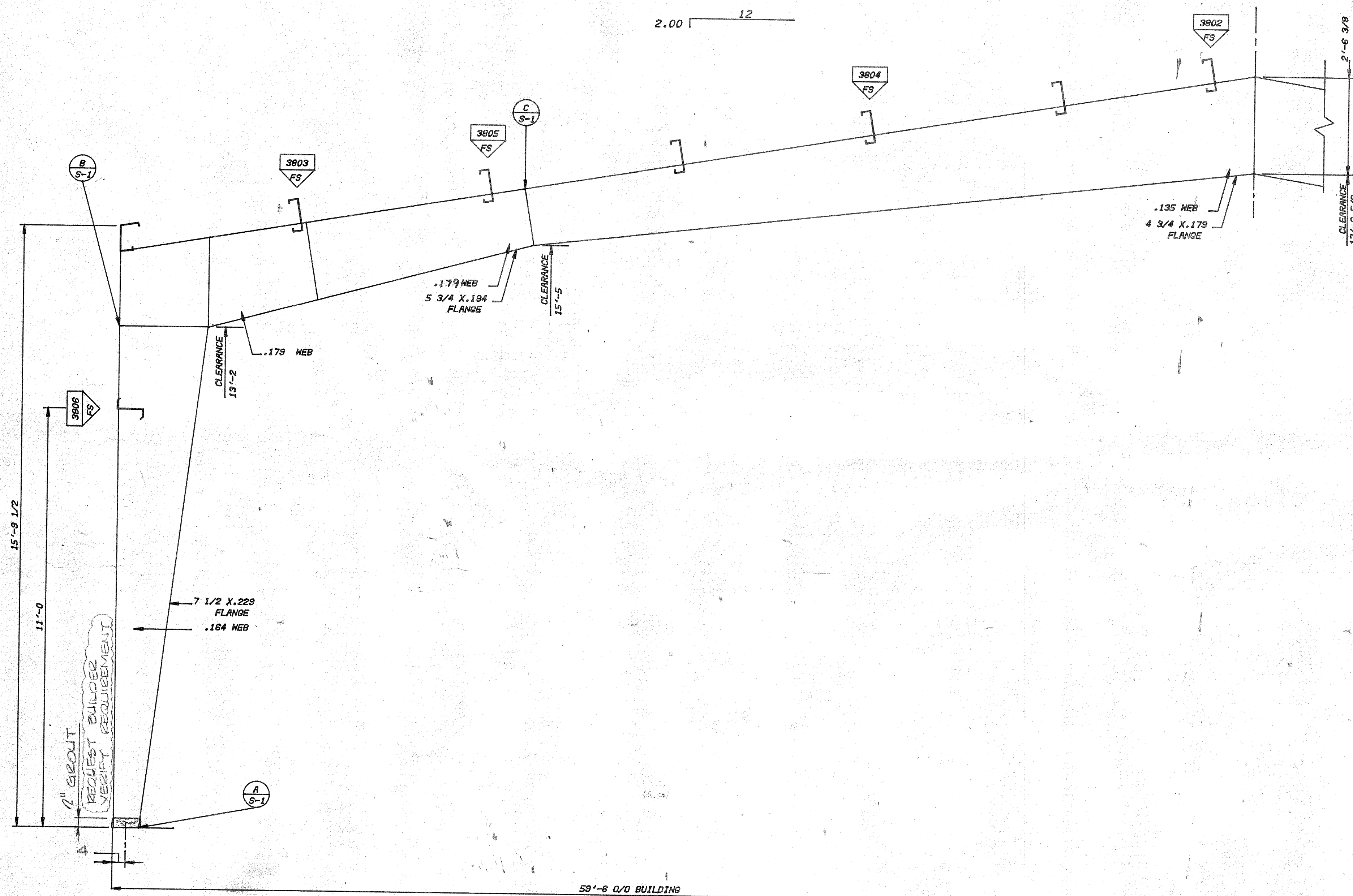
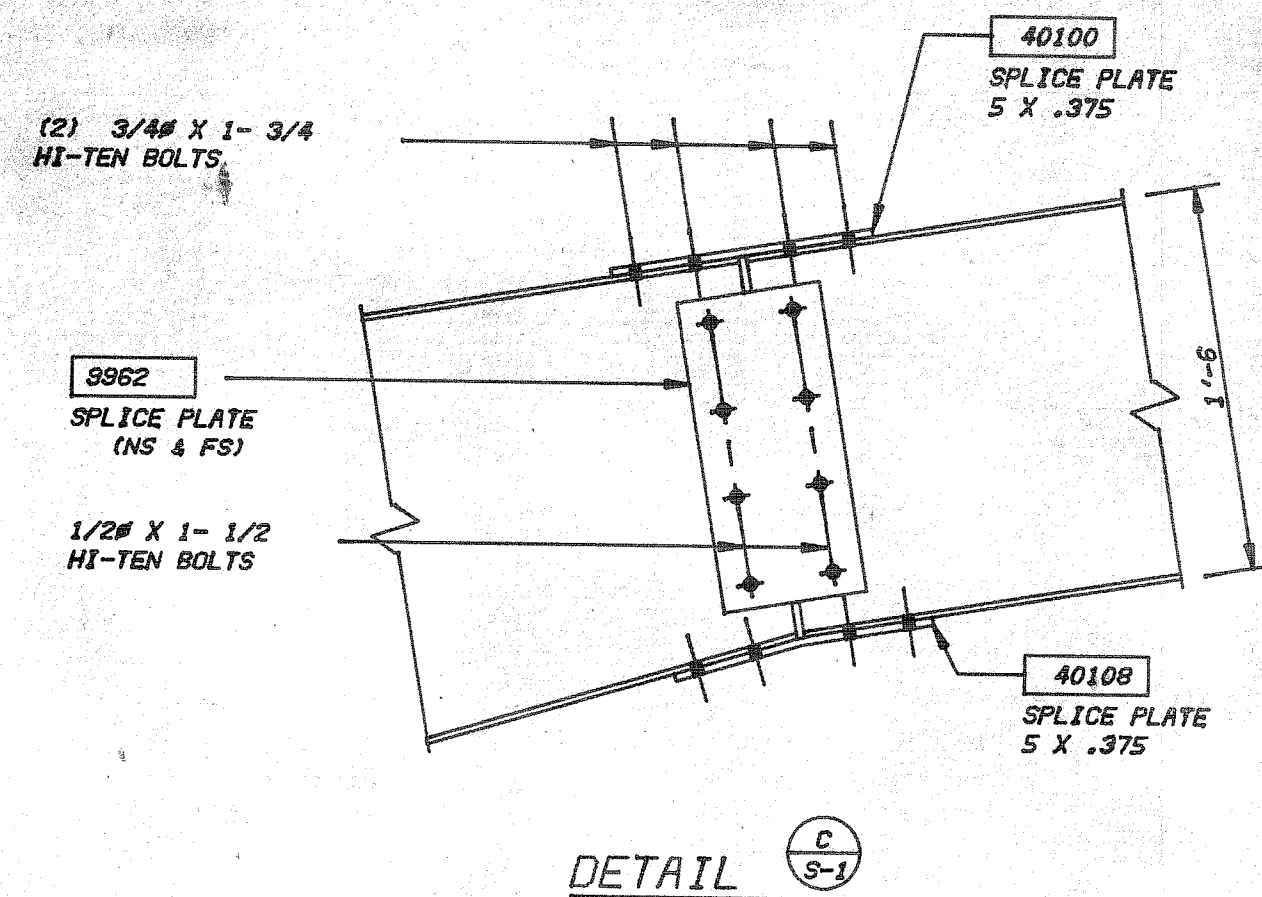
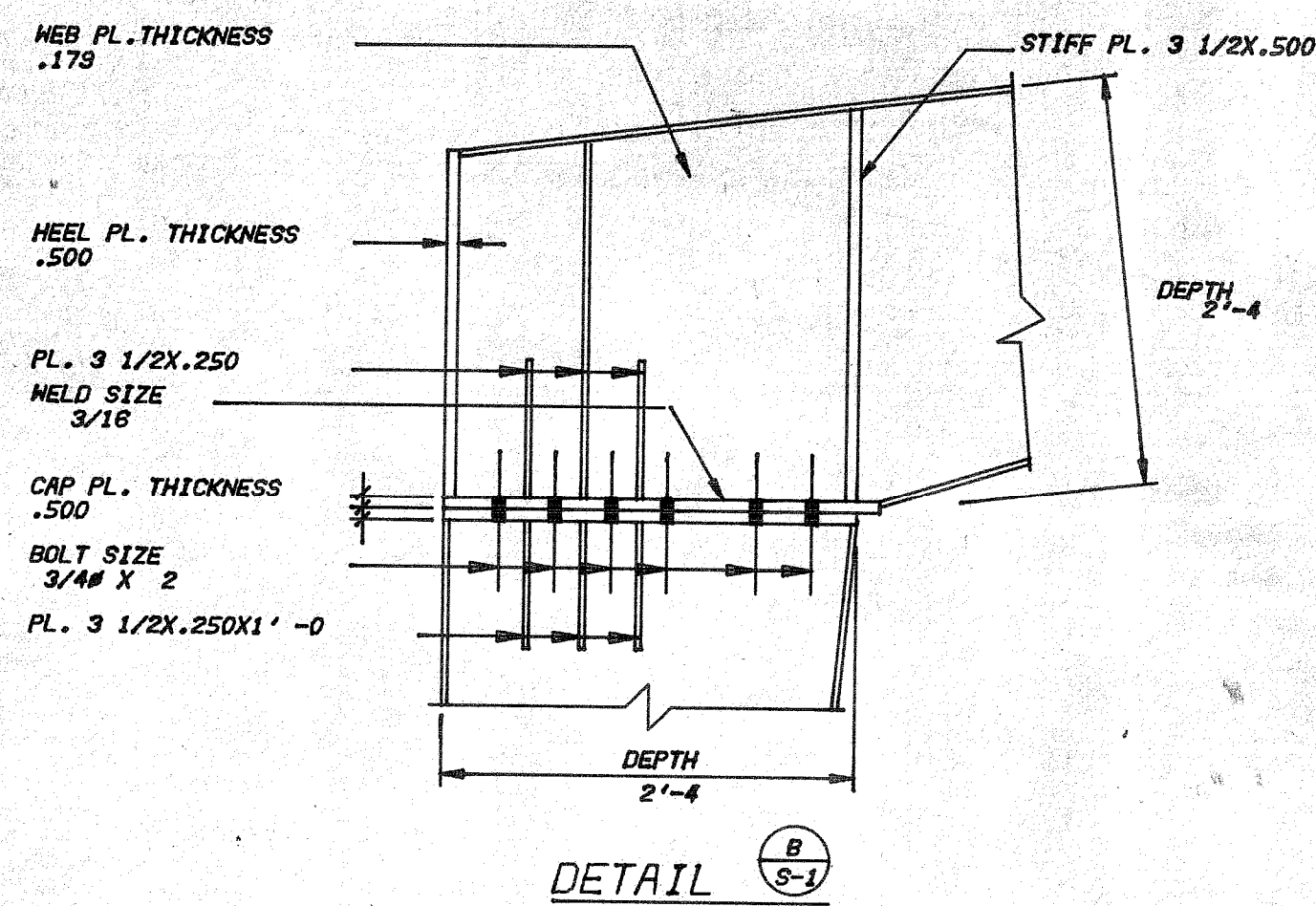
BOLTS	UNLESS NOTED
HOLES	UNLESS NOTED
PAINT	

DATE: 12/20/81
 DRAWN: MW
 CHECKED: JMS
 APPROVED:

PASCOE STEEL CORPORATION
 COLUMBUS, GEORGIA, POMONA, CALIFORNIA
 WATHENA, KANSAS

ANCHOR BOLT PLAN
 20# LL 29# WL
 MCDUFFIE TERMINAL
 MOBILE, ALA.

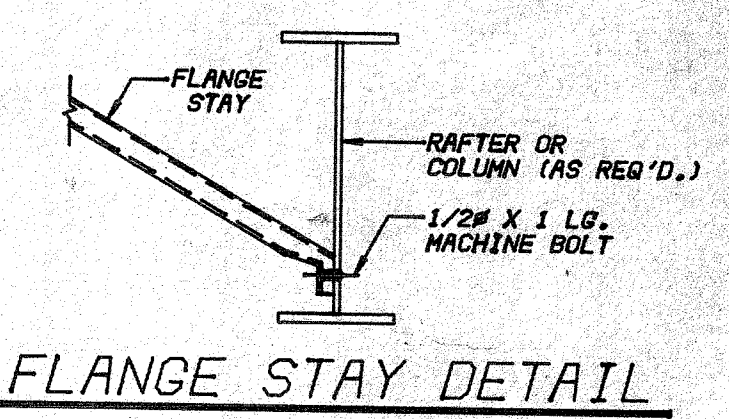
THE PROFESSIONAL ENGINEER OF ALABAMA	DWG NO.
F-1	F-1
S-1	JOB NO.
	CO 459500



THE ATTACHED DRAWINGS ARE FOR APPROVAL ONLY AND ARE NOT TO BE USED FOR ERECTION

APPROVED
 APPROVED AS NOTED
 NOT APPROVED
 RESUBMITTAL NOT REQ'D.
 RESUBMIT FOR APPROVAL

BY _____ DATE _____



CODE FS PART CODE NUMBER
 FLANGE STAY LOCATED THIS PURLIN OR GIRT

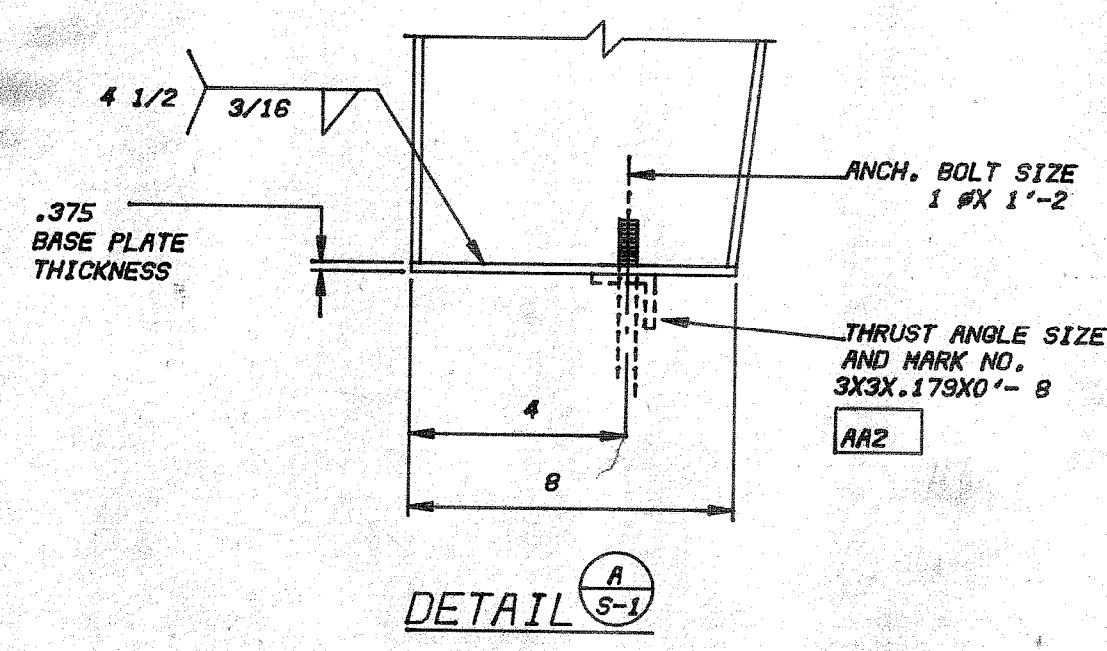
- GENERAL NOTES
1. ALL BOLTS ARE 1/2 INCH DIAMETER X 1 INCH LONG MACHINE BOLTS UNLESS NOTED.
 2. HIGH TENSILE BOLTS SHALL BE INSTALLED WITH A HARDENED WASHER UNDER THE NUT OR BOLT HEAD, WHICHEVER IS THE ELEMENT TURNED IN TIGHTENING.
 3. GALVANIZED OR PLATED HIGH-TENSILE BOLTS SHOULD HAVE LUBRICATION APPLIED TO THREADS TO REDUCE FRICTION.
 4. HIGH TENSILE BOLTS SHALL BE TIGHTENED TO PRODUCE A MINIMUM TENSION LOAD IN THE BOLT OF 12,000 POUNDS FOR 1/2 INCH DIAMETER BOLTS, 20,000 POUNDS FOR 3/4 INCH DIAMETER BOLTS, 33,000 POUNDS FOR 7/8 DIAMETER BOLTS, AND 51,000 POUNDS FOR 1 INCH DIAMETER BOLTS. TURN OF THE NUT METHOD IS AN ACCEPTABLE MEANS OF ACHIEVING TENSION LOADS.
 5. ALL BAR AND STRIP FOR FLANGES SHALL HAVE A MINIMUM YIELD STRESS OF 50,000 PSI.
 6. ALL SHEET AND PLATE FOR WEBS SHALL HAVE A MINIMUM YIELD STRESS OF 36,000 PSI.
 7. ALL LIGHT GAUGE STEEL SHALL BE FABRICATED FROM STEEL HAVING A MINIMUM YIELD STRESS OF 50,000 PSI.
 8. PANELS SHALL BE FABRICATED FROM STEEL HAVING A MINIMUM YIELD STRESS OF 50,000 PSI.
 9. ALL AUTOMATIC WELDING SHALL BE DONE BY THE SHIELDED ARC PROCESS. WELDING SHALL BE DONE BY QUALIFIED WELDERS USING THE PROPER ELECTRODE FOR THE WELD BEING PERFORMED.
 10. HIGH TENSILE BOLTS WITH HEAVY SEMI-FINISHED HEADS, HEAVY SEMI-FINISHED HEXAGON NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-307.
 11. ALL MACHINE BOLTS SHALL CONFORM TO A.S.T.M. A-307.
 12. ALL DIAGONAL RODS SHALL BE FABRICATED FROM STEEL CONFORMING TO A.S.T.M. A-36.
 13. ALL DIAGONAL CABLE SHALL BE FABRICATED FROM 1X7 GALVANIZED WIRE ROPE, EXTRA HIGH STRENGTH GRADE, EQUAL TO U.S.S. AMERSTRAND.
 14. GROUT UNDER COLUMNS WHEN REQUIRED SHALL BE PLACED AFTER ERECTION. GROUT IS NOT BY PASCOE STEEL CORPORATION.
 15. CALIFORNIA PLANT FABRICATION BY LOS ANGELES LICENSED FABRICATOR NO. 71 AND I.C.B.O. APPROVED FABRICATOR NO. FA 218.

David Volkert & Associates

By: _____ Date: _____

Approved As Submitted
 Approved Except As Noted
 Revised and Resubmitted
 Disapproved

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE CORRECTNESS OF THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.



RIGID FRAME TYPICAL SECTION
 (S) FRAMES REQUIRED

REFERENCE ONLY

DATE	NO.	REVISIONS	BY	CHK	DATE	DRAWN	CHECKED
12/16/81			MW	Don			

GRAPHICS FILE A95011

THIS DRAWING IS NOT TO SCALE UNLESS NOTED. DIMENSIONS GOVERN. DO NOT SCALE.

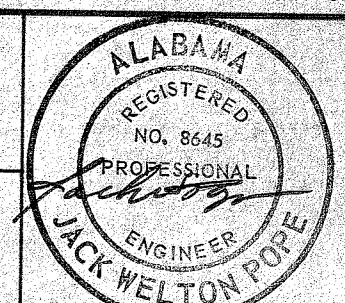
PASCOE BUILDING SYSTEMS
 COLUMBUS, GEORGIA POMONA, CALIFORNIA
 WATHENA, KANSAS SPOKANE, WASHINGTON

DIVISION OF ANCOR INC.

DRAWING TITLE
FRAME CROSS SECTION

DESIGN LOADS
 20# LL - 29# WL

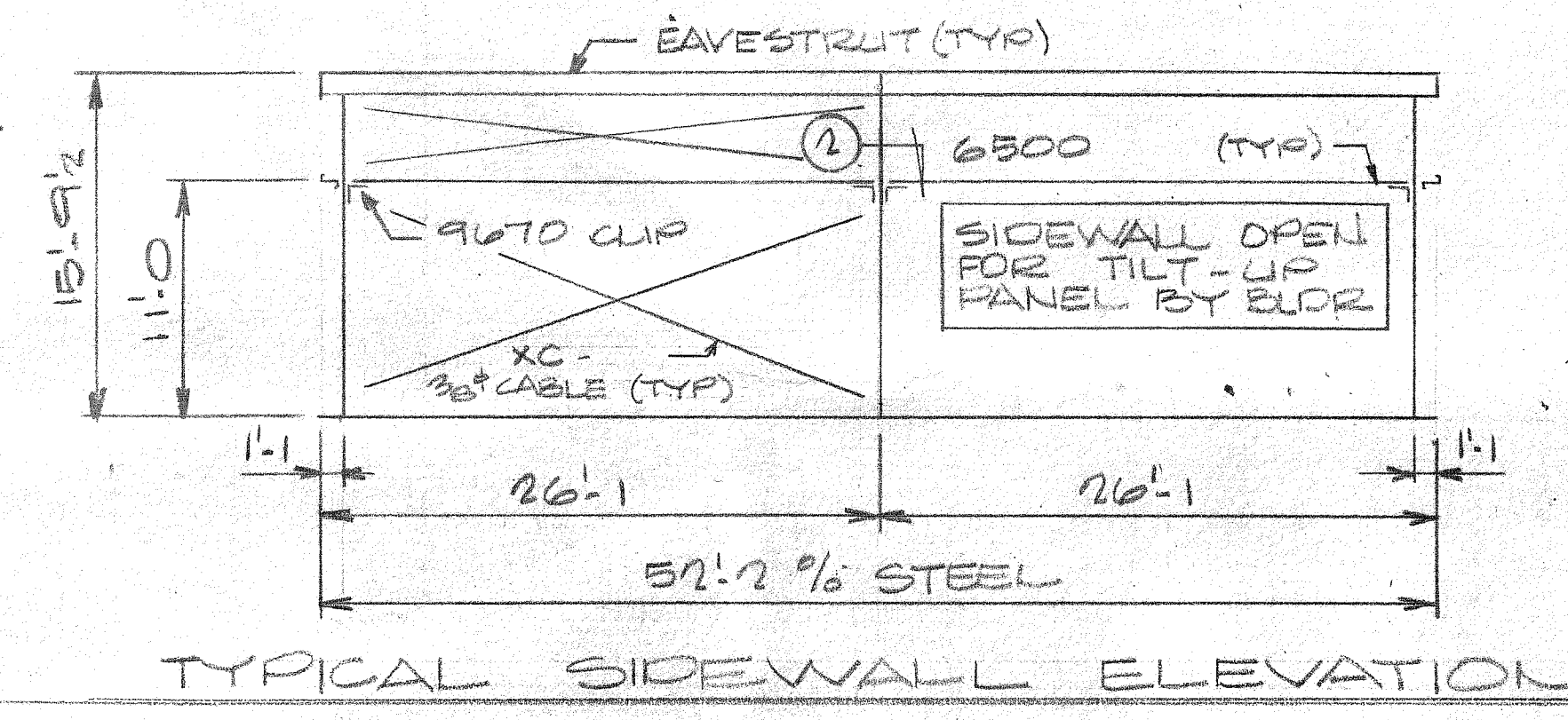
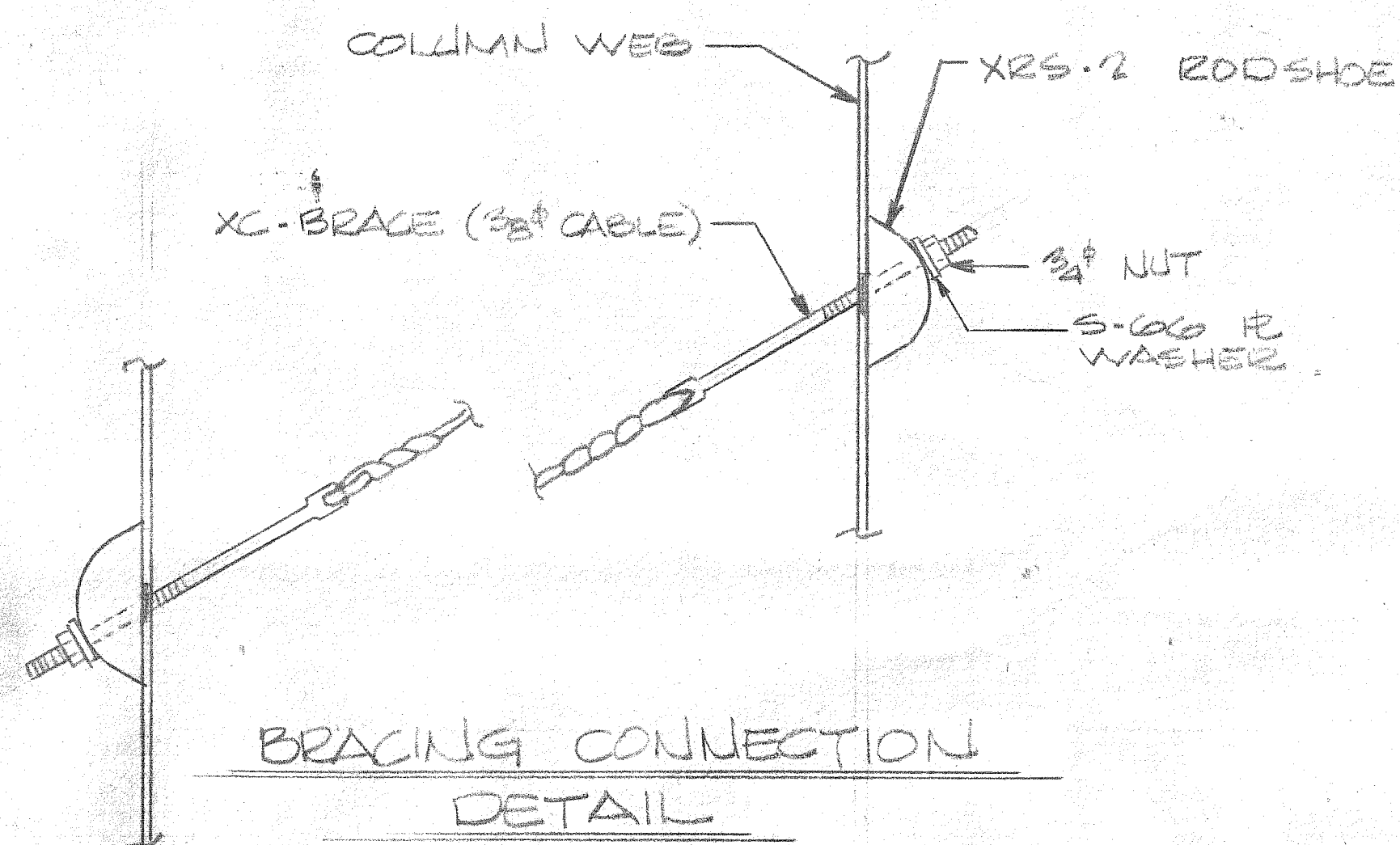
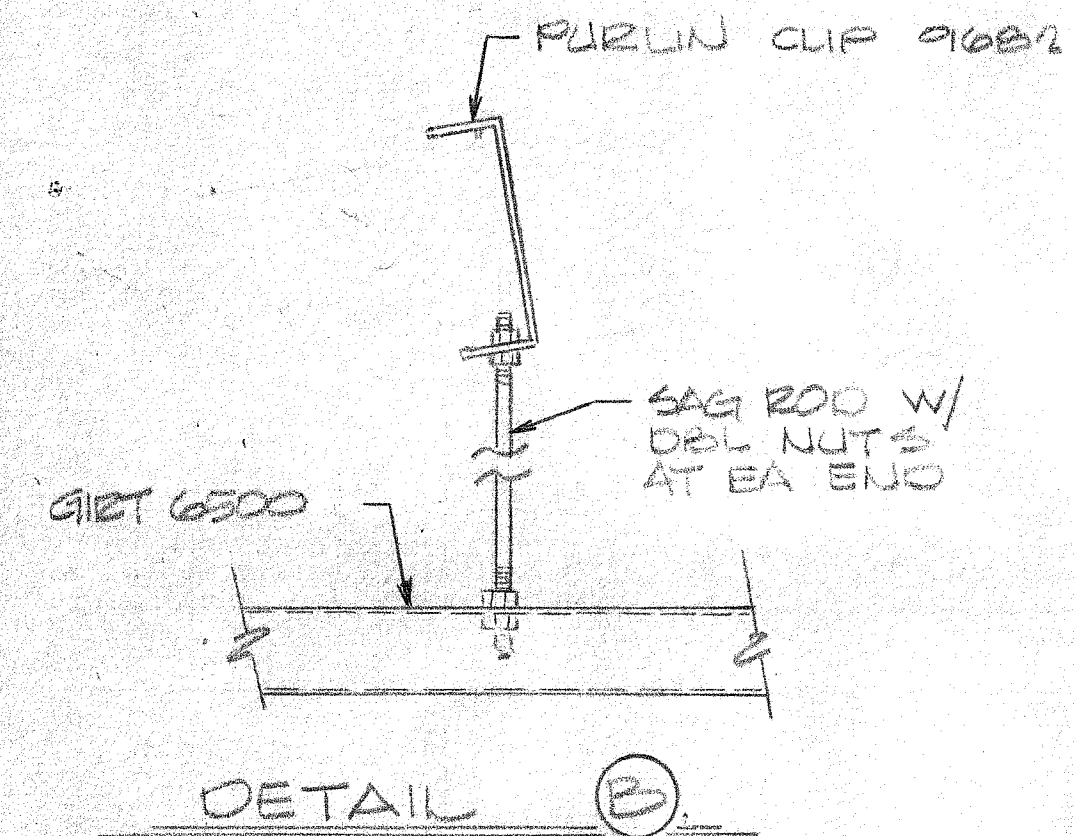
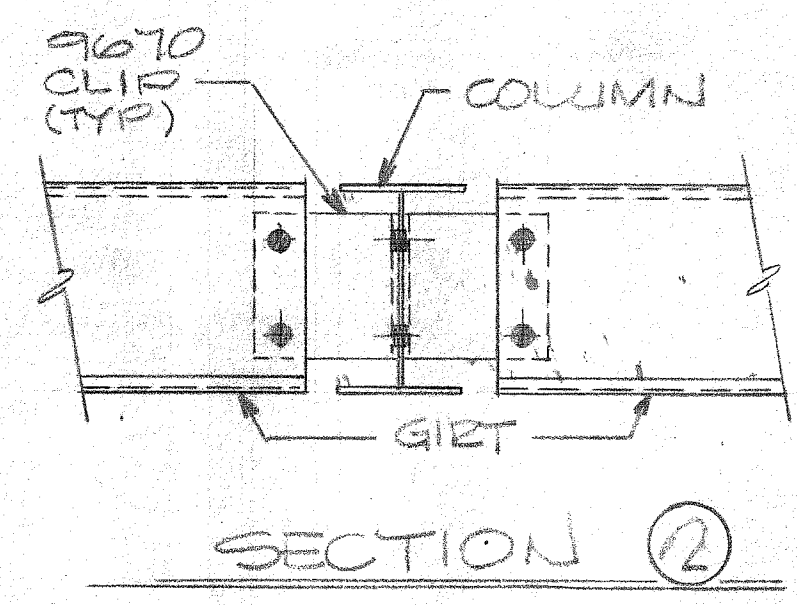
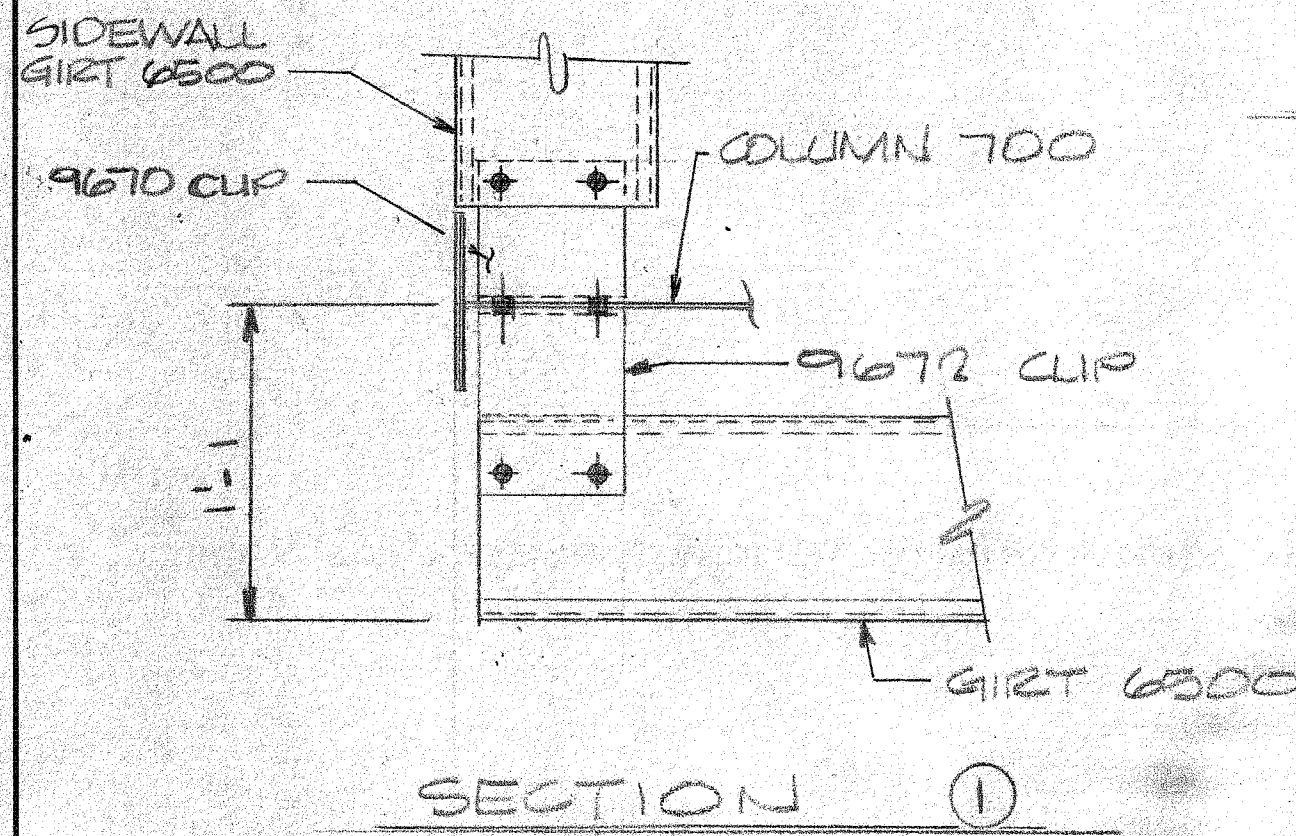
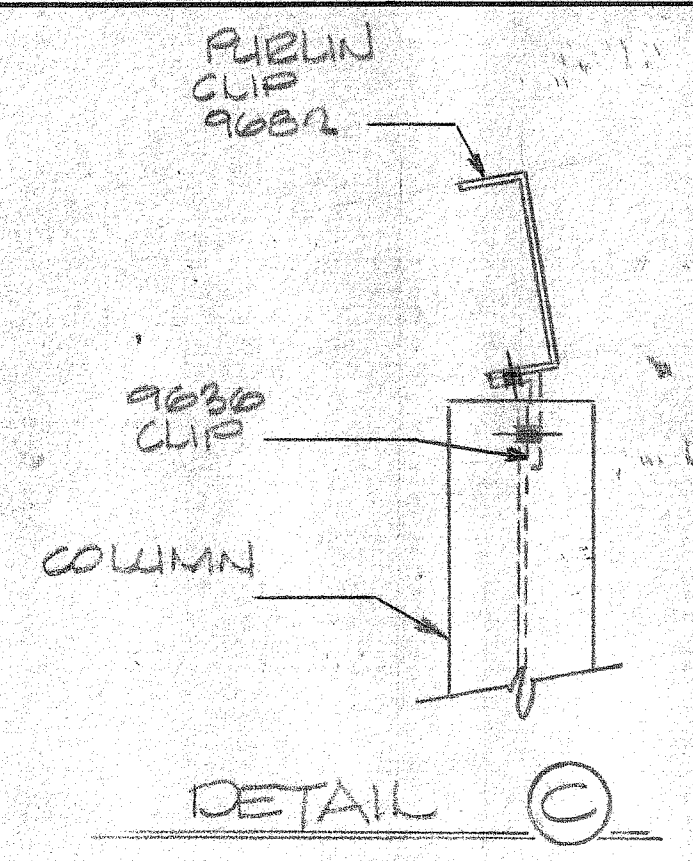
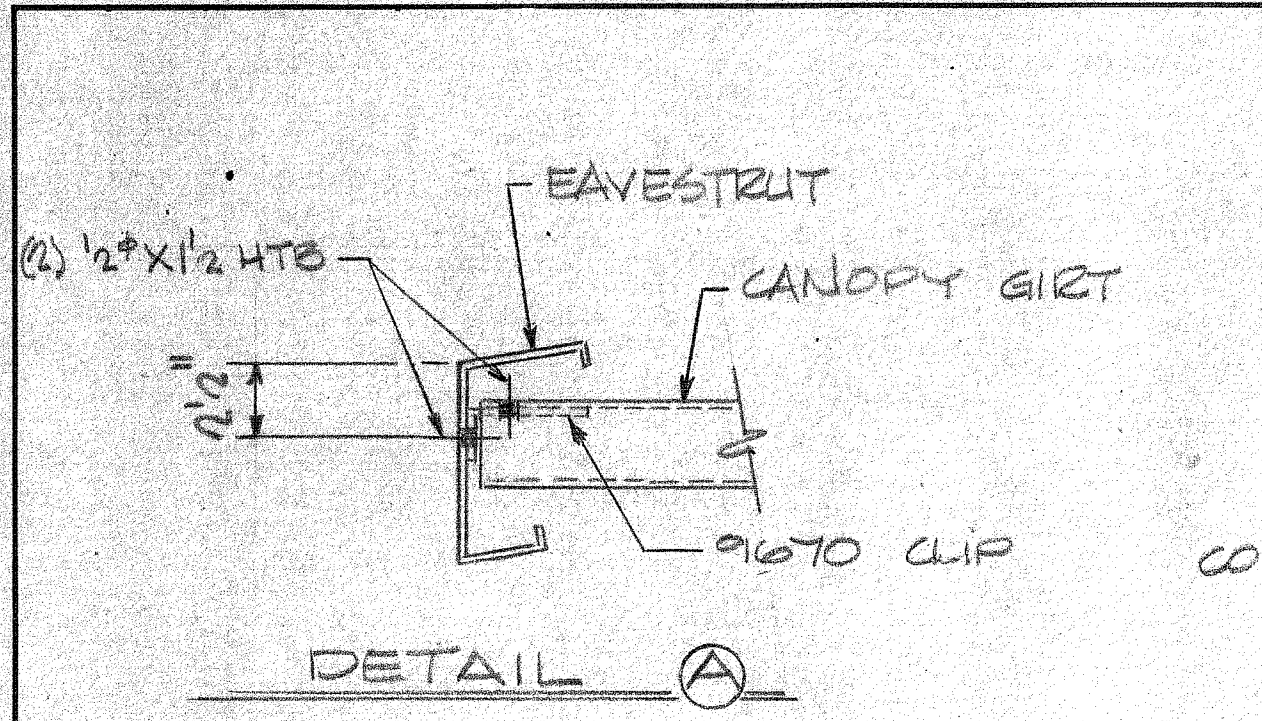
OWNER
 LOCATION
 BUILDER
 BUILDER JOB NO.



DWG. NO.
S-1

JOB NO.
 C04595.00

SHEET OF
 12 4

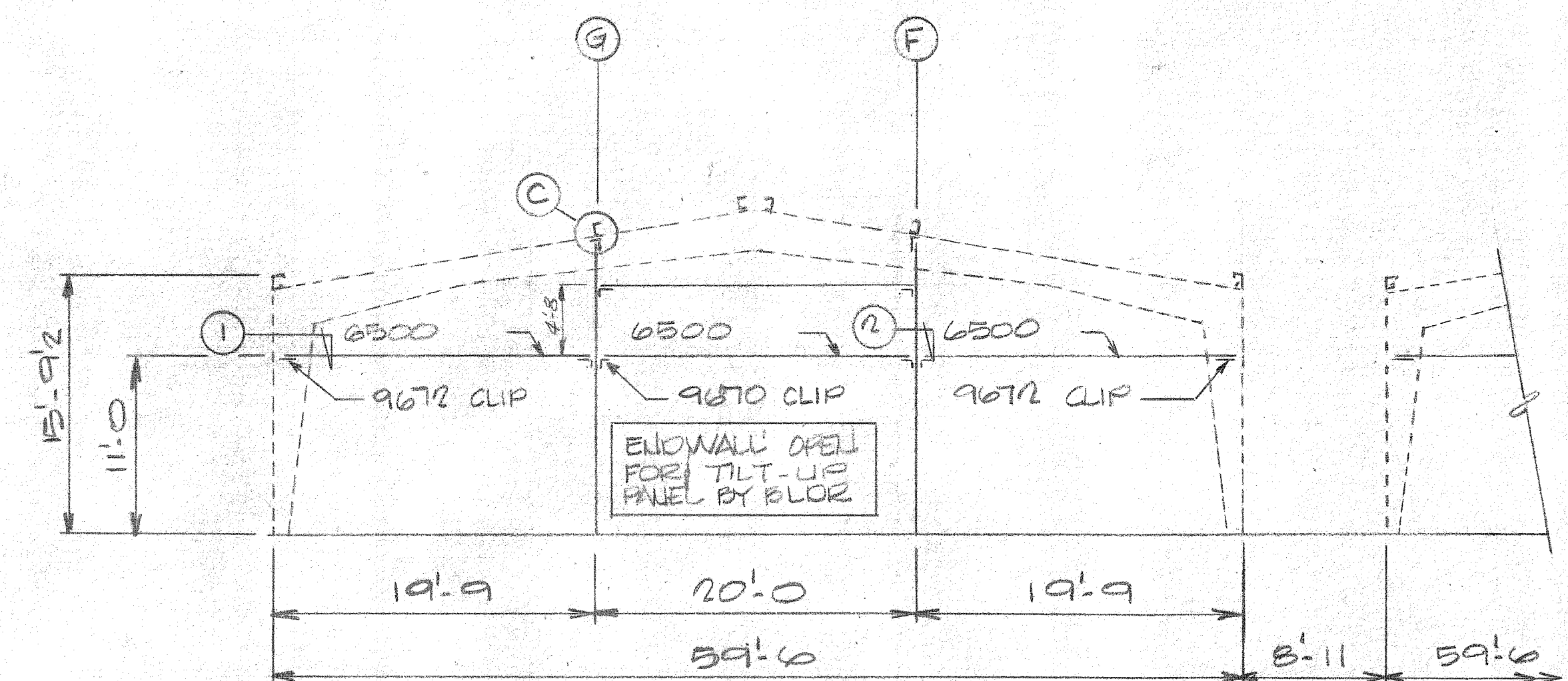
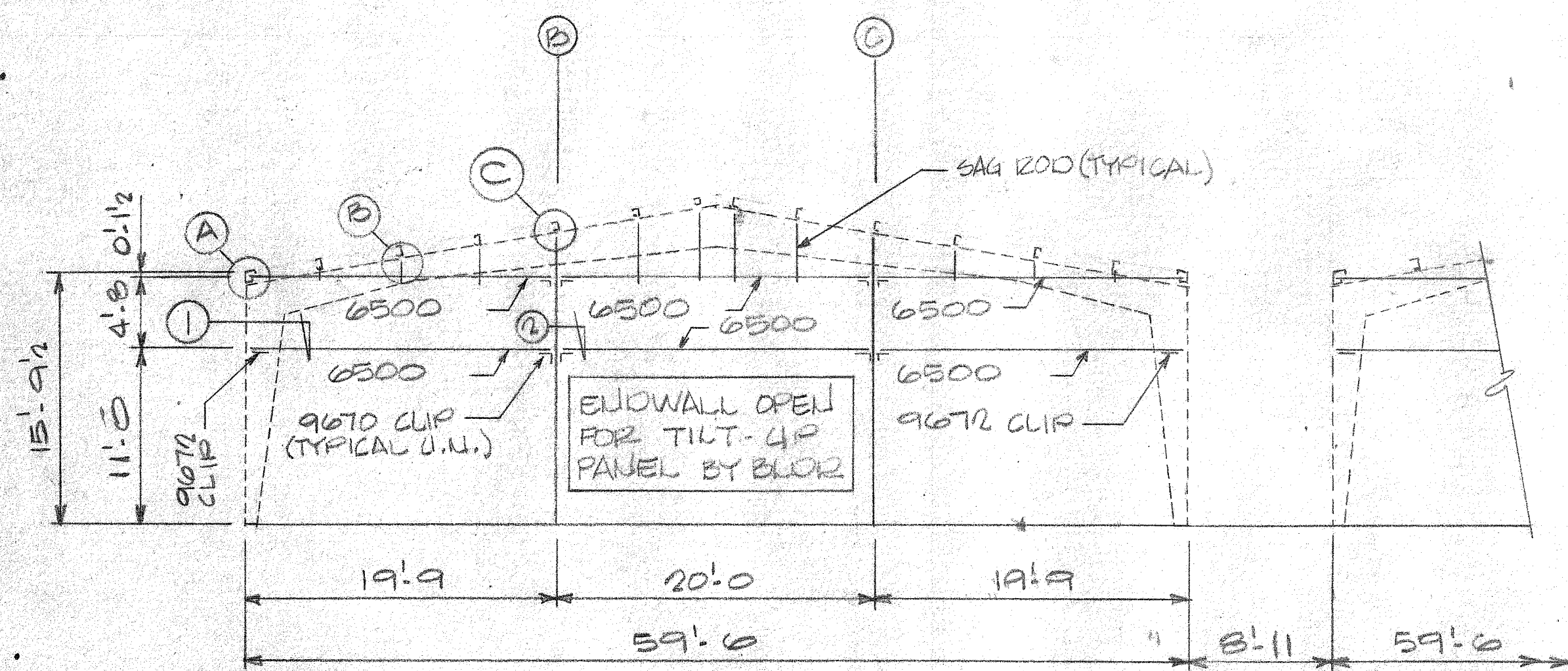


THE ATTACHED DRAWINGS ARE FOR APPROVAL ONLY AND ARE NOT TO BE USED FOR ERECTION

APPROVED
 APPROVED AS NOTED
 NOT APPROVED
 RESUBMITTAL NOT REQ'D.
 RESUBMIT FOR APPROVAL

BY: _____ DATE: _____

General Note: provide 12gs or thicker girts - (weld to plates in tilt-up panels).



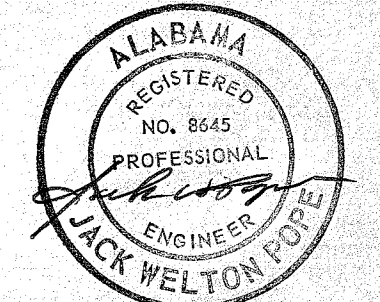
NOTE: TWO IDENTICAL BUILDINGS REQUIRED. RIGHT BUILDING ELEVATION OMITTED.

SEE NOTE AT WEST ENDWALL ELEVATION

DAVID VOLKERT & ASSOCIATES

Approved As Submitted By: *SOC*
 Approved Except As Noted
 Revise and Resubmit Date: *1/1/82*
 Disapproved

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY A.L. DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

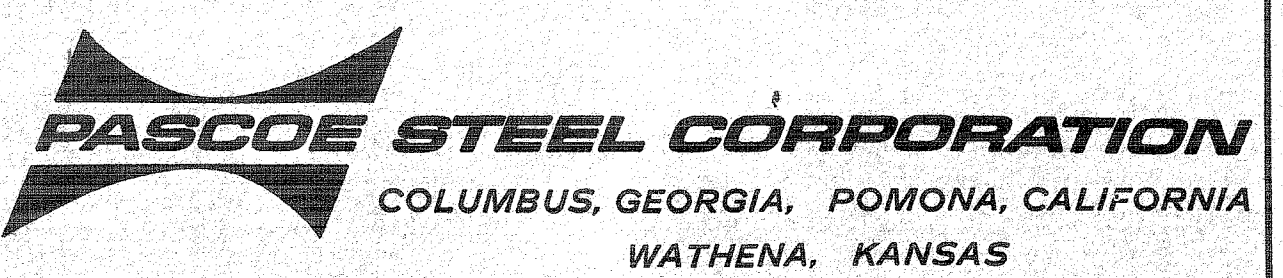


DATE	NO.	REVISIONS	BY	CHK'D.
	1			
	2			
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	6			

THIS DRAWING IS NOT TO SCALE UNLESS OTHERWISE NOTED. DIMENSIONS GOVERN. DO NOT SCALE.

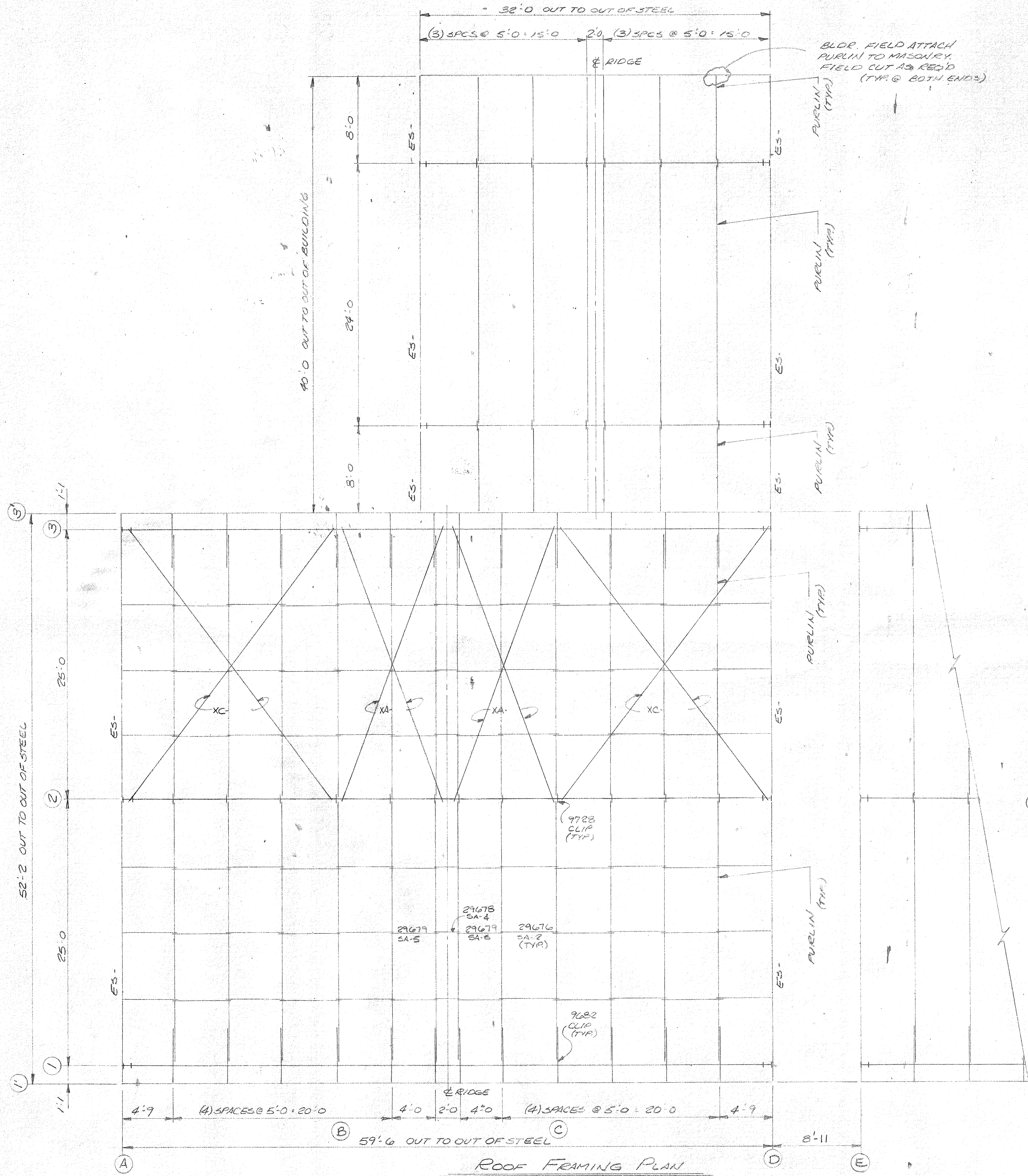
BOLTS UNLESS NOTED
 HOLES UNLESS NOTED
 PAINT UNLESS NOTED

DATE: 12-28-81
 DRAWN: DON
 CHECKED: JMT
 APPROVED: _____

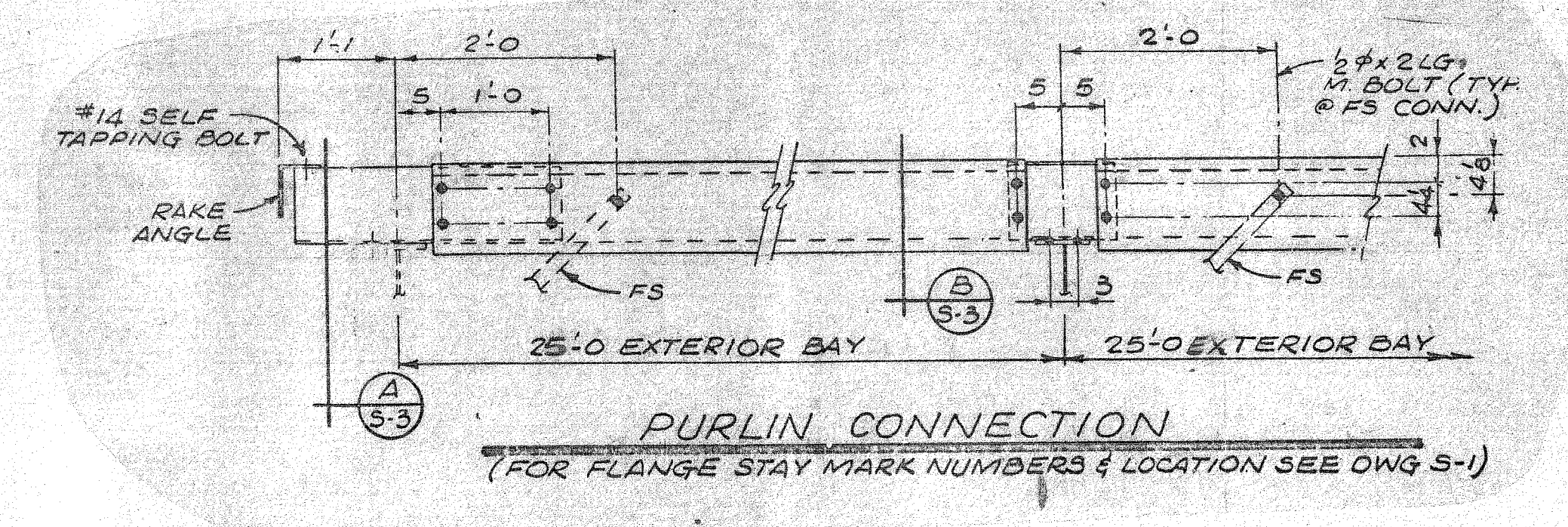


ELEVATIONS

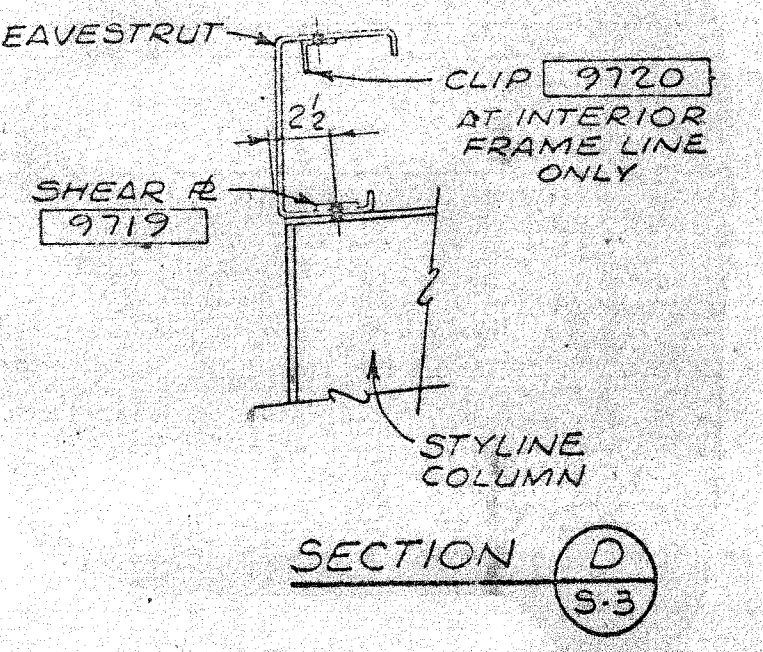
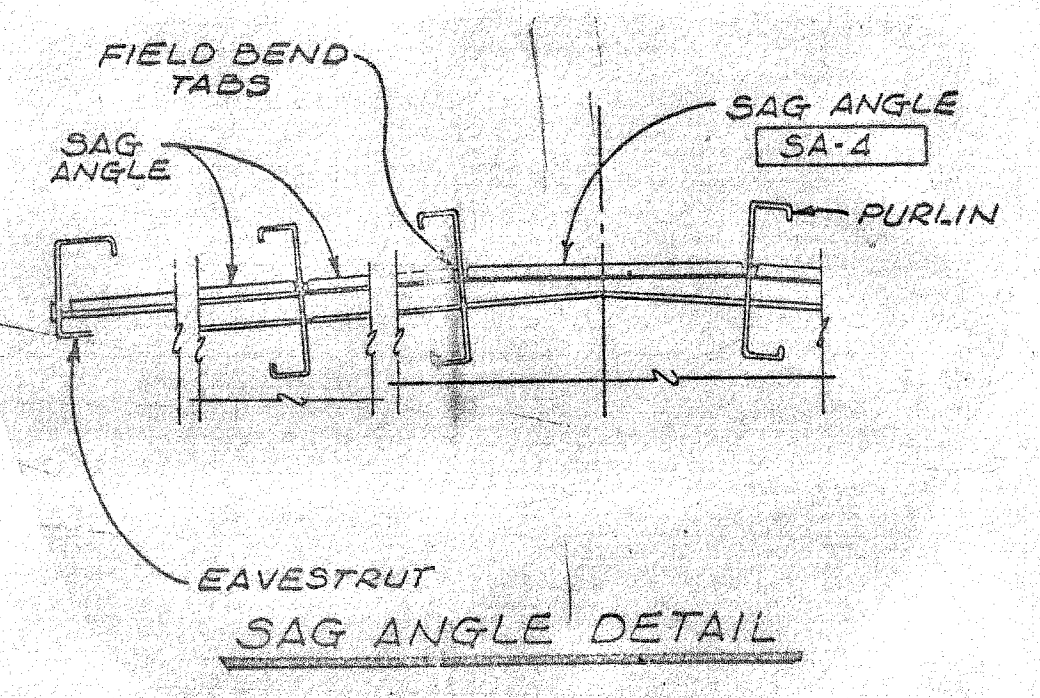
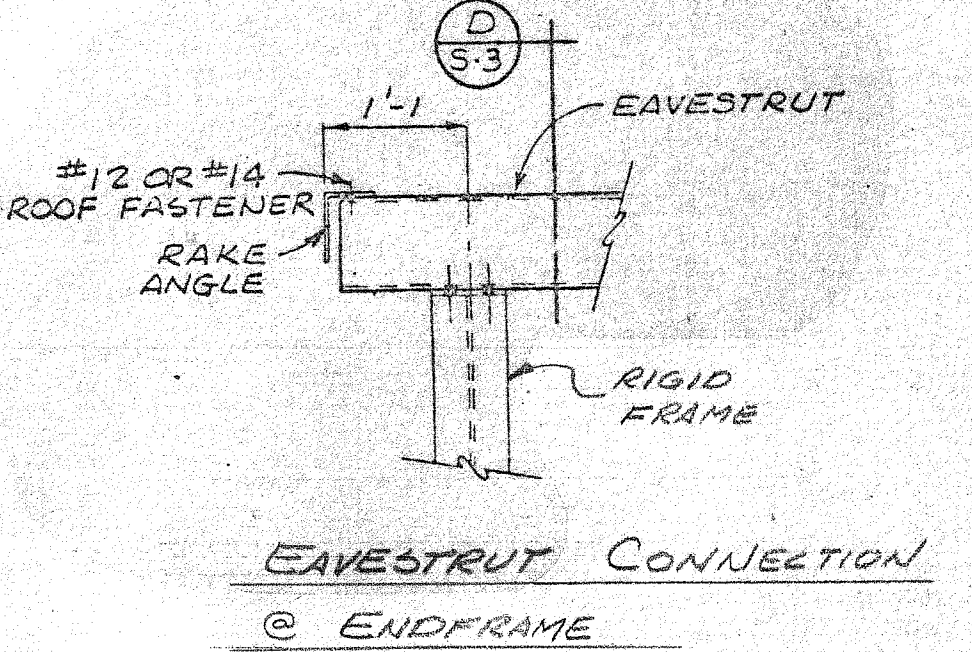
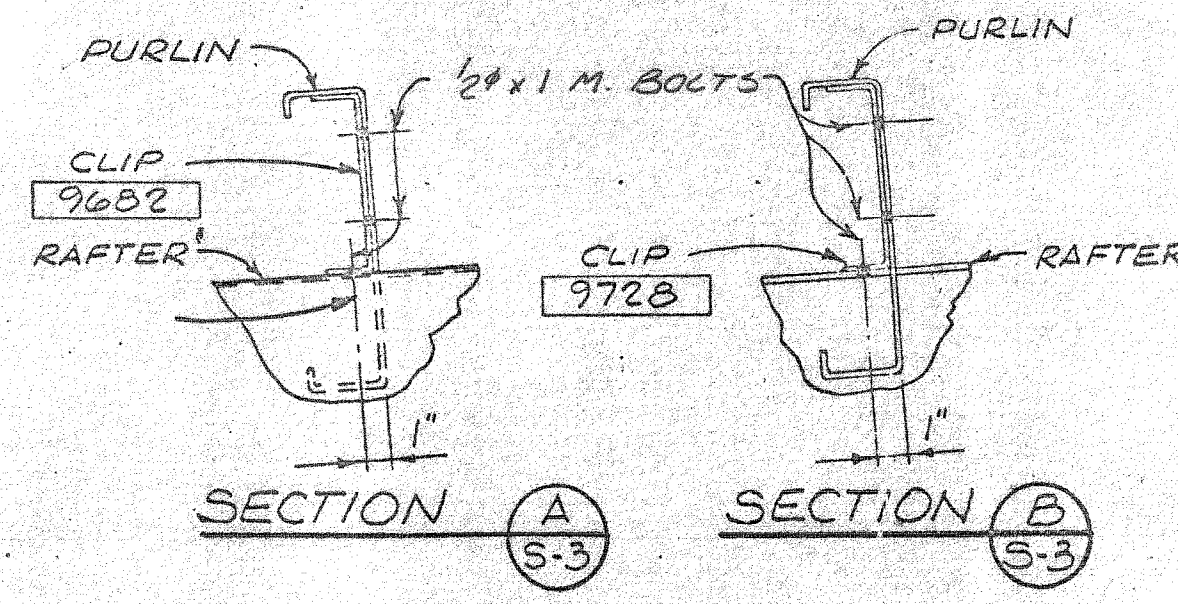
THE JOB CONSISTS OF THE FOLLOWING DWGS:	DWG NO.
F-1	5-2
S-1	
JOB NO.	CO 459500



Roof Framing Plan



PURLIN CONNECTION
(FOR FLANGE STAY MARK NUMBERS & LOCATION SEE DWG S-1)



THE ATTACHED DRAWINGS ARE FOR APPROVAL ONLY AND ARE NOT TO BE USED FOR ERECTION

APPROVED
 APPROVED AS NOTED
 NOT APPROVED
 RESUBMITTAL NOT REQ'D.
 RESUBMIT FOR APPROVAL

BY _____ DATE _____

ROOF FRAMING @ LINES @-H SAME AS FRAMING @ LINES A-E

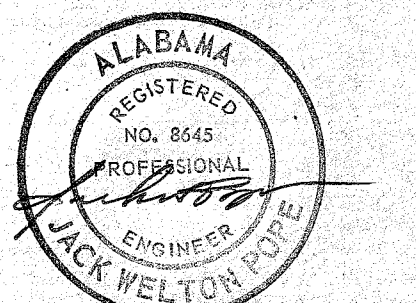
DAVID VOLKERT & ASSOCIATES

By: FW

Date: 1/22/82

Approved As Submitted
 Approved Except As Noted
 Revise and Resubmit
 Disapproved

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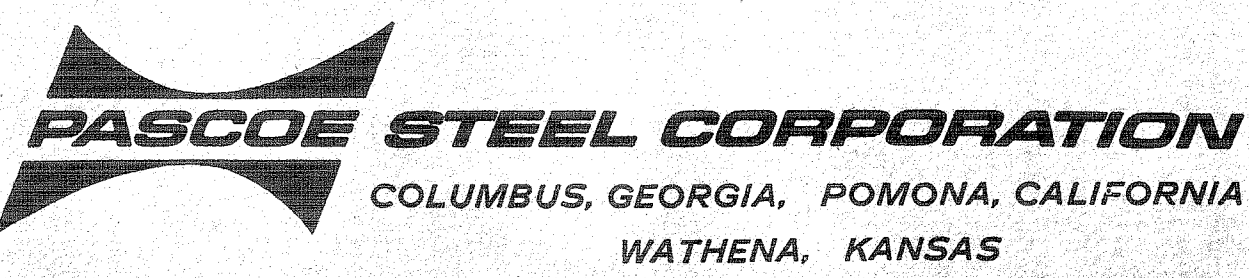


DATE	NO.	REVISIONS	BY	CHK'D.
	1			
	2			
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	6			

THIS DRAWING IS NOT TO SCALE UNLESS OTHERWISE NOTED. DIMENSIONS GOVERN. DO NOT SCALE.

BOLTS _____ UNLESS NOTED
 HOLES _____
 PAINT _____

DATE: 12/29/81
 DRAWN: MW
 CHECKED: JMJ
 APPROVED: _____

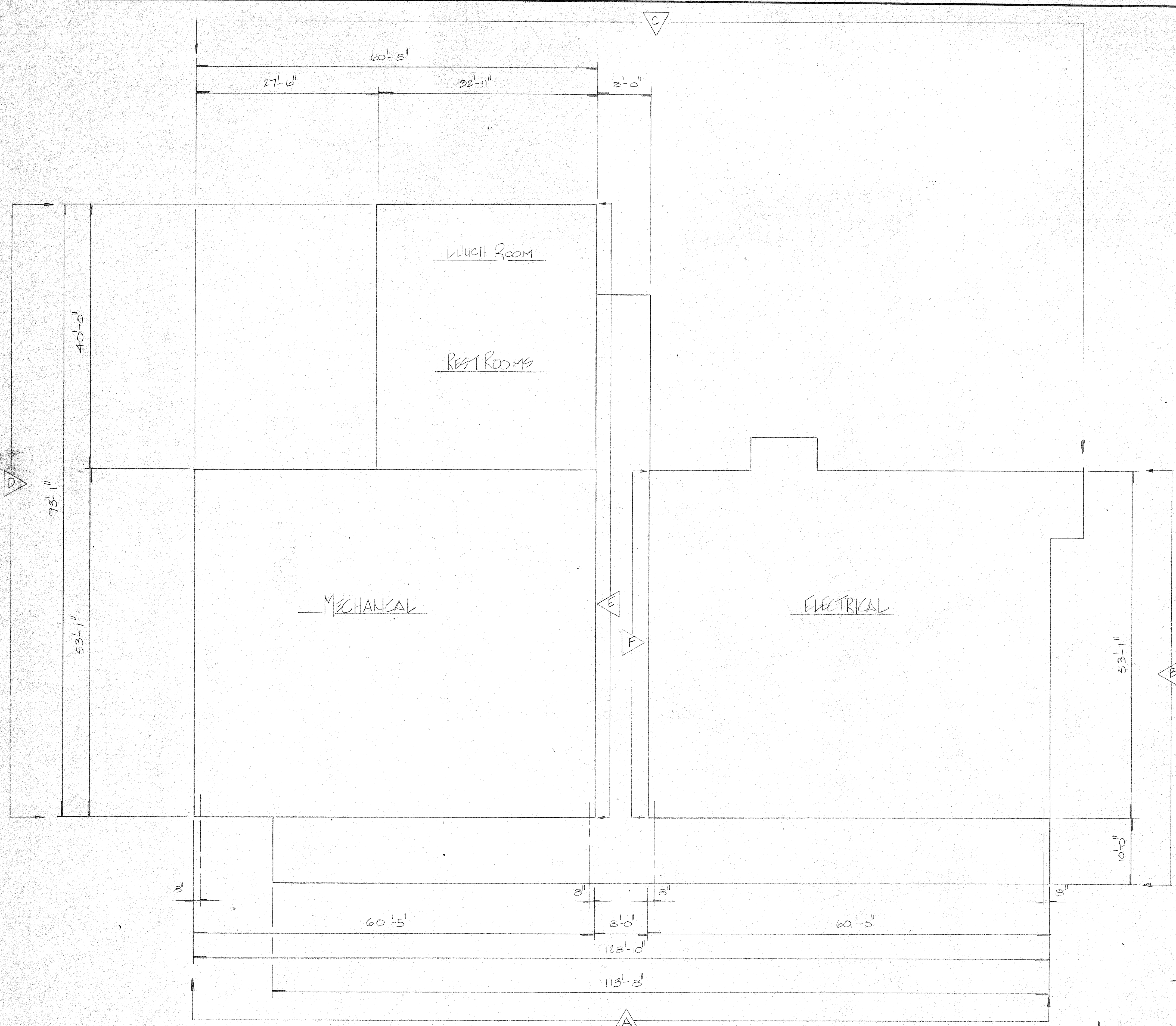


Roof Framing

THIS JOB CONSISTS OF THE FOLLOWING DWGS:

F-1	S-3
S-1	

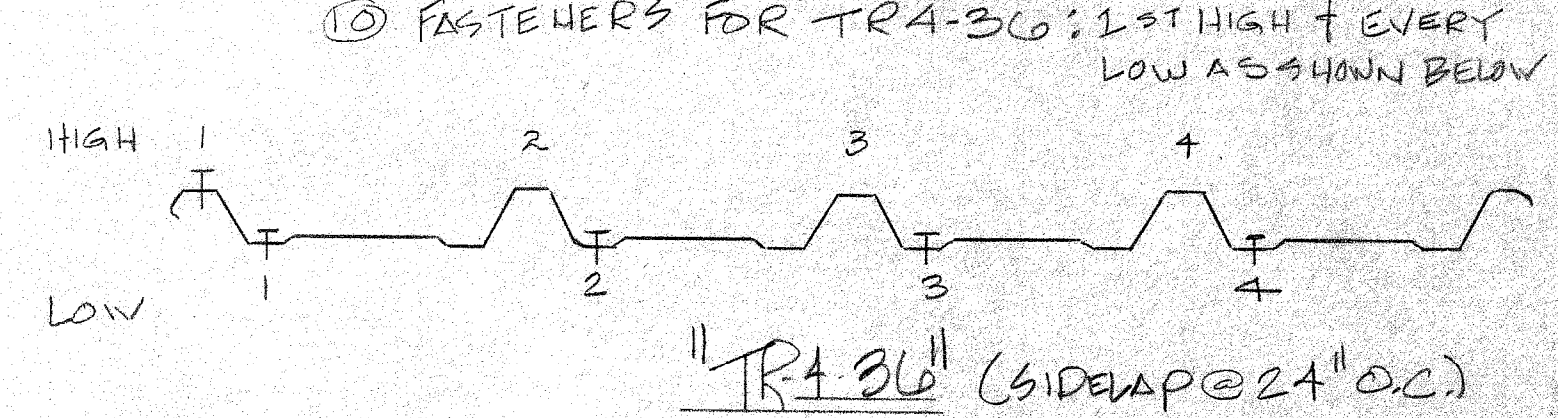
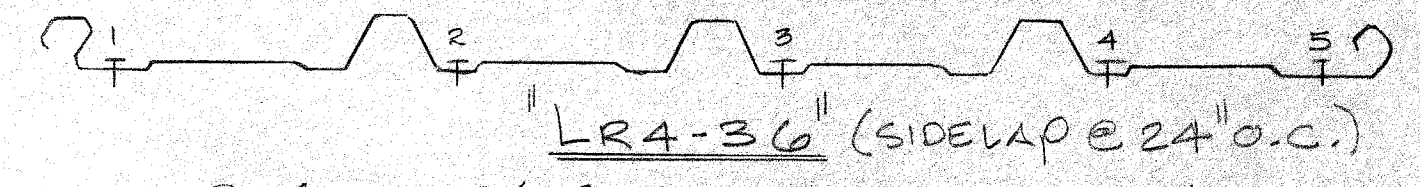
JOB NO. 00459500



KEY PLAN OF ELEVATION
SCALE: N.T.S.

GENERAL NOTES

- MATERIALS ARE TO BE:
- VERSACOR LRA-36 22 GA FOR ROOFING + CANOPY COLOR: PLEASE PROVIDE
 - FLASHING FOR ROOF TO BE SAME GA. AND COLOR.
 - VERSACOR TRA-36 24 GA FOR GARD STATION SIDE WALL
 - FLASHING FOR SIDE WALL TO BE SAME GA. AND COLOR.
 - LINER ARE TO BE L&V GALV LINERS 22 GA
 - LINER FLASHING TO BE SAME GA AND GALV. ONLY TO MATCH LINERS
 - FIBER PANEL ARE TO BE 12 OZ STYROLIGHT IN TRA-36 PROFILE COLOR: (PLEASE PROVIDE)
 - FASTENERS ARE TO 410 STAINLESS STEEL
 - LRA-36 FASTENER: EVERY LOW AS SHOWN BELOW



- STYROLIGHT FASTENERS: 1st HIGH (USE SB2 FASTENER + EVERY LOW STD. FASTENER SB2 @ 24" O.C. @ SIDE LAP

LEGEND

- DIRECTION OF ERECTION OR D.O.E.
- *: NOT BY QUANTUM CONST INC. OR H.H. ROBERTSON.
- S.P.: STARTING POINT.

NOTE: FLAT STICK FOR GUTTERS + DOWNSPOUTS FOR FIELD FABRICATION (PLEASE SUBMIT YOUR DWG. FOR GUTTERS, DOWNSPOUTS AND ACCESSORIES)

Note: All gauges, & fastenings to be such as to meet 120 mph wind load requirement

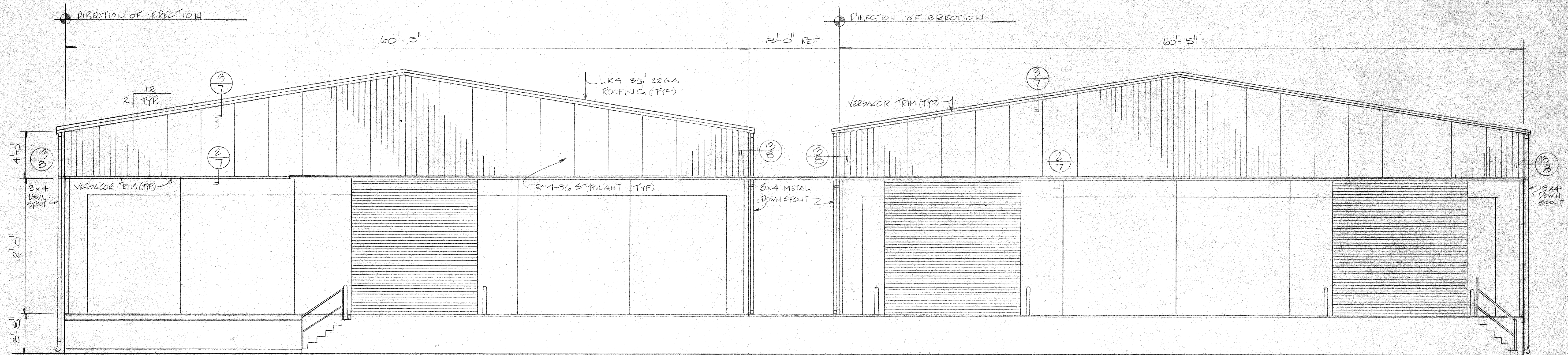
DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>1/28/08</i>
Revise and Resubmit	
Disapproved	

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NOTE FOR CANOPY LAYOUT SEE SHEET: 6 OF: 8.

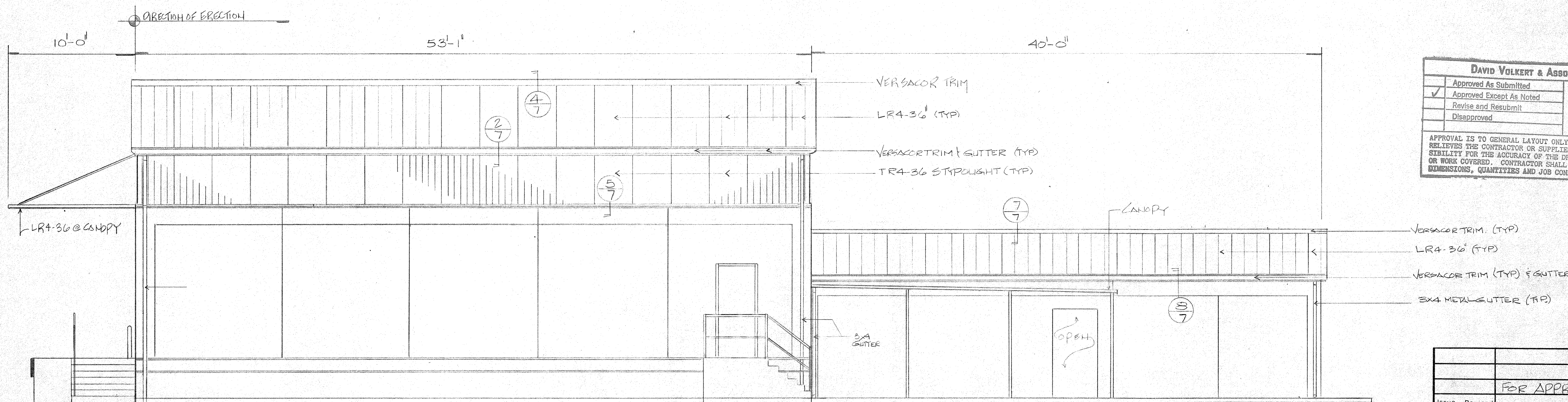
REFERENCE ONLY

FOR APPROVAL		1-28-08	PDA
Issue	Revised	Date	By
Robertson H. H. ROBERTSON CO. CONTRACT/SUPPLY ATLANTA, GA.			
Architect	VOLKERT & ASSOC.		
Contractor	A. D. WARD CONST. CO.		
Owner	CITY OF MOBILE		
Building	MCDUFFIE TERMINALS		
Location	MOBILE, ALA.		
Date	W.O. 40058	Sheet	1 Of 8



WEST ELEVATION "A"
SCALE: N.T.S.

NOTE:
ALL PANEL ARE FIELD CUT AND WILL BE SUPPLIED IN FULL LENGTH.



SOUTH ELEVATION "B"
SCALE: N.T.S.

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>JEM</i>
Approved Except As Noted	Date: <i>2/10/08</i>
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

REFERENCE ONLY

Issue	Revised	Date	By

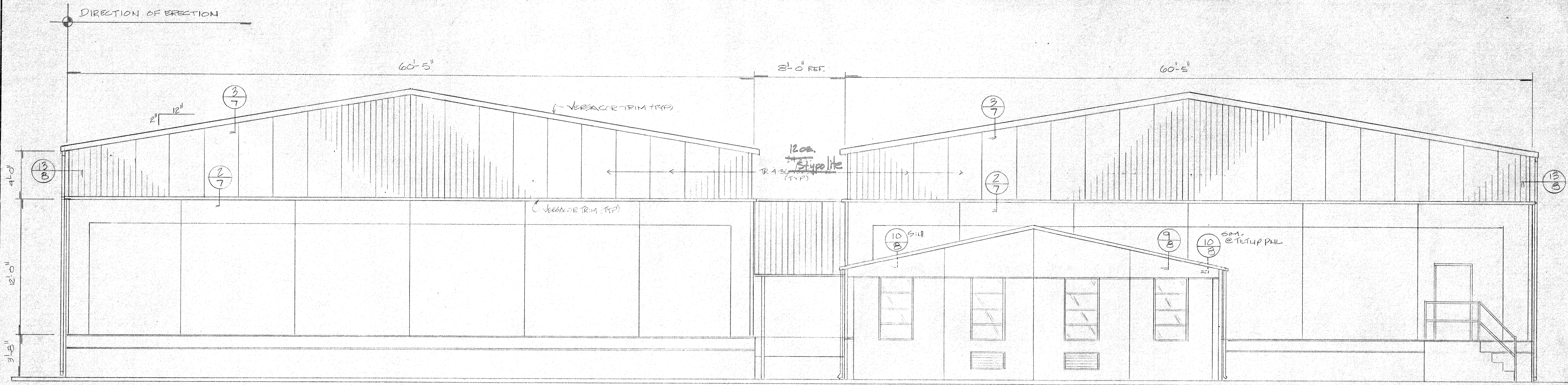
FOR APPROVAL

Robertson H. H. ROBERTSON CO.
CONTRACT/SUPPLY
ATLANTA, GA.

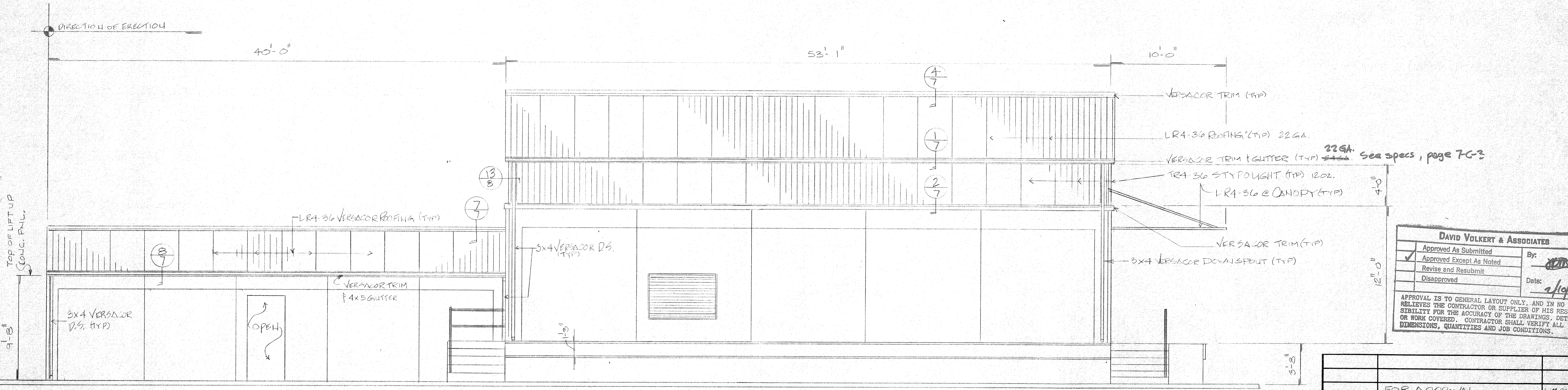
Architect	VOLKERT & ASSOC
Contractor	A. D. WARD CONST. CO.
Owner	CITY OF MOBILE
Building	MCDUFFIE TERMINALS
Location	MOBILE, ALA
Date	W.O. 40038

Sheet 2 Of 8

BRUNING 40-590-37742



EAST ELEVATION "C"
SCALE: N.T.S.



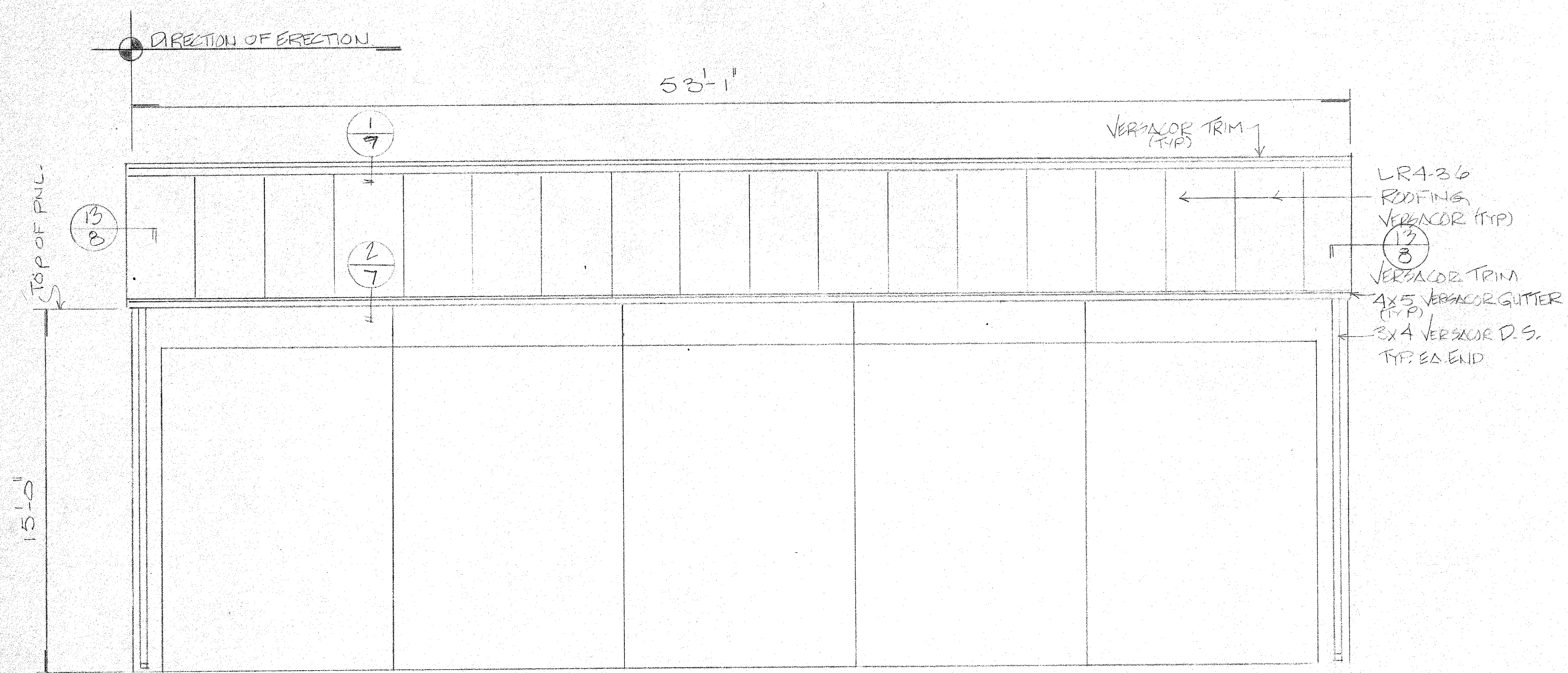
NORTH ELEVATION "D"
SCALE: N.T.S.

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>2/10/20</i>
Revise and Resubmit	
Disapproved	

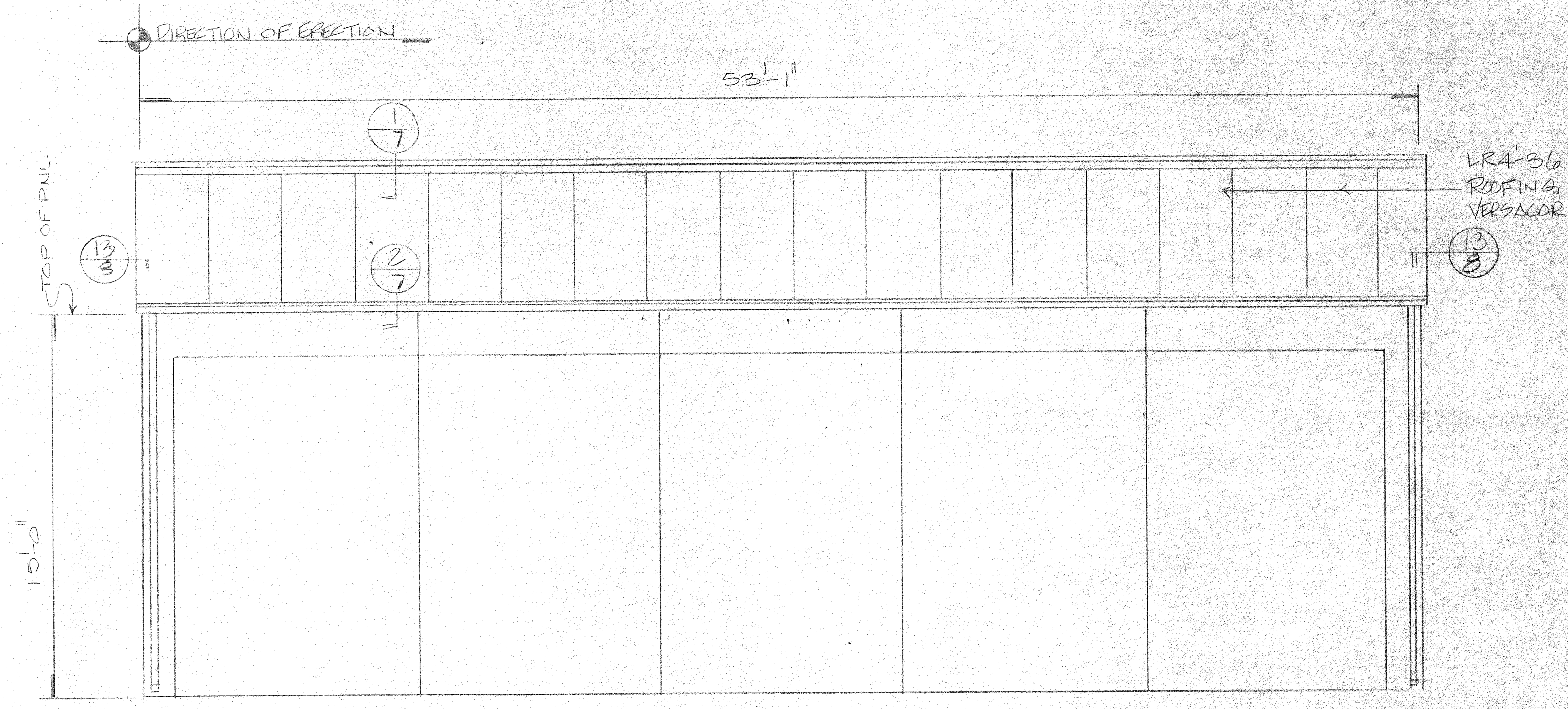
APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

FOR APPROVAL		Date	By
Issue	Revised		
		H. H. ROBERTSON CO. CONTRACT/SUPPLY ATLANTA, GA.	
Architect	VOLKERT & ASSOC.		
Contractor	A. D. WARD CONST. CO.		
Owner	CITY OF MOBILE		
Building	McDUFFIE TERMINALS		
Location	MOBILE, ALA.		
Date	W.O. 40038	Sheet	3 Of 8

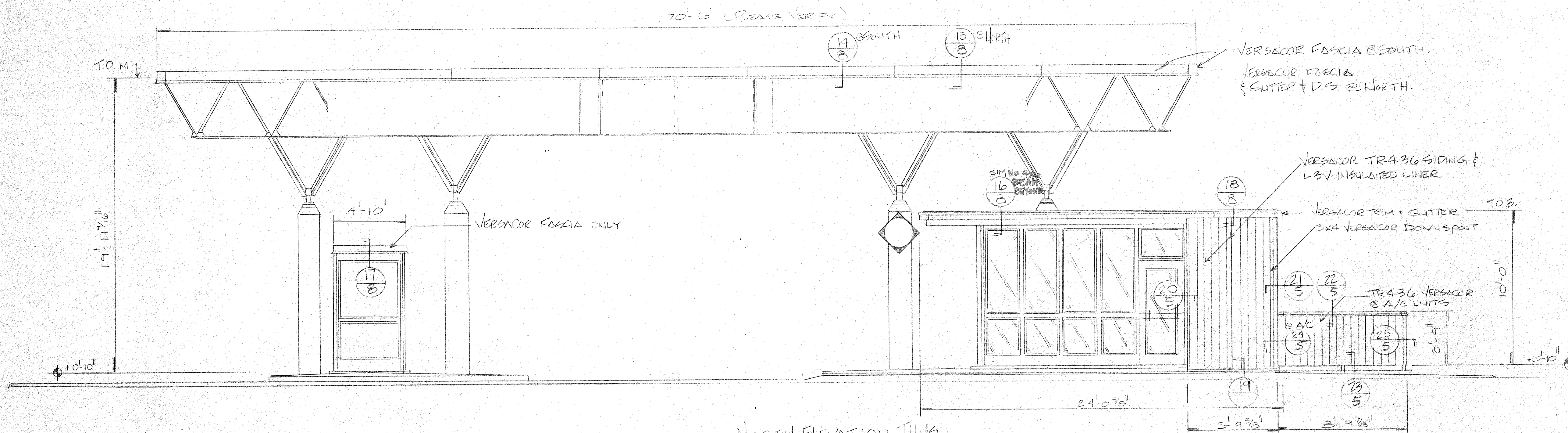
REFERENCE ONLY



THRU ELEVATION "E"
SCALE: N.T.S.



THRU ELEVATION "F"
SCALE: N.T.S.



NORTH ELEVATION THUS.
CHECK (1) REVD THUS.
SOUTH ELEVATION OPP.
CHECK (1) REVD OPP.
SCALE: N.T.S.

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>1/10/98</i>
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

Issue	Revised	Date	By

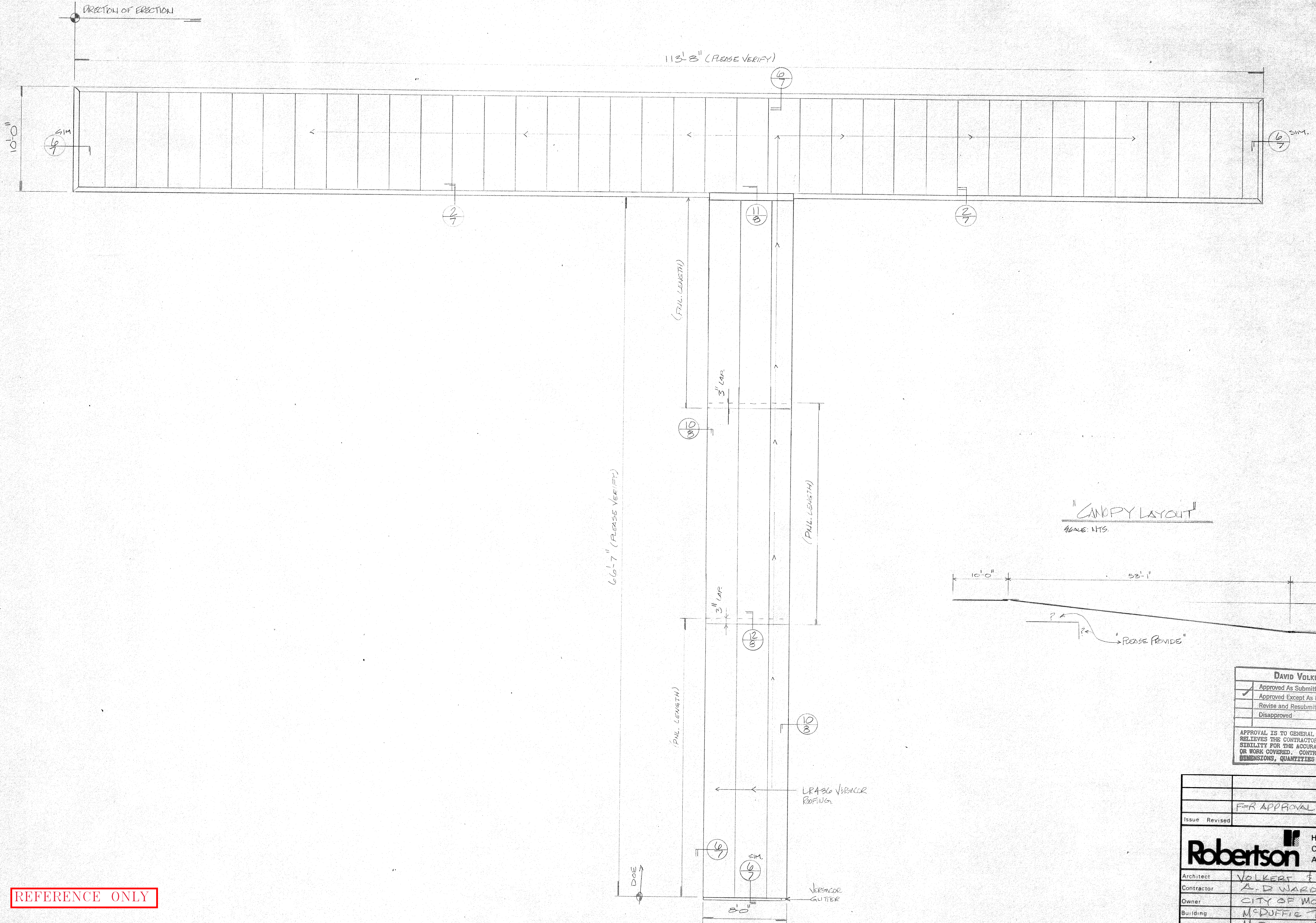
FOR APPROVAL

Architect	VOLKERT & ASSOC.
Contractor	A. DWARD CONST. CO.
Owner	CITY OF MOBILE
Building	MC DUFFIE TERMINALS
Location	MOBILE, ALA.
Date	1-82

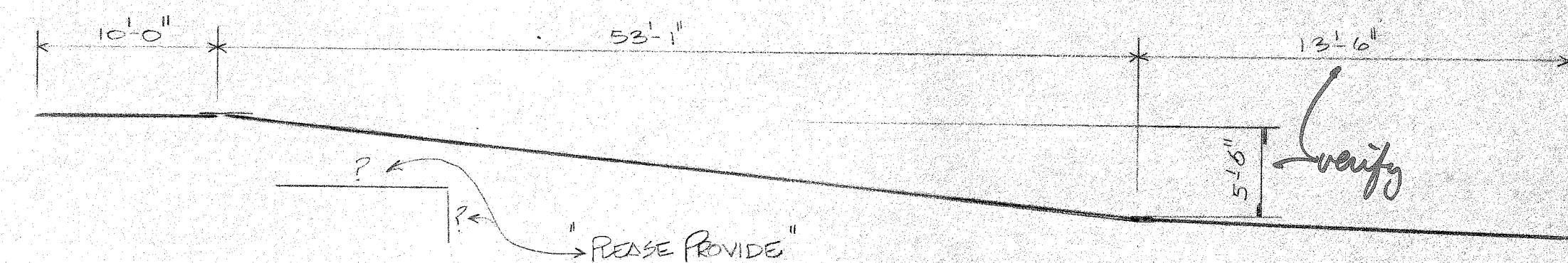
H. H. ROBERTSON CO.
CONTRACT/SUPPLY
ATLANTA, GA.

W.O. 40038 Sheet 4 Of 8

REFERENCE ONLY



"CANOPY LAYOUT"
SCALE: NTS



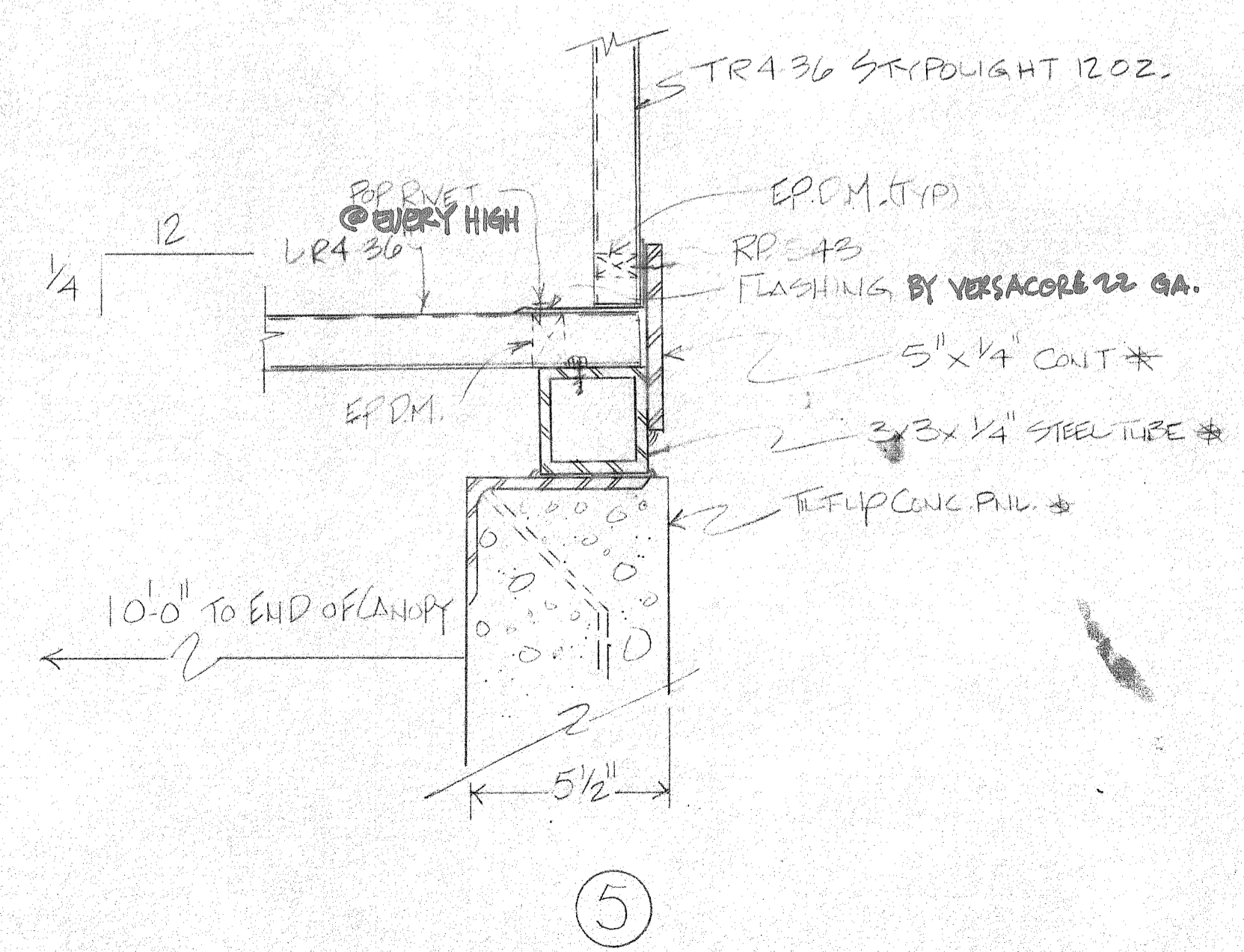
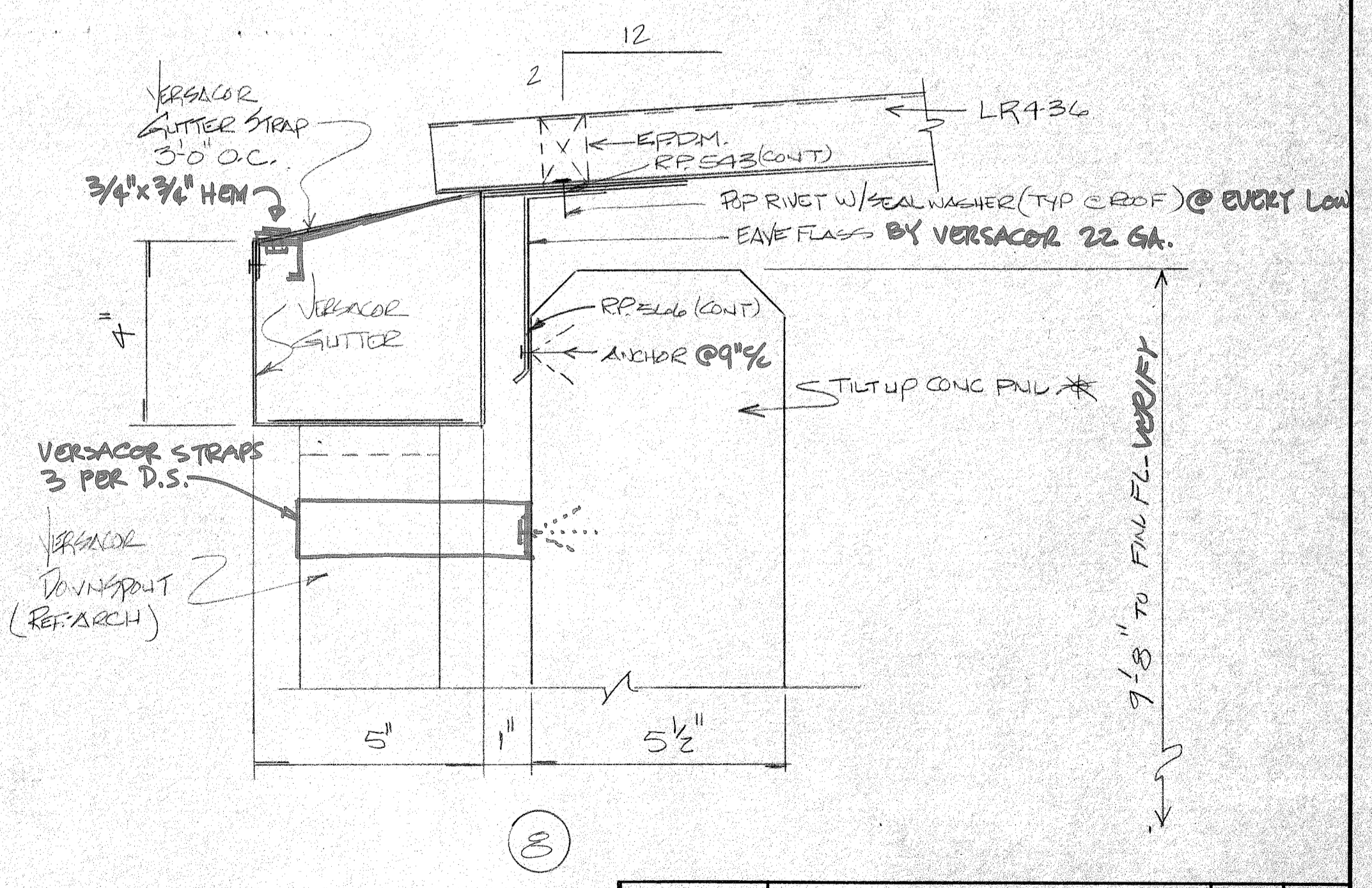
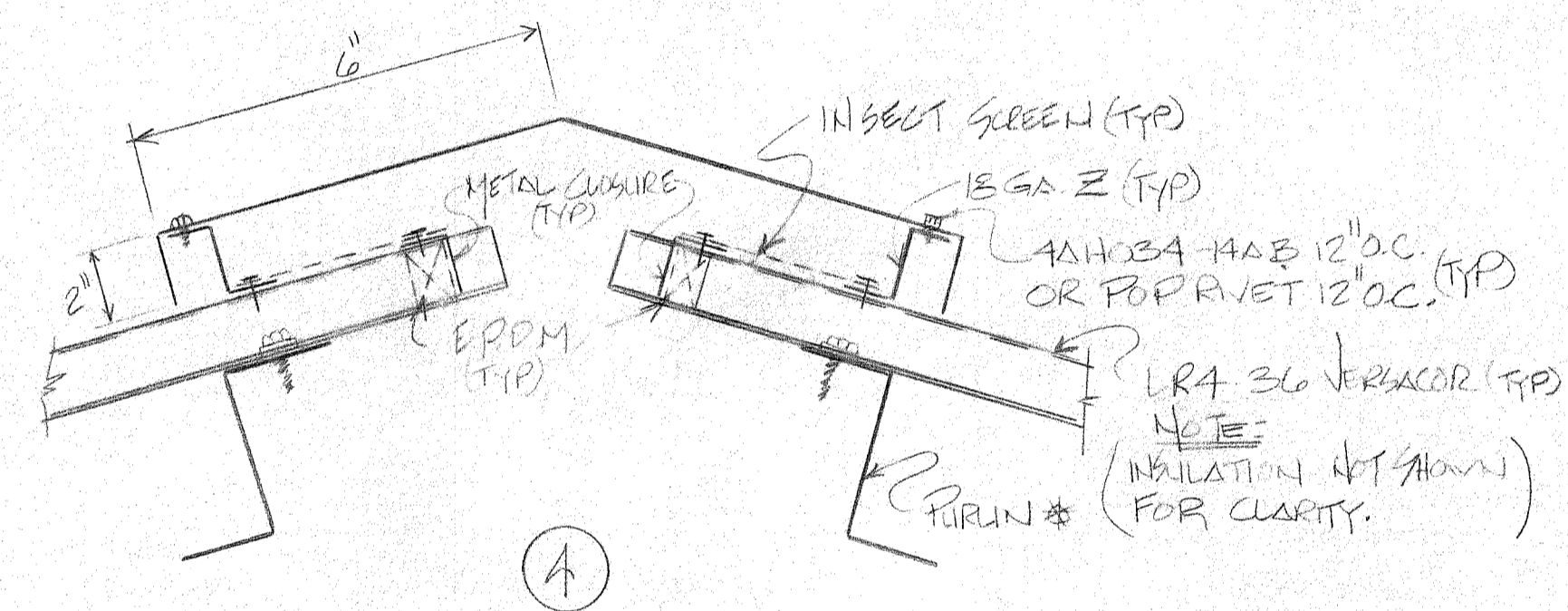
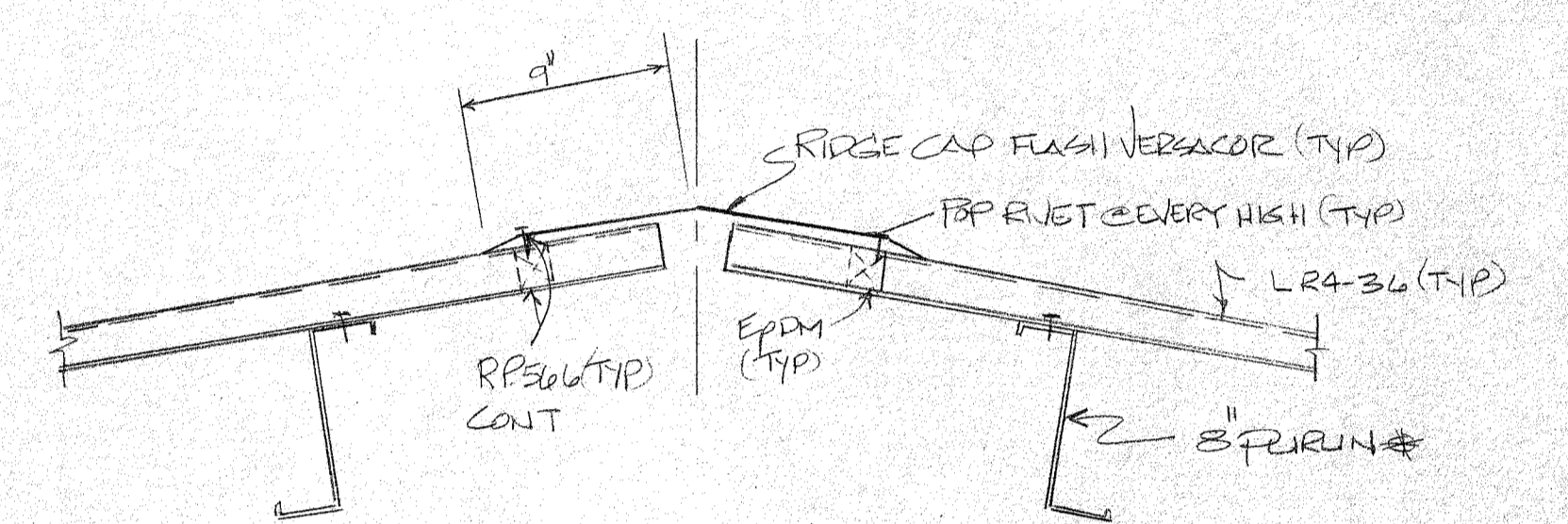
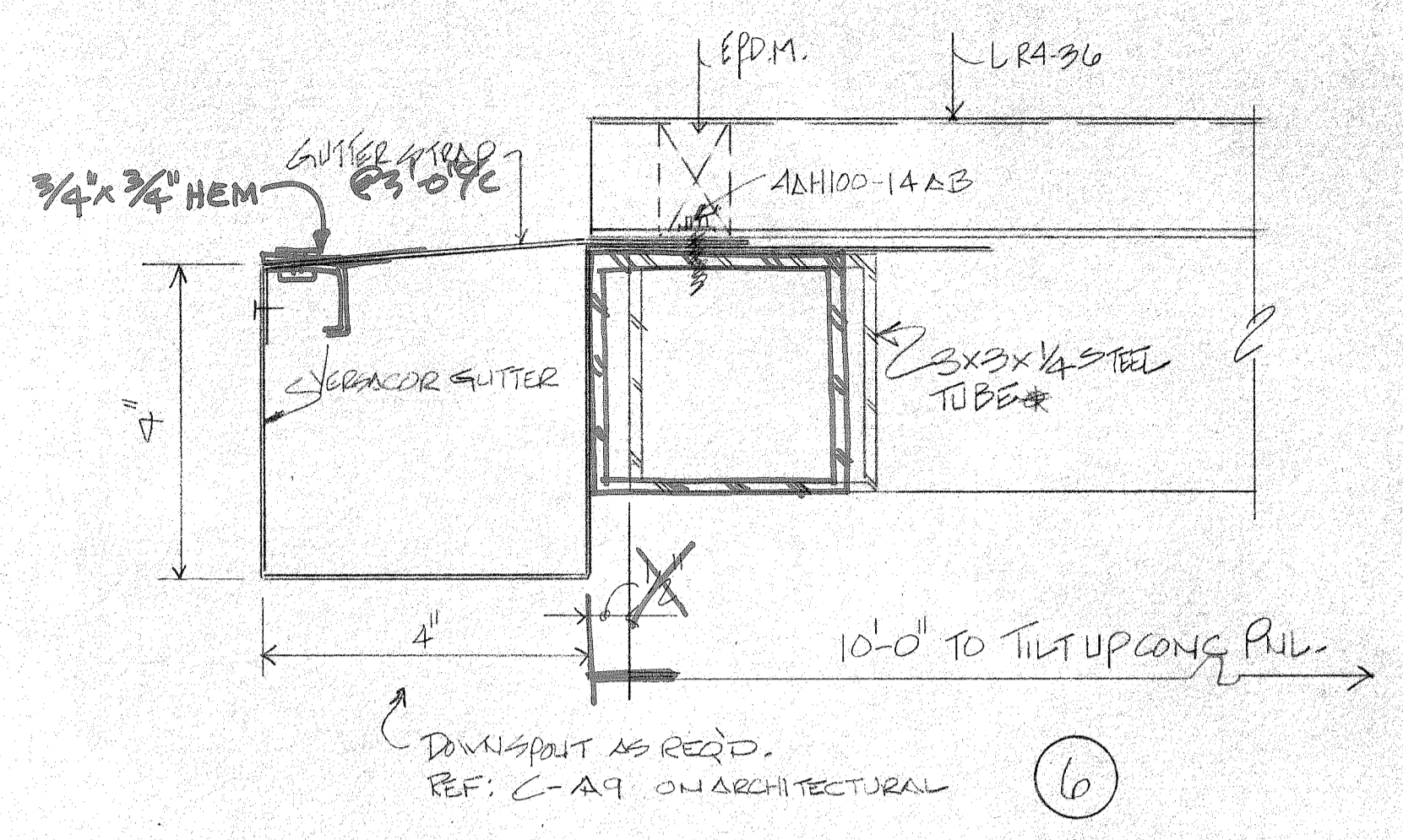
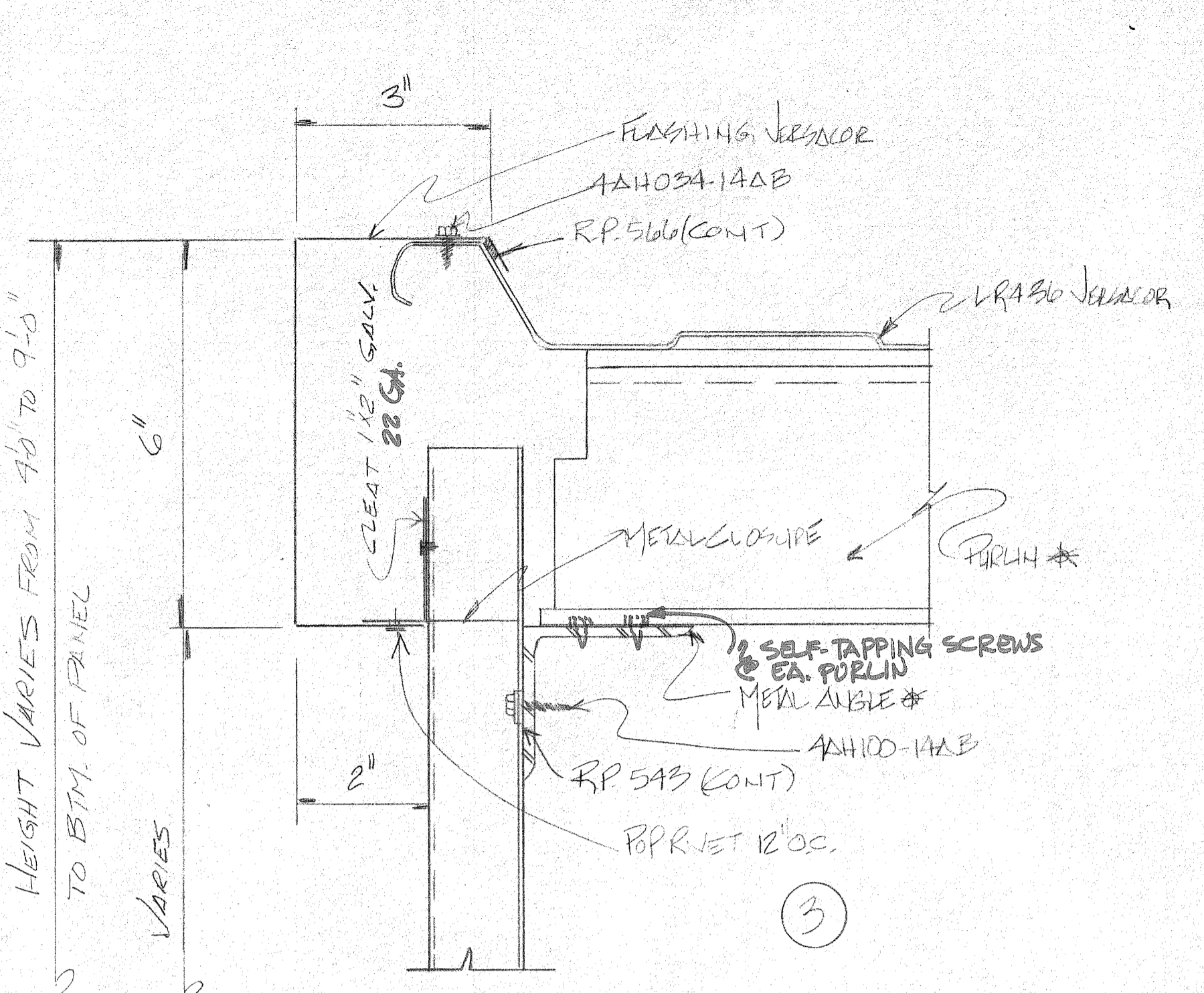
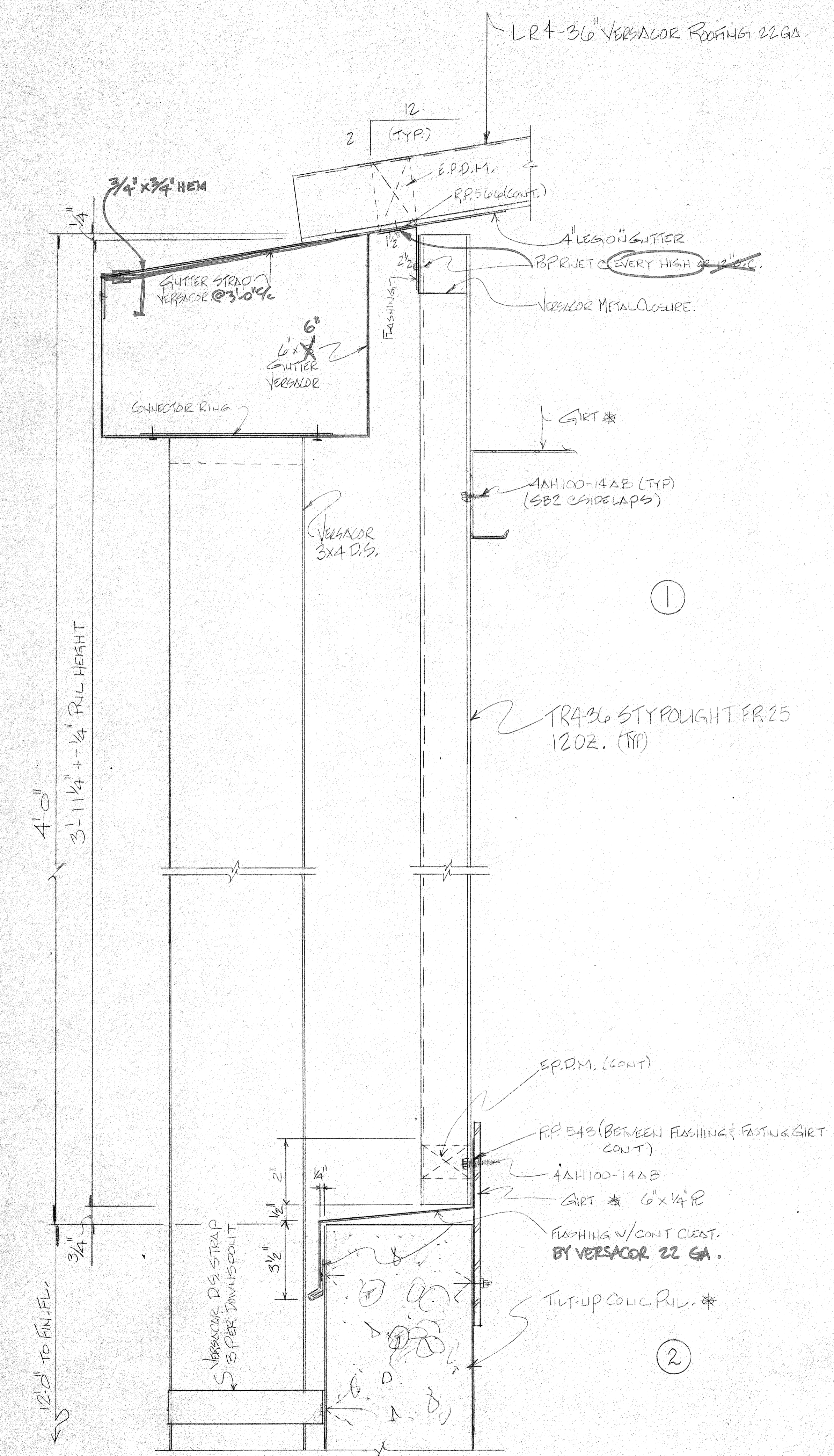
DAVID VOLKERT & ASSOCIATES

<input checked="" type="checkbox"/> Approved As Submitted	By: <i>[Signature]</i>
<input type="checkbox"/> Approved Except As Noted	Date: <i>[Signature]</i>
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

FOR APPROVAL		1/27/82	PDG
Issue	Revised	Date	By
Robertson H. H. ROBERTSON CO. CONTRACT/SUPPLY ATLANTA, GA.			
Architect	VOLKERT & ASSOC.		
Contractor	A. D. WARDS CONST. CO.		
Owner	CITY OF MOBILE		
Building	MCDUFFIE TERMINALS		
Location	MOBILE, ALA.		
Date	W.O. 40038		Sheet 6 Of 8

REFERENCE ONLY

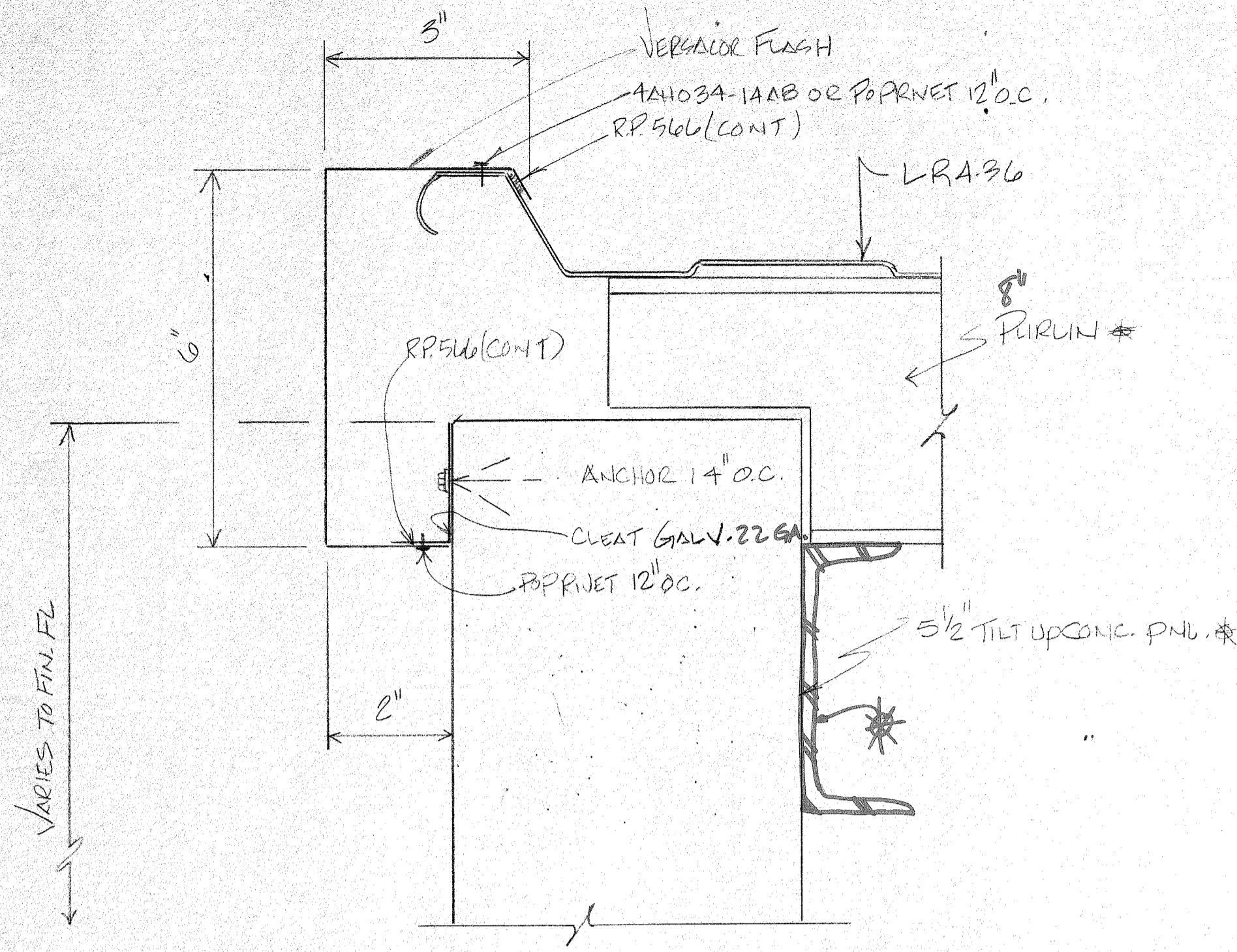


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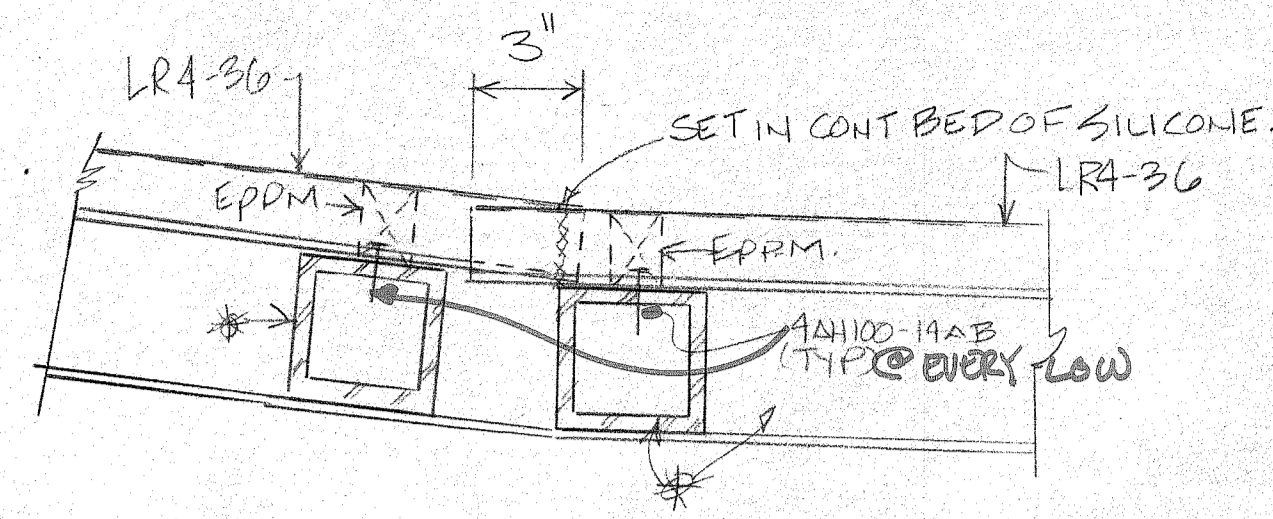
DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>[Signature]</i>
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

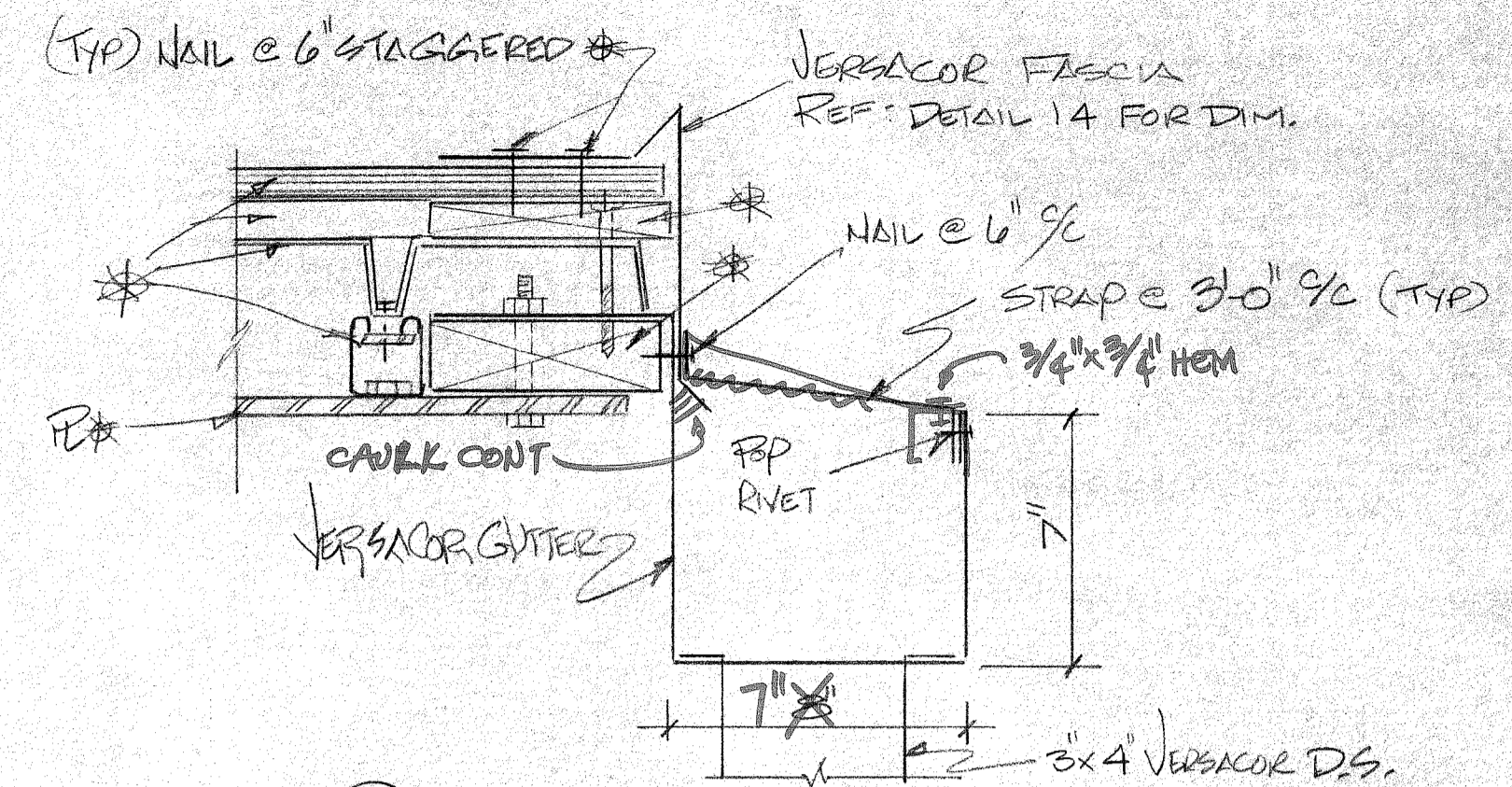
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Issue	Revised	Date	By
Robertson		H. H. ROBERTSON CO. CONTRACT/SUPPLY ATLANTA, GA.	
Architect	VOLKERT & ASSOC.		
Contractor	AD. WARD & CONST. CO.		
Owner	CITY OF MOBILE		
Building	MC DUFFIE TERMINALS		
Location	MOBILE ALA.		
Date	W.O. 40038	Sheet	7 Of 8



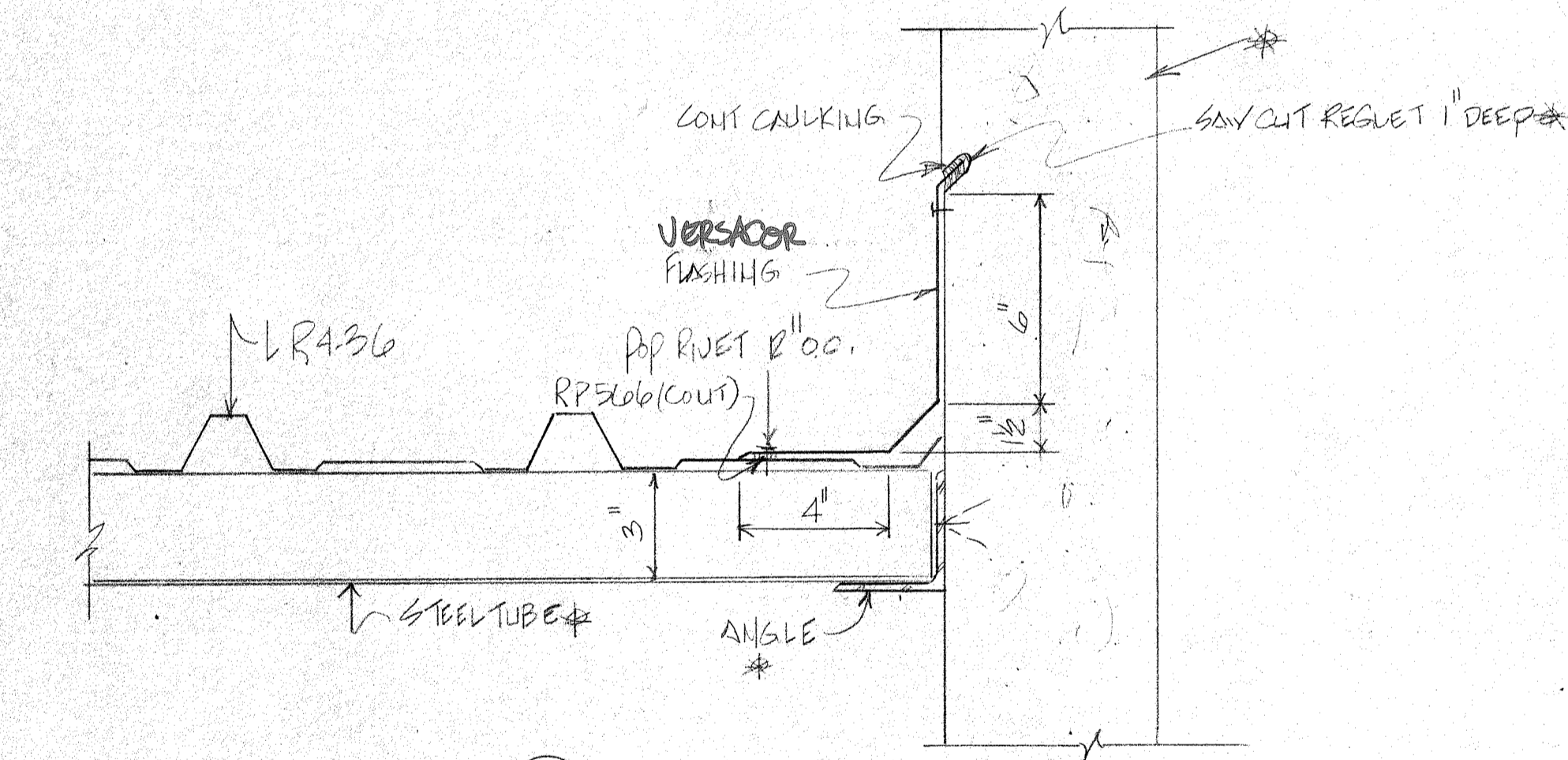
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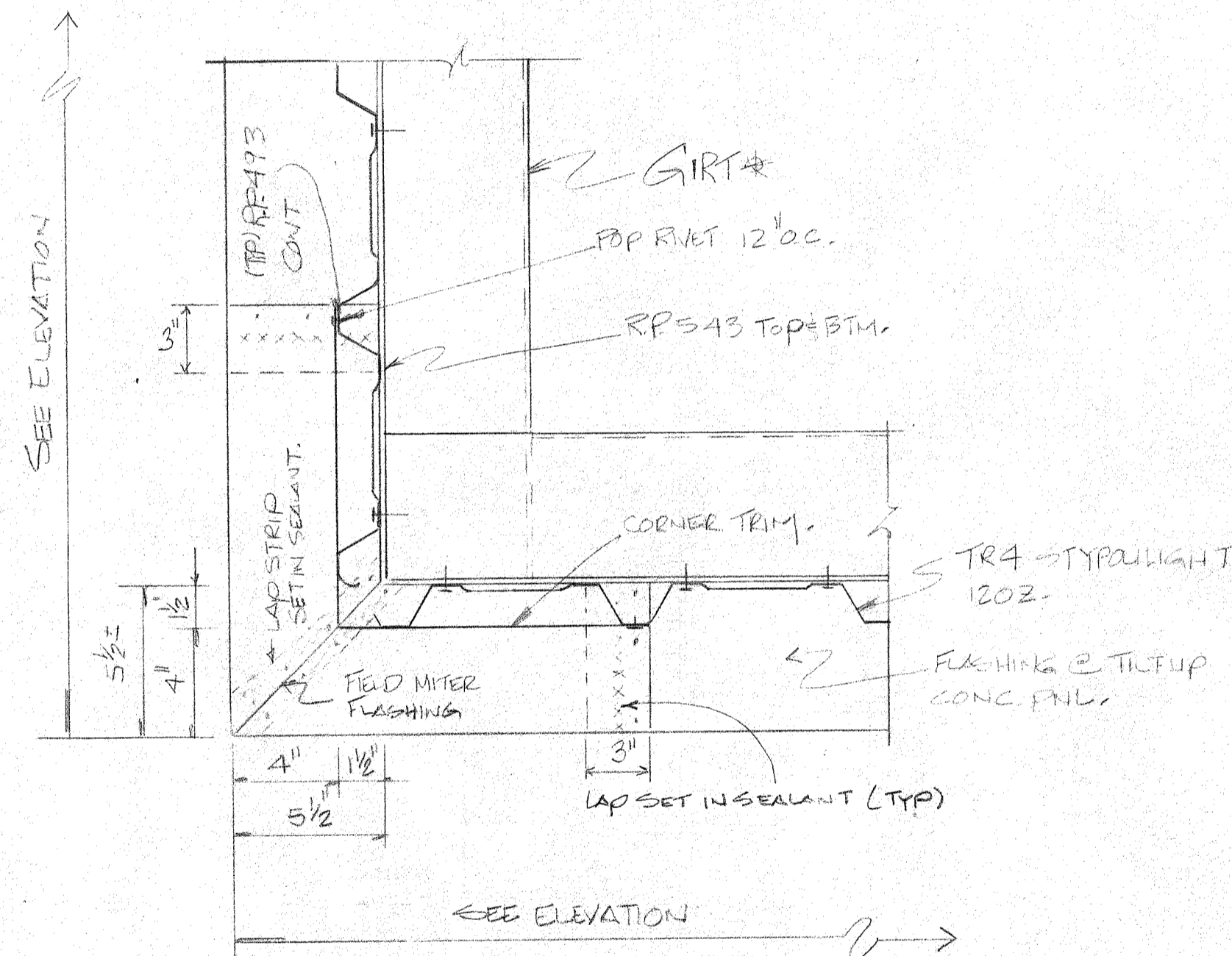
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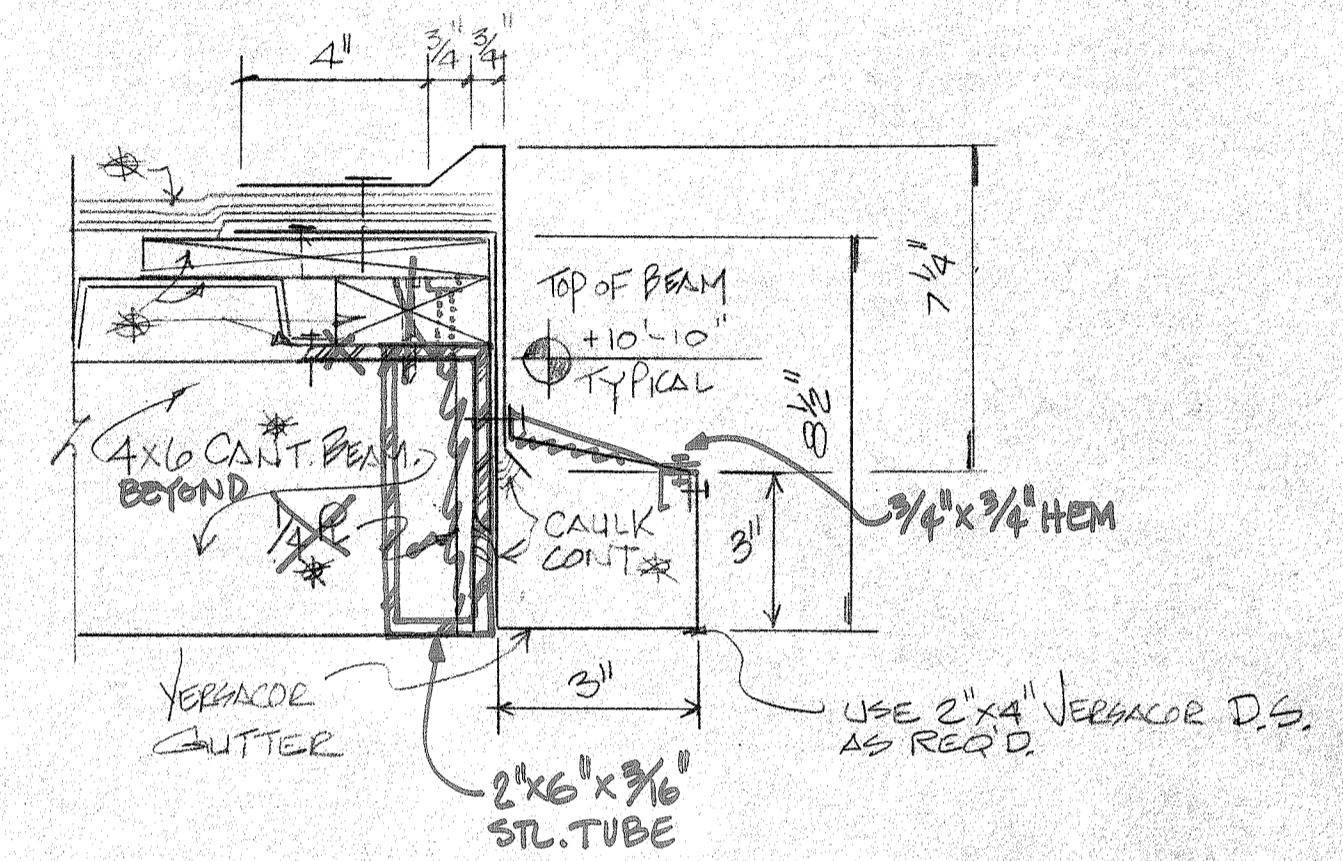
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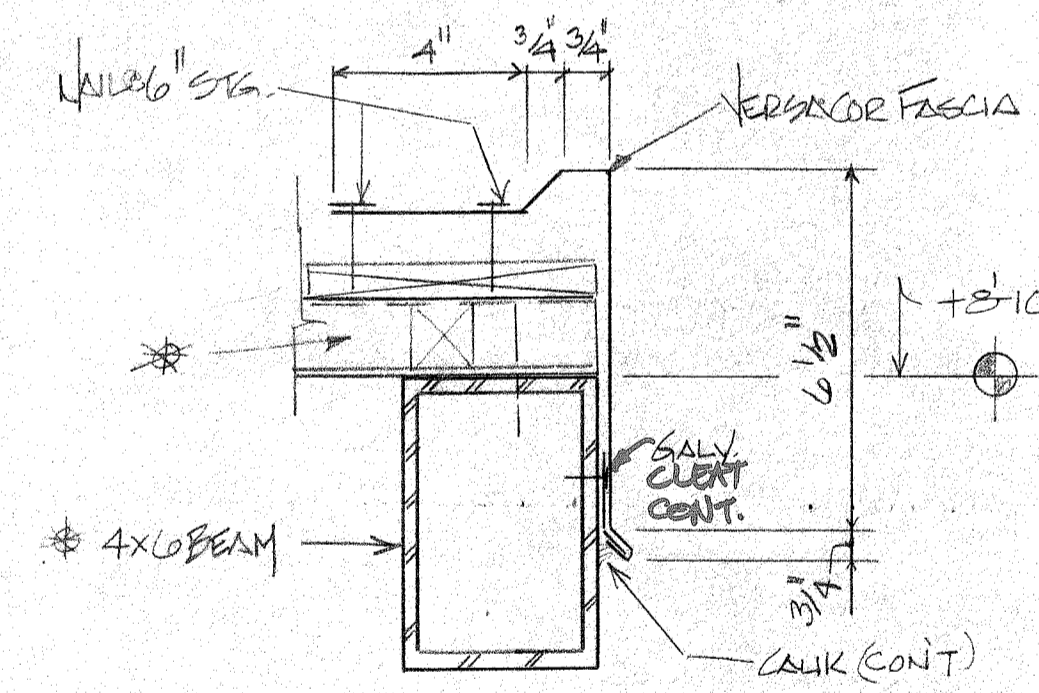
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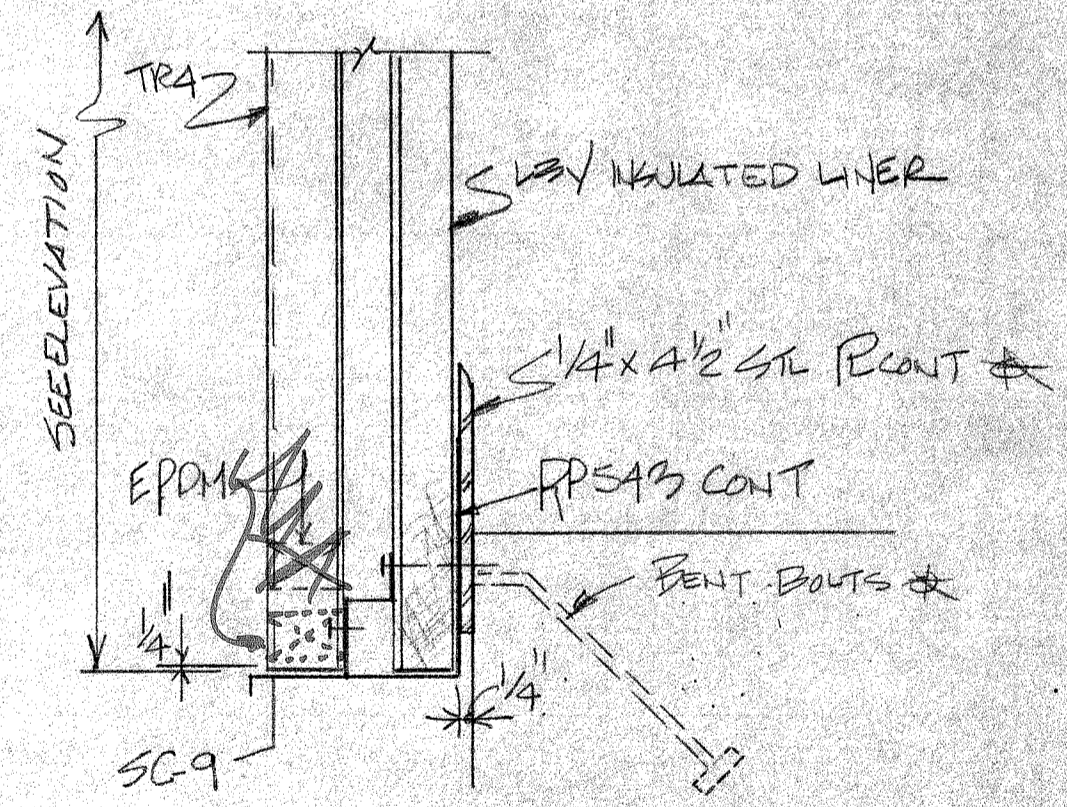
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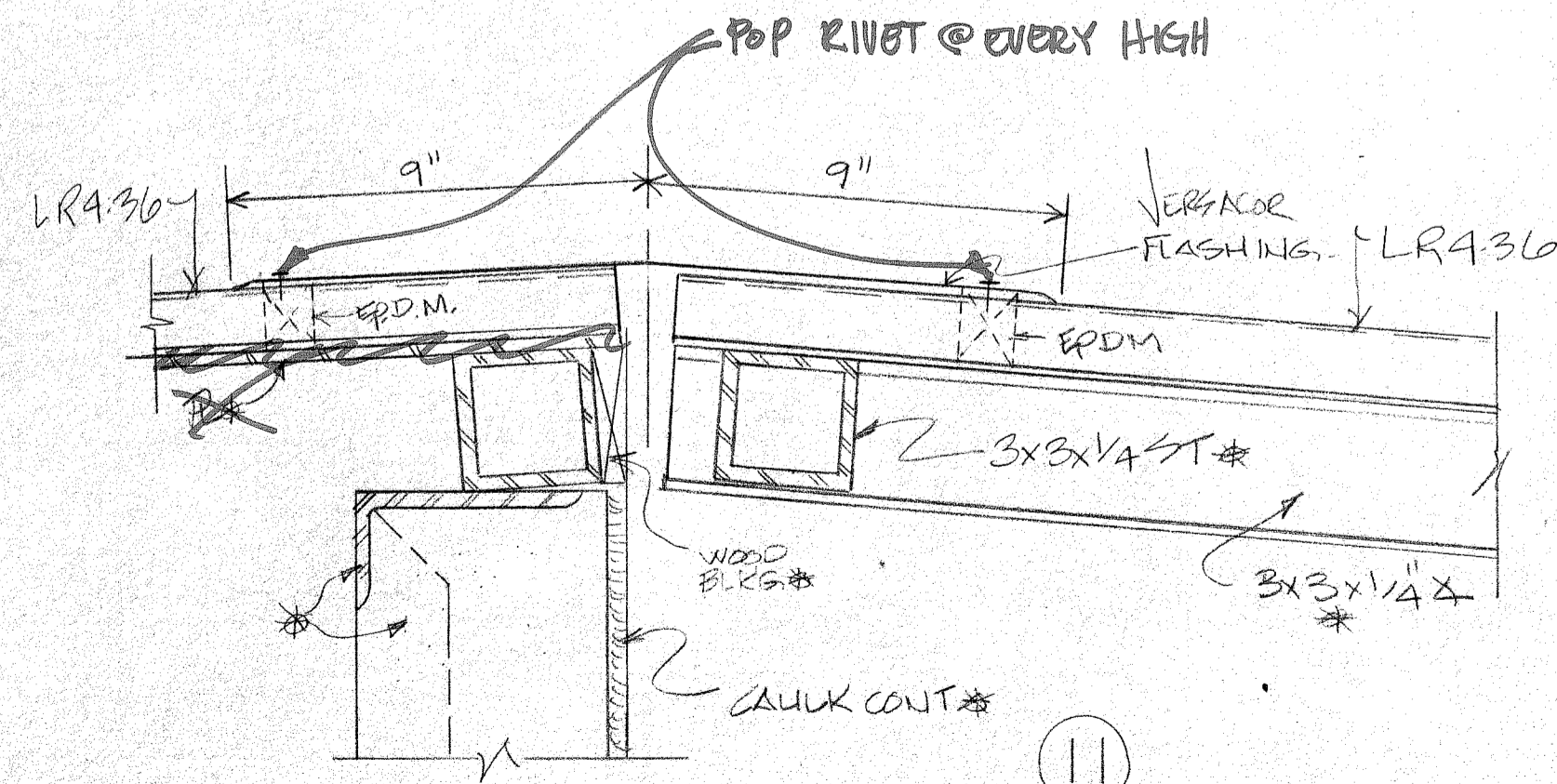
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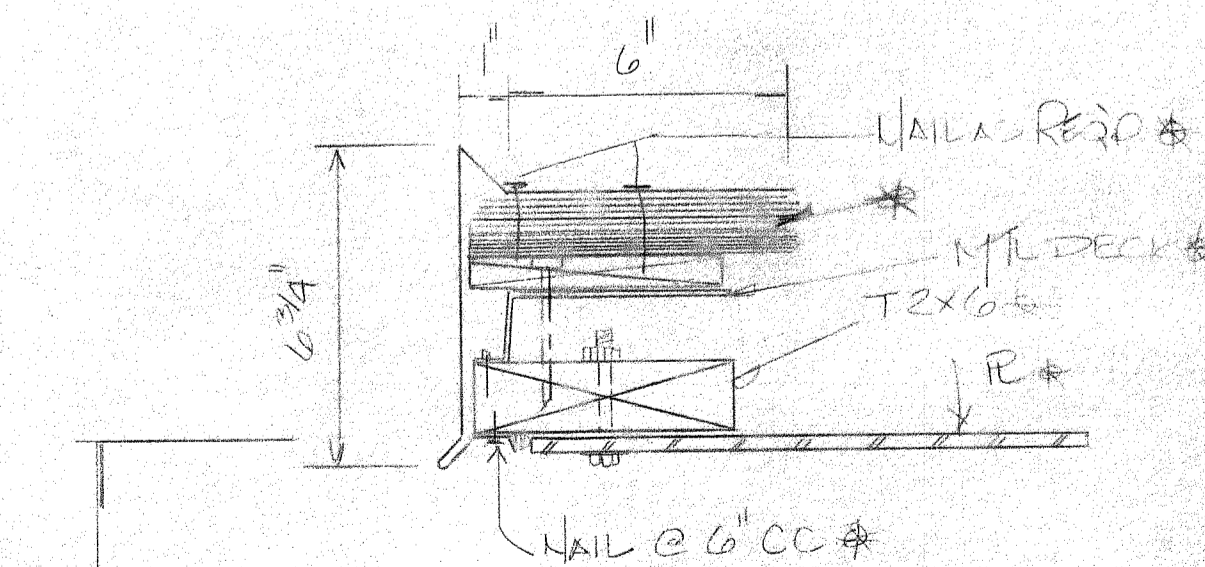
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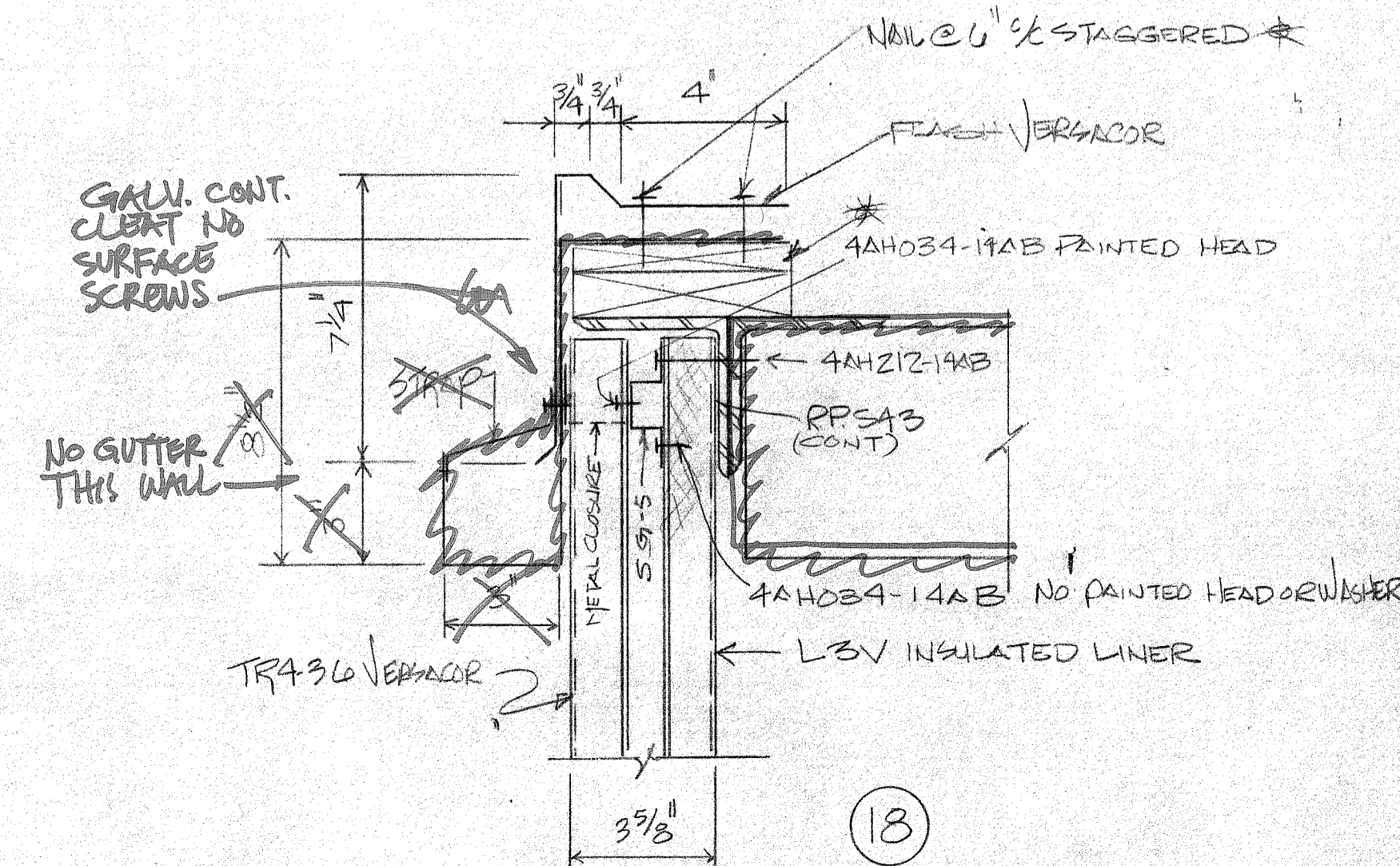
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11



14



18

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: 2/10/20
Revise and Resubmit	
Disapproved	

FOR APPROVAL		Date	By
Issue	Revised		

Robertson		H. H. ROBERTSON CO. CONTRACT/SUPPLY ATLANTA, GA.	
Architect	VOLKERT & ASSOC.		
Contractor	AD WARD'S CONST CO.		
Owner	CITY OF MOBILE		
Building	MADUFFIE TERMINALS		
Location	MOBILE, ALA		
Date	W.O. 40038	Sheet	8 Of 8

REFERENCE ONLY

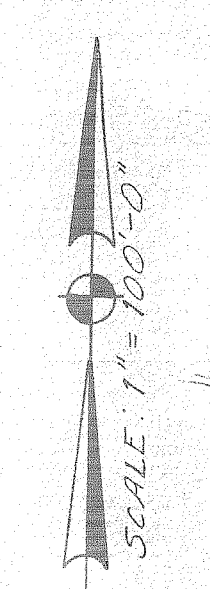
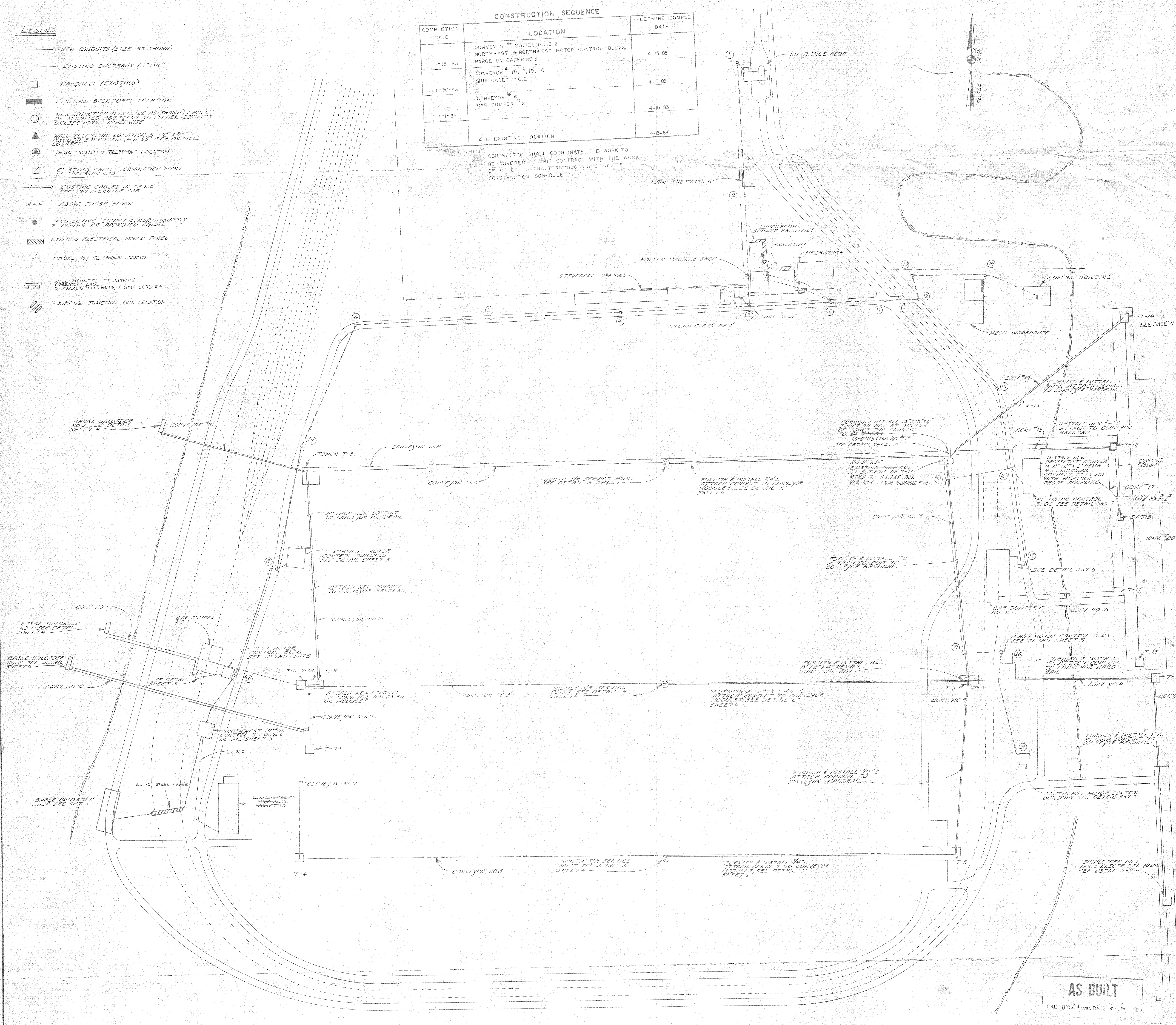
CONSTRUCTION SEQUENCE

COMPLETION DATE	LOCATION	TELEPHONE COMPLETE DATE
1-15-83	CONVEYOR #12A, 12B, 14, 18, 21 NORTHEAST & NORTHWEST MOTOR CONTROL BLDGS. BARGE UNLOADER NO 3	4-15-83
1-30-83	CONVEYOR #15, 17, 19, 20 SHIPLOADER NO 2	4-15-83
4-1-83	CONVEYOR #16 CAR DUMPER #2	4-15-83
	ALL EXISTING LOCATION	4-5-83

NOTE: CONTRACTOR SHALL COORDINATE THE WORK TO BE COVERED IN THIS CONTRACT WITH THE WORK OF OTHER CONTRACTORS ACCORDING TO THE CONSTRUCTION SCHEDULE.

LEGEND

- NEW CONDUITS (SIZE AS SHOWN)
- - - EXISTING DUCTBANK (3" I.D.)
- HANDHOLE (EXISTING)
- EXISTING BACKBORED LOCATION
- NEW JUNCTION BOX (SIZE AS SHOWN) SHALL BE MOUNTED ADJACENT TO FEEDER CONDUITS UNLESS NOTED OTHERWISE
- ▲ WALL TELEPHONE LOCATION, 8" x 10" x 3/4" UNLESS BACKBORED, MIN. 2 1/2" OFF OF FIELD LOCATED
- ⊙ DESK MOUNTED TELEPHONE LOCATION
- ⊠ EXISTING CABLE TERMINATION POINT UNLESS NOTED
- - - EXISTING CABLES IN CABLE REEL TO OPERATOR CAB
- AFF ABOVE FINISH FLOOR
- PROTECTIVE COUPLER NORTH SUPPLY SYSTEMS CAB OR APPROVED EQUAL
- ▨ EXISTING ELECTRICAL POWER PANEL
- △ FUTURE PAY TELEPHONE LOCATION
- ⌒ WALL MOUNTED TELEPHONE 5" STACKER/RECLAIMERS, 2 SHIP LOADERS
- ⊙ EXISTING JUNCTION BOX LOCATION



NOTE: 1. ALL WALL JUNCTION BOXES ARE NOT SHOWN ON THIS DRAWING SEE SECTION V-10 OF SPECIFICATIONS

AS BUILT
OKD BY: [Signature]

THE INDUSTRIAL DEVELOPE BOARD OF THE CITY OF MOBIL ALABAMA (ALABAMA STAT DOCKS DEPARTMENT PROJECT

TELEPHONE RACEWAY SYSTEM SITE PLAN

DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED T.F.	DETAILED R.A.E.	TRACED R.A.E.
CHECKED C.N.R.	CHECKED	CHECKED
DATE 1-6-83		

REVISIONS

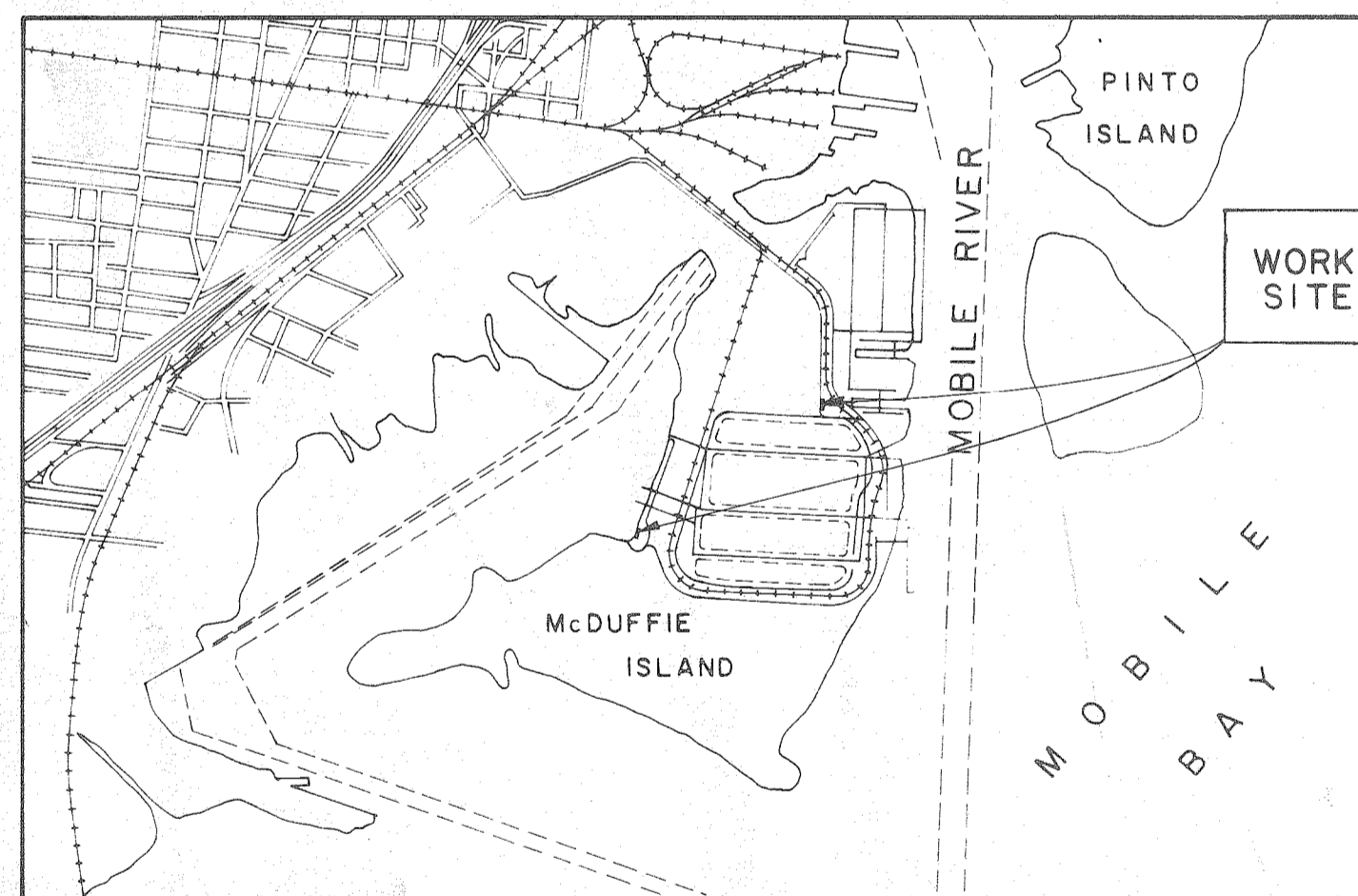
McDUFFIE TERMINALS PLANT EXPANSION

SHOWER/LUNCHROOM FACILITY BARGE UNLOADER SHOP

SPEC. No. 473

ISSUED BY

THE INDUSTRIAL DEVELOPMENT
BOARD OF THE
CITY OF MOBILE, ALABAMA
(ALABAMA STATE DOCKS
DEPARTMENT PROJECT)



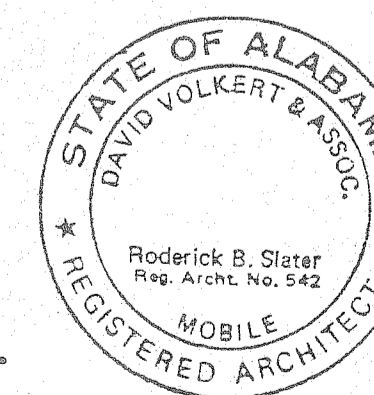
VICINITY MAP

INDEX

DWG. NO.	SHEET REF. NO.	SHEET TITLE
1	C-1	SHOWER & LUNCHROOM FACILITY SITE PLAN
2	C-2	SURVEY CONTROL PLAN
3	S-1	SHOWER & LUNCHROOM FACILITY FOUNDATION PLAN
4	S-2	SHOWER & LUNCHROOM FACILITY TILT PANEL ELEVATIONS
5	A-1	SHOWER & LUNCHROOM FACILITY FLOOR PLAN
6	A-2	SHOWER & LUNCHROOM FACILITY ROOM FINISH AND DOOR SCHEDULES
7	A-3	SHOWER & LUNCHROOM FACILITY EXTERIOR ELEVATIONS
8	A-4	SHOWER & LUNCHROOM FACILITY BUILDING SECTION AND DETAILS
9	A-5	SHOWER & LUNCHROOM FACILITY END WALL SECTIONS
10	A-6	SHOWER & LUNCHROOM FACILITY CASEWORK AND INTERIOR TOILET ELEVATIONS
11	A-7	SHOWER & LUNCHROOM FACILITY CANOPY PLAN
12	P-1	SHOWER & LUNCHROOM FACILITY PLUMBING PLAN
13	P-2	SHOWER & LUNCHROOM FACILITY PLUMBING RISER DIAGRAMS
14	M-1	SHOWER & LUNCHROOM FACILITY PLAN-AIR DISTRIBUTION
15	E-1	SHOWER & LUNCHROOM FACILITY LIGHTING PLAN
16	E-2	SHOWER & LUNCHROOM FACILITY POWER PLAN
17	E-3	SHOWER & LUNCHROOM FACILITY CANOPY LIGHTING PLAN
18	E-4	SHOWER & LUNCHROOM FACILITY SCHEDULES AND LEGEND
19	C-3	BARGE UNLOADER SHOP SITE DRAWINGS
20	C-4	BARGE UNLOADER SHOP WATER, SEWER AND ELECTRICAL UTILITIES PLAN
21	S-3	BARGE UNLOADER SHOP FOUNDATION PLAN AND DETAILS
22	A-8	BARGE UNLOADER SHOP FLOOR PLAN
23	A-9	BARGE UNLOADER SHOP ROOM FINISH AND DOOR SCHEDULES AND DETAILS
24	A-10	BARGE UNLOADER SHOP EXTERIOR ELEVATIONS AND TILT-UP PANEL ELEVATIONS
25	A-11	BARGE UNLOADER SHOP CROSS SECTION AND DETAILS
26	A-12	BARGE UNLOADER SHOP SECTIONS AND DETAILS
27	P-3	BARGE UNLOADER SHOP PLUMBING AND SEWER PLAN
28	P-4	BARGE UNLOADER SHOP PLUMBING RISER DIAGRAMS
29	M-2	BARGE UNLOADER SHOP PLAN-AIR DISTRIBUTION
30	E-5	BARGE UNLOADER SHOP LIGHTING PLAN
31	E-6	BARGE UNLOADER SHOP POWER PLAN
32	E-7	BARGE UNLOADER SHOP SCHEDULES AND LEGEND

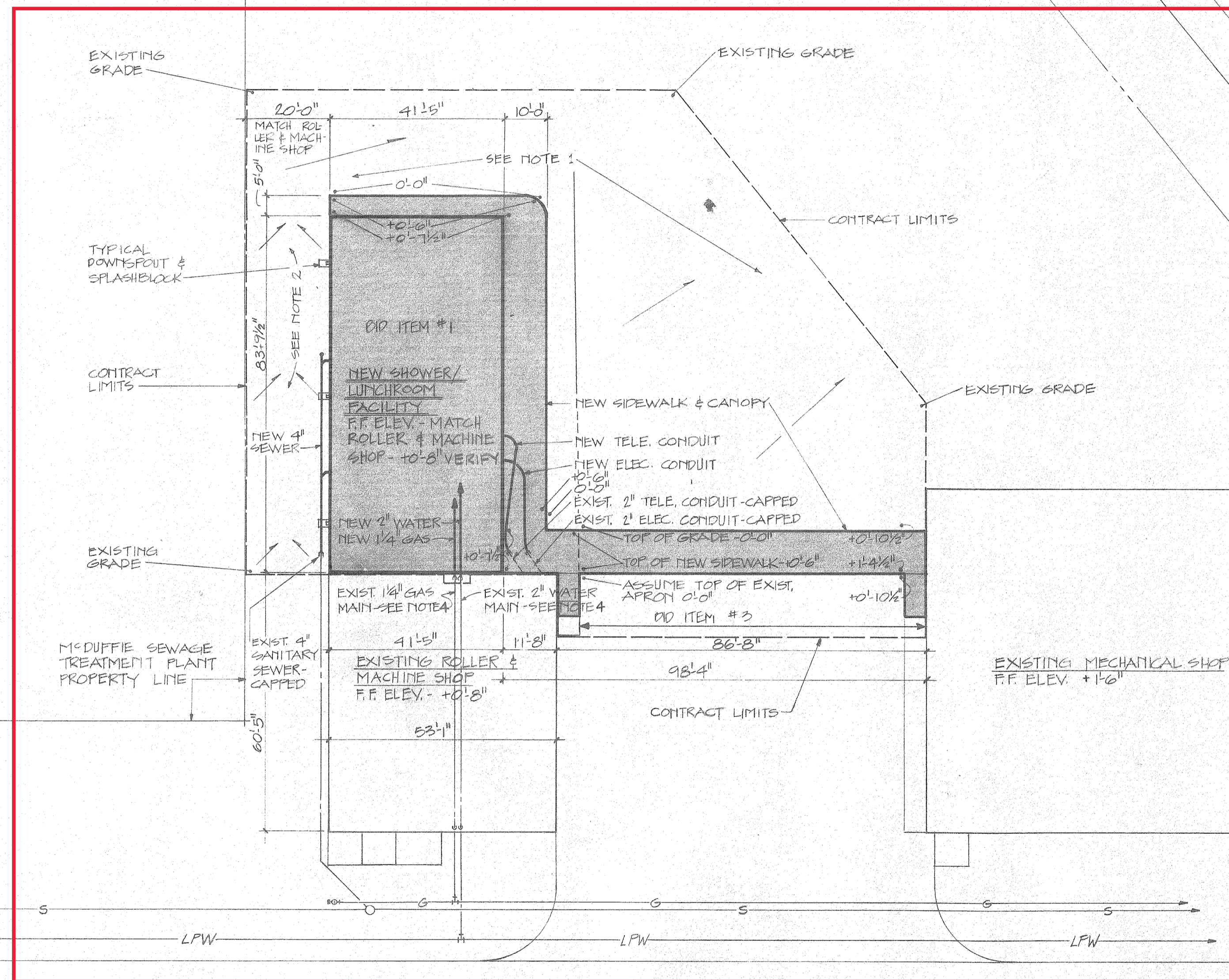
PREPARED AND RECOMMENDED BY
DAVID VOLKERT & ASSOC.
ARCHITECTS/ENGINEERS

APPROVED _____ DATE _____



REFERENCE ONLY

EXISTING SHOWER/LUNCHROOM FACILITY TO BE DEMOLISHED

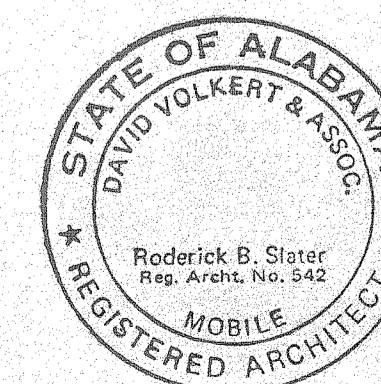


SITE PLAN - SHOWER/LUNCHROOM FACILITY

1"=20'-0"

NOTES:

1. SLOPE THIS AREA AWAY FROM BLDG OUT TO CONTRACT LIMITS (EXISTING GRADE).
2. FORM SWALE @ CENTER OF EASEMENT TO EMPTY ONTO ASPHALT.
3. CONTRACTOR SHALL RECEIVE SITE W/PILES IN PLACE, TOPS @ 0'-9", TOP OF GRADE @ 0'-0".
4. EXISTING GAS & WATER LINES ARE TURNED DOWN & CAPPED @ 9'-4" A.F.F. INSIDE ROLLER & MACHINE SHOP. BREAK THRU WALL BETWEEN BLDGS, MAKE CONNECTIONS, SEAL HOLES W/MORTAR.
5. FOR CONSTRUCTION PURPOSES - SHOWER/LUNCHROOM FACILITY 0'-0" ELEV. SHALL BE EQUAL TO 16'-0" ABOVE MEAN LOW WATER. SEE GEOMETRIC CONTROL SHEET.
6. LEAVE SITE IN CLEAN CONDITION, CLEAN ALL CONCRETE STAINED WITH SOIL, ETC, DURING CONSTRUCTION.



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM - SITE PLAN

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED JRM	DETAILED JRM	TRACED JRM
CHECKED CCH	CHECKED CCH	CHECKED CCH
DATE 4/26/82		

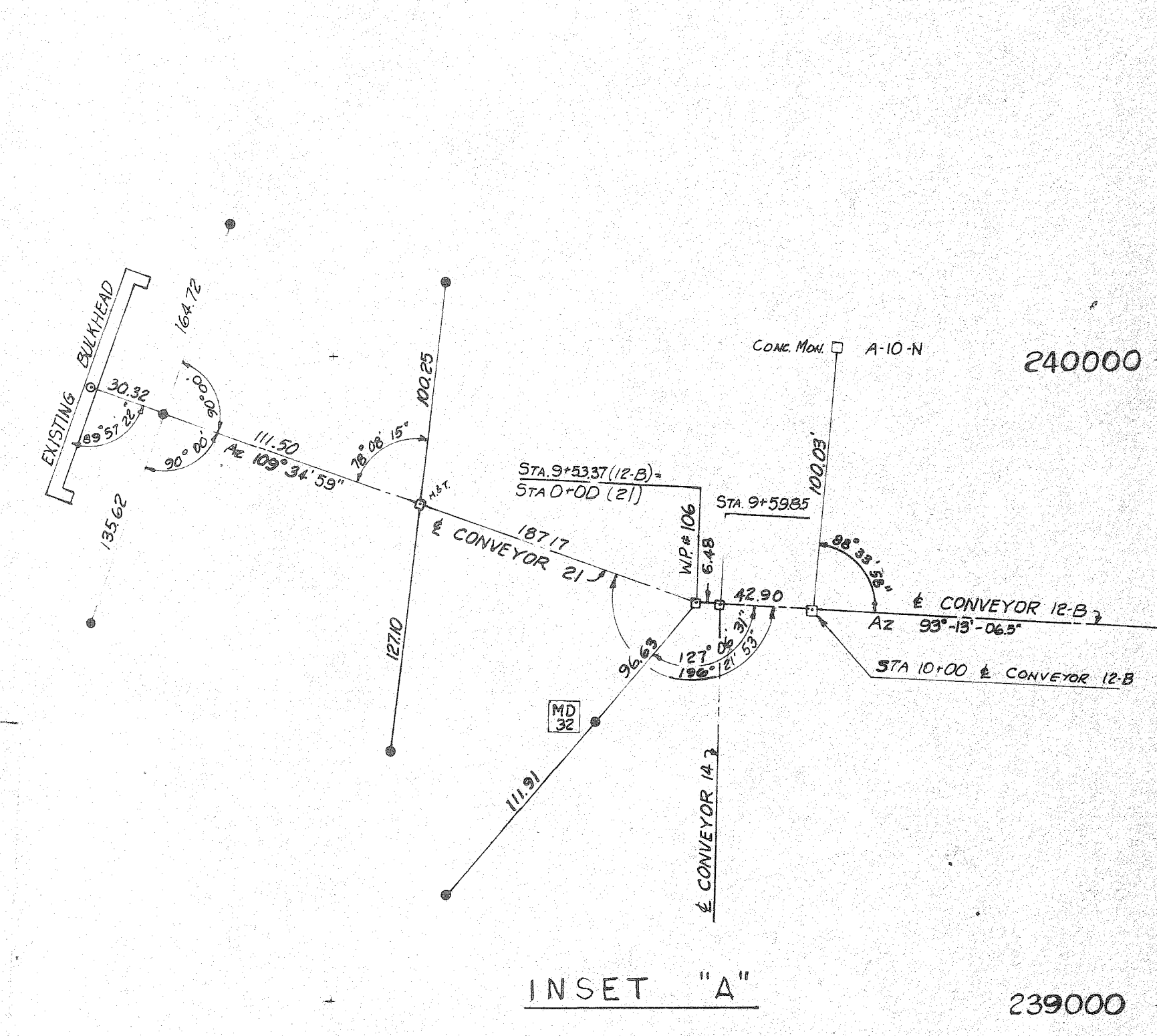
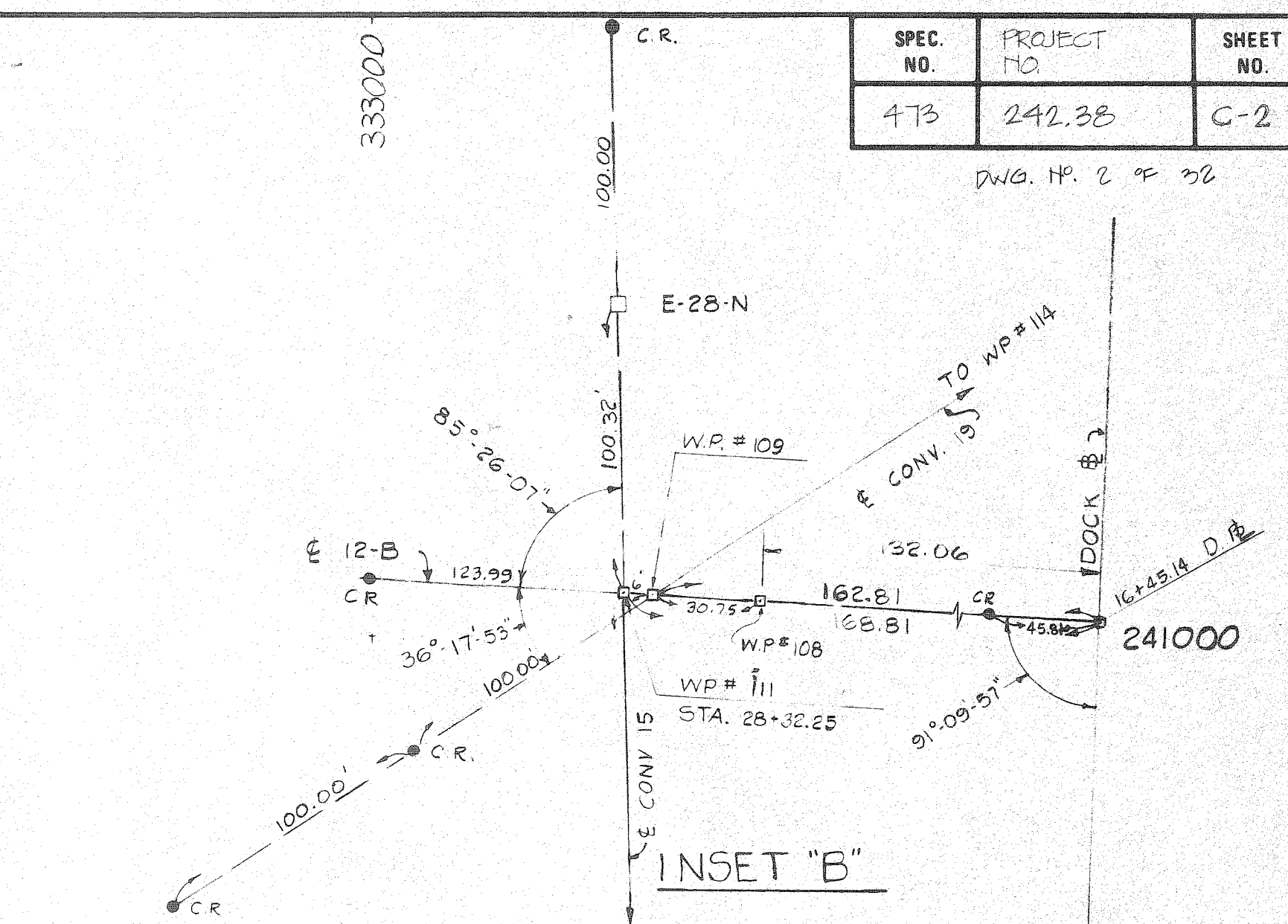
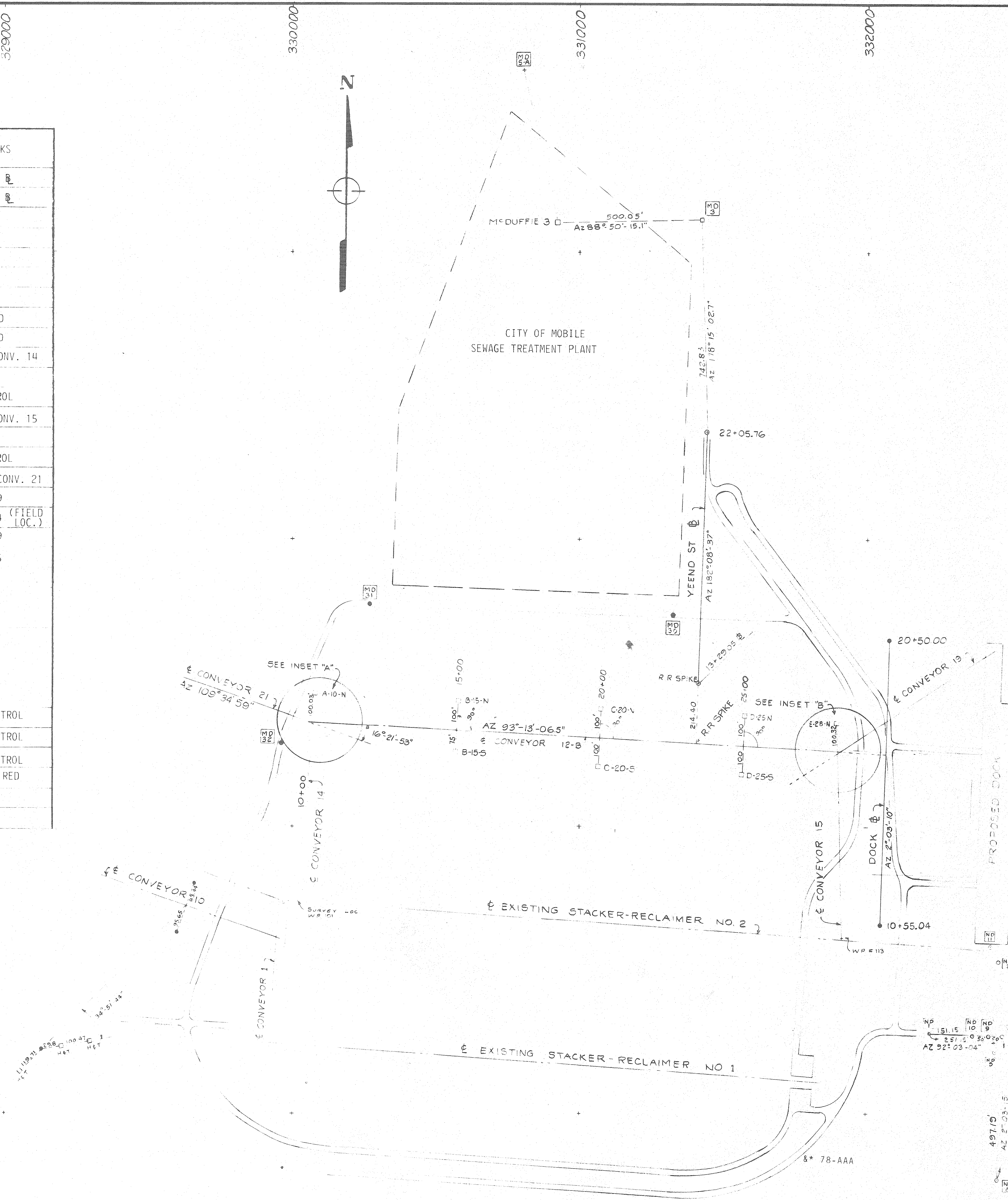
REFERENCE ONLY

REVISIONS	
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SPEC. NO.	PROJECT NO.	SHEET NO.
473	242.33	C-2

DWG. HP. 2 OF 22

POINT NUMBER	TYPE MARKER	COORDINATES		ELEV'S.	REMARKS
		NORTH	EAST		
22+05.76	R.R. SPIKE	240373.72	331447.30		YEEND ST.
13+29.05	R.R. SPIKE	239497.62	331414.50		YEEND ST.
20+50.00	CAPPED ROD	239650.68	332082.98	11.347	DOCK
10+55.04	CAPPED ROD	238656.36	332047.34	14.171	DOCK
MCDUF. 3	CONC. MON.	241106.06	330924.67		
M.D. 3	CONC. MON.	241116.20	331424.62		YEEND ST.
M.D. 32	CAPPED ROD	239287.46	329961.47	16.765	
M.D. 31	CAPPED ROD	239771.55	330269.25	15.486	PAVED ROAD
M.D. 30	CAPPED ROD	239737.00	331328.37	15.728	PAVED ROAD
9 + 59.85		239360.75	330030.49		12-B & CONV. 14
A 10-N	CONC. MON.			6.433	
ND-9	TACK IN LEAD WOOL	238,270.81	332,423.68		DOCK CONTROL
W.P. 111		239255.63	331899.93		12-B & CONV. 15
E-28-N	CONC. MON.			12.649	
ND-10	TACK IN LEAD WOOL	238,272.60	332,373.71		DOCK CONTROL
W.P. 106		239361.11	330024.02		12-B & CONV. 21
W.P. 109		239255.29	331905.92		CONV. 19
W.P. 101		238733.60	330019.43		CONV. 14 (FIELD LOC.)
W.P. 114		239609.58	332449.82		CONV. 19
W.P. 113		238606.12	331915.20		CONV. 15
12-B & CONV. 21		239518.63	329614.63		CONV. 21
B-15-N	CONC. MON.			12.139	
B-15-S	CONC. MON.			12.128	
C-20-N	CONC. MON.			12.637	
C-20-S	CONC. MON.			11.321	
D-25-N	CONC. MON.			15.490	
D-25-S	CONC. MON.			13.651	
ND-1	TACK IN LEAD WOOL	238,278.01	332,222.65		DOCK CONTROL
ND-7	TACK IN LEAD WOOL	238,269.02	332,473.65		DOCK CONTROL
ND-8	TACK IN LEAD WOOL	237,772.16	332,455.82		DOCK CONTROL
BM 21-A	SOUTHWEST COR. BULKHEAD	75' SOUTH	CONV. 21	9.51	PAINTED RED



- LEGEND**
- TACK IN LEAD WOOL
 - CONCRETE MONUMENT
 - CAPPED ROD
 - ⊕ HUB AND TACK
 - + GRID TICKS

THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINALS PLANT EXPANSION
 SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

3-4-82	REV. EL. MD 31	B.B.J.		
2-18-82	BM #21A	B.B.J.		
2-18-82	COORD. W.P. 106	J.O.M.		
3-4-82	REV. INSERTS "A" & "B"	B.B.J.		
1-6-82	EL. MD30 & MD32	B.B.J.		
11-16-81	EL. D-25-N	J.O.M.	DESIGNED	DETAILED B.B.J.
11-4-81	COORD. W.P. NO. 101	B.B.J.	CHECKED	CHECKED

REVISIONS

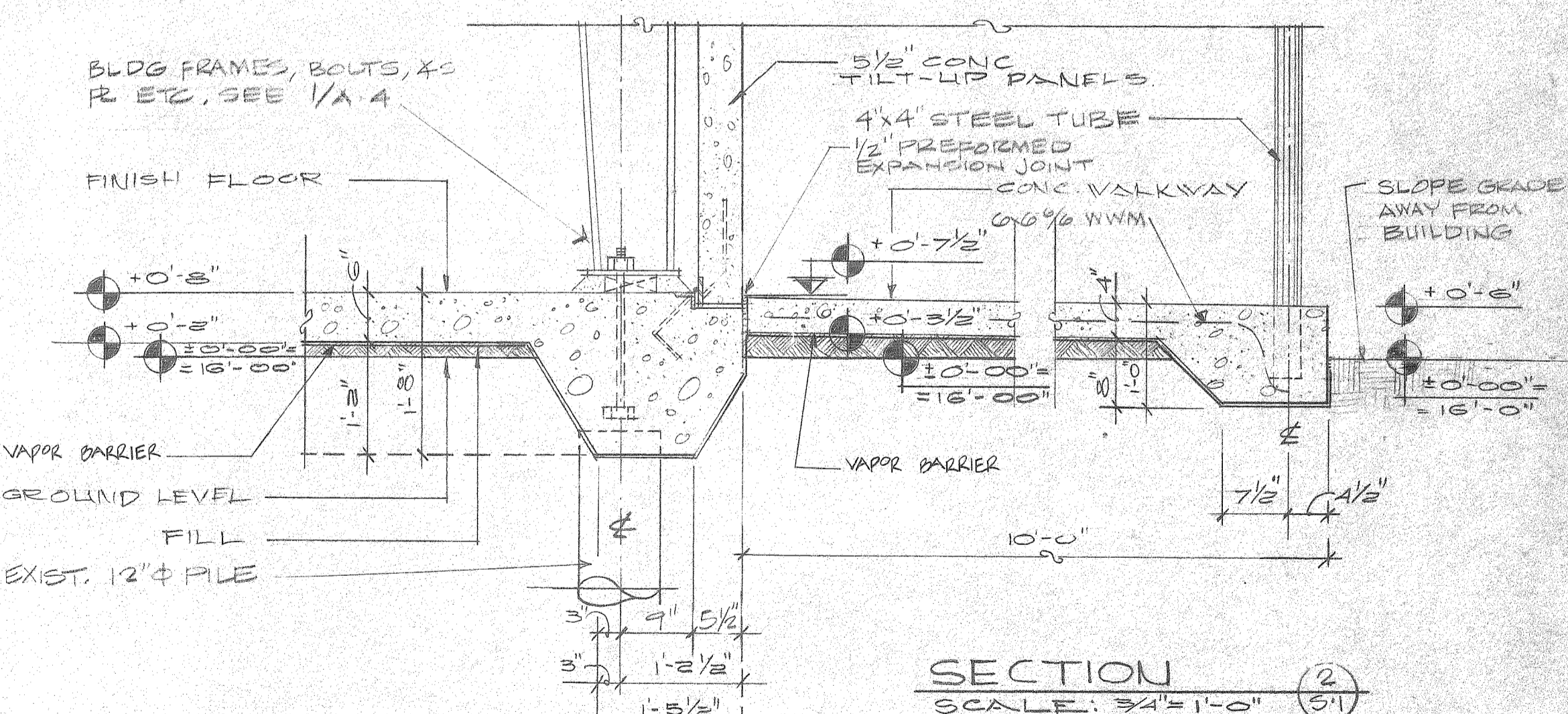
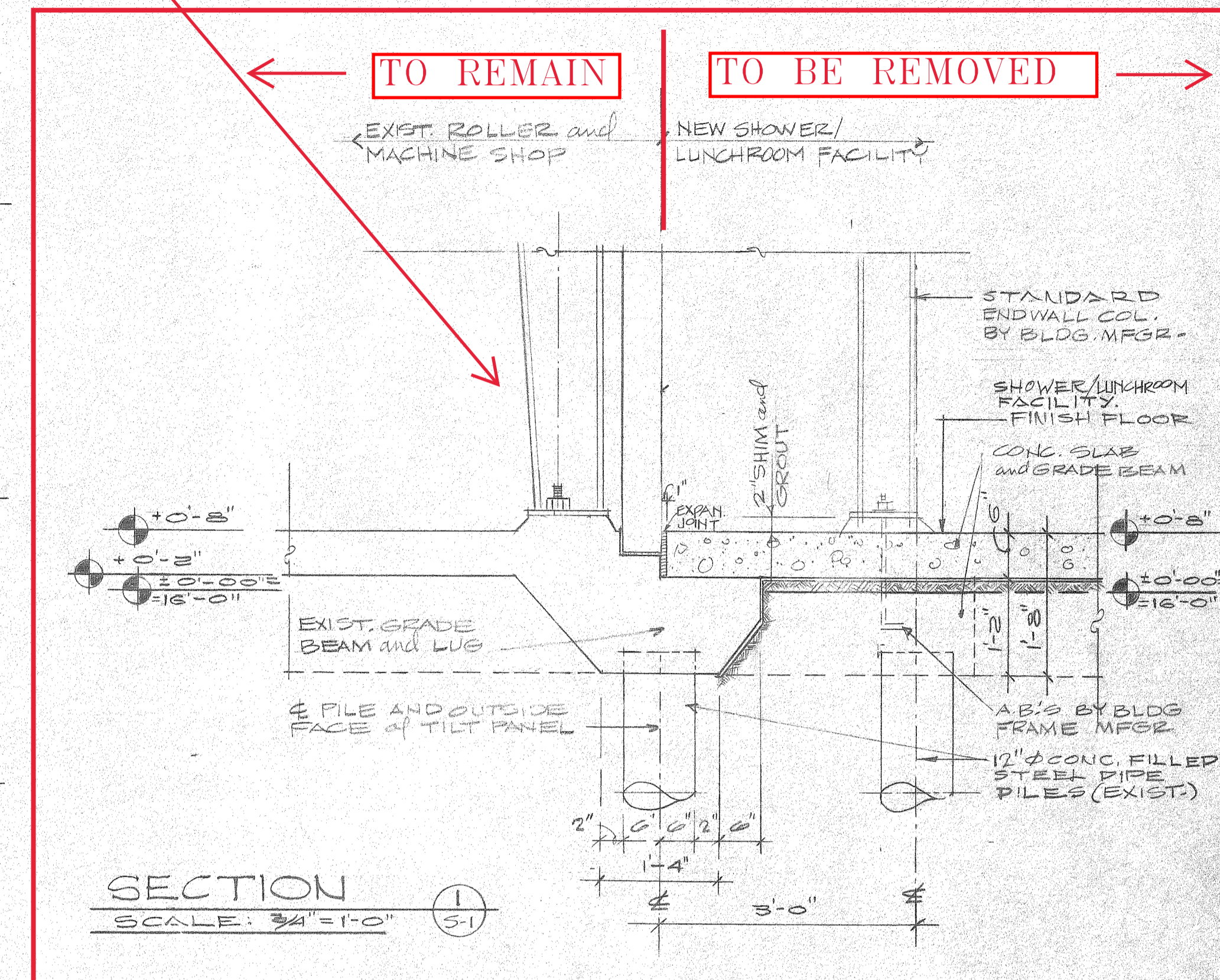
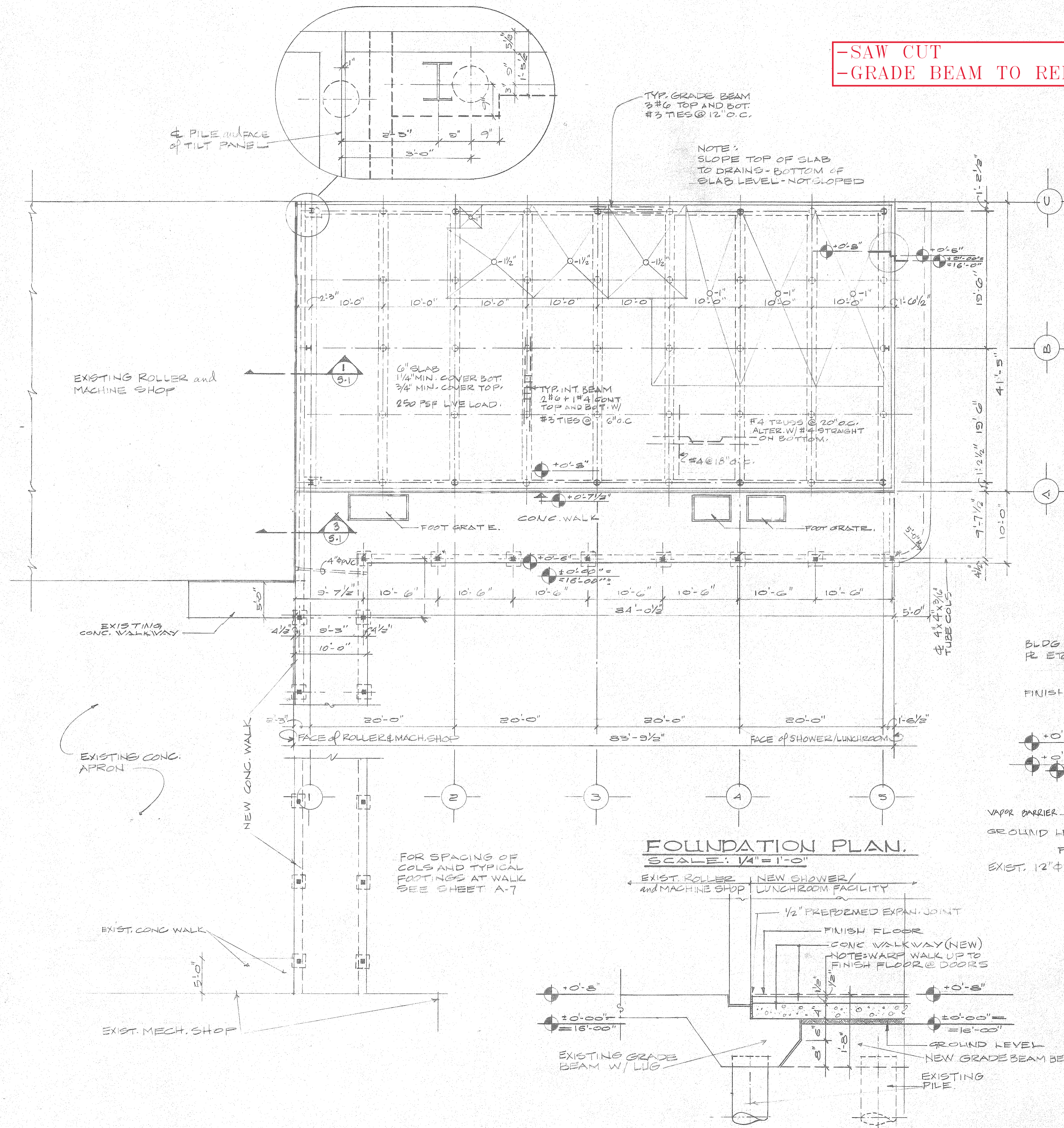
DATE	10-19-81	4/28/82	SCALE	1" = 200'
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REFERENCE ONLY

-SAW CUT
-GRADE BEAM TO REMAIN

TO REMAIN

TO BE REMOVED



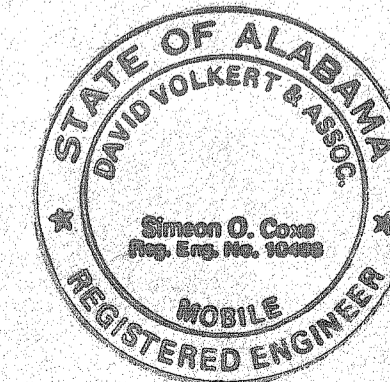
FOUNDATION PLAN.
SCALE: 1/4" = 1'-0"

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

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

NOTE: CO-ORDINATE W/ARCHITECTURAL, MECHANICAL, PLUMBING and ELECTRICAL

REFERENCE ONLY

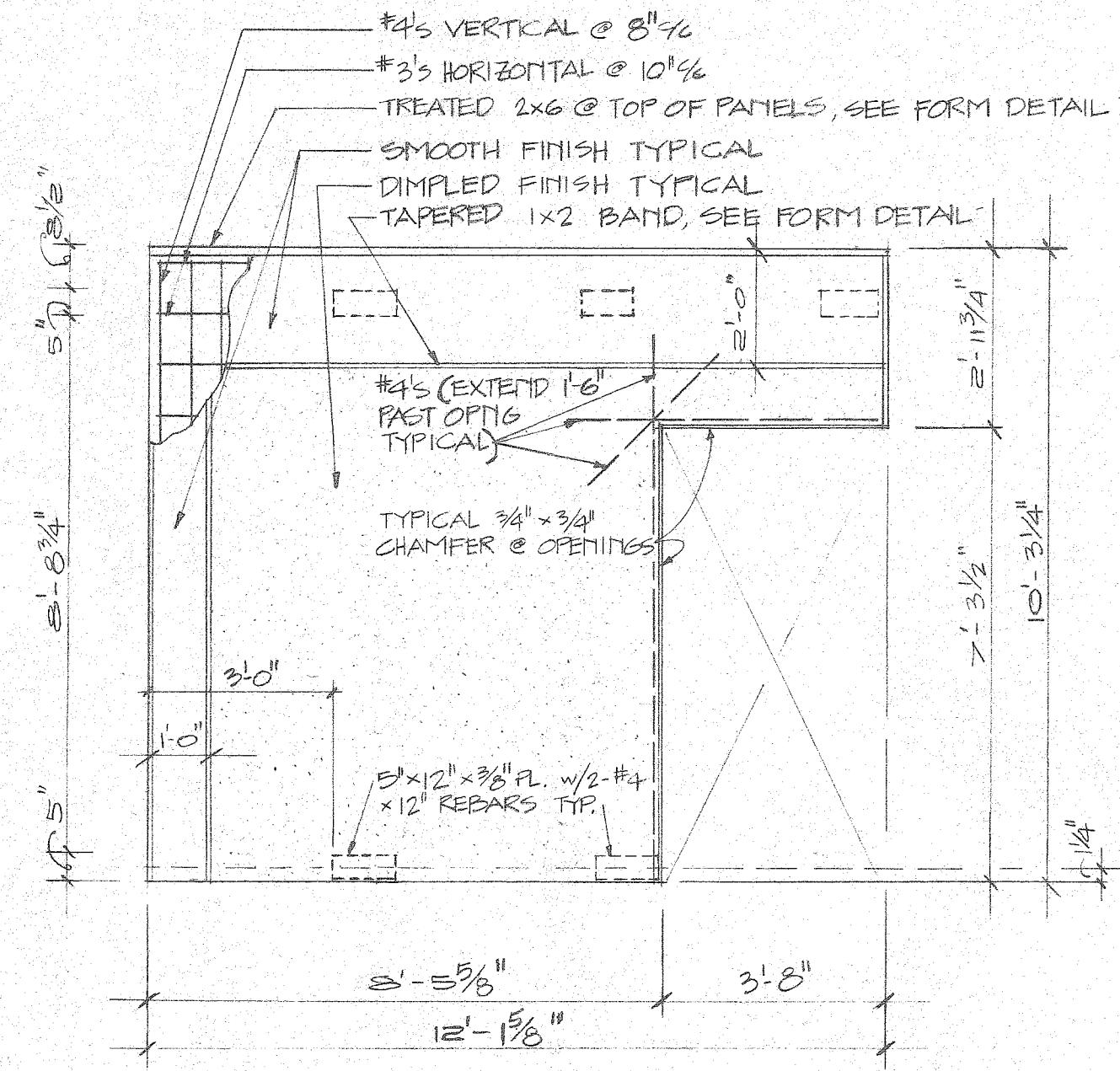


THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)
McDUFFIE TERMINALS PLANT EXPANSION
 SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP
 SHOWER & LUNCHROOM FOUNDATION PLAN

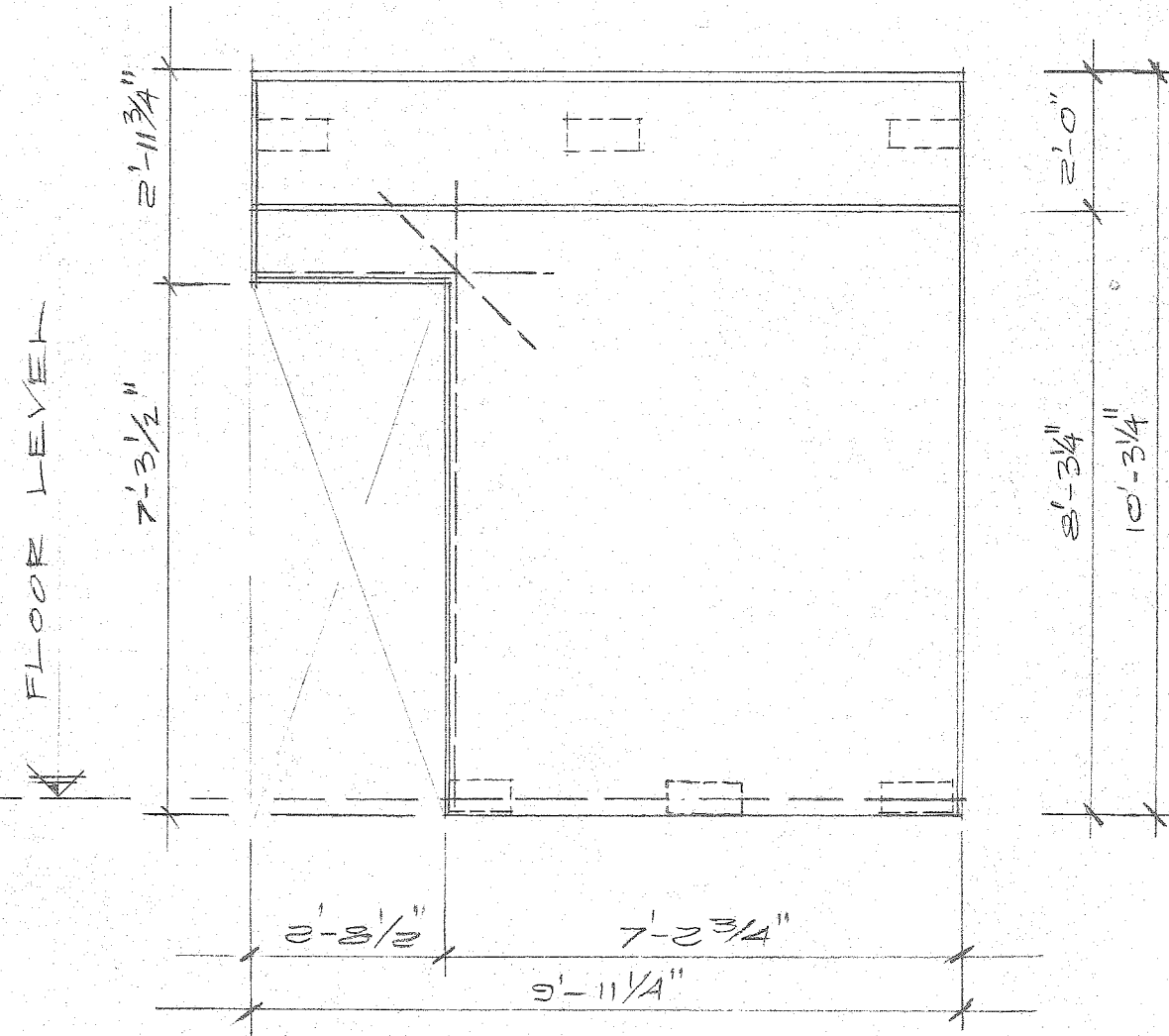
DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

DESIGNED SOC	DETAILED SOC	TRACED NG
CHECKED SOC	CHECKED SOC	CHECKED JRM
DATE 4/28/82		

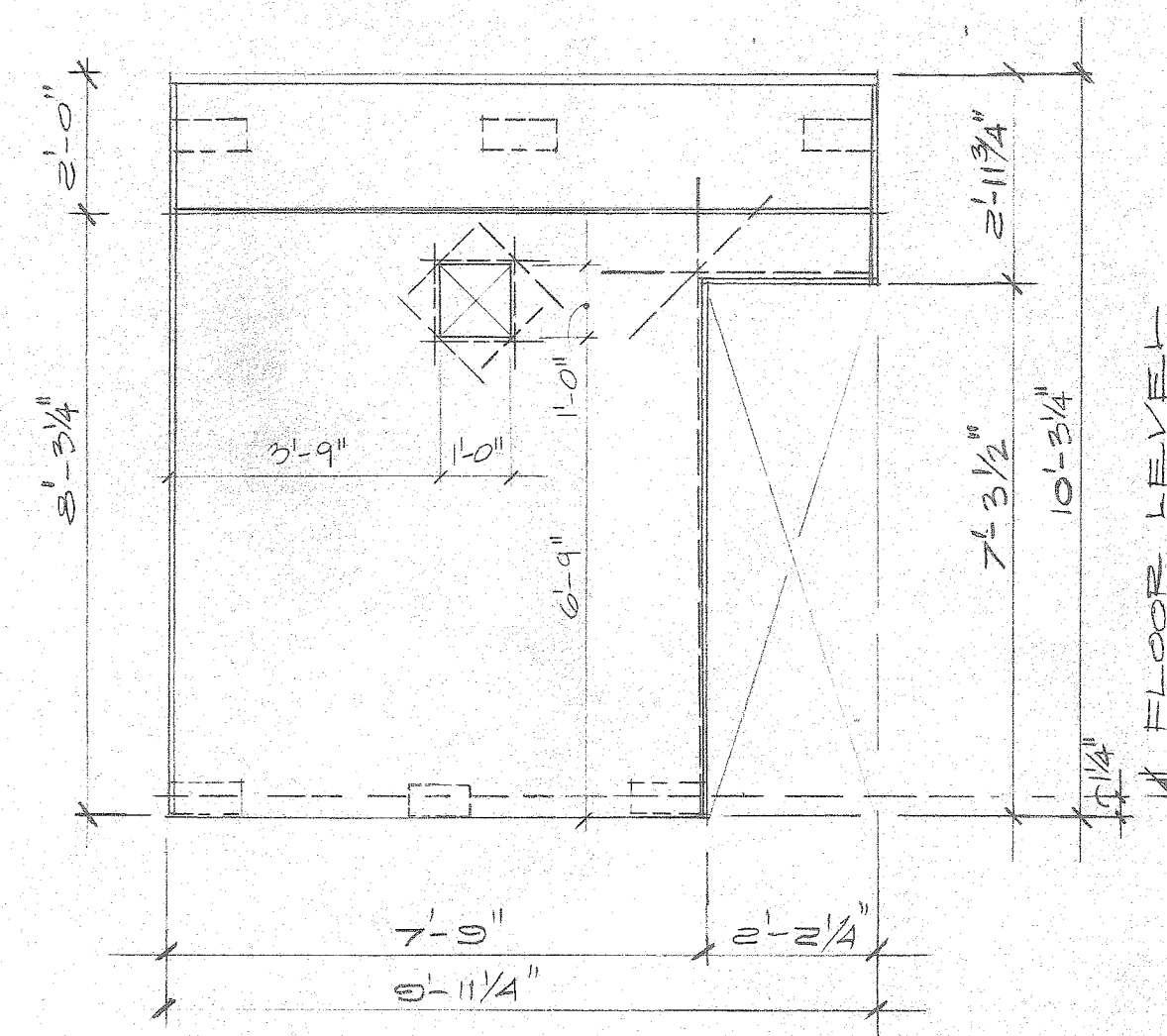
SPEC. NO.	PROJECT NO.	SHEET NO.
475	29270	5-2



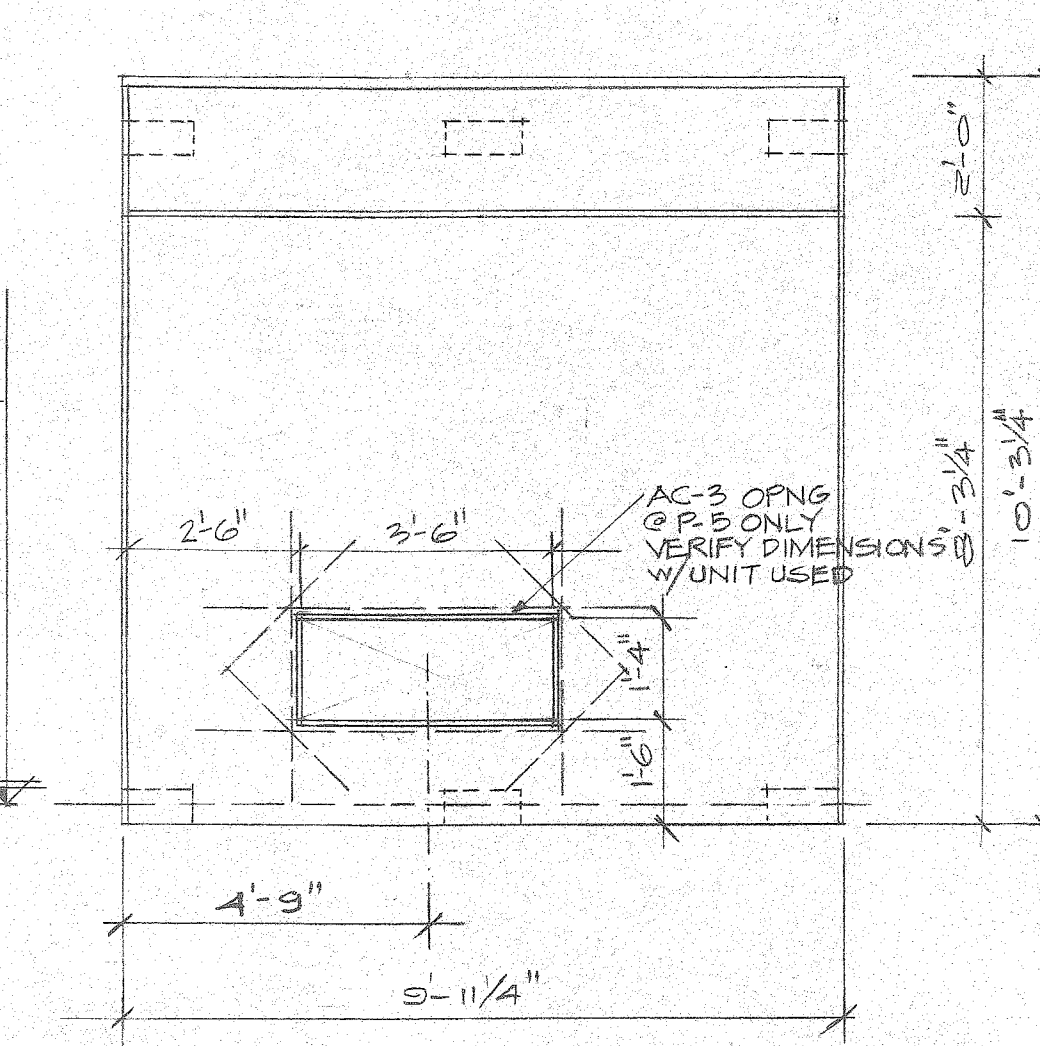
P-1 PANEL TYPE.
NOTES P-1 APPLY TO OTHER PANELS ALSO.



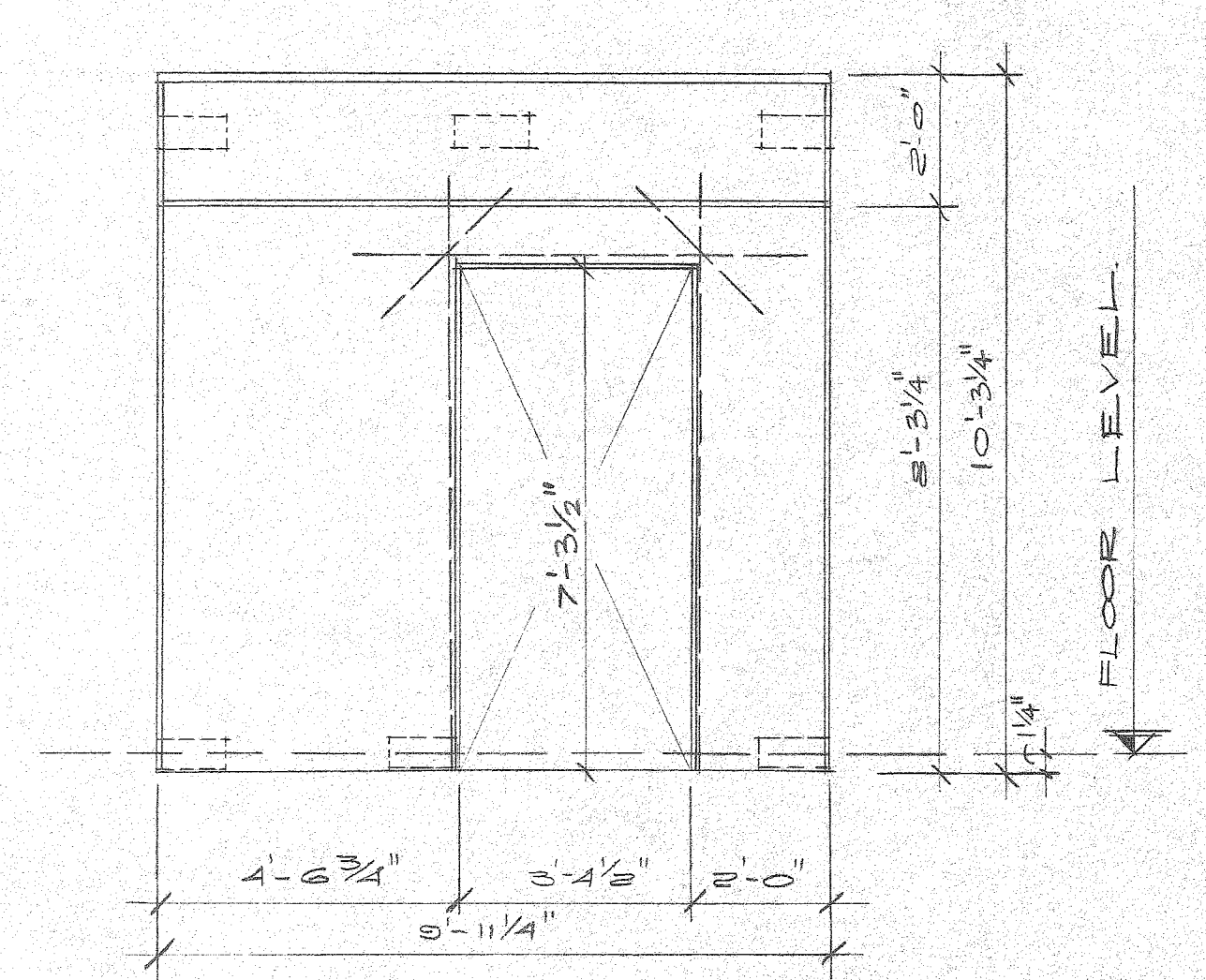
P-2 PANEL TYPE.



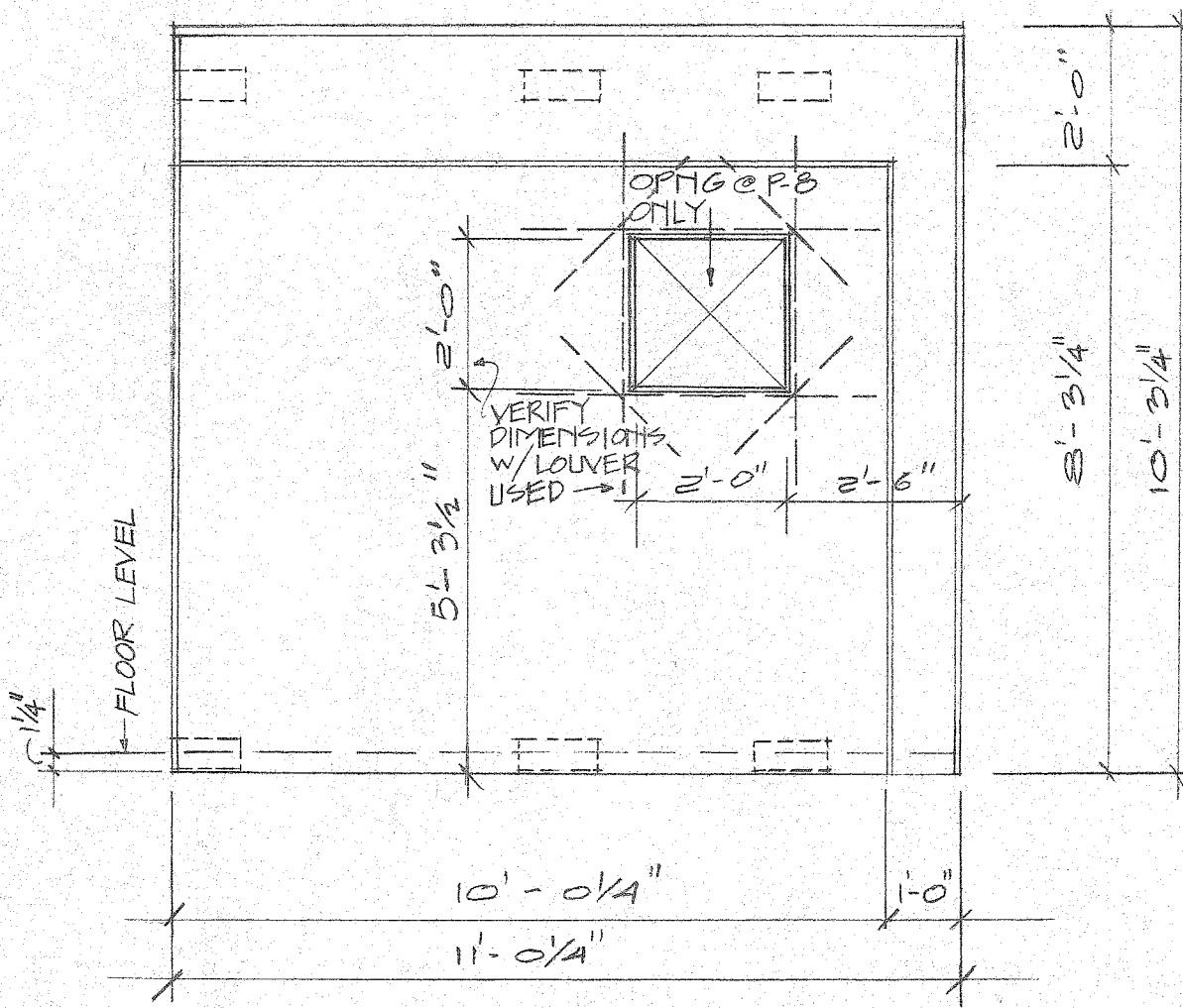
P-3 PANEL TYPE.
NOTE: PANEL TYPE P-4 SAME EXCEPT OPPOSITE HAND.



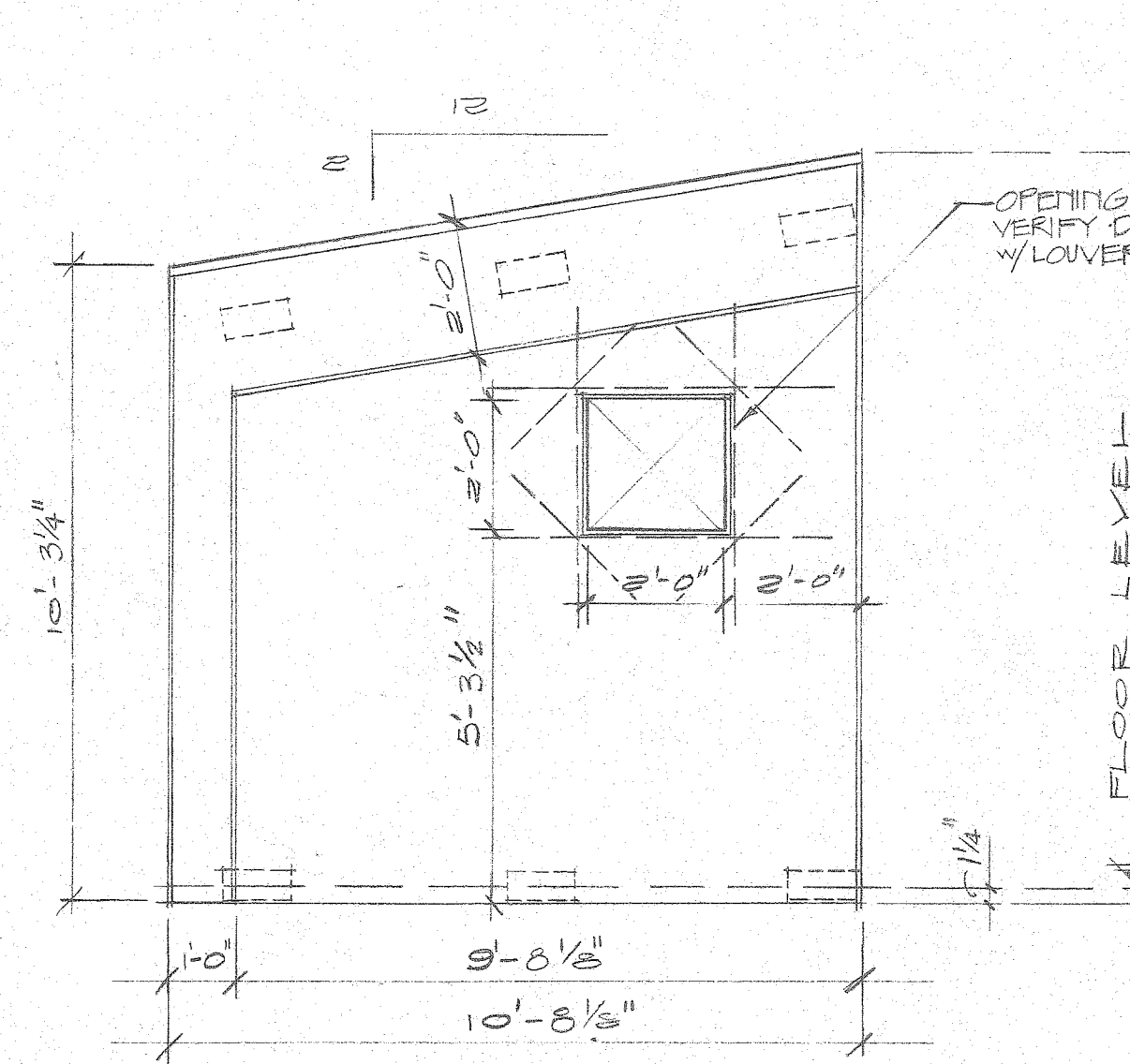
P-5 PANEL TYPE.
NOTE: PANEL TYPE P-14 SAME EXCEPT NO AC-3 OPENING.



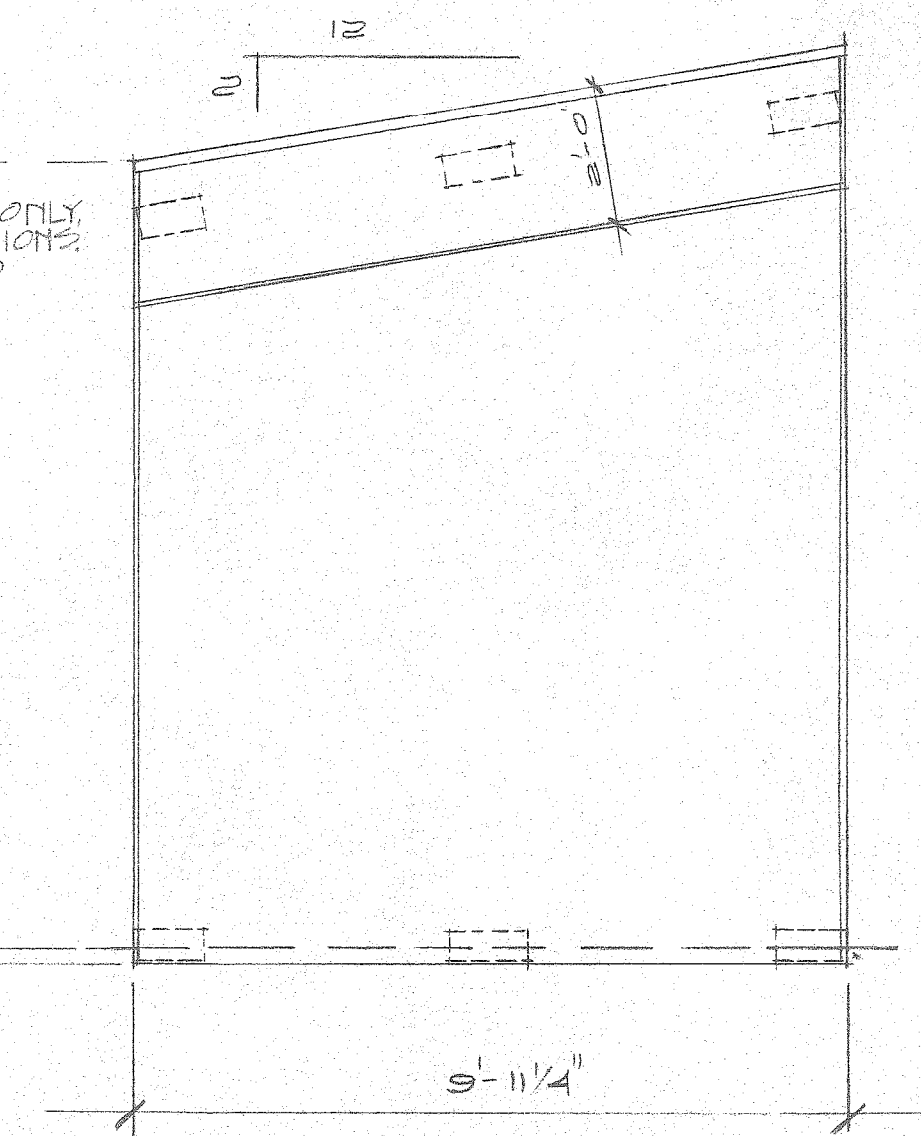
P-6 PANEL TYPE.
NOTE: PANEL TYPE P-7 SAME EXCEPT OPPOSITE HAND.



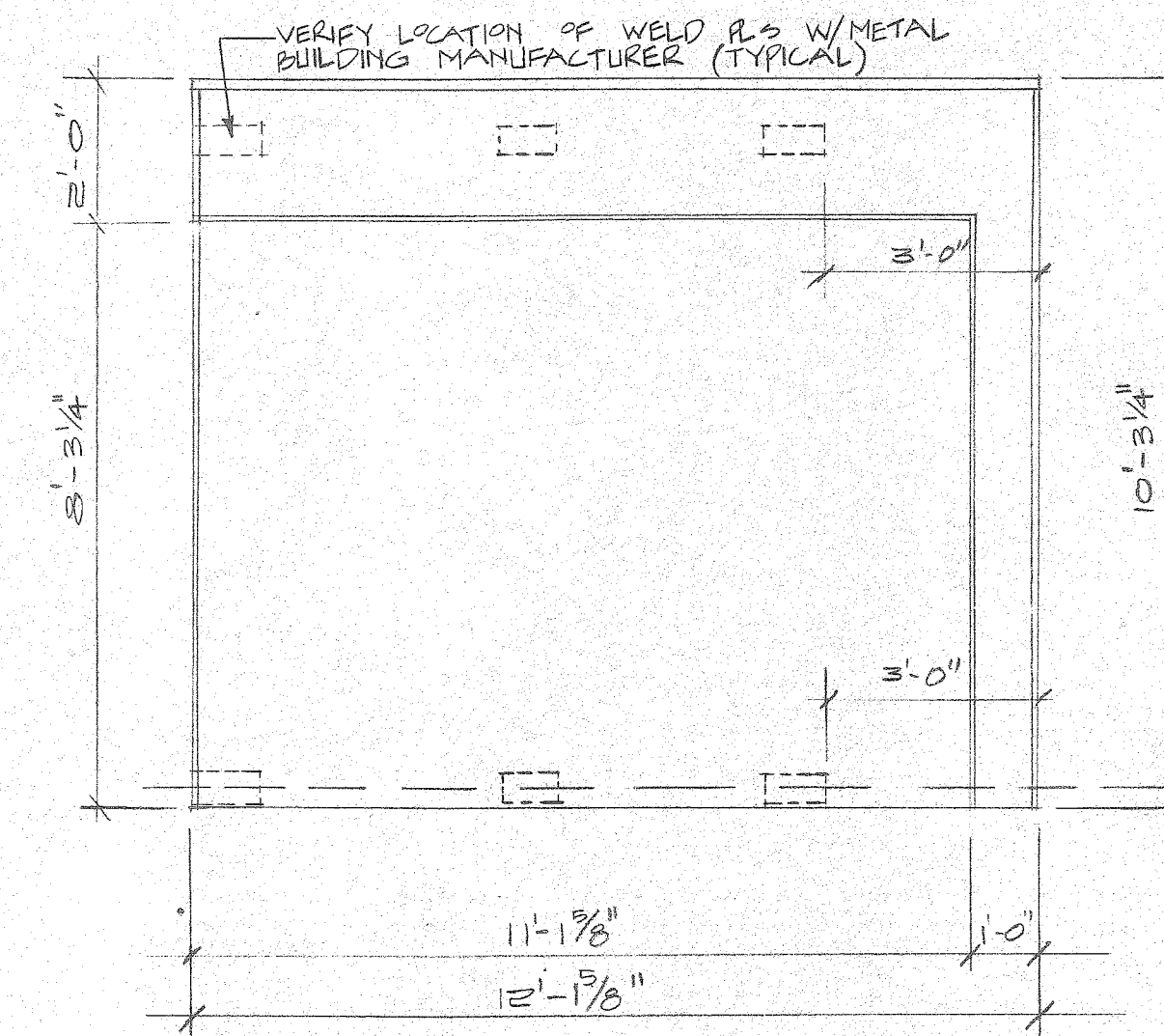
P-8 PANEL TYPE.
NOTE: PANEL TYPE P-13 SAME EXCEPT OPPOSITE HAND & NO OPNG.



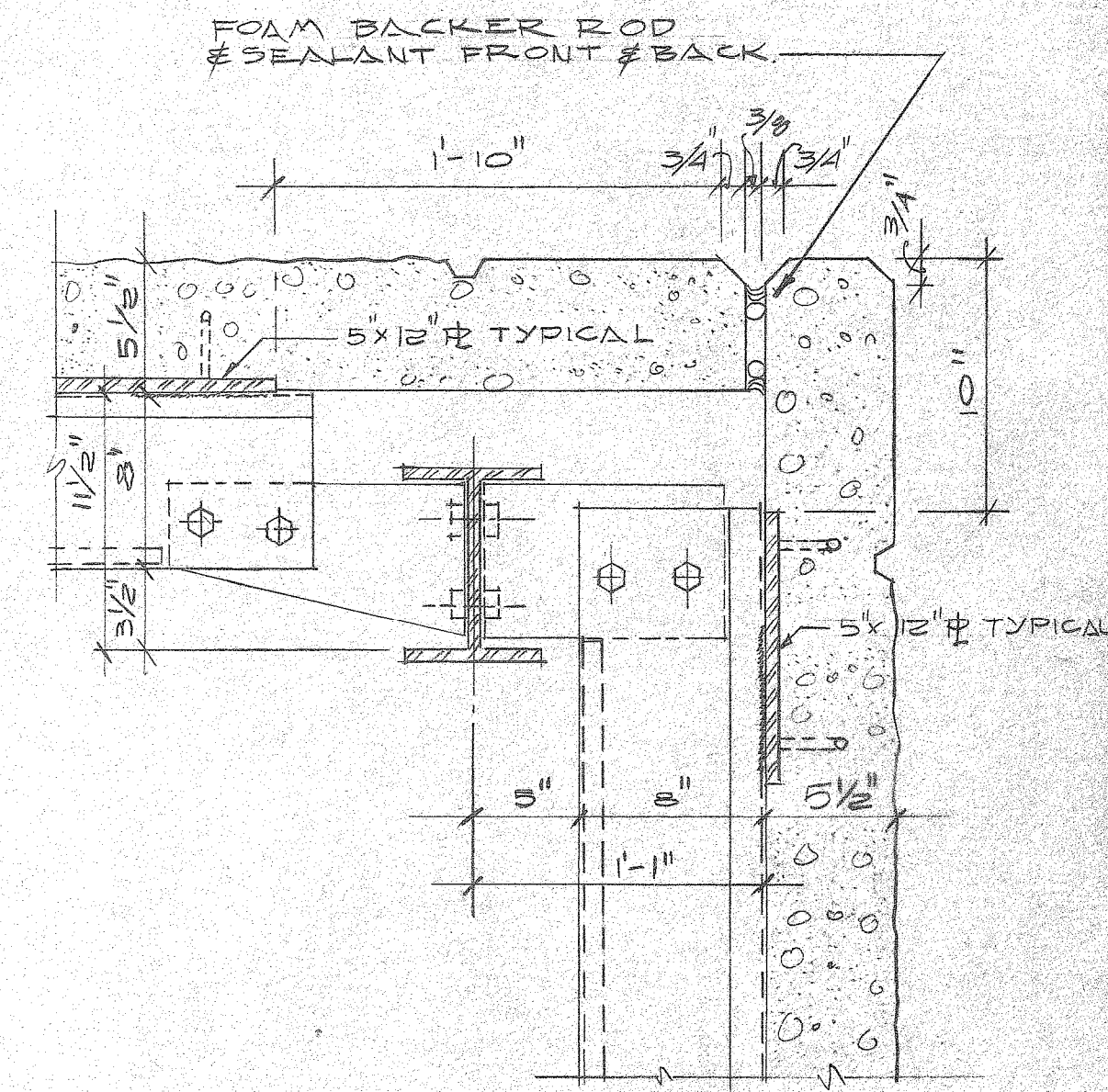
P-9 PANEL TYPE.
NOTE: PANEL TYPE P-12 SAME EXCEPT OPPOSITE HAND & NO OPNG.



P-10 PANEL TYPE.
NOTE: PANEL TYPE P-11 SAME EXCEPT OPPOSITE HAND.

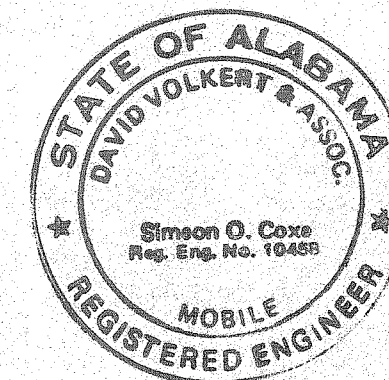


P-15 PANEL TYPE.



TYPICAL TILT-UP PANEL ATTACHMENT DETAIL @ SHOWER/LUNCHROOM FACILITY 1/2\"/>

- NOTES
- SCALE OF PANEL TYPES IS 3/8\"/>

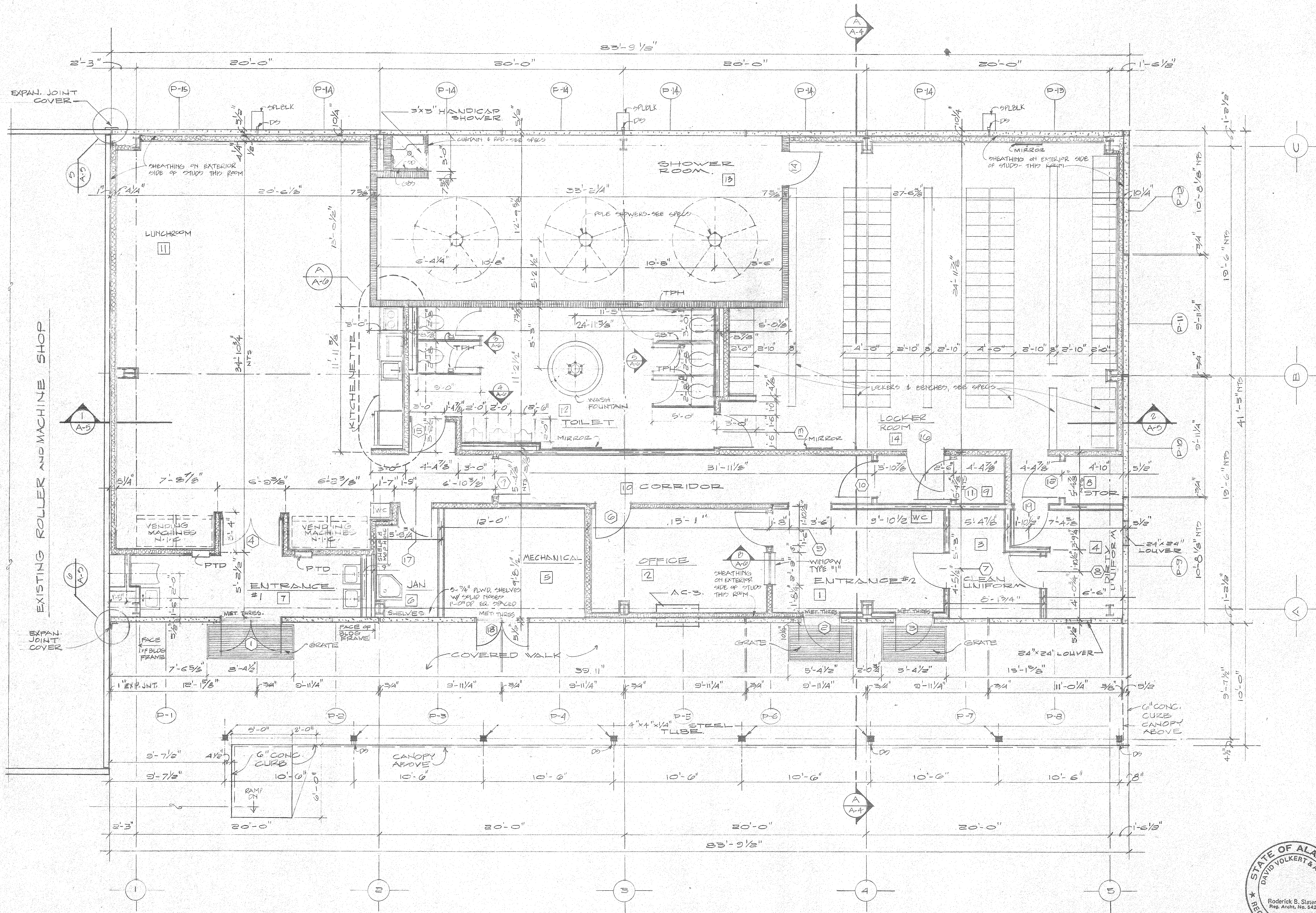


THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP
SHOWER & LUNCHROOM TILT PANEL ELEVATIONS
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED	300	DETAILED	300	TRACED	NS
CHECKED	300	CHECKED	300	CHECKED	JRM
DATE 4/28/82					

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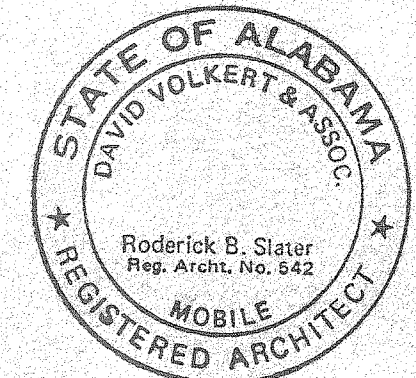
NOTES:
 1. TOILET ACCESSORIES - SEE SPECS SECTION 10.

3/8
 3/8
 3/8

- LEGEND**
- CONCRETE
 - TILT PANELS
 - DRYWALL PARTITIONS
 - 5/8 GYP BD ON 2x4 METAL STUDS
 - DRYWALL PARTITION, AS ABOVE, WITH R-11 INSULATION
 - CONCRETE BLOCK

REFERENCE ONLY

FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 N.T.S. = NOT TO SCALE



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION
 SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP
 SHOWER & LUNCHROOM - FLOOR PLAN

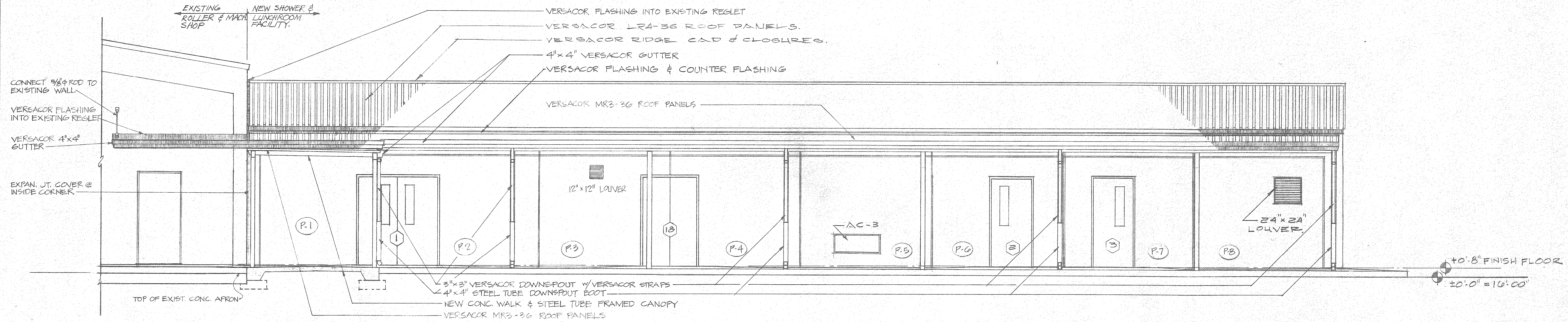
DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

DESIGNED BY	DETAILED BY	TRACED BY
CHECKED CH	CHECKED CH	CHECKED JRM

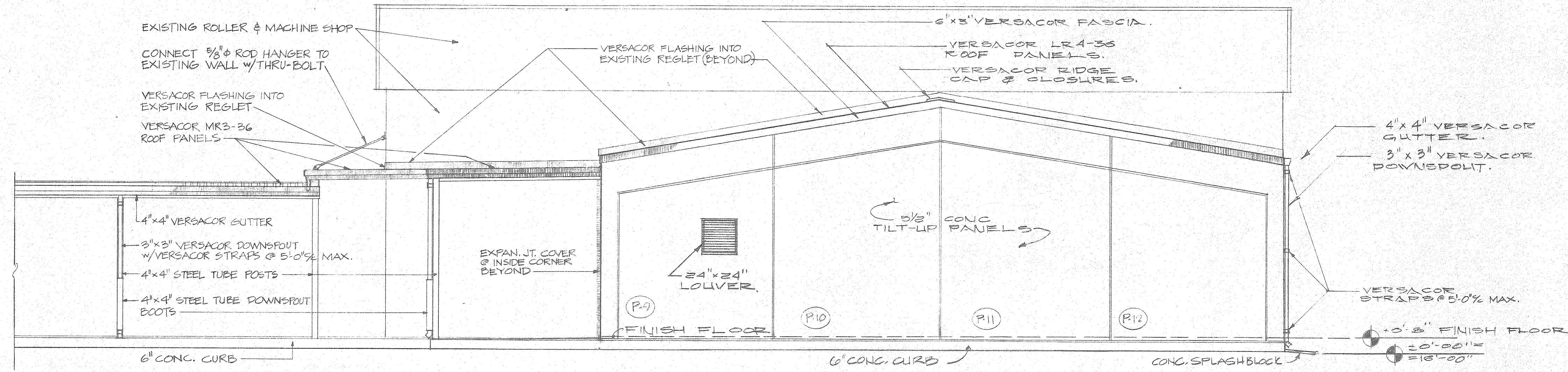
REVISIONS	DATE
	4/28/82

SPEC. NO.	PROJECT NO.	SHEET NO.
473	242 SB	A-3

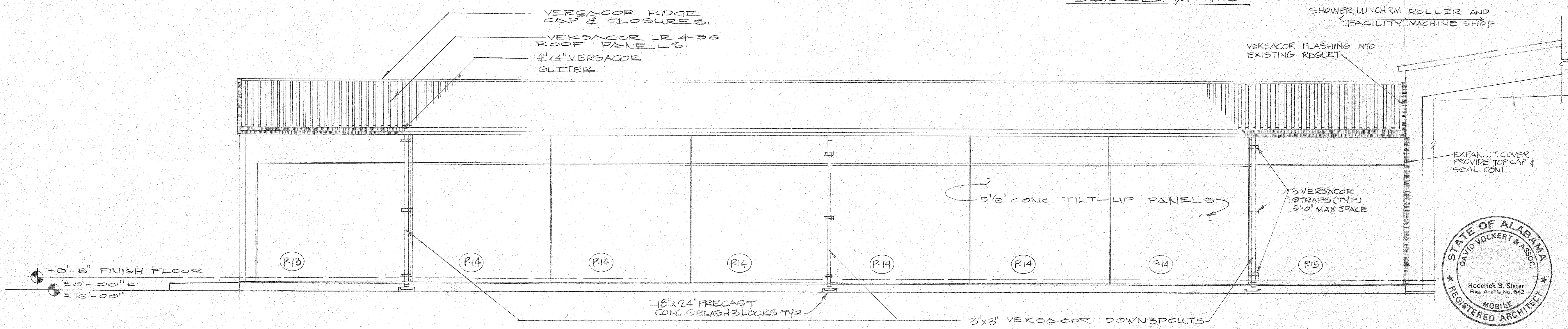
DWG. NO. 7 OF 28



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

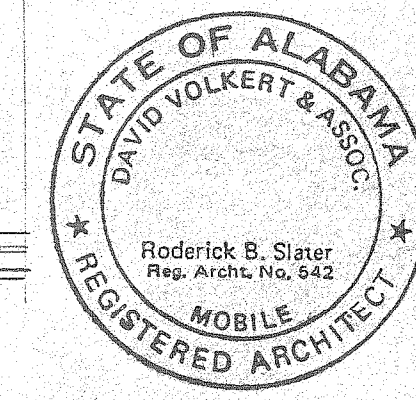


NORTH ELEVATION
SCALE: 1/4" = 1'-0"



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

REFERENCE ONLY



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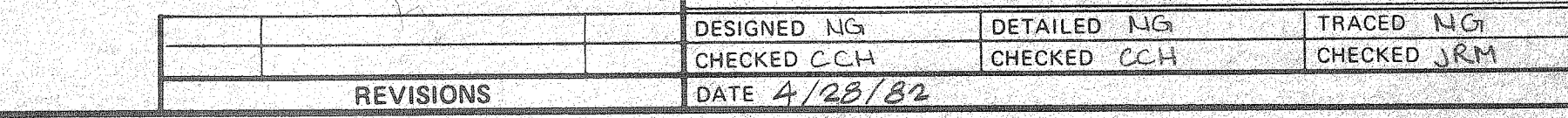
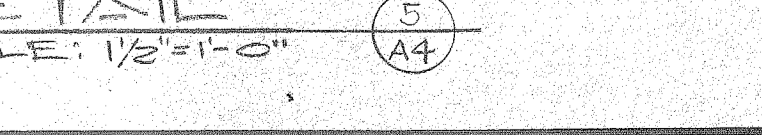
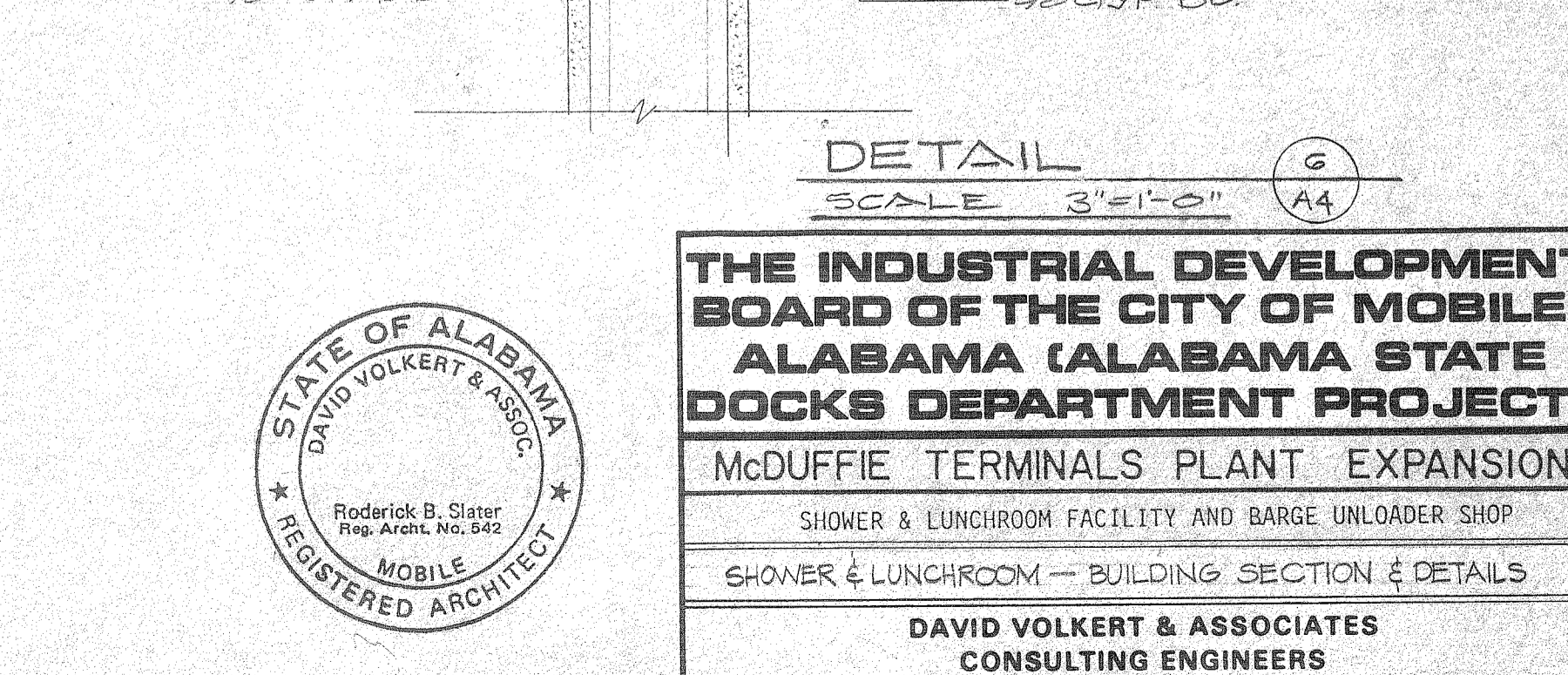
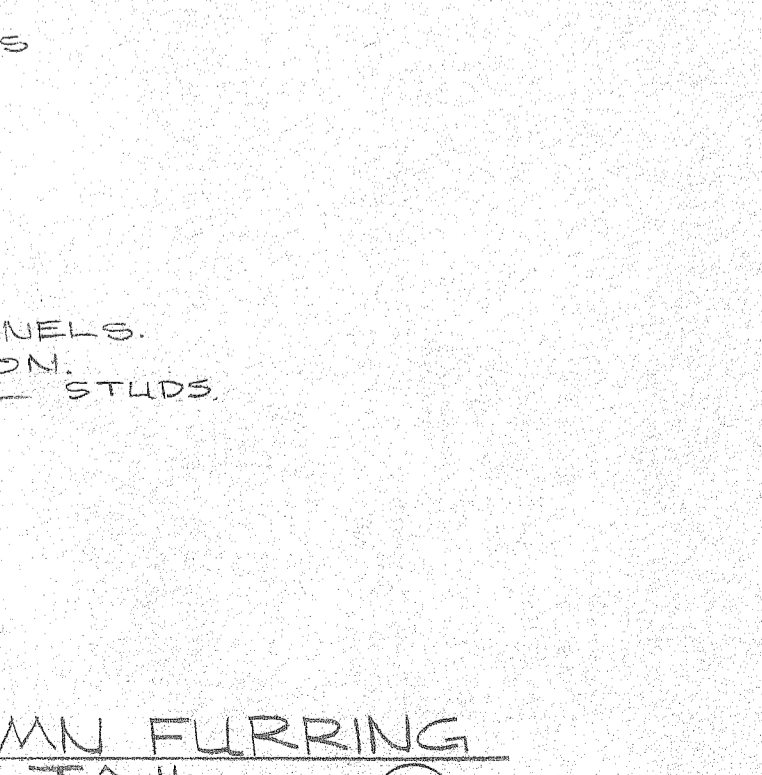
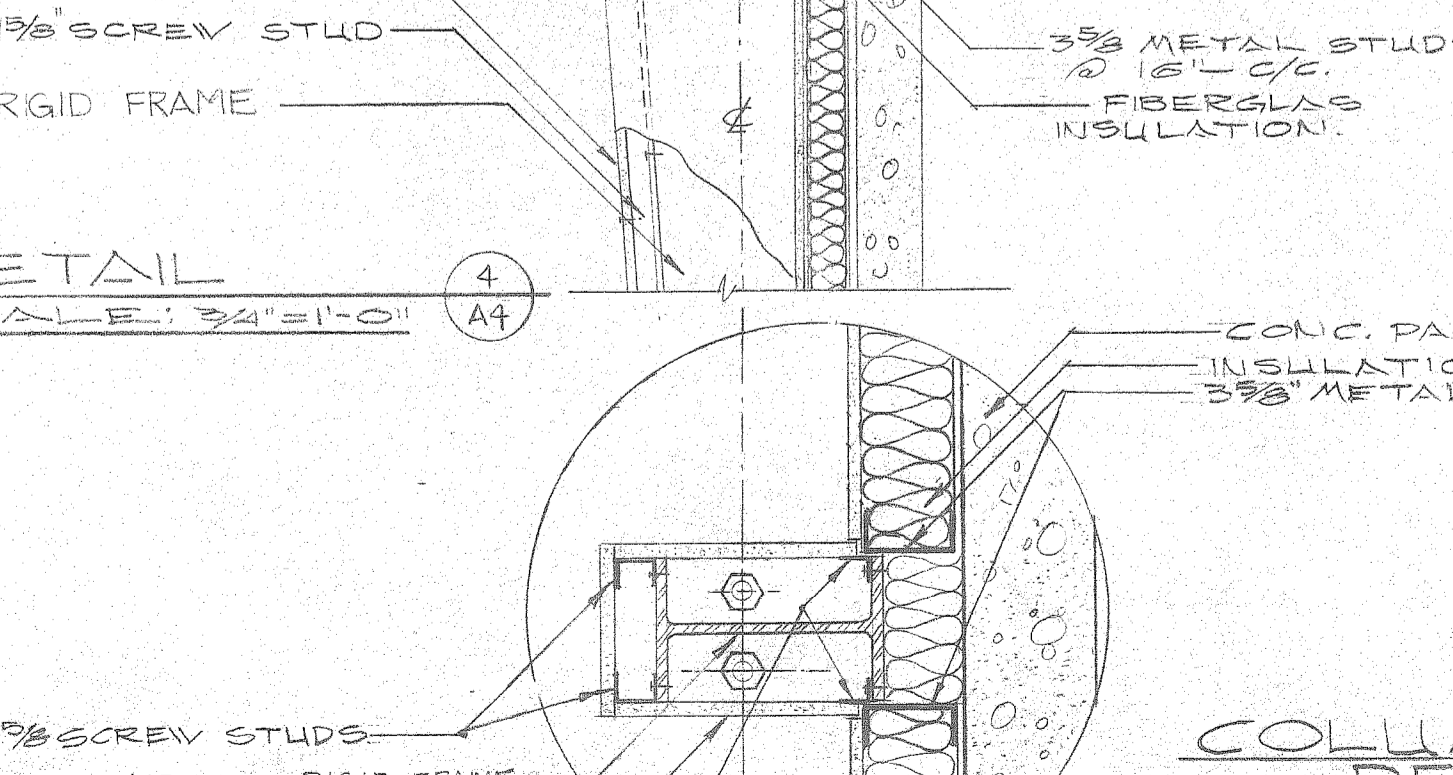
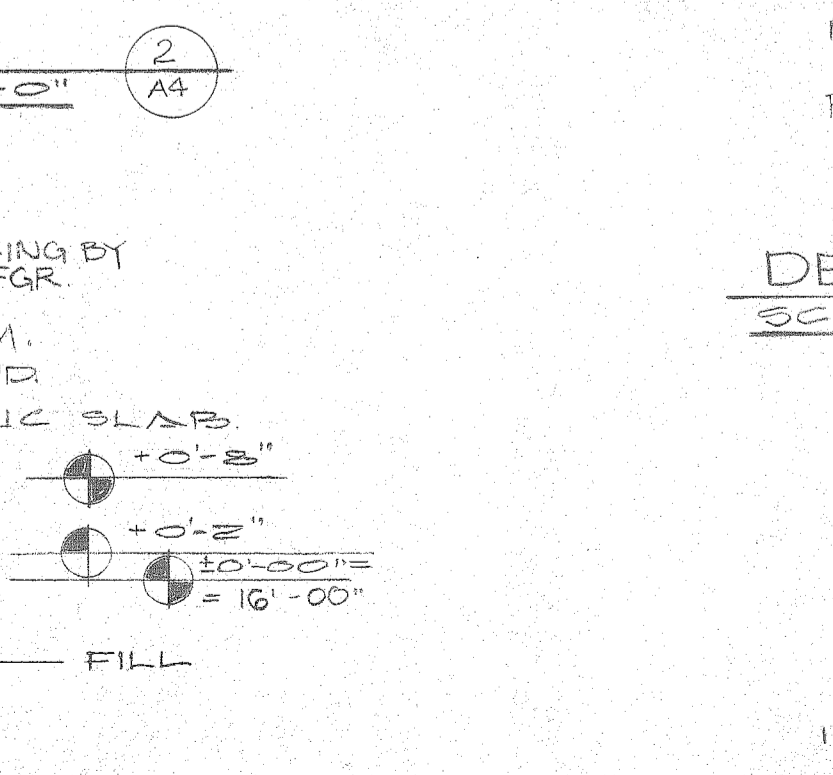
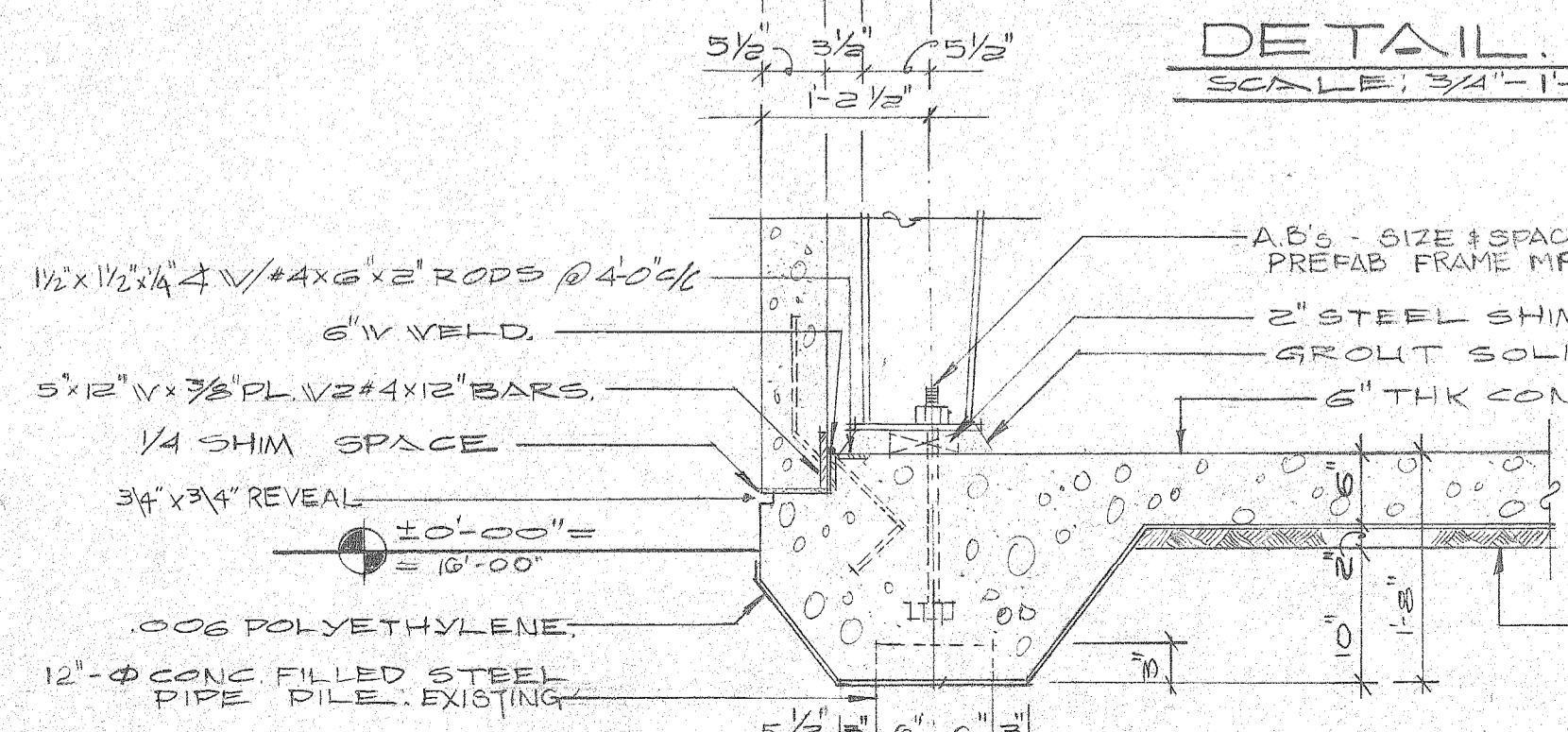
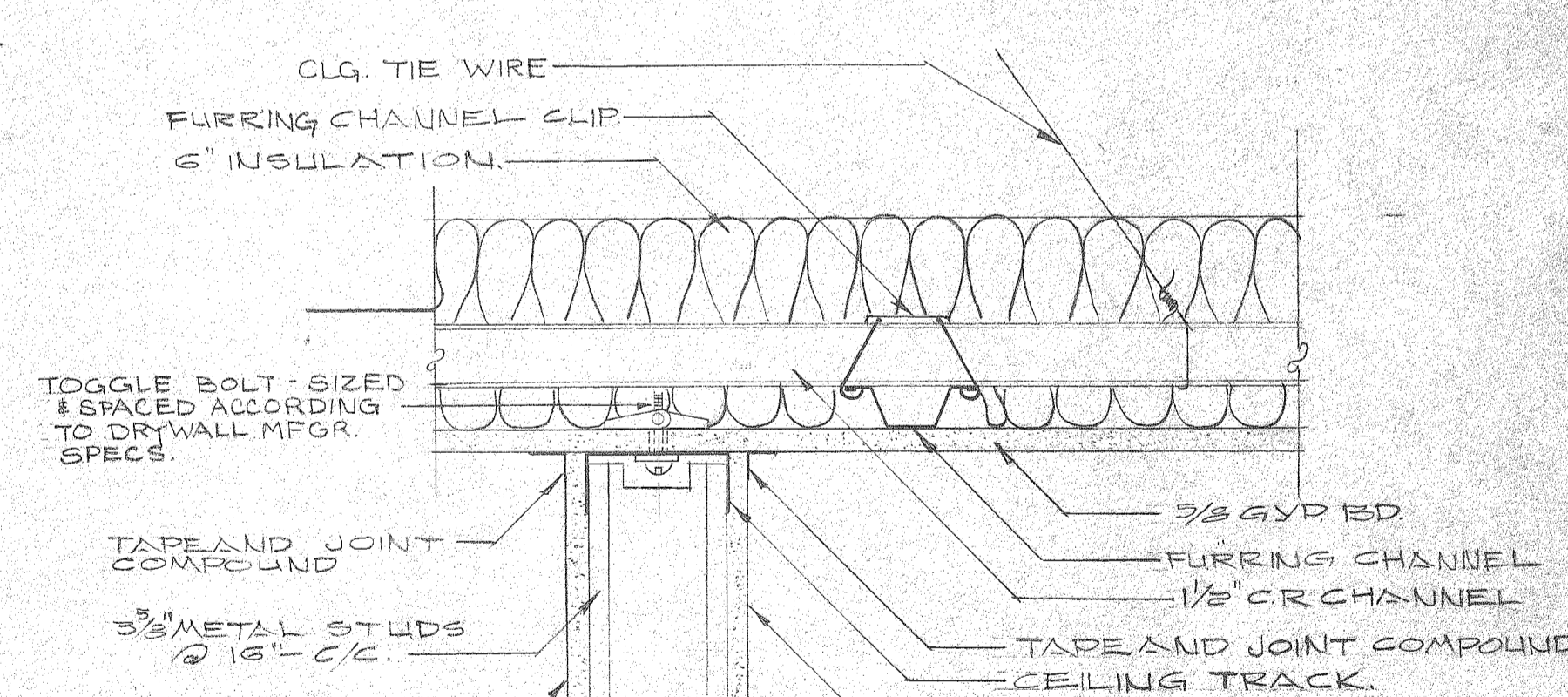
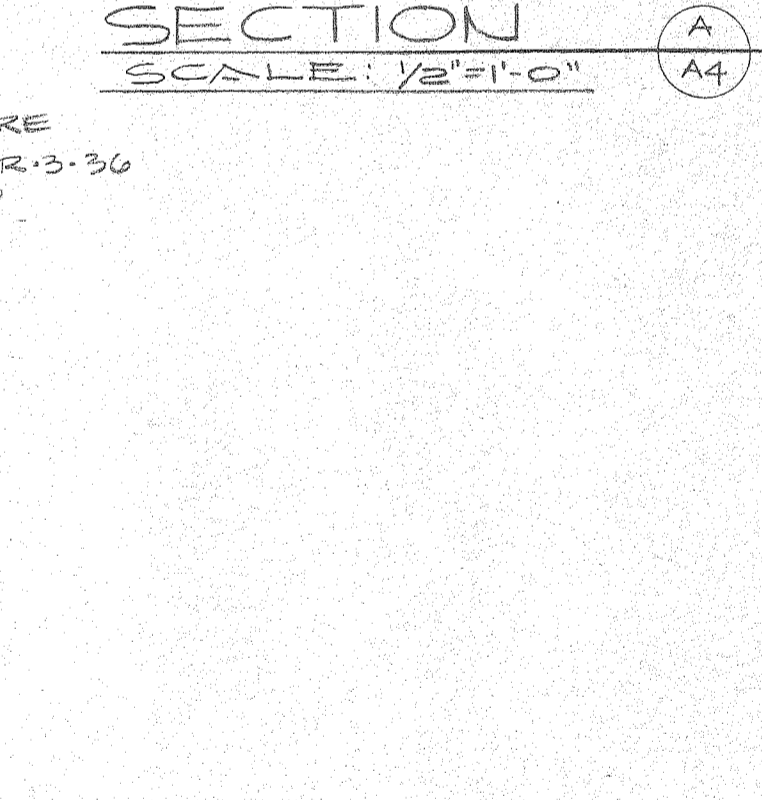
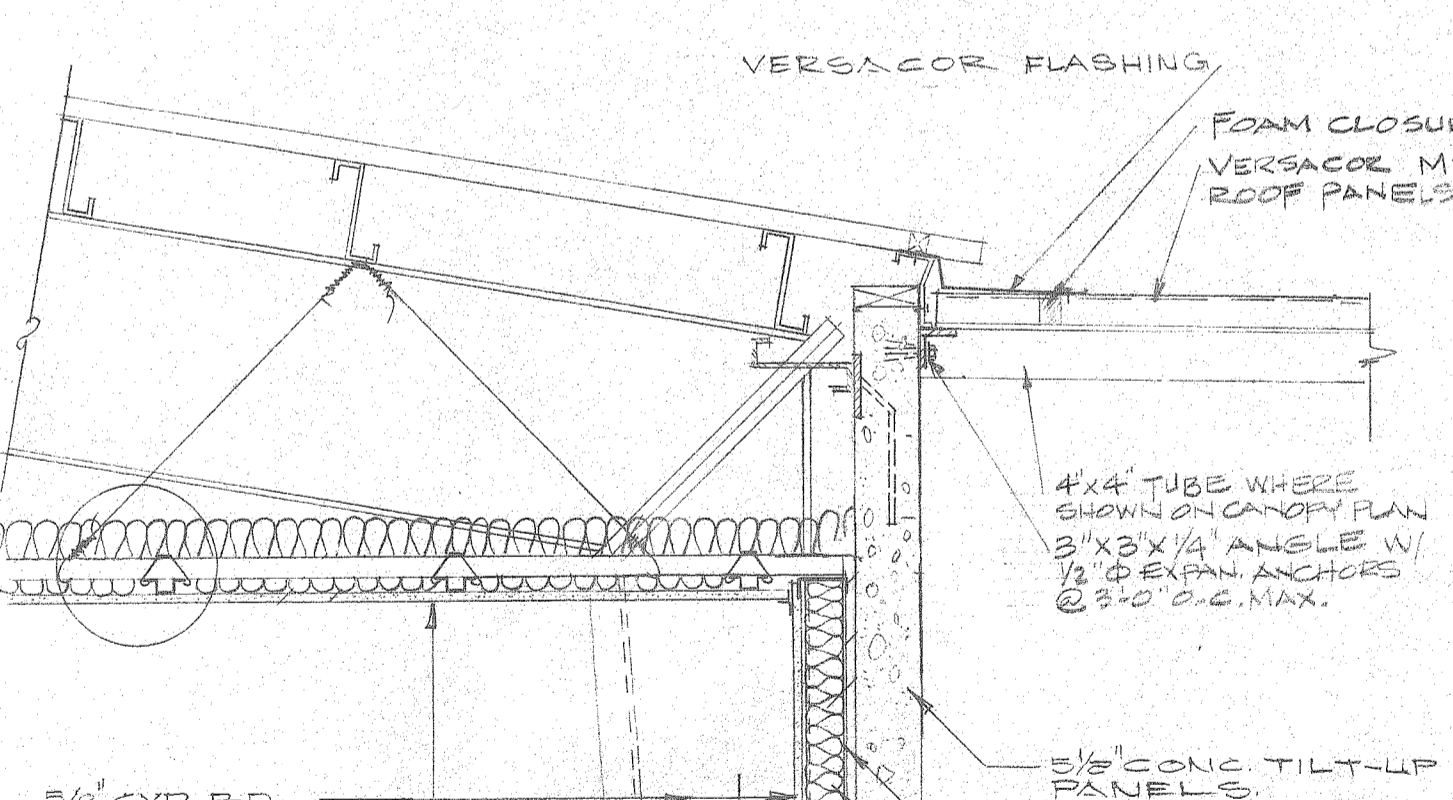
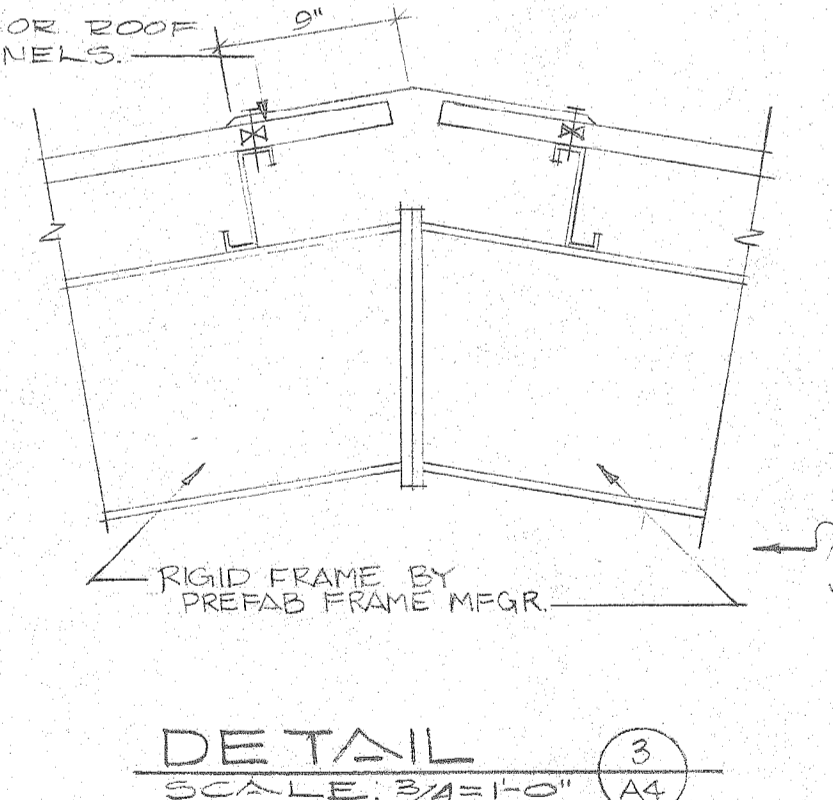
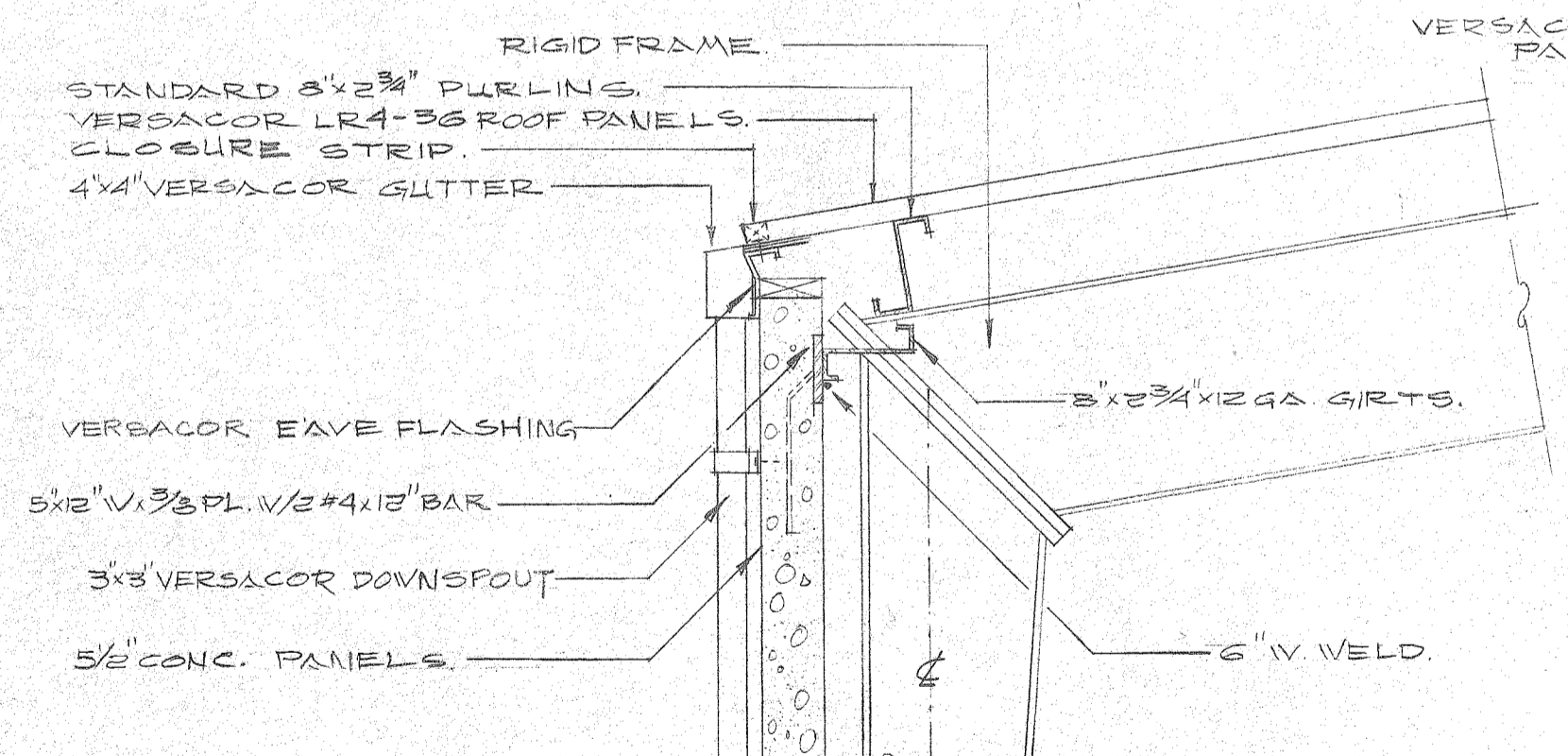
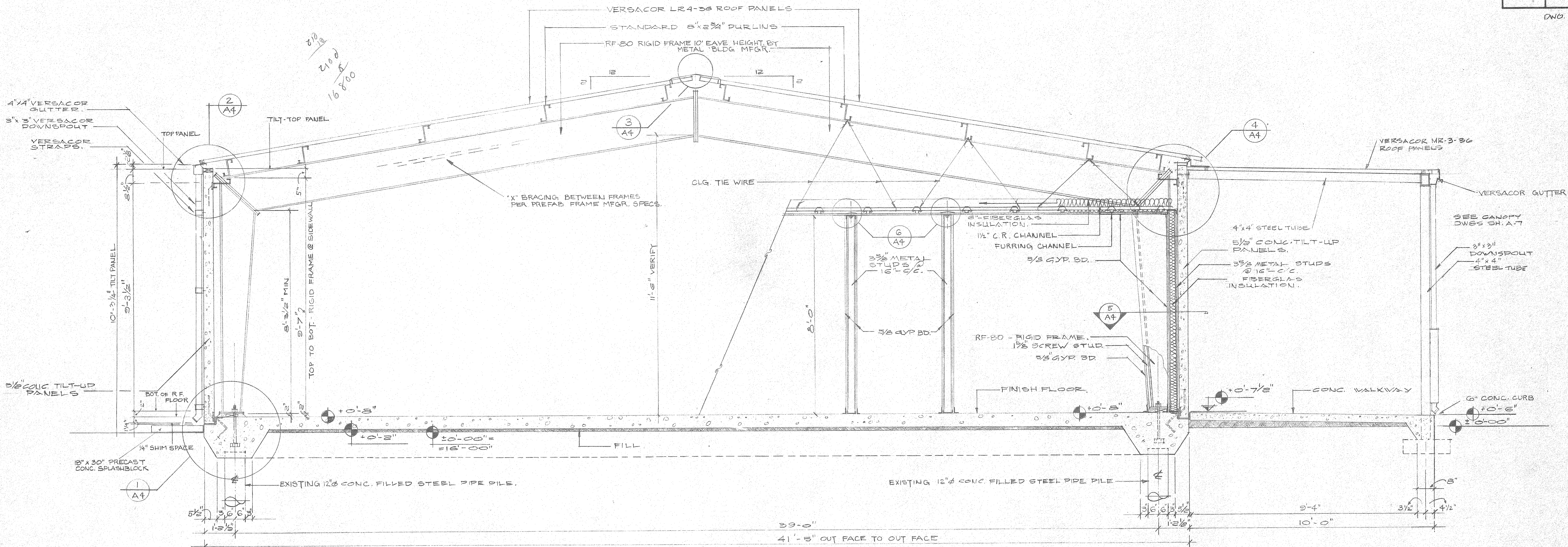
McDUFFIE TERMINALS PLANT EXPANSION
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER AND LUNCHROOM - EXTERIOR ELEVATIONS

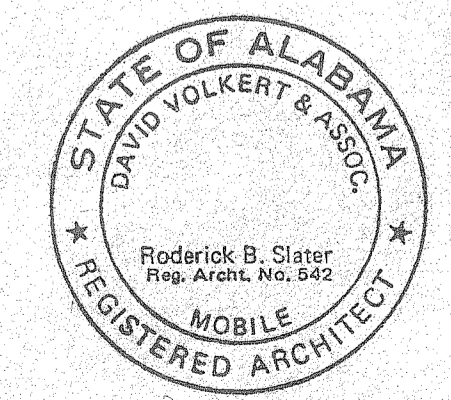
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED NG	DETAILED NG	TRACED NG
CHECKED CCH	CHECKED CCH	CHECKED JEM
DATE 4/28/82		

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THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM - BUILDING SECTION & DETAILS

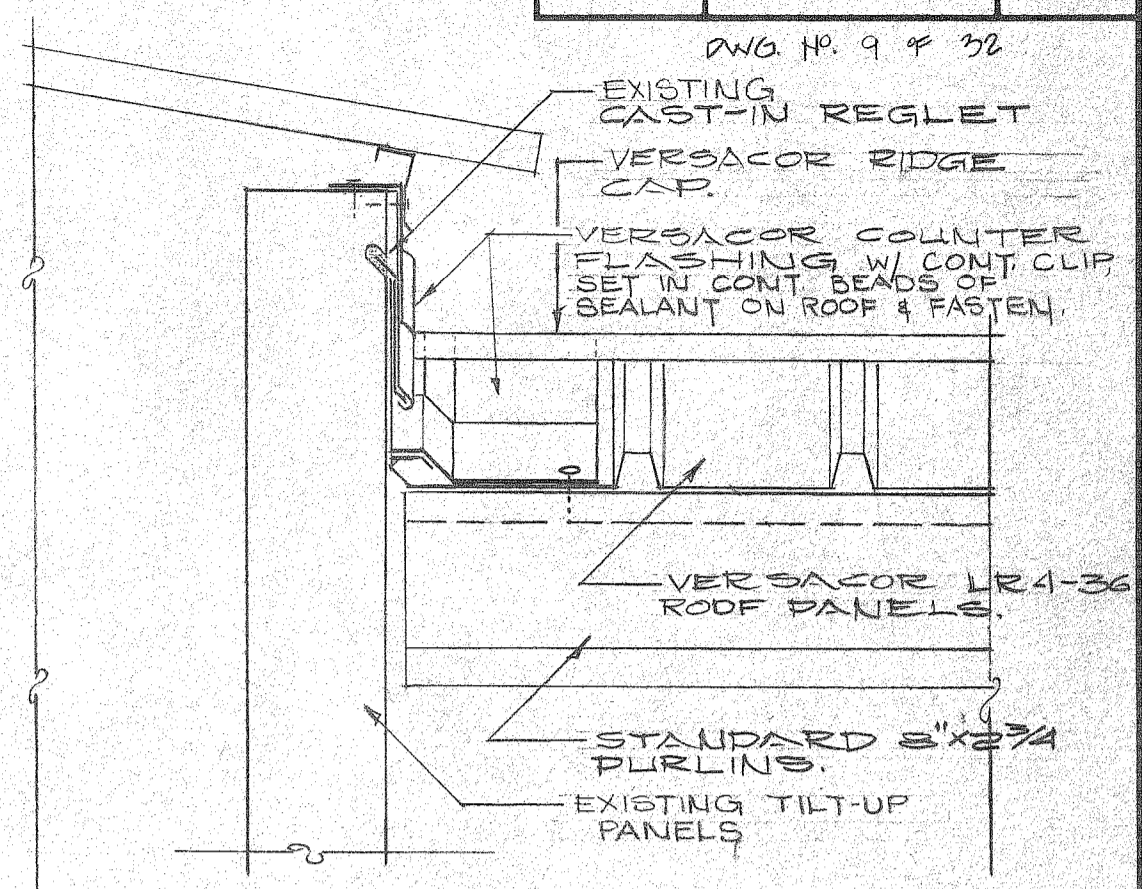
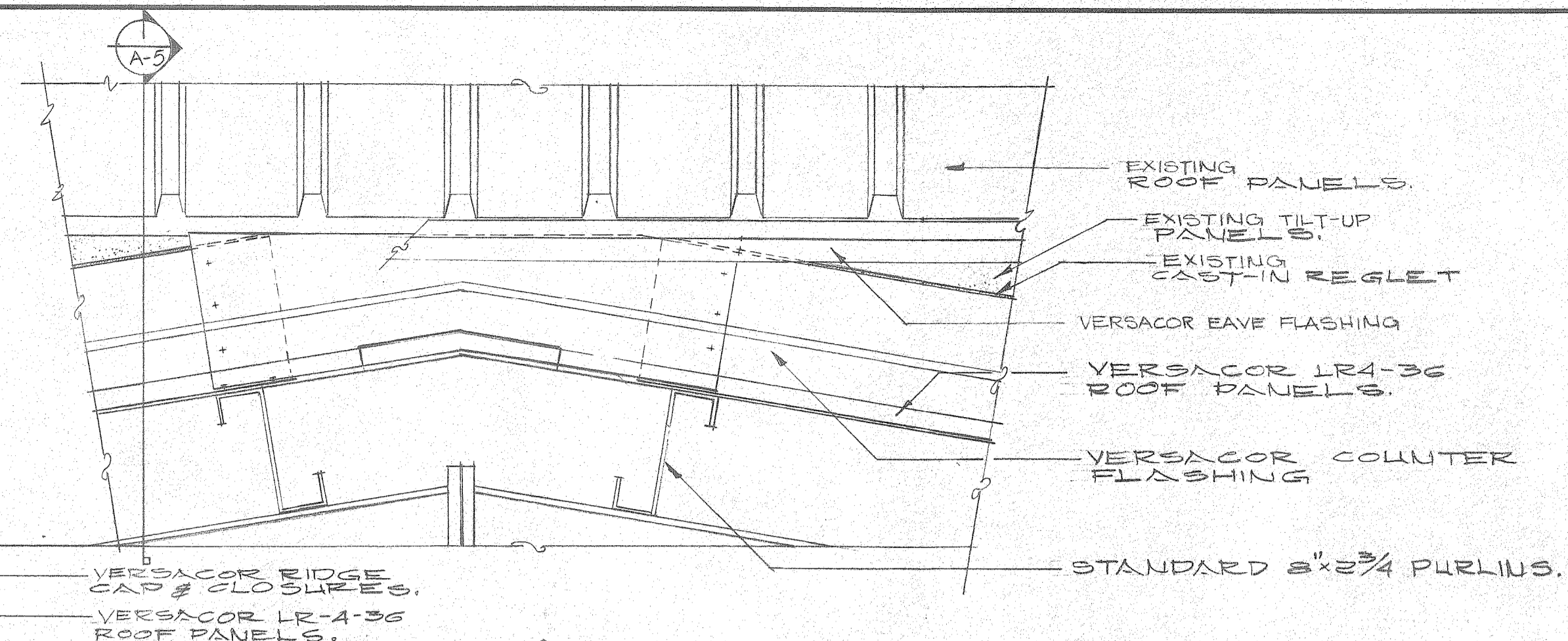
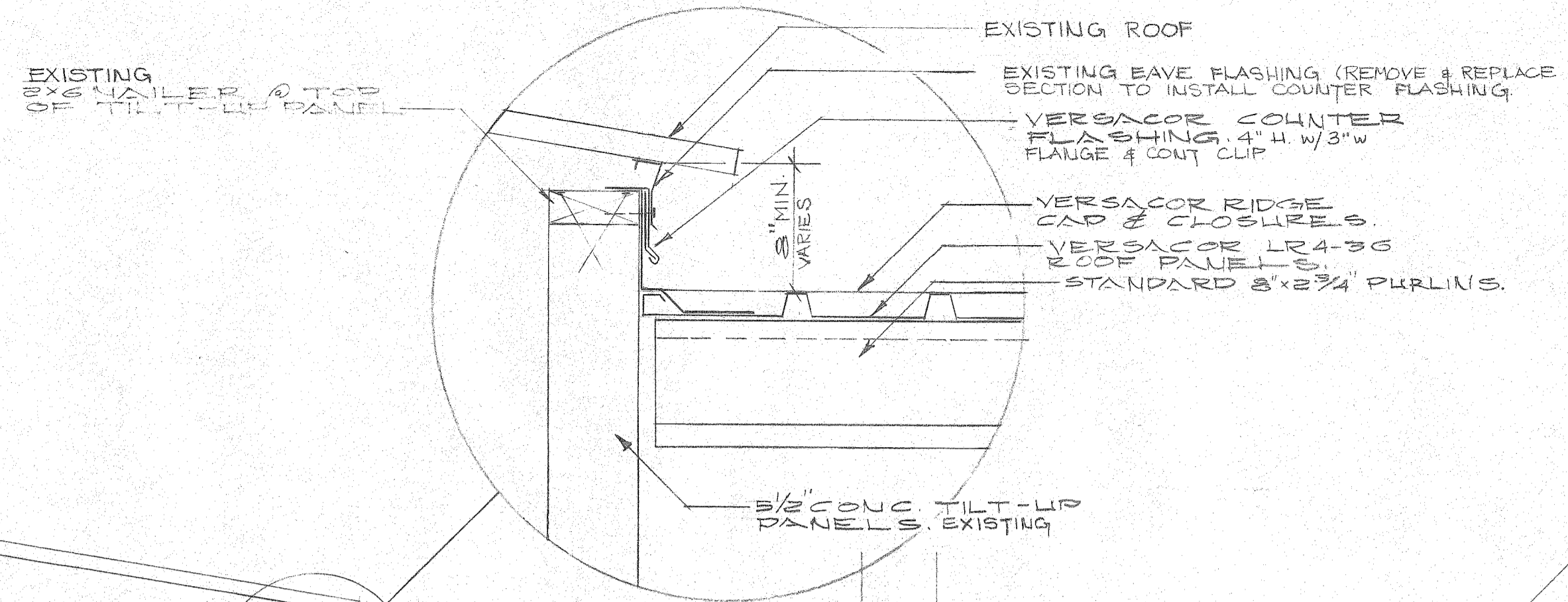
DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED NG	DETAILED NG	TRACED NG
CHECKED CCH	CHECKED CCH	CHECKED JRM

DATE 4/22/82

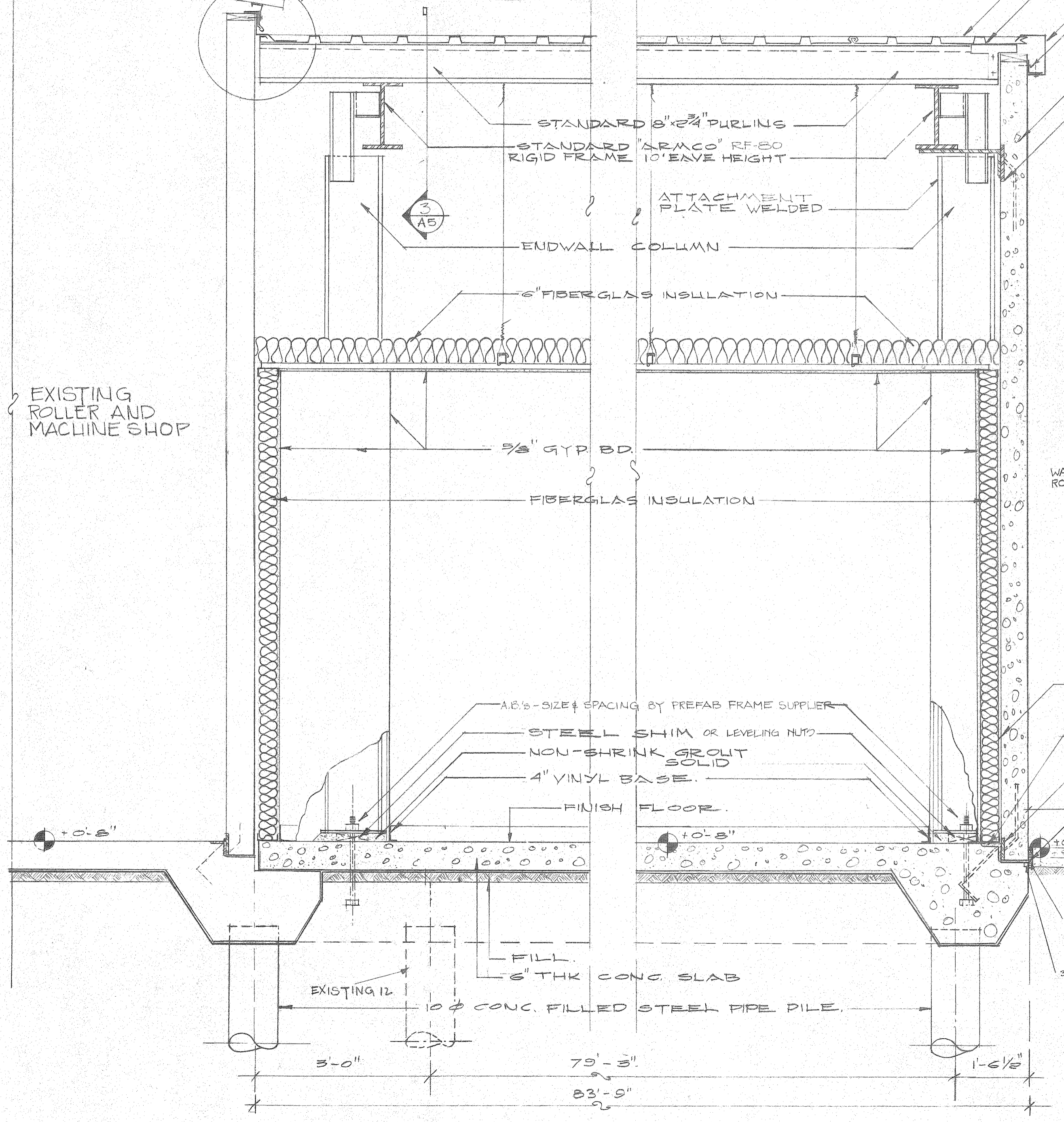
REVISIONS

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473	242.3B	A-5



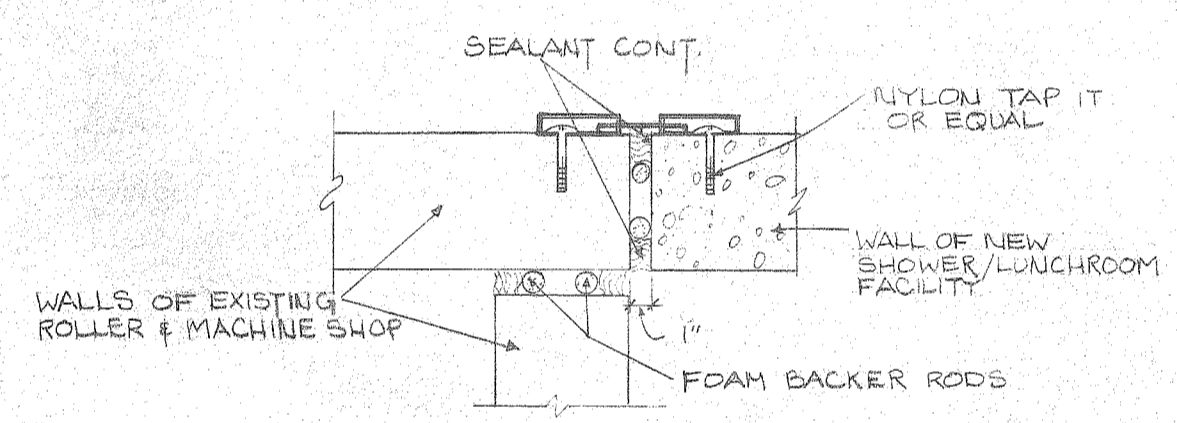
3 ELEVATION OF ROOF FLASHING AT ADJOINING WALLS. SCALE: 1/2" = 1'-0"

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

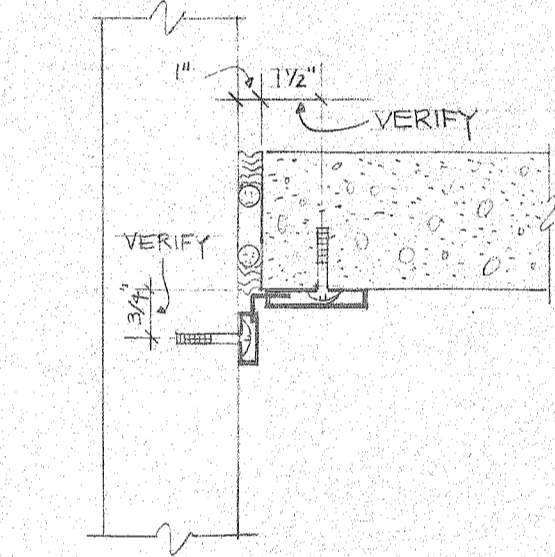


1 SECTION SCALE: 3/4" = 1'-0"

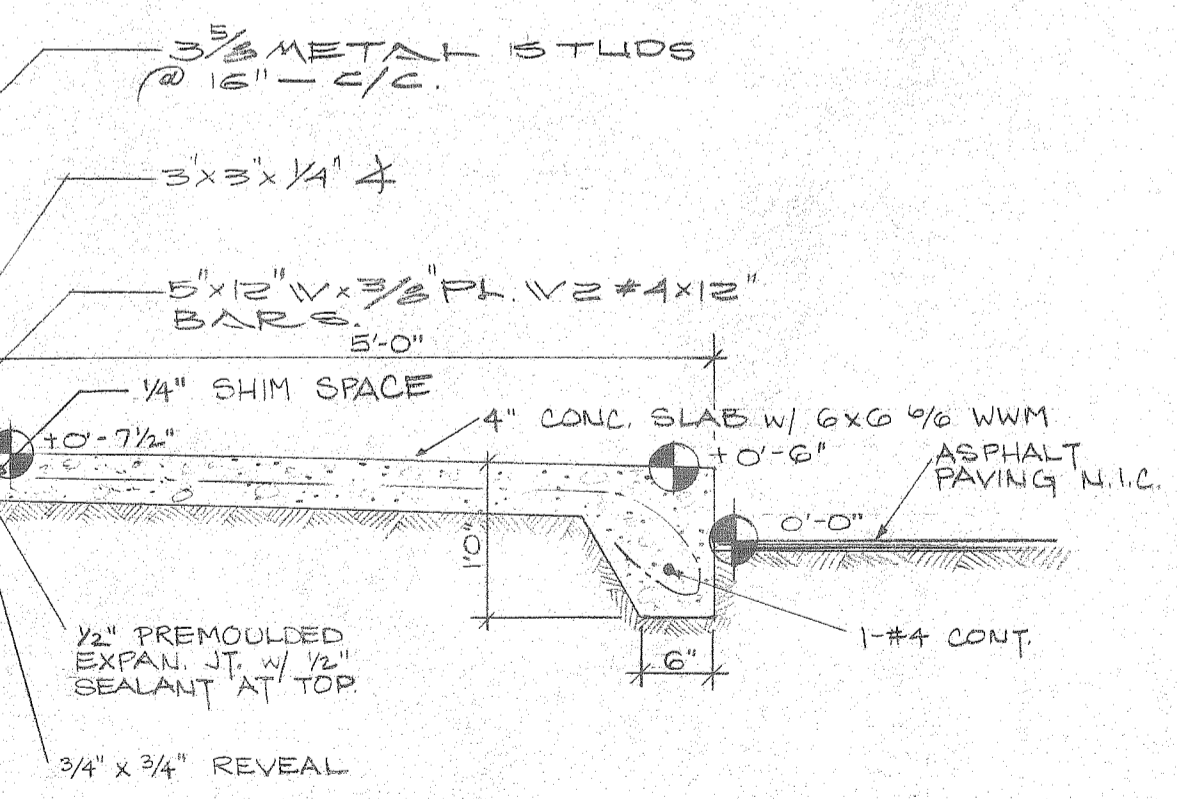
2 SECTION SCALE: 3/4" = 1'-0"



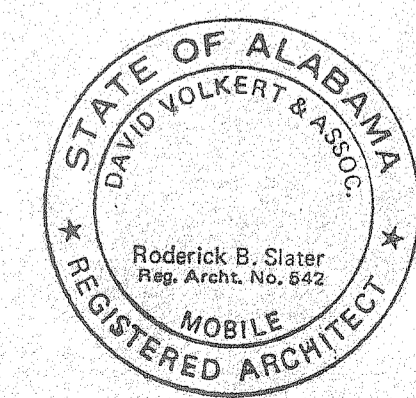
5 EXPANSION JOINT SCALE: 1/2" = 1'-0"



6 EXPANSION JOINT SCALE: 1/2" = 1'-0"



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THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM - END WALL SECTIONS

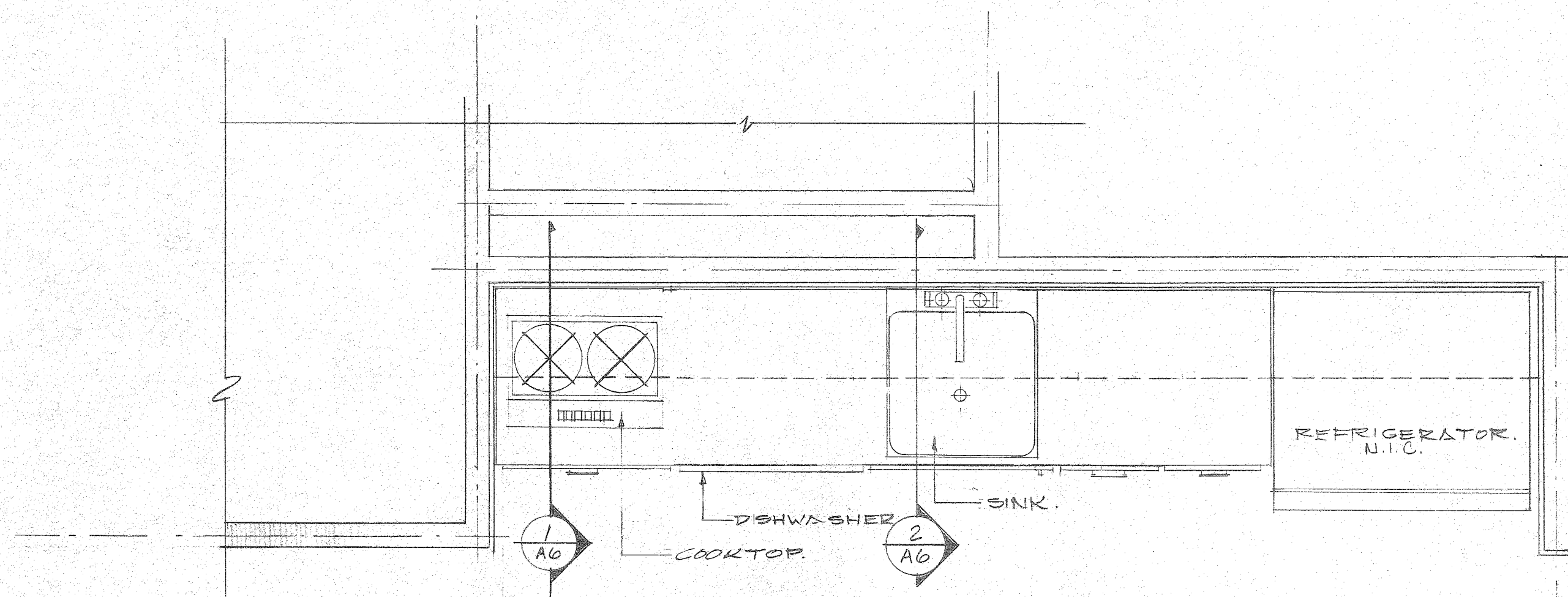
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED N.G.	DETAILED N.G.	TRACED N.G.
CHECKED C.C.H.	CHECKED C.C.H.	CHECKED J.R.M.
DATE 4/28/02		

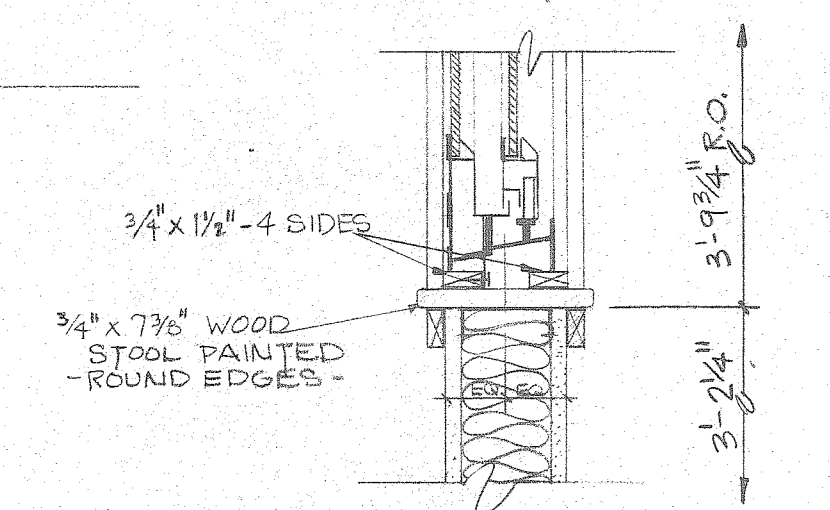
REVISIONS

SPEC. NO.	PROJECT NO.	SHEET NO.
473	242.3B	A-6

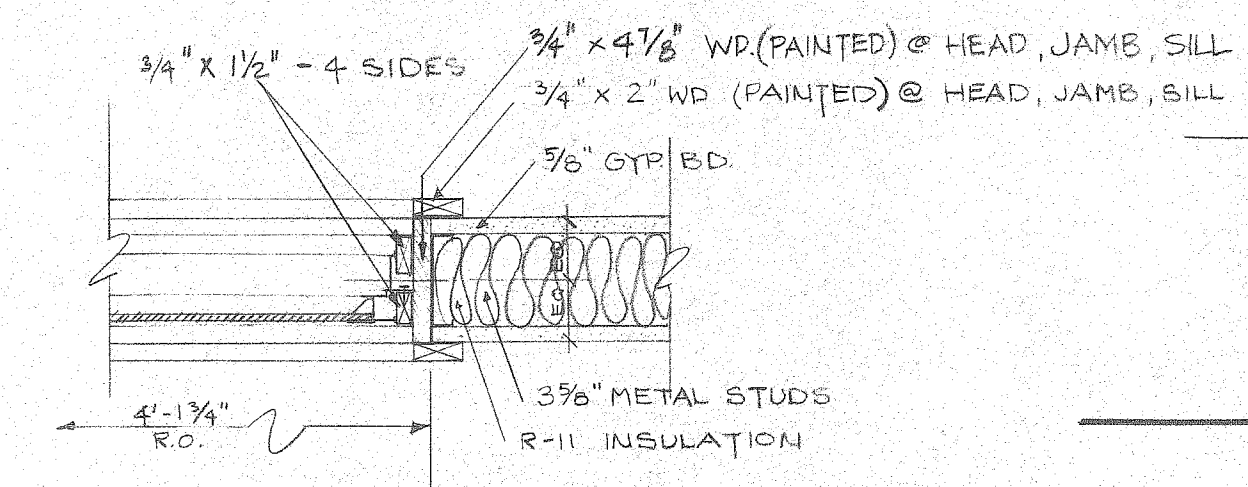
DWG. NO. 10 OF 12



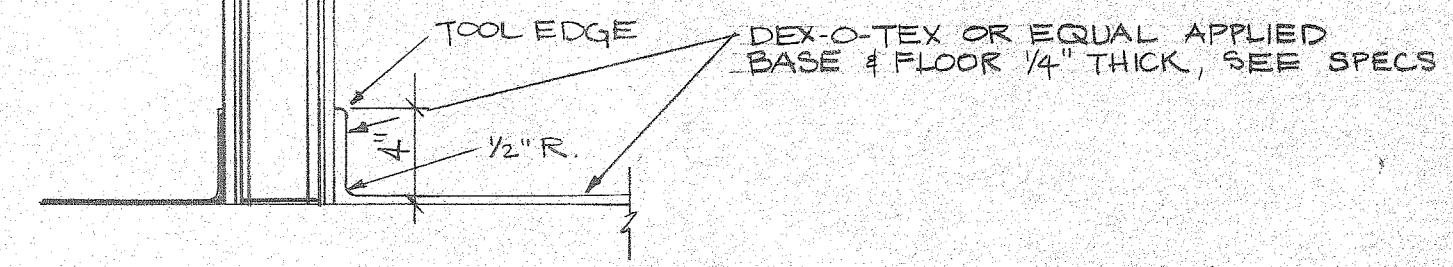
(A) PLAN VIEW OF KITCHENETTE
SCALE: 3/4" = 1'-0"



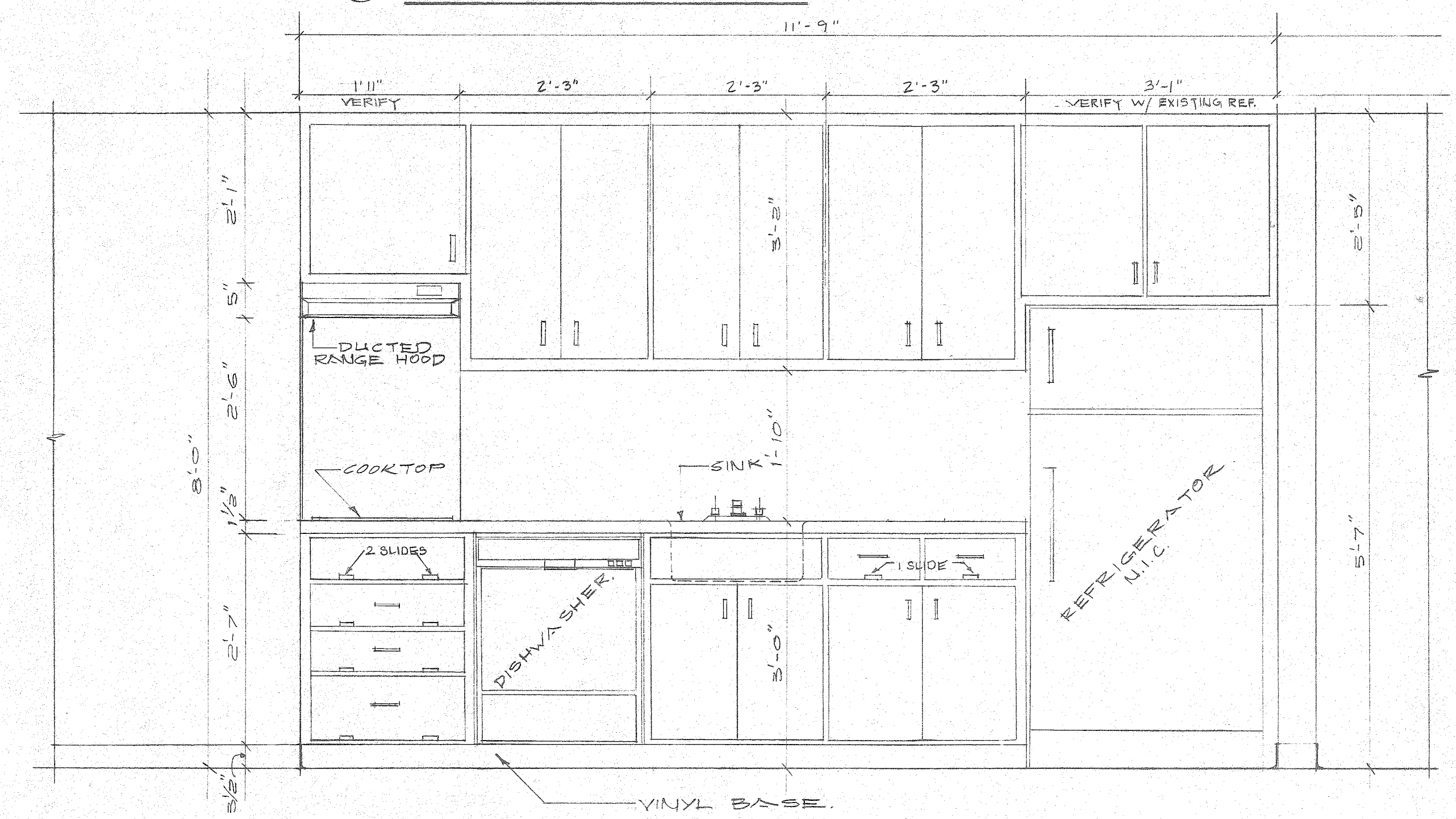
(B) SILL
DETAIL OF PASS WINDOW @ FOREMAN'S OFFICE
SCALE 1 1/2" = 1'-0"



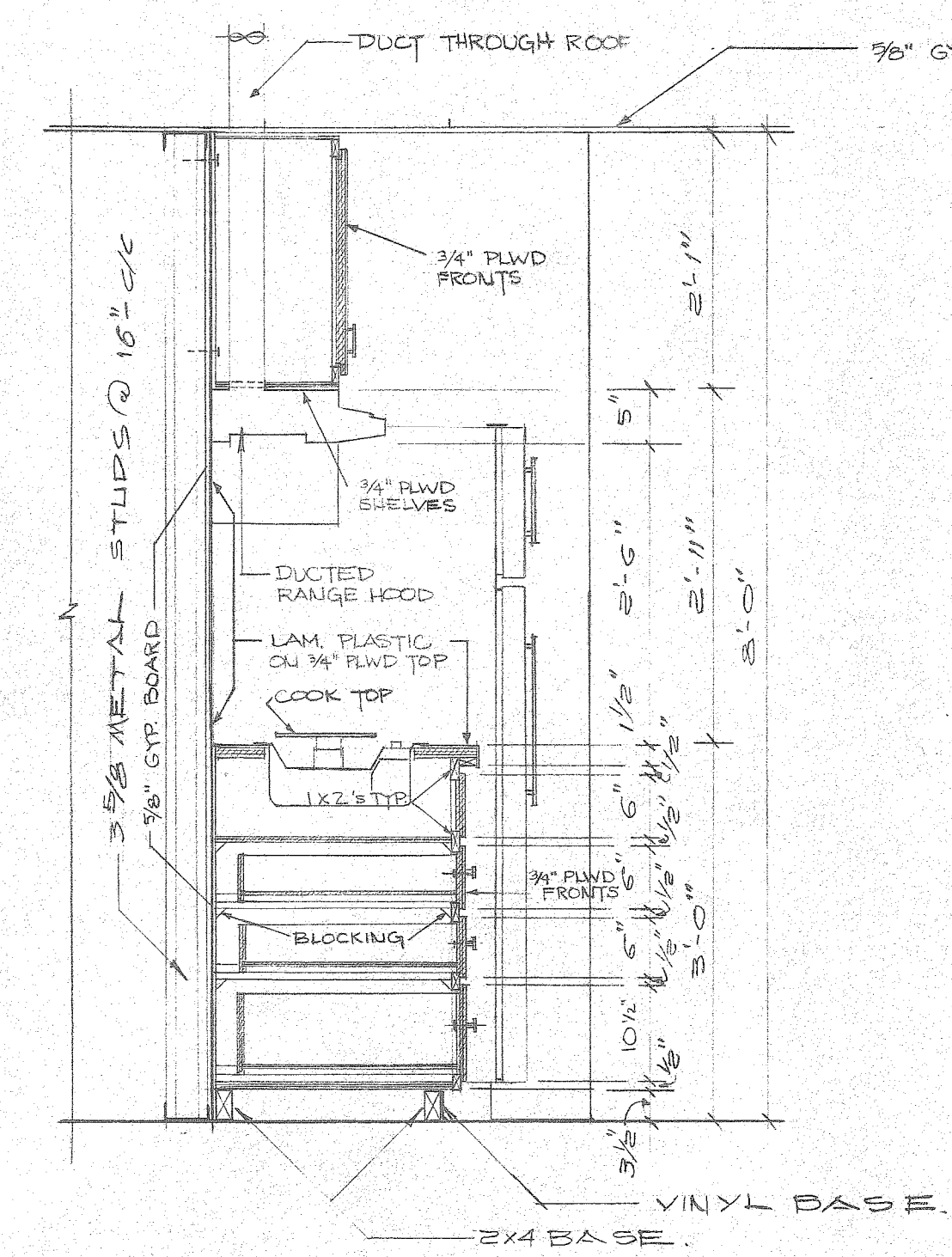
(C) JAMB (HEAD SIMILAR)



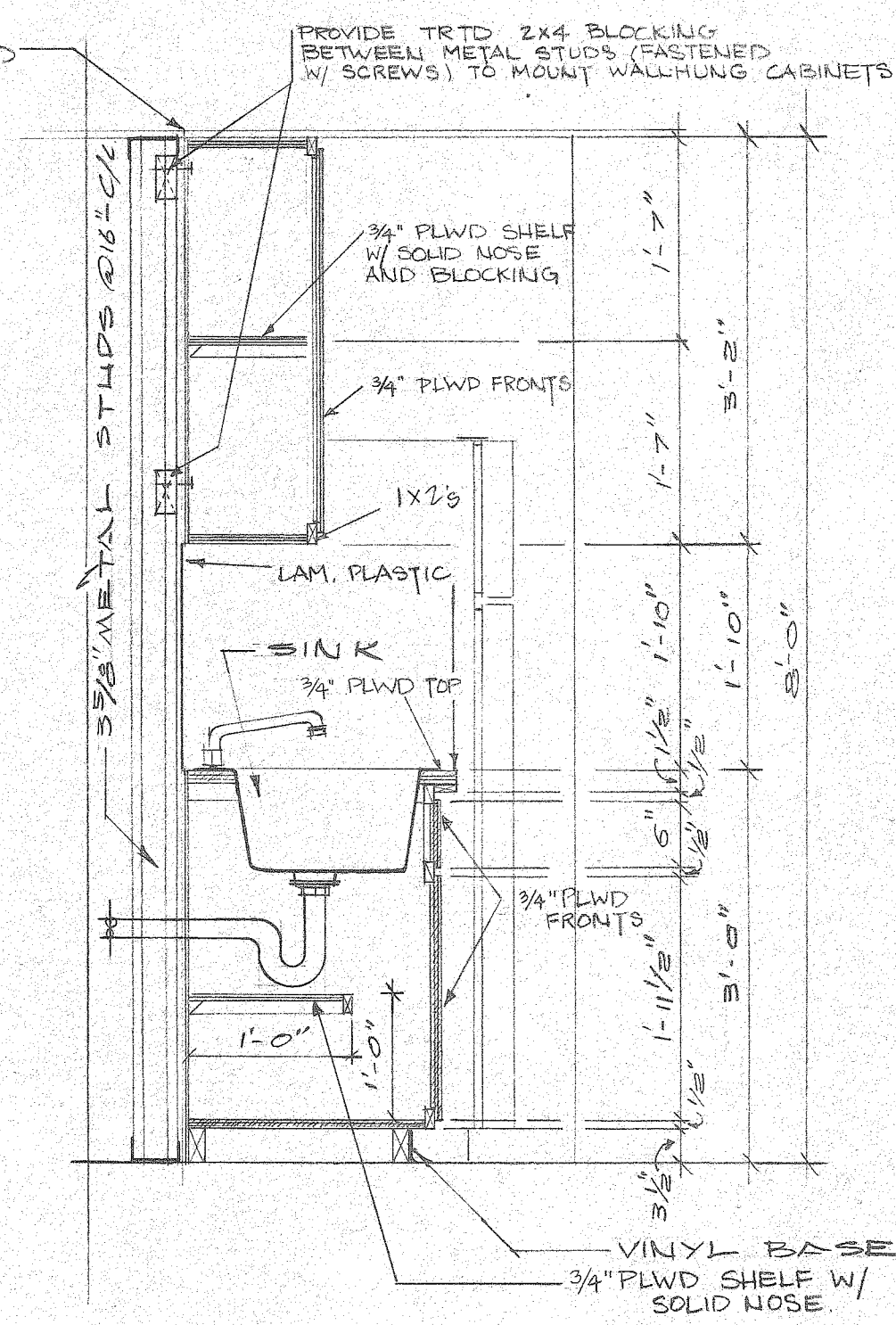
(D) TYPICAL DEX-O-TEX BASE DETAILS
SCALE 1/2" = 1'-0"



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

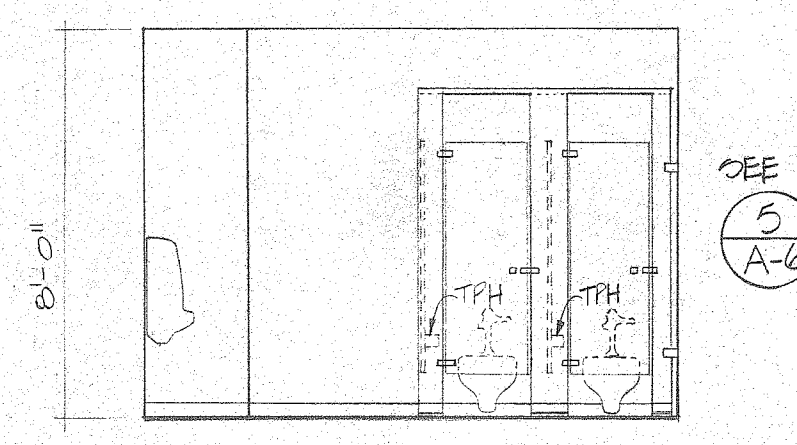


(1) SECTION
SCALE: 3/4" = 1'-0"

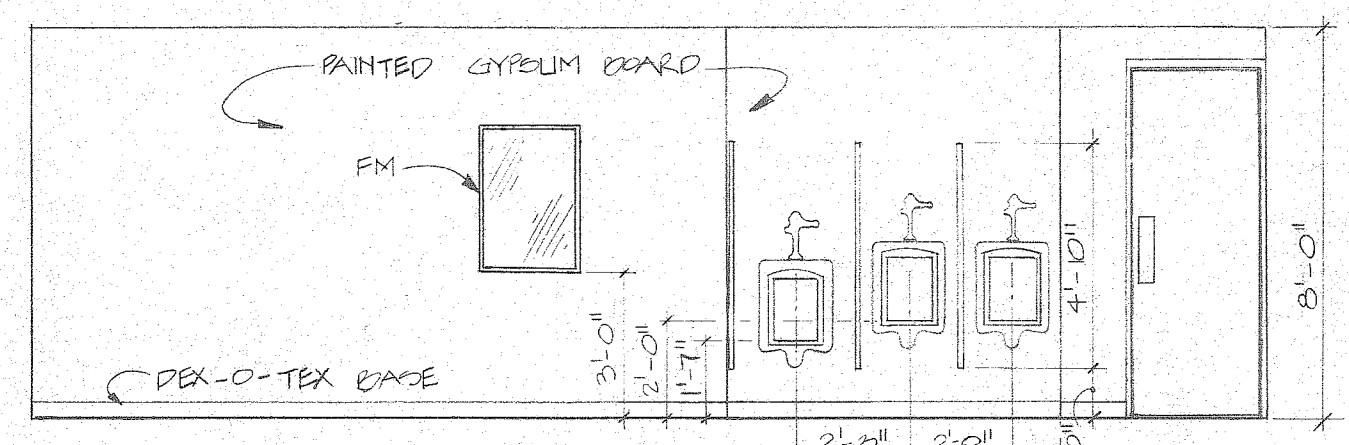


(2) SECTION
SCALE: 3/4" = 1'-0"

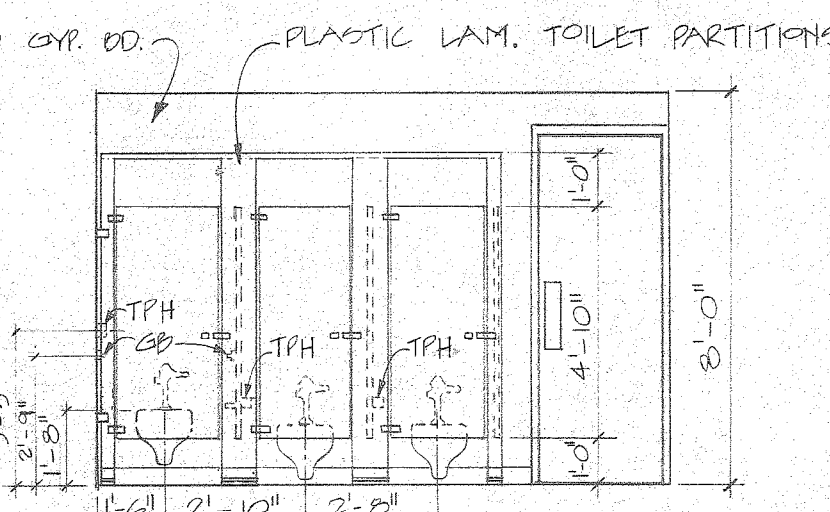
CABINET HARDWARE	
PULLS	STANLEY 4484 US26D
UNDER DRAWER SLIDES	GRANT 308
HINGES (SELF-CLOSING)	321-26 NATIONAL LOCK & HDWR CO.



(3) TOILET ELEVATION
SCALE 1/4" = 1'-0"

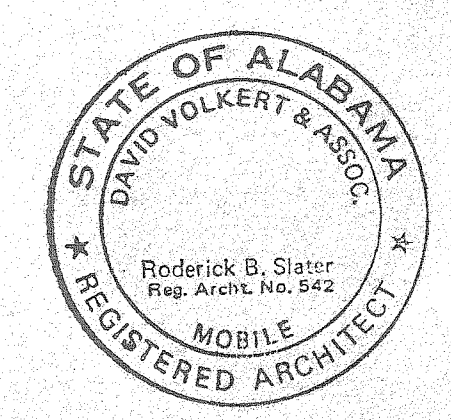


(4) TOILET ELEVATION
SCALE 1/4" = 1'-0"



(5) TOILET ELEVATION
SCALE 1/4" = 1'-0"

REFERENCE ONLY



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McDUFFIE TERMINALS PLANT EXPANSION

SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

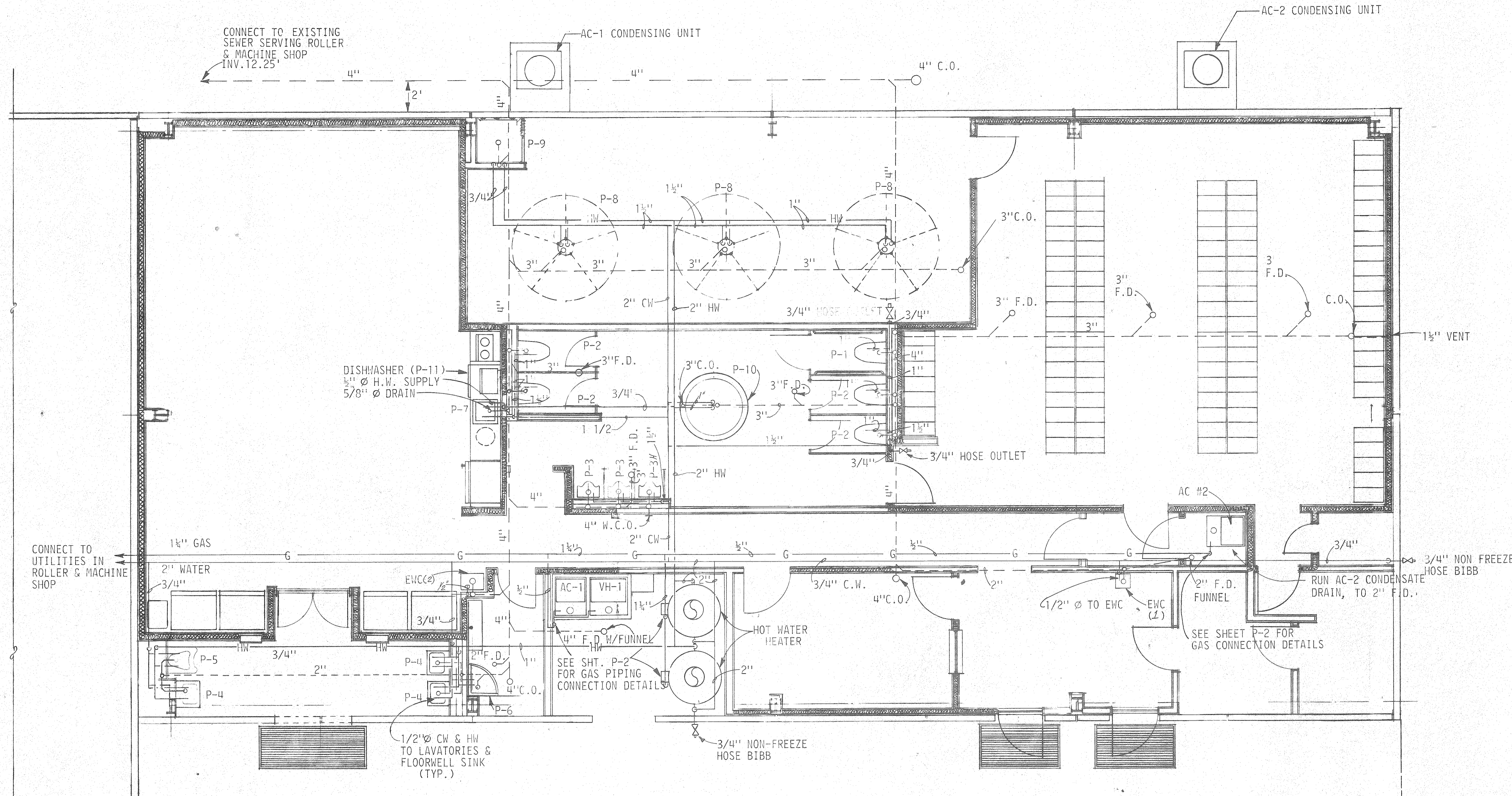
SHOWER & LUNCHROOM - CASEWORK & INT. TOILET ELEVATIONS

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED UG	DETAILED NG	TRACED NG
CHECKED CCH	CHECKED CCH	CHECKED JRM

DATE 4/25/82

NO.	REVISIONS



- LEGEND**
- P-1 HANDICAP WATER CLOSET
 - P-2 WATER CLOSET
 - P-3 URINAL (P-3H FOR HANDICAP)
 - P-4 LAVATORY
 - P-5 HANDICAP LAVATORY
 - P-6 FLOORWELL SINK
 - P-7 KITCHEN SINK
 - P-8 COLUMN SHOWERS
 - P-9 HANDICAPPED SHOWER
 - P-10 WASH FOUNTAIN
 - P-11 DISHWASHER
 - ENC(2) ELECTRIC WATER COOLER
 - ENC (1) ELECTRIC WATER COOLER HANDICAP
 - C.O. CLEAN OUT
 - W.C.O. WALL CLEAN OUT
 - F.D. FLOOR DRAIN
 - PIPE RISER
 - SANITARY SEWER
 - HW— HOT WATER
 - CW— COLD WATER
 - G— GAS
 - GAS COCK

SHOWERS, TOILETS & LUNCHROOM
SCALE: 1/4" = 1'-0"

- NOTES:**
- PIPE BOTH AC-1 CONDENSATE DRAIN AND TEMP & PRESSURE RELIEF VALVES TO 4" FLOOR DRAIN.
 - RUN PIPING DOWN FROM HW & AC TO FLOOR AND RUN PIPING ALONG FLOOR TO FLOOR DRAIN SECURING PIPES TO FLOOR.
 - SLOPE ALL "HORIZONTAL" HOT AND COLD WATER LINES & GAS AT 1"/40 FT. TO LOW POINTS FOR DRAINING.
 - SLOPE ALL SANITARY SEWER LINES 1/8" PER FOOT. (H.W.)

REFERENCE ONLY

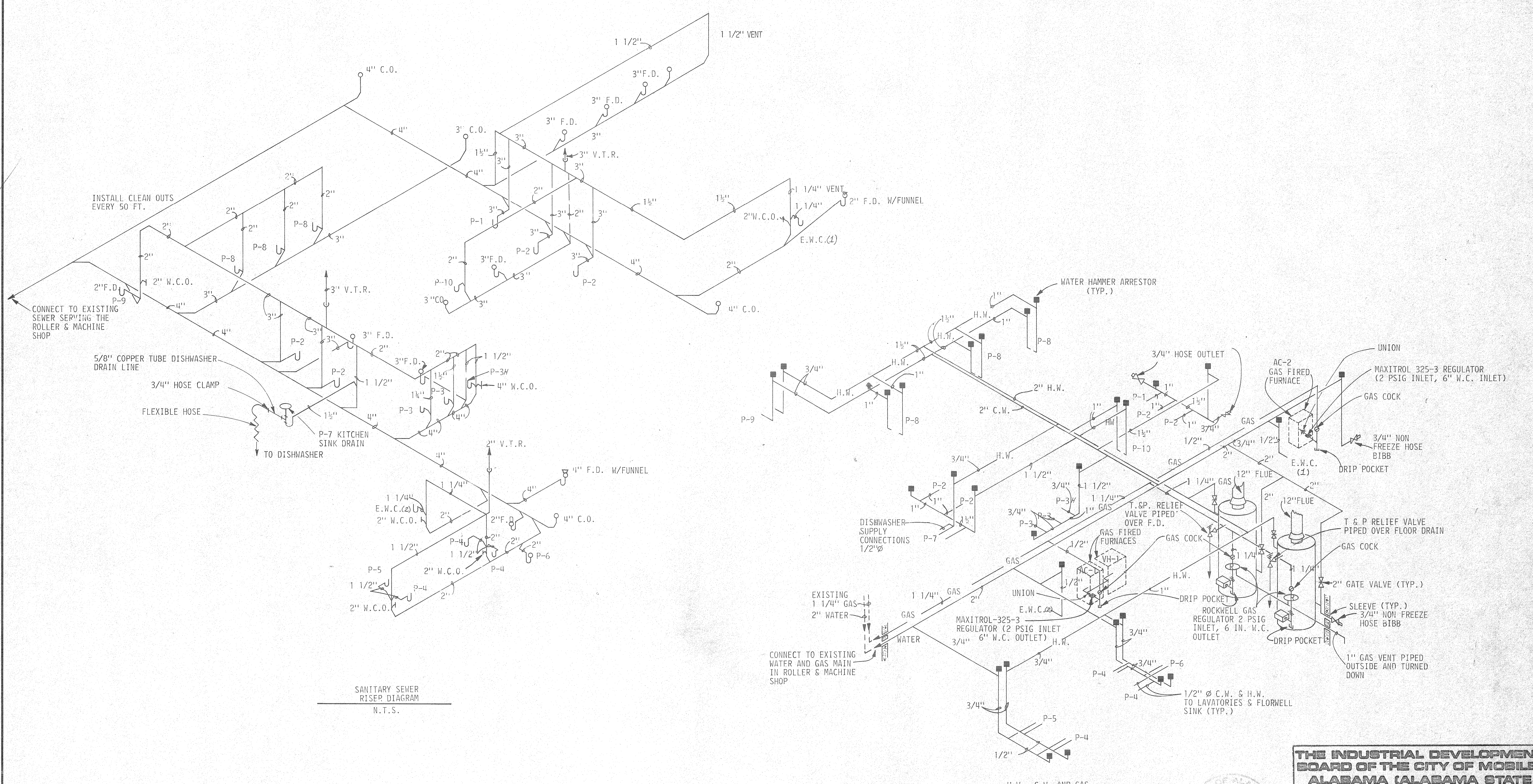
THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP
SHOWER & LUNCHROOM FACILITY PLUMBING PLAN

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED J.N.M.	DETAILED J.N.M.	TRACED M.F.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED J.H.
DATE 4/28/82		

REVISIONS



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THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

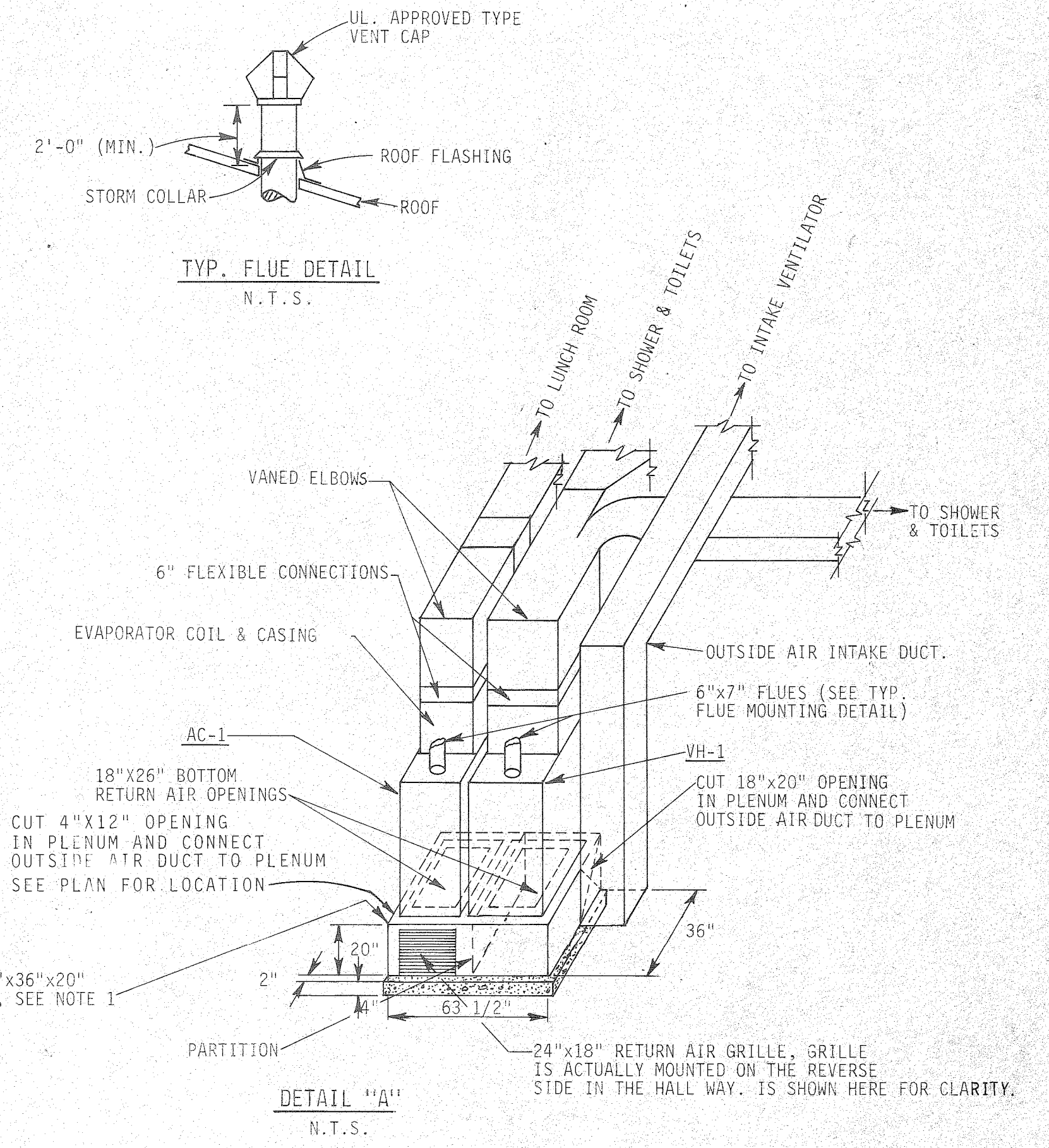
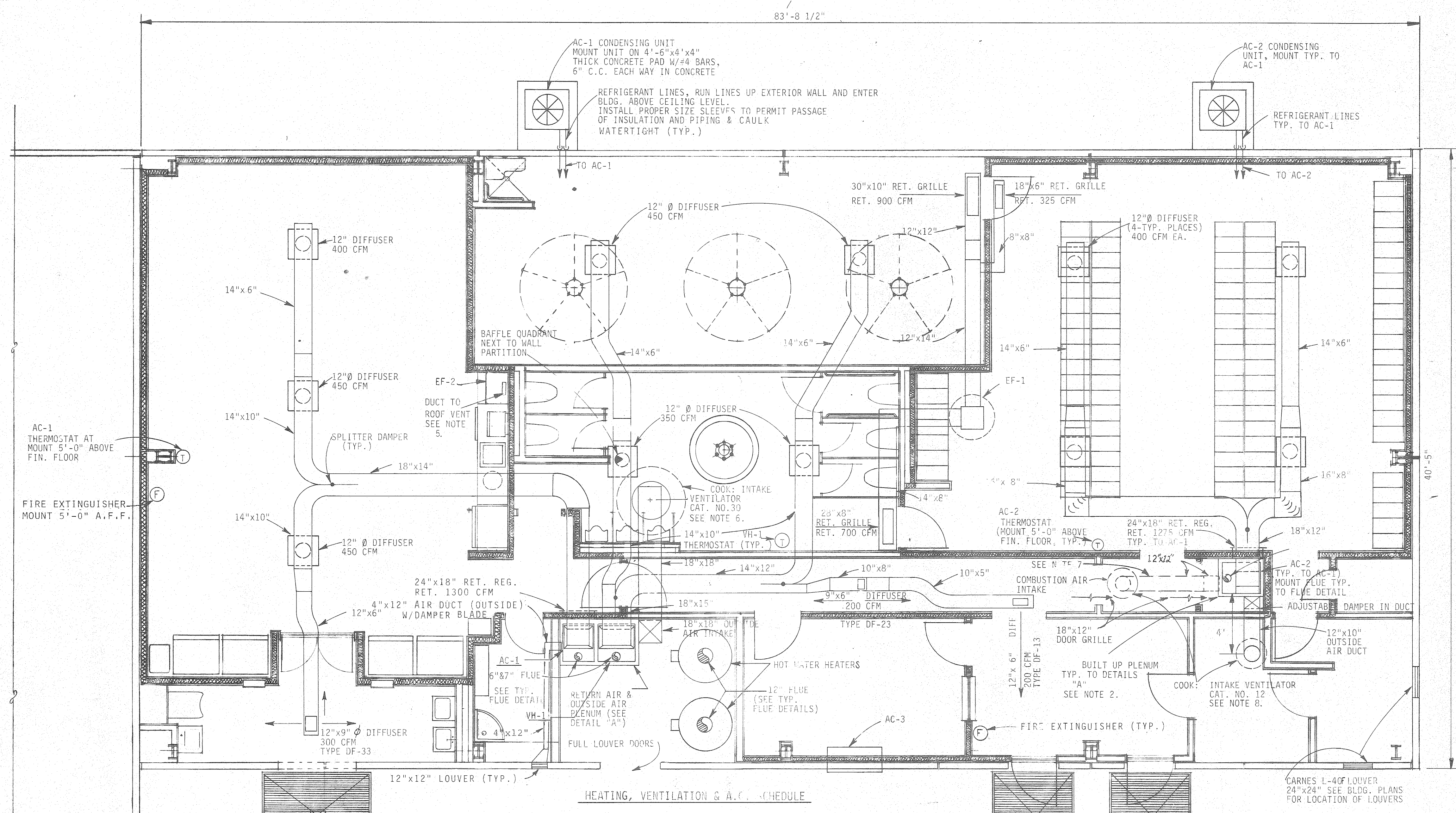
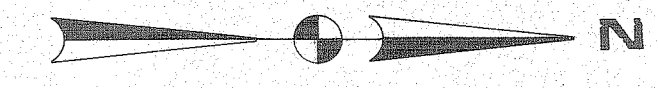
McDUFFIE TERMINALS PLANT EXPANSION
 SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP
 SHOWER & LUNCHROOM FACILITY PLUMBING RISER DIAGRAMS

DAVID VOLKERT & ASSOCIATES
 CONSULTING ENGINEERS

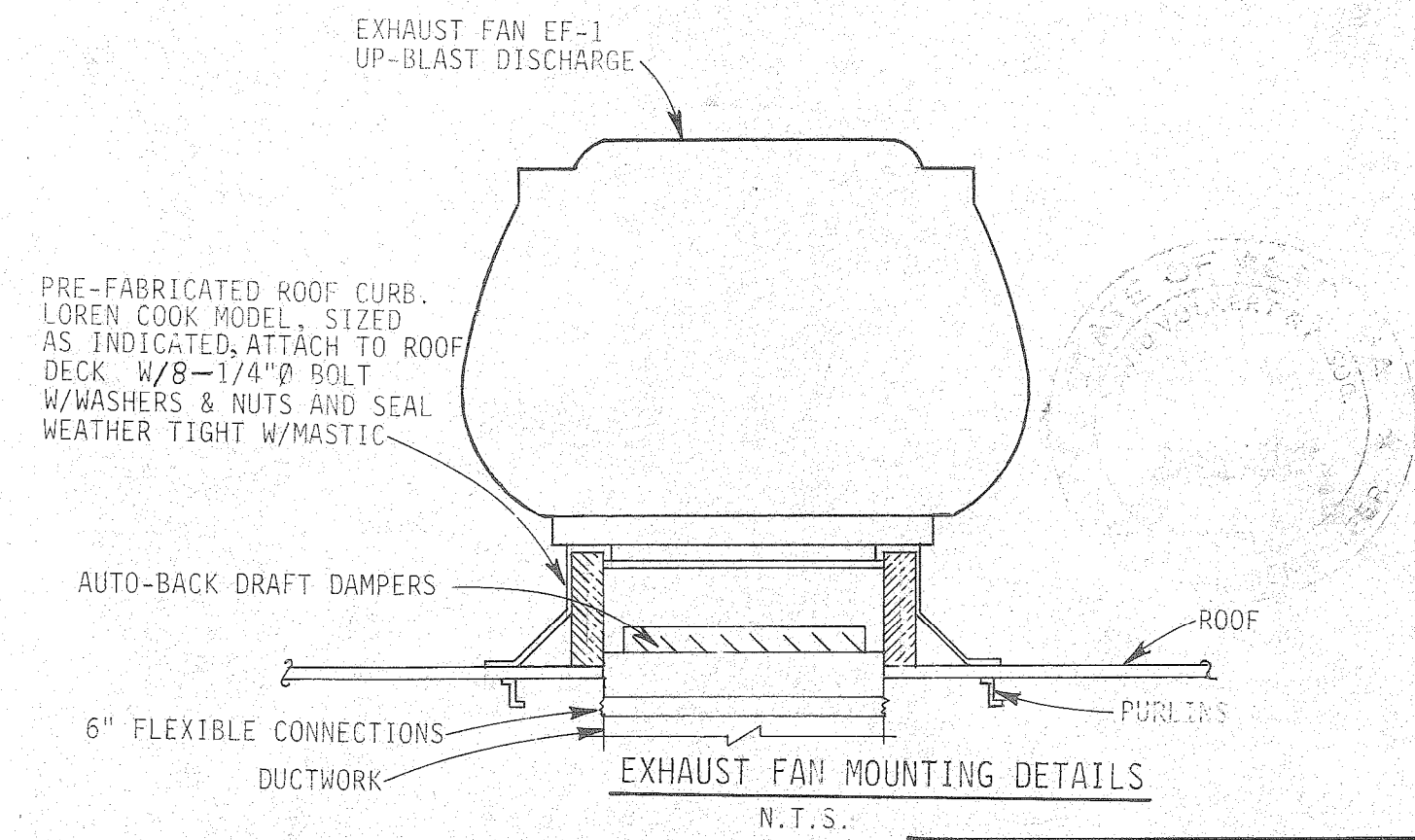
DESIGNED J.N.M.	DETAILED J.N.M.	TRACED D.F.L.
CHECKED D.J.H.	CHECKED D.J.H.	CHECKED D.J.H.
DATE 4/28/80		

REVISIONS





- NOTES:
- AC-1 & VH-1 RETURN AIR & OUTSIDE AIR PLENUM, SIZE 63 1/2" x 36" x 20" PLENUM SHALL BE CONSTRUCTED IN A NEAT WORKMAN LIKE MANNER OF THE SIZE AND DESIGN SPECIFIED ON THE PLANS. PLENUM SHALL BE BUILT OUT OF WELDED 2"x2"x1/4" ANGLE IRON WITH 18 GAUGE SHEET METAL ON ALL SIDES AND PARTITIONS. INTERNALLY LINED WITH 1" THICK FOAM GLASS BY OWENS CORNING. CAULKED SEAMS. PLENUM SHALL BE GIVEN TWO COATS OF RUSTOLEUM MACHINE GRAY ENAMEL AND BE MOUNTED ON 4" HIGH CONCRETE PAD WITH #4 BARS, 6" C.C. EACH WAY. CONCRETE PAD SHALL EXTEND 2" BEYOND EXPOSED SURFACES OF THE PLENUM SIDES.
 - AC-2 RETURN AIR PLENUM, SIZE 36"x30"x20", SHALL BE CONSTRUCTED TYPICAL TO DETAIL "A".
 - AC-1, ADJUST RETURN AIR DAMPER FOR 1400 CFM. ADJUST OUTSIDE AIR DAMPER FOR 200 CFM.
 - AC-2, ADJUST RETURN AIR DAMPER FOR 1275 CFM. ADJUST OUTSIDE AIR DAMPER FOR 325 CFM.
 - ROOF VENT TYPICAL TO FLUE DETAIL.
 - EF-1 MOUNT ON ROOF 18'-0" FROM BLDG. EDGE TO CENTER OF FAN.
 - 12"x12" DUCT OPENS TO CEILING FOR COMBUSTION AIR (NO BACK DRAFT DAMPERS IN VENTILATOR)
 - INTAKE VENTILATORS SHALL BE MOUNTED TYPICAL TO EXHAUST FAN. BACK-DRAFT DAMPERS SHALL BE MOUNTED IN OUTSIDE AIR DUCT TO BLOWER FAN.



AC-1, 2. TRANE UPFLOW GAS FIRED FURNACE, MODEL GUEBA 14, TRANE EVAPORATOR COIL AND CASSETTE, RAUF-B40C, TRANE CONDENSING UNIT MODEL RAUF-B40, OR APPROVED EQUAL. THE COOLING CAPACITY SHALL BE RATED AT 51,000 BTUH AT ARI-CONDITIONS, AND THE HEATING CAPACITY SHALL BE RATED AT 140,000 BTUH OF NATURAL GAS INPUT. UNIT SHALL BE ARRANGED WITH A TIME DELAY RELAY, ANTI-SHORT CYCLE TIMER, A 24 VOLT TWO STAGE THERMOSTAT FOR TWO STAGE HEATING AND ONE STAGE COOLING, ELECTRONIC PILOT IGNITION SYSTEM, 208V, 1-PHASE, 60 HZ POWER. UPFLOW GAS FIRED FURNACE FAN SHALL DELIVER 1600 CFM AT .6 IN W.C. (EXTERNAL STATIC PRESSURE WHICH INCLUDES .4 IN W.C. DROP ACROSS COILS, LOADED FILTER AND .2 IN W.C. DROP ACROSS DUCTWORK) CONDENSING UNIT SHALL HAVE (SEER) EFFICIENCY RATING OF 9.95 OR APPROVED SEER.

AC-3. GENERAL ELECTRIC ZONELINE III HEAT PUMP OR APPROVED EQUAL WALL MOUNTED PACKAGE UNIT, ELECTRIC COOLING WITH REVERSE CYCLE HEATING AND RESISTANCE ELECTRIC HEAT (1.65 KW. EACH), 208 V, 1 PHASE, 60 HZ POWER. UNIT SHALL BE G.E. ZONELINE III MODEL A2B388 AND SHALL HAVE: COOLING LOAD - 6800 BTUH HEATING LOAD - 6300 BTUH O.A. - 50 CFM

VENTILATION HEATER VH-1. TRANE UP FLOW GAS FIRED FURNACE MODEL GUEBA-17A OR APPROVED EQUAL. UNIT SHALL HAVE A HEATING INPUT RATING OF 165,000 BTUH OF NATURAL GAS. UNIT SHALL BE ARRANGED WITH ELECTRONIC IGNITION SYSTEM, 24 VOLTS, TWO STAGE THERMOSTAT FOR TWO STAGE HEATING, 208 V, 1 PHASE, 60 HZ POWER. FURNACE FAN SHALL BE CAPABLE OF DELIVERING 2000 CFM AT .3 W.C. (EXTERNAL STATIC PRESSURE TO THE UNIT, INCLUDES OUTSIDE MAKE-UP AIR DUCT, LOADED FILTER), 100% OUTSIDE AIR.

EXHAUST FAN BY LOREN COOK, UP BLAST VENTILATOR MODEL 19UR3B OR APPROVED EQUAL, 1974 CFM @ 1/8" S.P., 1/4 HP, 115 V, 1 PHASE, 60 HZ, PRE-FAB ROOF CURB WITH AUTO-BACK DRAFT DAMPER.

KITCHEN RANGE HOODS BY BROAN MODEL NO. 402401, 160 CFM @ 1/8" S.P. WITH AUTO-BACKDRAFT DAMPER 115, V, 60 HZ, 1-PHASE POWER.

PLAN AIR DISTRIBUTION
SHOWERS, TOILETS & LUNCHROOM
SCALE: 1/4"=1'-0"

REFERENCE ONLY

THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

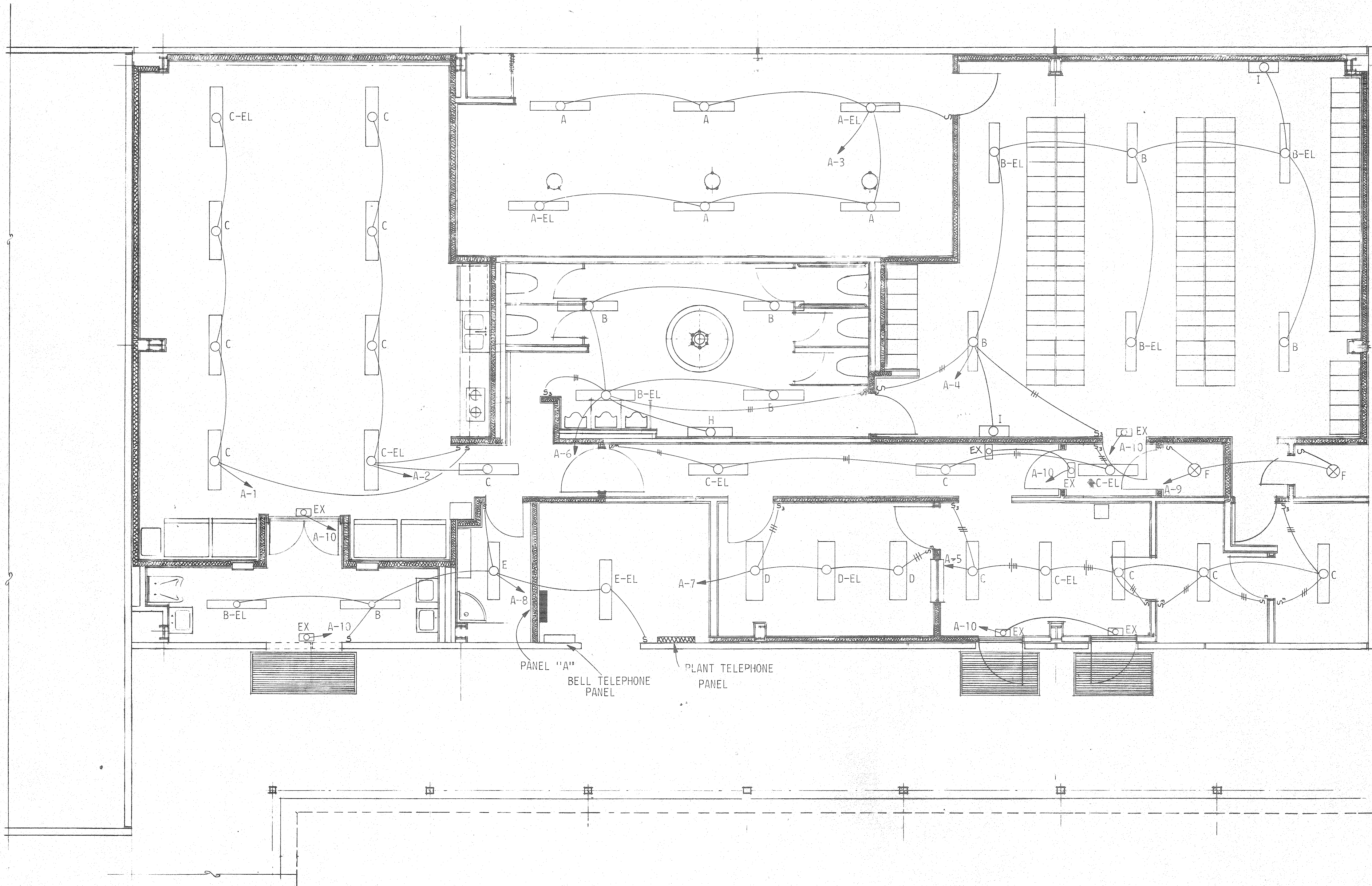
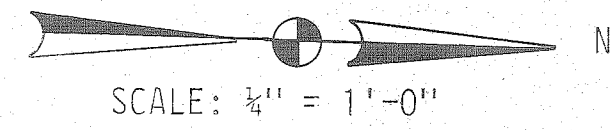
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM FACILITY PLAN AIR DISTRIBUTION

DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED	J.N.M.	DETAILED	J.N.M.	TRACED	M.F.L.
CHECKED	D.J.H.	CHECKED	D.J.H.	CHECKED	D.J.H.
DATE 4/28/82					

REVISIONS

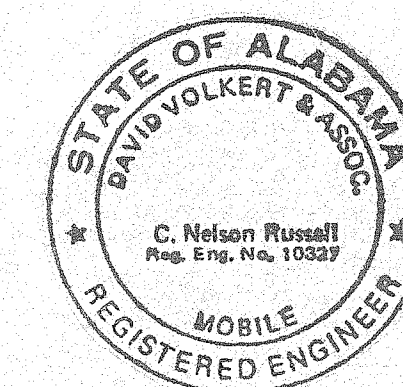


LIGHTING FIXTURE SCHEDULE						
MARK	MANUFACTURER	CATALOG NO.	LAMPS		MOUNTING	REMARKS
			NO.	TYPE		
A	LITHONIA	DVL 240A-120	2	F40/RS MATTMISER	SURFACE	
A-EL	LITHONIA	DVL 240A-120	2	F40/RS MATTMISER	SURFACE	EMERGENCY LIGHT FIXTURE
B	LITHONIA	DLL 240A-120	2	F40/RS MATTMISER	SURFACE	
B-EL	LITHONIA	DLL 240A-120	2	F40/RS MATTMISER	SURFACE	EMERGENCY LIGHT FIXTURE
C	LITHONIA	LB-240A-120	2	F40/RS MATTMISER	SURFACE	
C-EL	LITHONIA	LB-240A-120	2	F40/RS MATTMISER	SURFACE	EMERGENCY LIGHT FIXTURE
D	LITHONIA	LB-440A-120	2	F40/RS MATTMISER	SURFACE	
D-EL	LITHONIA	LB-440A-120	4	F40/RS MATTMISER	SURFACE	EMERGENCY LIGHT FIXTURE
E	LITHONIA	EJ-240A-120	2	F40/RS MATTMISER	SURFACE	
E-EL	LITHONIA	EJ-240A-120	2	F40/RS MATTMISER	SURFACE	EMERGENCY LIGHT FIXTURE
F	LEVITON	9874	1	100W/A19	SURFACE	
EX	LITHONIA	ESIR-EL	2	20W/120	SURFACE	WITH 6V EMERGENCY
H	ART METAL	W-1241-A	2	40W/A19	ABOVE MIRROR	W/RECEPTACLE
I	ART METAL	W-1221-A	2	20W/A19	ABOVE MIRROR	W/RECEPTACLE

NOTES:

- SEE SHEET E-3 FOR CANOPY LIGHTING PLAN.
- SEE SHEET E-4 FOR SCHEDULES AND LEGEND OF THIS BUILDING.

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

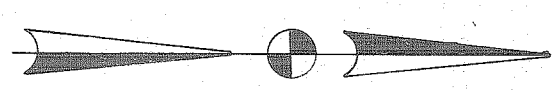
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

POWER & LUNCHROOM FACILITY LIGHTING PLAN

DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

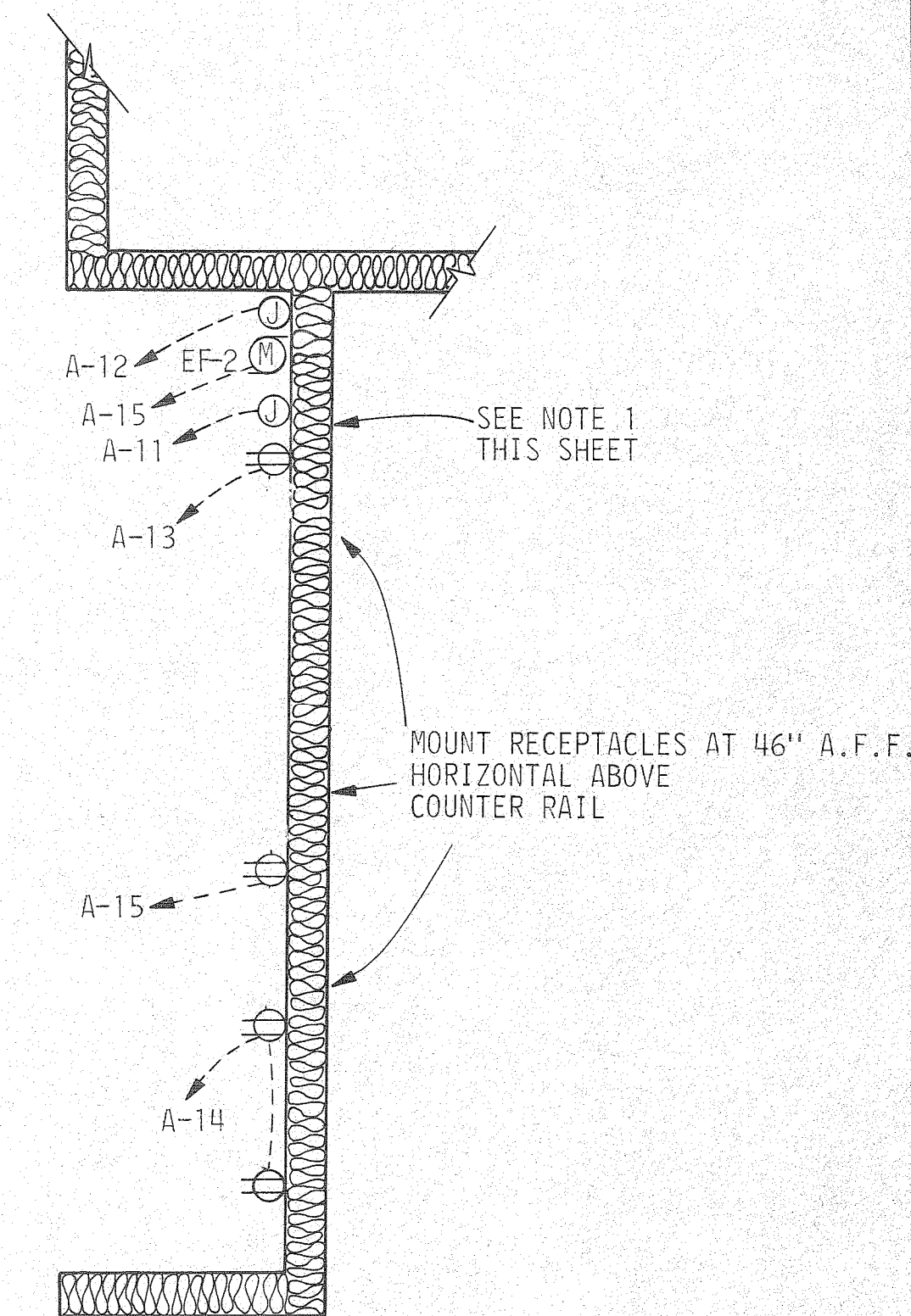
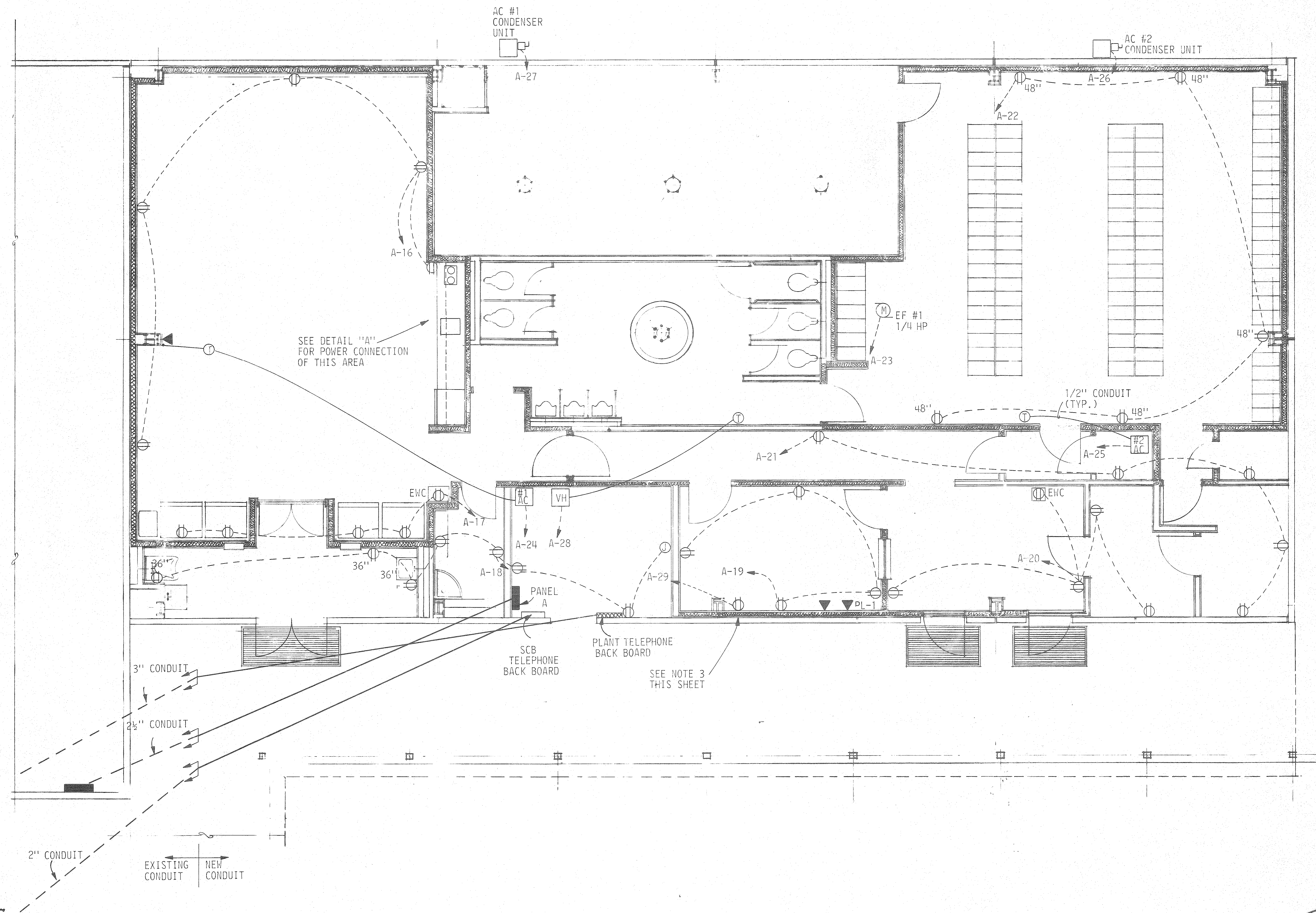
DESIGNED	N.C.A.	DETAILED	R.A.B.	TRACED	R.A.B.
CHECKED	C.N.R.	CHECKED	N.C.A.	CHECKED	N.C.A.
DATE		4/28/82			

REVISIONS



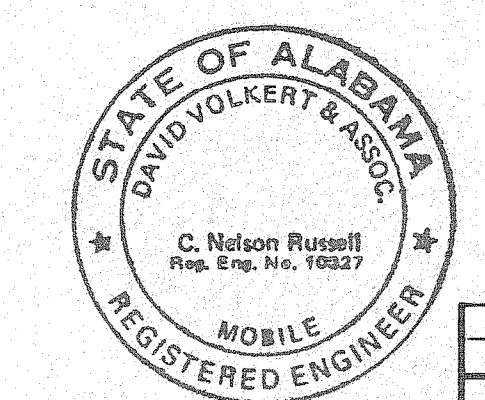
NOTES:

1. EXACT LOCATIONS OF RECEPTACLES AND JUNCTION BOX SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
2. ALL UNDERGROUND TELEPHONE CONDUIT SHALL BE RIGID GALVANIZED COATED WITH TWO (2) COATS OF ASPHALTUM PRIOR TO INSTALLATION.
3. A/C #3 RECEPTACLE SHALL BE COORDINATED WITH A/C UNIT AND SHALL BE INSTALLED 6" BELOW A/C BLOCKOUT.



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

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

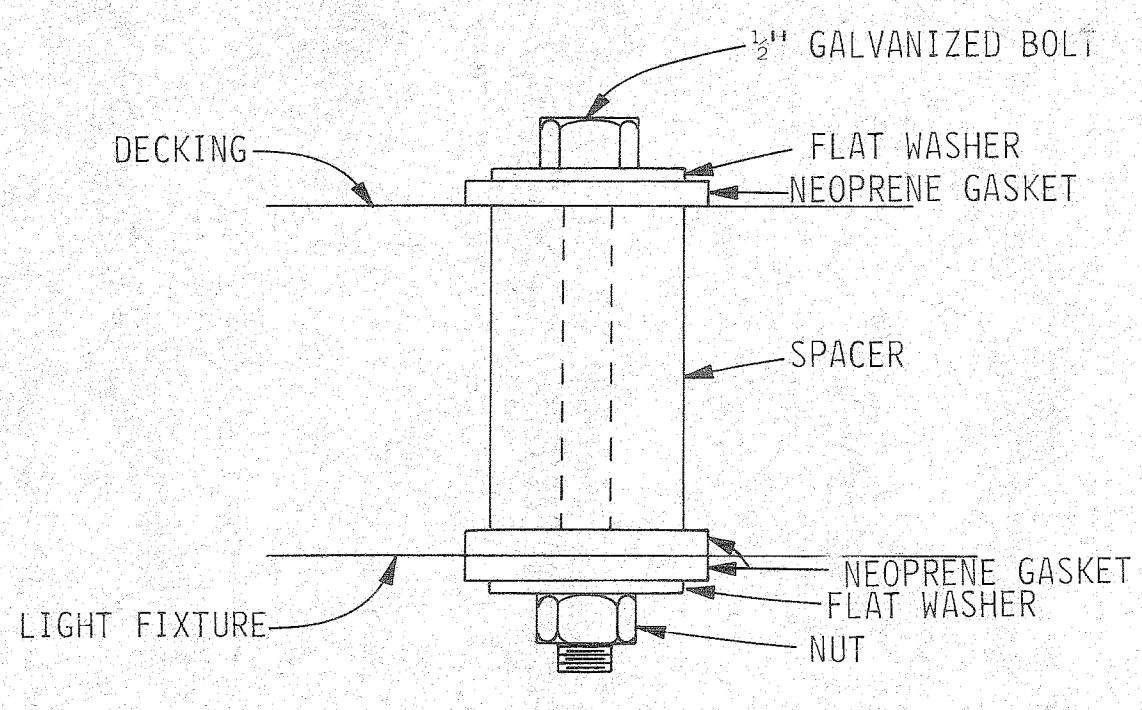
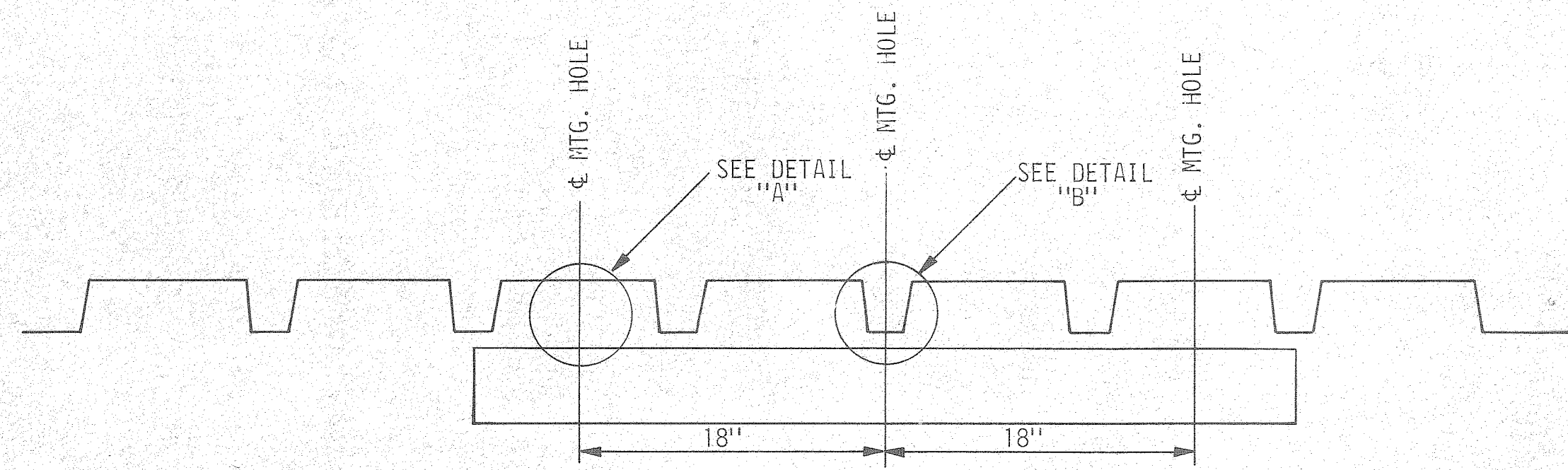
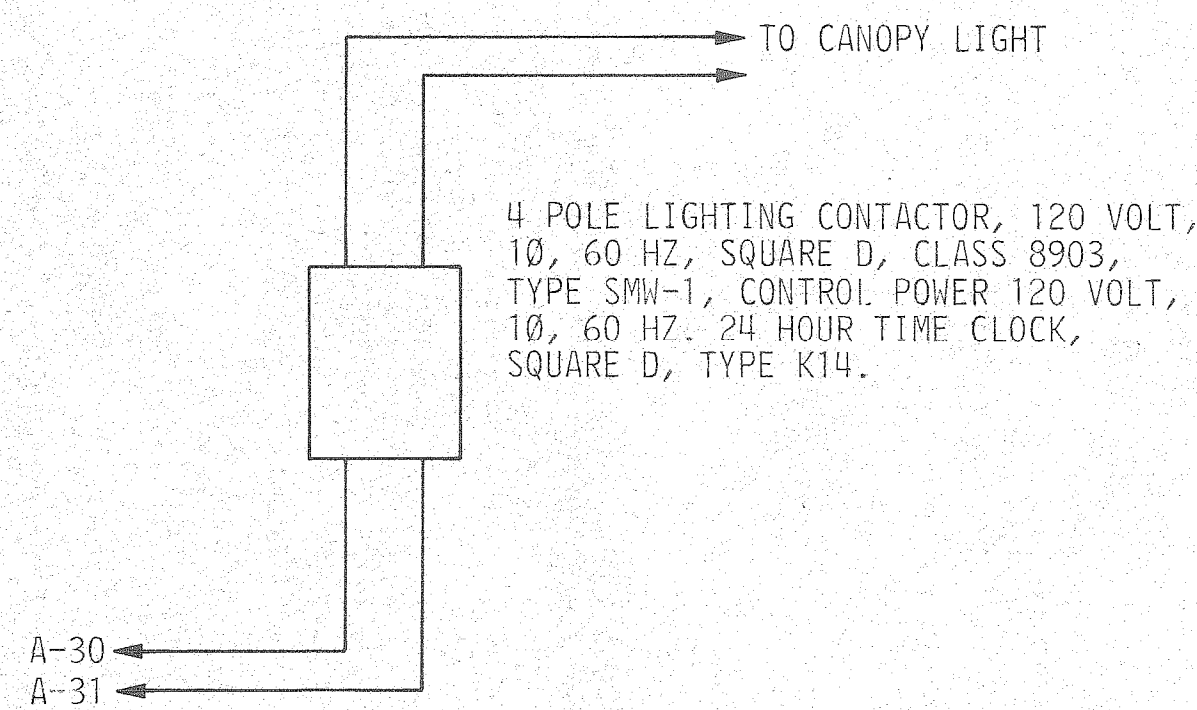
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM FACILITY POWER PLAN

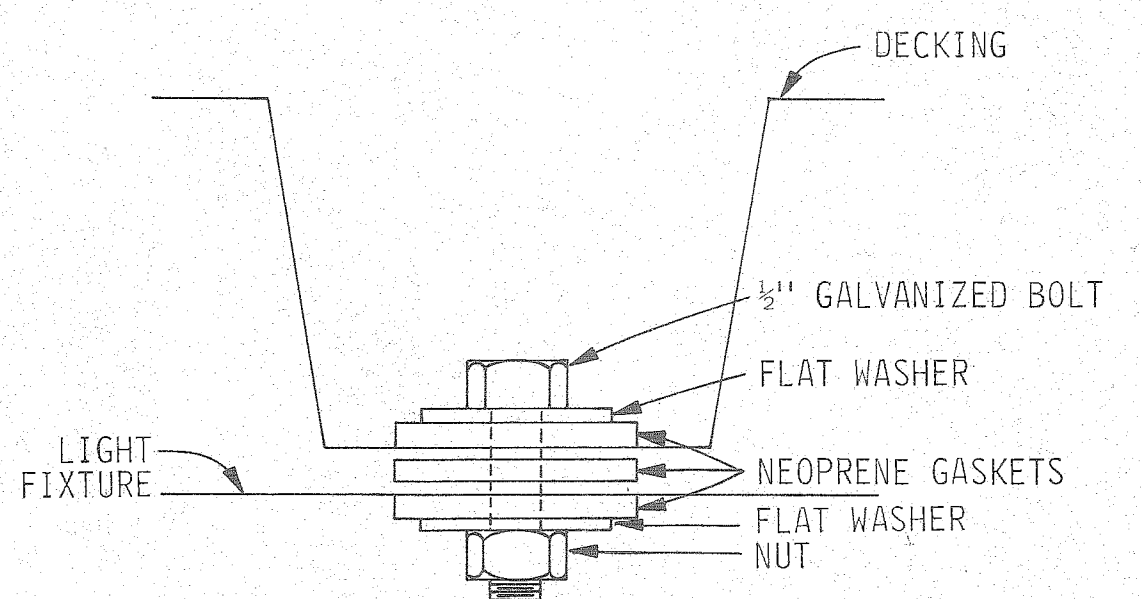
DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

DESIGNED	N.C.A.	DETAILED	R.A.B.	TRACED	R.A.B.
CHECKED	C.N.R.	CHECKED		CHECKED	
DATE	4/28/82				

NO.	REVISIONS	DATE

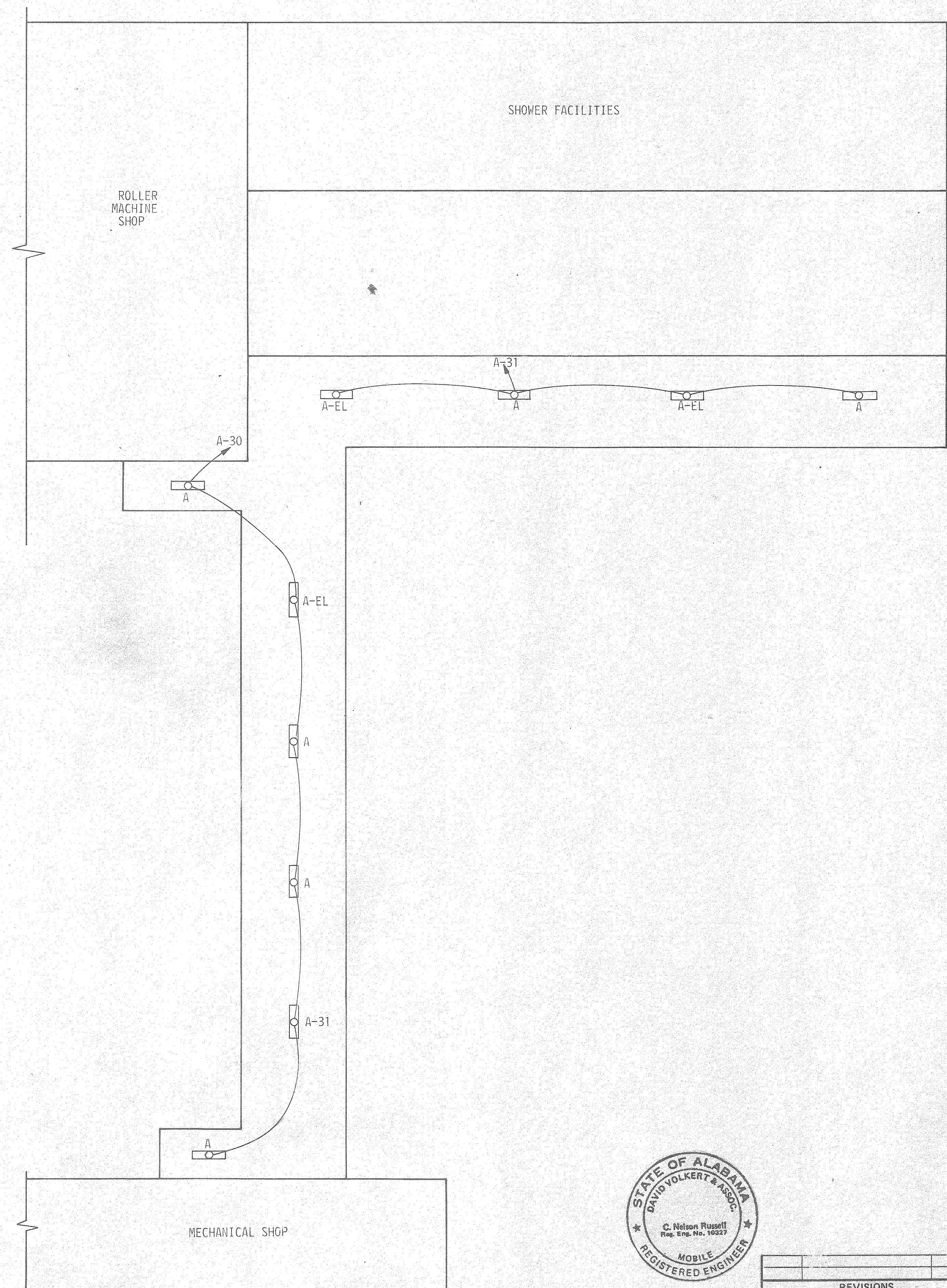


DETAIL "A"
SCALE: NONE

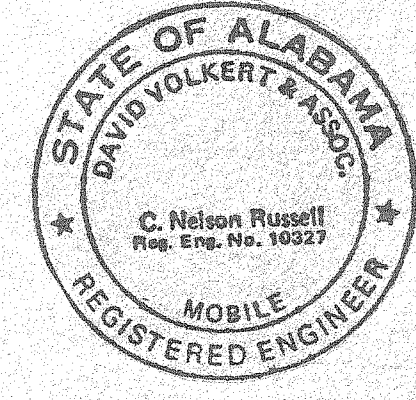


DETAIL "B"
SCALE: NONE

LIGHT FIXTURE MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"



REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION
SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

SHOWER & LUNCHROOM FACILITY CANOPY LIGHTING PLAN
DAVID VOLKERT & ASSOCIATES
CONSULTING ENGINEERS

DESIGNED	N.C.A.	DETAILED	R.A.B.	TRACED	R.A.B.
CHECKED	C.N.R.	CHECKED	N.C.A.	CHECKED	N.C.A.

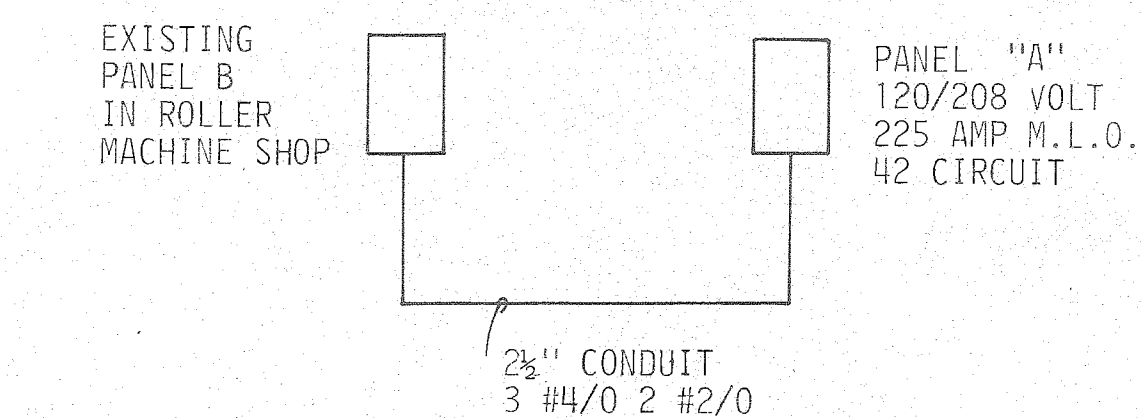
DATE 4/28/82

SCHEDULE PANEL A									
PANEL: SQUARE D NQOB			SERVICE: 120/208V 3Ø 4W SN			FEEDER: 3 #4/0 1 #2/0 MAIN: 225 M.L.O.			
CRT. NO.	C.B. RTG.	NO. POLES	CONDUIT SIZE	WIRE SIZE	EQUIPMENT	LOCATION	LOAD PHASE A	LOAD PHASE B	LOAD PHASE C
1	20	1	3/4"	12	LIGHTS	BREAKROOM	400		
2	20	1	3/4"	12	LIGHTS	BREAKROOM		500	
3	20	1	3/4"	12	LIGHTS	SHOWER ROOM			600
4	20	1	3/4"	12	LIGHTS	LOCKER ROOM	630		
5	20	1	3/4"	12	LIGHTS	ENTRANCE HALL DIRTY & CLEAN UNIFORM STORAGE		500	
6	20	1	3/4"	12	LIGHTS	TOILETS			480
7	20	1	3/4"	12	LIGHTS	SHIFT FOREMANS OFFICE	600		
8	20	1	3/4"	12	LIGHTS	JANITORY, ENTRANCE & MECH. ROOM		400	
9	20	1	3/4"	12	LIGHTS	STORAGE ROOMS			200
10	20	1	3/4"	12	EXIT LIGHTS	INDICATED			200
11	20	1	3/4"	12	DISHWASHER	BREAKROOM	1475		
12	20	2	3/4"	12	HOTPLATES	BREAKROOM	700	700	
13	20	1	3/4"	12	MICROWAVE OVEN	BREAKROOM		1250	
14	20	1	3/4"	12	REFRIGERATOR	BREAKROOM			1000
15	20	1	3/4"	12	RECEPTACLES 4 RANGE HOOD	ABOVE BREAKROOM COUNTER	1000		
16	20	1	3/4"	12	RECEPTACLES	BREAKROOM WALLS		1000	
17	20	1	3/4"	12	RECEPTACLES	VENDING MACHINE & E.W.C.			1000
18	20	1	3/4"	12	RECEPTACLES	ENTRANCE & JANITOR & MECH. ROOM	1000		
19	20	1	3/4"	12	RECEPTACLES	SHIFT FOREMAN OFFICE		1000	
20	20	1	3/4"	12	RECEPTACLES	ENTRANCE HALL & CLEAN UNIFORMS			1000
21	20	1	3/4"	12	RECEPTACLES	CORRIDOR & STORAGE ROOMS	1000		
22	20	1	3/4"	12	RECEPTACLES	LOCKERROOM		1000	
23	20	1	3/4"	12	EXHAUST FAN	INDICATED			600
24	20	1	3/4"	12	AIRCONDITION FAN UNIT #1	MECH. ROOM	900		
25	20	1	3/4"	12	AIRCONDITION FAN UNIT #2	STORAGE		900	
26	40	2	3/4"	8	AC #2 CONDENSOR UNIT	INDICATED		3300	3300
27	40	2	3/4"	8	AC #1 CONDENSOR UNIT	INDICATED	3300		3300
28	40	1	3/4"	12	VENTILATION UNIT	MECH. ROOM		900	
29	20	2	3/4"	12	AIRCONDITION #3	SHIFT FOREMAN OFFICE		1500	1500
30	20	1	3/4"	12	CANOPY LIGHTS	CANOPY	700		
31	20	1	3/4"	12	CANOPY LIGHTS	CANOPY		600	
32	20	1	3/4"	12	EMERGENCY LIGHTS	INDICATED	420		
33	20	2			SPARE				
34	20	1			SPARE				
							12175	13550	13180
							38905		38485

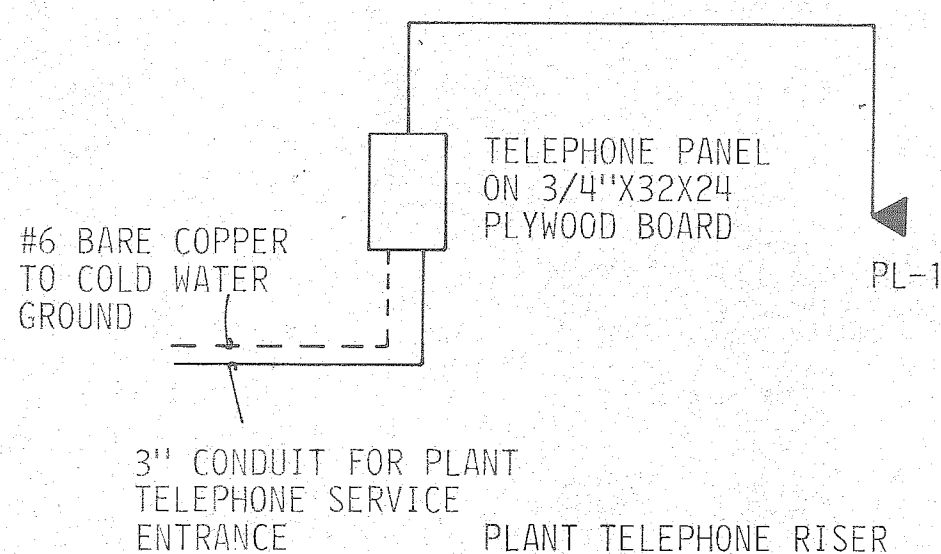
$$I = \frac{38905}{\sqrt{3} \times 208 \times 0.9} = 120 \text{ AMP}$$

NOTE: 35-42 SPACES

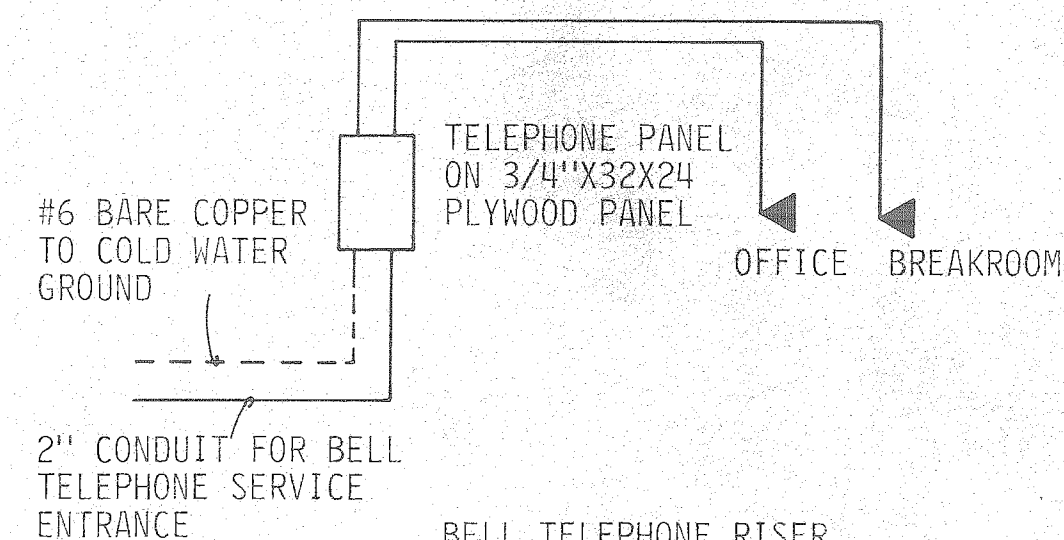
SHOWER FACILITIES LEGEND



POWER RISER
SCALE: NONE



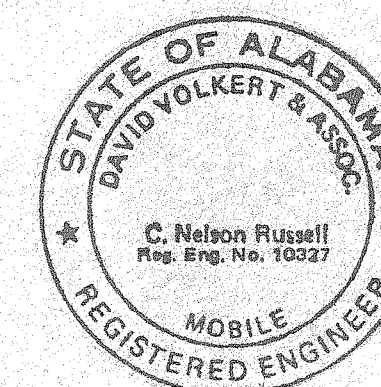
PLANT TELEPHONE RISER
SCALE: NONE



BELL TELEPHONE RISER
SCALE: NONE

- ELECTRICAL PANEL - SURFACE MOUNTED
- CONDUIT CONCEALED IN WALL OR CEILING, ARROWS INDICATE HOMERUNS, HASHMARKS DENOTE NUMBER OF CONDUCTORS. ABSENCE OF HASHMARKS INDICATE TWO CONDUCTORS.
- CONDUIT IN OR BELOW SLAB, SAME NOTATIONS AS ABOVE
- FLUORESCENT LIGHT FIXTURE, LETTER DENOTES TYPE, SEE LIGHTING FIXTURE SCHEDULE.
- EXIT LIGHT FIXTURE, LETTER DENOTES TYPE, SEE LIGHTING FIXTURE SCHEDULE.
- INCANDESCENT LIGHT FIXTURE, LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE.
- 20A-250V GROUNDING TYPE DUPLEX RECEPTACLE, HUBBELL 5262-1, SURFACE MOUNTED 18" A.F.F. UNLESS NOTED.
- 20A-250V GROUNDING TYPE DUPLEX RECEPTACLE WITH HINGED LEFT PLATE, HUBBELL 5262-1 SURFACE MOUNTED 18" A.F.F. UNLESS NOTED.
- SINGLE RECEPTACLE FOR ELECTRICAL WATER COOLER. CONCEAL BEHIND UNIT. SURFACE MOUNTED. CHECK SHOP DRAWINGS FOR ROUGH IN LOCATIONS. HUBBELL 5361-1.
- JUNCTION OUTLET RECESSED MOUNTED, CHECK SHOP DRAWING FOR ROUGH-IN LOCATIONS AND MOUNTING HEIGHT.
- ELECTRIC MOTOR - SUBSCRIPT NO. INDICATES HORSEPOWER
- 20A-1P-120/277V. TOGGLE SWITCH, HUBBELL 1221-1, FLUSH MOUNTED 52" A.F.F. UNLESS NOTED.
- 20A-3P-120/277V. THREE-WAY TOGGLE SWITCH, HUBBELL 1213-1, FLUSH MOUNTED 52" A.F.F. UNLESS NOTED.
- TELEPHONE OUTLET (SOUTH CENTRAL BELL) (18" A.F.F.)
- PLANT TELEPHONE OUTLET (18" A.F.F.)
- 24"X32"X3/4" PLYWOOD BACKBOARD FOR COMPUTER AND PLANT TELEPHONE
- 24"X32"X3/4" PLYWOOD BACKBOARD FOR SOUTH CENTRAL BELL TELEPHONE
- AIRCONDITION UNIT, SEE MECH. DRAWINGS FOR DETAILS AND EXACT LOCATION
- VENTILATION HEATER, SEE MECH. DRAWINGS FOR DETAILS AND EXACT LOCATION
- THERMOSTAT. SEE MECH. DRAWINGS FOR DETAILS AND EXACT LOCATION
- AIRCONDITION CONDENSOR UNIT, SEE MECH. DRAWINGS FOR DETAILS, AND EXACT LOCATION. SIZE OF DISCONNECT AS INDICATED OR REQUIRED.
- A.F.F. ABOVE FINISHED FLOOR

REFERENCE ONLY



THE INDUSTRIAL DEVELOPMENT BOARD OF THE CITY OF MOBILE, ALABAMA (ALABAMA STATE DOCKS DEPARTMENT PROJECT)

McDUFFIE TERMINALS PLANT EXPANSION

SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP

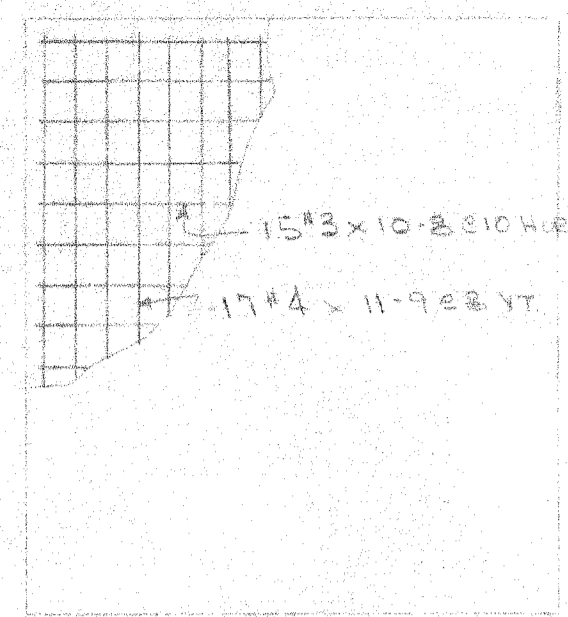
SHOWER & LUNCHROOM FACILITY SCHEDULES AND LEGEND

DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS

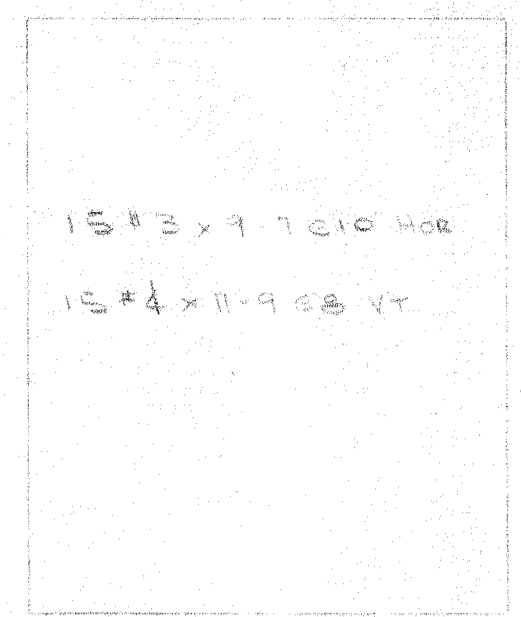
DESIGNED N.C.A.	DETAILED R.A.B.	TRACED R.A.B.
CHECKED C.N.R.	CHECKED N.C.A.	CHECKED N.C.A.

DATE 4/22/82

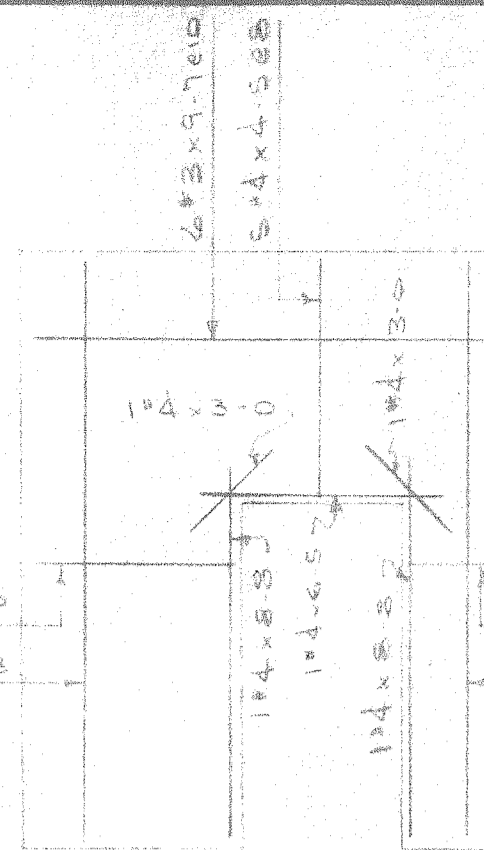
NO.	DESCRIPTION	DATE



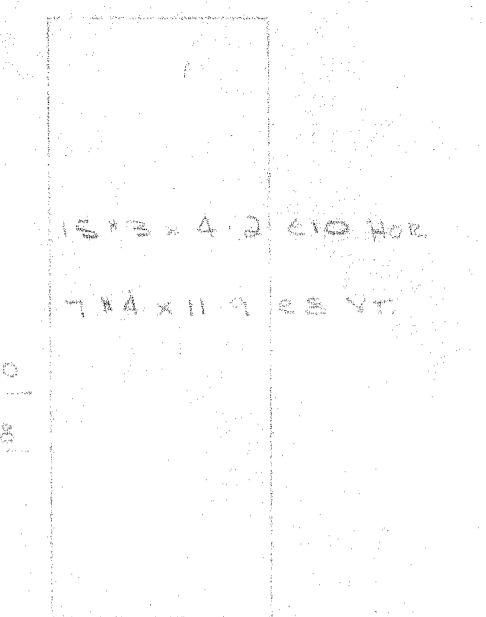
PANEL TYPE P1
1-REQD



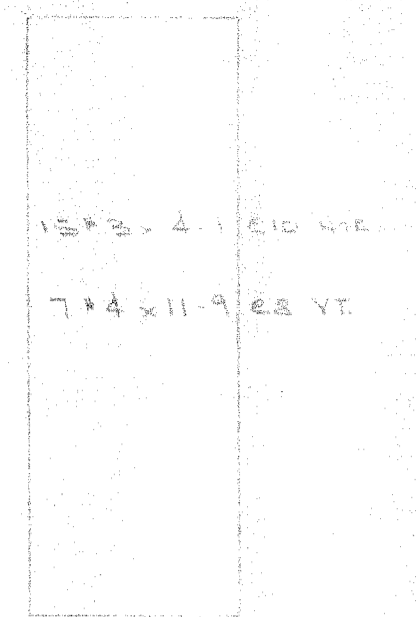
PANEL TYPE P2 & P4
13-REQD



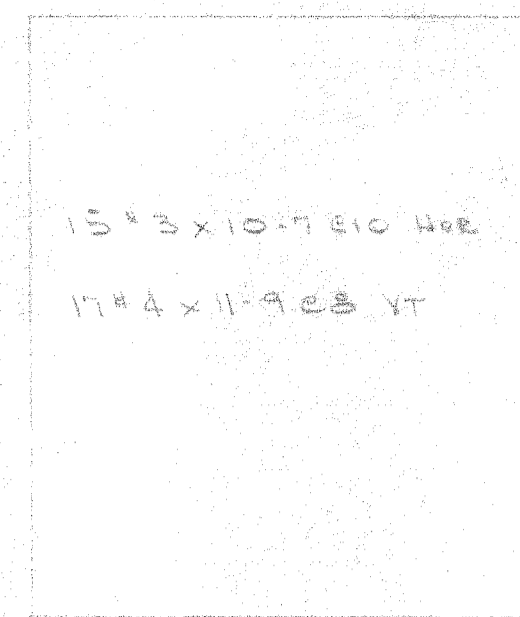
PANEL TYPE P3 & P6
3-REQD



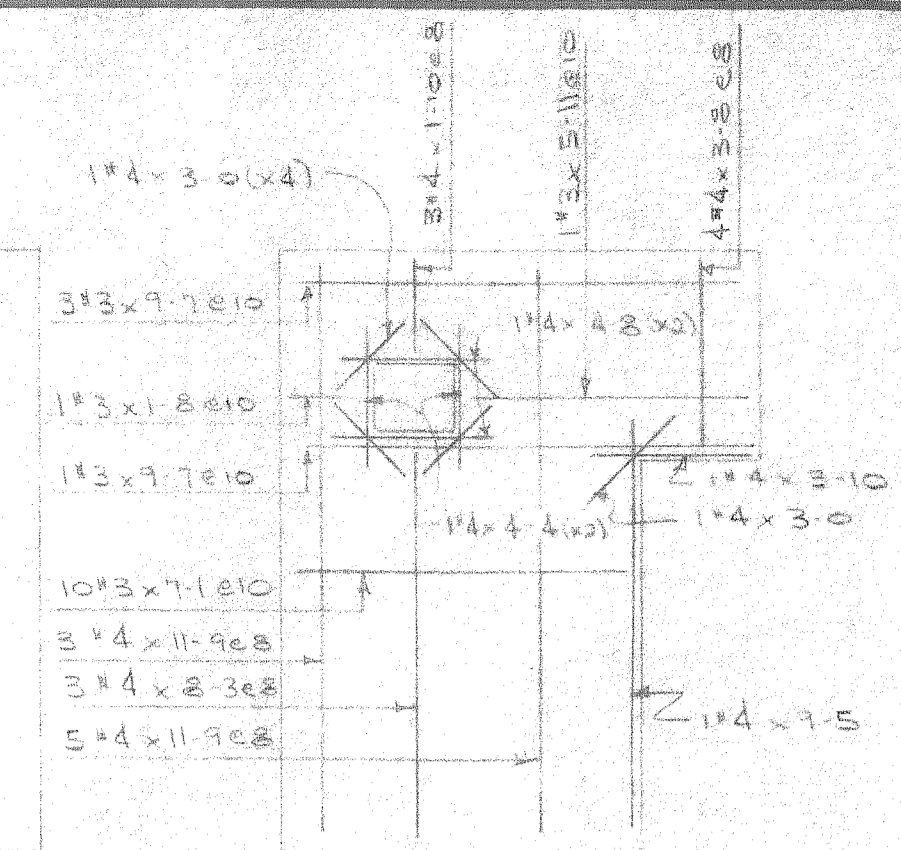
PANEL TYPE P5 & P6
2-REQD



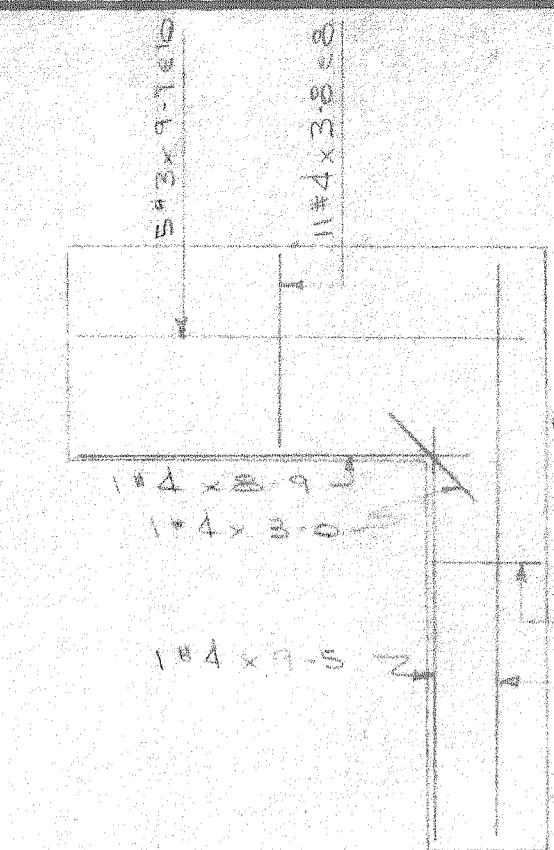
PANEL TYPE P7
2-REQD



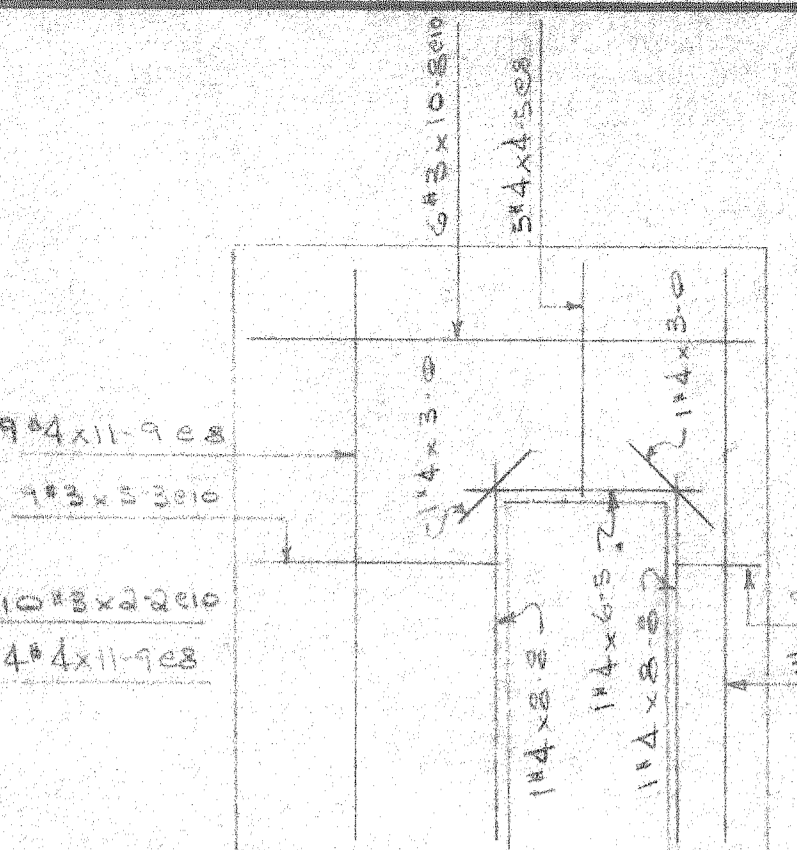
PANEL TYPE P8 & P9
2-REQD



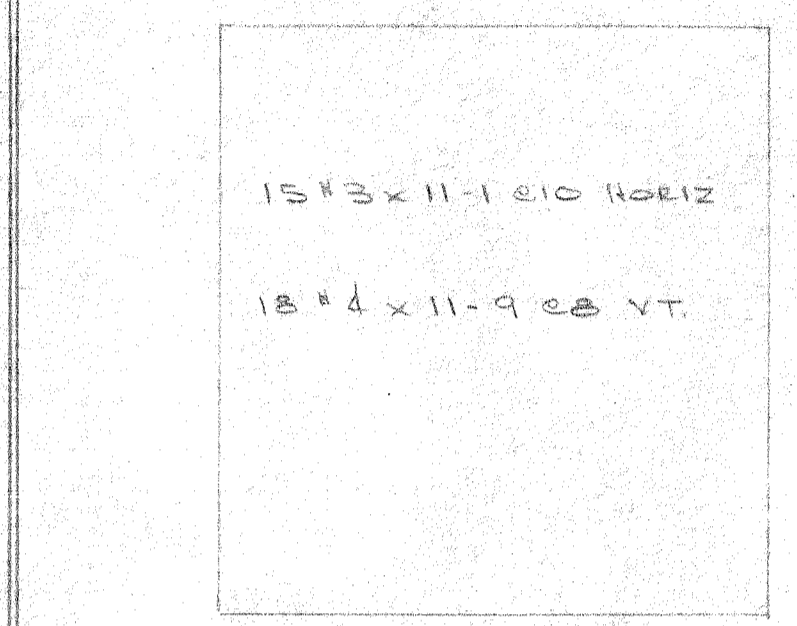
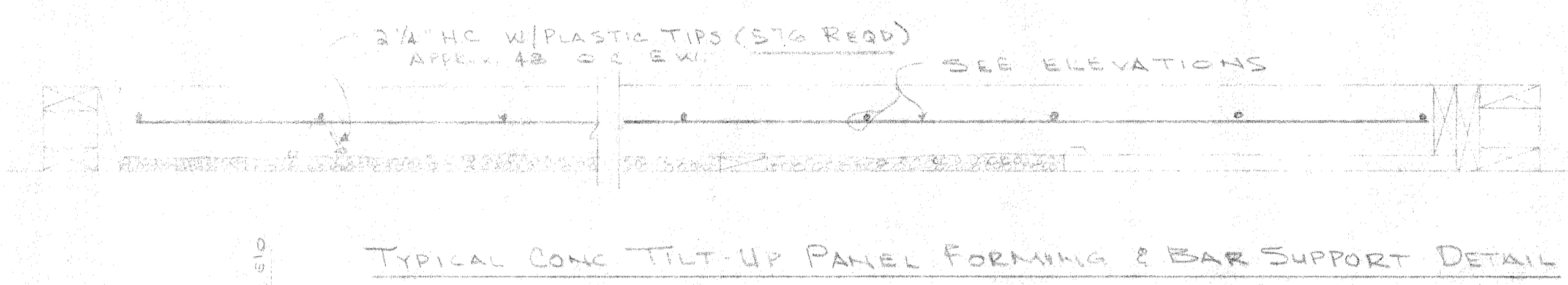
PANEL TYPE P10
1-REQD



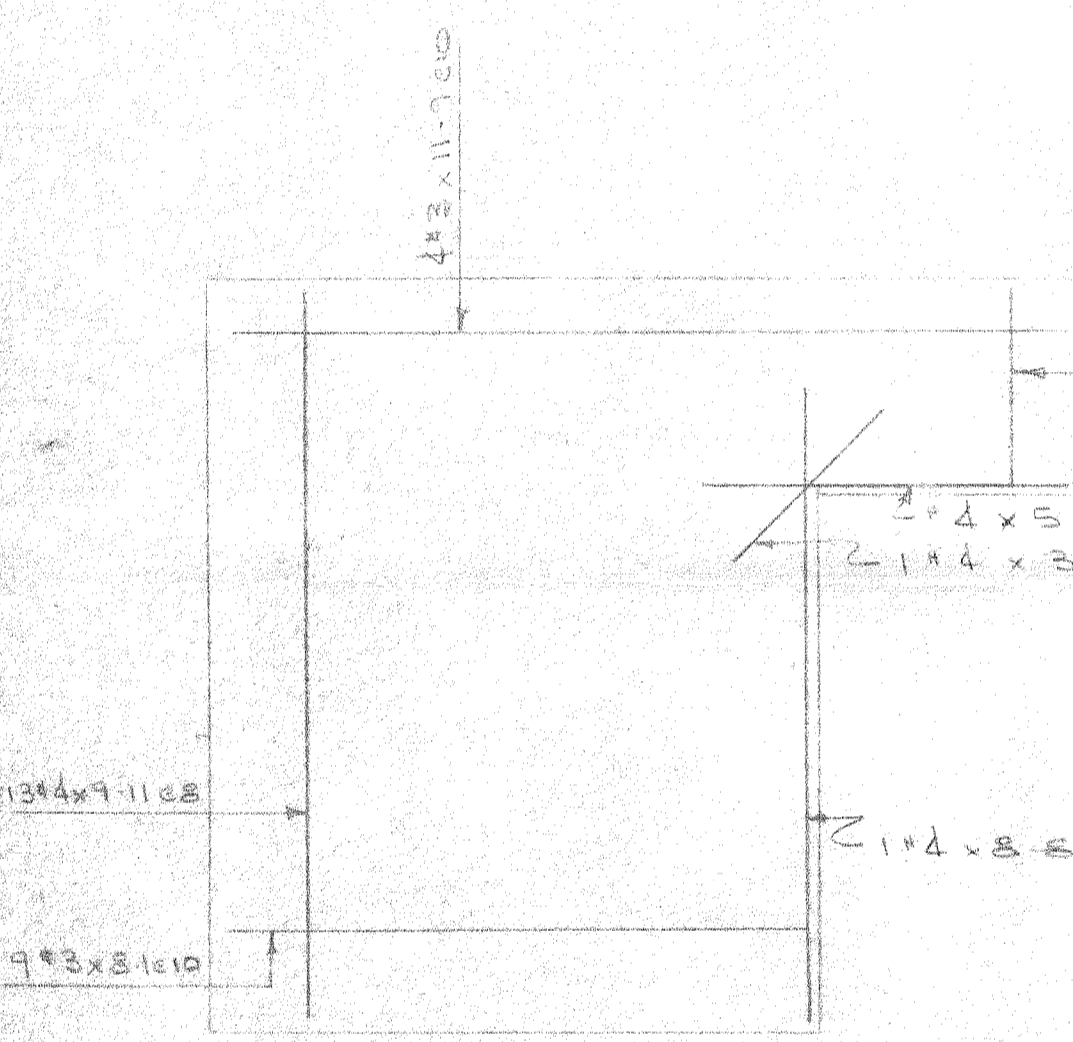
PANEL TYPE P11
1-REQD



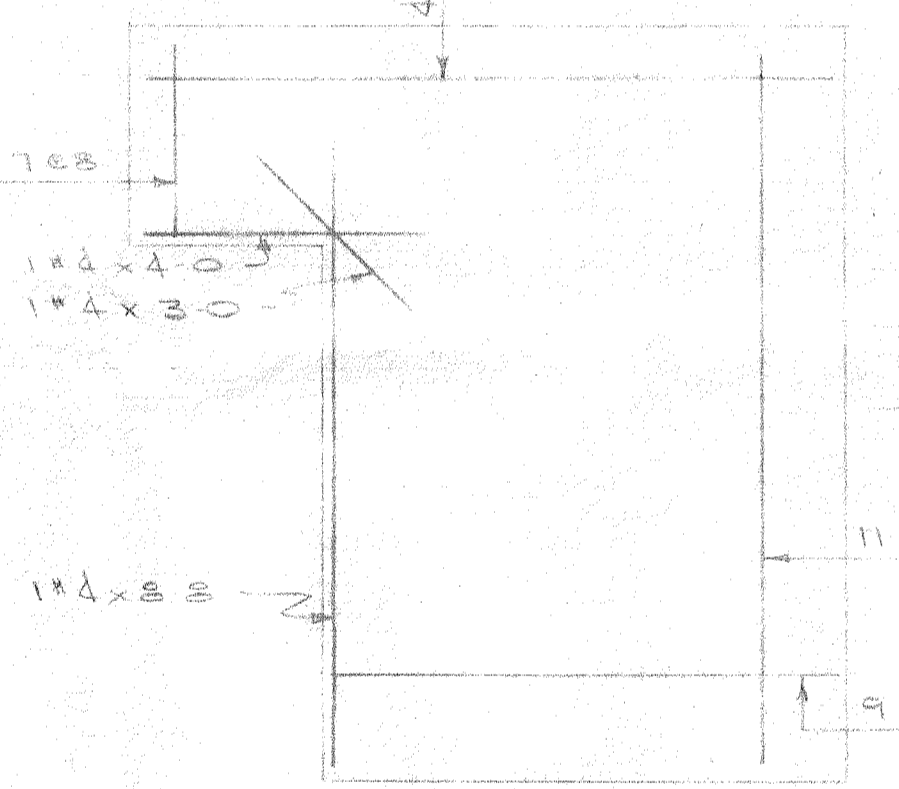
PANEL TYPE P12
1-REQD



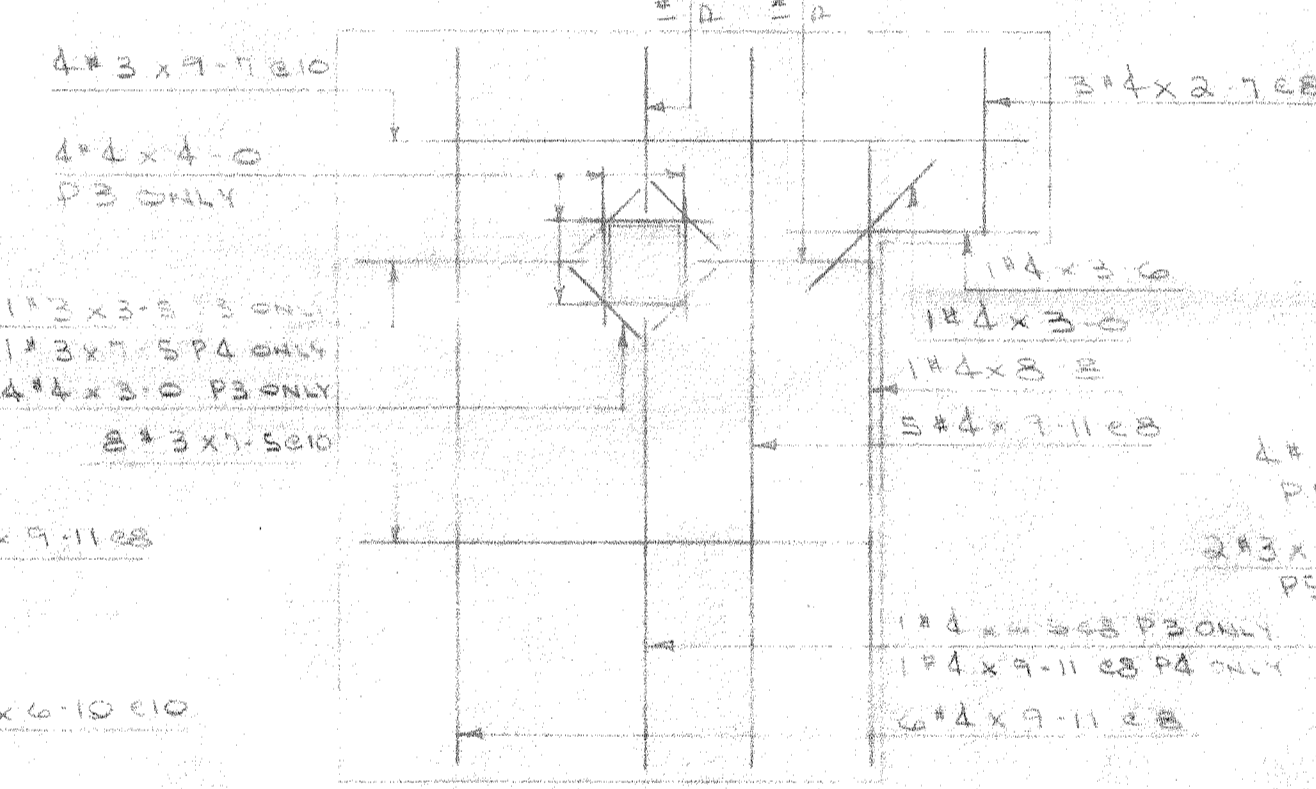
PANEL TYPE P4 & P13
2-REQD



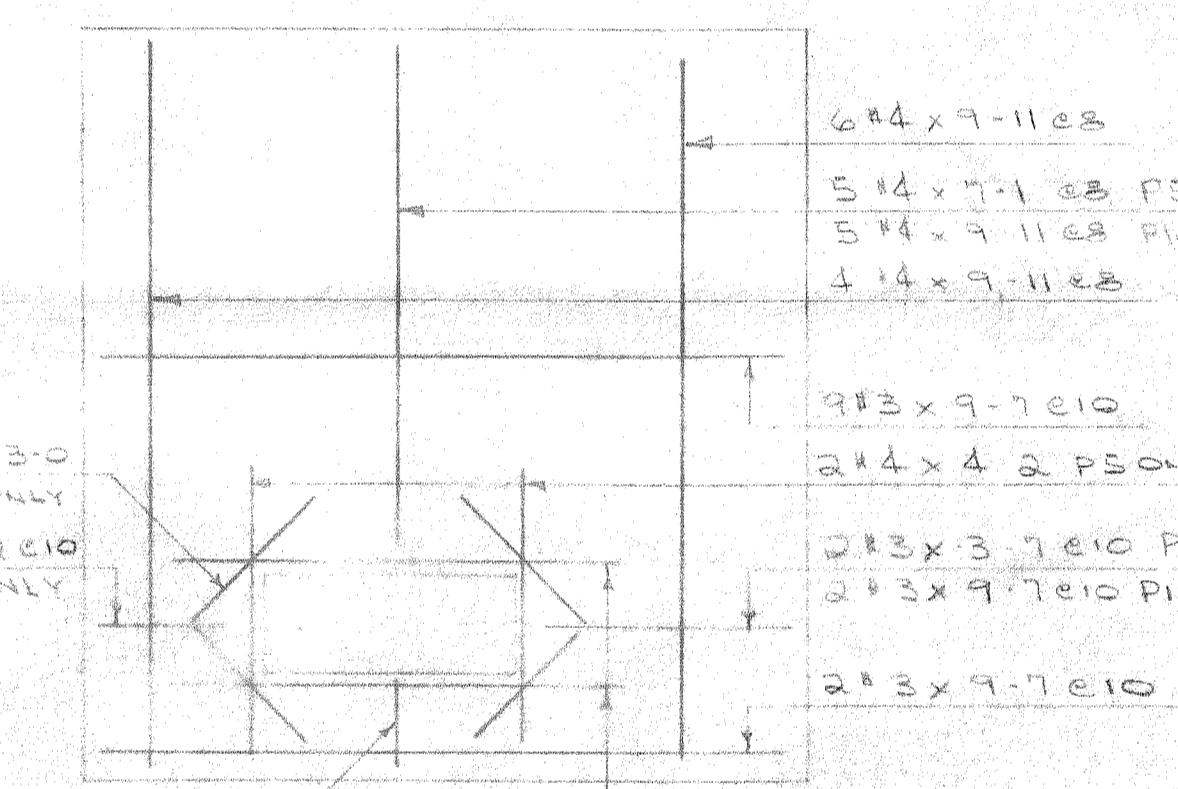
PANEL TYPE P1
1-REQD



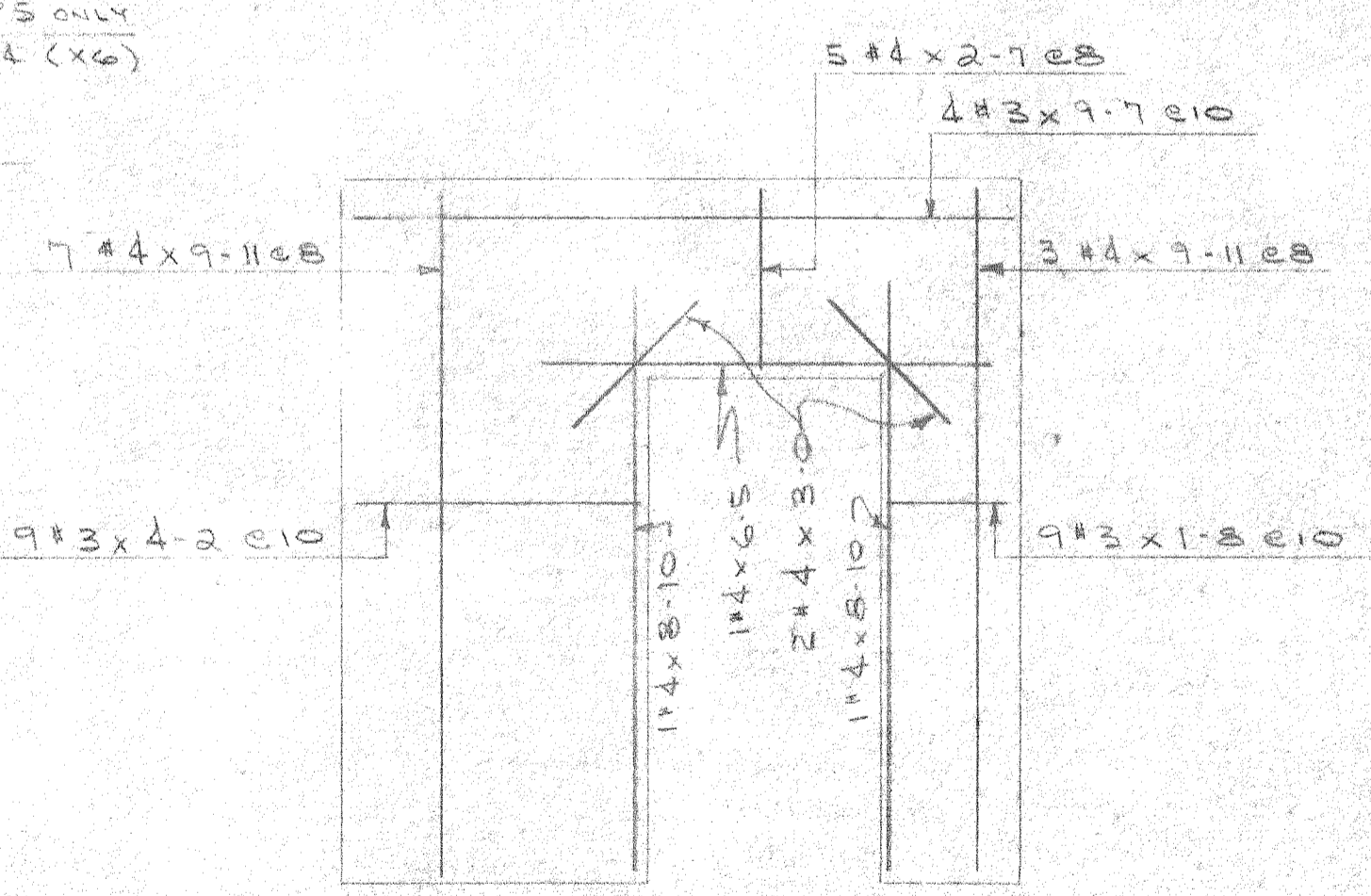
PANEL TYPE P2
1-REQD



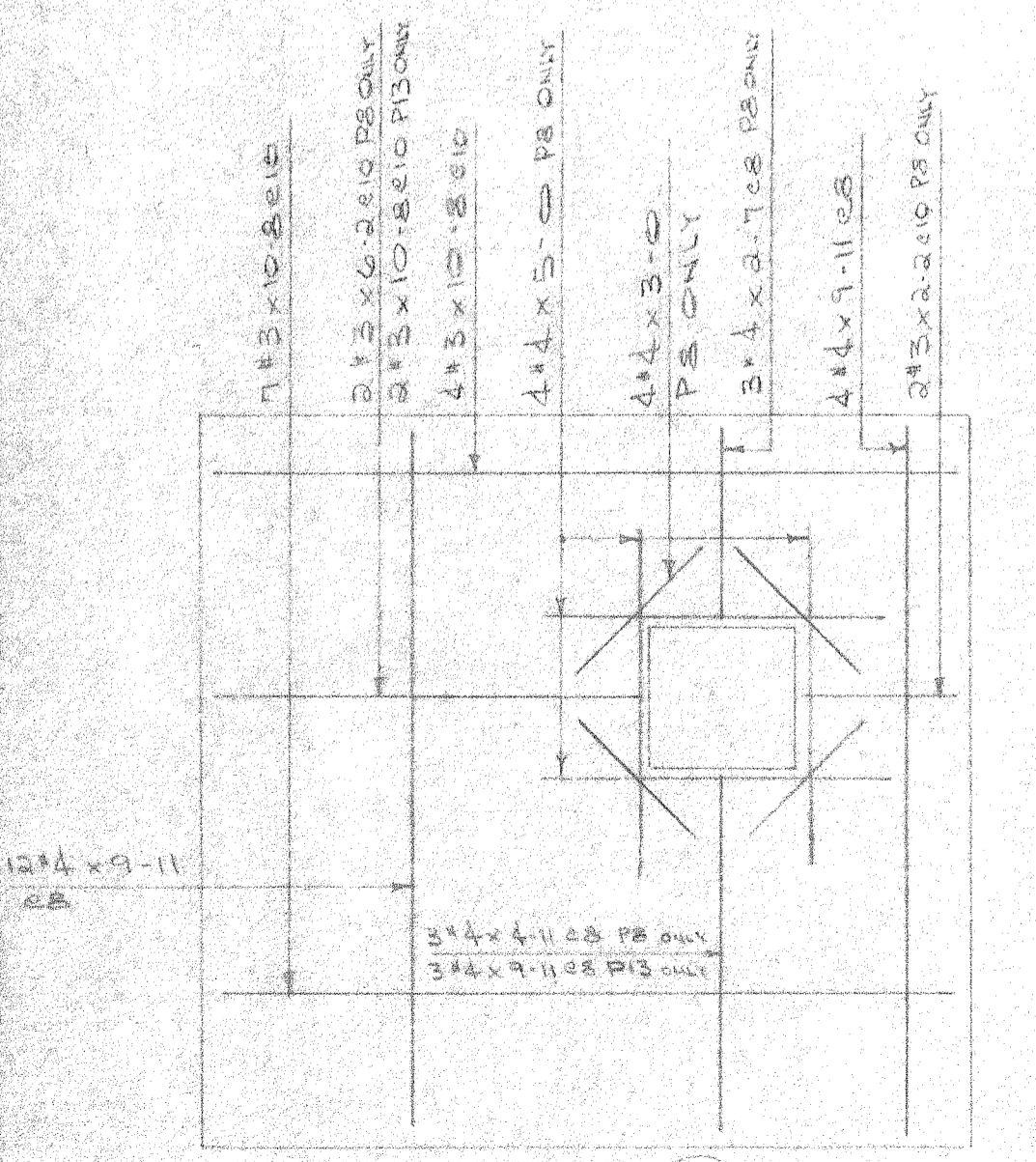
PANEL TYPE P3
SAME EXCEPT OPP HAND NO OPNS
2-REQD EXCEPT AS NOTED



PANEL TYPE P5
SAME EXCEPT NO OPNS
7-REQD EXCEPT AS NOTED

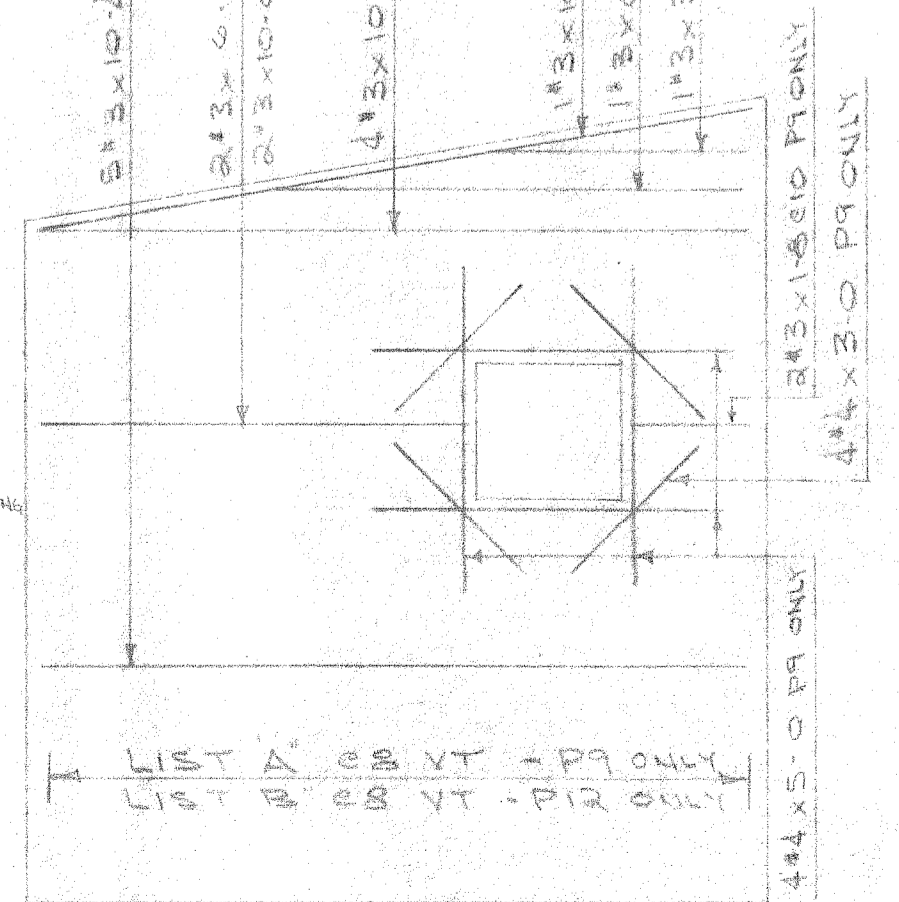


PANEL TYPE P6
SAME EXCEPT OPP HAND
2-REQD



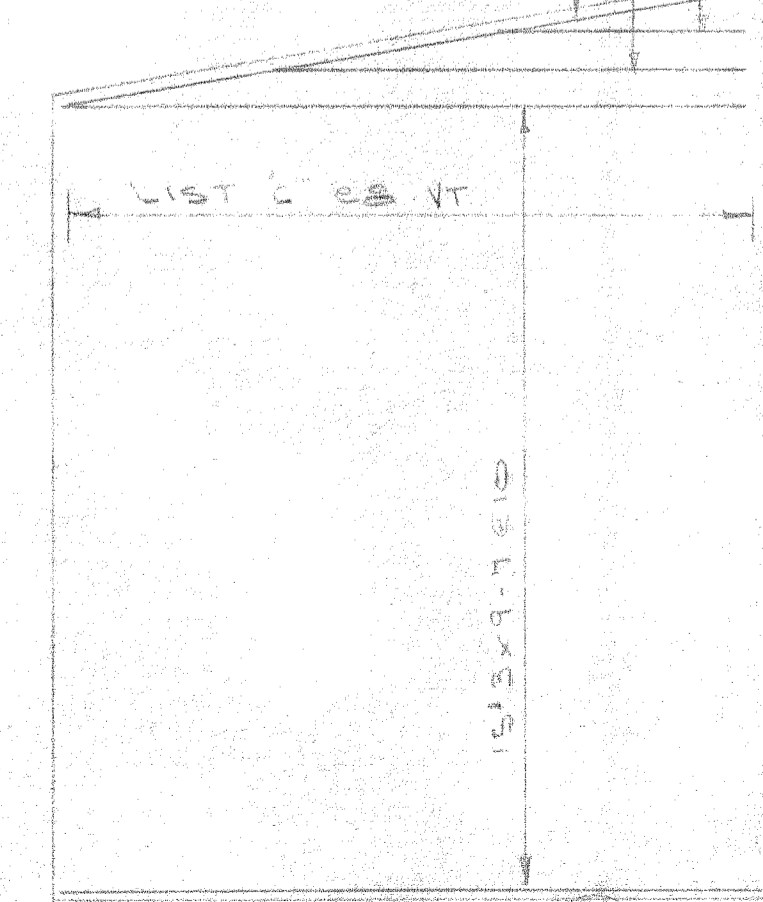
PANEL TYPE P8
SAME EXCEPT NO OPNS
2-REQD EXCEPT AS NOTED

- LIST A
- 15'4" x 9'11"
 - 15'4" x 10'2"
 - 15'4" x 10'3"
 - 15'4" x 10'5"
 - 15'4" x 10'7"
 - 15'4" x 10'8"
 - 15'4" x 10'11"
 - 15'4" x 11'0"
 - 15'4" x 11'1"
 - 15'4" x 11'2"
 - 15'4" x 11'3"
 - 15'4" x 11'4"
 - 15'4" x 11'5"
 - 15'4" x 11'7"
 - 15'4" x 11'8"



PANEL TYPE P9
SAME EXCEPT OPP HAND & NO OPNS #OPP HAND
2-REQD EXCEPT AS NOTED

- LIST B
- 15'4" x 9'11"
 - 15'4" x 10'0"
 - 15'4" x 10'2"
 - 15'4" x 10'3"
 - 15'4" x 10'5"
 - 15'4" x 10'7"
 - 15'4" x 10'8"
 - 15'4" x 10'10"
 - 15'4" x 10'11"
 - 15'4" x 11'0"
 - 15'4" x 11'1"
 - 15'4" x 11'3"
 - 15'4" x 11'4"
 - 15'4" x 11'5"
 - 15'4" x 11'7"
 - 15'4" x 11'8"

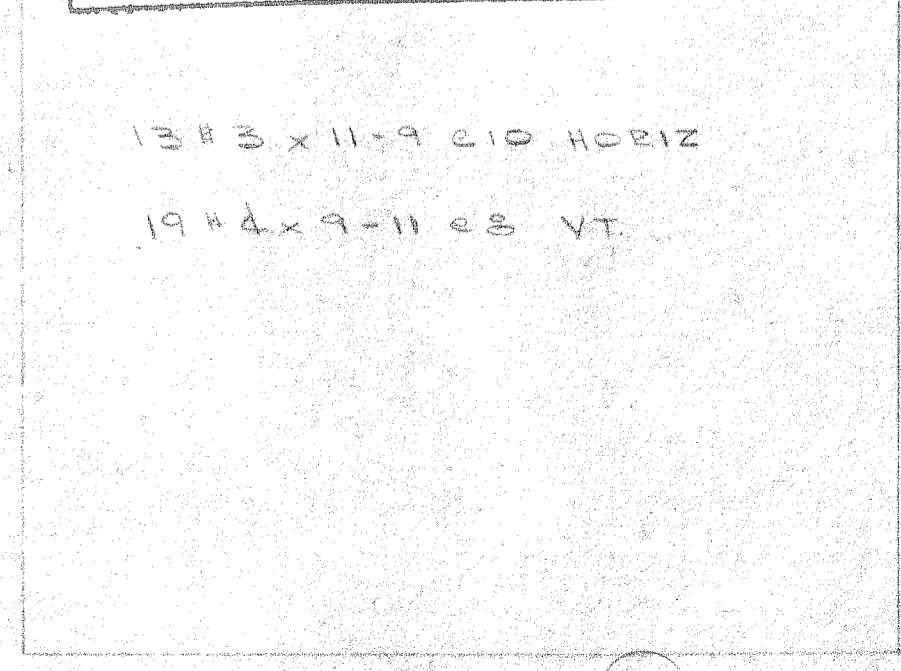


PANEL TYPE P10
SAME EXCEPT OPP HAND
2-REQD

- LIST C
- 15'4" x 11'9"
 - 15'4" x 11'10"
 - 15'4" x 12'0"
 - 15'4" x 12'1"
 - 15'4" x 12'2"
 - 15'4" x 12'4"
 - 15'4" x 12'5"
 - 15'4" x 12'6"
 - 15'4" x 12'8"
 - 15'4" x 12'9"
 - 15'4" x 12'11"
 - 15'4" x 13'0"
 - 15'4" x 13'1"
 - 15'4" x 13'2"
 - 15'4" x 13'4"

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: [Signature]
Approved Except As Noted	Date: 4/10/82
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.



PANEL TYPE P15
1-REQD

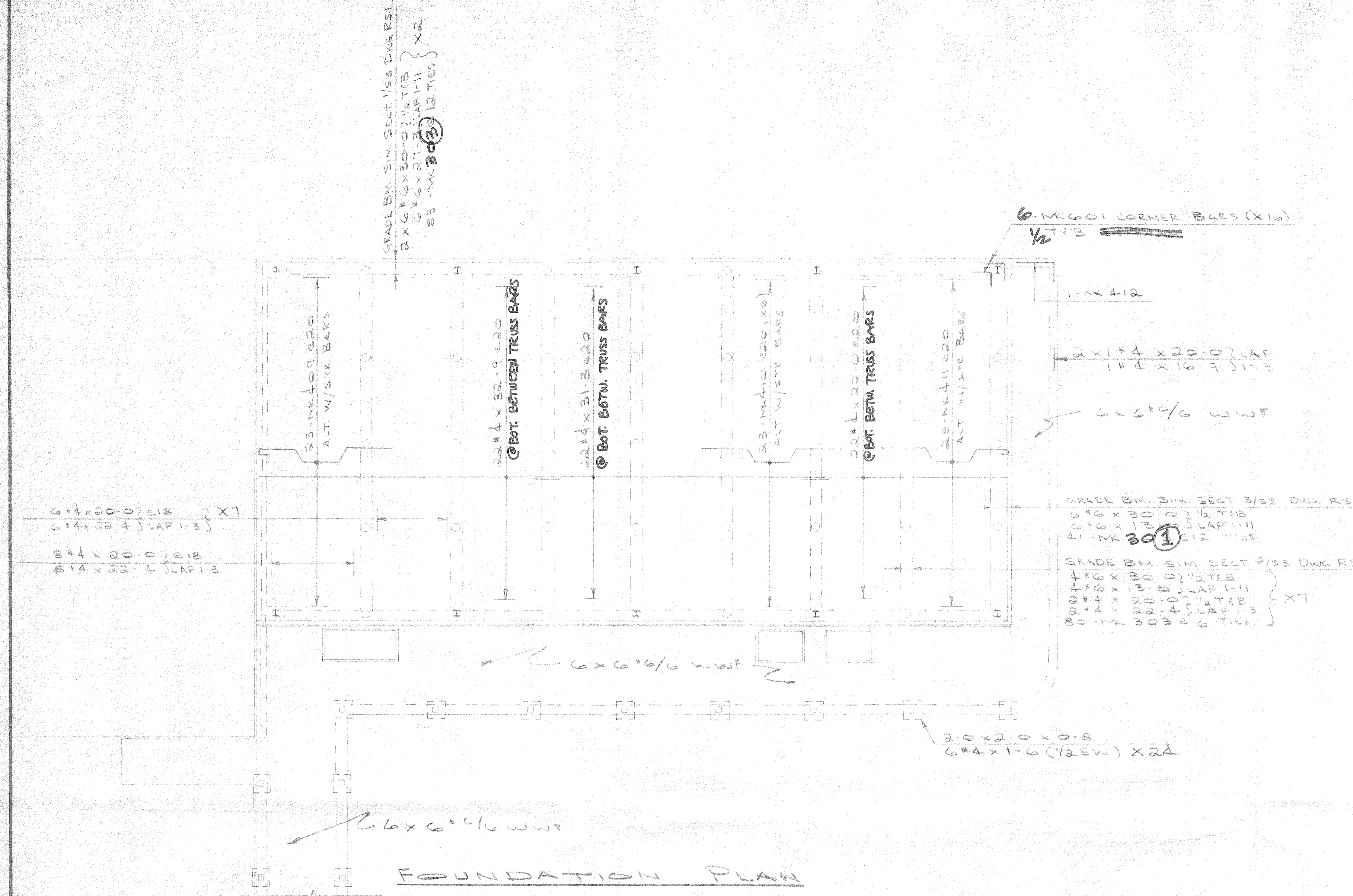
APPROVED	DATE	FOR USE IN CONSTRUCTION
REVISED	DATE	DESTROY ALL PREVIOUS DRAWINGS

- GENERAL NOTES
- USE THIS DRAWING IN CONJUNCTION WITH ARCHITECTS OR ENGINEERS DRAWINGS.
 - FOR BAR BENDING DETAILS SEE BENT BAR SCHEDULE SHEETS
 - "I.F." DENOTES INSIDE FACE. "O.F." DENOTES OUTSIDE FACE.
 - "H.E.F." DENOTES HALF EACH FACE.

ELLIS STEEL COMPANY, INC.				
WEST POINT, MISSISSIPPI				
JOB: SHOWER & LUNCHROOM FACILITY AND BARGE UNLOADER SHOP				
LOCATION: MOBILE, ALA				
CONTRACTOR: A.O. WADE				
ARCHITECT: DAVID VOLKERT & ASSOC				
DRWN. BY: Rod	REVISED	CHECKED BY: HUGHES	DRWG. NO. RSD	
DATE: JUNE 9, 1982		SHEET OF		
NOTE: TILT-UP PANELS REINFORCING				

SHOWER & LUNCHROOM FACILITY BARGE UNLOADER SHOP

REFERENCE ONLY



FOUNDATION PLAN



PLAN - MASONRY WALL AT SHOWER ROOM

ALSO SHIP: 4 ROLLS 6x6 #6 WWF (3000 SF)

DAVID VOLKERT & ASSOCIATES	
<input checked="" type="checkbox"/> Approved As Submitted	By: <i>[Signature]</i>
<input type="checkbox"/> Approved Except As Noted	Date: 6/16/82
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	

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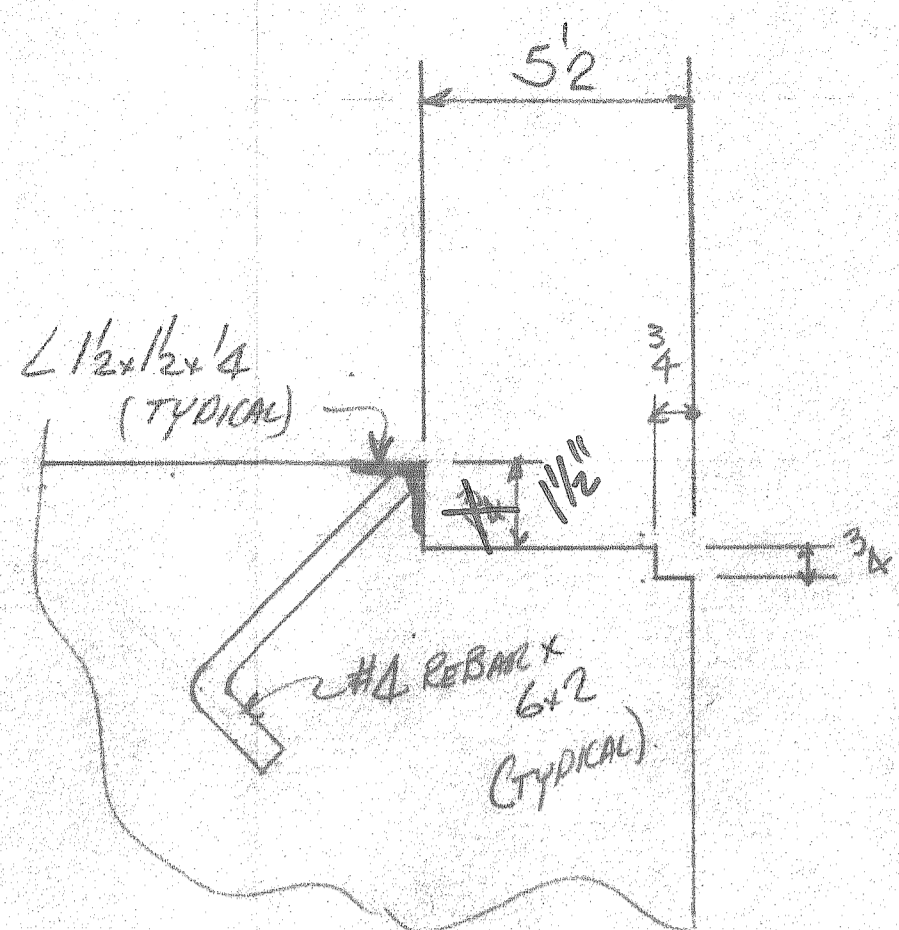
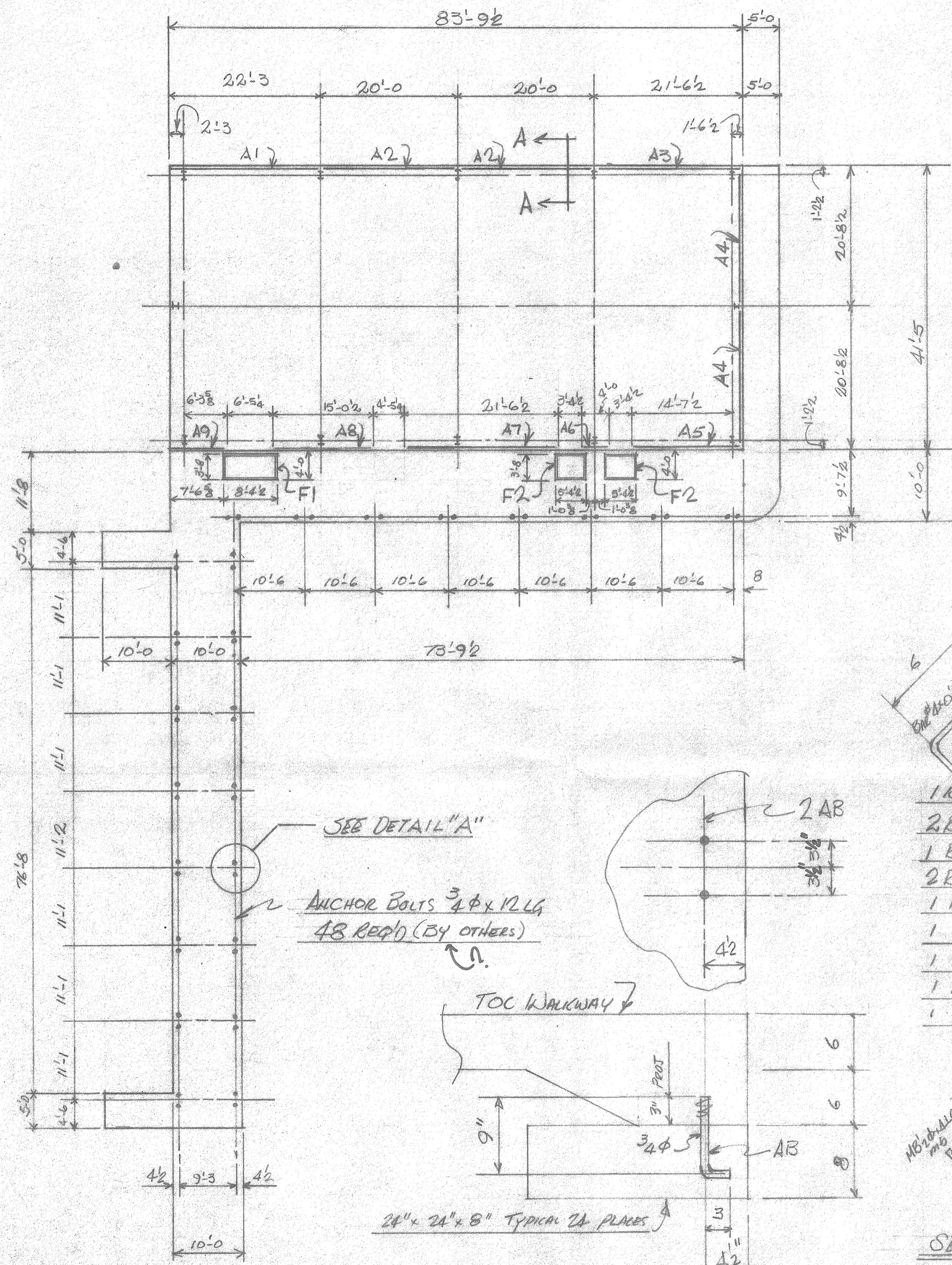
- GENERAL NOTES
1. USE THIS DRAWING IN CONJUNCTION WITH ARCHITECTS OR ENGINEERS DRAWINGS.
 2. FOR BAR BENDING DETAILS SEE BENT BAR SCHEDULE SHEETS
 3. "I.F." DENOTES INSIDE FACE. "O.F." DENOTES OUTSIDE FACE.
 4. "H.E.F." DENOTES HALF EACH FACE.

PRINT RECORD		REVISIONS	
FOR	DATE	NO.	DATE

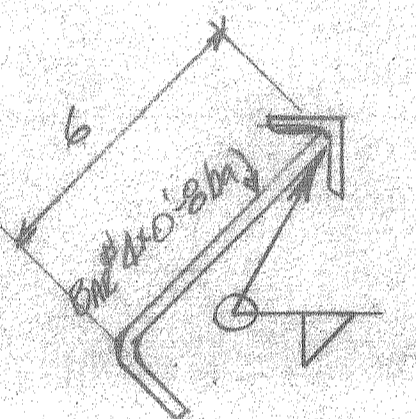
ELLIS STEEL COMPANY, INC. WEST POINT, MISSISSIPPI	
JOB SHOWER & LUNCHROOM FACILITY	
LOCATION MOBILE, ALA.	
CONTRACTOR A. O. WARD	
ARCHITECT DAVID VOLKERT & ASSOCS.	
DRWN. BY ROD	REVISED
CHECKED BY HUGHES	DRNG. NO. R33
DATE JUNE 9, 1982	SHEET OF
NOTE: FDN. & MISC. DETAILS	

APPROVED	DATE	FOR USE IN CONSTRUCTION
REVISED	DATE	DESTROY ALL PREVIOUS DRAWINGS

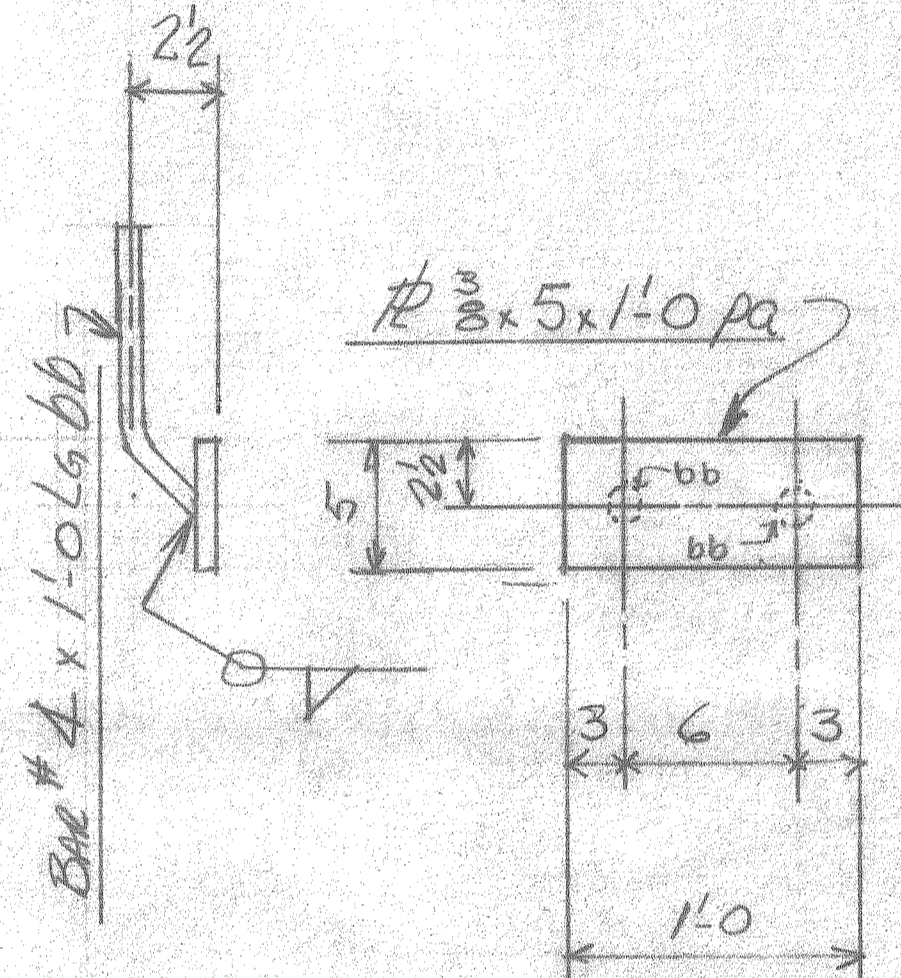
REFERENCE ONLY



SECTION "A-A"



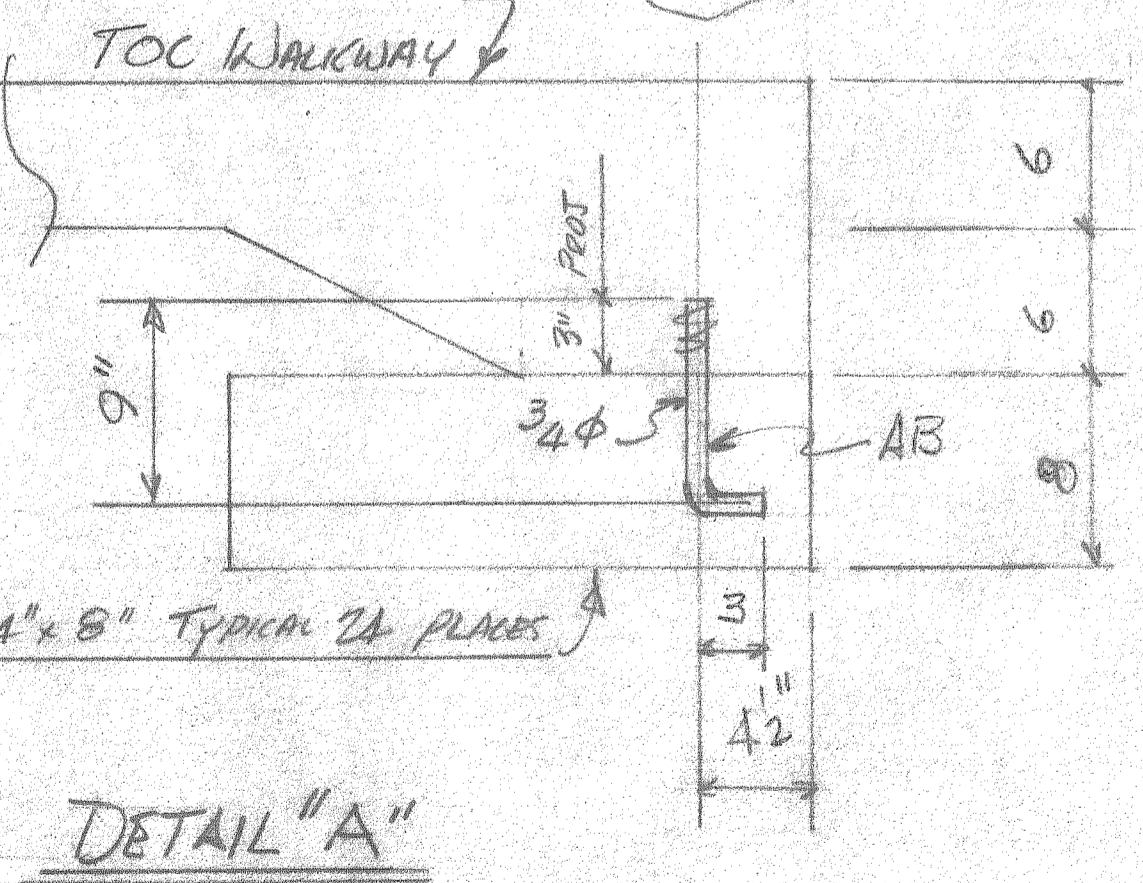
1 Reqd (21'-2 1/2")	13 3/8	5 SPACES @ 48" = 20'-0"	13 3/8	MARK A1
2 Reqd (19'-11 3/4")	23 3/8	4 SPACES @ 48" = 16'-0"	23 3/8	MARK A2
1 Reqd (21'-0 3/4")	6 3/8	4 SPACES @ 48" = 16'-0"	6 3/8	MARK A3
2 Reqd (20'-1 1/4")	24 3/8	4 SPACES @ 48" = 16'-0"	24 3/8	MARK A4
1 Reqd (15'-8 1/4")	21 3/8	3 SPACES @ 48" = 12'-0"	21 3/8	MARK A5
1 Reqd (3'-11 3/4")	5 3/8	3'-0"	5 3/8	MARK A6
1 Reqd (21'-6 1/2")	9 3/8	5 SPACES @ 48" = 20'-0"	9 3/8	MARK A7
1 Reqd (15'-0 1/4")	18 3/8	3 SPACES @ 48" = 12'-0"	18 3/8	MARK A8
1 Reqd (8'-6 3/8")	3 7/8	2 SPACES @ 48" = 8'-0"	3 7/8	MARK A9



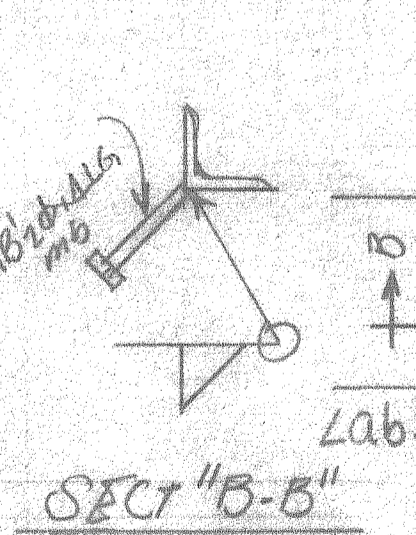
119 Reqd RE MARK PA
(TO IMBED IN TILTUP PANELS)

SEE DETAIL "A"

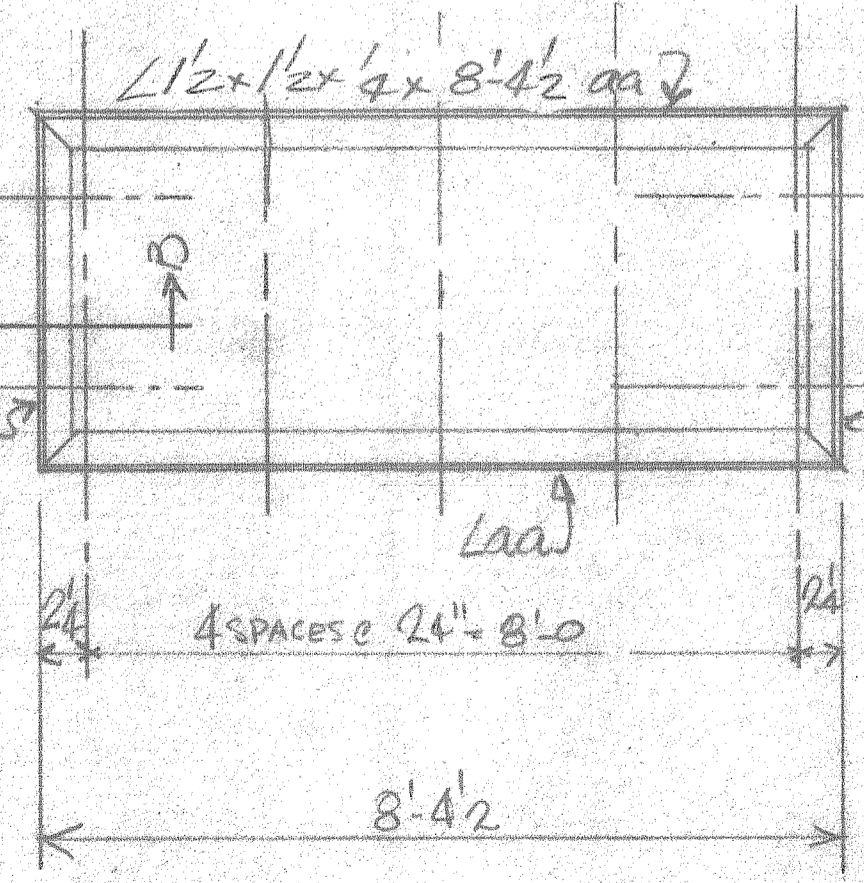
2 ANCHOR BOLTS 3/4" x 12 LG
48 Reqd (BY OTHERS)



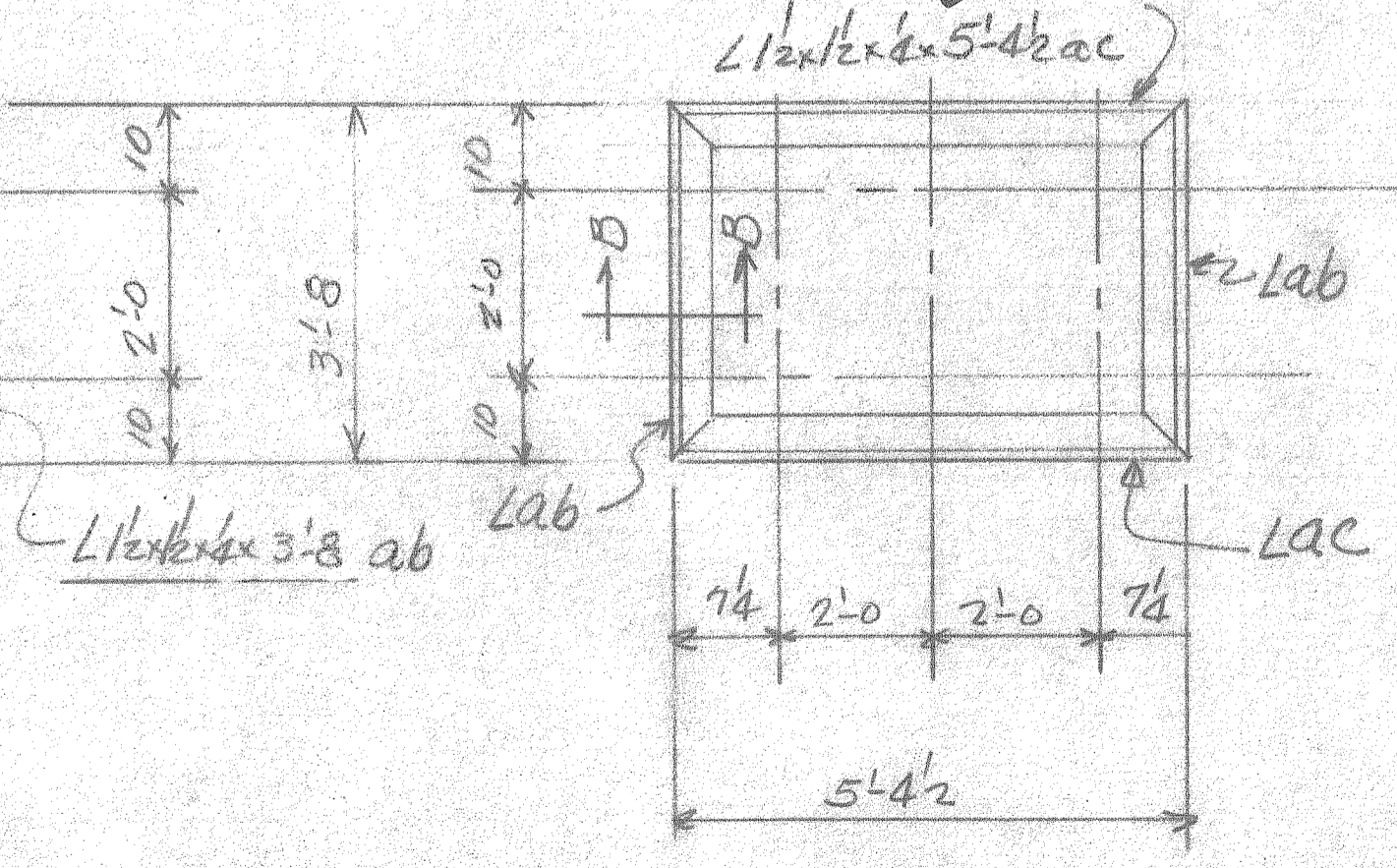
DETAIL "A"



SECT "B-B"



ONE (1) REQ'D FRAME MARK F1



TWO (2) REQ'D FRAME MARK F2

MARK	PC	QTY	DESCRIPTION
A1	ONE	ONE	L 1/2 x 1/2 x 1/4 x 22'-2 3/4"
	ba	6	REBAR #4 x 0'-8"
A2	TWO	TWO	L 1/2 x 1/2 x 1/4 x 19'-11 3/4"
	ba	10	REBAR #4
A3	ONE	ONE	L 1/2 x 1/2 x 1/4 x 21'-0 3/4"
	ba	5	REBAR #4
A4	TWO	TWO	L 1/2 x 1/2 x 1/4 x 20'-1 1/4"
	ba	10	REBAR #4
A5	ONE	ONE	L 1/2 x 1/2 x 1/4 x 15'-8 1/4"
	ba	4	REBAR #4
A6	ONE	ONE	L 1/2 x 1/2 x 1/4 x 3'-11 3/4"
	ba	2	REBAR #4
A7	ONE	ONE	L 1/2 x 1/2 x 1/4 x 21'-6 1/2"
	ba	6	REBAR #4
A8	ONE	ONE	L 1/2 x 1/2 x 1/4 x 15'-0 1/4"
	ba	4	REBAR #4
A9	ONE	ONE	L 1/2 x 1/2 x 1/4 x 8'-6 3/8"
	ba	3	REBAR #4
F1	ONE	ONE	FRAME
	aa	2	L 1/2 x 1/2 x 1/4 x 8'-4 1/2"
	ab	2	L 1/2 x 1/2 x 1/4 x 3'-8"
	mb	14	MB 2d x 4" LG
F2	TWO	TWO	FRAMES
	ab	4	L 1/2 x 1/2 x 1/4 x 3'-8"
	ac	4	L 1/2 x 1/2 x 1/4 x 5'-4 1/2"
	mb	20	MB 2d x 4" LG
PA	119	119	IMBED PLATES
	pa	119	PL 3/8 x 5 x 1'-0"
	bb	238	REBAR #4 x 1'-0 LG

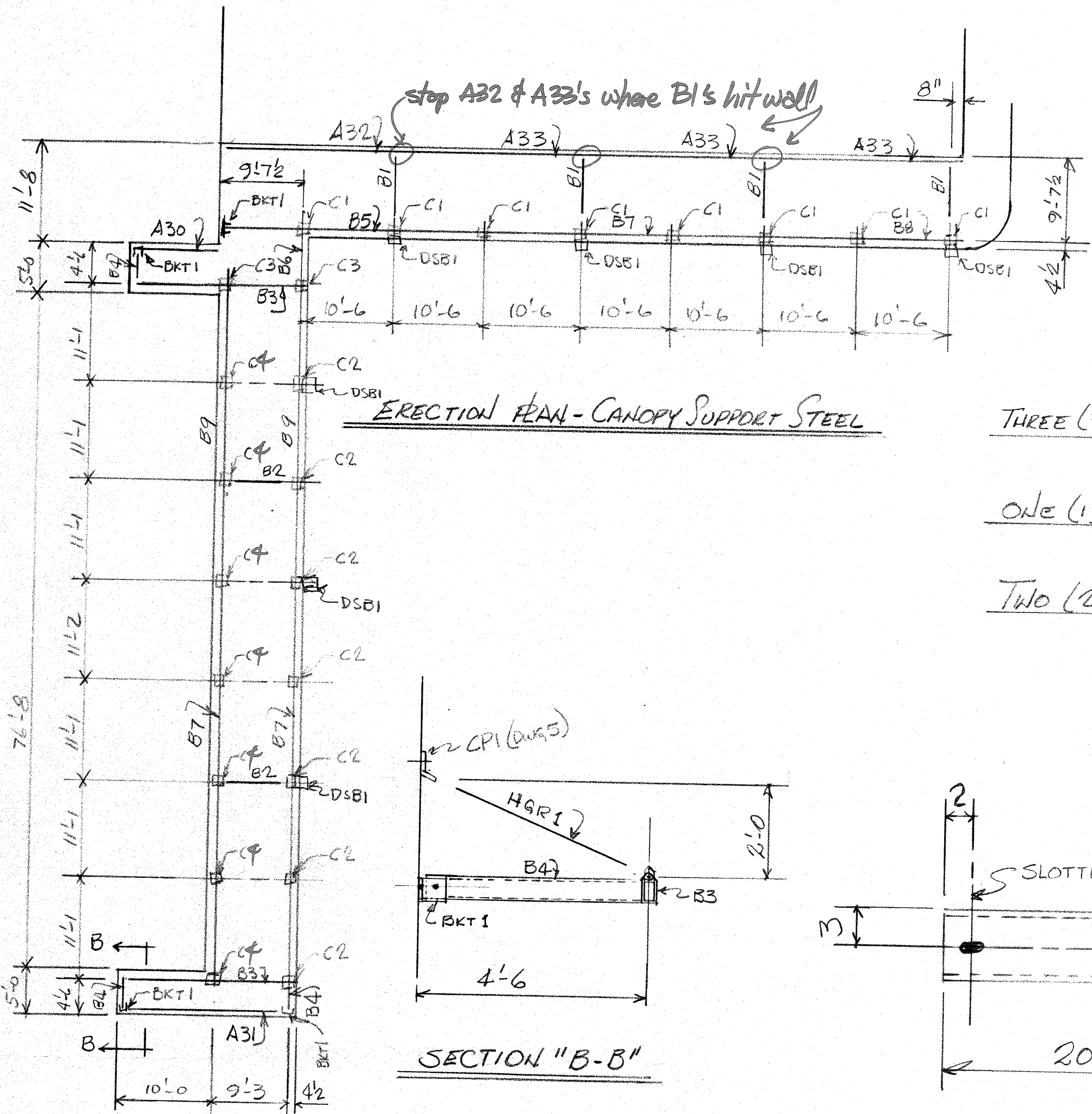
DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: <i>[Signature]</i>
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.

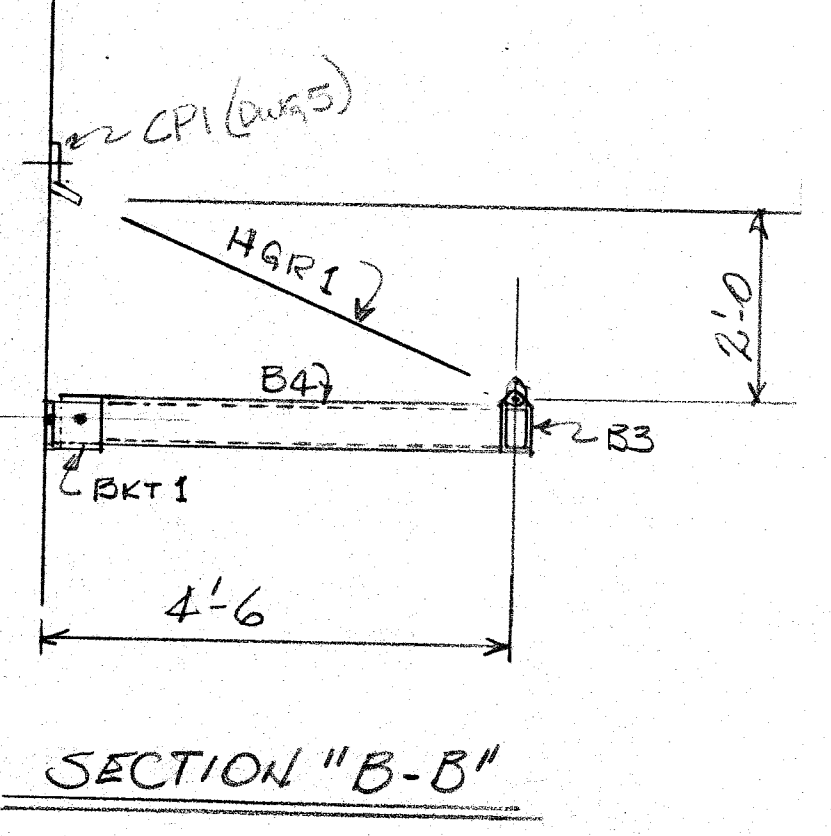
473

JOHNSON WELDING COMPANY	
2821 S. PERSONS HWY, MUSTEE, ALABAMA	
ALABAMA STATE DOCS	SCALE
INDUSTRIAL TANKS PLANT EXPANSION	DRAWN BY: DON FRANKEL
SHOWER AND LUNCH ROOM & CANOPY SETTING PLAN & DETAILS OF IMBED STEELS	
DATE: 6-21-82	APPROVED BY: <i>[Signature]</i>
	DRAWING NUMBER: 1

REFERENCE ONLY



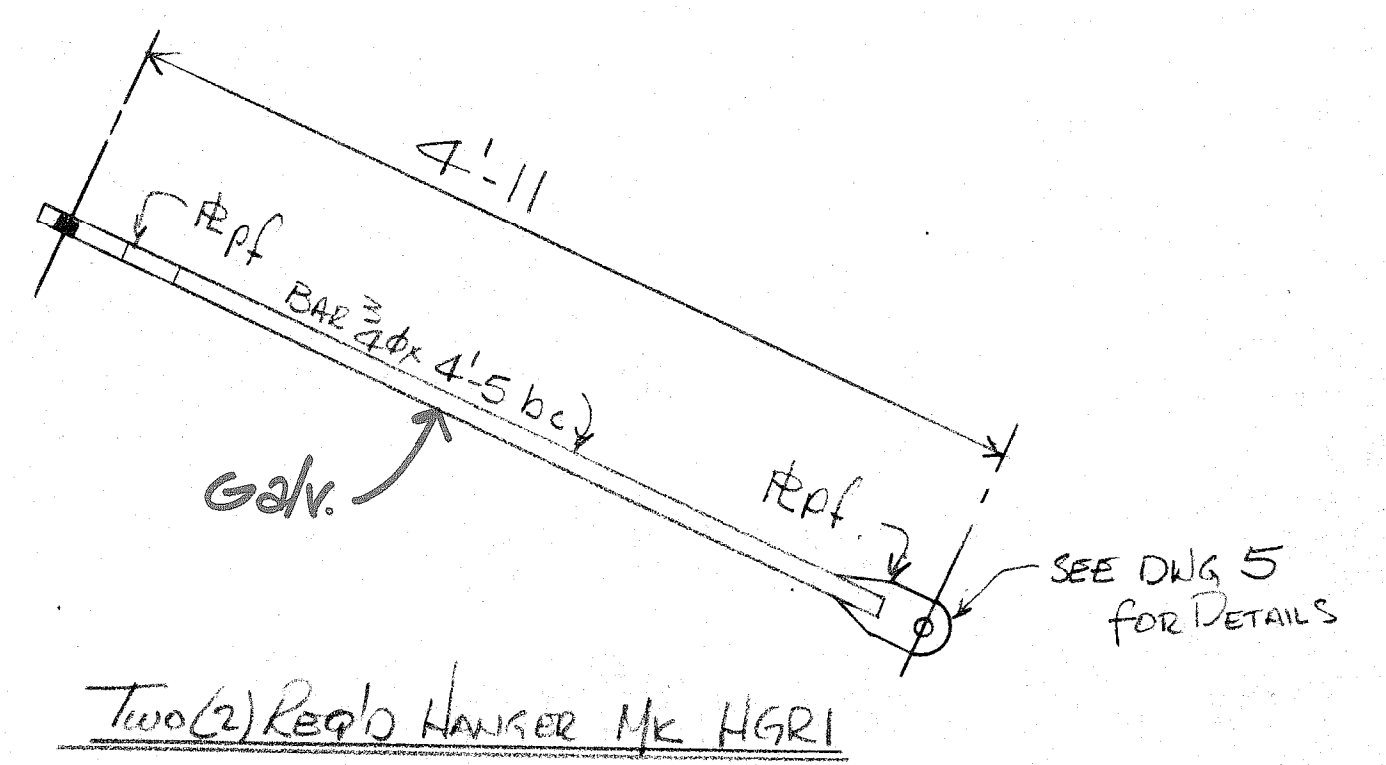
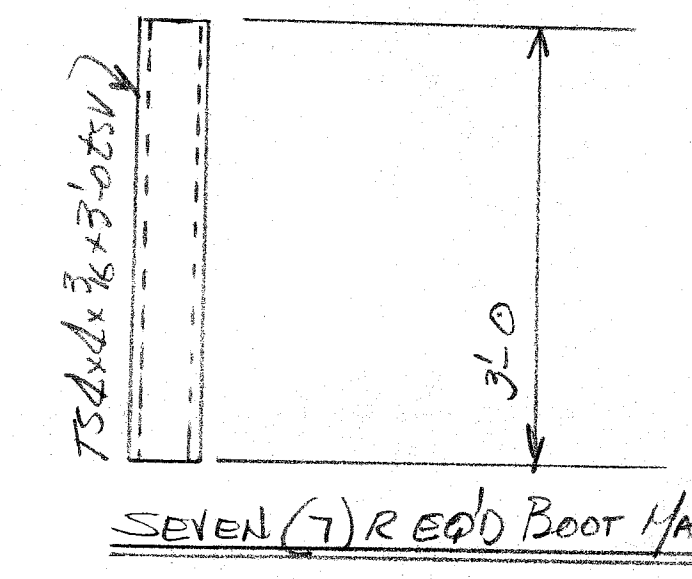
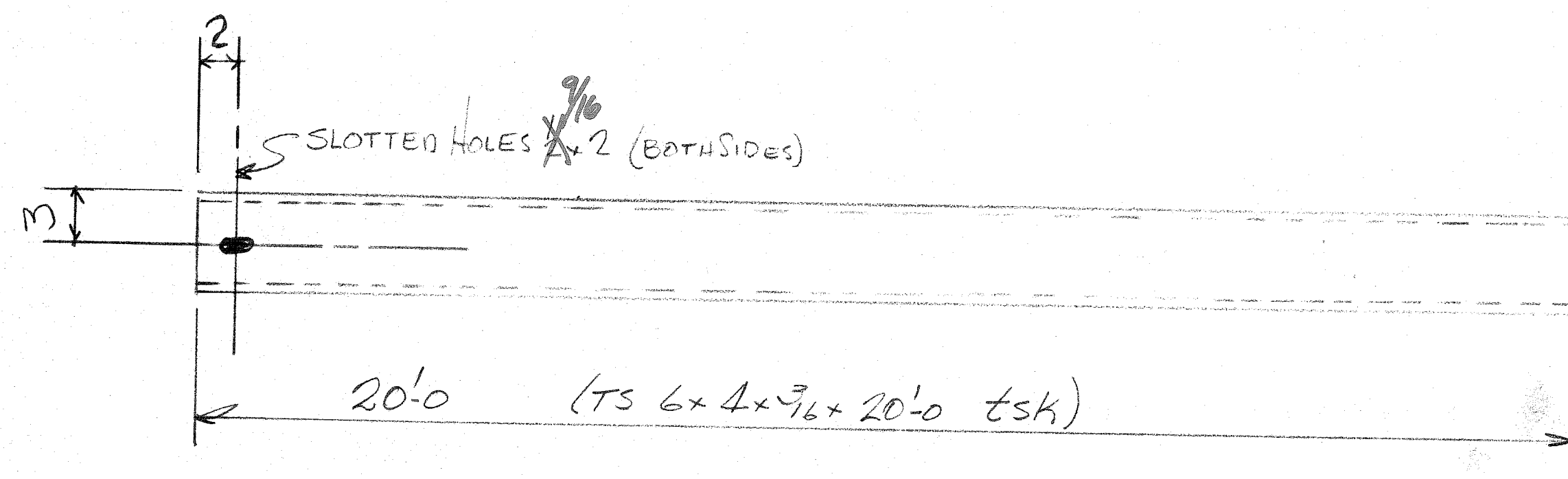
ERECTION PLAN - CANOPY SUPPORT STEEL



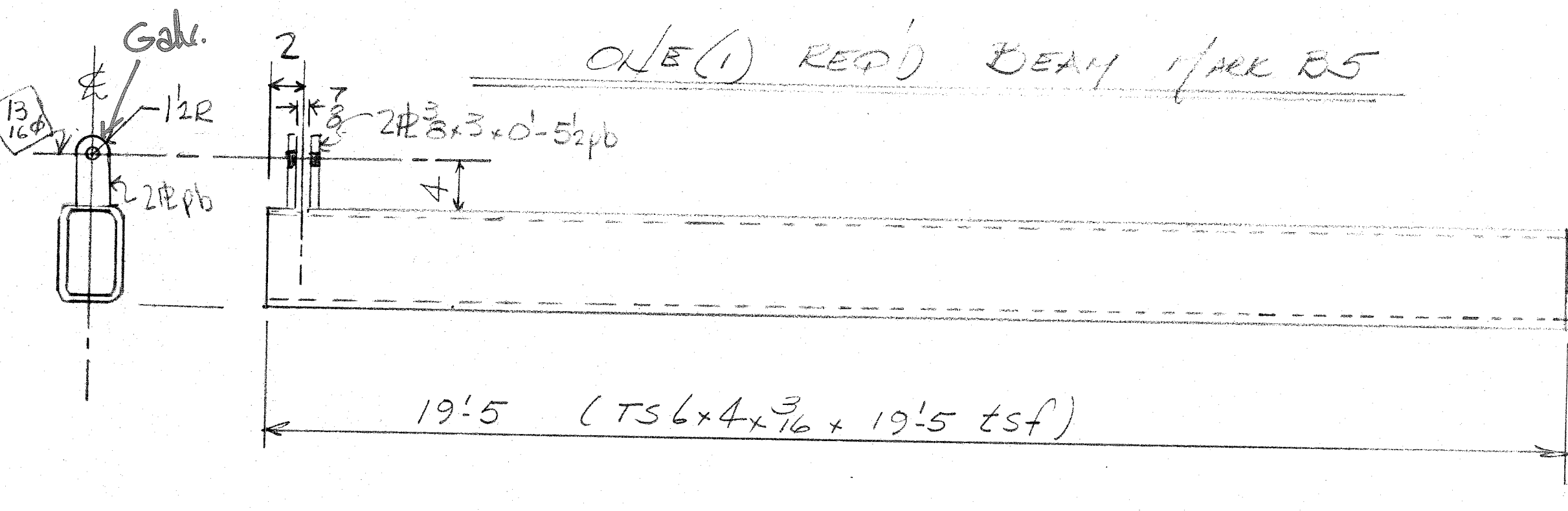
SECTION "B-B"

THREE (3) REQ'D	40'-0" (TS 6x4x ³ / ₁₆ x 40'-0" tss)	MARK B7
ONE (1) REQ'D	23'-2" (TS 6x4x ³ / ₁₆ x 23'-2" tss)	MARK B8
TWO (2) REQ'D	37'-4" (TS 6x4x ³ / ₁₆ x 37'-4" tss)	MARK B9

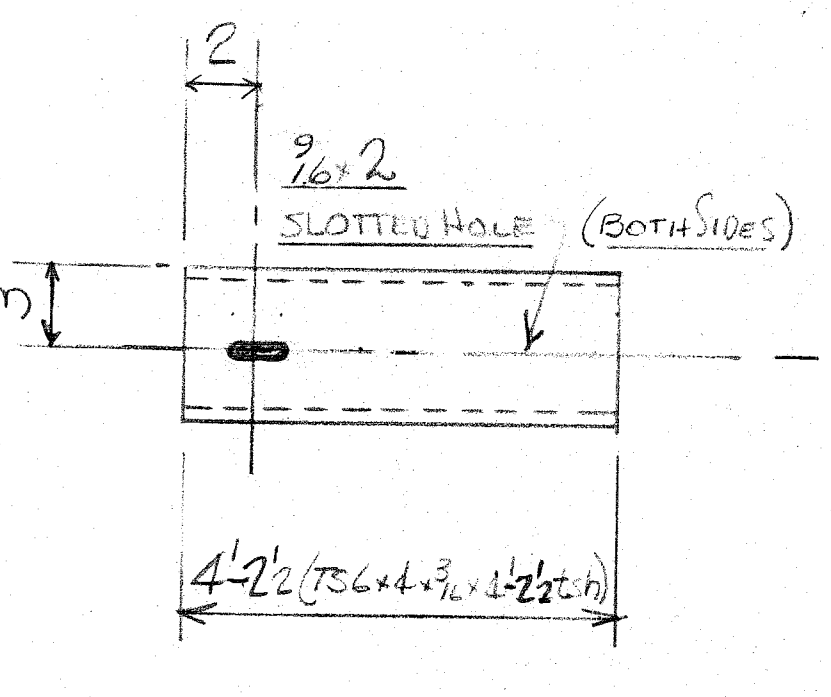
ONE (1) REQ'D (8'-11")	1'-5 1/2"	2 SPACES @ 36" = 6'-0"	1'-5 1/2"	MARK A30
ONE (1) REQ'D (18'-2")	1'-7"	5 SPACES @ 36" = 15'-0"	1'-7"	MARK A31
ONE (1) REQ'D (19'-7")	9/2"	6 SPACES @ 36" = 18'-0"	9/2"	MARK A32
THREE (3) REQ'D (20'-2")	1'-1"	6 SPACES @ 36" = 18'-0"	1'-1"	MARK A33



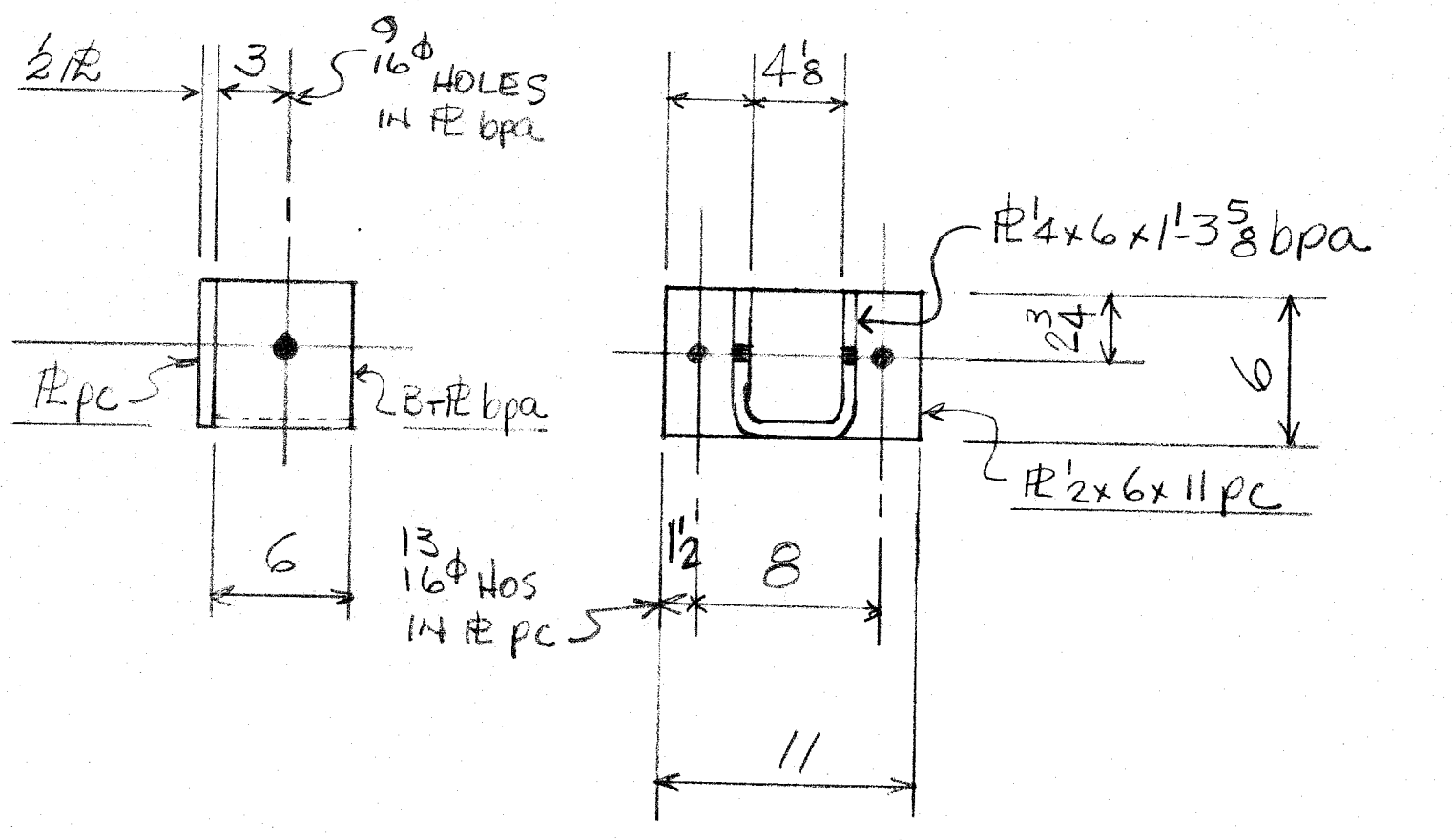
ONE (1) REQ'D BEAM MARK B5



TWO (2) REQ'D BEAM MARK B3



THREE (3) REQ'D BEAM MARK B4

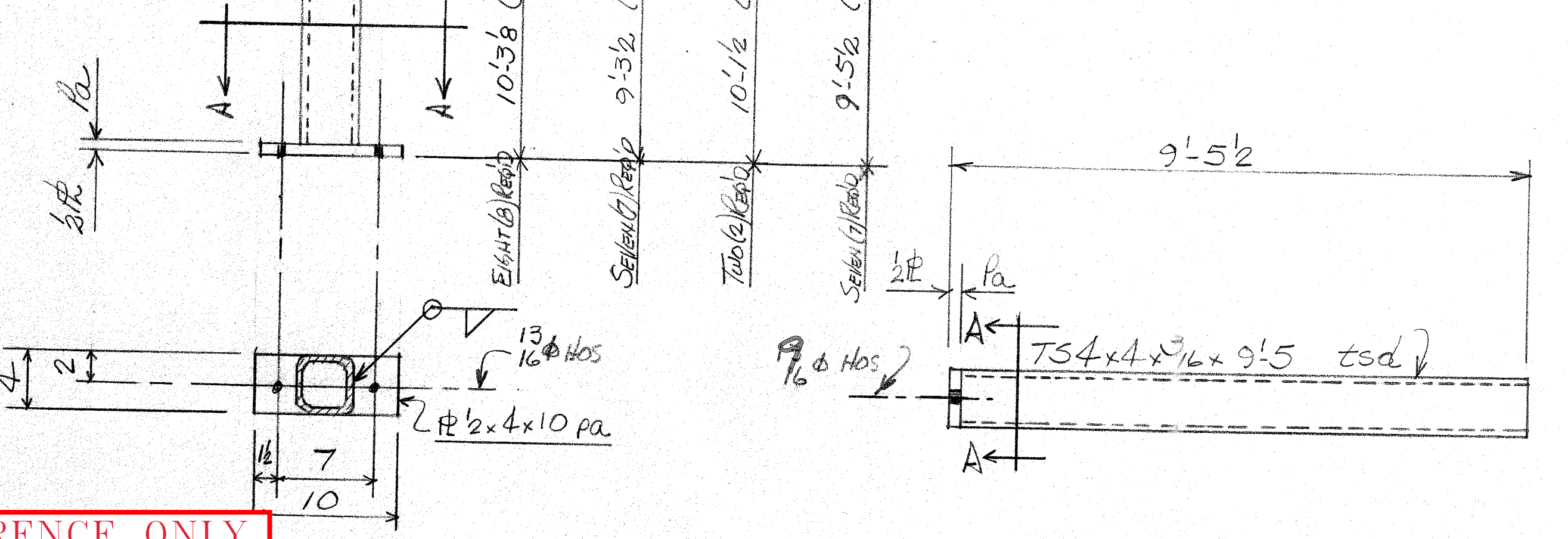


FOUR (4) REQ'D BRACKET MARK BKT1

Note:
1. SEE DRAWING NO. 4B FOR BILL OF MATERIALS.

DAVID VOLKERT & ASSOCIATES	
Approved As Submitted	By: <i>[Signature]</i>
Approved Except As Noted	Date: 8/2/82
Revise and Resubmit	
Disapproved	

APPROVAL IS TO GENERAL LAYOUT ONLY, AND IN NO WAY RELIEVES THE CONTRACTOR OR SUPPLIER OF HIS RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS, DETAILS OR WORK COVERED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND JOB CONDITIONS.



REFERENCE ONLY

SECTION "A-A"

FOUR (4) REQ'D BEAM MARK B1

TWO (2) REQ'D BEAM MARK B2

ONE (1) REQ'D BEAM MARK B6

JOHNSON WELDING COMPANY		2821 S. PERSONS WHISTLER, ALABAMA	
ALABAMA STATE JONES	SCALE	DRAWN BY	DSP
MODIFIED TERMINAL-PLANT EXPANSION		REVISOR	PARHILL
CANOPY STEEL - ERECTION PLAN & DETAILS			
DATE	APPROVED BY	DRAWING NUMBER	
7-1-82		4A	

BILL of MATERIAL

MARK	PC	Qty	DESC
C1	Eight		COLUMNS
	tsd 8		TS 4x4x ³ / ₁₆ x 10' 2 ³ / ₈
	pa 8		H 2x4 x 0-10
C2	SEVEN		COLUMNS
	tsd 7		TS 4x4x ³ / ₁₆ x 9'-3
	pa 7		H
C3	TWO		COLUMNS
	tsd 2		TS 4x4x ³ / ₁₆ x 10'-1
	pa 2		H
C4	SEVEN		COLUMNS
	tsd 7		TS 4x4x ³ / ₁₆ x 9'-5
	pa 7		H
B1	FOUR		BEAMS
	tsd 4		TS 4x4x ³ / ₁₆ x 9'-5
	pa 4		H
B2	TWO		BEAMS
	tsd 2		TS 4x4x ³ / ₁₆ x 8'-11
B3	TWO		BEAMS
	tsd 2		TS 6x4x ³ / ₁₆ x 19'-5
	pa 4		H 3x3 x 0'-5 ¹ / ₂
B4	THREE		BEAMS
	tsd 3		TS 6x4x ³ / ₁₆ x 4'-2 ¹ / ₂
B5	ONE		BEAM
	tsd 1		TS 6x4x ³ / ₁₆ x 20'-0
B6	ONE		BEAM
	tsd 1		TS 6x4x ³ / ₁₆ x 6'-2 ¹ / ₂
B7	THREE		BEAMS
	tsd 3		TS 6x4x ³ / ₁₆ x 40'-0
B8	ONE		BEAM
	tsd 1		TS 6x4x ³ / ₁₆ x 23'-2
B9	TWO		BEAMS
	tsd 2		TS 6x4x ³ / ₁₆ x 37'-4
BKT1	FOUR		BRACKETS
	pc 4		H 2x6x0'-11
	bpa 4		Beam H 4x6x1'-3 ⁵ / ₈ U
HGR1	TWO		HANGER
	bc 2		BAR 3/4" x 4'-5
	pf 4		H 3/4" x 3x 0'-7 ¹ / ₂ (see DWG 5)
CP1	TWO		CLIP PLATES
	pg 2		H 3/4" x 3x 0'-9 (see DWG 5)
DSB1	SEVEN		DOWNSPOUT BOOT
	tsd 7		TS 4x4x ³ / ₁₆ x 3'-0

REFERENCE ONLY

DAVID VOLKERT & ASSOCIATES

Approved As Submitted
 Approved Except As Noted
 Revise and Resubmit
 Disapproved

By: *[Signature]*
Date: 8/3/82

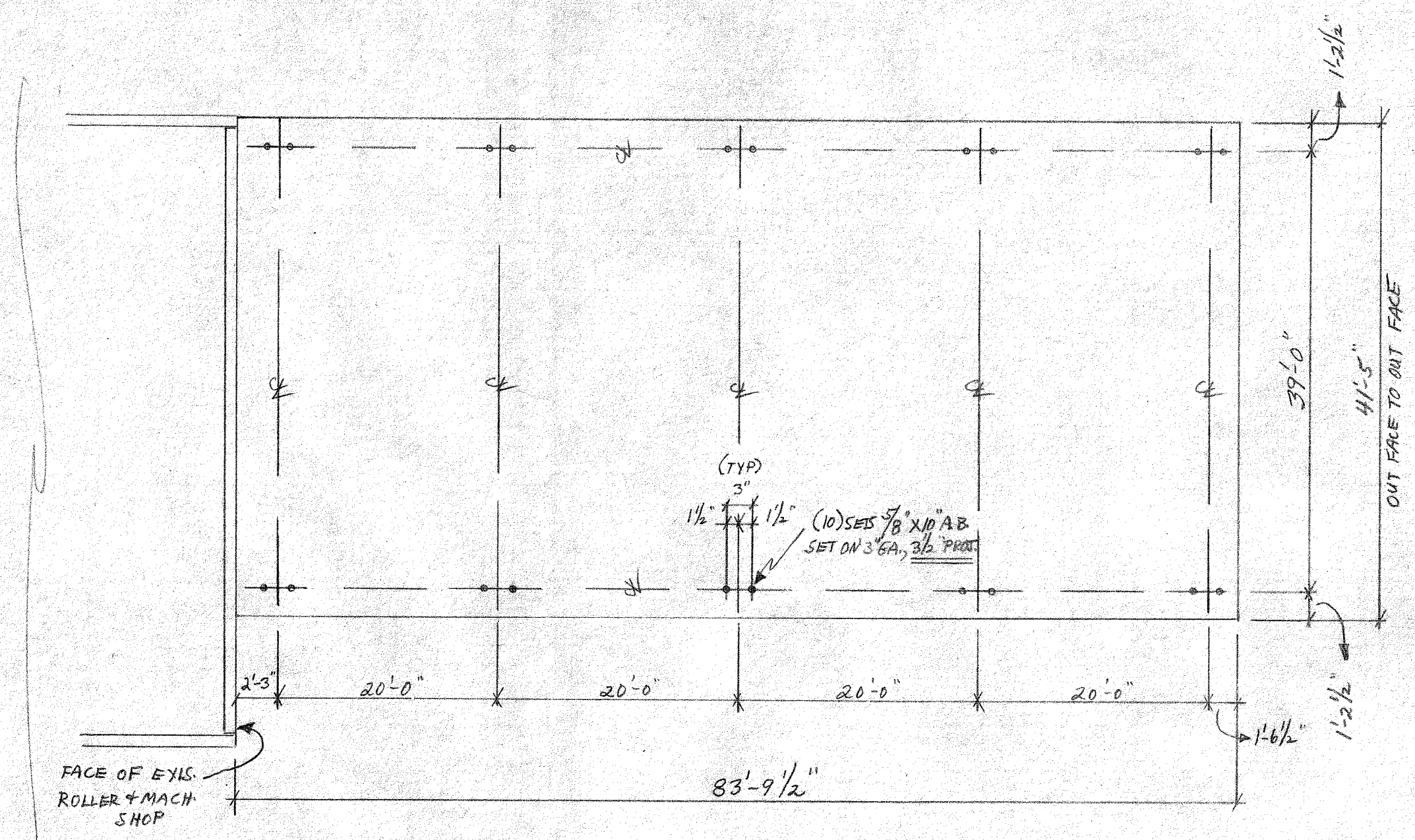
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JOHNSON WELDING COMPANY
2821 S. PERDUE
ALABAMA STATE DOCKS
MCDUFFIE TERMINAL - PLANT ECT

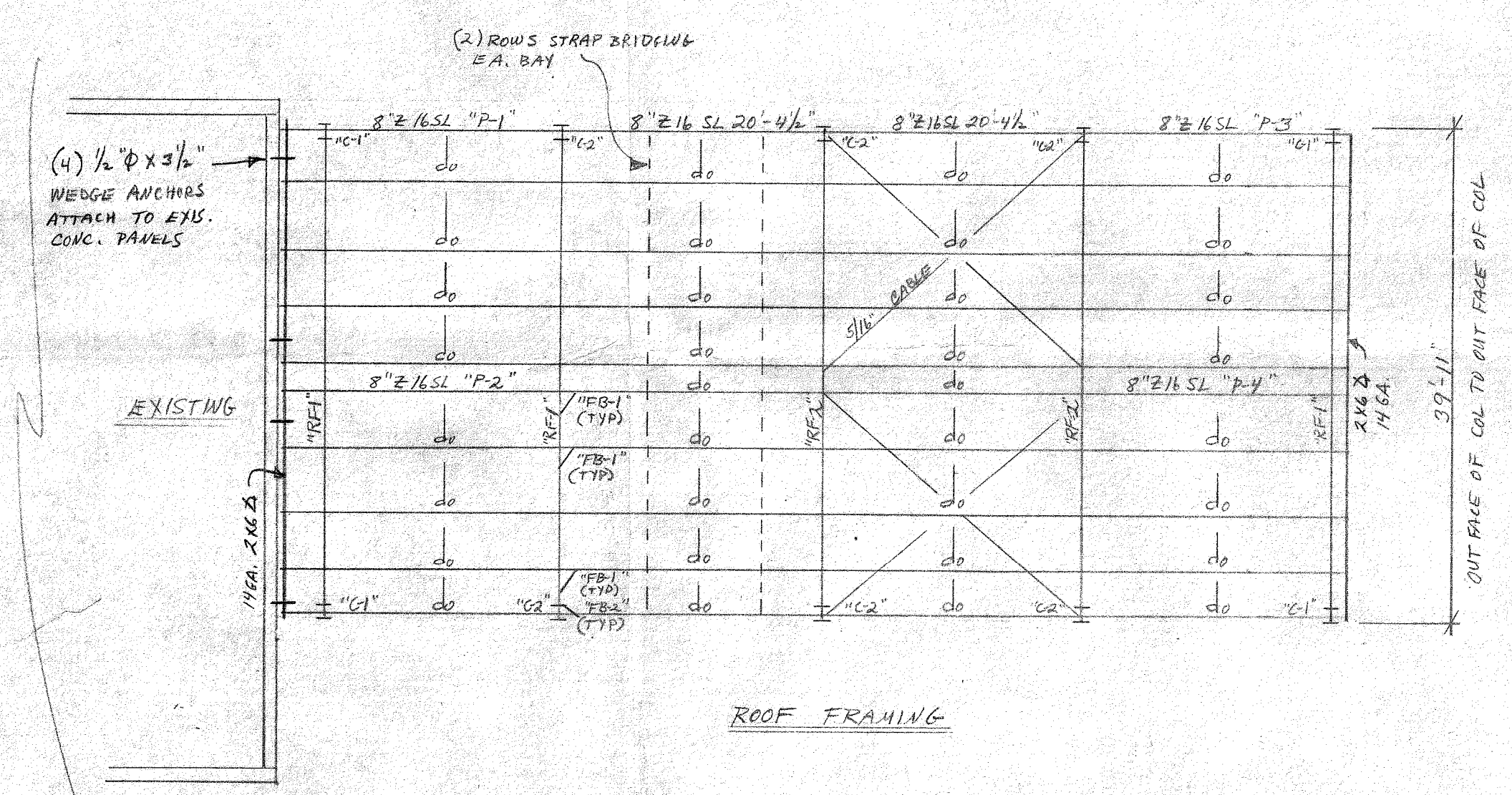
SCALE: _____
DRAWN BY: Don PARNELLE
REVISED: _____

CANOPY STEEL FRAMING
BILL OF MATERIALS for DWG # 4A

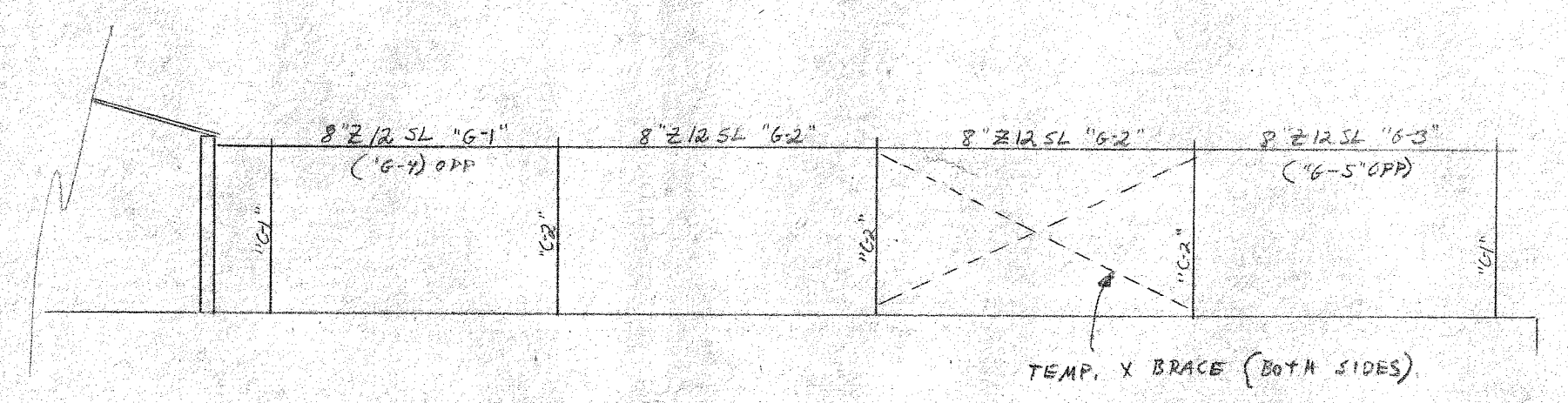
DATE: 7-7-82
APPROVED BY: _____
DRAWING NUMBER: 4B



ANCHOR BOLT PLAN

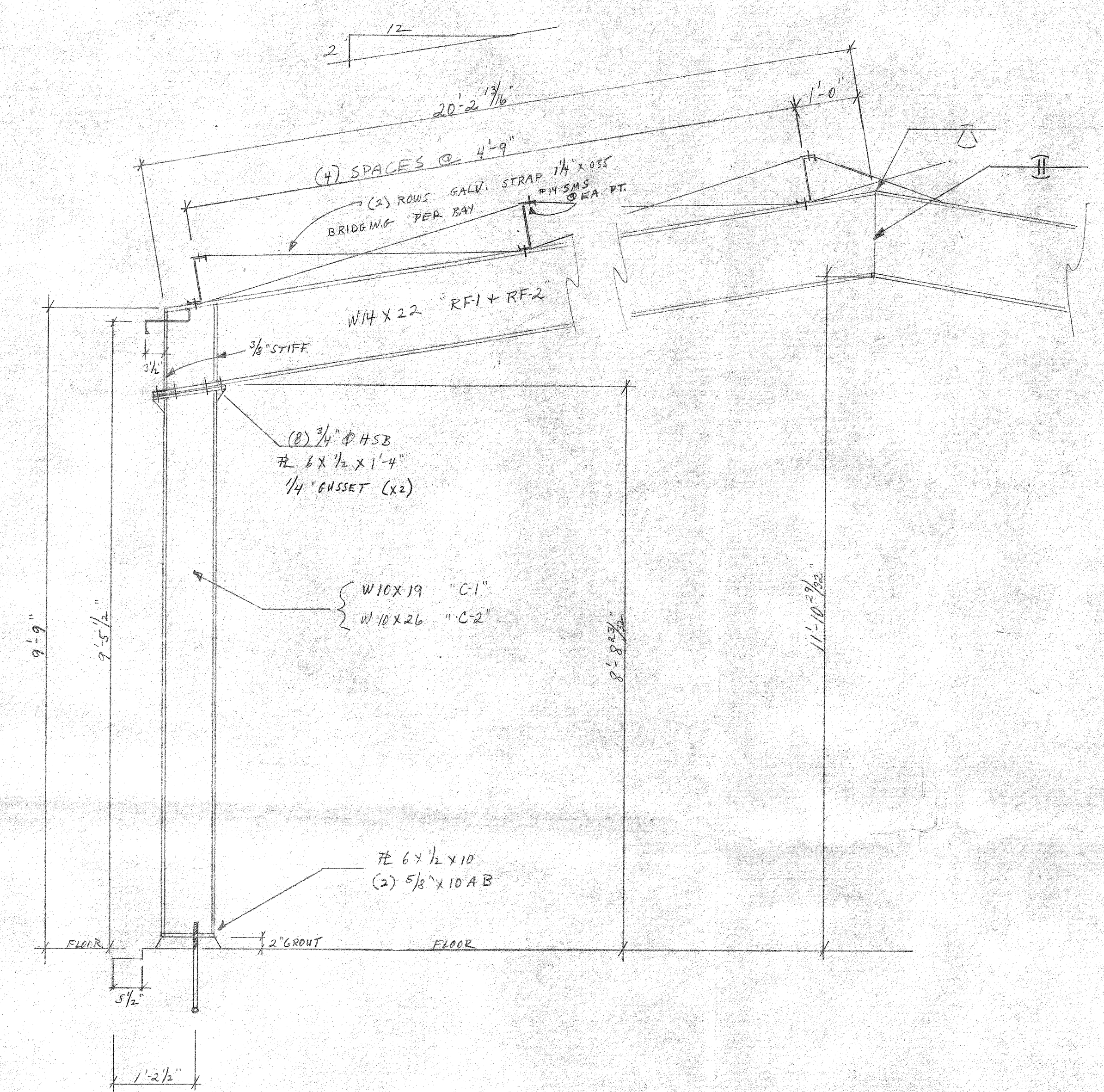


ROOF FRAMING



SIDEWALL FRAMING (TYP)

NOTE: CONC. WALL PANELS SHALL SERVE AS SIDEWALL AND ENDWALL BRACING. ERECTOR TO PROVIDE CROSS BRACING PRIOR TO ERECTION OF WALL PANELS. BRACING MAY THEN BE REMOVED.



SECTION AT FRAME (TYP)

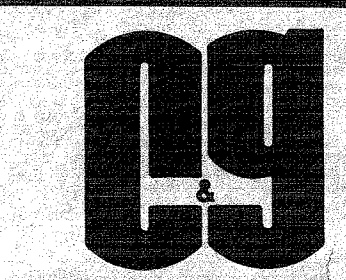
DAVID VOLKERT & ASSOCIATES	
<input checked="" type="checkbox"/> Approved As Submitted	By: <u>CH</u>
<input type="checkbox"/> Approved Except As Noted	Date: <u>7/16/82</u>
<input type="checkbox"/> Revise and Resubmit	
<input type="checkbox"/> Disapproved	

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SHOWER AND LUNCHROOM BUILDING
 McDUFFIE TERMINALS
 COAL HANDLING FACILITY
 MOBILE, ALABAMA

K2LP20 40X84X10

REFERENCE ONLY



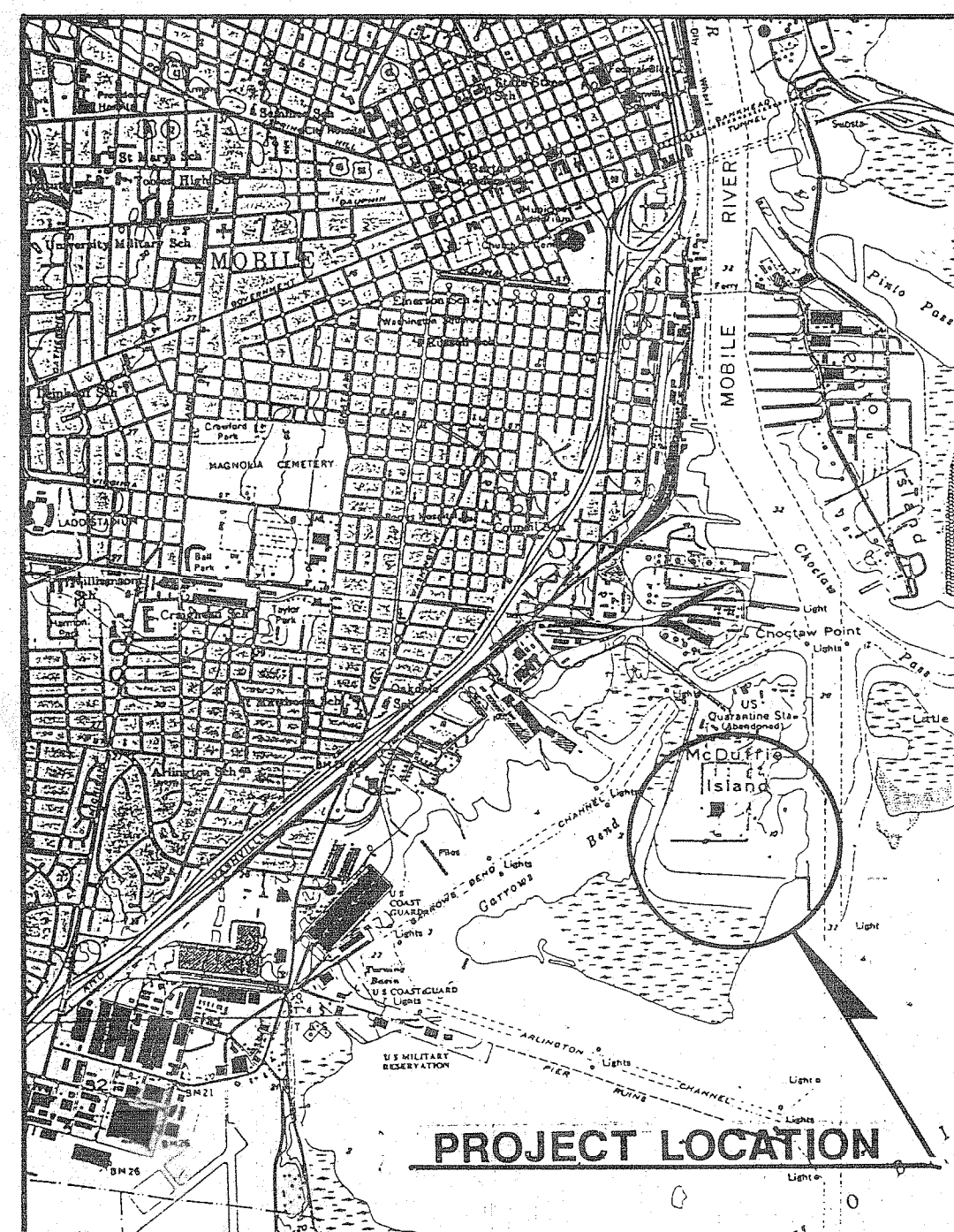
CLARK AND GEER
 CONSULTING ENGINEERS
 One Office Park Mobile, Alabama
 Drawn By: RLS Job No: 8201H Sheet
 Ck'd. By: JMC Date: 7-12-82 No: S-1

DAPHNE **KEMKO** ALABAMA
 A. O. WARD CONST. CO., INC.
 DRAWING NO. 4432M

ALABAMA STATE DOCKS DEPARTMENT
MOBILE, ALABAMA

McDUFFIE TERMINALS

OFFICE-WASHROOM BUILDING, PARKING SHED,
& ELEC. WAREHOUSE LOADING DOCK EXTENSION



VICINITY MAP

A.F.E. NO. 1721

A.S.D. SPEC. NO. 543

JULY, 1991

GUY HUNT, GOVERNOR

JOHN B. DUTTON, DIRECTOR

AS BUILT
CHKD. BY: WRE DATE: 6/3/92

DAVID VOLKERT & ASSOCIATES, INC.

RECOMMENDED BY: *J.R.S.* 7-23-91
VICE PRESIDENT DATE
PREPARED BY: *Chuck C. Wilson* 7-23-91
PROJECT ENGINEER DATE

DAVID
VOLKERT
& ASSOCIATES, INC.

REFERENCE ONLY

A.F.E. NO.	SPEC. NO.	SHEET NO.
	543	ID-1

INDEX OF DRAWINGS

GENERAL:

- CS-1 COVER SHEET
- ID-1 INDEX OF DRAWINGS
- G-1 SITE PLAN
- G-2 OFFICE-WASHROOM BLDG., EXISTING TOPOGRAPHY
- G-3 OFFICE-WASHROOM BLDG., SITE PLAN
- G-4 OFFICE-WASHROOM BLDG., SITE PLAN DETAILS

ARCHITECTURAL:

- A1 OFFICE-WASHROOM BLDG., ARCHITECTURAL FLOOR PLAN
- A2 OFFICE-WASHROOM BLDG., CEILING PLAN
- A3 OFFICE-WASHROOM BLDG., EXTERIOR ELEVATIONS
- A4 OFFICE-WASHROOM BLDG., SECTION & DETAILS
- A5 OFFICE-WASHROOM BLDG., INTERIOR ELEVATIONS
- A6 OFFICE-WASHROOM BLDG., DETAILS
- A7 PARKING SHED, FLOOR PLAN
- A8 PARKING SHED, EXTERIOR ELEVATIONS
- A9 PARKING SHED, DETAILS

STRUCTURAL:

- S-1 OFFICE-WASHROOM BLDG., STRUCTURAL DETAILS

ELECTRICAL:

- E1 OFFICE-WASHROOM BLDG., POWER PLANS
- E2 OFFICE-WASHROOM BLDG., LIGHTING PLANS

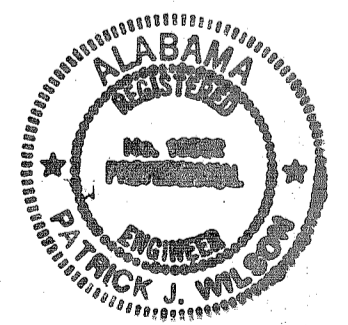
MECHANICAL:

- P1 OFFICE-WASHROOM BLDG., PLUMBING PLAN & DETAILS
- P2 OFFICE-WASHROOM BLDG., PLUMBING PLAN & DETAILS
- M1 OFFICE-WASHROOM BLDG., MECHANICAL PLAN & DETAILS

LOADING DOCK:

- L-1 LOADING DOCK EXTENSION, FOUNDATION PLAN & DETAILS
- L-2 LOADING DOCK EXTENSION, RAMP PLAN & DETAILS

AS BUILT
CRD. BY: WEB DATE 6/3/92

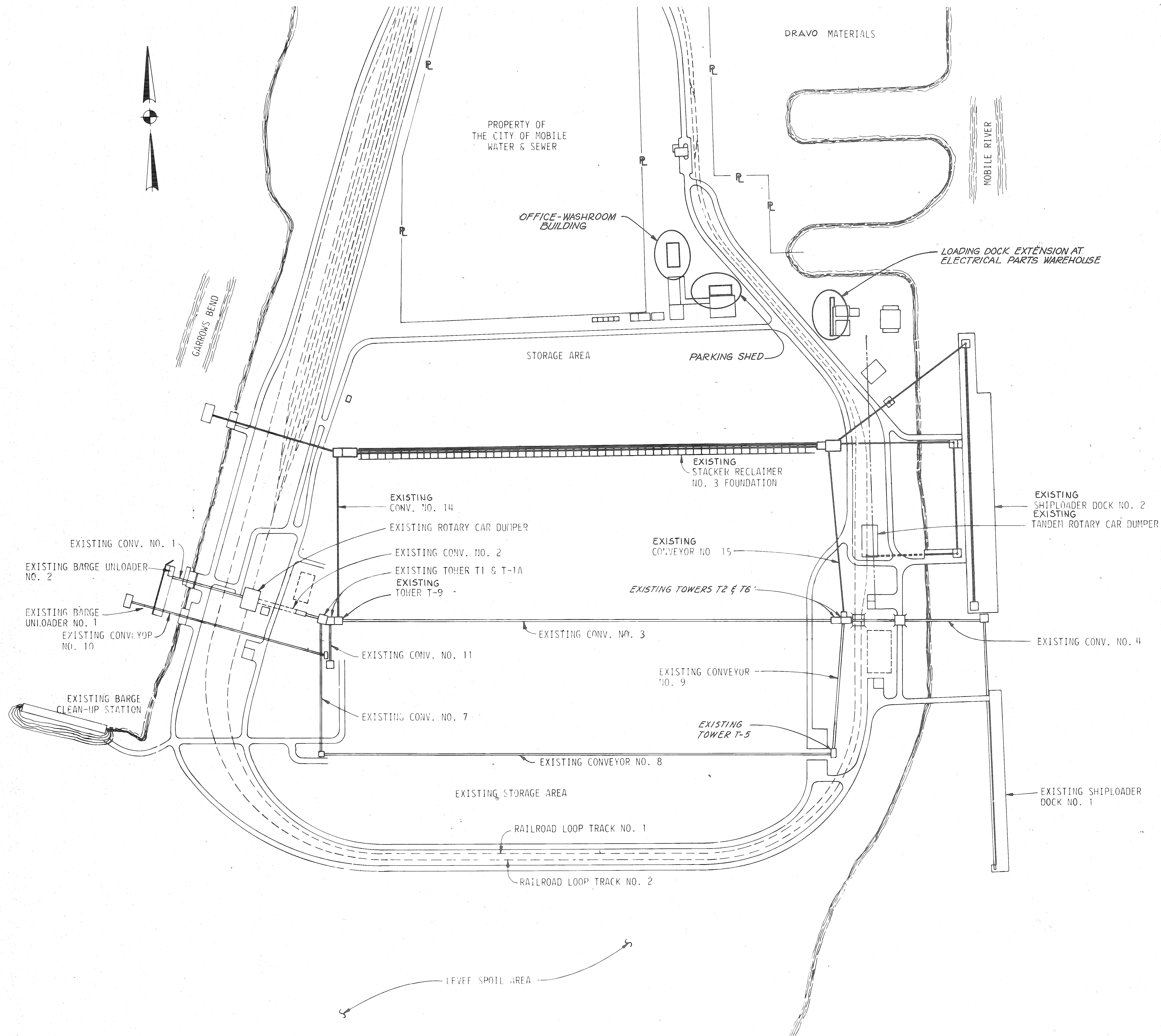


ALABAMA STATE DOCKS		
MCDUFFIE TERMINALS OFFICE-WASHROOM BLDG., PARKING SHED, & LOADING DOCK EXTENSION INDEX OF DRAWINGS		
DAVID VOLKERT & ASSOCIATES CONSULTING ENGINEERS		
DESIGNED	DETAILED T.L.M.	TRACED
CHECKED	CHECKED P.J.W.	CHECKED
DATE 7-29-91		

REVISIONS	
-----------	--

REFERENCE ONLY

INDRAMS.DGN (07/22/91)
 Indraws.plt
 ca:\p01\penn\gdn.tbl
 DVA GRAPHICS



AS BUILT
 OK'D BY WEB DATE 6/13/92



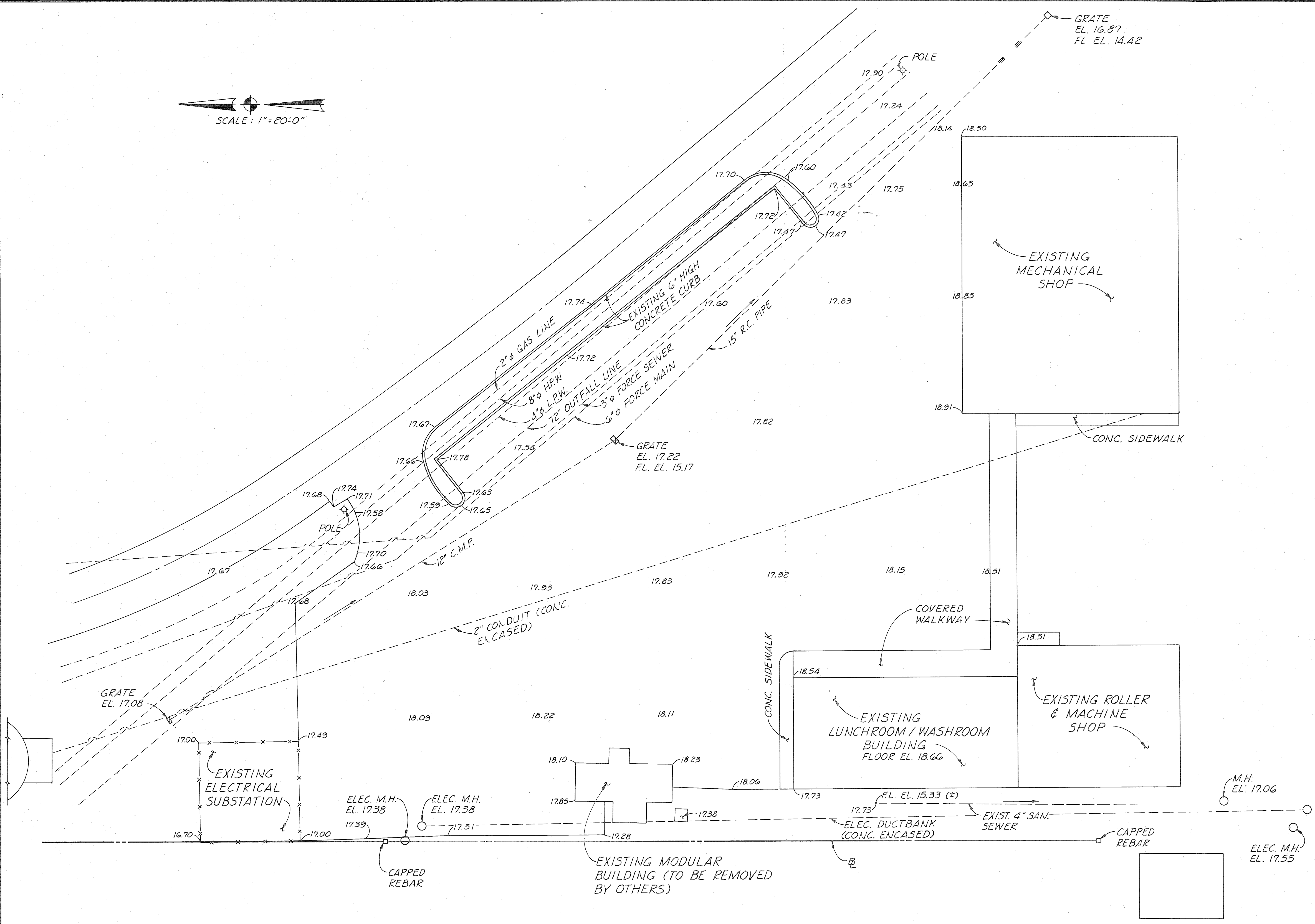
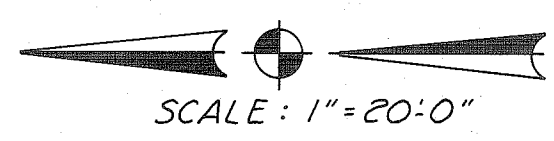
ALABAMA STATE DOCKS

Mc DUFFIE TERMINALS
 OFFICE-WASHROOM BLDG., PARKING SHED
 & ELEC. WAREHOUSE LOADING DOCK
 EXTENSION

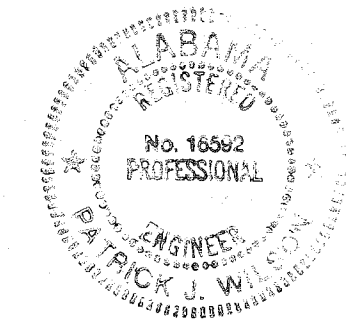
SITE PLAN
 DAVID VOLKERT & ASSOCIATES, INC.
 CONSULTING ENGINEERS

DESIGNED	H.S.W.	DETAILED	C.A.G.	TRACED
CHECKED		CHECKED	H.S.W.	CHECKED
REVISIONS		DATE 7-23-91		

REFERENCE ONLY



AS BUILT
 CHG. BY: WRS DATE: 6/13/97



ALABAMA STATE DOCKS

McDUFFIE TERMINALS

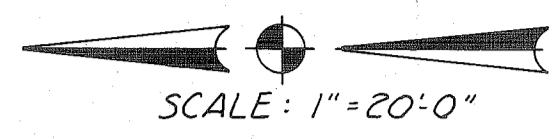
MAINTENANCE OFFICE - WASHROOM BLDG. EXISTING TOPOGRAPHY

DAVID VOLKERT & ASSOCIATES, INC.
CONSULTING ENGINEERS

DESIGNED P.J.W.	DETAILED J.W.C.	TRACED J.W.C.
CHECKED	CHECKED P.J.W.	CHECKED
REVISIONS		DATE 7-23-91

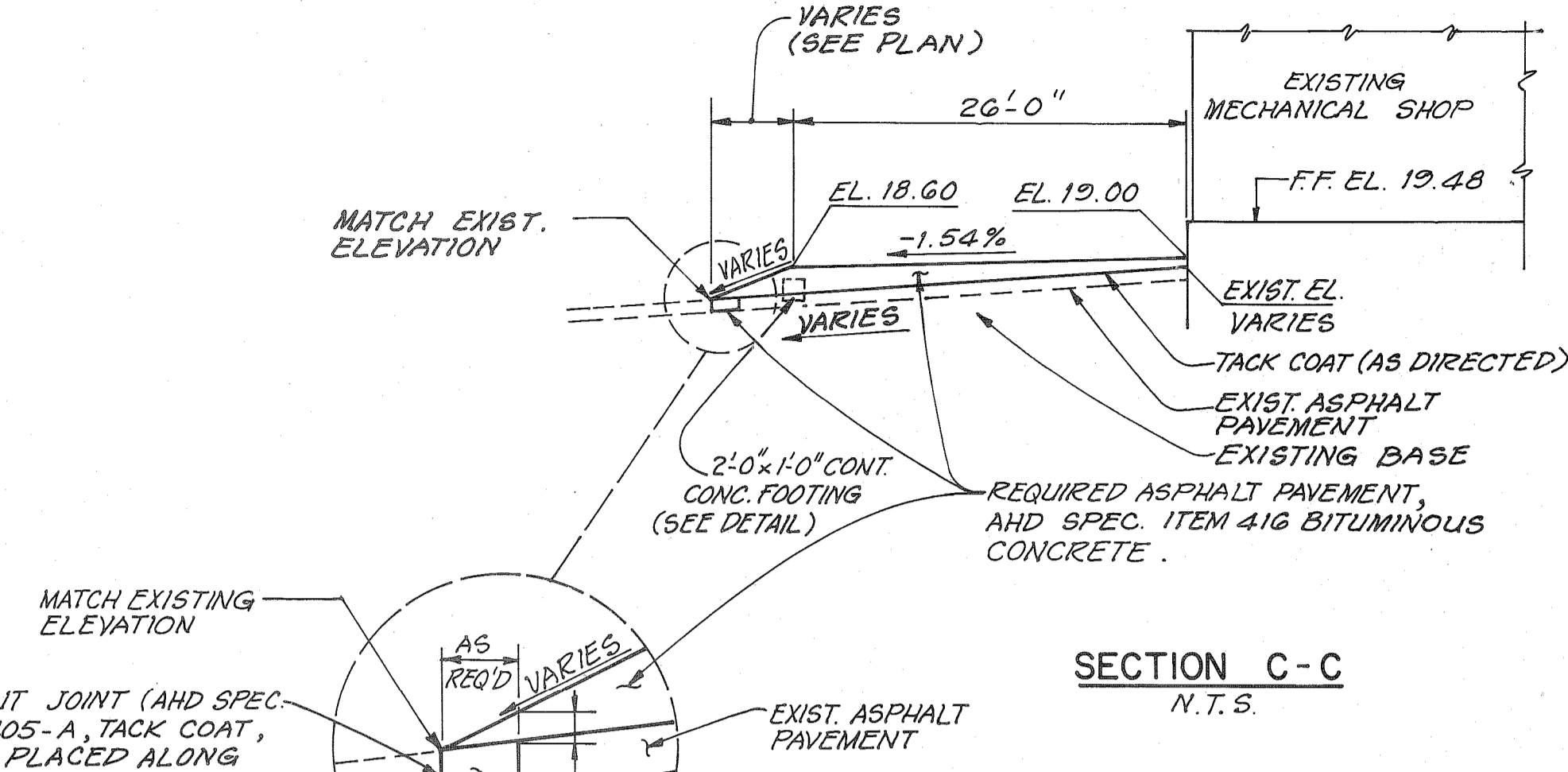
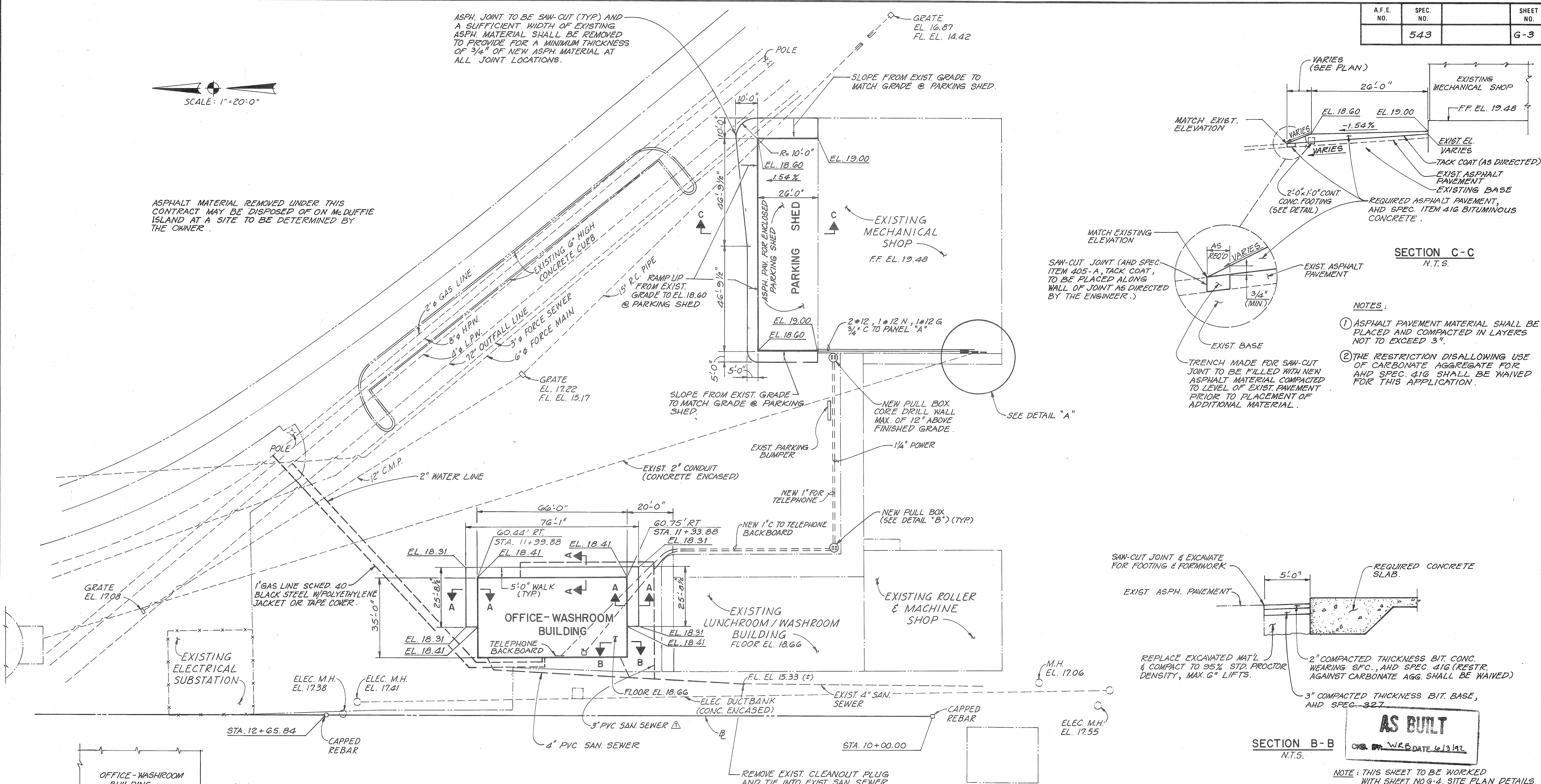
REFERENCE ONLY

A.F.E. NO.	SPEC. NO.	SHEET NO.
	543	G-3

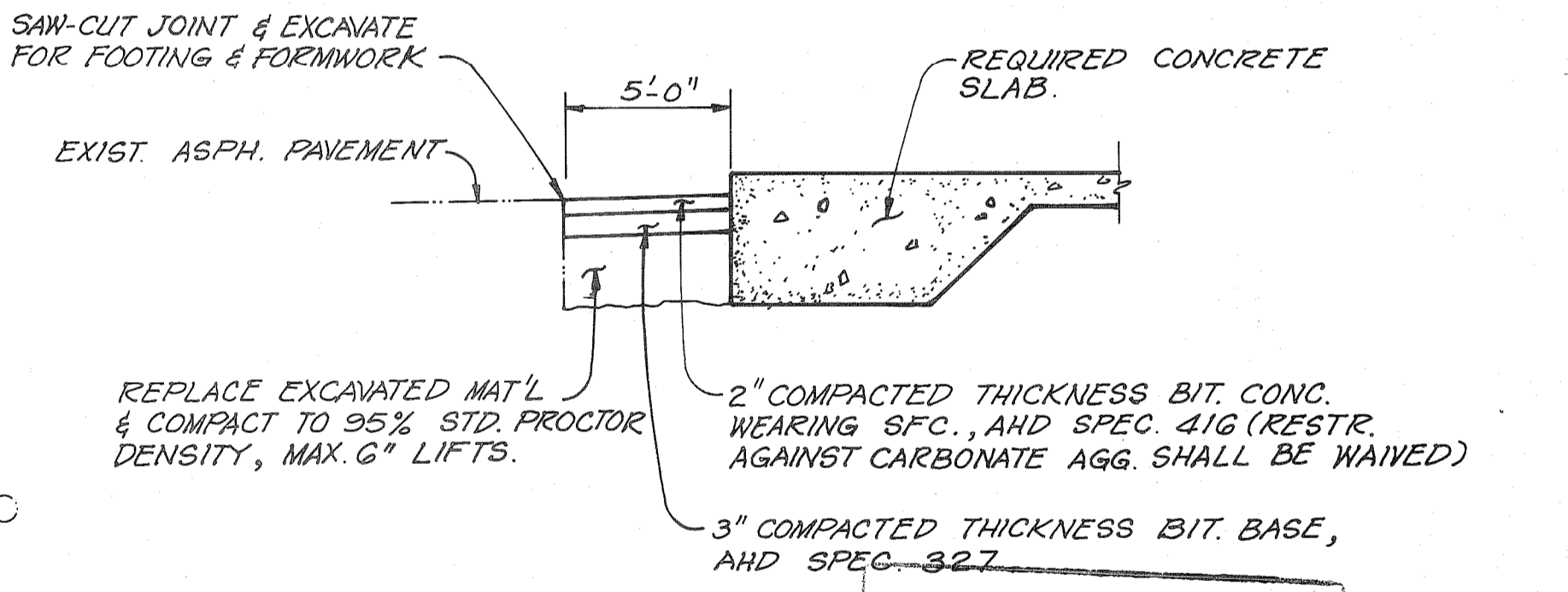


ASPHALT MATERIAL REMOVED UNDER THIS CONTRACT MAY BE DISPOSED OF ON McDUFFIE ISLAND AT A SITE TO BE DETERMINED BY THE OWNER.

ASPH. JOINT TO BE SAW-CUT (TYP) AND A SUFFICIENT WIDTH OF EXISTING ASPH. MATERIAL SHALL BE REMOVED TO PROVIDE FOR A MINIMUM THICKNESS OF 3/4" OF NEW ASPH. MATERIAL AT ALL JOINT LOCATIONS.

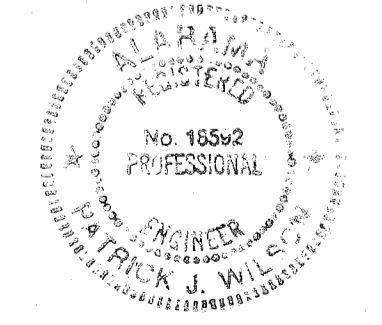


- NOTES:
- ASPHALT PAVEMENT MATERIAL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 3".
 - THE RESTRICTION DISALLOWING USE OF CARBONATE AGGREGATE FOR AND SPEC. 416 SHALL BE WAIVED FOR THIS APPLICATION.



AS BUILT
DATE 6/13/91

NOTE: THIS SHEET TO BE WORKED WITH SHEET NO. G-4, SITE PLAN DETAILS.



ALABAMA STATE DOCKS
McDUFFIE TERMINALS
MAINTENANCE
OFFICE - WASHROOM BLDG.
SITE PLAN

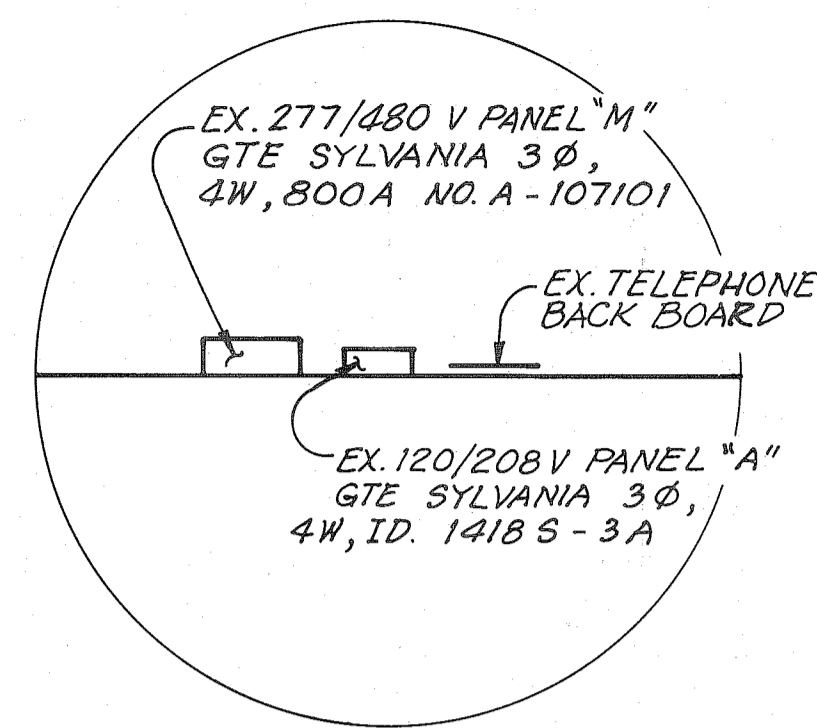
DAVID VOLKERT & ASSOCIATES, INC.
CONSULTING ENGINEERS

DESIGNED	P.J.W.	DATE	6-2-92	TRACED	J.W.C.
CHECKED		CHECKED	W.J.C.	CHECKED	
REVISIONS		DATE 7-23-91			

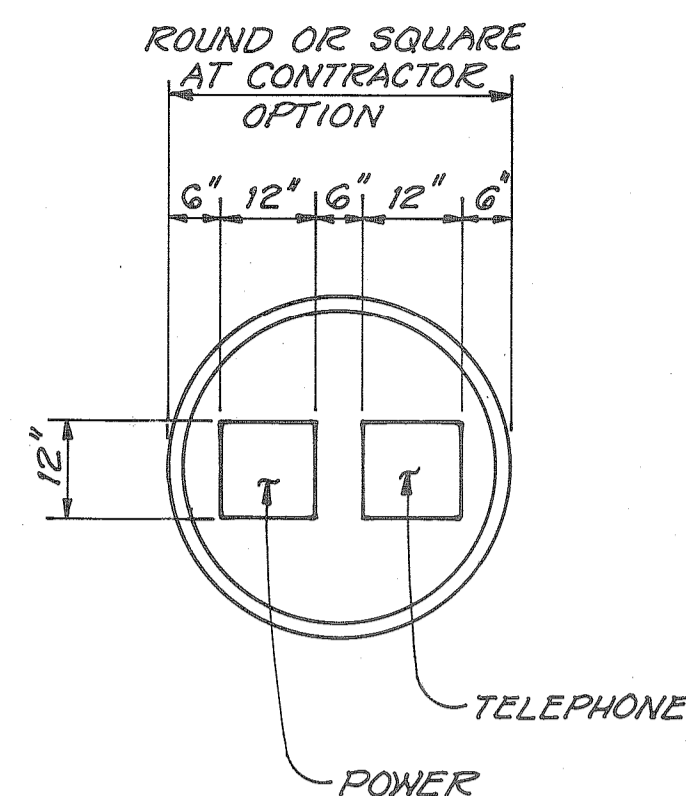
- NOTES:
- REMOVE EXIST. ASPHALT MATERIAL AND ANY DEPTH OF BASE MATERIAL NECESSARY TO CONSTRUCT 4" THICK CONCRETE WALK. LEVEL AND BACKFILL WITH TYPE A SAND BACKFILL AS REQUIRED.
 - TOOLED CONTRACTION JOINTS @ 6' MAX. INTERVALS AND 1/8" THICK PREFORMED EXPANSION JOINTS @ 30' MAX. INTERVALS SHALL BE PROVIDED.

SECTION A-A
N.T.S.

REFERENCE ONLY



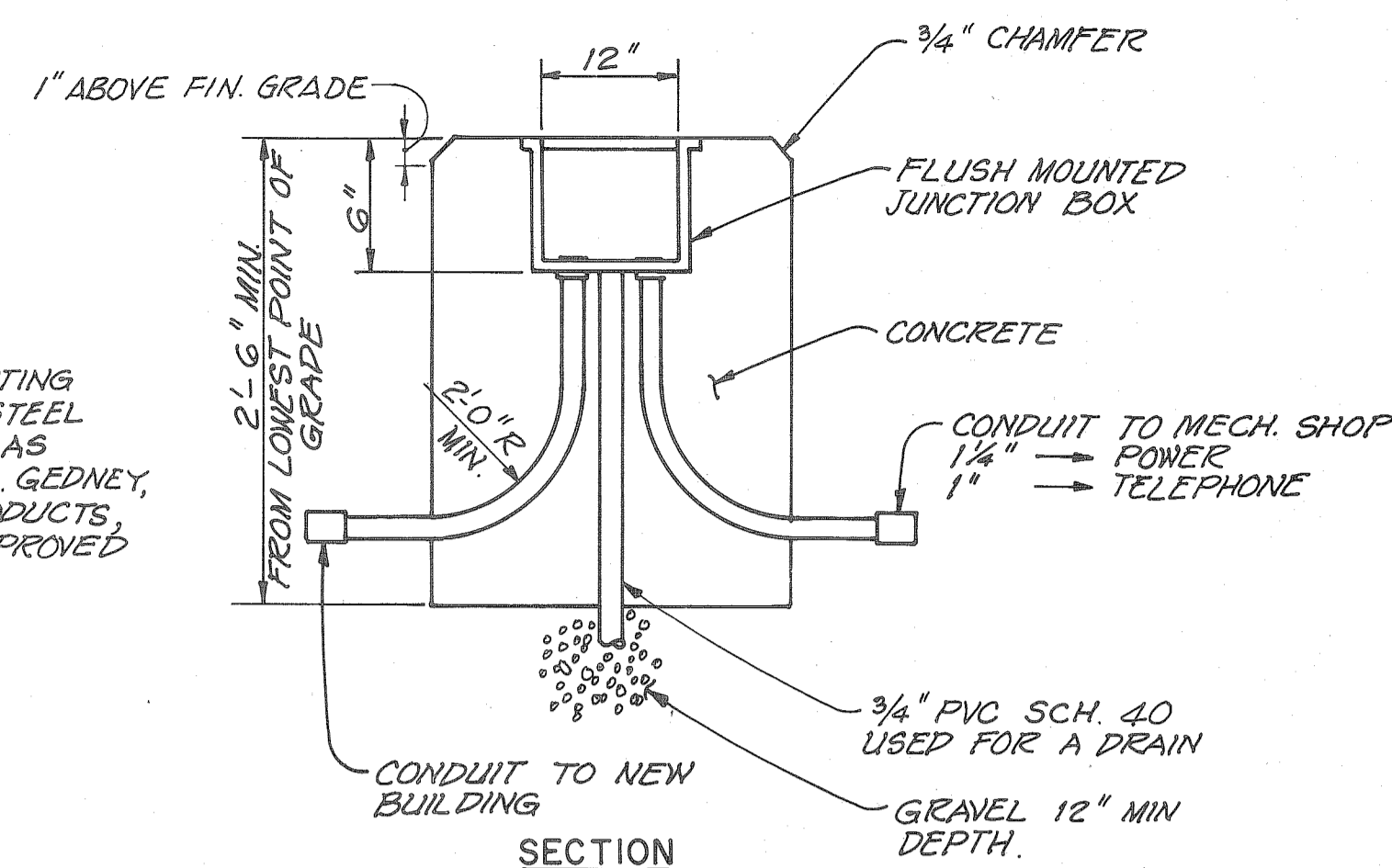
DETAIL "A"
N.T.S.



PLAN

TYPE "YR" FLUSH MOUNTING SIDEWALK BOX WITH STEEL CHECKERED COVER AS MANUFACTURED BY O.Z. GEDNEY, HOPE ELECTRICAL PRODUCTS, CROUSE-HINDS OR APPROVED EQUAL.

DETAIL "B"
N.T.S.

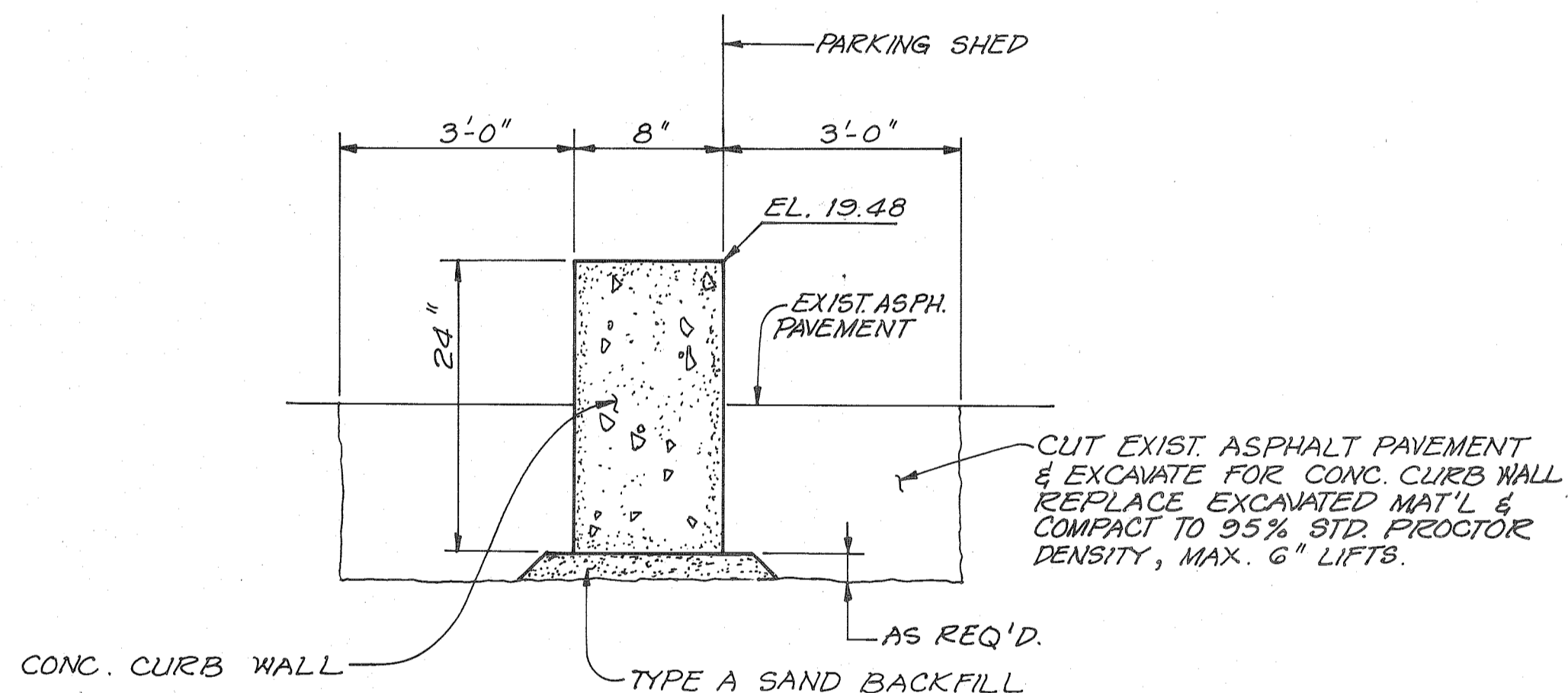


SECTION

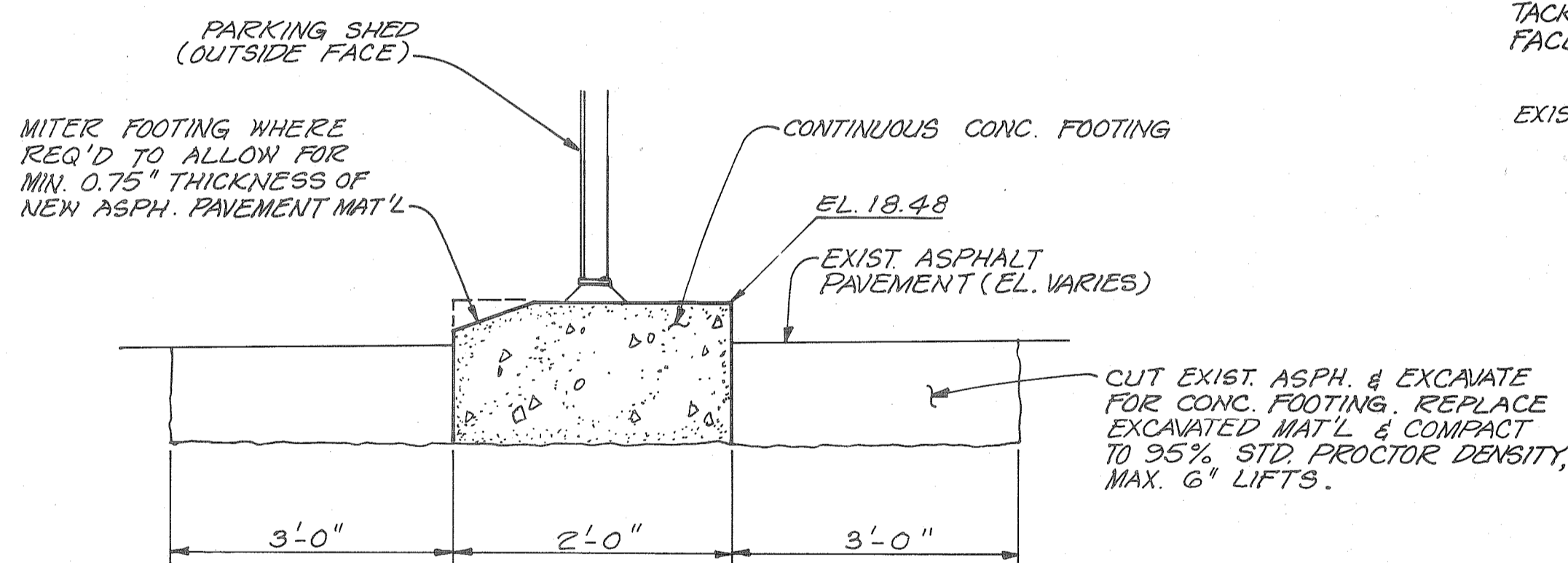
NOTES:

- ① ALL EXPOSED CONDUIT SHALL BE GALVANIZED RIGID.
- ② CONTRACTOR SHALL INSTALL ALL NEW CONDUIT IN MECHANICAL SHOP ABOVE EX. BRIDGE CRANE.
- ③ CONTRACTOR SHALL CORE DRILL WALL OF MECHANICAL SHOP FOR CONDUIT PENETRATION.
- ④ CONTRACTOR SHALL INSTALL 2-20A CB IN EX. PANEL 'A' FOR NEW PARKING SHED.
 - 1 INSIDE LIGHTS
 - 2 OUTSIDE LIGHTS
- ⑤ ALL WALL PENETRATION FROM MECH. SHOP SHALL BE AS LOW AS POSSIBLE ON OUTSIDE WALL.
- ⑥ CONTRACTOR SHALL SEAL ALL WALL PENETRATIONS WITH EPOXY GROUT.
- ⑦ CONTRACTOR SHALL SAW CUT ALL PAVEMENT REMOVED FOR INSTALLATION OF CONDUIT. COMPACT BACKFILL AND REPLACE ASPHALT (2" MIN.)
- ⑧ CONTRACTOR SHALL REMOVE PARKING BUMPERS DURING PAVEMENT PATCHING IN ORDER TO OBTAIN ACCEPTABLE COMPACTION.

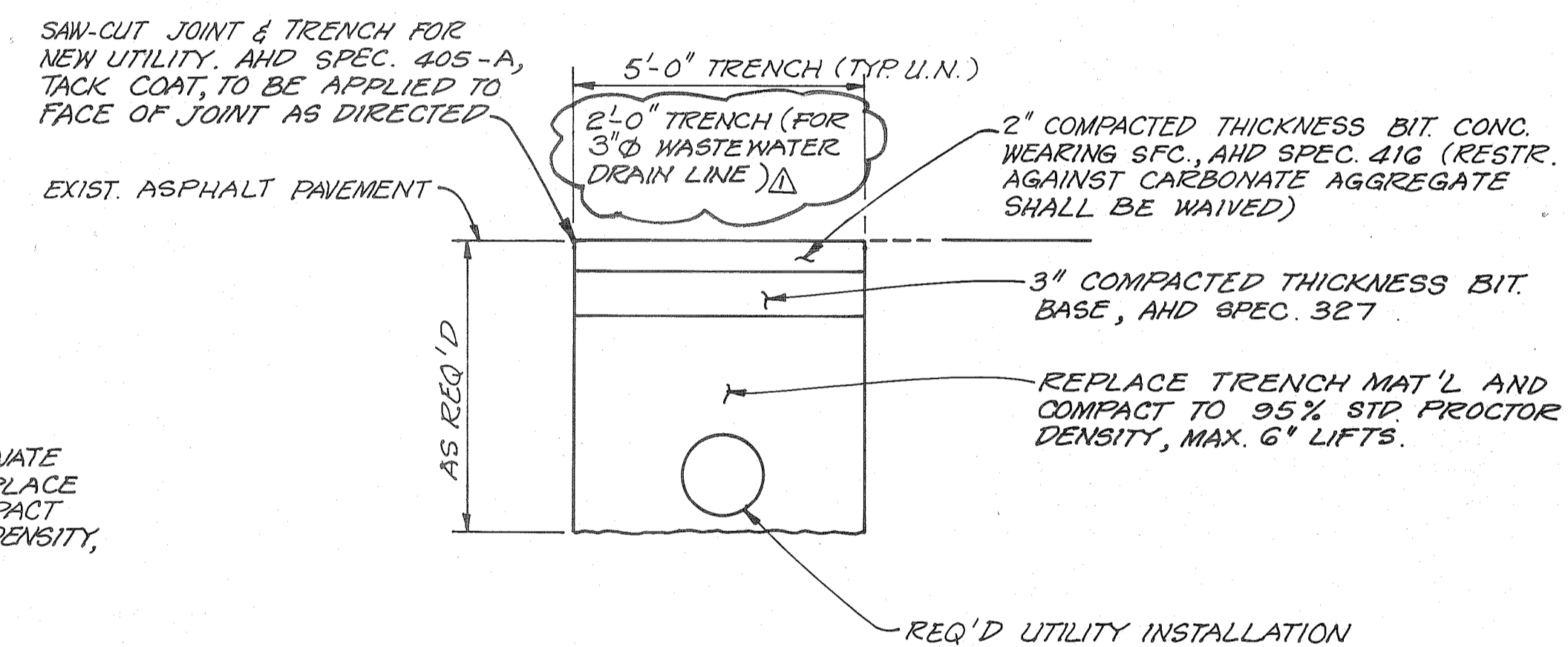
▲ AS BUILT



**DETAIL OF MAT'L EXCAVATION FOR CONC. CURB WALL
EAST & WEST ENDS OF PARKING SHED**
N.T.S.



**DETAIL OF MAT'L EXCAVATION FOR CONTINUOUS CONC. FOOTING
AT NORTH SIDE OF PARKING SHED**
N.T.S.



**TYPICAL UNDERGROUND UTILITY TRENCH DETAIL
(PAVED AREA)**
N.T.S.

NOTE:
U.N. DENOTES UNLESS NOTED

AS BUILT

DATE 6/13/92

ALABAMA STATE DOCKS

McDUFFIE TERMINALS
MAINTENANCE
OFFICE - WASHROOM BLDG.
SITE PLAN DETAILS

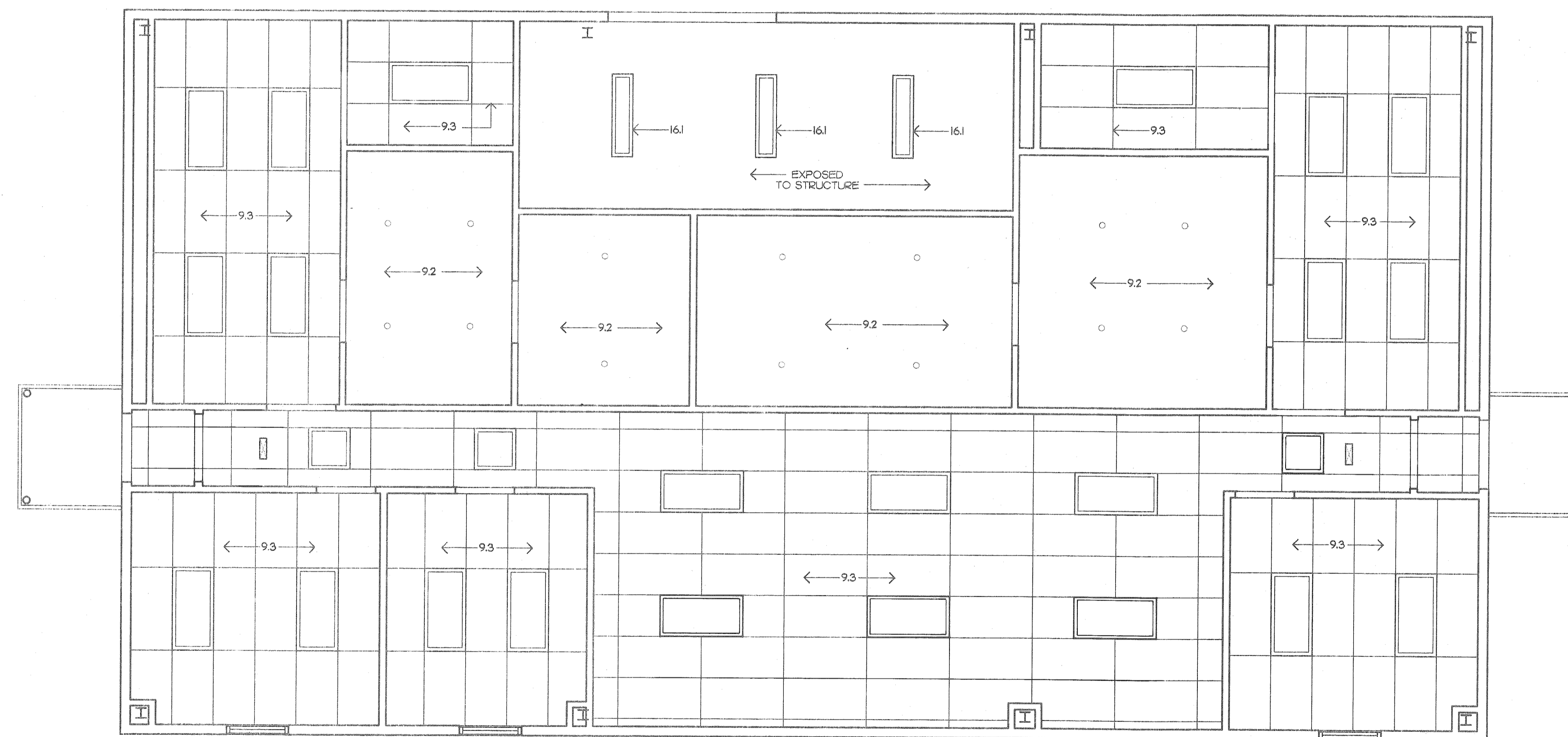
DAVID VOLKERT & ASSOCIATES, INC.
CONSULTING ENGINEERS

DESIGNED	DATE	DETAILED K.K.L.	TRACED K.K.L.
CHECKED		CHECKED W.J.C.	CHECKED
REVISIONS	DATE 7-23-91		

KEYNOTES

- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN).
3 4" CONCRETE WALL SLAB OVER GRANULAR FILL.
4 RECESSED PREMOULDED JOINT FILLER, COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE SEE SHEET 5-1
3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET 5-1)
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS OR ANCHOR BOLTS SET INTO CONCRETE FOOTING PEDESTAL PACK VOID WITH NON-SHRINK GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X8 18 GA. STRUCTURAL STEEL CEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SECURED TO METAL BUILDING PURLINS.
- 06 1 PLASTIC LAMINATE COUNTERTOP, EDGE ON 3/4" PLYWOOD.
2 WOOD BLOOMING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE), POSITIVE CONTINUOUS BACK-UP FOR BACKER ROD AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES, PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS. PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 6" VINYL FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR, REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME, FILL HEAD AND JAMBS WITH GROUT IN EXTERIOR WALL, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW OPERABLE, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT. REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRITS.
3 SUSPENDED ACOUSTICAL CEILING.
4 CERAMIC WALL TILE.
5 CERAMIC FLOOR TILE.
6 MOLDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRITS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK. SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" OMB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" OMB
15 26 GA. METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STANDING SEAM ROOF PANELS.
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING "Z" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING "Z" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL RAKE TRIM TO MATCH GUTTER PROFILE.
9 VENTILATED RIDGE WITH BIRD SCREEN AND ROOF PANEL CLOSURE ASSEMBLY.
- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN
- 16 1 SUSPENDED LIGHT FIXTURE
2 TROFFER LIGHT FIXTURE
3 EXIT LIGHT.

REFLECTED CEILING LEGEND	
	2' X 2' FLUORESCENT FIXTURE
	2' X 4' FLUORESCENT FIXTURE
	1' X 4' FLUORESCENT FIXTURE
	RECESSED DOWNLIGHT
	EXIT LIGHT
	EMERGENCY LIGHT FIXTURE
	HVAC RETURN
	SMOKE DETECTOR



A REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

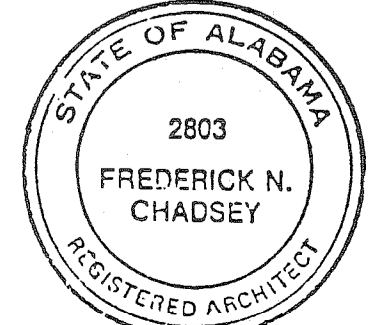


AS BUILT
CHD. BY W.R.P. DATE 01/19/92

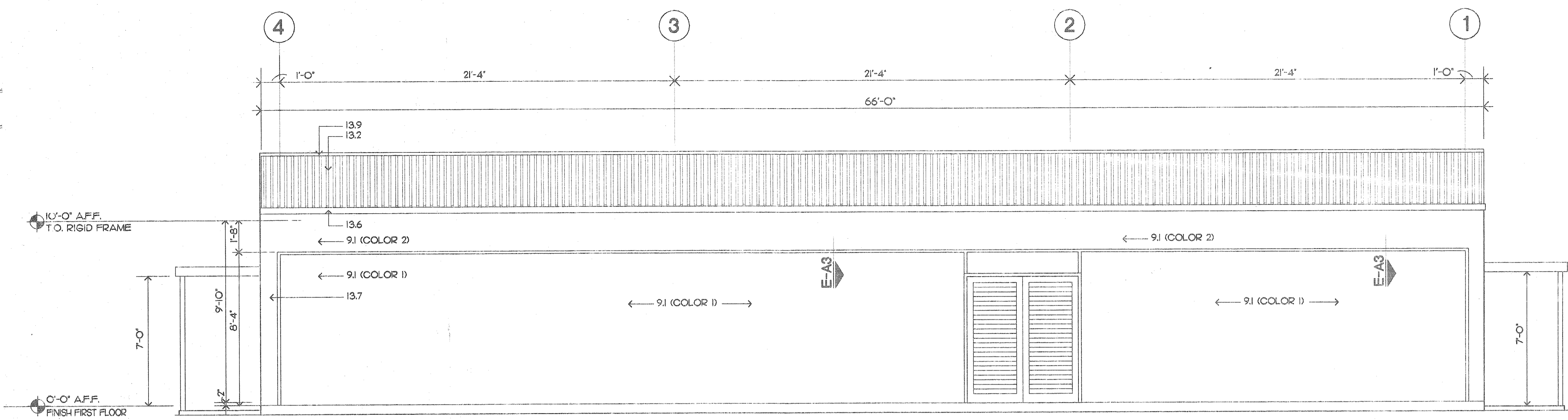
REFERENCE ONLY

**OFFICE - WASHROOM BUILDING
PARKING SHED
McDUFFIE TERMINAL**

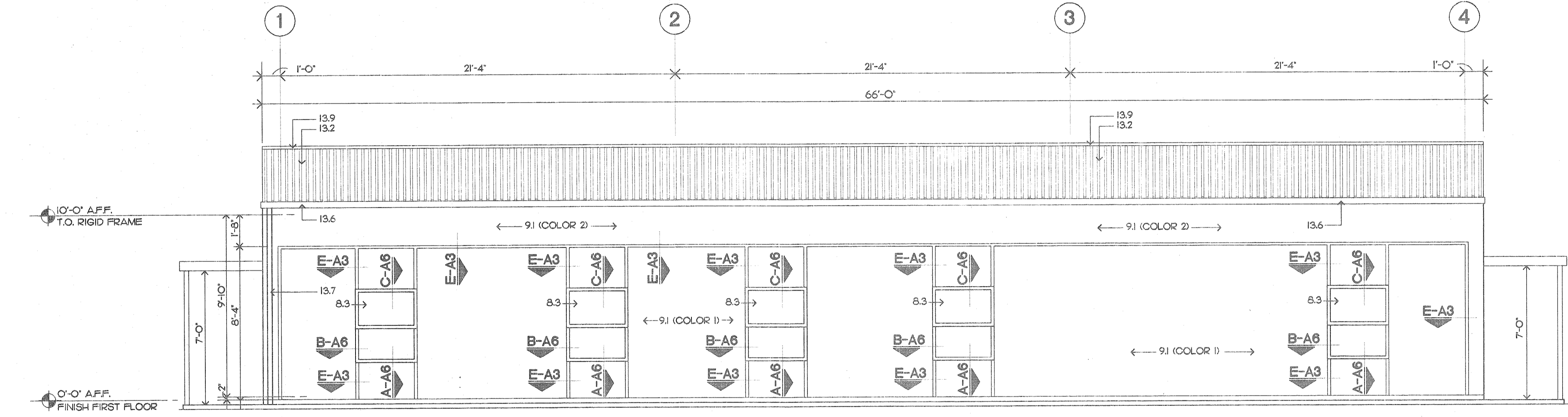
DV&A
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
2809 MOFFETT ROAD MOBILE AL 36618 205-342-1070



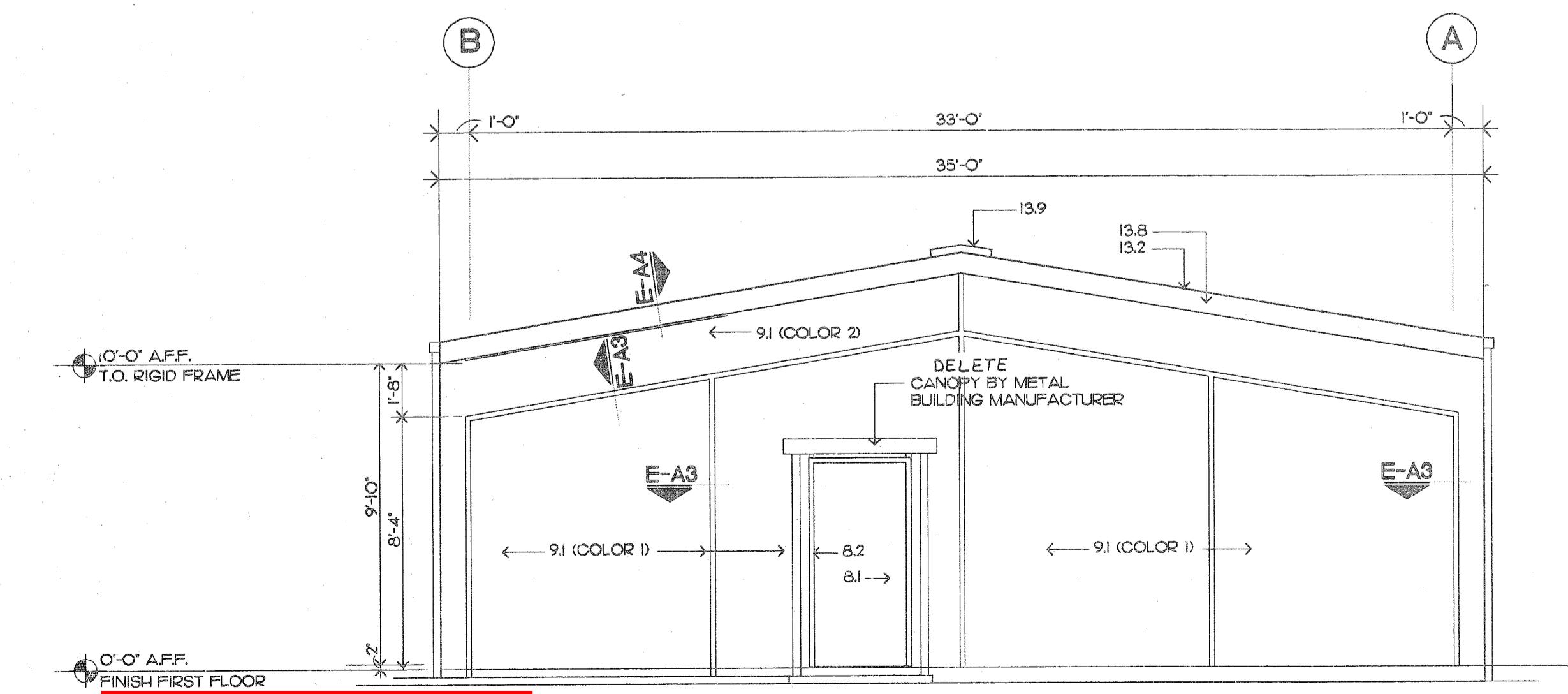
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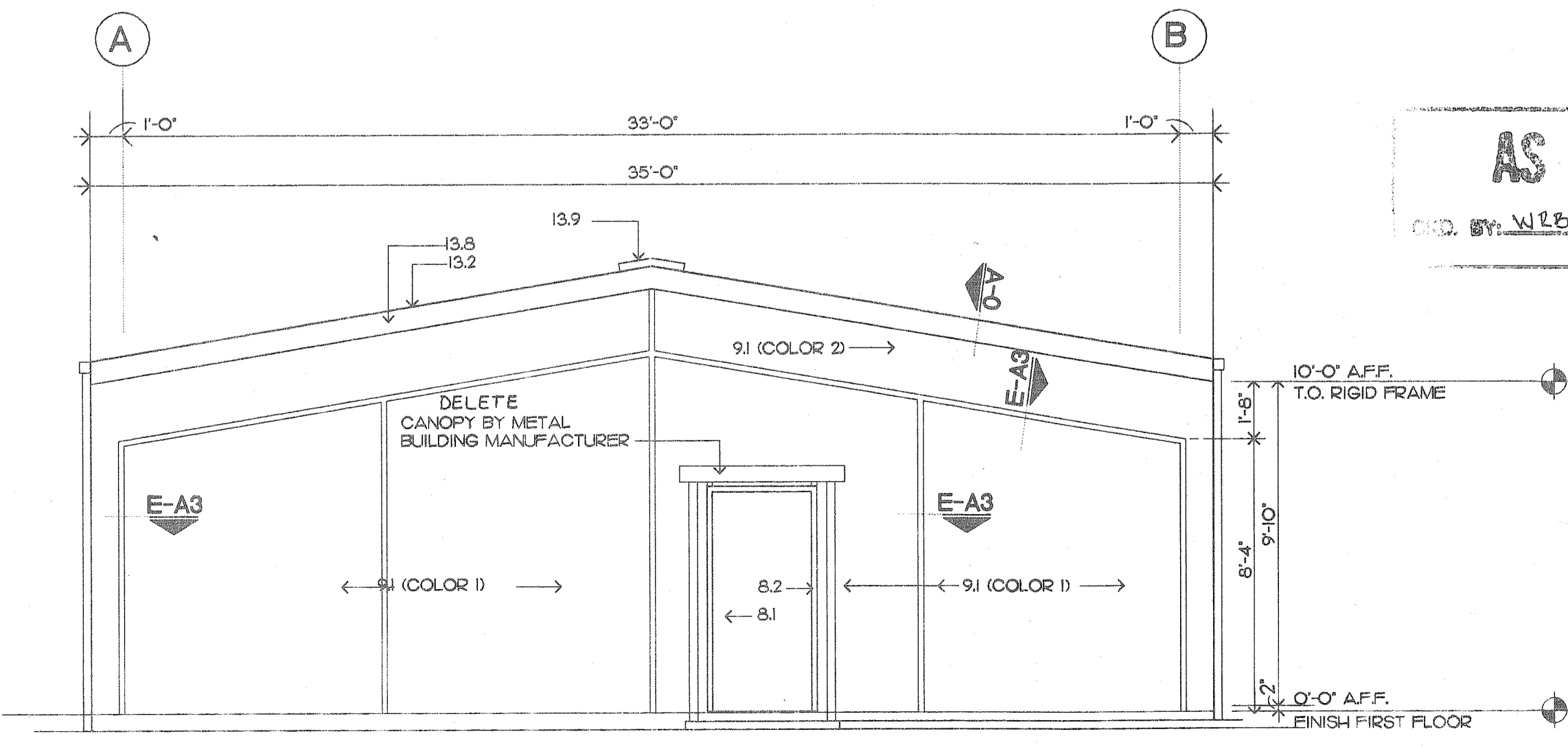
A WEST ELEVATION
SCALE: 1/4"=1'-0" A1



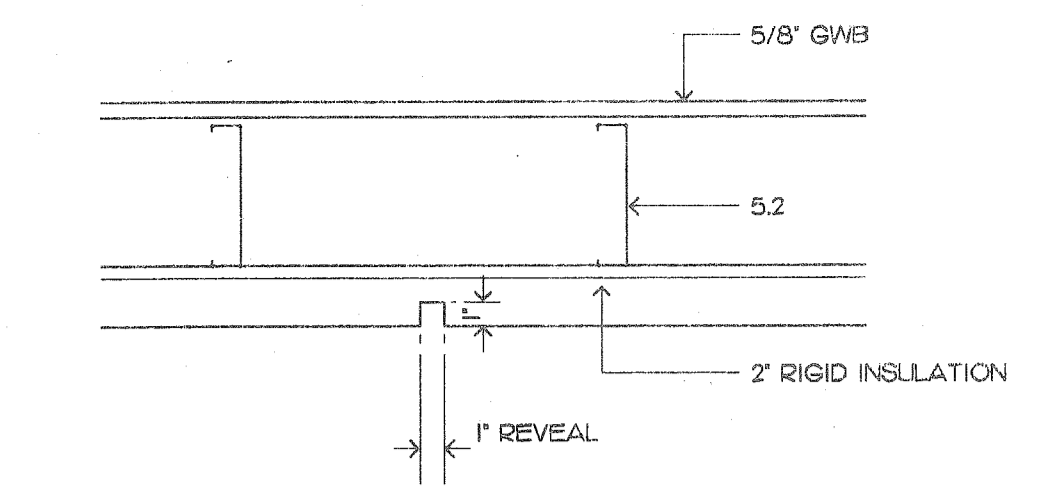
B EAST ELEVATION
SCALE: 1/4"=1'-0" A1



C NORTH ELEVATION
SCALE: 1/4"=1'-0" A1



D SOUTH ELEVATION
SCALE: 1/4"=1'-0" A1



E REVEAL DETAIL
SCALE: 1/2"=1'-0" A3

KEYNOTES

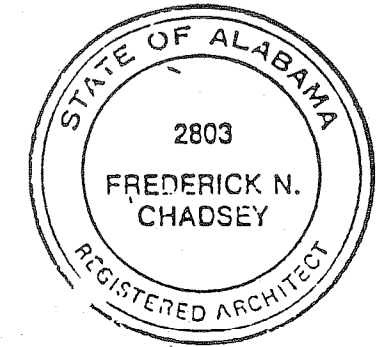
- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN).
3 4" CONCRETE WALK SLAB OVER GRANULAR FILL.
4 RECESSED PREMOULDED JOINT FILLER. COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE SEE SHEET S-1
3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL POLYETHYLENE VAPOUR BARRIER (SEE SHEET S-1)
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS ON ANCHOR BOLTS SET INTO CONCRETE FOOTING. PEDESTAL PACK KID WITH HOA-SUBMIT GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X8 18 GA. STRUCTURAL STEEL CEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SECURED TO METAL BUILDING PURLINS.
- 06 1 PLASTIC LAMINATE COUNTERTOP. EDGE ON 3/4" PLYWOOD.
2 WOOD BLOCKING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRAIL.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE). POSITIVE CONTINUOUS BACK-UP FOR BRACKER ROOF AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES. PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS. PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 2" VINYL FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR. REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME. FILL HEAD AND JAMBES WITH GROUT IN EXTERIOR WALL. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS. EXTEND 8" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW OPERABLE. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS. EXTEND 8" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT. REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C/R. CHANNELS SUSPENDED FROM METAL BUILDING GRIS.
3 SUSPENDED ADJUSTABLE CEILING.
4 CERAMIC WALL TILE.
5 CERAMIC FLOOR TILE.
6 MOLDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C/R. CHANNELS SUSPENDED FROM METAL BUILDING GRIS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK. SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" GWB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" GWB
15 22 GA METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STANDING SEAM ROOF PANELS
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING "Z" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING "Z" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL RAKE TRIM TO MATCH GUTTER PROFILE.
9 VENTILATED RIDGE WITH BIRD SCREEN AND ROOF PANEL CLOSURE ASSEMBLY.
- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY.
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN
- 16 1 SUSPENDED LIGHT FIXTURE
2 TRUSSEY LIGHT FIXTURE
3 EXIT LIGHT.
* A STANDARD METAL BUILDING TYPE CONTINUOUS RIDGE VENT MAY BE USED IN LIEU OF THE DETAIL SHOWN. RIDGE VENT SHALL BE 50'-0" IN LENGTH.

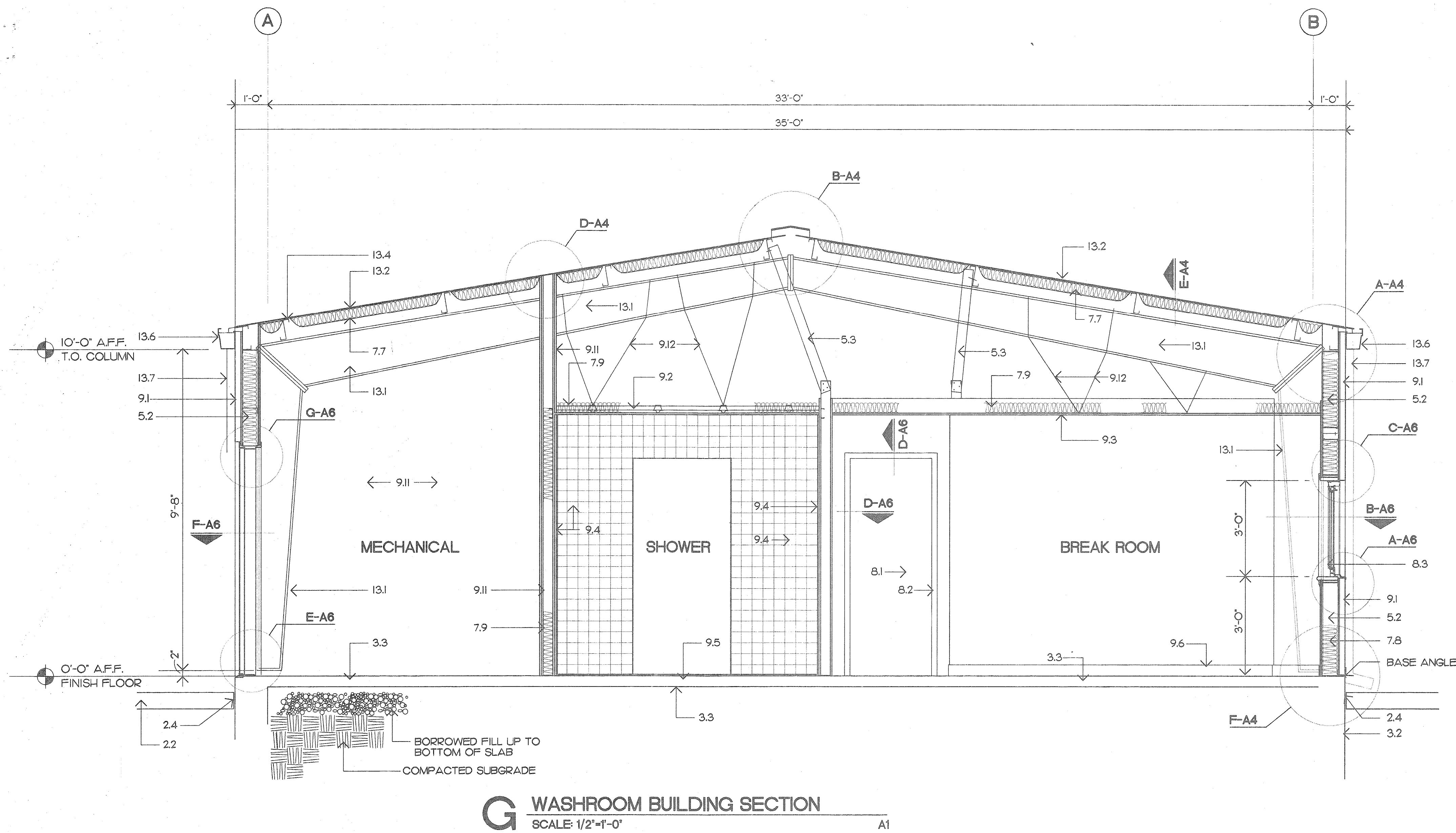
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CHD. BY: WEB DATE: 6/13/12

REFERENCE ONLY

OFFICE - WASHROOM BUILDING PARKING SHED McDUFFIE TERMINAL

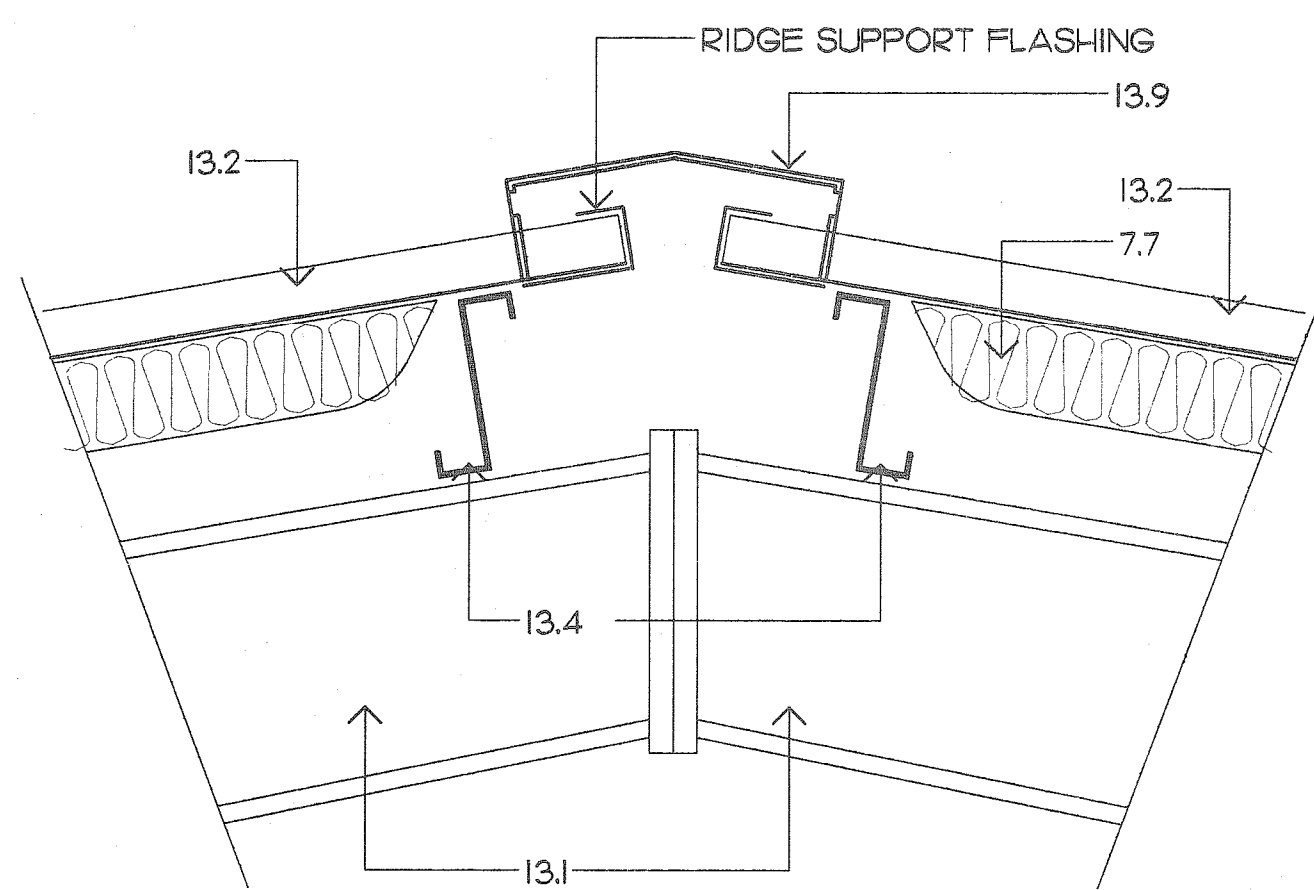
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DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE AL 36618 205-342-1070



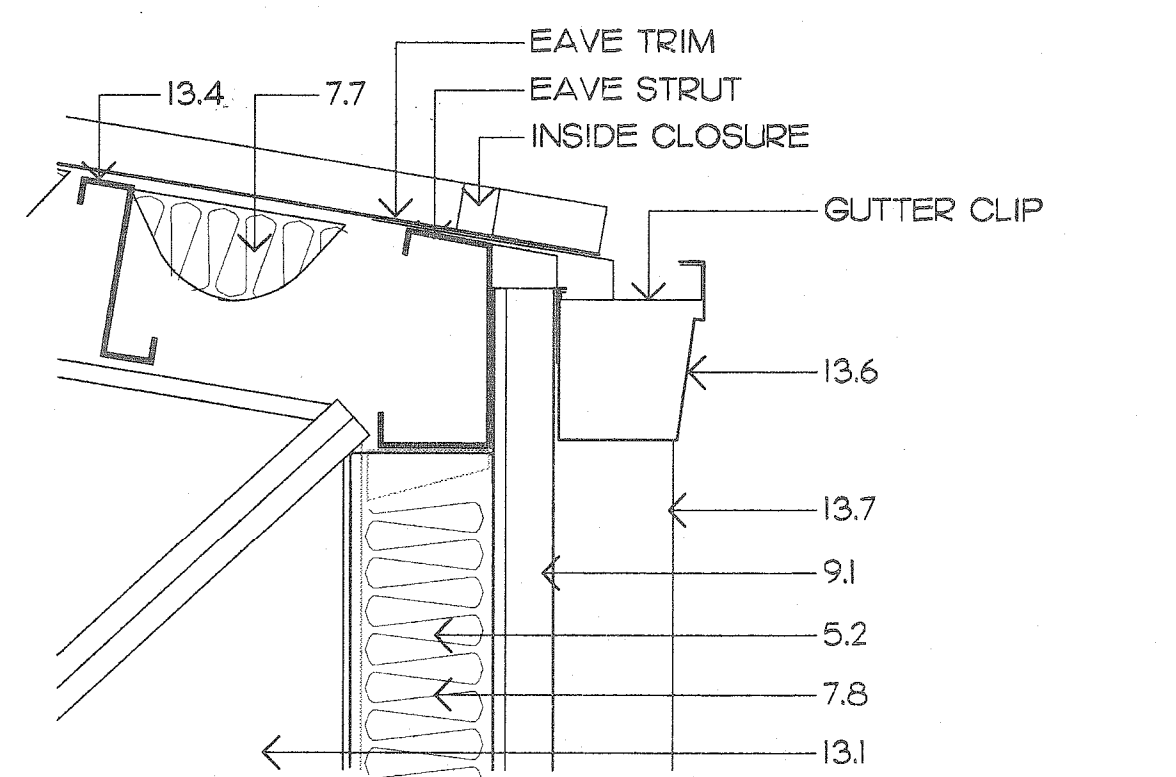


G WASHROOM BUILDING SECTION
SCALE: 1/2"=1'-0" A1

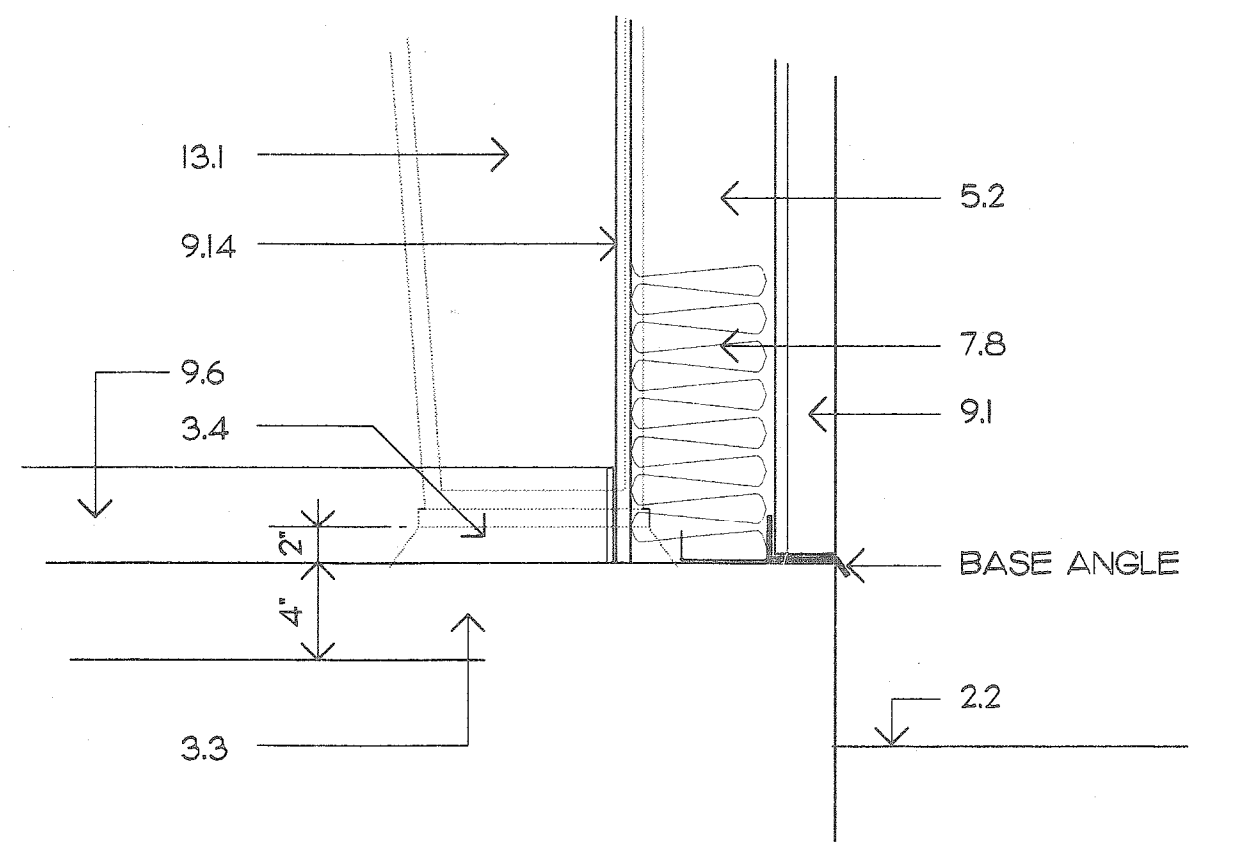
C DETAIL
SCALE: 1 1/2"=1'-0" A4



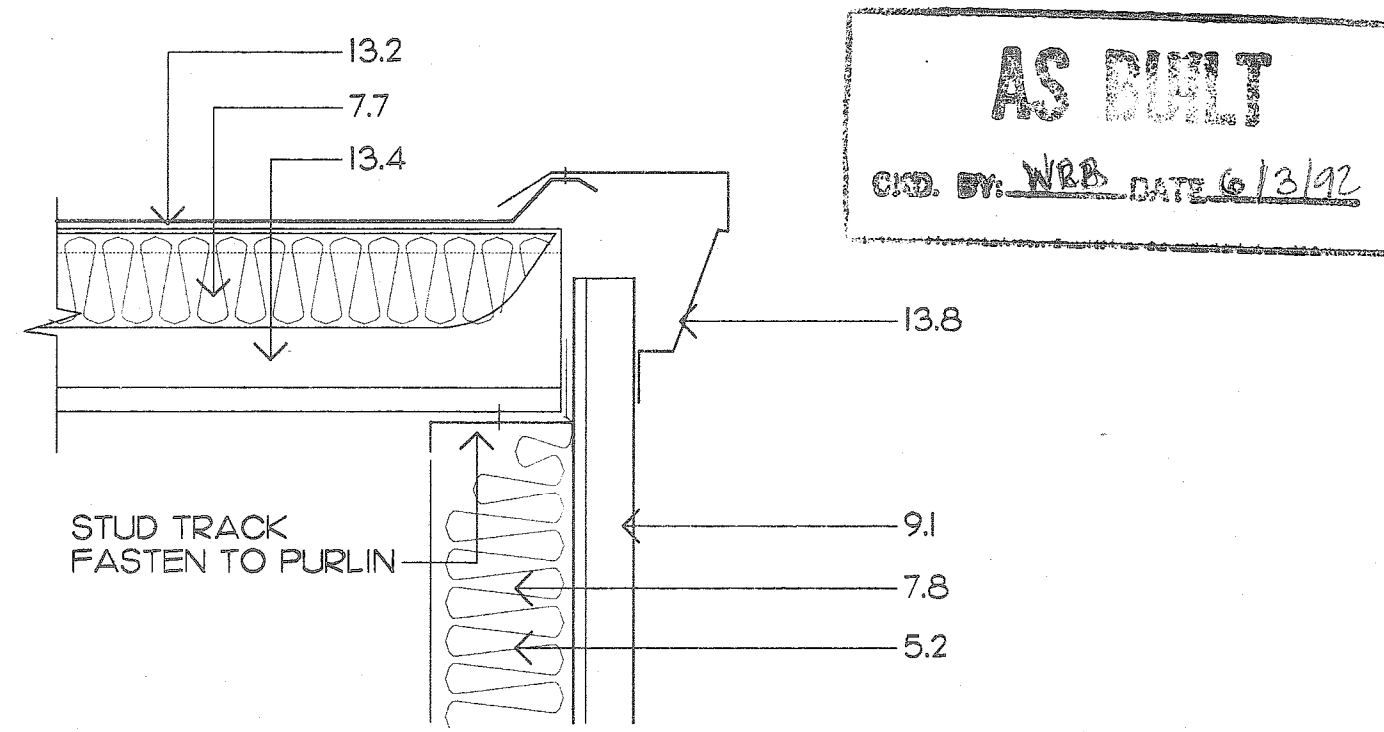
B DETAIL
SCALE: 1 1/2"=1'-0" A4



A DETAIL
SCALE: 1 1/2"=1'-0" A4



F DETAIL
SCALE: 1 1/2"=1'-0" A4



E DETAIL
SCALE: 1 1/2"=1'-0" A4

AS BUILT
CHG. BY: NBB DATE: 6/13/92

KEYNOTES

- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN).
3 4" CONCRETE WALK SLAB OVER GRANULAR FILL.
4 RECESSED PREMOULDED JOINT FILLER, COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE (SEE SHEET S-1).
3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET S-1).
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS OR ANCHOR BOLTS SET INTO CONCRETE FOOTING PEDESTAL, PACK VOID WITH NON-SHRINK GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X6 16 GA. STRUCTURAL STEEL (SEE STUD FRAMING AT 24" O.C. ATTACHED TO PRE-ENGINEERED BUILDING STRUCTURAL STEEL FRAMING).
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SECURED TO METAL BUILDING PURLINS.
- 06 1 PLASTIC LAMINATE COUNTERTOP, EDGE ON 3/4" PLYWOOD.
2 WOOD BLOCKING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE), POSITIVE CONTINUOUS BACK-UP FOR BACKER ROD AND RECESSED SEALANT FILL. RECESS SEALANT AT DOOR FRAMES, PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS, PAINT SEALANT TO MATCH WALL.
3 EXPANSION JOINT COVER.
4 MEMBRANE FLASHING.
5 METALLIC FLASHING.
6 6" VINYL FACED BATT INSULATION.
7 8" BATT INSULATION BETWEEN STUDS.
8 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR, REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME, FILL HEAD AND JAMBS WITH GROUT IN EXTERIOR WALL, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 8" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW, OPERABLE, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 8" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT, REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GIRTS.
3 SUSPENDED ACOUSTICAL CEILING.
4 CERAMIC FLOOR TILE.
5 CERAMIC WALL TILE.
6 MOLDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GIRTS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK, SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" CWB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" CWB.
15 22 GA. METAL WALL PANELS.
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STANDING SEAM ROOF PANELS.
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING "Z" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING "Z" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL RAKE TRIM TO MATCH GUTTER PROFILE.
9 VENTILATED RIDGE WITH BIRD SCREEN AND ROOF PANEL CLOSURE ASSEMBLY.
- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY.
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN.
- 16 1 SUSPENDED LIGHT FIXTURE
2 TROFFER LIGHT FIXTURE
3 EXT LIGHT.

OFFICE - WASHROOM BUILDING PARKING SHED McDUFFIE TERMINAL

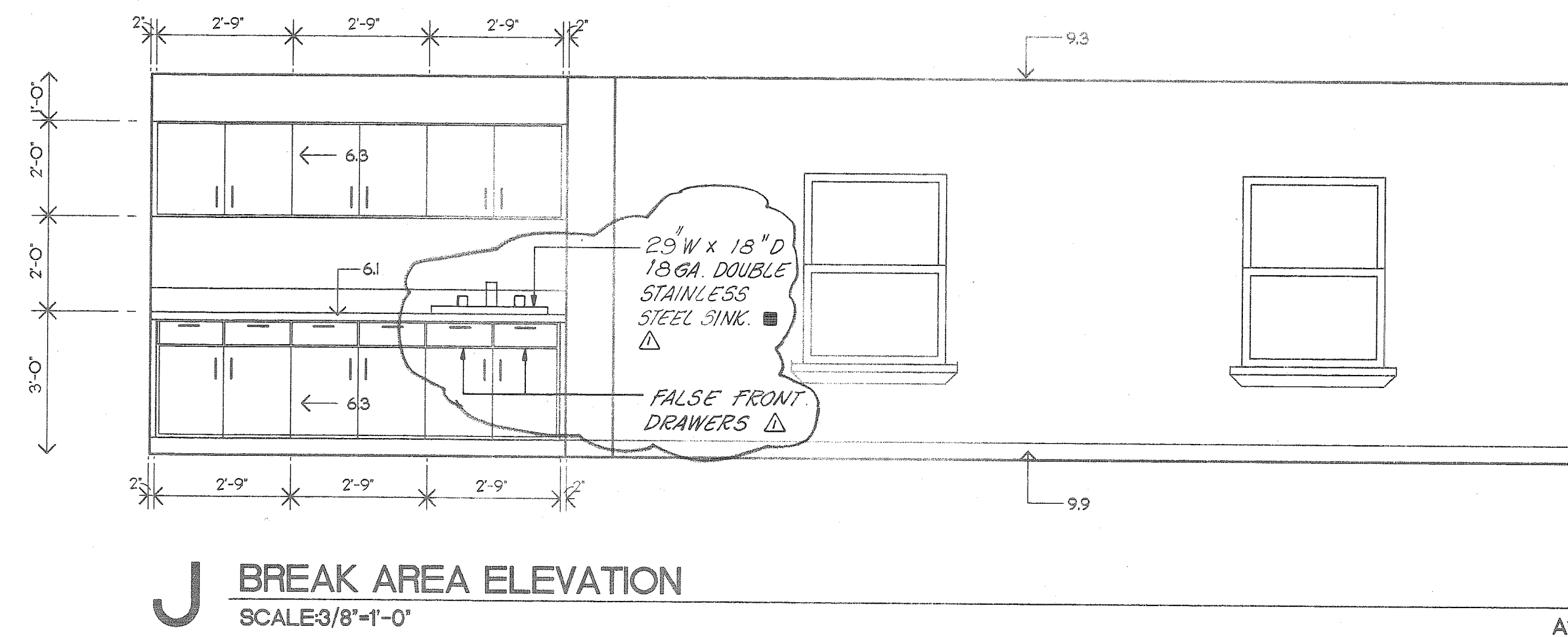
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ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE AL 36618 205-342-1070

STATE OF ALABAMA
2803
FREDERICK N. CHADSEY
REGISTERED ARCHITECT
SHEET NUMBER
A4
1 OF 9

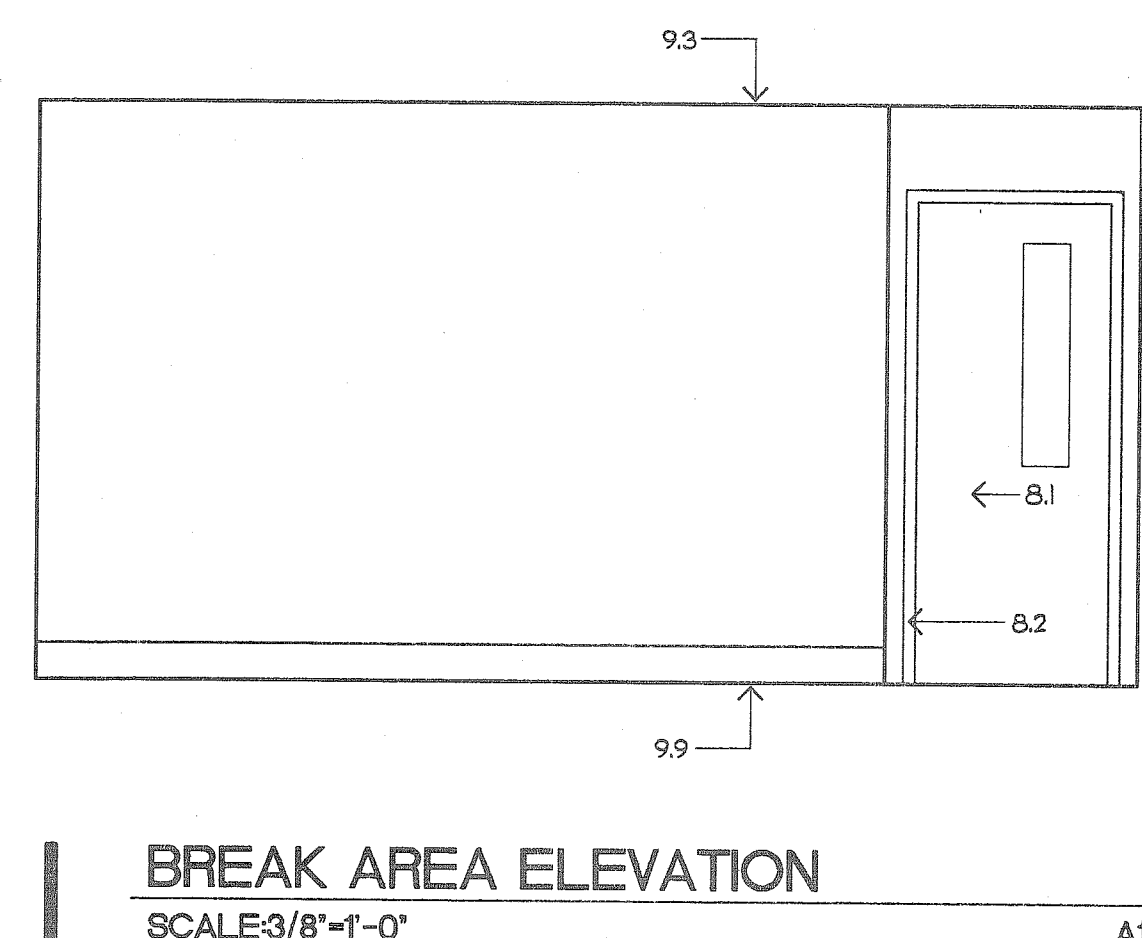
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KEYNOTES

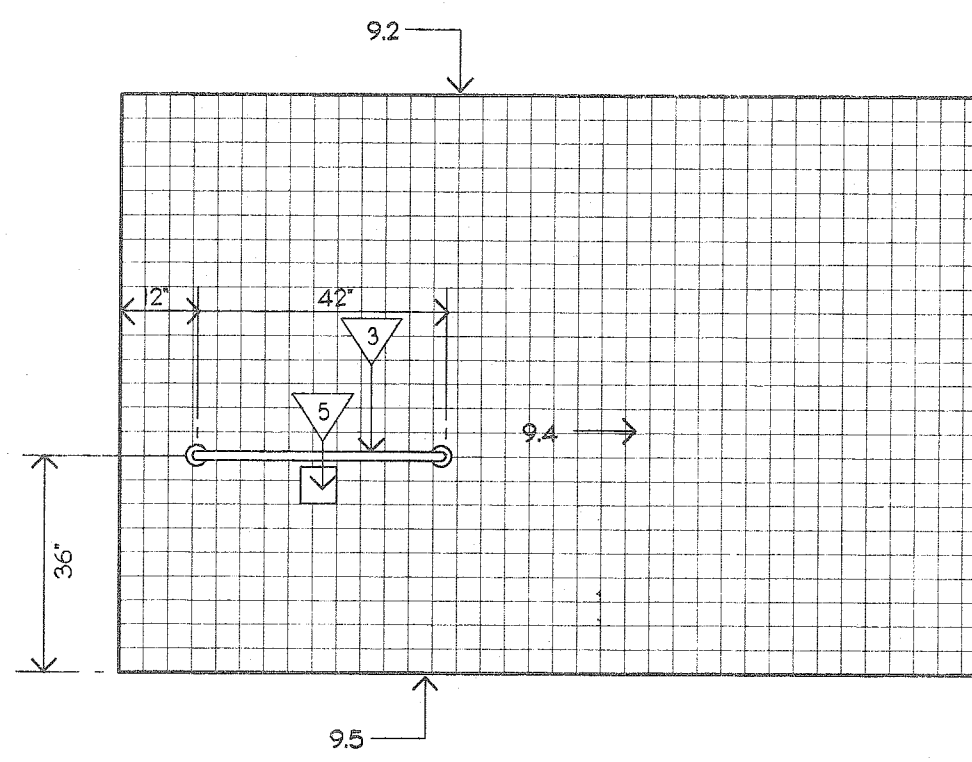
- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN)
3 4" CONCRETE WALK SLAB OVER GRANULAR FILL.
4 RECESSED PREMOLDED JOINT FILLER, COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE SEE SHEET S-1
3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET S-1)
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS ON ANCHOR BOLTS SET INTO CONCRETE FOOTING PEDESTAL, PACK VOID WITH NON-SHRINK GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2x8 18 GA. STRUCTURAL STEEL (SEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SUSPENDED TO METAL BUILDING PURLINS.
- VOID
06 1 PLASTIC LAMINATE COUNTERTOP, EDGE ON 3/4" PLYWOOD.
2 WOOD BLOCKING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE), POSITIVE CONTINUOUS BACK-UP FOR BACKER ROD AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES, PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS, PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 4" VINYL FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR, REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME, FILL HEAD AND JAMBS WITH GROUT IN EXTERIOR WALL, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW, OPERABLE, PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT, REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10" O.D. GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GIRTS.
3 SUSPENDED ACOUSTICAL CEILING.
4 CERAMIC WALL TILE.
5 CERAMIC FLOOR TILE.
6 MOULDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GIRTS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK. SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" GWB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" GWB
15 2G GA. METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STANDING SEAM ROOF PANELS.
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING "Z" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING "Z" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL BRAKE TRIM TO MATCH GUTTER PROFILE.
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- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY.
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN
- 16 1 SUSPENDED LIGHT FIXTURE
2 TRIGGER LIGHT FIXTURE
3 EXT LIGHT.
- * SEE NOTE, SHT. NO. A3
- AS BUILT



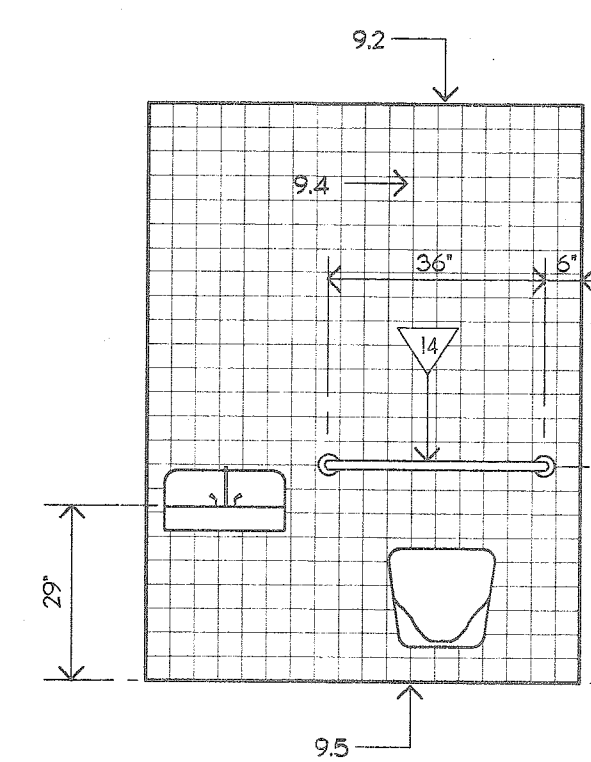
J BREAK AREA ELEVATION
SCALE: 3/8"=1'-0" A1



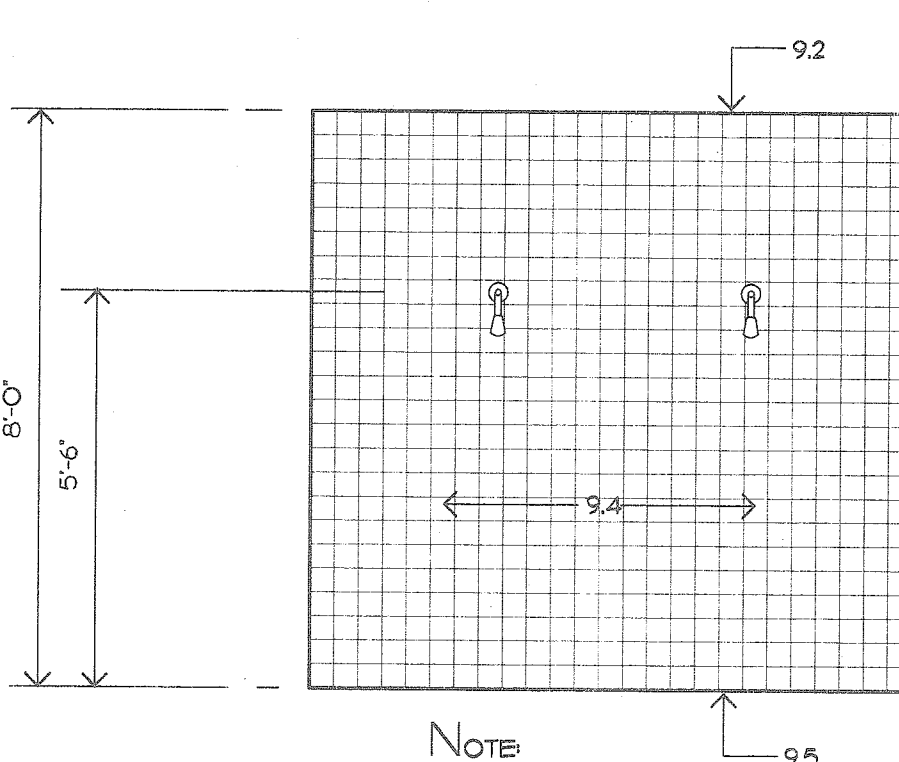
BREAK AREA ELEVATION
SCALE: 3/8"=1'-0" A1



H TOILET ELEVATION
SCALE: 3/8"=1'-0" A1

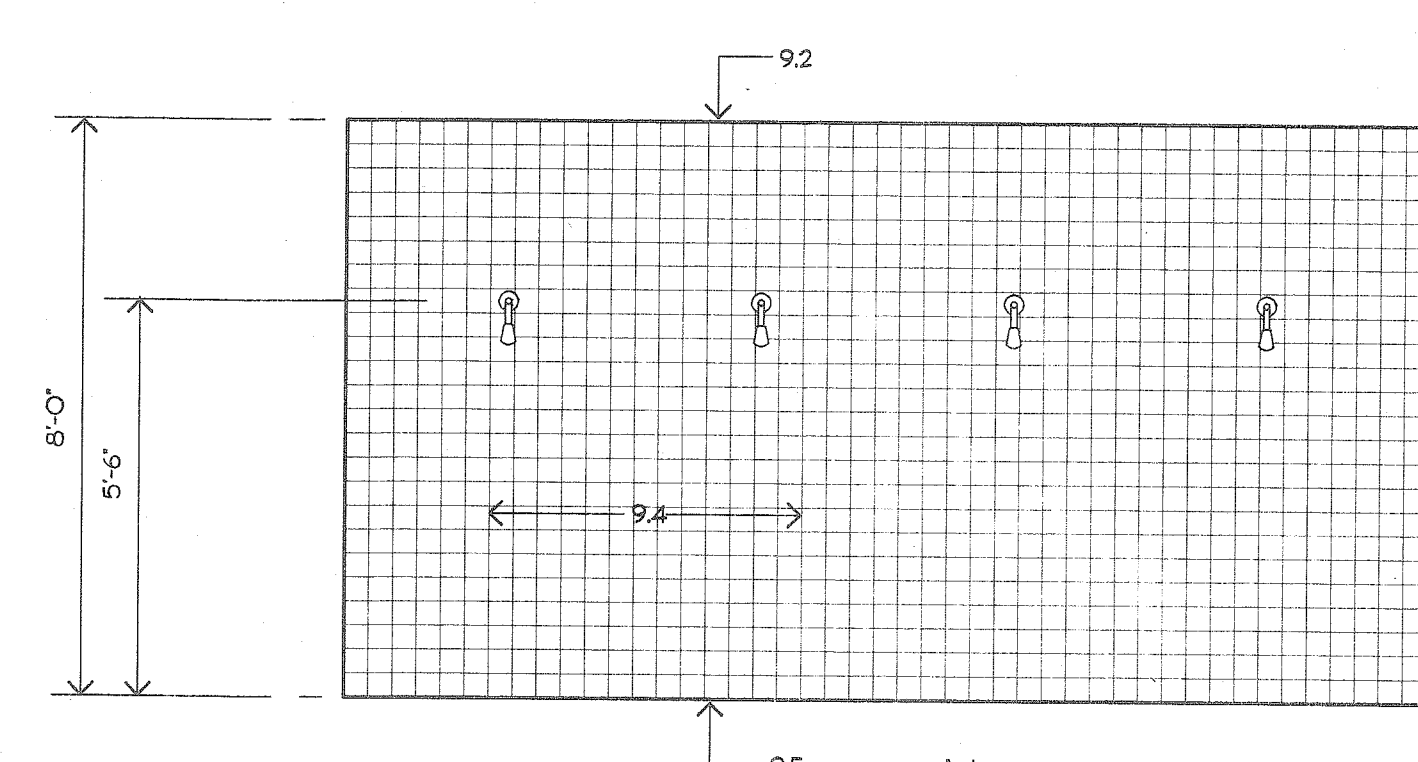


G TOILET ELEVATION
SCALE: 3/8"=1'-0" A1



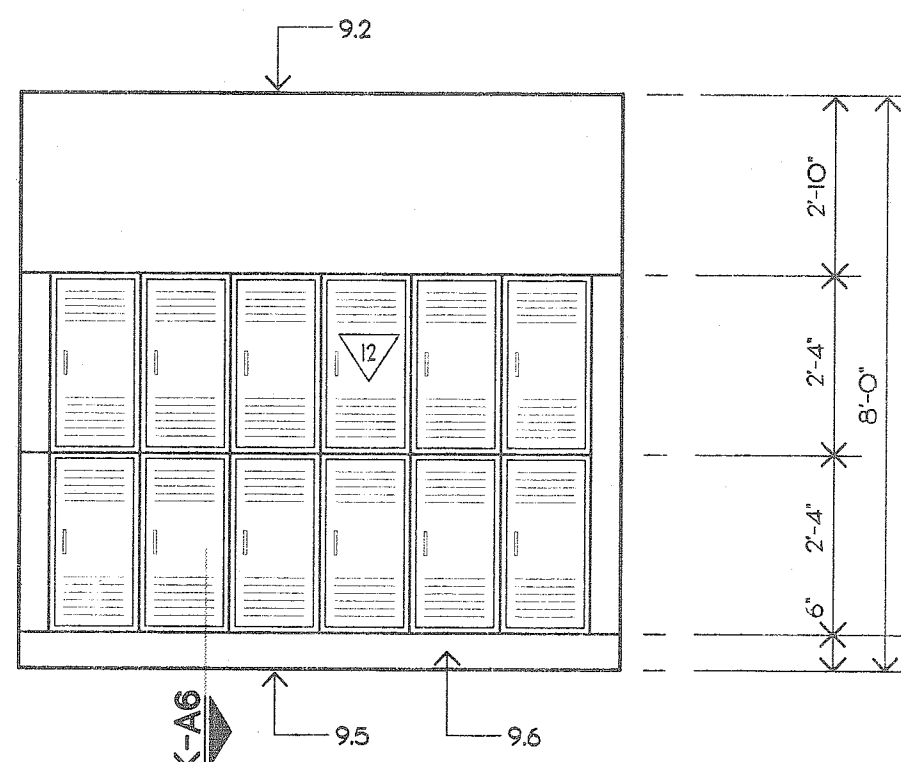
F SHOWER ELEVATION
SCALE: 3/8"=1'-0" A1

NOTE
CERAMIC TILE WALL IS TYPICAL OF ALL SHOWER WALLS

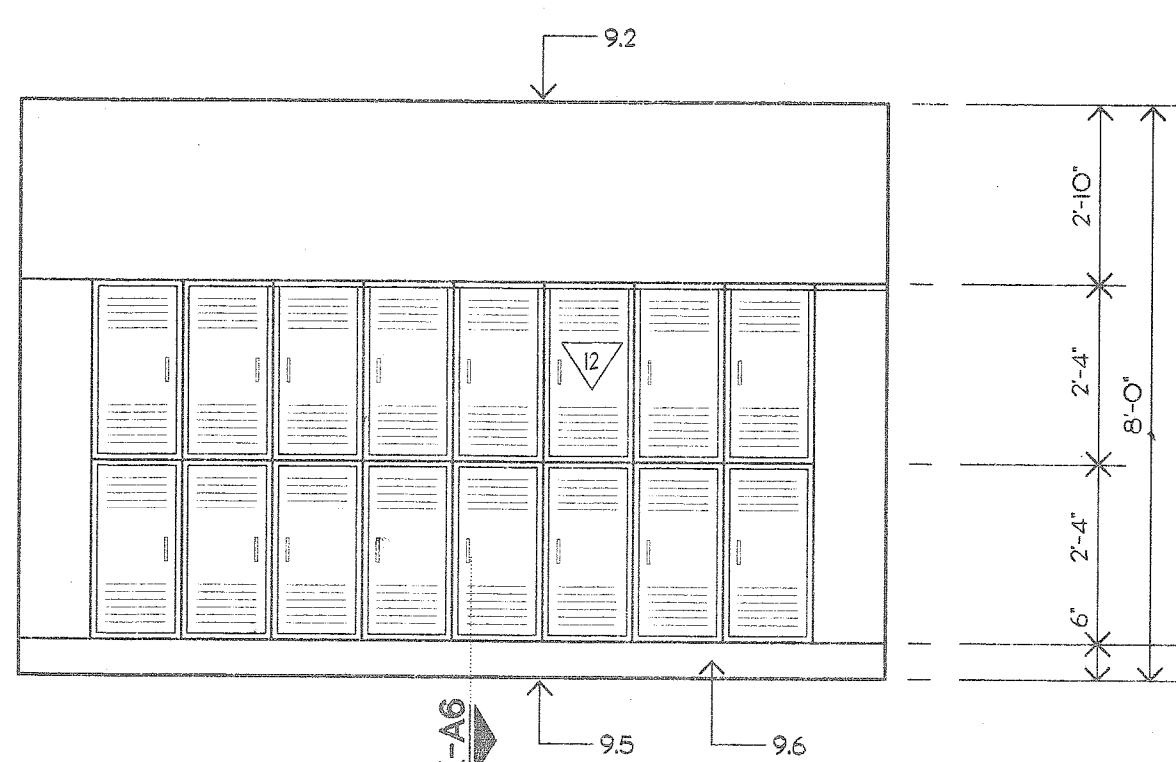


E SHOWER ELEVATION
SCALE: 3/8"=1'-0" A1

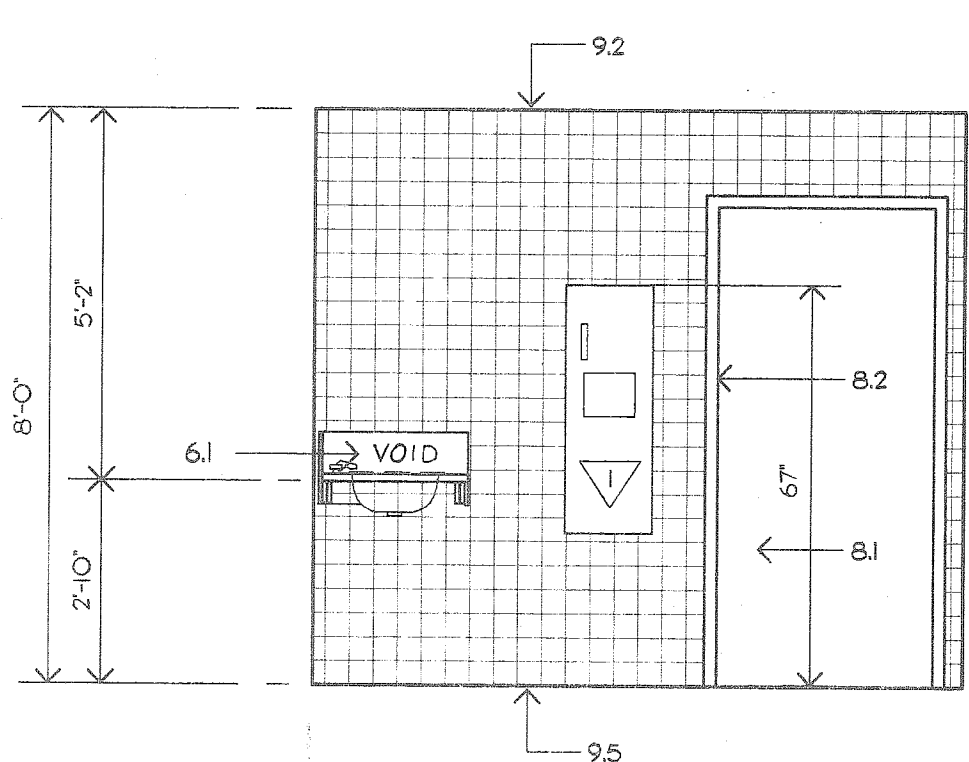
NOTE
CERAMIC TILE WALL IS TYPICAL OF ALL SHOWER WALLS
VOID CERAMIC TILE ROOMS 105, 106, 107, 110, 111 & 112



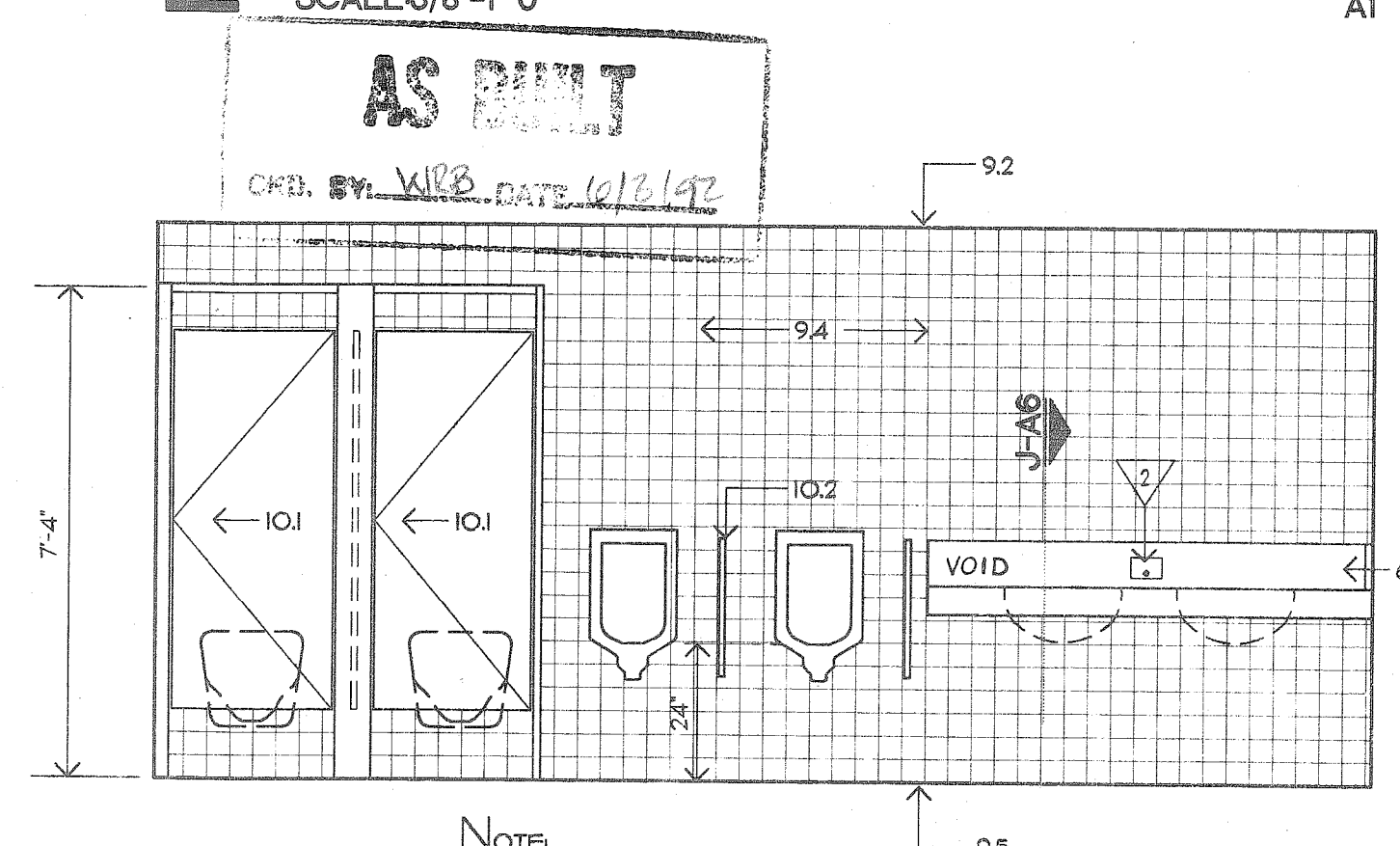
D DRYOFF ELEVATION
SCALE: 3/8"=1'-0" A1



C DRYOFF ELEVATION
SCALE: 3/8"=1'-0" A1



B TOILET ELEVATION
SCALE: 3/8"=1'-0" A1



A TOILET ELEVATION
SCALE: 3/8"=1'-0" A1

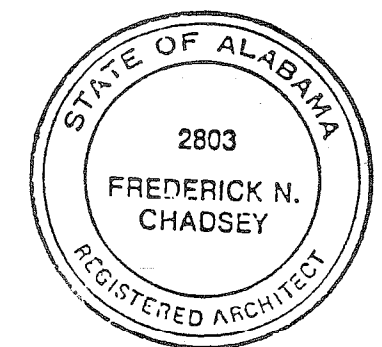
NOTE
CERAMIC TILE WALL IS TYPICAL OF ALL TOILET WALLS
VOID CERAMIC TILE ROOMS 105, 106, 107, 110, 111 & 112

1-13-92	100 SINK IN BREAK ROOM	M.M.M.
REVISIONS		

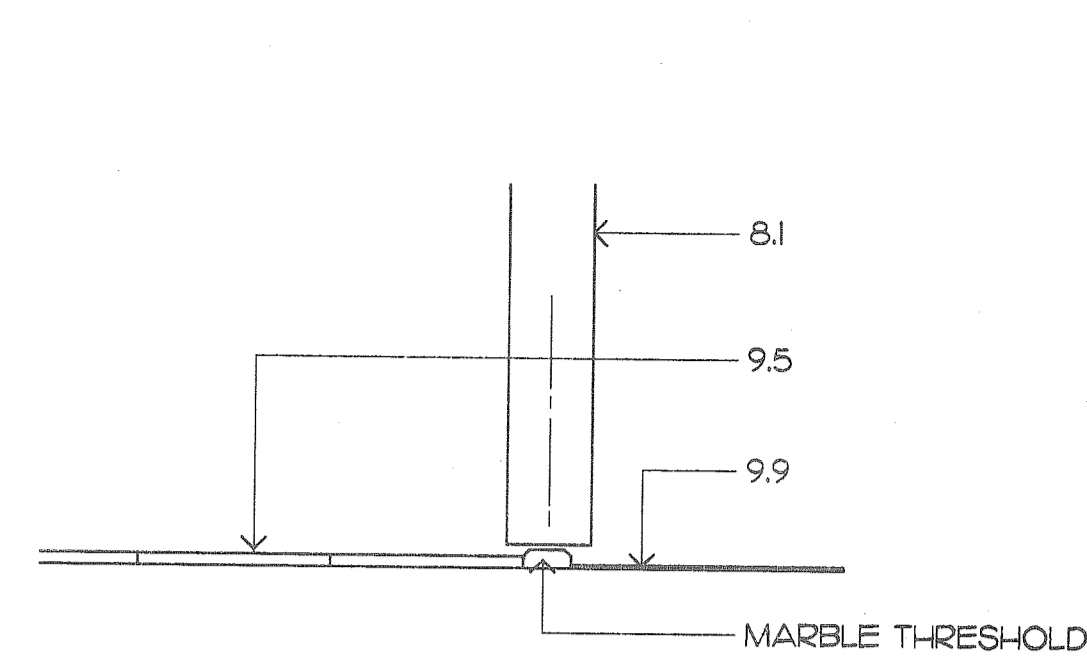
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OFFICE - WASHROOM
BUILDING
PARKING SHED
McDUFFIE TERMINAL

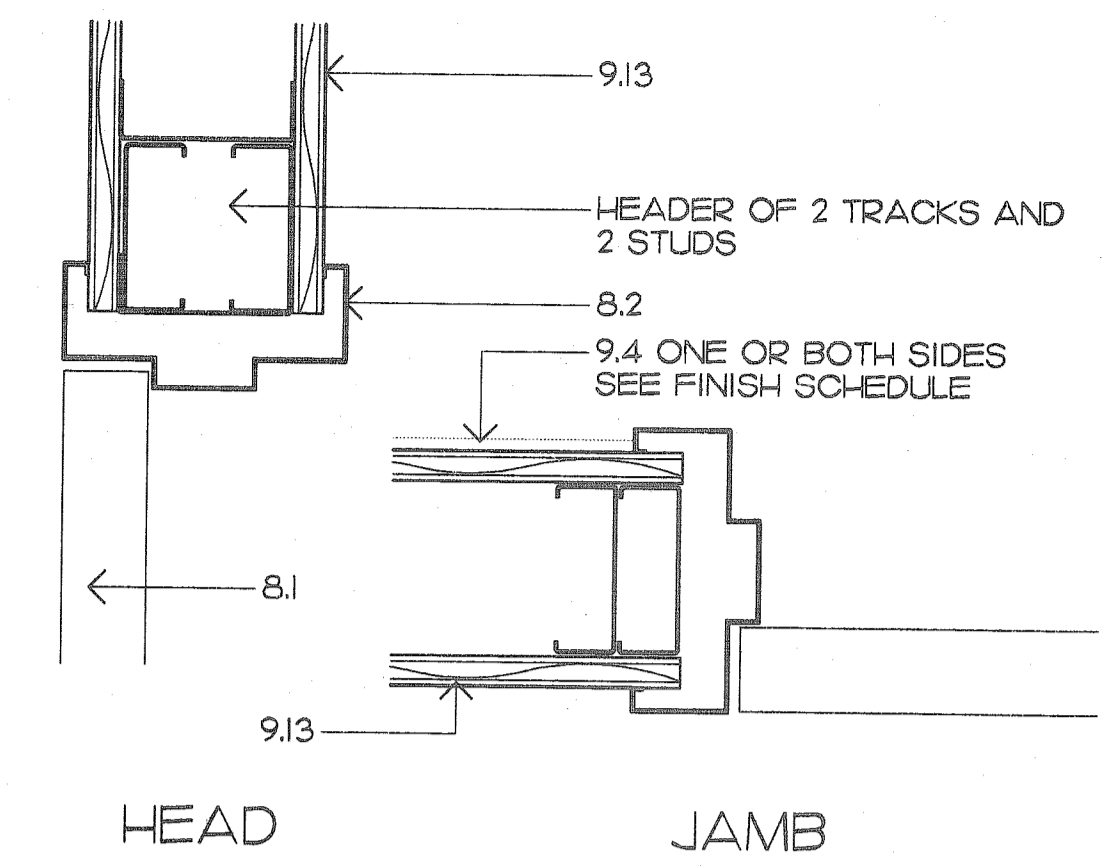
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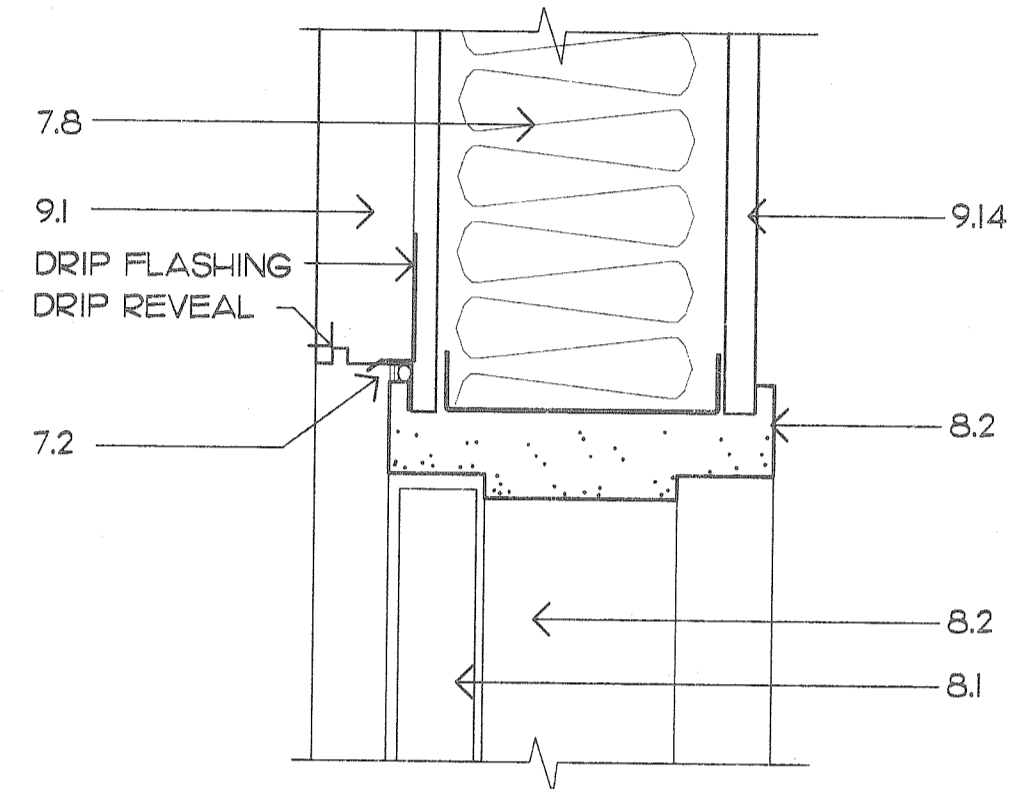
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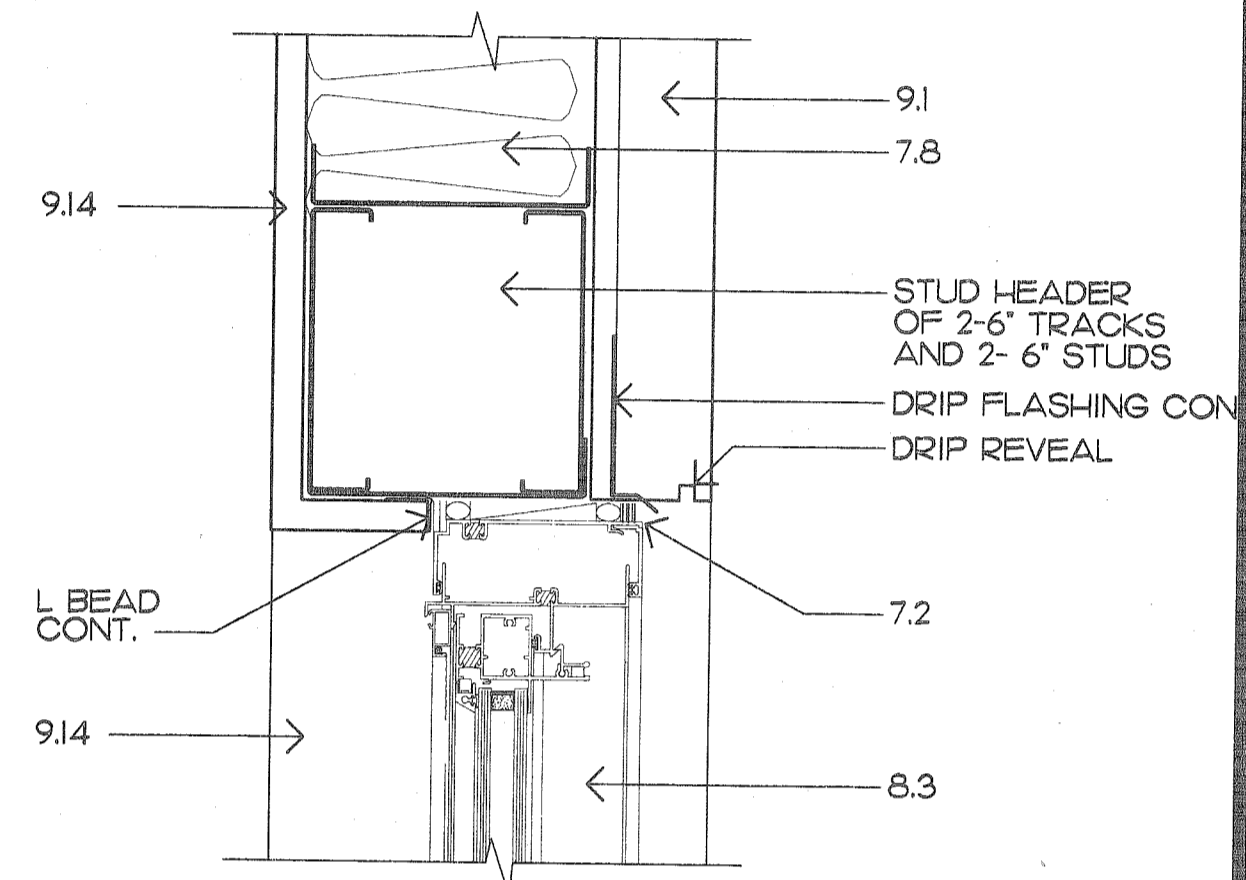
H SILL DETAIL
SCALE: 3'-1'-0"
A1



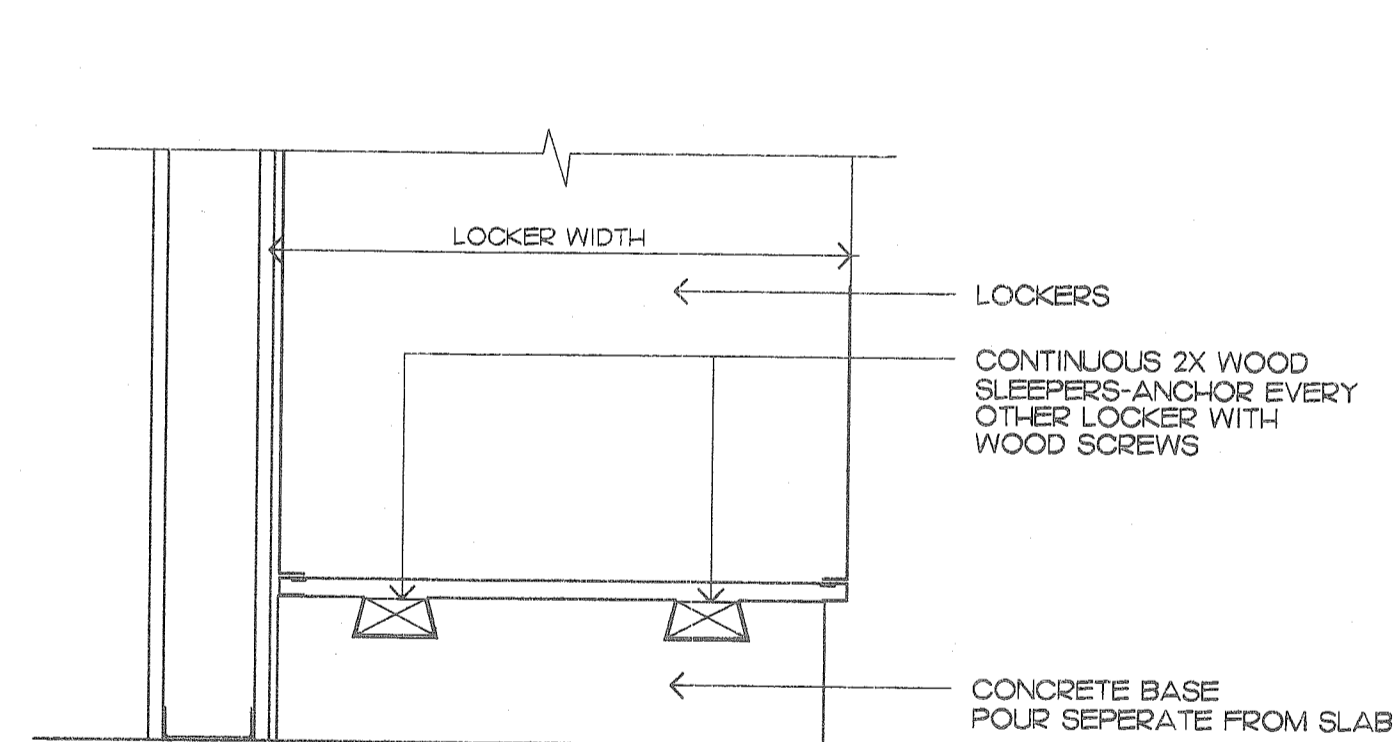
D DOOR DETAILS
SCALE: 3'-1'-0"
A1



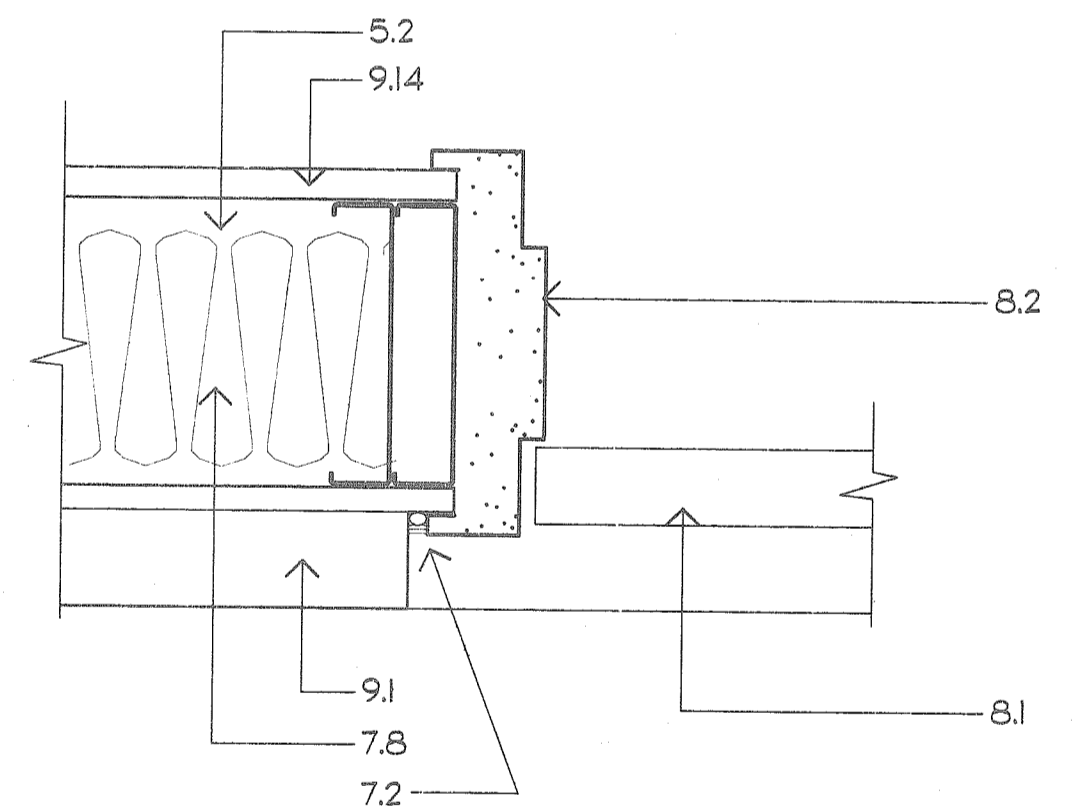
G DOOR HEAD DETAIL
SCALE: 3'-1'-0"
A1



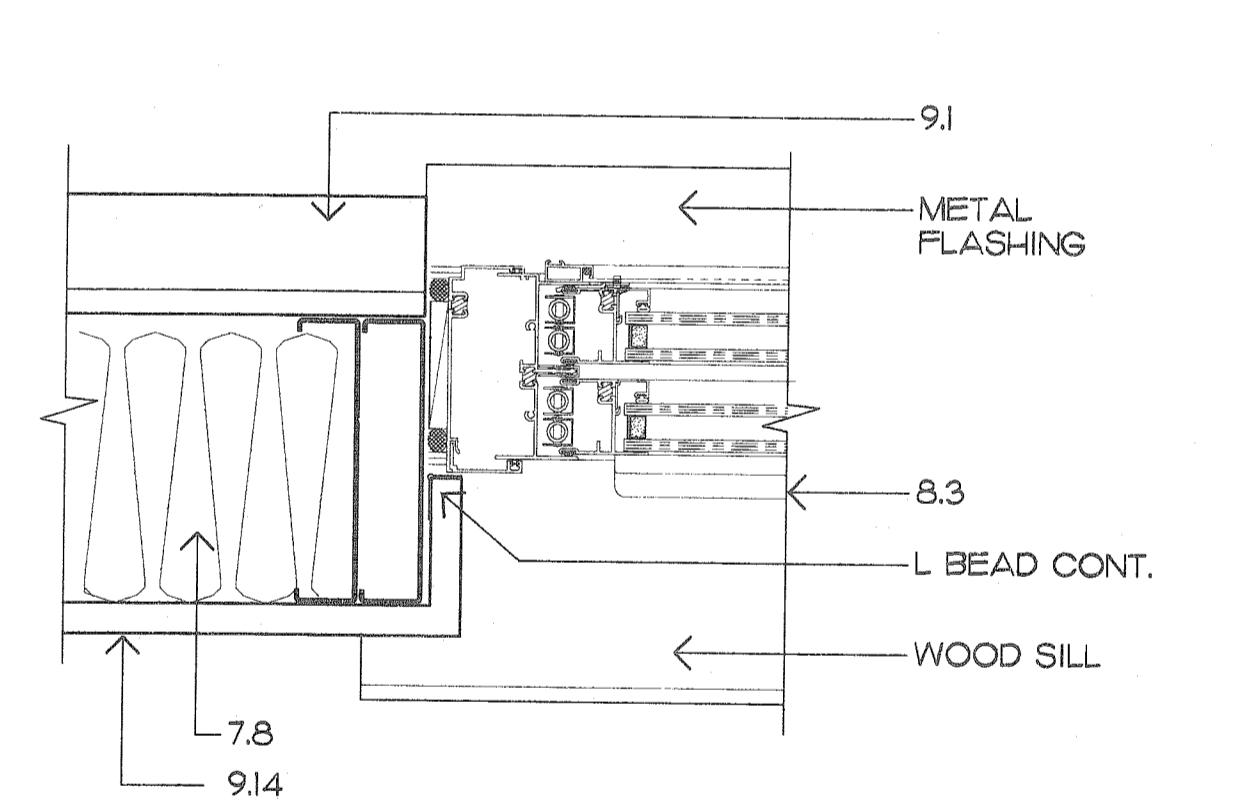
C WINDOW HEAD DETAIL
SCALE: 3'-1'-0"
A1



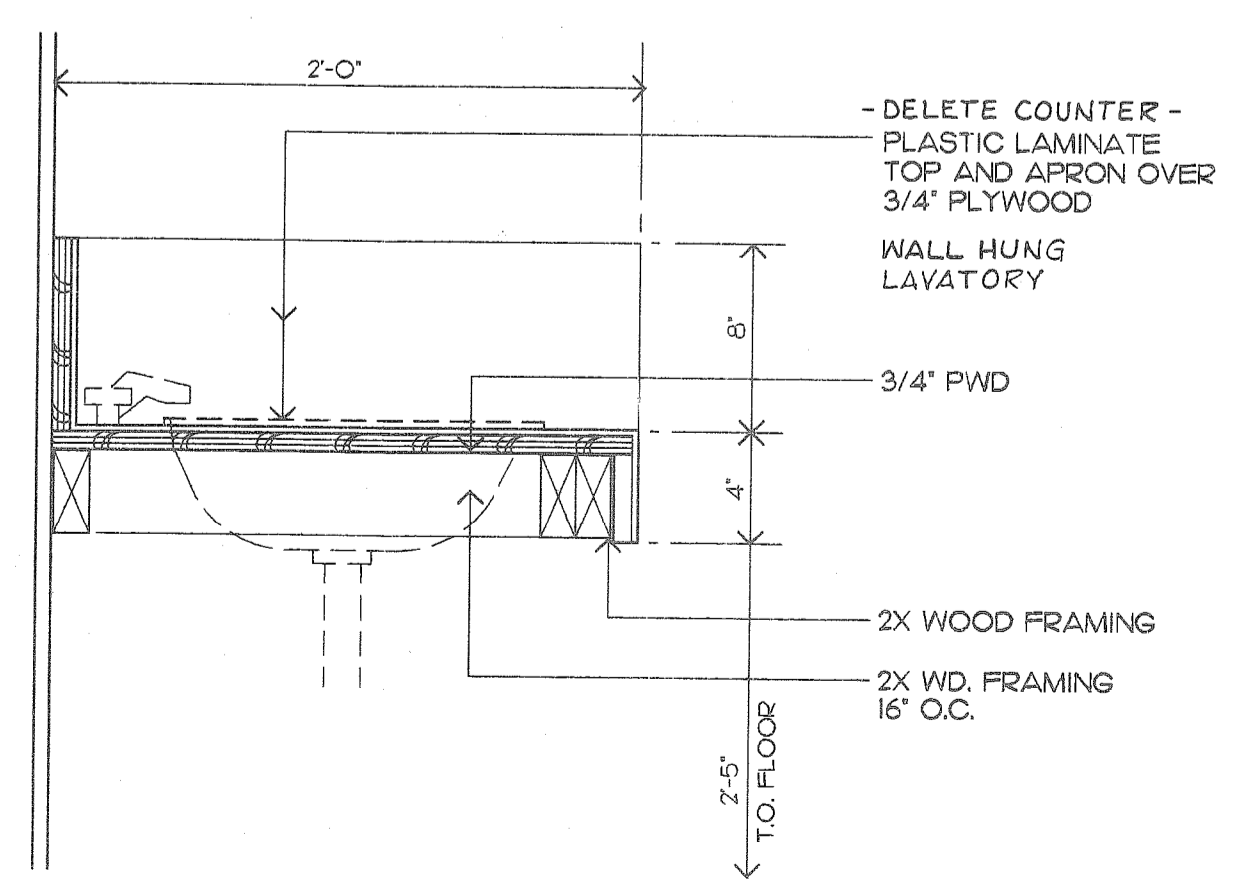
K LOCKER BASE DETAIL
SCALE: 1/2'-1'-0"
12



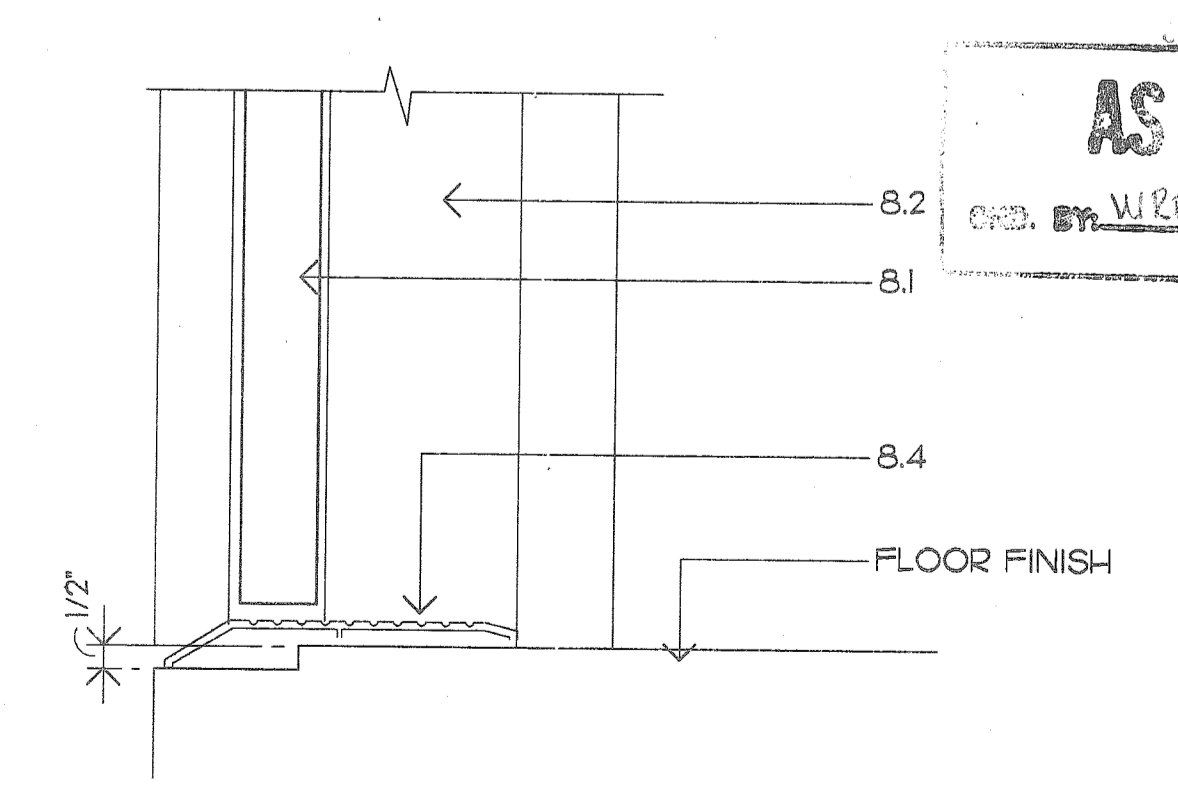
F DOOR JAMB DETAIL
SCALE: 3'-1'-0"
A1



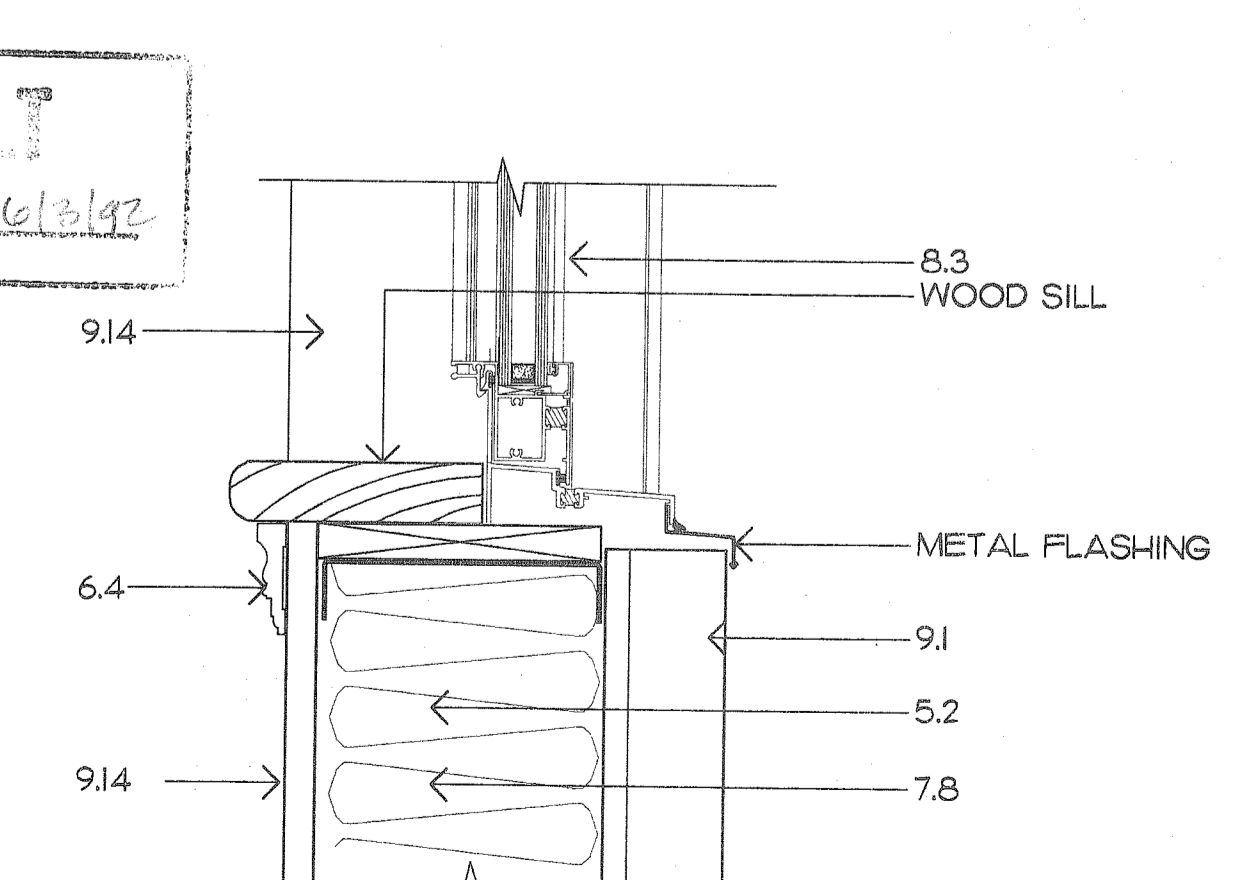
B WINDOW JAMB DETAIL
SCALE: 3'-1'-0"
A1



J LAVATORY COUNTER
SCALE: 1/2'-1'-0"
12



E DOOR SILL DETAIL
SCALE: 3'-1'-0"
A1



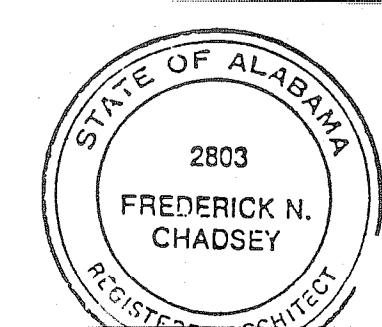
A WINDOW SILL DETAIL
SCALE: 3'-1'-0"
A1

KEYNOTES

- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN)
3 4" CONCRETE WALK SLAB OVER GRANULAR FILL.
4 RECESSED PREMOULDED JOINT FILLER. COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE
3 SEE SHEET S-1
4 POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET S-1)
- 04 1 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS OR ANCHOR BOLTS SET INTO CONCRETE FOOTING. PRECAST PACK VOID WITH NON-SHRINK GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X6 16 GA. STRUCTURAL STEEL CEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SECURED TO METAL BUILDING PURLINS.
- 06 1 PLASTIC LAMINATE COUNTERTOP, EDGE ON 3/4" PLYWOOD.
2 WOOD BLOCKING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE), POSITIVE CONTINUOUS BACK-UP FOR BAKER ROD AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES, PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS. PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 6" VINYL FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR, REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME, FILL HEAD AND JAMBS WITH GROUT IN EXTERIOR WALL. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW OPERABLE. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 6" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT. REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" GARAGE DOOR.
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- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS OR 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRTS.
3 SUSPENDED ACOUSTICAL CEILING.
4 CERAMIC WALL TILE.
5 CERAMIC FLOOR TILE.
6 MOLDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS OR 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRTS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK. SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" GWB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" GWB
15 2G GA. METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STANDING SEAM ROOF PANELS.
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING 2" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING 2" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL RAKE TRIM TO MATCH GUTTER PROFILE.
9 VENTILATED RIDGE WITH BIRD SCREEN AND ROOF PANEL CLOSURE ASSEMBLY.
- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY.
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN
- 16 1 SUSPENDED LIGHT FIXTURE
2 TROFFER LIGHT FIXTURE
3 EXT LIGHT.
- * SEE NOTE, SHT. NO. A3
- ▲ A6 BUILT

OFFICE - WASHROOM
BUILDING
PARKING SHED
McDUFFIE TERMINAL

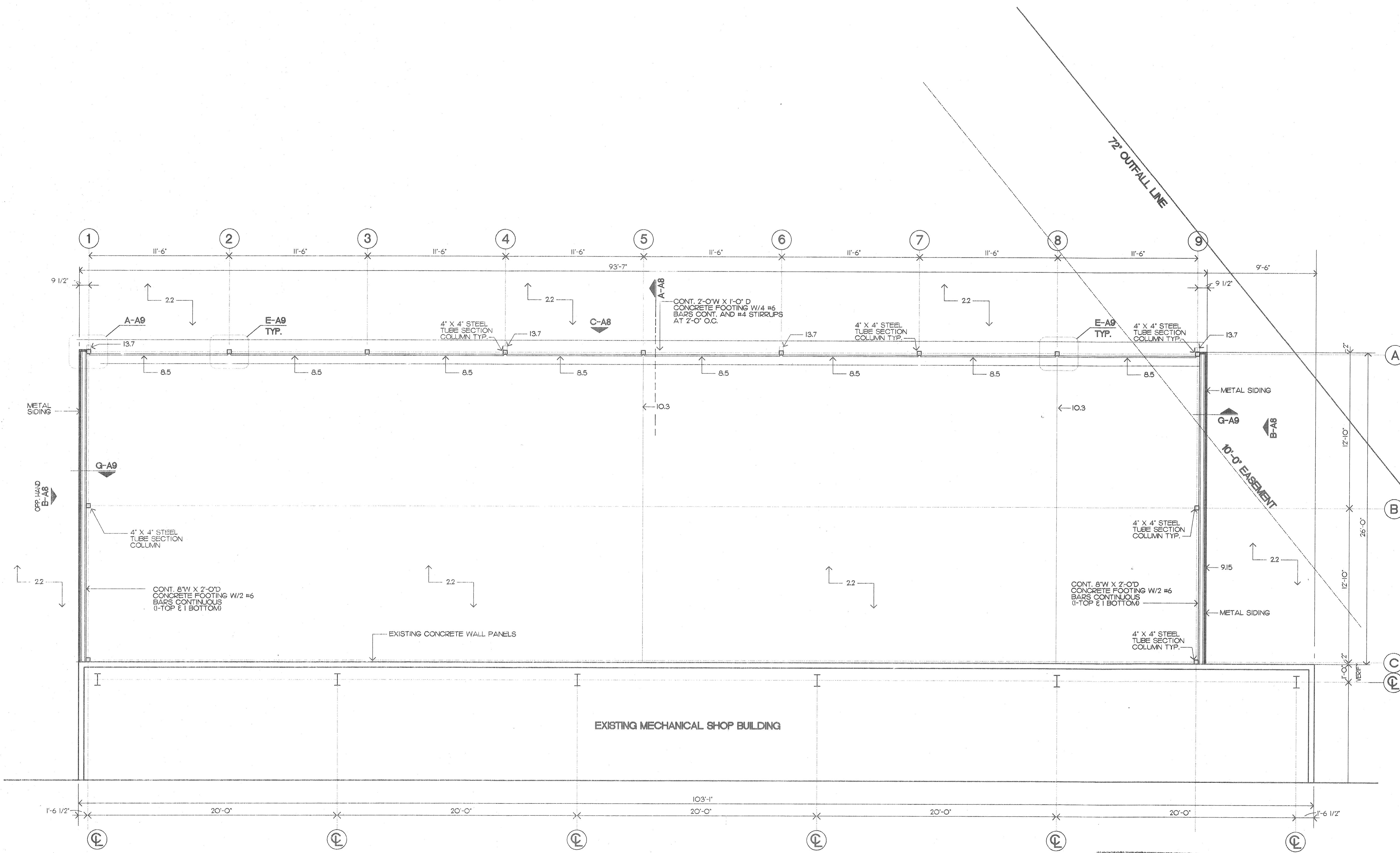
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3809 MOFFETT ROAD MOBILE AL 36618 205-342-1070



SHEET NUMBER

A6

REFERENCE ONLY



A ENCLOSED PARKING PLAN
SCALE: 1/4"=1'-0"

AS BUILT
REV. BY: VLR Date: 6/26/92

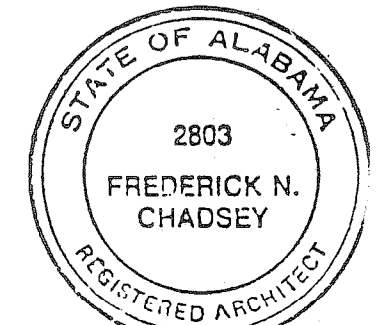
REFERENCE ONLY

KEYNOTES

- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN)
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3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET S-1)
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS ON ANCHOR BOLTS SET INTO CONCRETE FOOTING PEDESTAL. PACK VOID WITH NON-SHRINKING GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X8 18 GA. STRUCTURAL STEEL CEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
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3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE). POSITIVE CONTINUOUS BACK-UP FOR BACKER ROD AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES. PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS. PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 6" WING FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR. REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME. FILL HEAD AND JAMB WITH GROUT IN EXTERIOR WALL. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS. EXTEND 6" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW. OPERABLE. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS. EXTEND 6" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT. REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRITS.
3 SUSPENDED ACOUSTICAL CEILING.
4 CERAMIC WALL TILE.
5 CERAMIC FLOOR TILE.
6 MOLDED RESILIENT BASE.
7 DRYWALL METAL EDGE TRIM.
8 DRYWALL METAL CORNER TRIM.
9 RESILIENT FLOORING.
10 5/8" FIRE CODE GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GRITS.
11 3 5/8" METAL STUDS WITH 2 LAYERS 5/8" FIRE CODE GYPSUM BOARD BOTH SIDES UP TO ROOF DECK. SEAL JOINTS TO PREVENT SMOKE PASSAGE.
12 CEILING TIE WIRE.
13 5/8" GWB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" GWB
15 26 GA. METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
- 11 NOT USED
- 12 NOT USED
- 13 1 STRUCTURAL STEEL FRAMING MEMBERS FROM PRE-ENGINEERED BUILDING SYSTEM.
2 METAL STAMMING SEAM ROOF PANELS.
3 METAL BUILDING SYSTEM ACCESSORIES.
4 PRE-ENGINEERED STRUCTURAL STEEL ROOF FRAMING "Z" PURLINS.
5 PRE-ENGINEERED STRUCTURAL STEEL WALL FRAMING "Z" PURLINS.
6 METAL BUILDING SYSTEM GUTTER.
7 METAL BUILDING SYSTEM DOWNSPOUT.
8 METAL RAKE TRIM TO MATCH GUTTER PROFILE.
9 VENTILATED RIDGE WITH BIRD SCREEN AND ROOF PANEL CLOSURE ASSEMBLY.
- 14 NOT USED
- 15 1 WATER CLOSET.
2 URINAL.
3 LAVATORY.
4 UTILITY SINK.
5 HVAC DIFFUSER OR GRILLE.
6 FLOOR DRAIN
- 16 1 SUSPENDED LIGHT FIXTURE
2 TROFFER LIGHT FIXTURE
3 EXIT LIGHT.
- * SEE NOTE, SHT NO. A3
- ▲ A5 BUILT

OFFICE - WASHROOM
BUILDING
PARKING SHED
McDUFFIE TERMINAL

DVA
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3309 MOFFETT ROAD MOBILE, AL 36614 205-342-1070

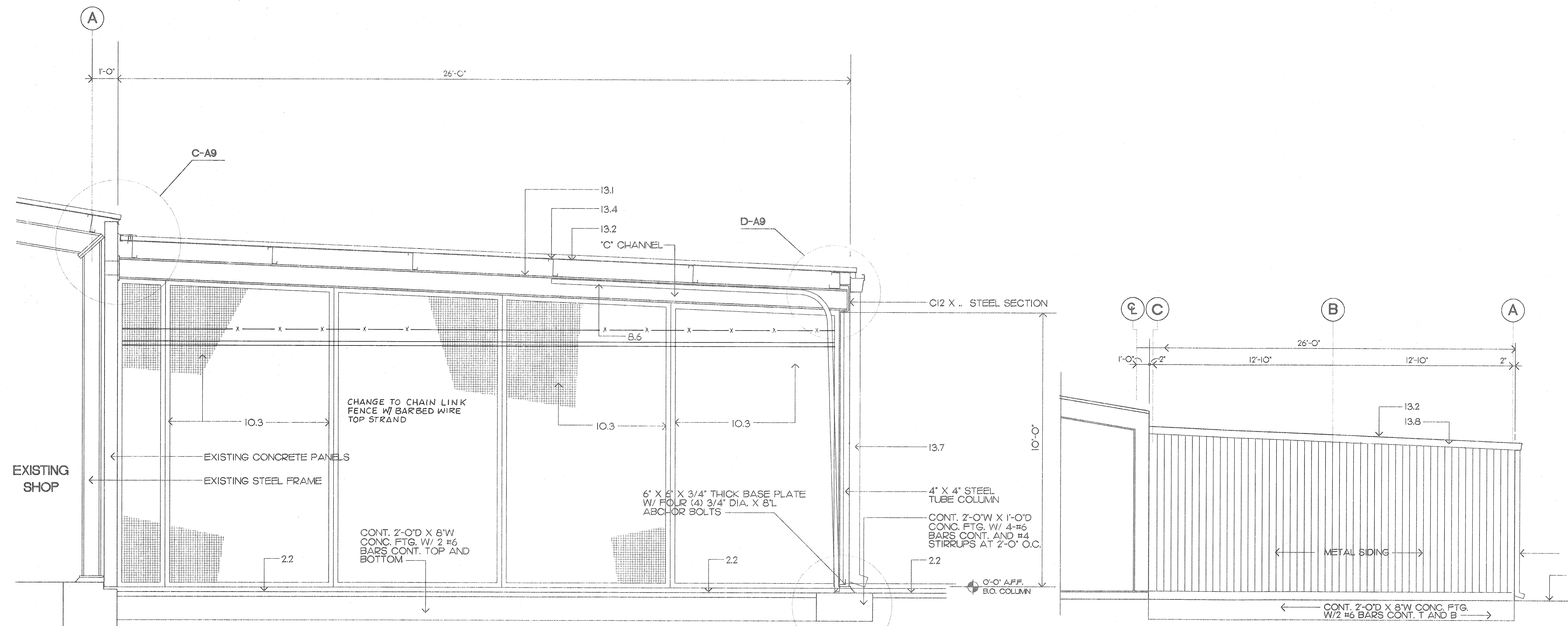


SHEET NUMBER

A7

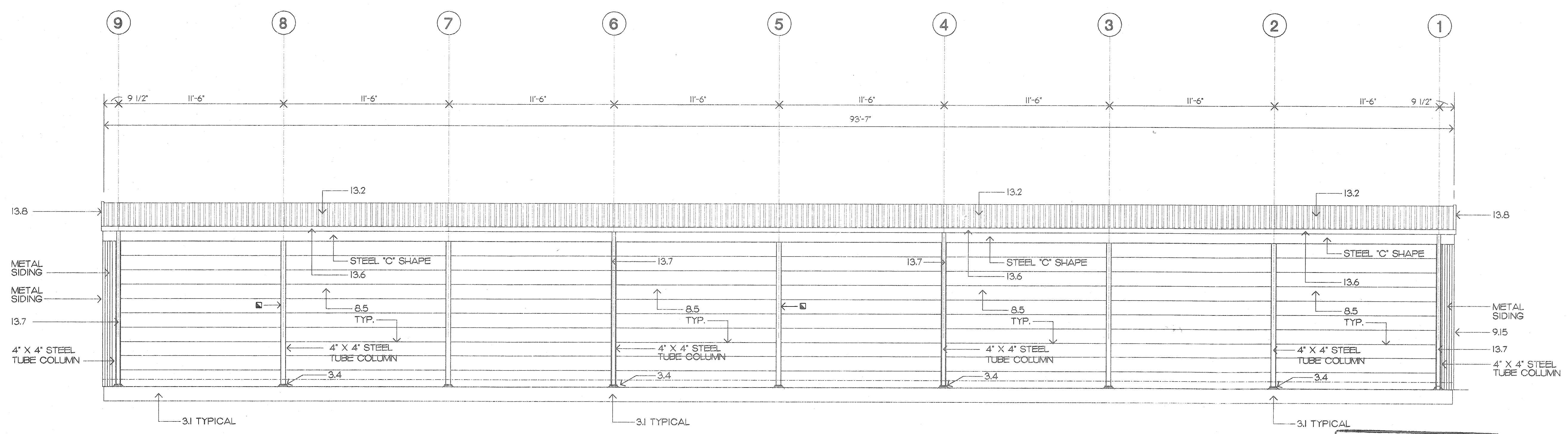
KEYNOTES

- 02 1 FINISH GRADE AT BUILDING.
2 ASPHALT PAVEMENT (SEE SITE PLAN)
3 4" CONCRETE WALK SLAB OVER GRANULAR FILL.
4 RECESSED PREMOULDED JOINT FILLER. COVER FILLER WITH SEALANT.
- 03 1 CONTINUOUS RECTANGULAR CONCRETE FOOTING UP TO STRUCTURAL STEEL COLUMN BASE PLATE. REFER TO FOUNDATION PLAN FOR FOOTING SCHEDULE WITH SIZE AND REINFORCEMENT.
2 CONTINUOUS PERIMETER THICKENED SLAB EDGE. SEE SHEET S-1.
3 4" POST-TENSIONED FLOOR SLAB WITH 6 MIL. POLYETHYLENE VAPOR BARRIER (SEE SHEET S-1)
4 STRUCTURAL STEEL COLUMN BASE PLATE WITH LEVELING NUTS ON ANCHOR BOLTS SET INTO CONCRETE FOOTING PEDESTAL PACK VOID WITH NON-SHRINK GROUT. PRE-ENGINEERED BUILDING DESIGNER TO DETERMINE SIZES AND PLACEMENT.
- 05 1 3 5/8" METAL STUDS AT 16" O.C.
2 2X6 18 GA. STRUCTURAL STEEL CEE STUD FRAMING AT 24" O.C. ATTACHED TO PREENGINEERED BUILDING STRUCTURAL STEEL FRAMING.
3 3 5/8" 22 GA. METAL STUD BRACING AT 24" O.C. SECURE VERTICAL STUDS TO STUDS SECURED TO METAL BUILDING PURLINS.
- 06 1 PLASTIC LAMINATE COUNTERTOP, EDGE ON 3/4" PLYWOOD.
2 WOOD BLOOMING - PRESSURE TREATED AT EXTERIOR LOCATIONS.
3 PLASTIC LAMINATE COVERED BASE AND UPPER CABINETS.
4 WOOD WINDOW TRIM.
5 WOOD WINDOW CASING.
- 07 1 THRU WALL FLASHING.
2 TYPICAL SEALANT JOINT (3/8" UNLESS NOTED OTHERWISE), POSITIVE CONTINUOUS BACK-UP FOR BACKER ROD AND RECESSED SEALANT FILL.
3 RECESS SEALANT AT DOOR FRAMES. PROVIDE CLEAN UNIFORM BREAK BETWEEN MATERIALS. PAINT SEALANT TO MATCH WALL.
4 EXPANSION JOINT COVER.
5 MEMBRANE FLASHING.
6 METALLIC FLASHING.
7 6" VINYL FACED BATT INSULATION.
8 6" BATT INSULATION BETWEEN STUDS.
9 4" BATT INSULATION.
- 08 1 HOLLOW METAL DOOR, REFER TO PLAN AND SCHEDULE FOR TYPE.
2 HOLLOW METAL FRAME, FILL HEAD AND JAMBS WITH GROUT IN EXTERIOR WALL. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 8" EACH SIDE OF FRAME OPENING.
3 ALUMINUM WINDOW OPERABLE. PROVIDE THRU-WALL FLASHING AT ALL EXTERIOR HEAD CONDITIONS, EXTEND 8" EACH SIDE OF FRAME OPENING.
4 ALUMINUM THRESHOLD SET IN SEALANT. REFER TO HARDWARE SCHEDULE FOR TYPE.
5 10'-0" H GARAGE DOOR.
6 GARAGE DOOR TRACK.
- 09 1 2" INSULATION AND FINISH SYSTEM OVER 1/2" SHEATHING ON 6" STRUCTURAL METAL STUDS.
2 1/2" WATER RESISTANT GYPSUM BOARD ON 7/8" FURRING CHANNELS ON 1 1/2" C.R. CHANNELS SUSPENDED FROM METAL BUILDING GIRTS.
3 SUSPENDED ACOUSTICAL CEILING.
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5 CERAMIC FLOOR TILE.
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12 CEILING TIE WIRE.
13 5/8" 9WB EA. SIDE ON 3 5/8" METAL STUDS AT 16" O.C.
14 5/8" 9WB
15 26 GA. METAL WALL PANELS
- 10 1 METAL TOILET PARTITION.
2 METAL URINAL SCREEN.
3 WIRE MESH PARTITION SYSTEM.
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- 16 1 SUSPENDED LIGHT FIXTURE
2 TRUFFER LIGHT FIXTURE
3 EXIT LIGHT.
- * SEE NOTE, SHT. NO. A3
- ▲ AS BUILT



A BUILDING SECTION
SCALE: 1/2"=1'-0"

B EXTERIOR ELEVATION
SCALE: 1/4"=1'-0"



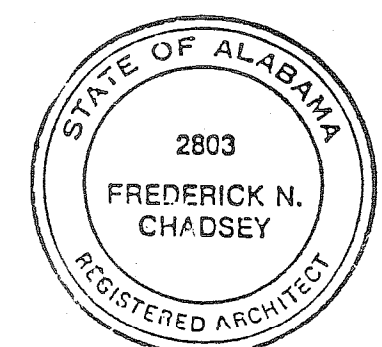
C EXTERIOR ELEVATION
SCALE: 1/4"=1'-0"

REFERENCE ONLY

AS BUILT
DATE 6/13/12

OFFICE - WASHROOM
BUILDING
PARKING SHED
McDUFFIE TERMINAL

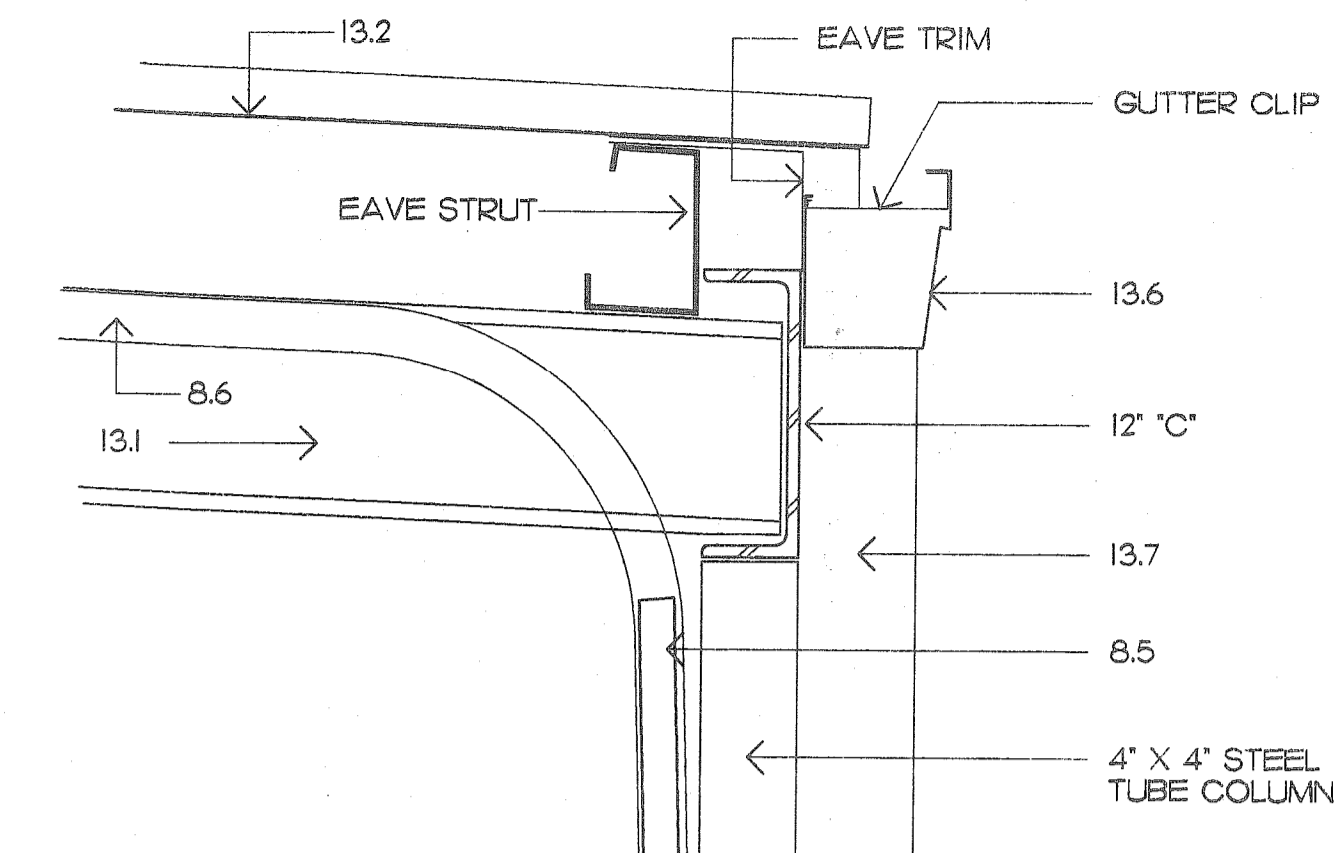
DVetA
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE, AL 36618 205-342-1070



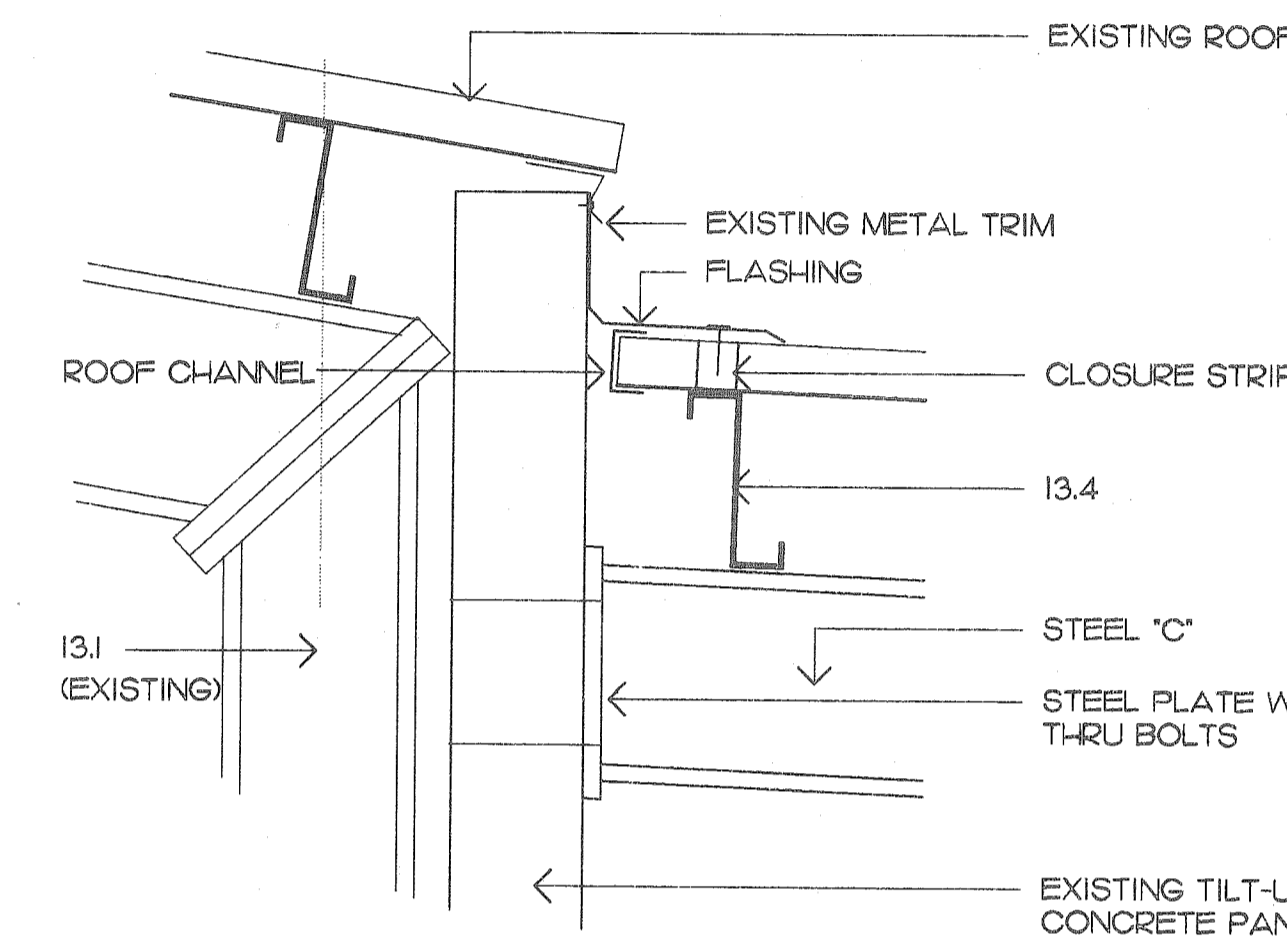
SHEET NUMBER
A8

KEYNOTES

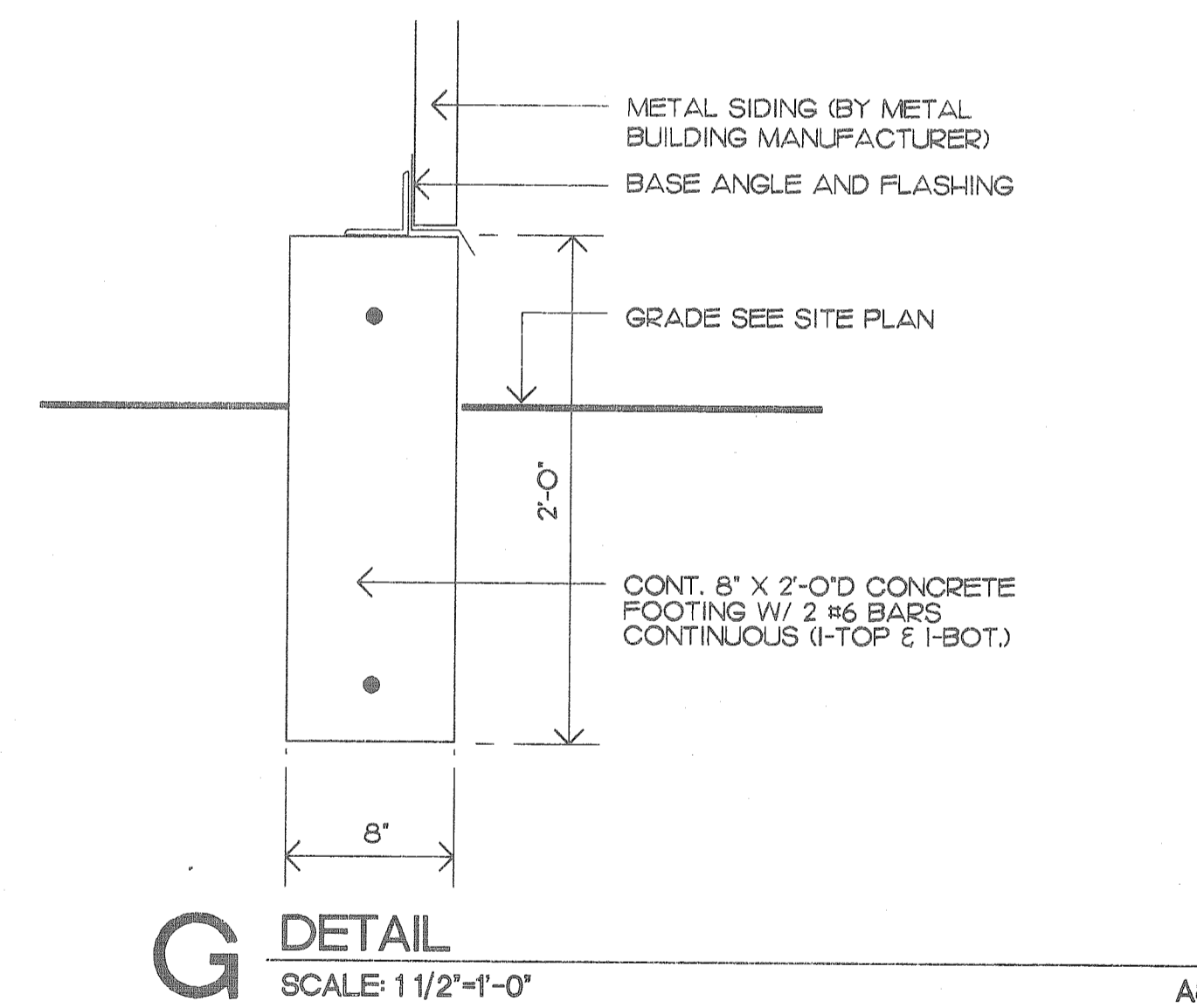
- 02 1 FINISH GRADE AT BUILDING.
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- 16 1 SUSPENDED LIGHT FIXTURE
2 TROFFER LIGHT FIXTURE
3 EXIT LIGHT
- * SEE NOTE, SHT. NO. A3
- AS BUILT



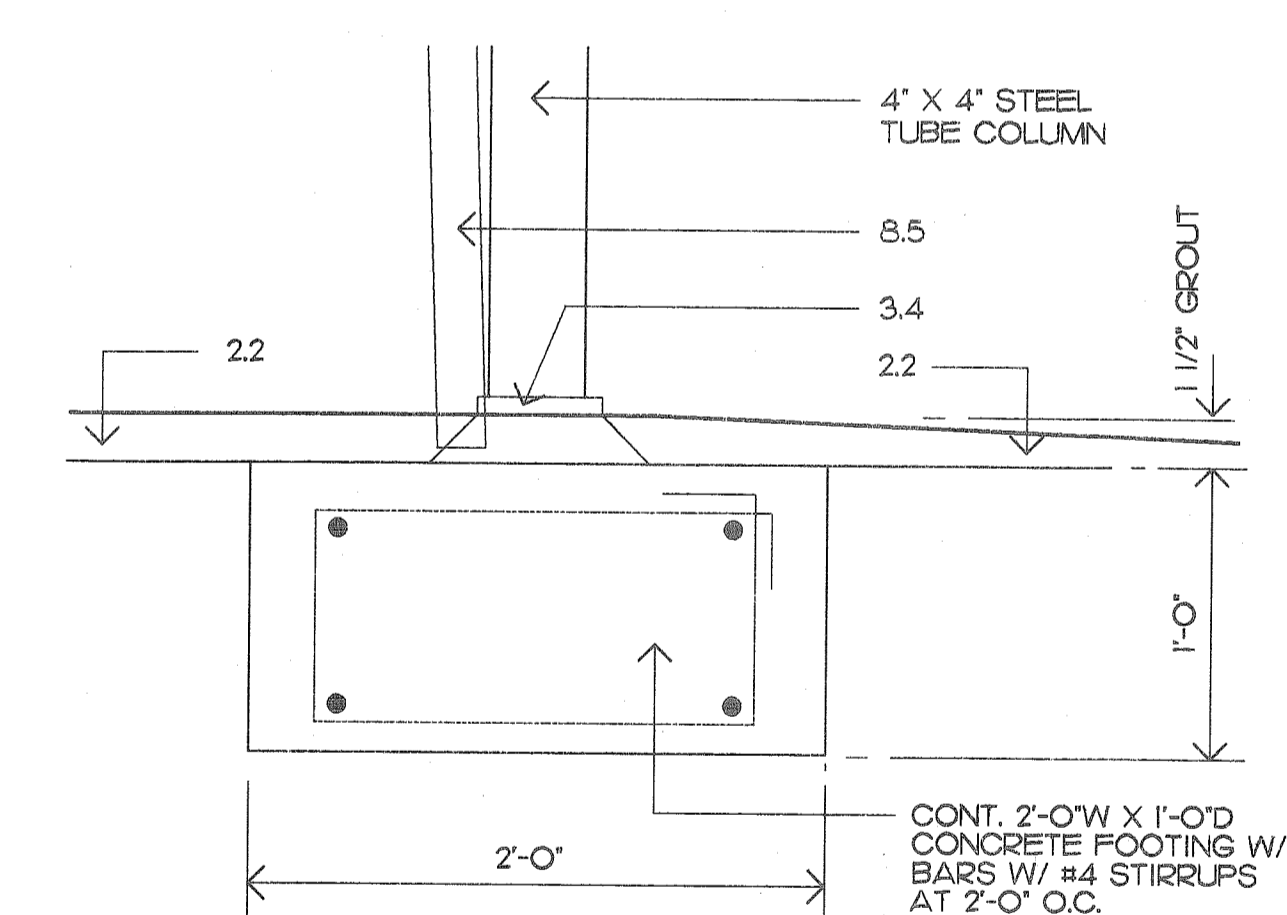
D DETAIL
SCALE: 1 1/2"=1'-0"
A8



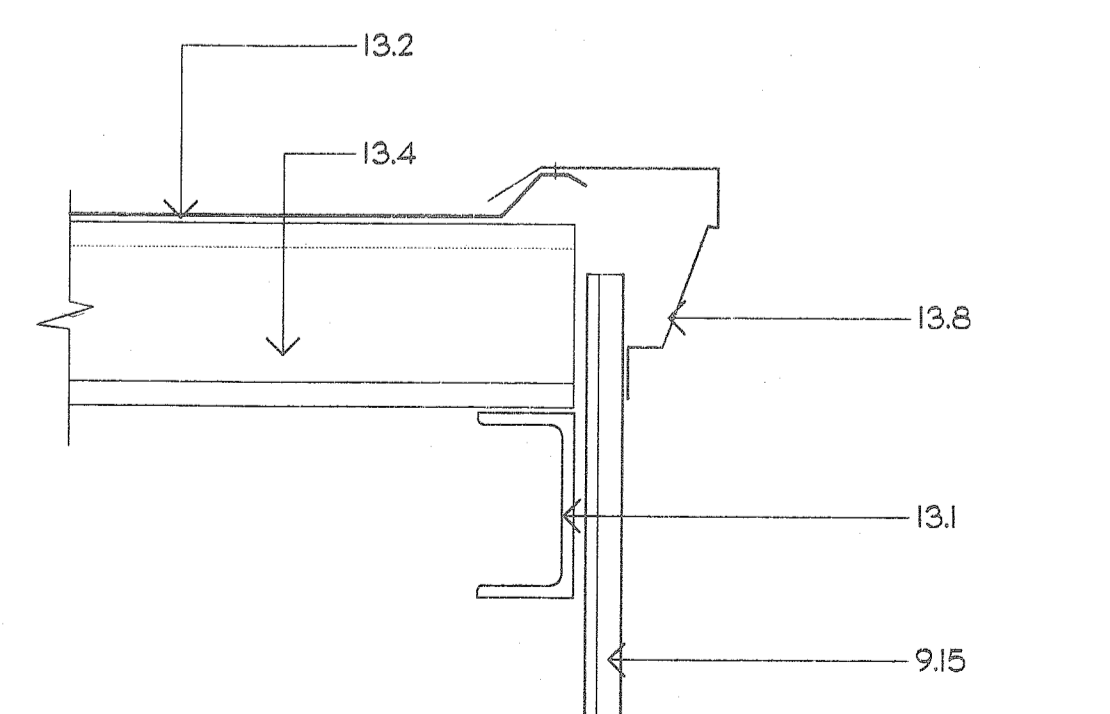
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SCALE: 1 1/2"=1'-0"
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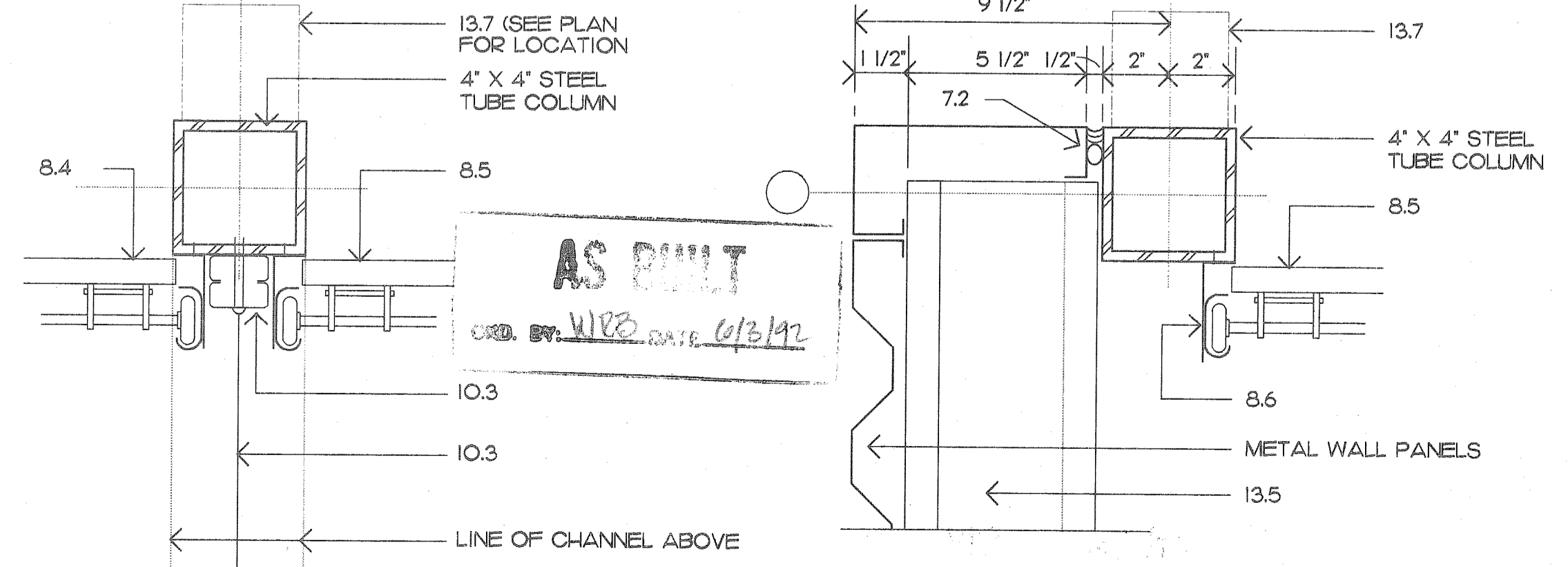
G DETAIL
SCALE: 1 1/2"=1'-0"
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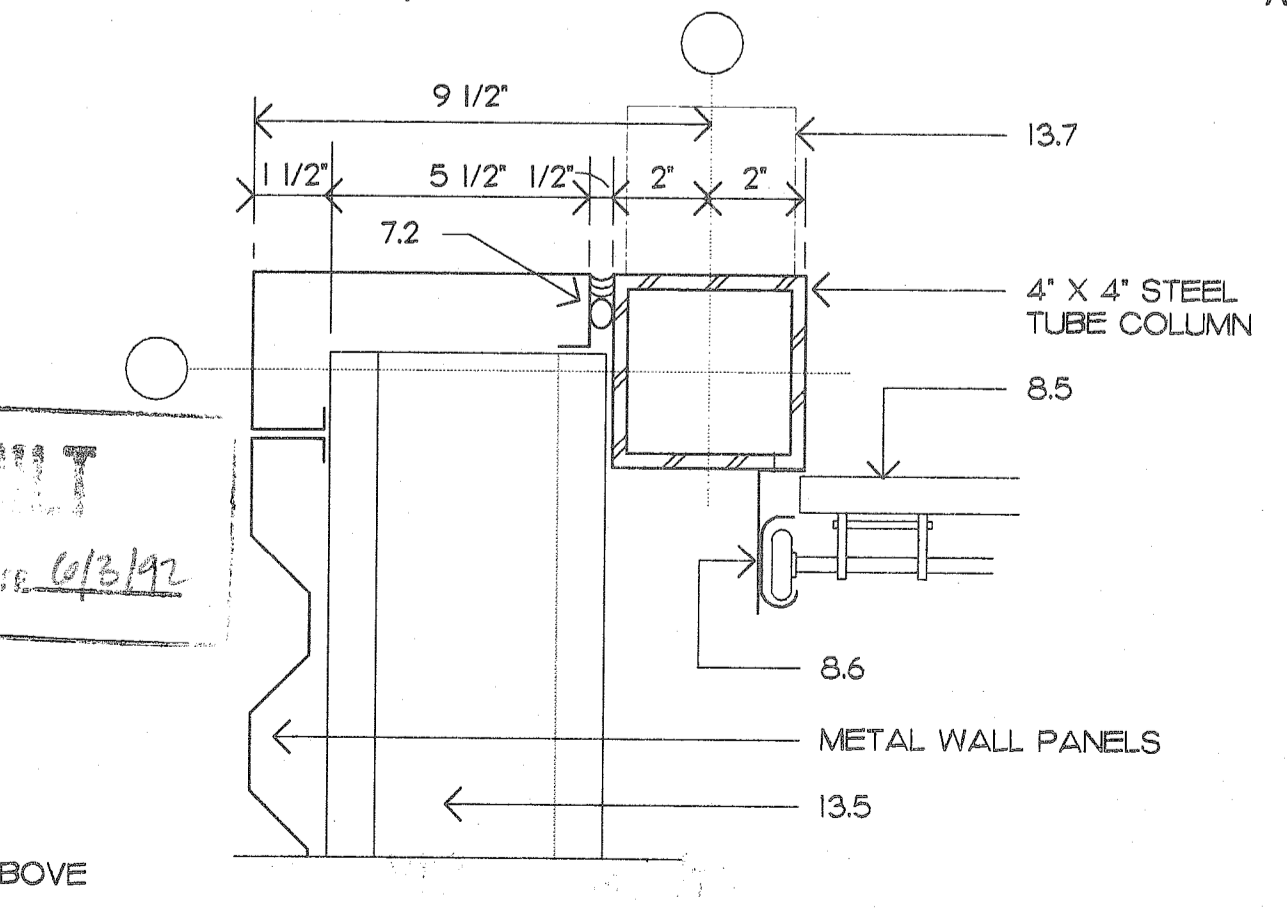
B DETAIL
SCALE: 1 1/2"=1'-0"
A8



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



E DETAIL
SCALE: 3"=1'-0"
CHANGED ADDENDUM #2

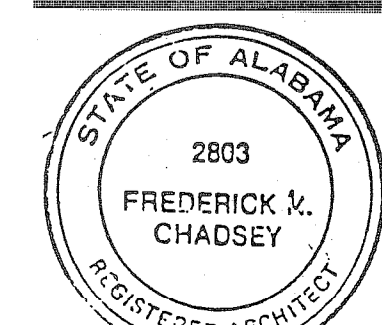


A DETAIL
SCALE: 3"=1'-0"
CHANGED ADDENDUM #2
A7

REFERENCE ONLY

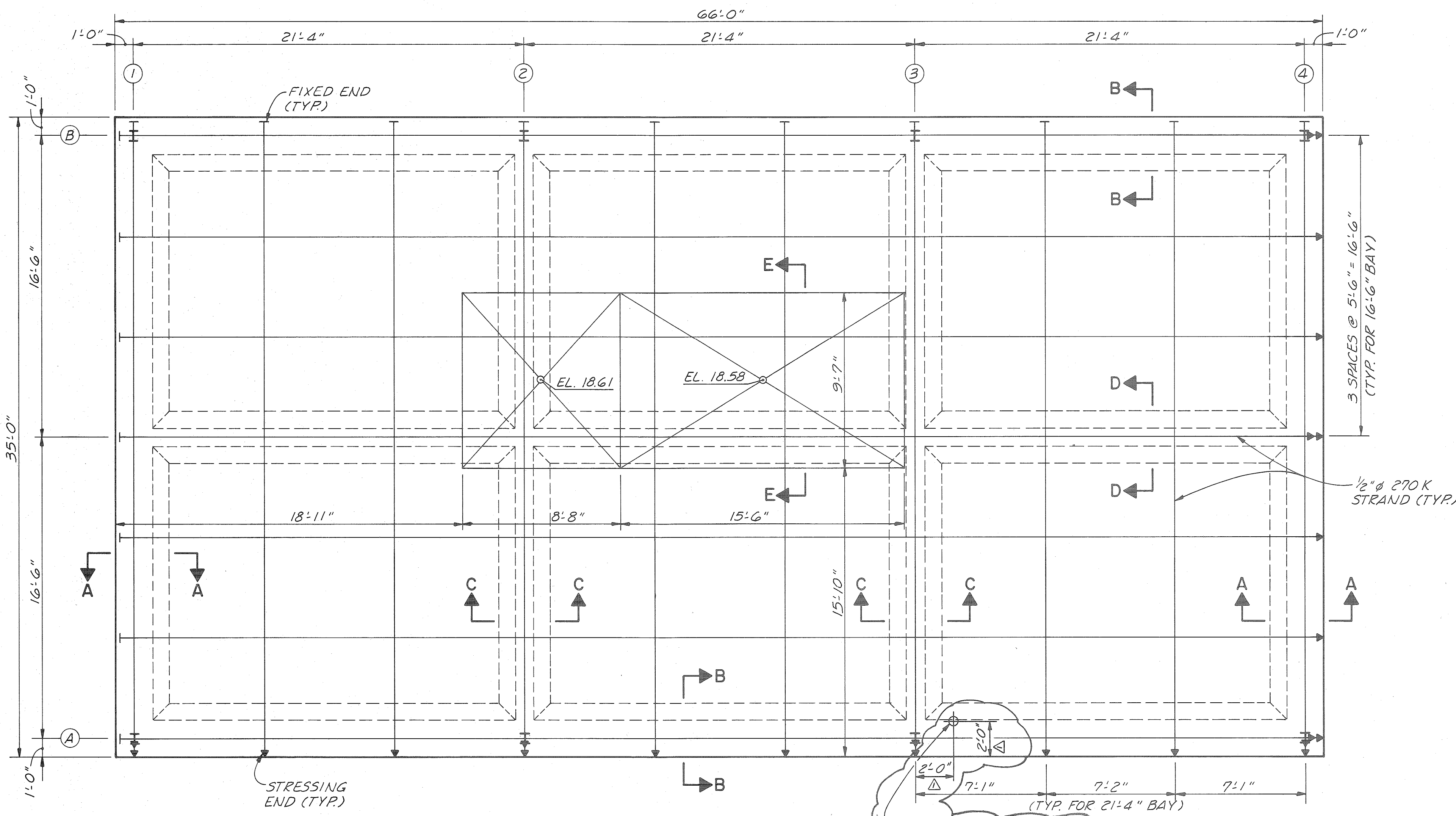
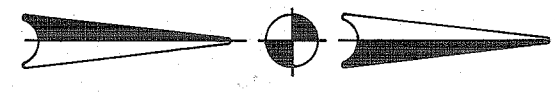
OFFICE - WASHROOM
BUILDING
PARKING SHED
McDUFFIE TERMINAL

DVA
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3509 MOFFETT ROAD MOBILE AL 36619 251-342-1070



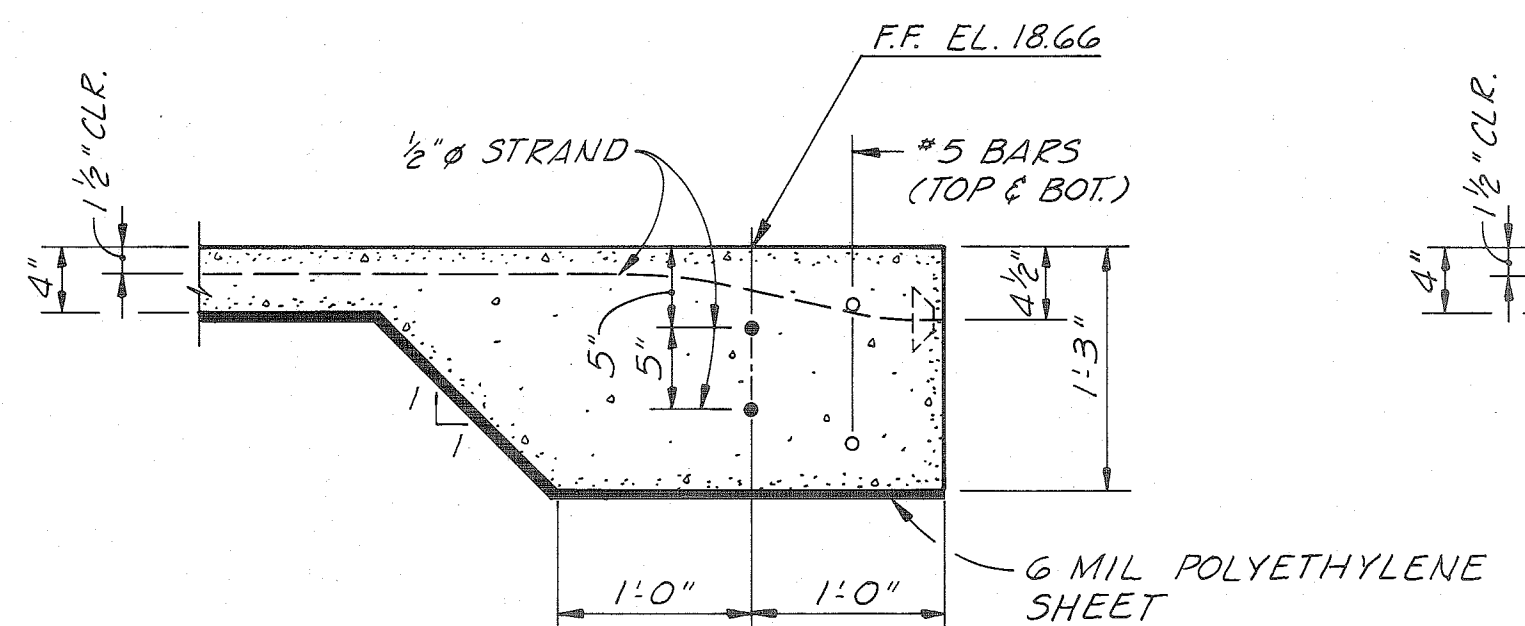
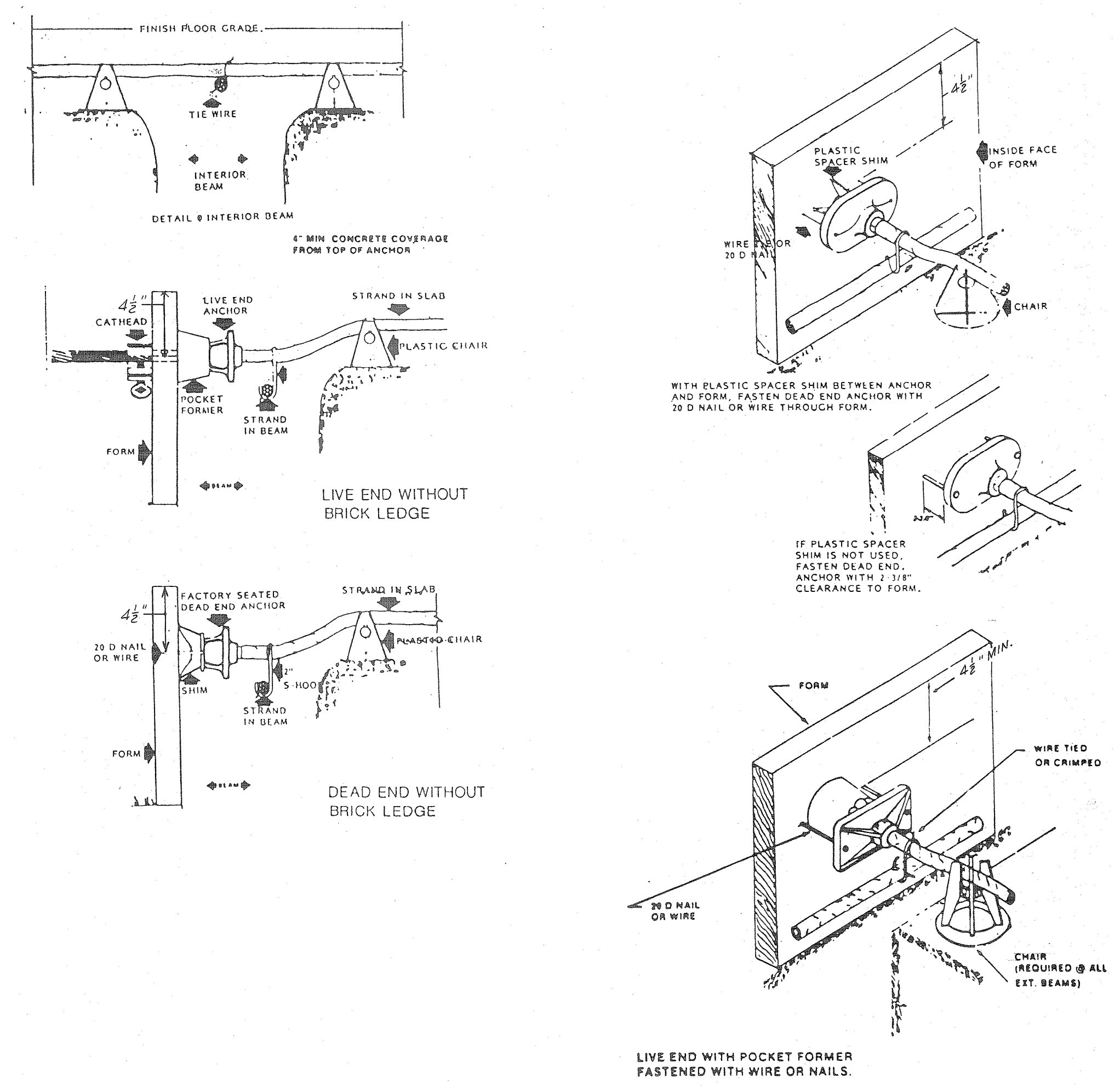
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A9

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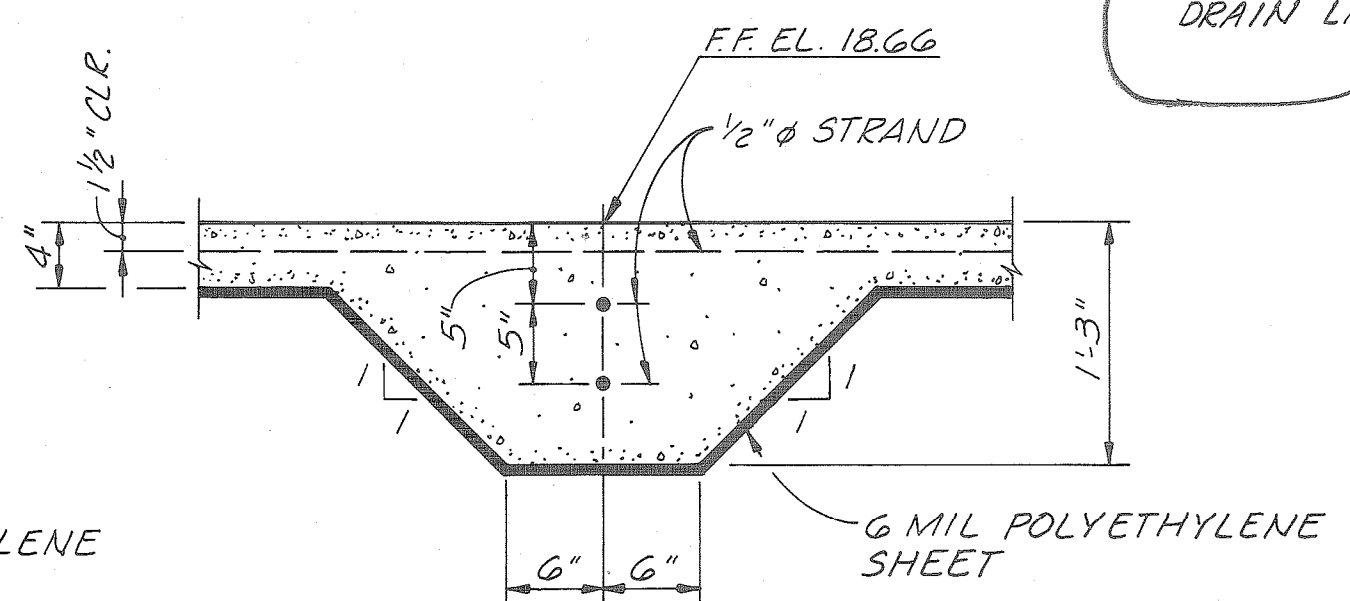


PLAN - POST-TENSIONED SLAB
SCALE: 1/4" = 1'-0"

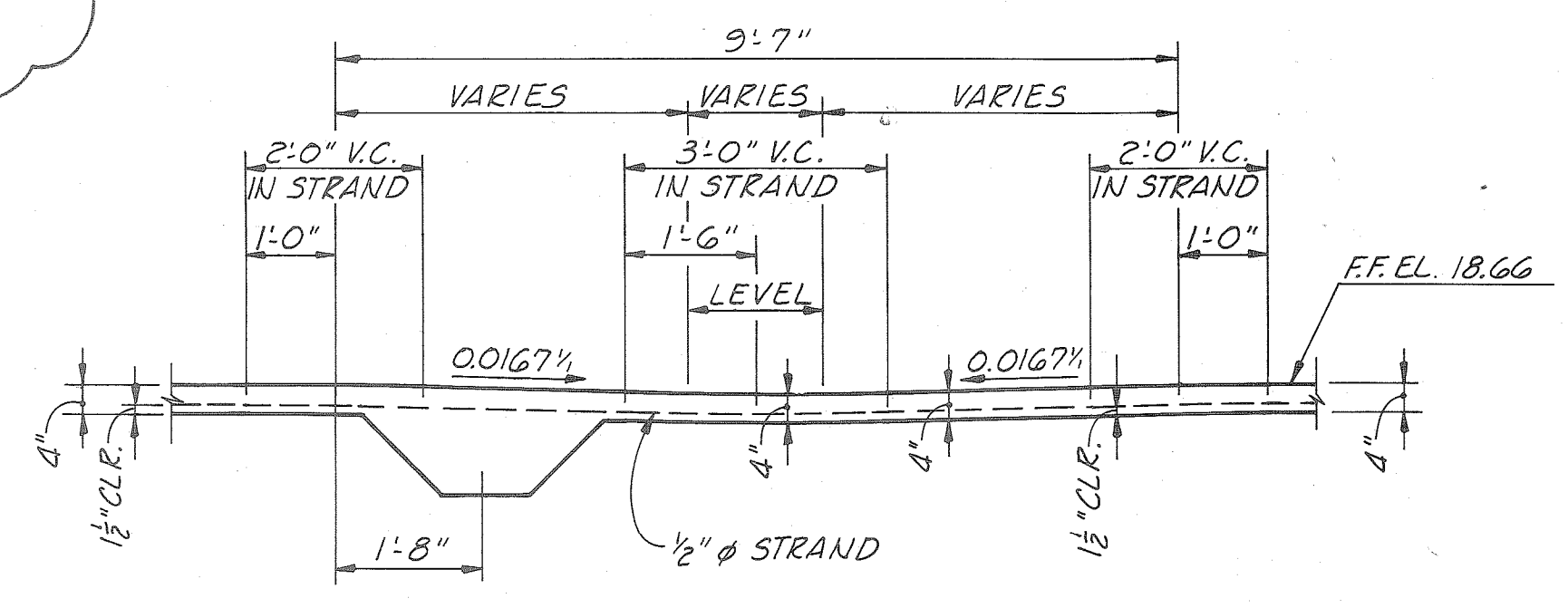
4" Ø HOLE CORE DRILLED THROUGH SLAB. (FILL ANNULAR SPACE WITH GROUT AFTER INSTALLING WASTEWATER DRAIN LINE)



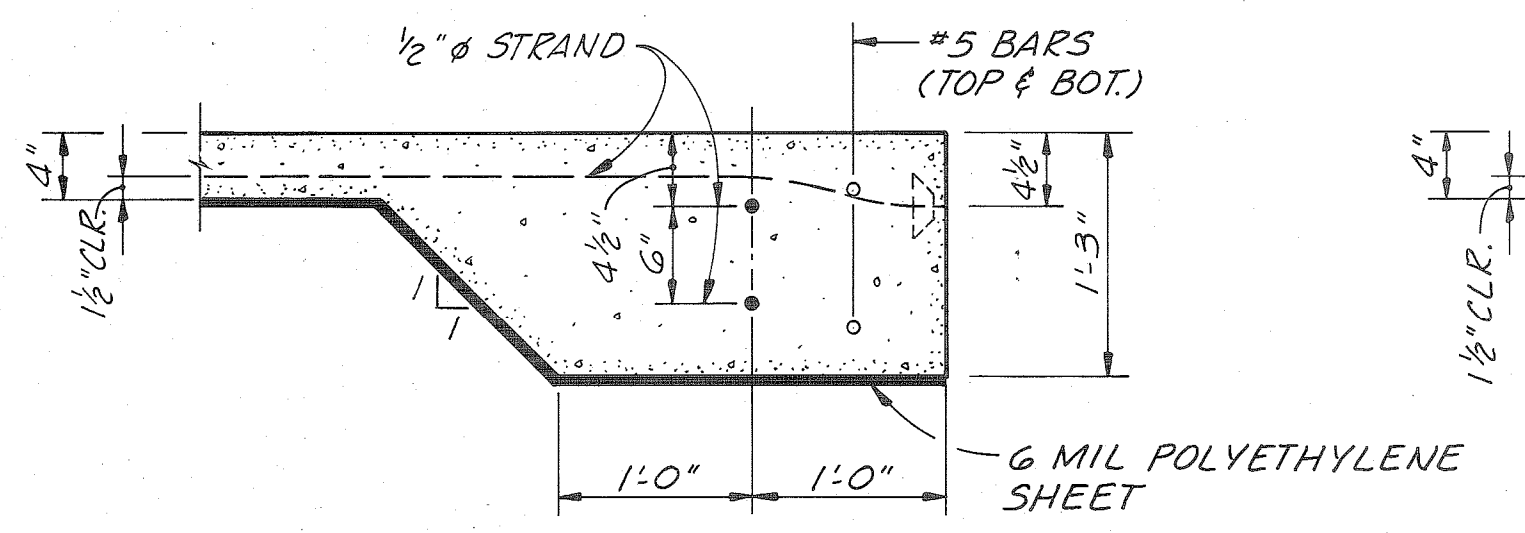
SECTION A-A
SCALE: 1" = 1'-0"



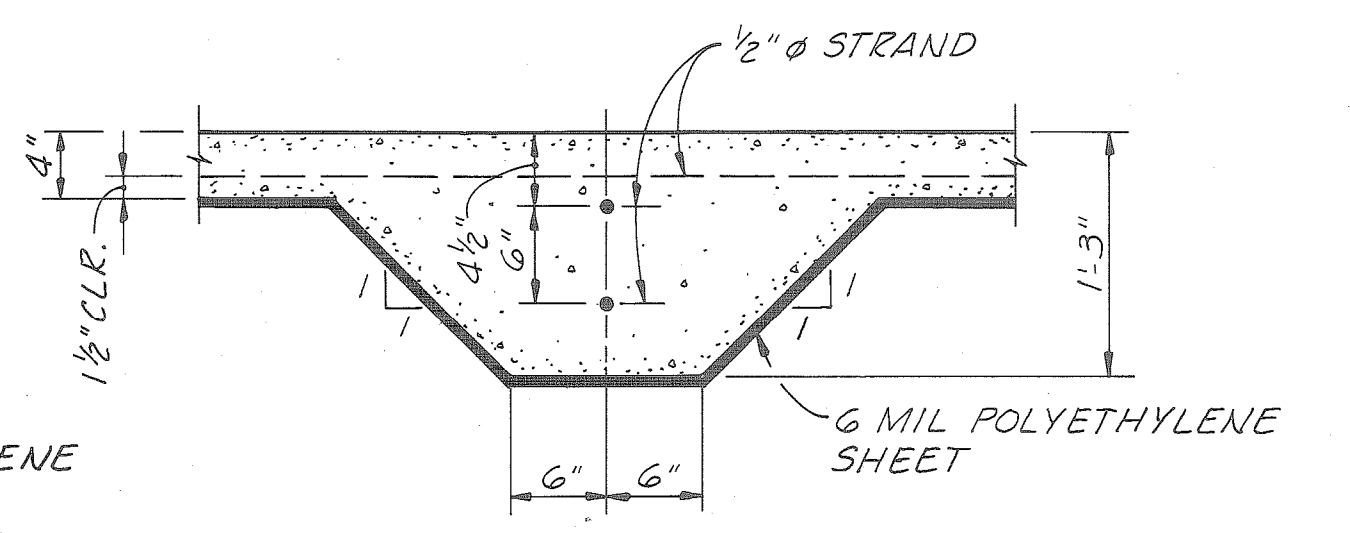
SECTION C-C
SCALE: 1" = 1'-0"



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

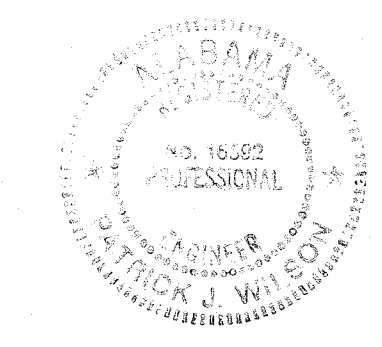


SECTION B-B
SCALE: 1" = 1'-0"



SECTION D-D
SCALE: 1" = 1'-0"

NOTES:
F.F. DENOTES FINISH FLOOR.
V.C. DENOTES VERTICAL CURVE.



AS BUILT
CHD. BY: WJB DATE: 6/13/92

ALABAMA STATE DOCKS

McDUFFIE TERMINALS

OFFICE - WASHROOM BLDG.
STRUCTURAL DETAILS

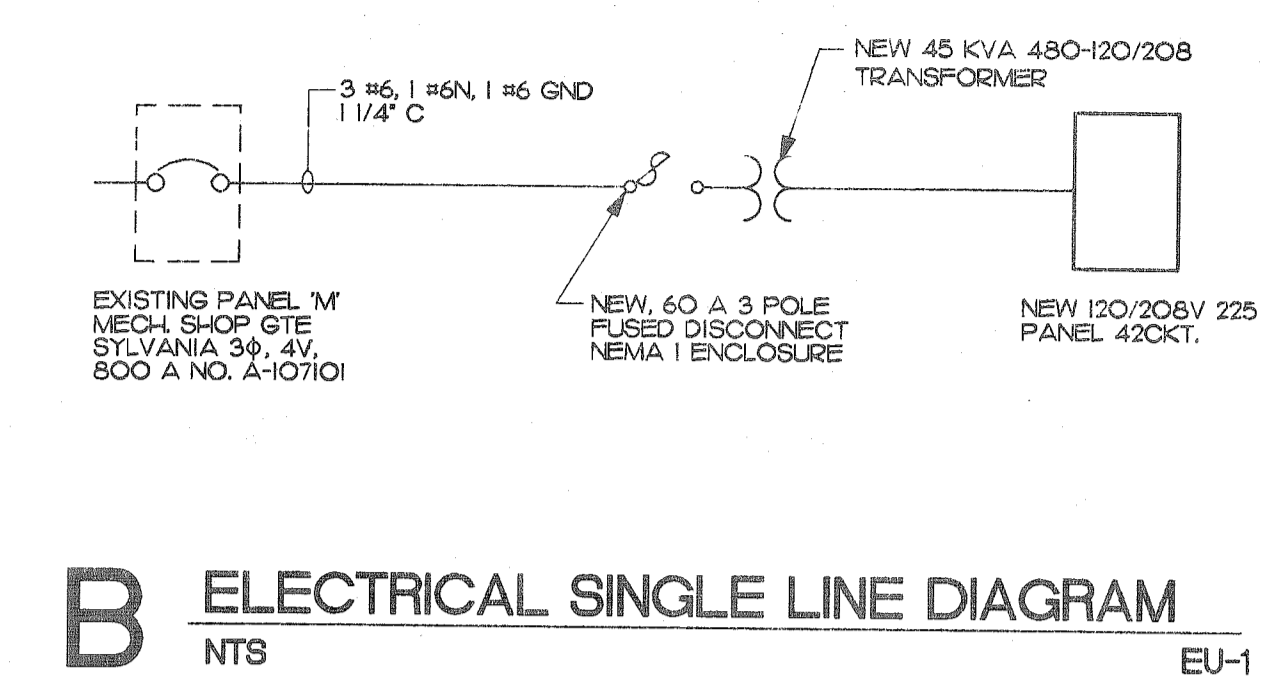
DAVID VOLKERT & ASSOCIATES, INC.
CONSULTING ENGINEERS

DESIGNED P.J.W.	DETAILED J.W.C.	TRACED J.W.C.
CHECKED P.J.W.	CHECKED P.J.W.	CHECKED
DATE 7-23-91		

REFERENCE ONLY

PANEL NO. 'A' VOLTAGE 120/208 PHASE 3Φ WIRE 4 BUS RATING 225A MOUNTING SURFACE									
MFG/MODEL SQUARE D NGOOD ENCLOSURE NEMA1 POLES 42 MAIN 100 A MAIN CB 14" WIDE									
SERVICES	LOAD (KVA)	TRIP POLE	GKT NO.	PHASE	GKT NO.	TRIP POLE	LOAD (KVA)	SERVICES	
				A B C					
AC COMPRESSOR	6	50/2	1		2	20/2	3.3	UH-1	
HV-1	1.6	20/1	5		6	20/1	.7	EF-1	
AC-1	1.6	20/1	7		8	20/1	.7	WH-1	
MECH. CONTROLS	.2	20/1	9		10	20/1	.5	LIGHTS (OFFICE/PRINT)	
LIGHTS (BREAK ROOM)	1.1	20/1	11		12	20/1	.6	LIGHTS (SOUTH BATH)	
LIGHTS (SOUTH SHOWER)	.4	20/1	13		14	20/1	.6	LIGHTS (NORTH BATH)	
LIGHTS (OFFICE)	.3	20/1	15		16	20/1	.6	LIGHTS (NORTH SHOWER)	
EXIT EM. LIGHTS	.2	20/1	17		18	20/1	.3	LIGHTS (MECH. AREA)	
LIGHTS (OUTSIDE)	.6	20/1	19		20	20/1	.6	REC (JANITOR)	
REC. (SOUTH BATH)	.3	20/1	21		22	20/1	1.8	REC (OFFICE/PRINT)	
REC. (COKE MACHINE)	.5	20/1	23		24	20/1	1.8	REC (BREAK/OFFICE)	
REC. (NORTH BATH)	.3	20/1	25		26	20/1	.4	REC (MECH. ROOM)	
SPARE		20/2	28		28	20/1	.5	REC (BREAK COUNTER)	
			29		30	20/1		SPARE	
			31		32				
			33		34				
			35		36				
			37		38				
			39		40				
			41		42				
TOTAL KVA	25.0 KVA								

C ELECTRICAL SERVICE EQUIPMENT ELEVATION
SCALE: 1/4"=1'-0" E-1

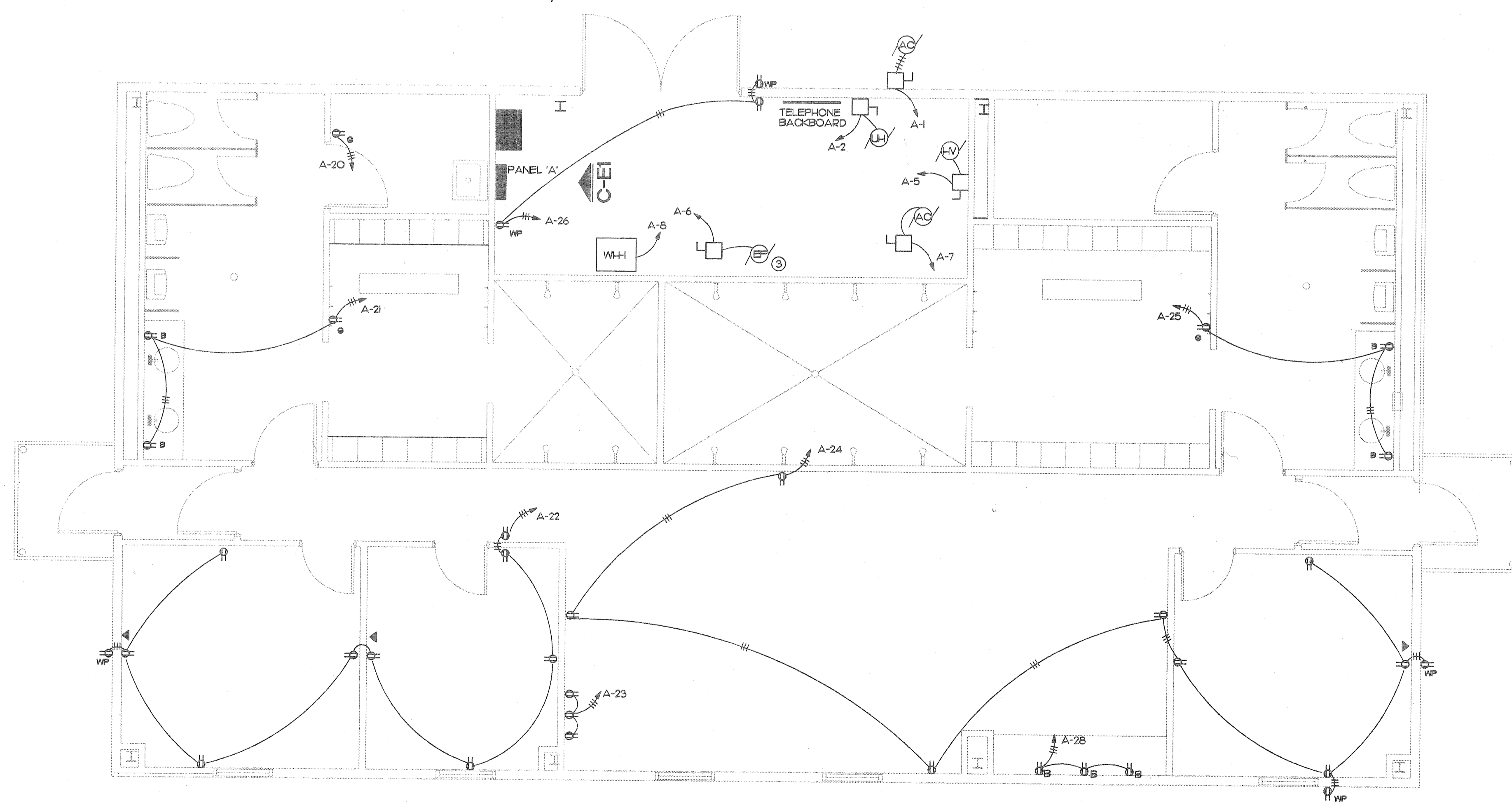


B ELECTRICAL SINGLE LINE DIAGRAM
NTS EU-1

- NOTES:**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEC AND ALL OTHER RULES AND REGULATIONS.
 2. SURFACE RUN CONDUIT ALLOWED ONLY IN ELECTRICAL AND MECHANICAL AREAS.
 3. DISCONNECT FOR EH-1 LOCATED ON ROOF.

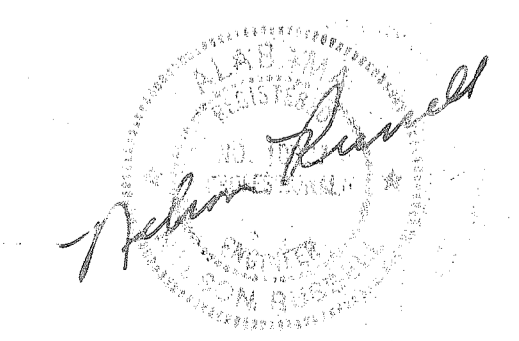
ELECTRICAL POWER LEGEND

-
-
-
-
-
-
-
-
-



A POWER PLAN
SCALE: 1/4"=1'-0" E-1

AS BUILT
CREATED BY: WRB DATE: 10/31/97



OFFICE - WASHROOM BUILDING PARKING SHED McDUFFIE TERMINAL

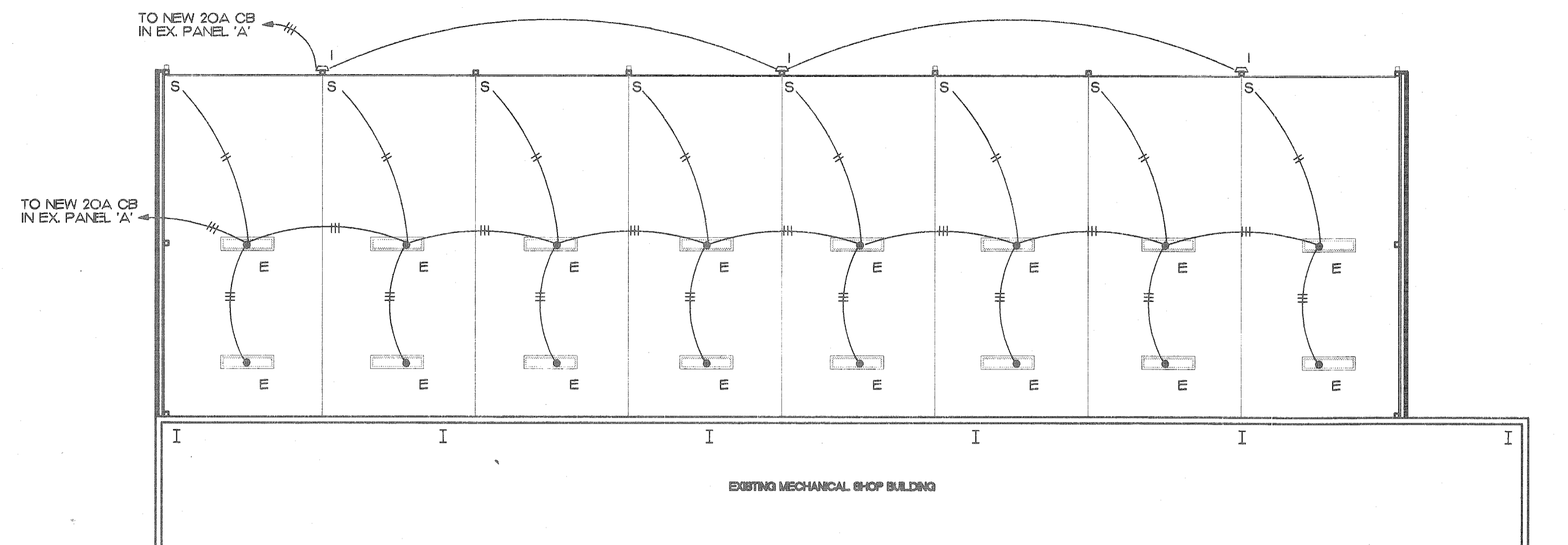
DV & A
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE, AL 36619 205-342-1070

REFERENCE ONLY

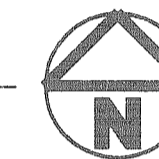
SHEET NUMBER
E1

NOTES:

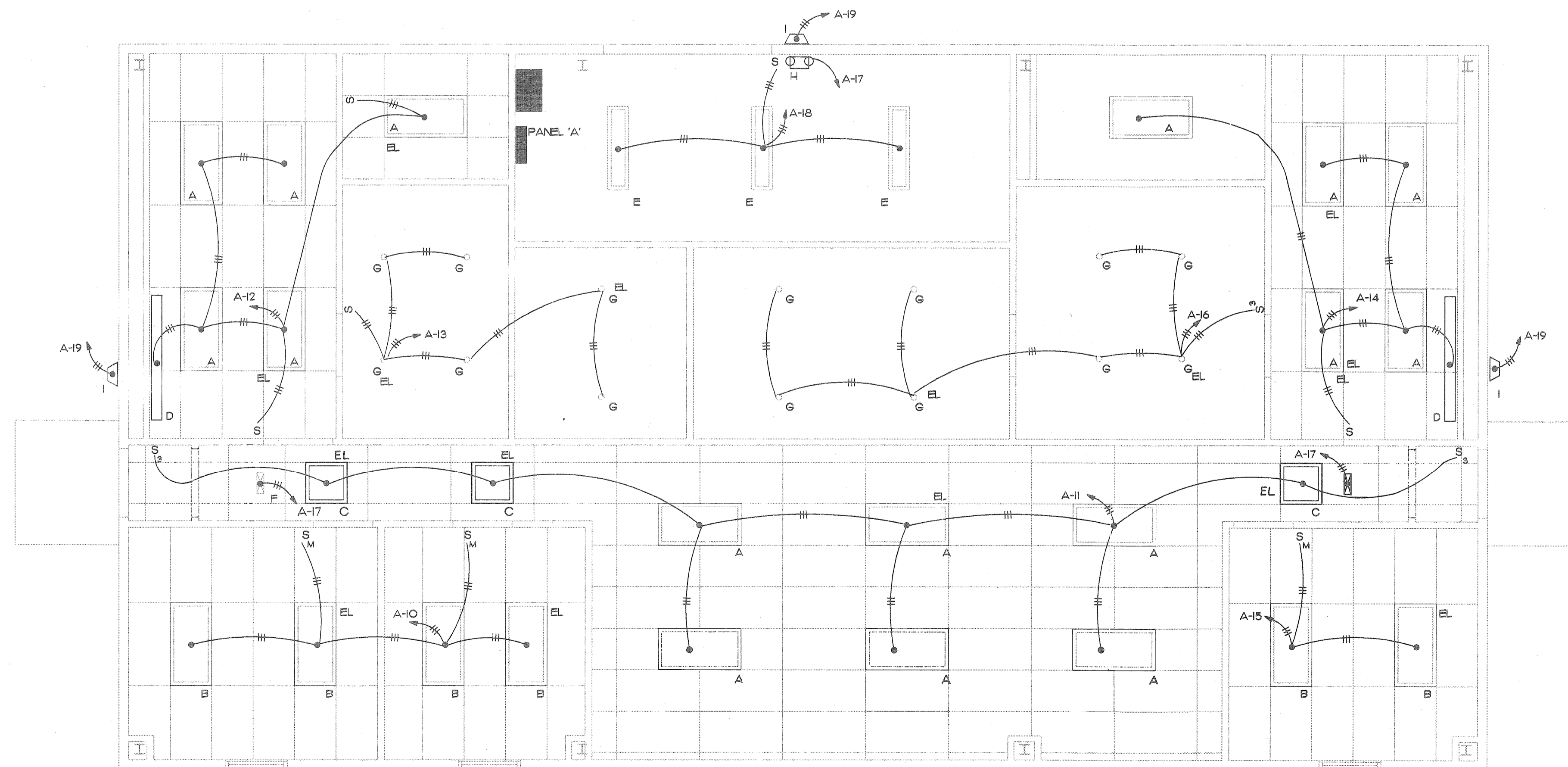
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEC AND ALL OTHER LOCAL RULES AND REGULATIONS.
2. SURFACE RUN CONDUIT ALLOWED ONLY IN ELECTRICAL AND MECHANICAL AREAS.
3. SEE SHEET E1 FOR SINGLE LINE DIAGRAM AND PANEL SCHEDULES.
4. CONTRACTOR SHALL ADJUST MOTION SWITCHES AS DIRECTED BY ENGINEER IN FIELD.
5. CONTRACTOR SHALL CLEAN ALL LIGHT FIXTURES PRIOR TO COMPLETION OF JOB.
6. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF LIGHTS WITH LOCATION OF MECHANICAL EQUIPMENT.
7. CONTRACTOR SHALL AIM AND ADJUST ALL LIGHTS AS DIRECTED BY ENGINEER IN FIELD.
8. ALL FLUORESCENT FIXTURES SHALL HAVE ELECTRONIC BALLAST.



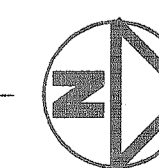
B LIGHTING PLAN
SCALE: 1/8"=1'-0"



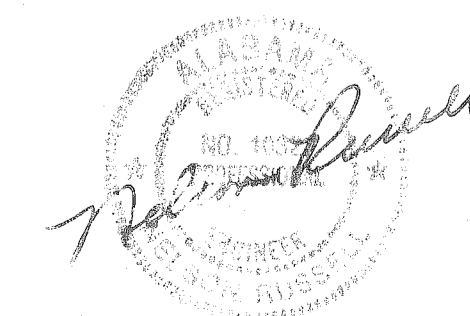
ELECTRICAL LEGEND	
S	20 A, SPEC. GRADE SINGLE POLE SWITCH LEVITON OR APPROVED EQUAL.
S ₁	BRYANT MOTION SWITCH, MSW600-120 OR APPROVED EQUAL.
S ₃	20A, SPEC. GRADE 3-WAY SWITCH LEVITON OR APPROVED EQUAL.
■	PANEL BOARD
— —	BRANCH CIRCUIT NO. OF HASH MARKS INDICATES # OF CONDUCTORS CONCEALED IN CONDUIT
— —	HOME RUN TO PANEL BOARD



A LIGHTING PLAN
SCALE: 1/4"=1'-0"



AS BUILT
ISS. BY: WJB 6/13/12



SEE SPECIFICATIONS FOR DETAILED INFORMATION ON LIGHT FIXTURES

MARK	TYPE	LAMPS		MOUNTING	REMARKS
		NO.	TYPE		
A	2' X 4' - 2 LAMP	2	F40	RECESSED	ELECTRONIC BALLAST 120V
B	2' X 4' 3 LAMP	3	F40	RECESSED	ELECTRONIC BALLAST 120V
C	2' X 2' - 2 LAMP	2	F40	RECESSED	ELECTRONIC BALLAST 120V
D	MIRROR LIGHT	2	F40	WALL	OVER MIRROR 120V
E	1' X 4' INDUSTRIAL	2	F40	CHAIN	
F	EXIT SIGN	2	15W T6	WALL	EXIT SIGNS/ BACK MOUNT WITH BATTERY PACK
G	SHOWER LIGHT	2	18W PL	RECESSED	
H	EMERGENCY LIGHT	2	12W HEADS	WALL	EMERGENCY LIGHT 2 HEADS
I	WALL PACK	1	175W HPS	WALL	BUILT IN PHOTO CELL

* EL. NEXT TO FIXTURE INDICATED FIXTURE WITH EMERGENCY BATTERY PACK

REFERENCE ONLY

AS BUILT

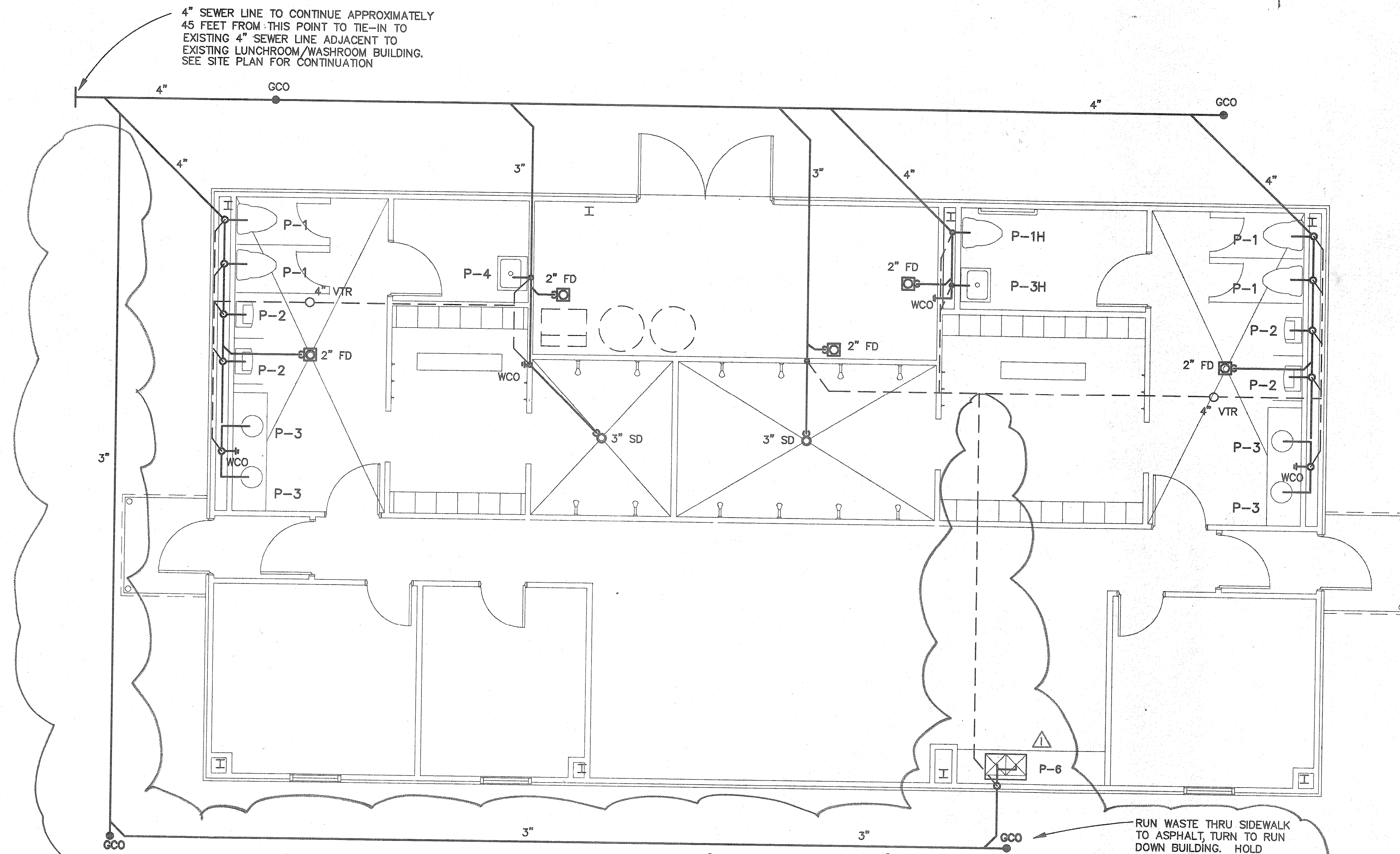
OFFICE - WASHROOM BUILDING
PARKING SHED
McDUFFIE TERMINAL

DV&A
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE AL 36613 205-342-1070

SHEET NUMBER

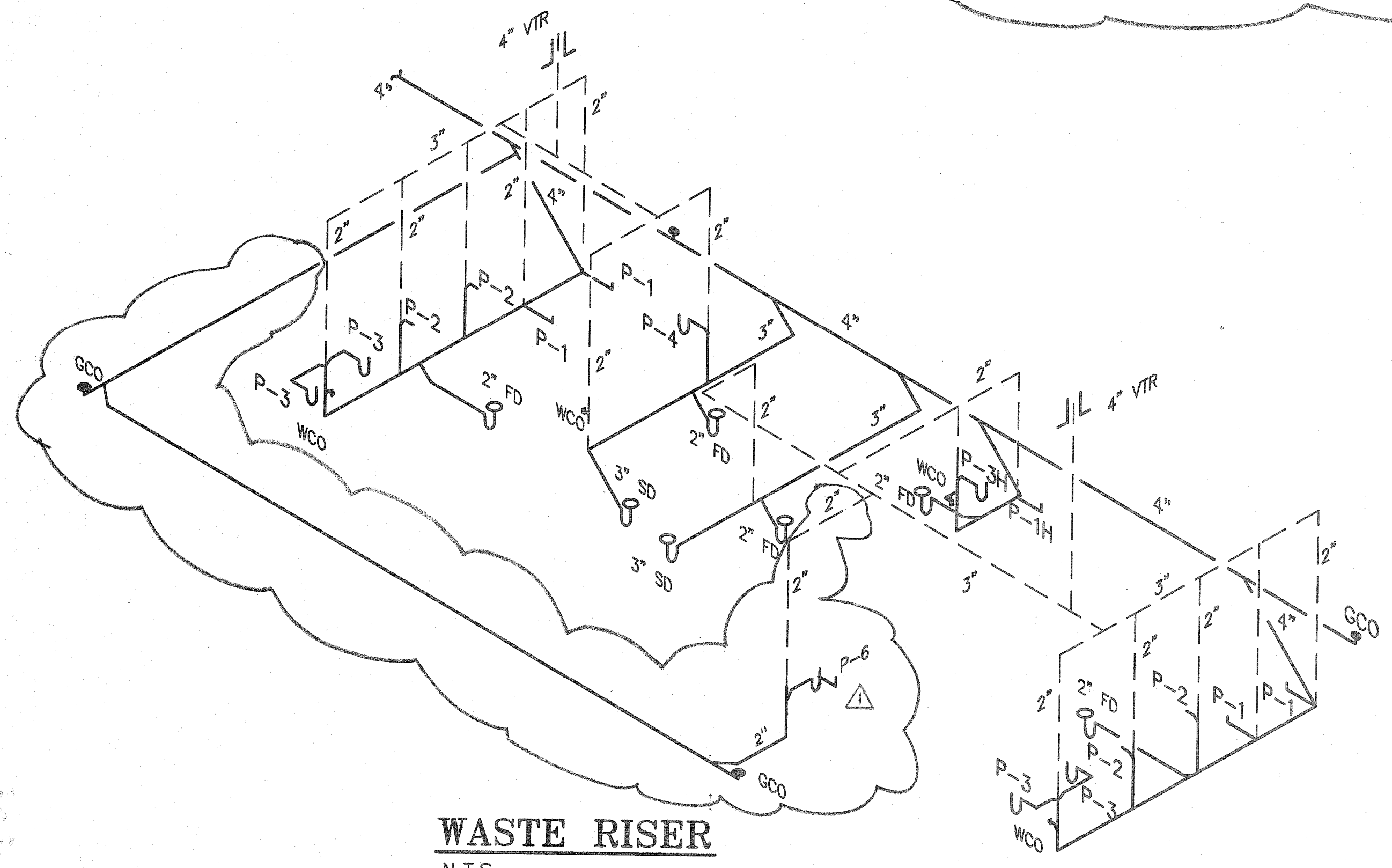
E2

PLUMBING LEGEND	
	WASTE PIPING
	VENT PIPING
	COLD WATER SUPPLY PIPING
	HOT WATER SUPPLY PIPING
	GAS PIPING
	CONDENSATE DRAIN PIPING
	GATE VALVE
	GAS COCK
	CHECK VALVE
	BACKFLOW PREVENTER
	FLOOR DRAIN
	SHOWER DRAIN
	FLOOR CLEAN OUT
	WALL CLEAN OUT
	GRADE CLEAN OUT
	VENT THRU ROOF
	ABOVE FINISHED FLOOR

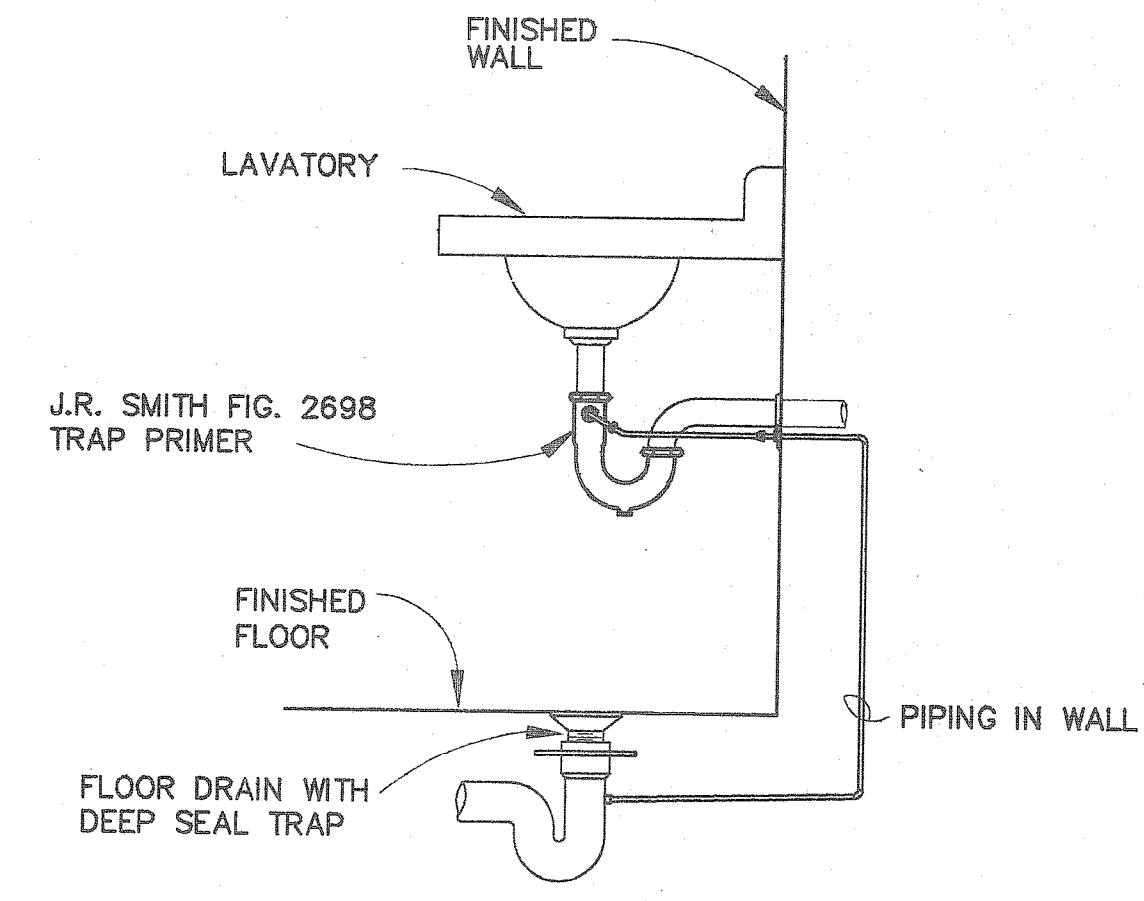


WASTE PLAN
 SCALE: 1/4"=1'-0"

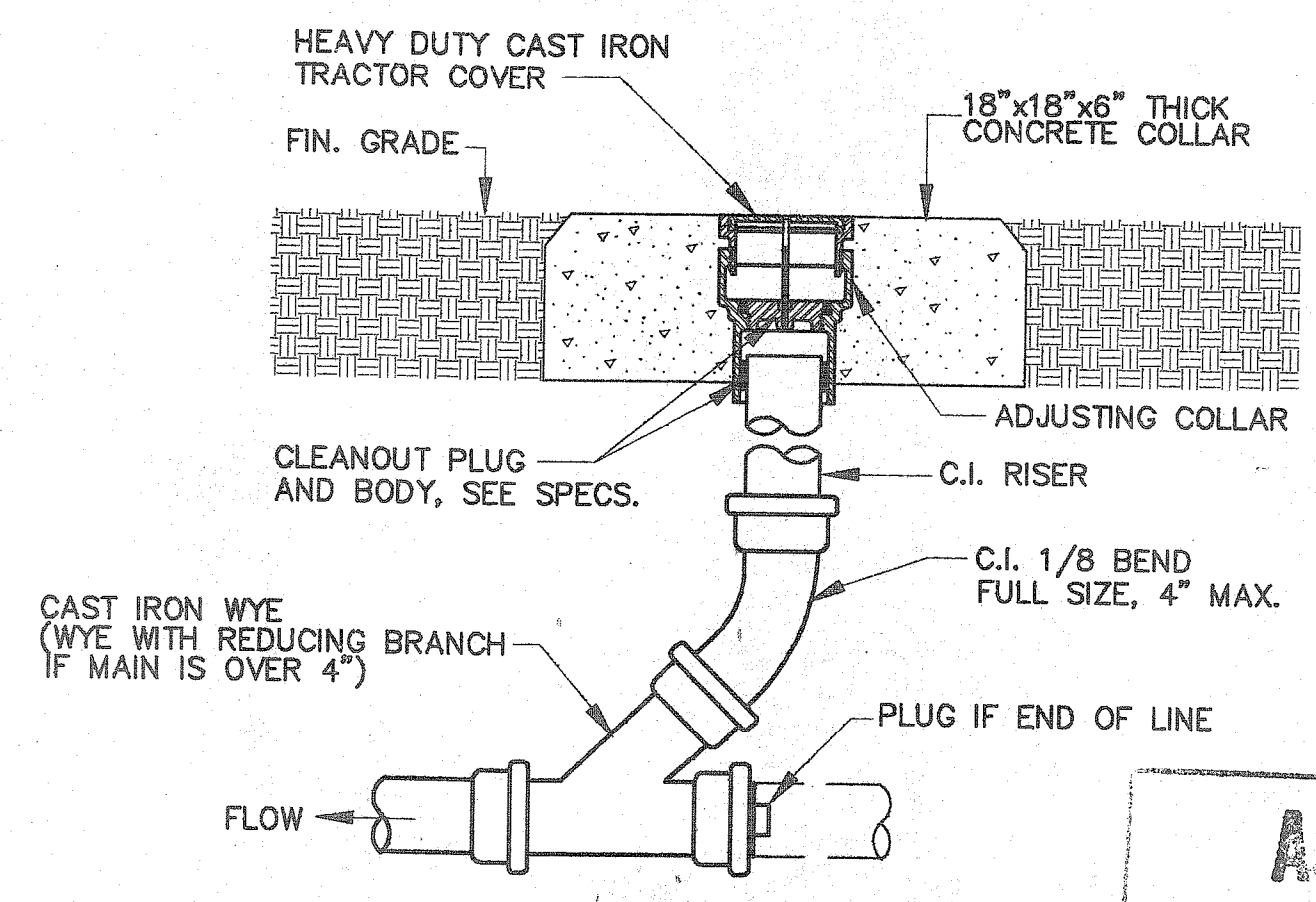
RUN WASTE THRU SIDEWALK TO ASPHALT, TURN TO RUN DOWN BUILDING. HOLD CUTTING AND PATCHING OF SIDEWALK TO A MINIMUM.



WASTE RISER
 N.T.S.



RESTROOM TRAP PRIMER DETAIL
 N.T.S.



GRADE CLEANOUT
 N.T.S.

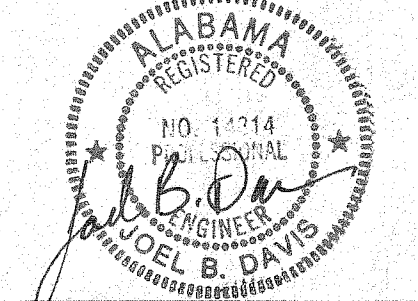
AS BUILT
 CRED. BY: WFE DATE: 6/2/92

AS BUILT WKS.
 1/13/92

OFFICE - WASHROOM BUILDING PARKING SHED
McDUFFIE TERMINAL

DAVID VOLKERT & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS

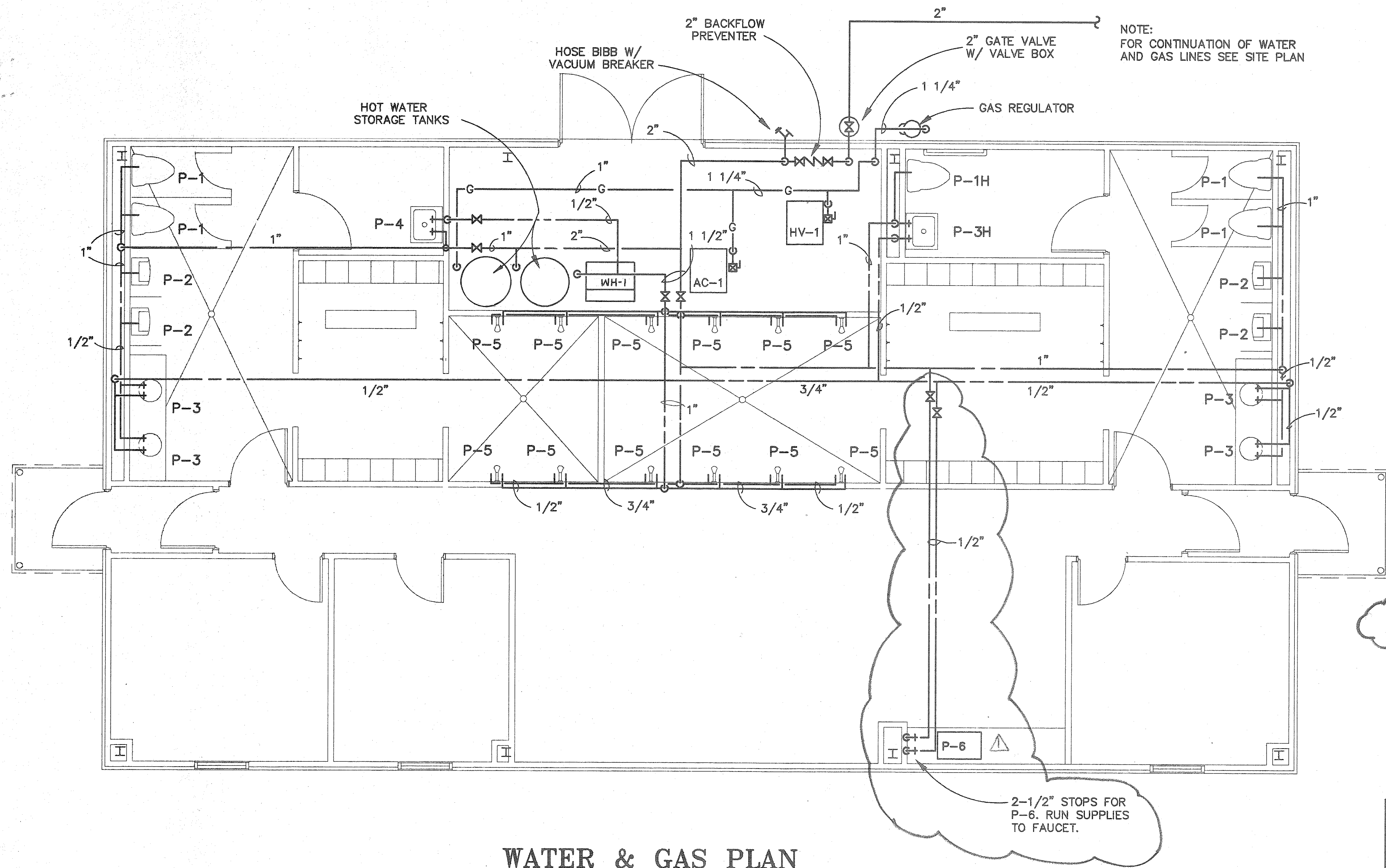
3809 MOFFETT ROAD MOBILE, AL 36618 205-342-1070



SHEET NUMBER

P1

REFERENCE ONLY



WATER & GAS PLAN

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

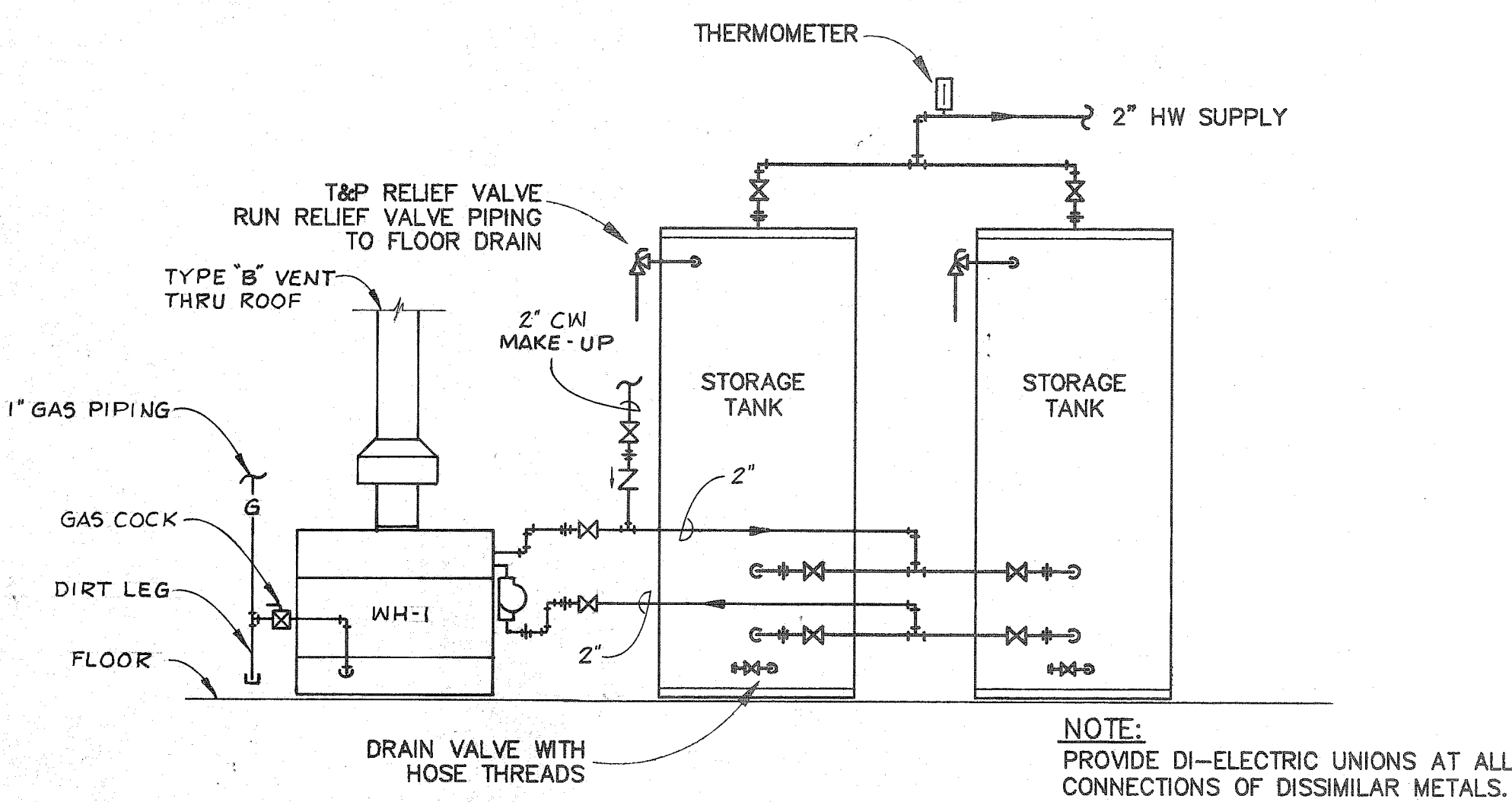
MARK	FIXTURE	CONN.			MANUFAC. & MODEL	DESCRIPTION
		W	CW	HW		
P-1	WATER CLOSET	4"	1"	-	AM. STAND. 2221.018	FLOOR MOUNTED, BOTTOM OUTLET WITH SLOAN ROYAL 110 FLUSH VALVE AND BENEKE NO. 527 WHITE OPEN FRONT SEAT
P-1H	WATER CLOSET (HANDICAP)	4"	1"	-	AM. STAND. 9468.018	SAME AS P-1 BUT FOR HANDICAPPED USE.
P-2	URINAL	2"	1"	-	AM. STAND. 6531.019	WALL HUNG, VITREOUS CHINA, BLOWOUT ACTION WITH SLOAN ROYAL 180 FLUSH VALVE AND ZURN MODEL ZR-1222 URINAL SUPPORT
P-3	LAVATORY	1 1/4"	1/2"	1/2"	AM. STAND. 0491.019	DROP-IN VITREOUS CHINA WITH 2385.078 FAUCET AND 2411.015 GRID STRAINER, 17 GA. CAST BRASS P-TRAP, SUPPLIES WITH STOPS
P-3H	LAVATORY	1 1/4"	1/2"	1/2"	AM. STAND. 0355.012	WALL HUNG VITREOUS CHINA WITH 7516.72 FAUCET, 2411.015 GRID STRAINER, 17 GA. CAST BRASS P-TRAP, SUPPLIES WITH STOPS, AND CONCEALED ARM CARRIER
P-4	MOP SINK	3"	1/2"	1/2"	AM. STAND. 7695.018	ENAMELED CAST IRON WITH WALL HANGER AND RIM GUARD, 8340.242 FAUCET AND 7798.176 TRAP STANDARD
P-5	SHOWER VALVE	-	1/2"	1/2"	POWERS P-413CK1	3 PORT PRESSURE BALANCED VALVE WITH LEVER HANDLE, CHECKSTOPS, SHOWER HEAD, ARM AND FLANGE
P-6	KITCHEN SINK	1 1/2"	1/2"	1/2"	ELKAY LR-2918	2 COMPARTMENT, 4 HOLE, WITH LK 4300-F FAUCET W/ SPRAY, LK 335 STRAINERS, 17 GA CAST BRASS P-TRAP, SUPPLIES & STOPS

NOTE: ALL FIXTURES SHALL BE WHITE.

GAS WATER HEATER SCHEDULE						
MARK	TYPE	GAS INPUT BTU/HR	GPH @ 100° RISE	FLUE SIZE	MANUFAC.	REMARKS
WH-1	NATURAL DRAFT	270,000	268	7"	LOCHINVAR: RWN270PM-F1	PROVIDE 2-200 GAL. GLASS LINED TANKS LOCHINVAR MODEL LTYA5G0200-RJ

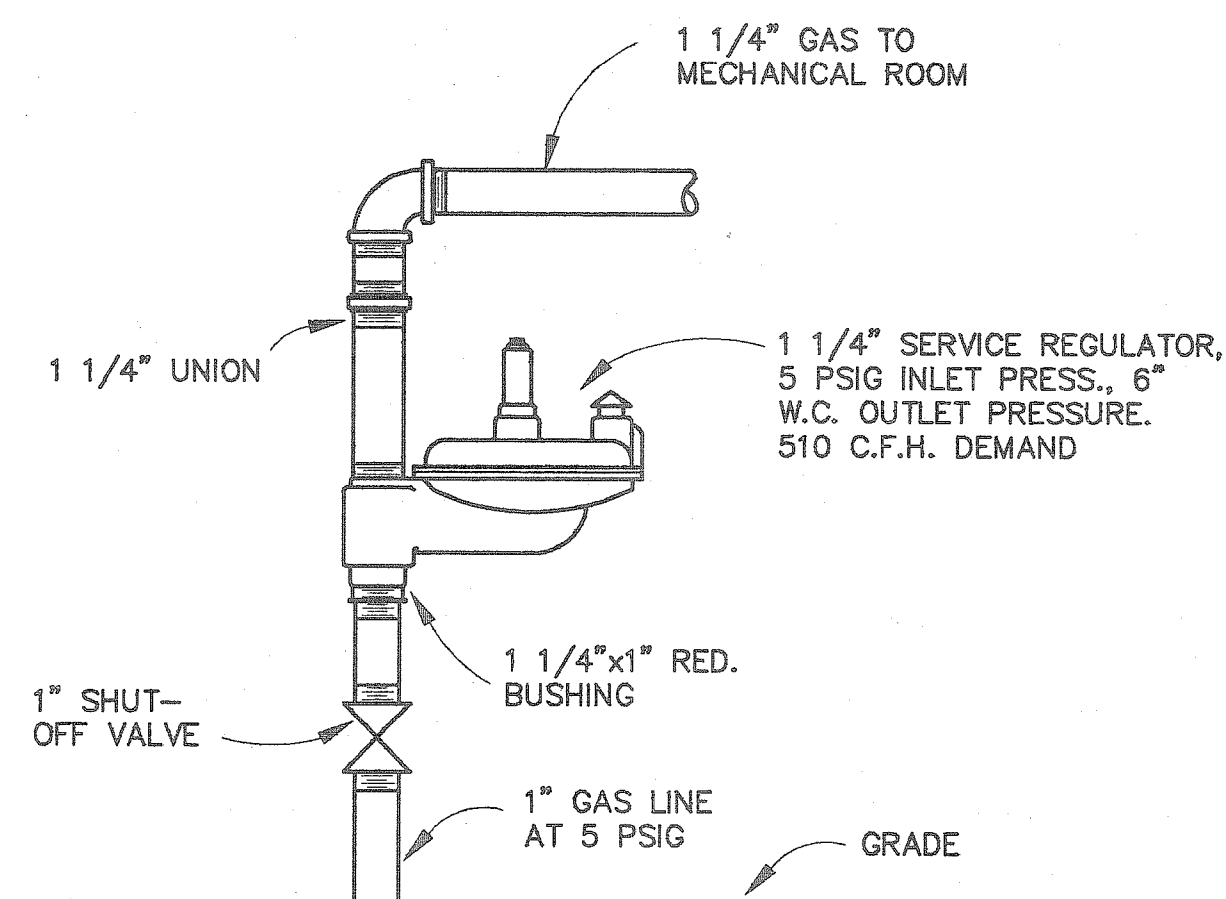
NOTES:

1. HEATER TO HAVE PRE-MOUNTED AND PRE-WIRED PUMP
2. HEATER TO HAVE 150 PSI ASME T&P RELIEF VALVE



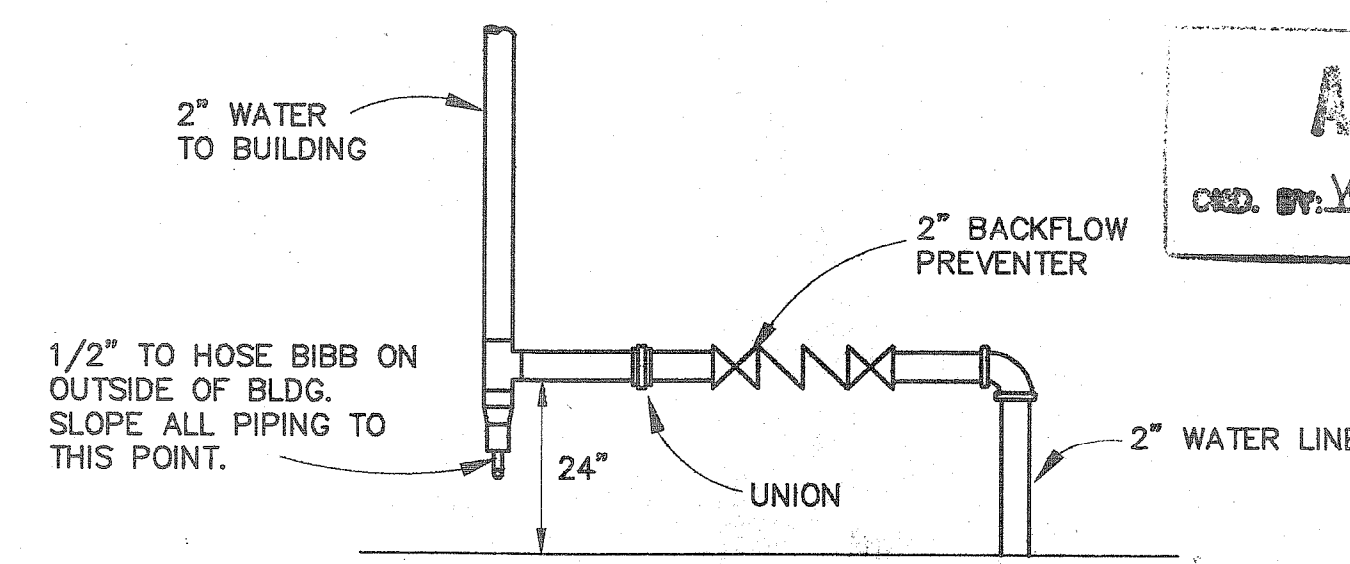
WATER HEATER PIPING DIAGRAM

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



GAS REGULATOR

NOT TO SCALE



WATER LINE AT MECHANICAL ROOM

NOT TO SCALE

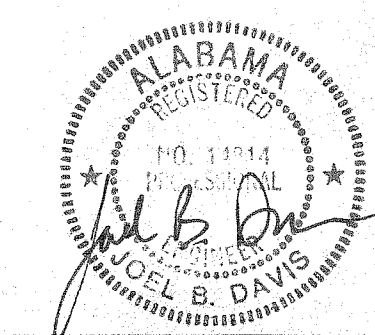
AS BUILT WRB
 1/13/92

OFFICE - WASHROOM BUILDING PARKING SHED
 McDUFFIE TERMINAL

DAVID VOLKERT & ASSOCIATES, INC.

ENGINEERS ARCHITECTS PLANNERS

3809 MOFFETT ROAD MOBILE, AL 36618 205-342-1070



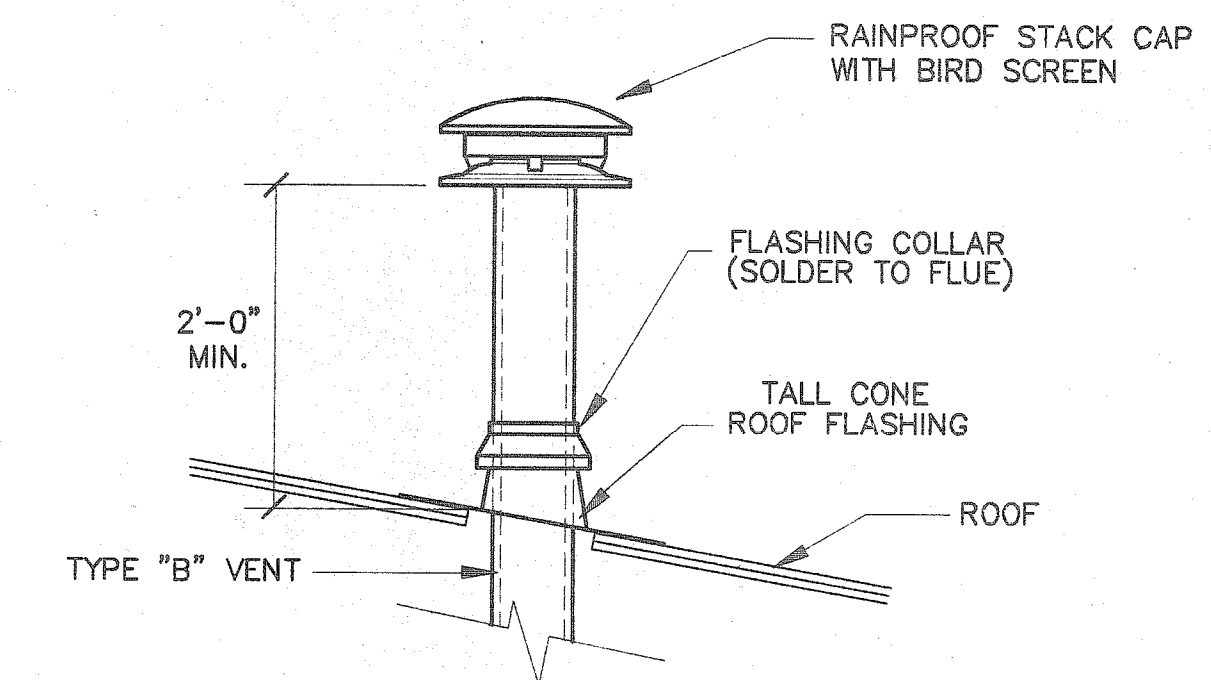
SHEET NUMBER

P2

2 OF 2

AIR CONDITIONING UNIT SCHEDULE																							
MARK	AREA SERVED	INDOOR SECTION						OUTDOOR SECTION			COOLING DATA					HEATING DATA			BASIS OF DESIGN		REMARKS		
		TOTAL AIR CFM	OUTSIDE AIR CFM	EXT. S.P.	APPROX. FAN H.P.	MAX. FACE VEL.	FILTER TYPE THK.	ELECTRICAL V/φ/HZ	COMP. QTY.	COND. FAN QTY./HP	ELECTRICAL V/φ/HZ	TOTAL COOLING CAPACITY BTUH	SENSIBLE COOLING CAPACITY BTUH	ENT. AIR DRY BULB	AIR WET BULB	MIN. SEER ARI CONDITIONS	TYPE	CAPACITY MBH	MIN. NO. OF STAGES	INDOOR		OUTDOOR	
AC-1	OFFICES/ LOCKER RMS	1650	250	0.7	3/4	500	T-WAY	1"	120/1/60	1	1/5	208/1/60	44000	30800	80	67	9.0	NAT. GAS	120	1	TRANE TUP120A960A	TRANE TTD742B100A	NATURAL DRAFT FURNACE WITH DX COOLING COIL
HV-1	SHOWERS	1650	1650	0.6	3/4	500	T-WAY	1"	120/1/60	-	-	-	-	-	-	-	NAT. GAS	120	1	TRANE TUP120A960A	-	NATURAL DRAFT FURNACE	

NOTES: 1. REFRIGERANT PIPING SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATION
 2. PROVIDE 4" THICK CONCRETE PAD FOR AC-1 OUTDOOR CONDENSING UNIT
 3. ALL CAPACITIES SHOWN ARE BASED ON 95° AMBIENT AIR
 4. PROVIDE 4" THICK CONCRETE PADS FOR AC-1 AND HV-1 INDOOR UNITS



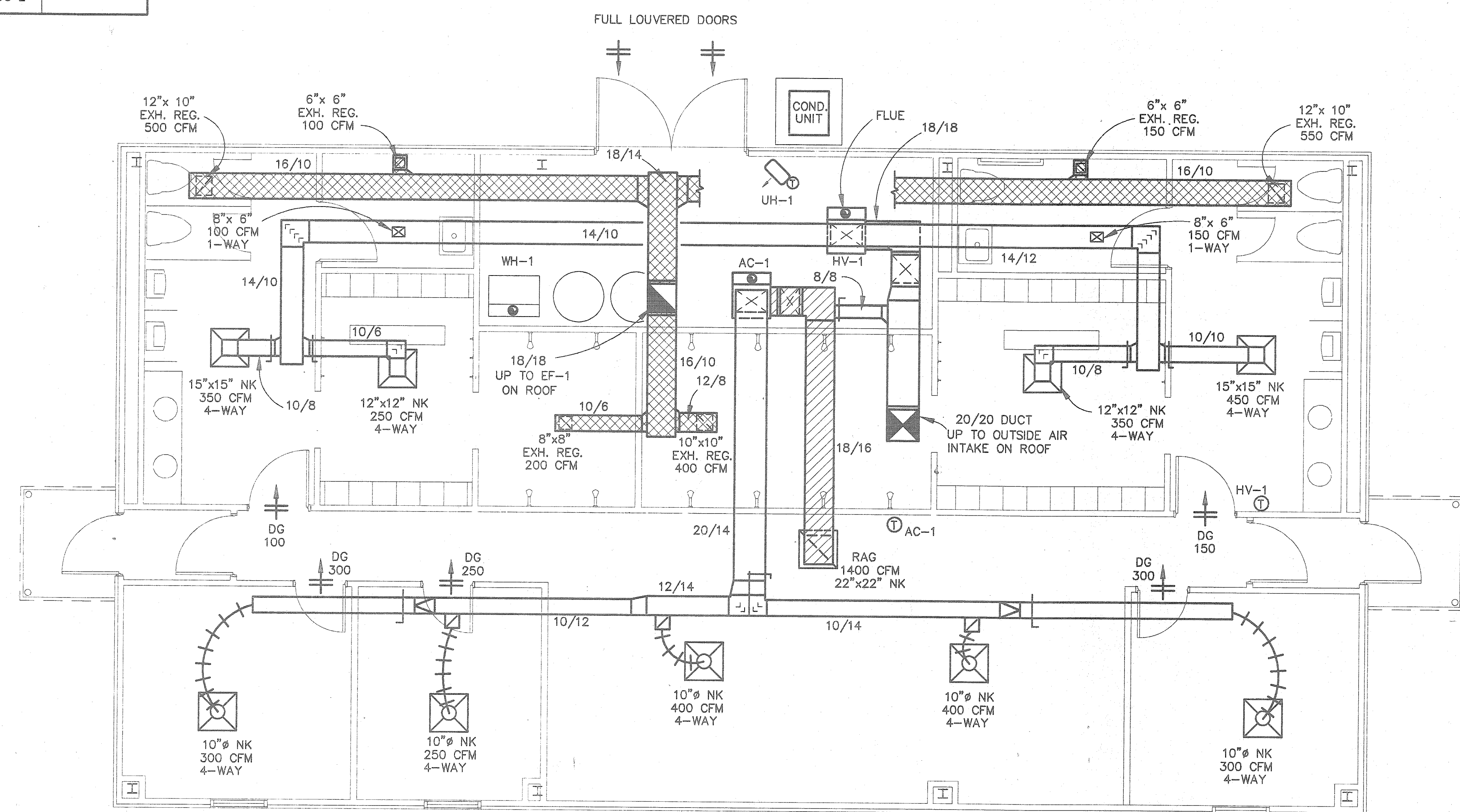
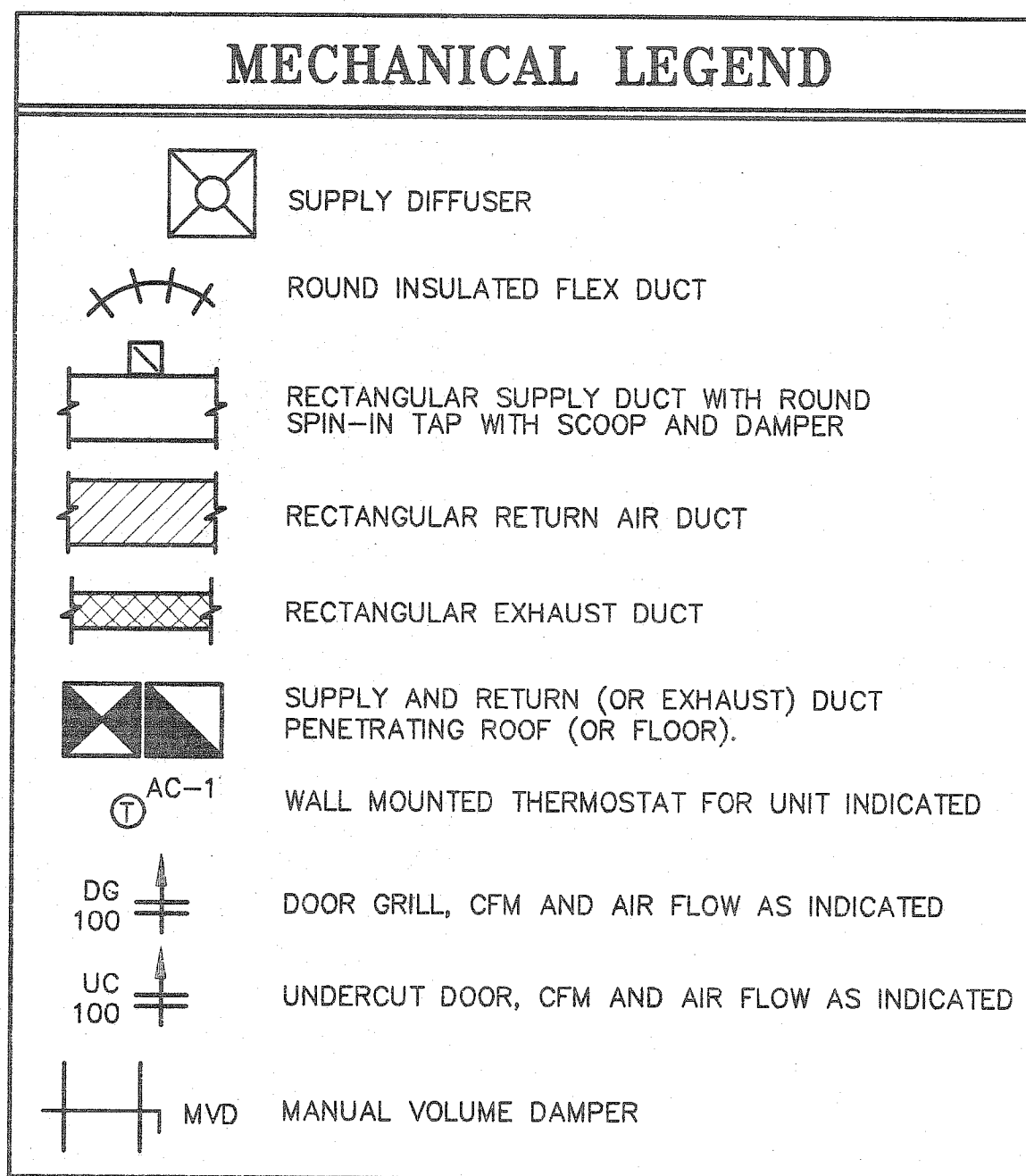
TYPICAL GAS FLUE DETAIL
N.T.S.

FAN SCHEDULE										
MARK	AREA SERVED	TIP SPEED	CFM	T.S.P. IN WG	MAX SONES	MOTOR DATA HP RPM V/φ/HZ	CONTROLLED BY	BASIS OF DESIGN	REMARKS	
EF-1	SHOWER ROOM	4982	1900	0.5	-	1/4 1171 120/3/60	BREAKER AT PANEL	ACME PNN 163 E	-	

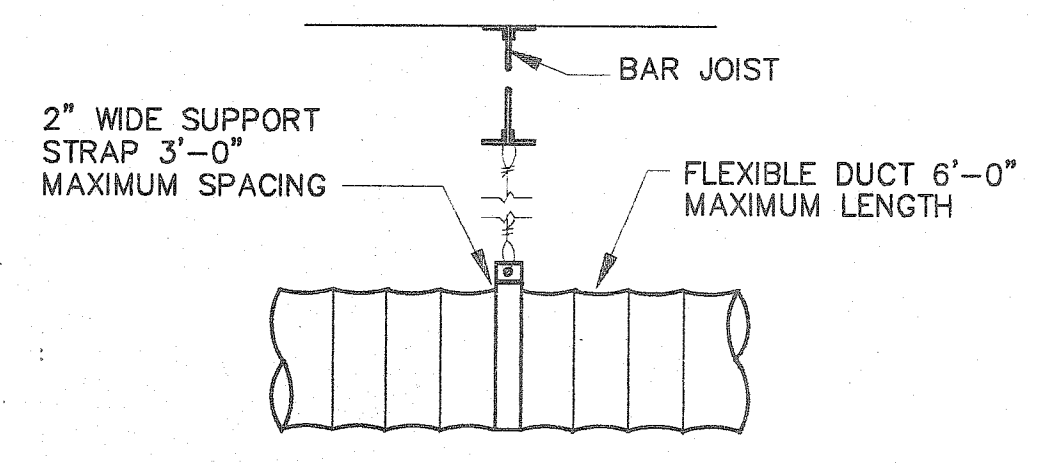
NOTE: 1. PROVIDE WITH CURB, BIRDSCREEN AND GRAVITY BACKDRAFT DAMPER

ELECTRIC UNIT HEATER SCHEDULE						
MARK	AIR QTY CFM	DISCHARGE DIRECTION	ELECTRICAL DATA KW V/φ/HZ	FAN DATA HP V/φ/HZ	BASIS OF DESIGN	REMARKS
UH-1	400	HORIZONTAL	3.3 208/1/60	1/125 208/1/60	TRANE UHEC-032A	-

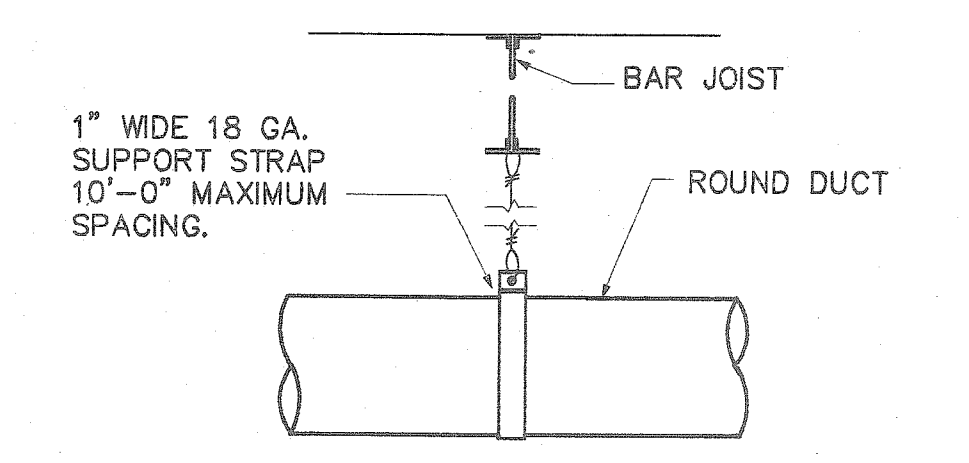
NOTE: 1. PROVIDE WITH UNIT MOUNTED LINE VOLTAGE THERMOSTAT AND WALL MOUNTING BRACKET



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



FLEX DUCT SUPPORT DETAIL
N.T.S.
REFERENCE ONLY



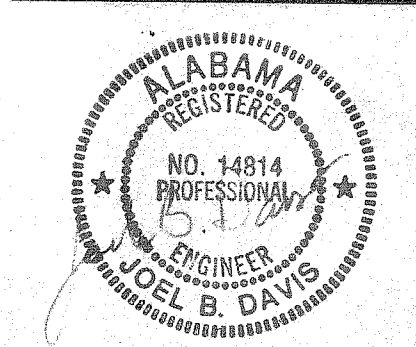
ROUND DUCT SUPPORT DETAIL
N.T.S.

AS BUILT
DATE: 6/3/92

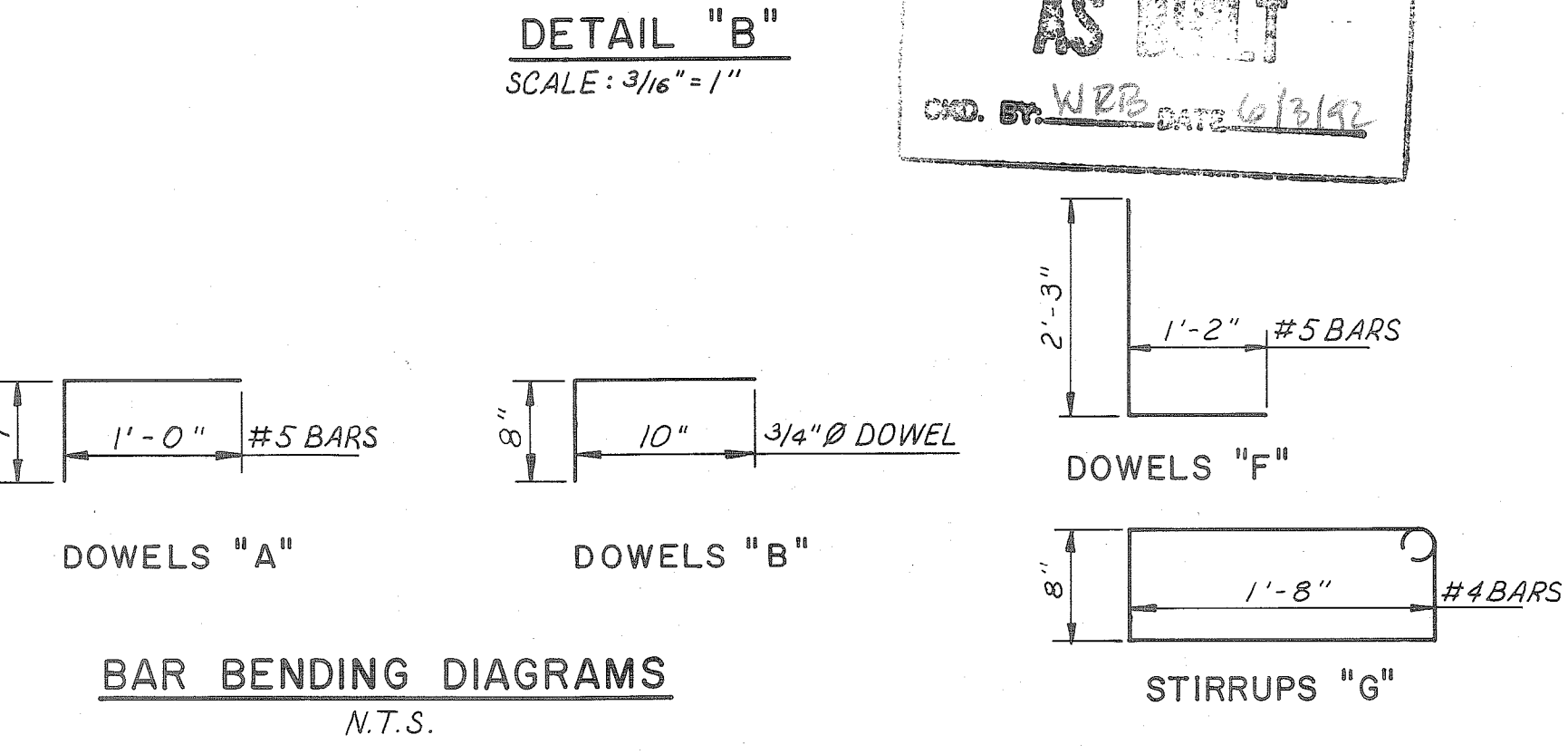
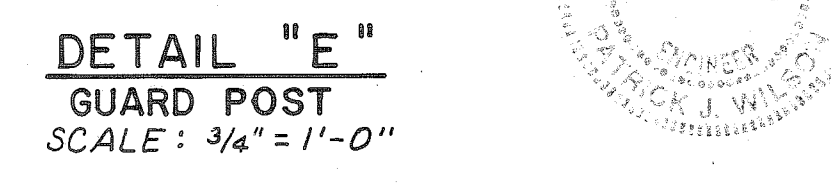
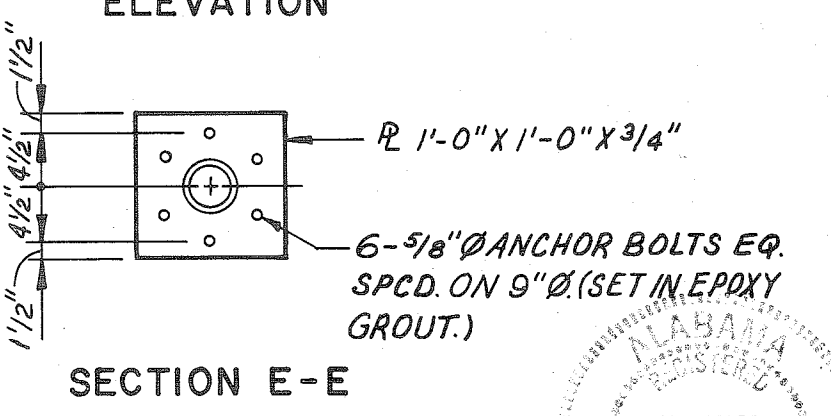
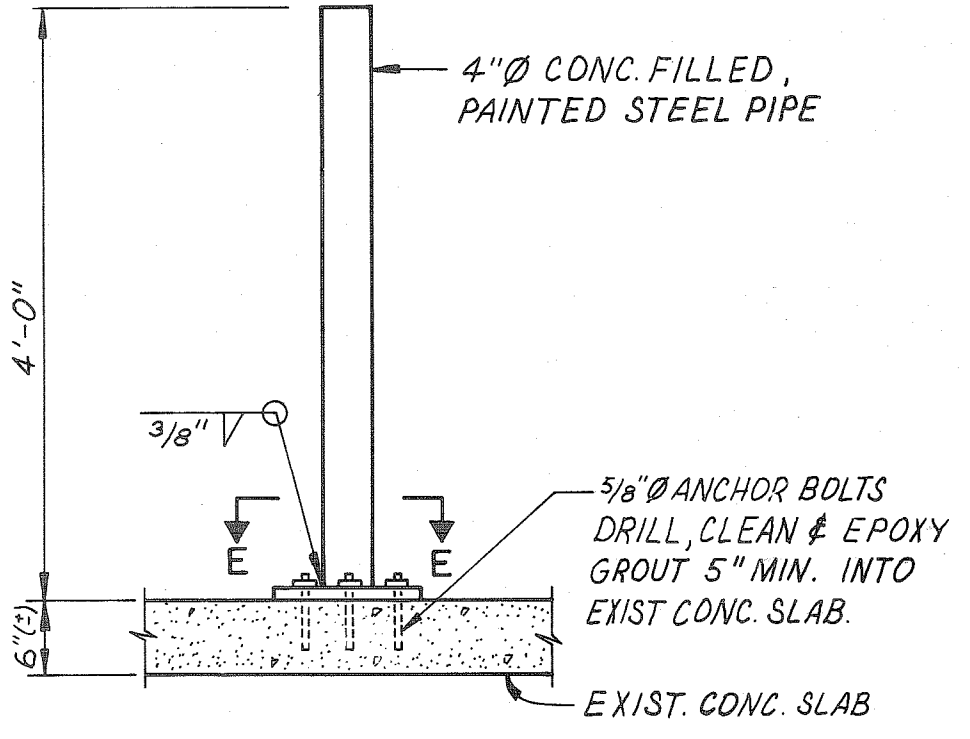
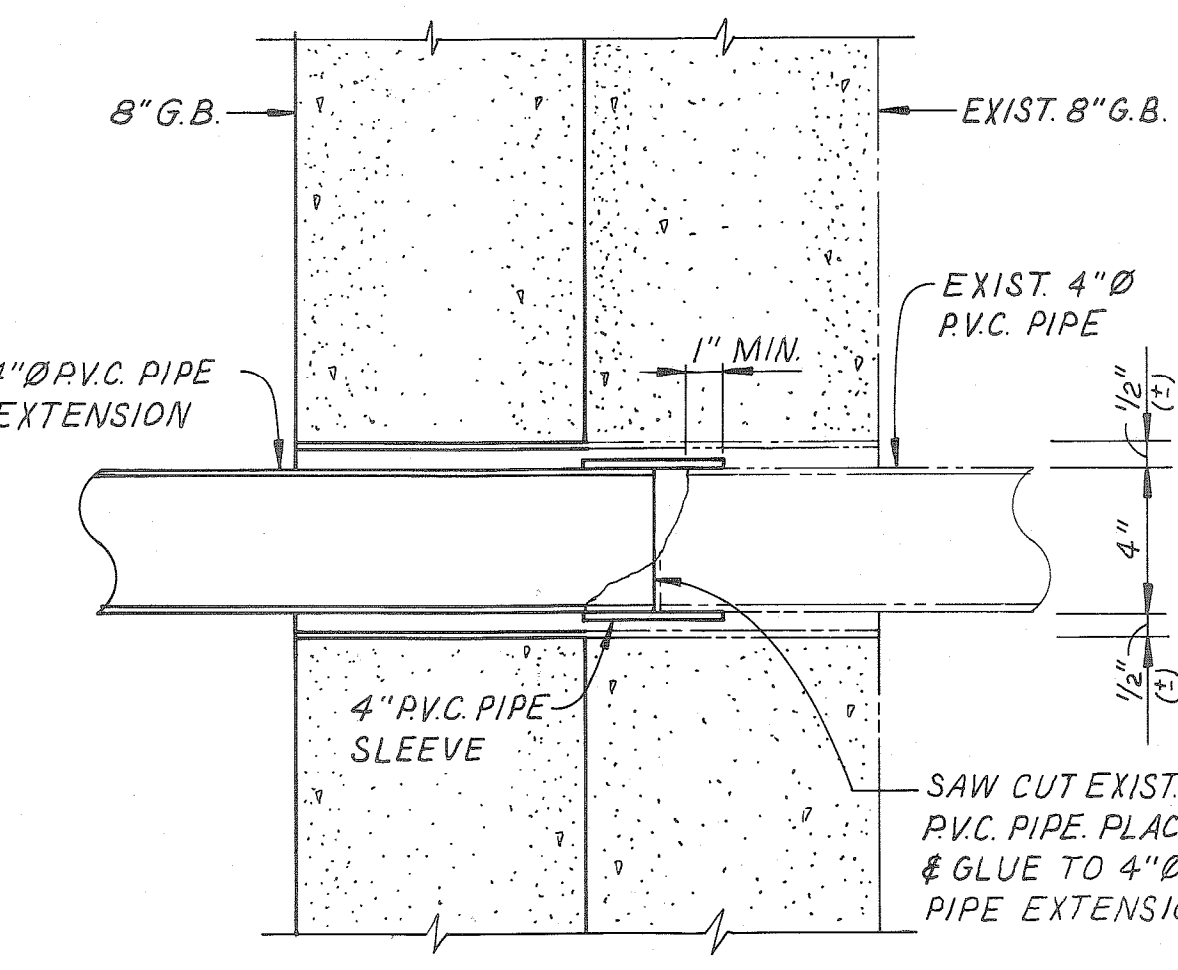
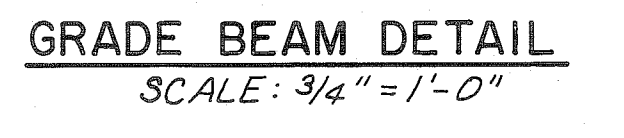
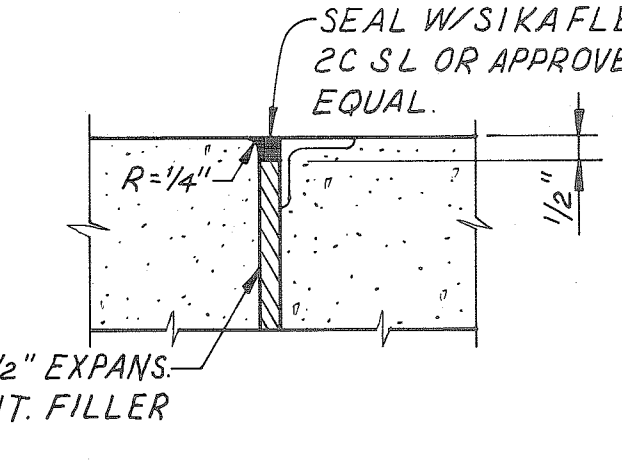
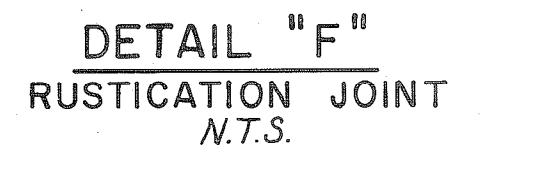
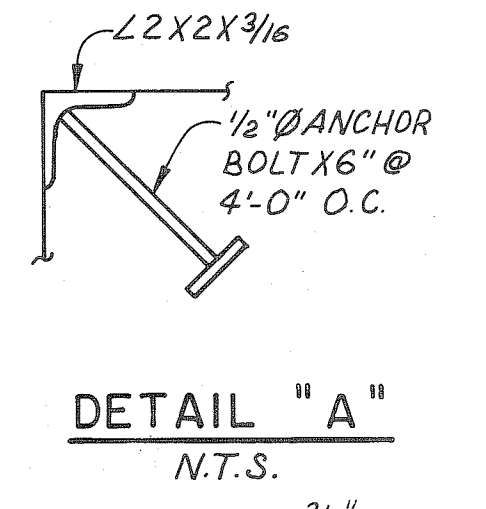
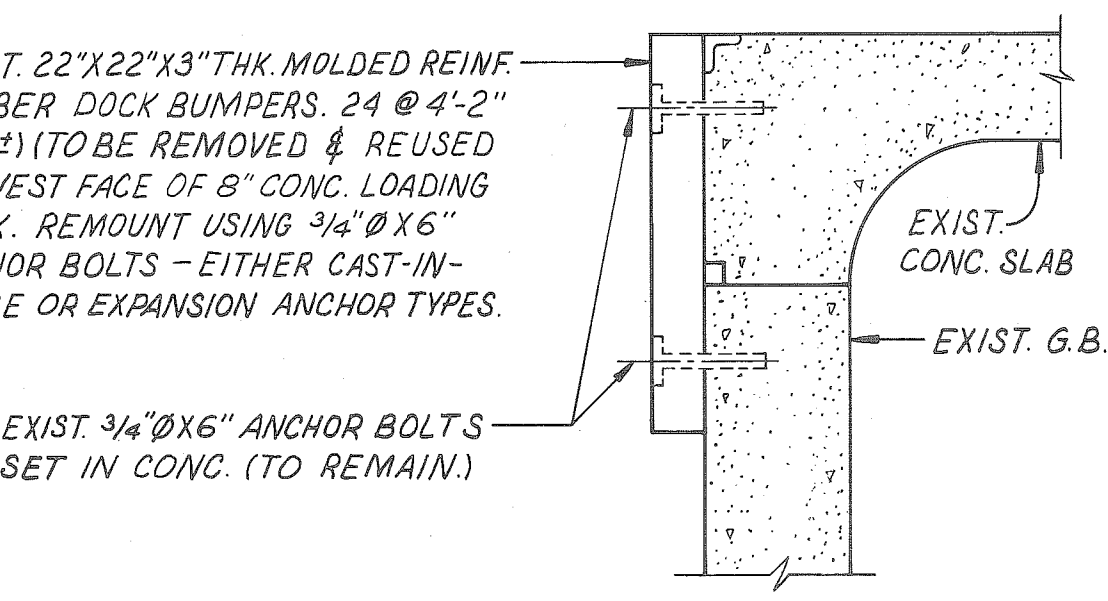
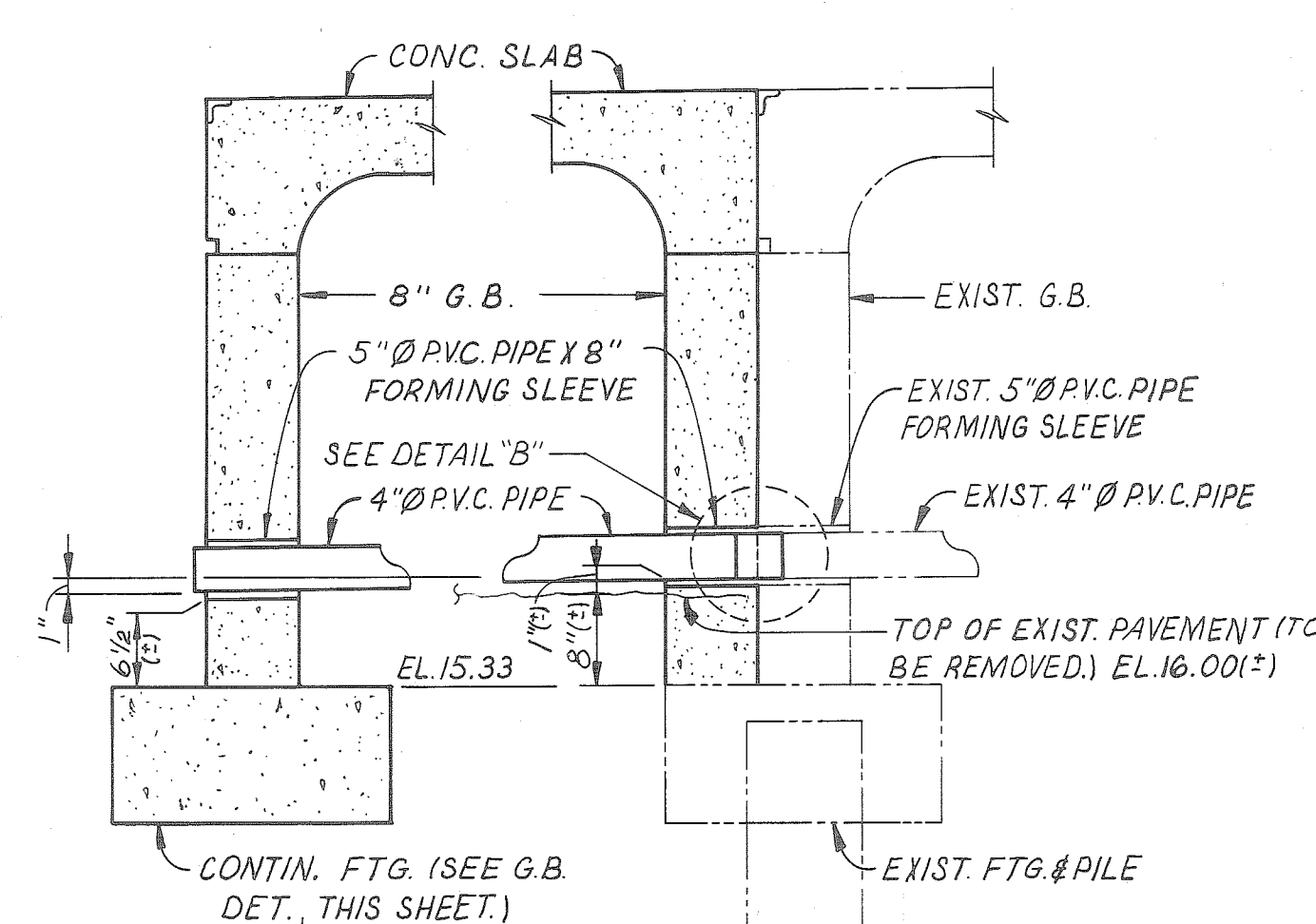
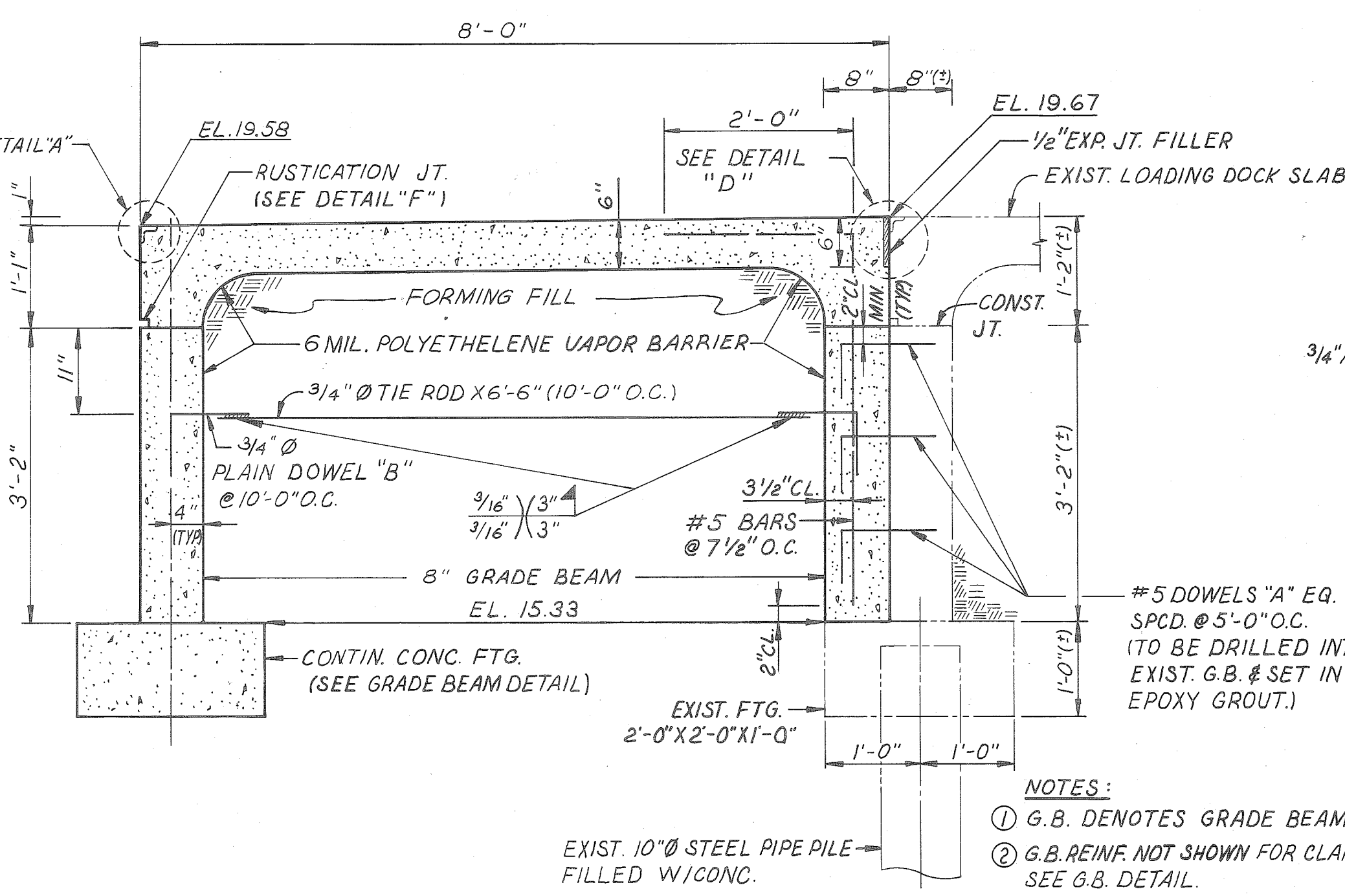
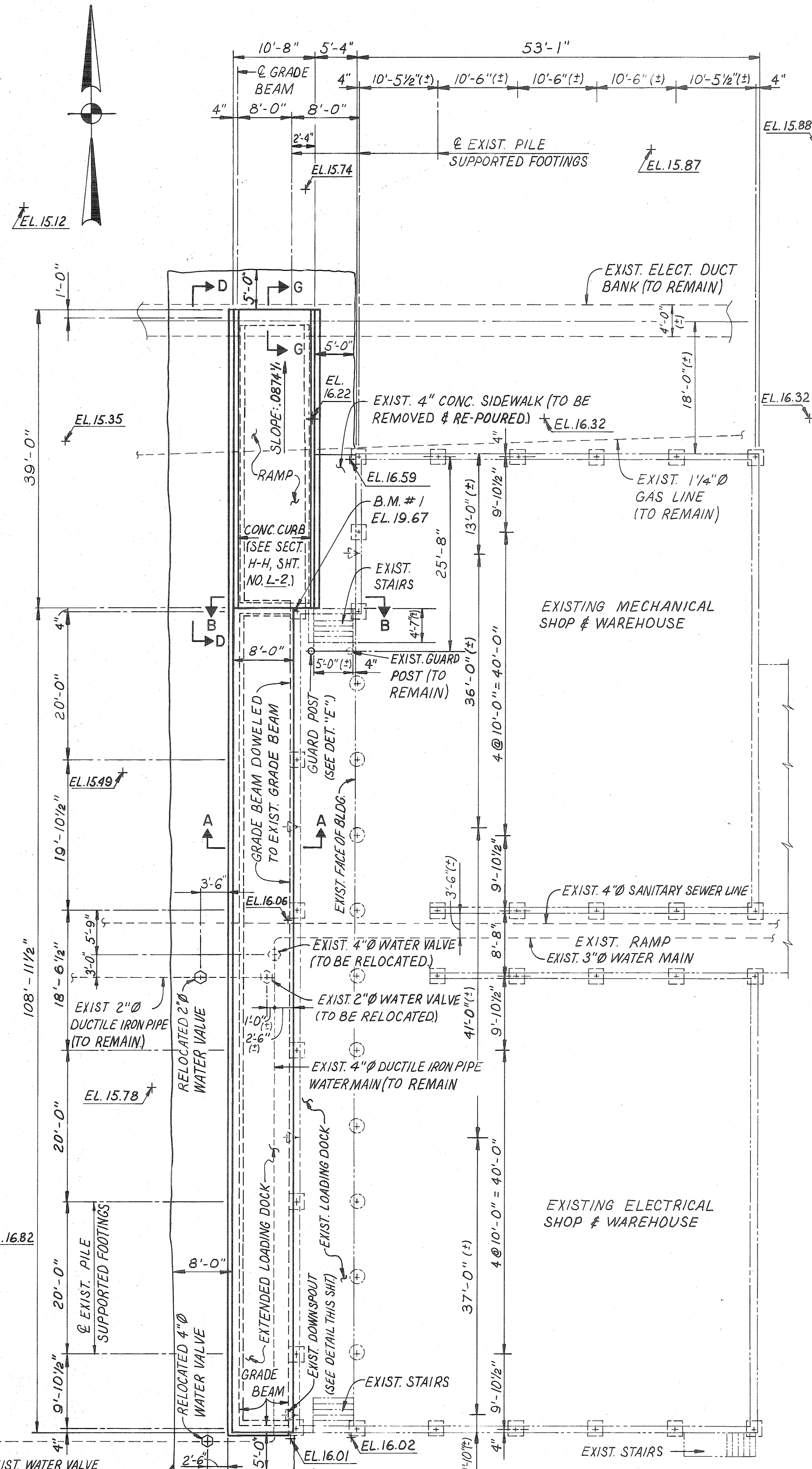
CDC ENGINEERS
1055 HILLOREST ROAD MOBILE, ALABAMA (205) 639-3431
31 EAST WRIGHT STREET PENSACOLA, FLORIDA (904) 469-0405

OFFICE - WASHROOM BUILDING PARKING SHED
McDUFFIE TERMINAL

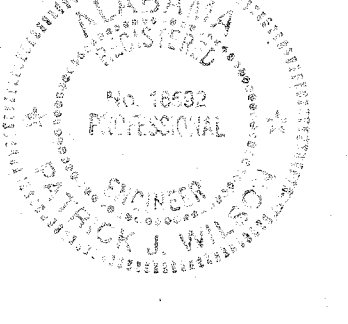
DAVID VOLKERT & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
3809 MOFFETT ROAD MOBILE, AL 36618 205-342-1070



SHEET NUMBER
M1
1 OF 1

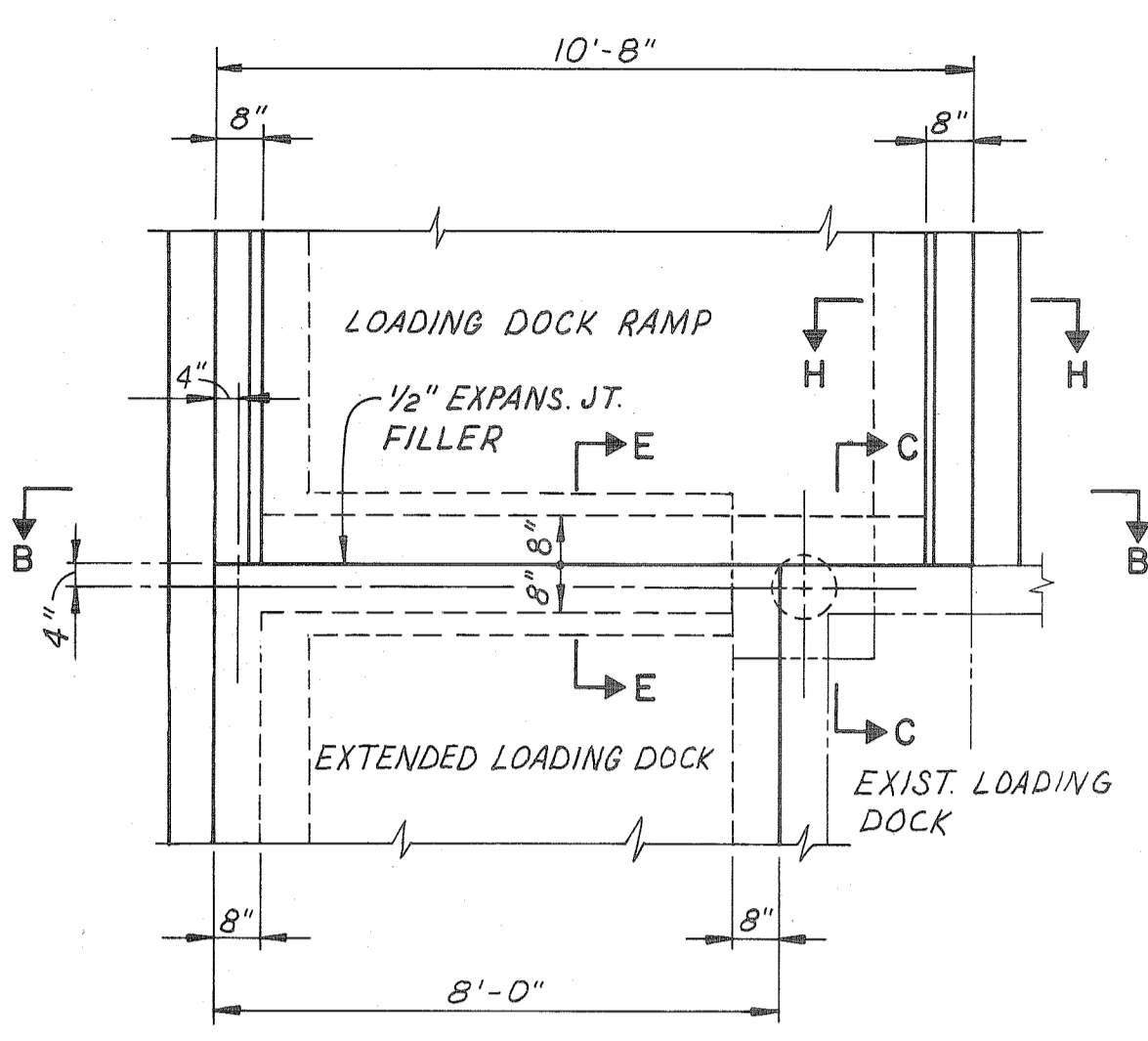
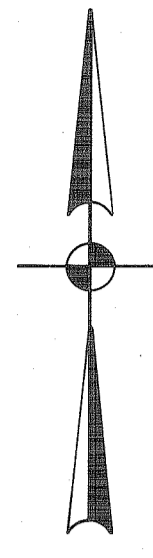


AS BUILT
CHD. BY: WRB DATE: 6/3/92

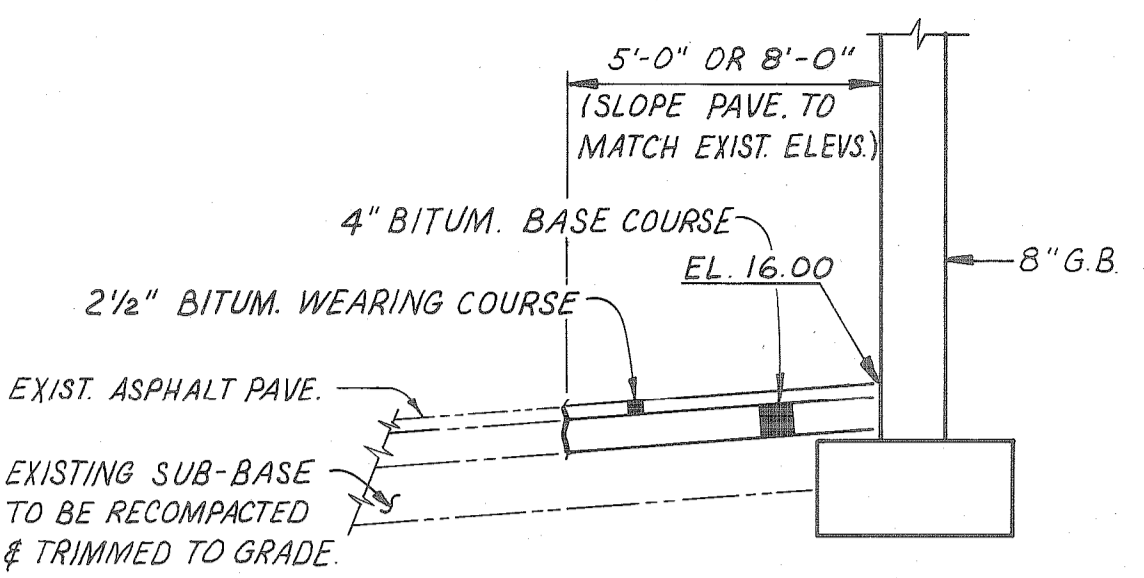


ALABAMA STATE DOCKS		
Mc DUFFIE TERMINALS		
ELECTRICAL SHOP AND WAREHOUSE LOADING DOCK EXTENSION		
FOUNDATION PLAN AND DETAILS		
DAVID VOLKERT & ASSOCIATES, INC. CONSULTING ENGINEERS		
DESIGNED CC-V	DETAILED J.C.	TRACED
CHECKED P.J.W.	CHECKED CC-V	CHECKED
DATE 7-23-91		

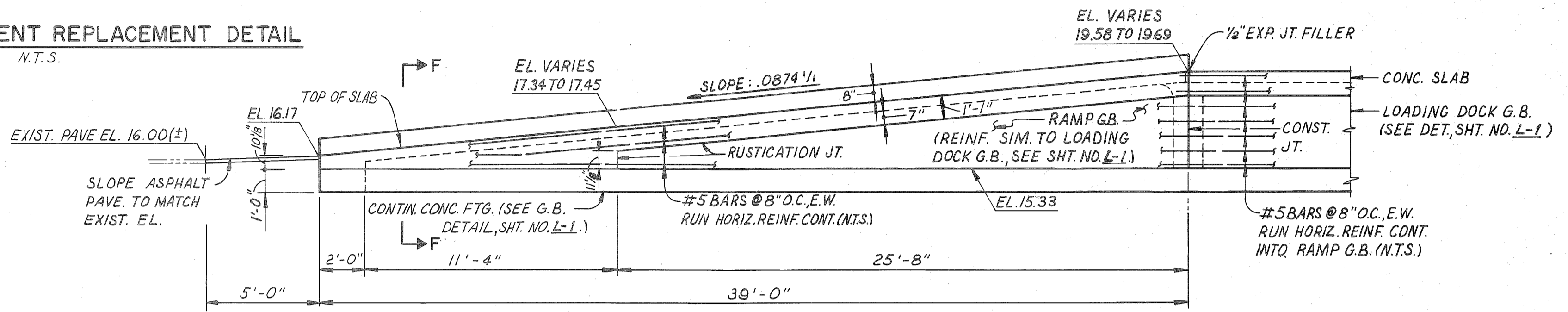
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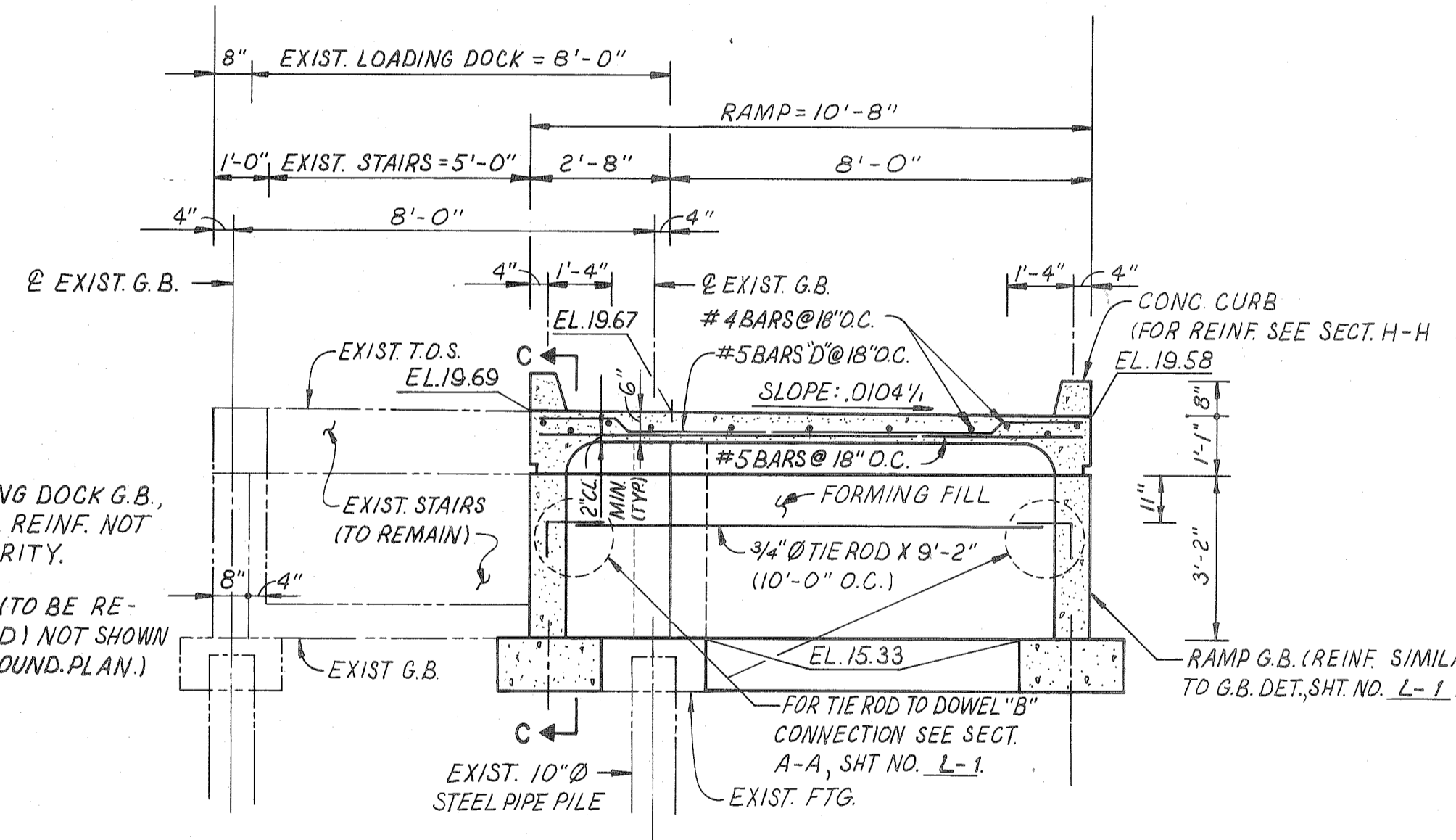
PLAN
LOADING DOCK AT RAMP
SCALE: 3/8" = 1'-0"



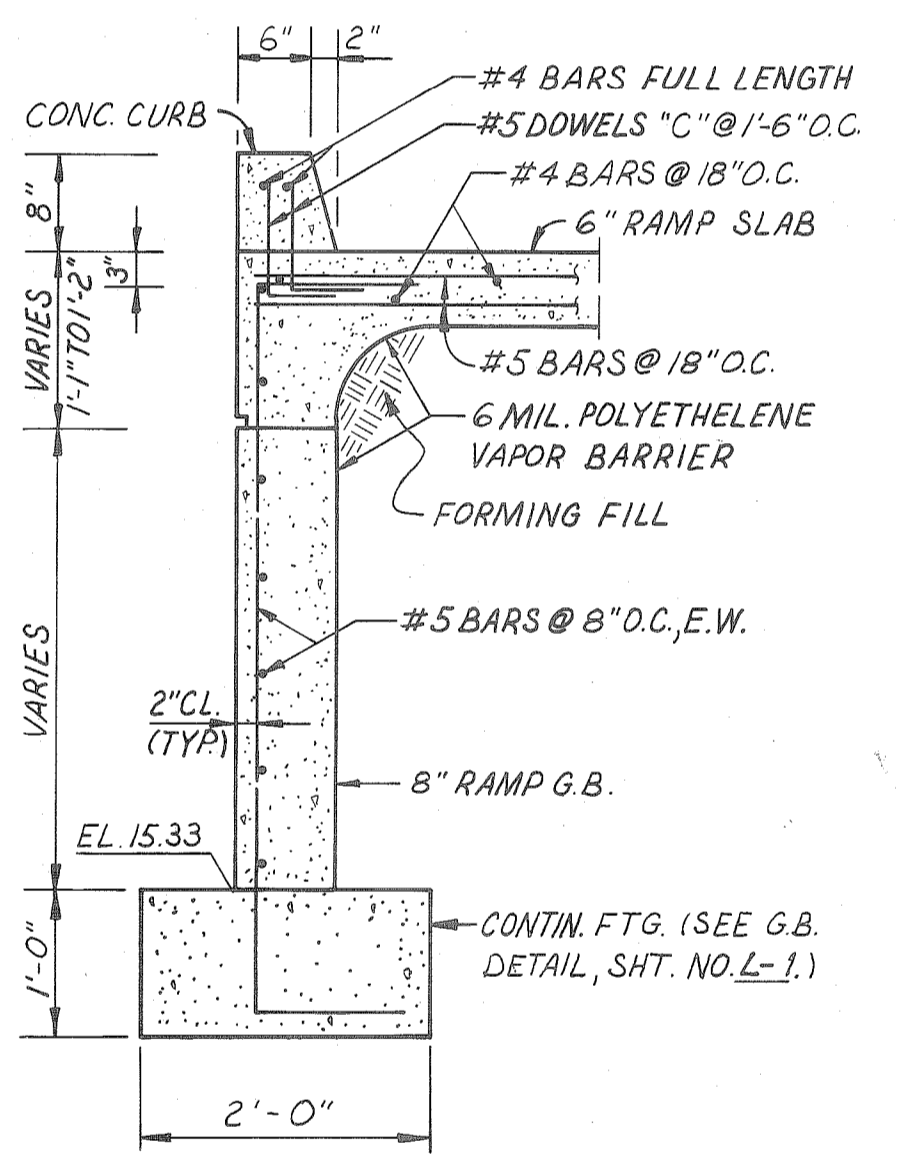
ASPHALT PAVEMENT REPLACEMENT DETAIL
N.T.S.



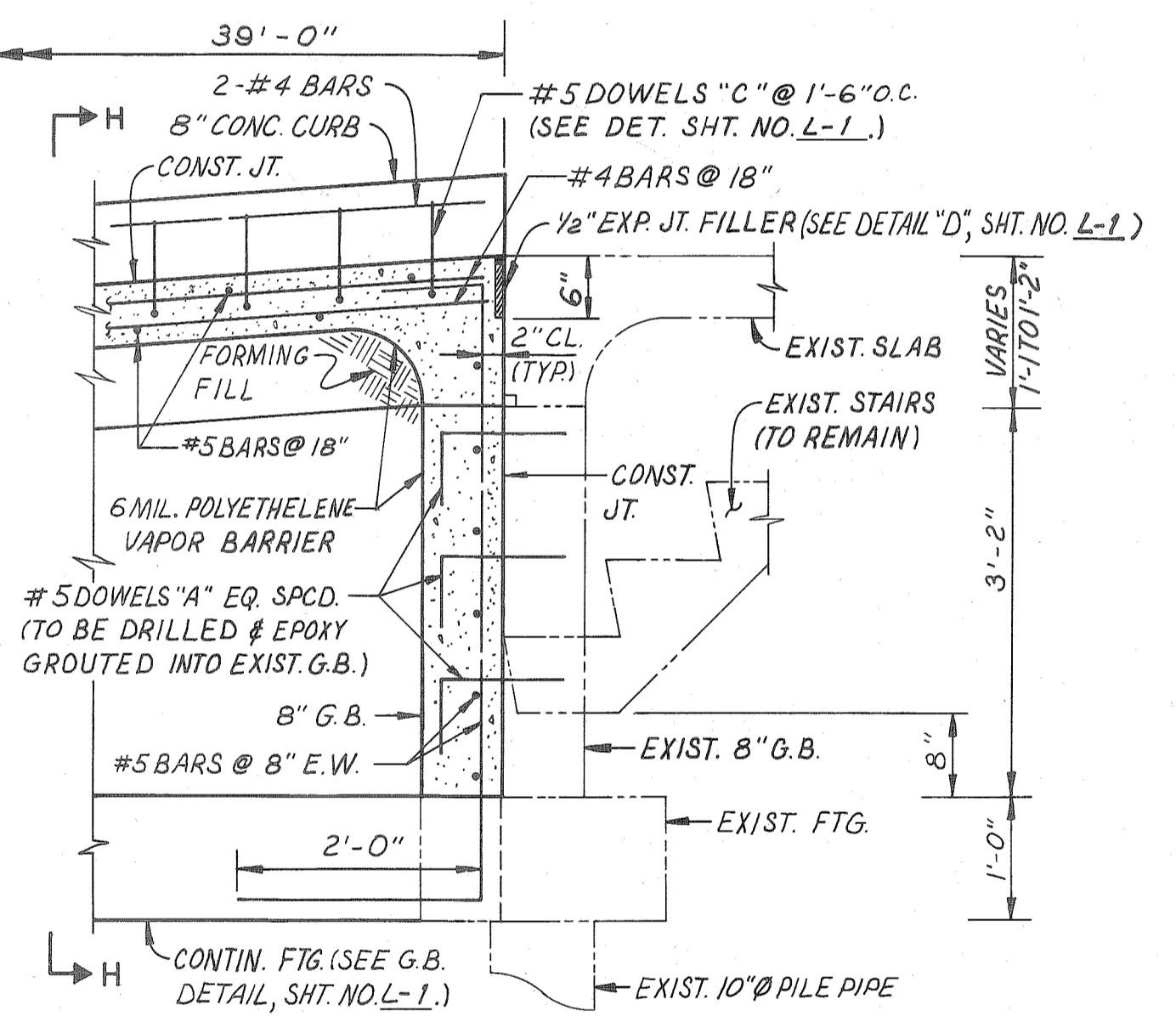
SECTION D-D
SCALE: 1/4" = 1'-0"



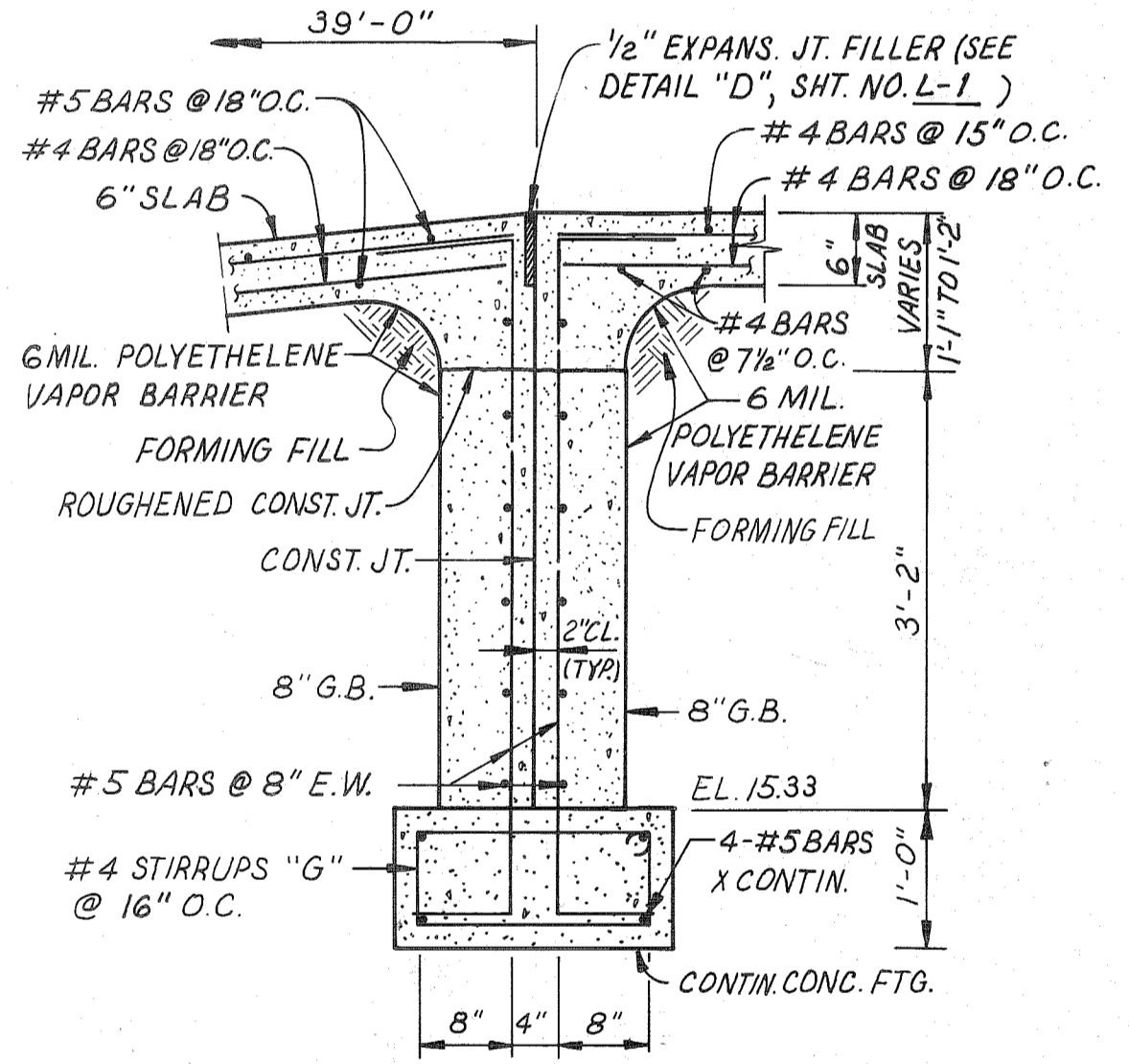
SECTION B-B
SCALE: 3/8" = 1'-0"



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

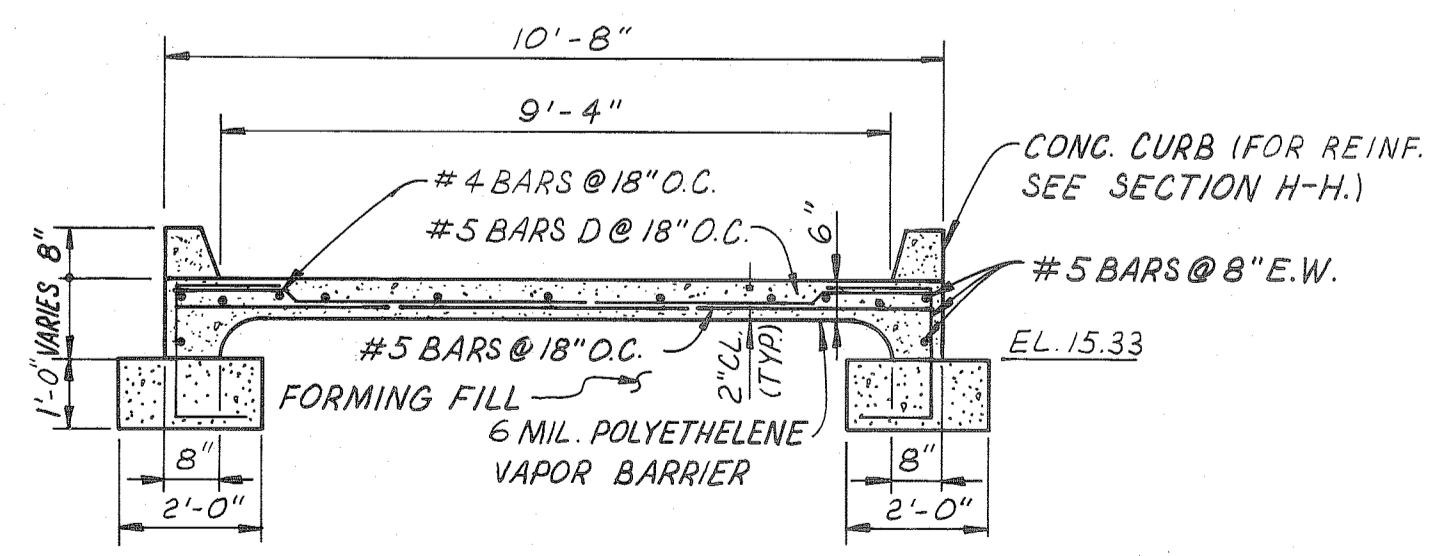


SECTION C-C
SCALE: 3/4" = 1'-0"

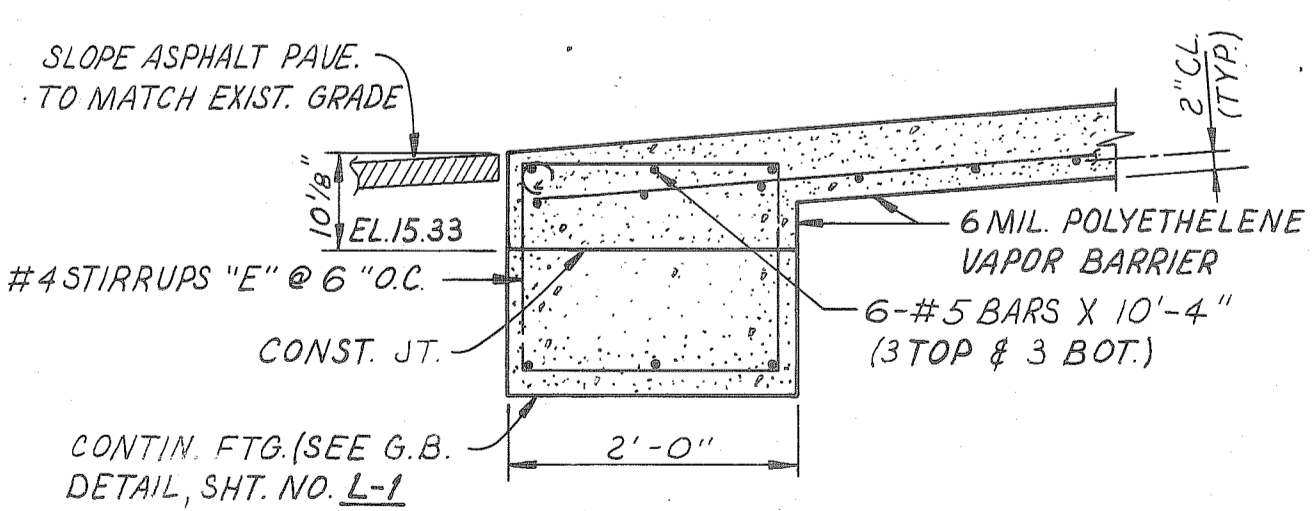


SECTION E-E
SCALE: 3/4" = 1'-0"

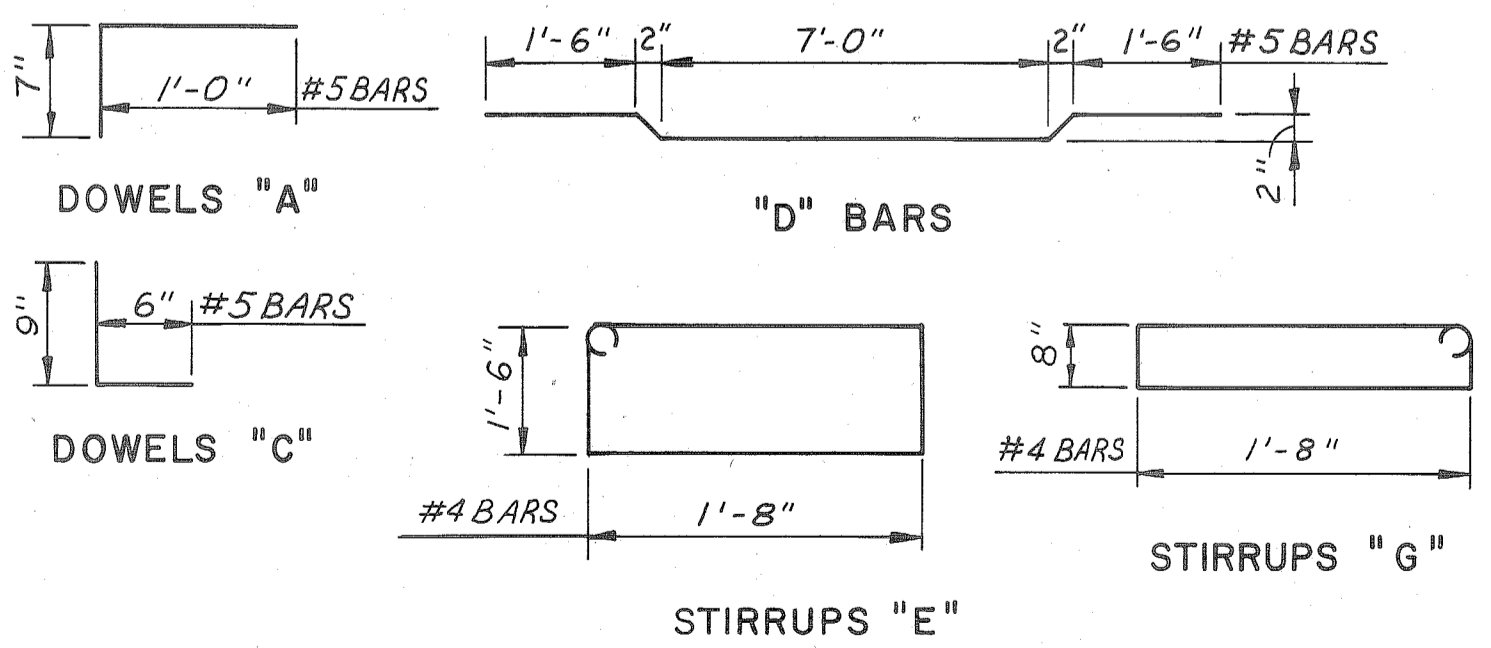
- NOTES:**
- EXIST. G.B., LOADING DOCK G.B., EXIST. FTG. & FTG. REINF. NOT SHOWN FOR CLARITY.
 - EXIST. SIDEWALK (TO BE REMOVED & RE-LAYED) NOT SHOWN FOR CLARITY. (SEE FOUND. PLAN.)



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



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



BAR BENDING DIAGRAMS
N.T.S.

AS BUILT
CHD. BY: WJB DATE: 6/13/02



ALABAMA STATE DOCKS		
Mc DUFFIE TERMINALS		
ELECTRICAL SHOP AND WAREHOUSE LOADING DOCK EXTENSION		
RAMP PLAN AND DETAILS		
DAVID VOLKERT & ASSOCIATES, INC. CONSULTING ENGINEERS		
DESIGNED: J.C.V.	DETAILED: J.C.	TRACED
CHECKED: P.J.W.	CHECKED: J.C.V.	CHECKED
REVISIONS		DATE: 7-23-01

REFERENCE ONLY