

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

LAYOUT EQUIPMENT SCHEDULE		
ITEM No.	EQUIPMENT TAG	
1	RC120G	CORRELATOR
2	RG-440 (84')	CONVEYOR
3	MENU STATION	BY OTHERS
4	IR110-2	PHOTO EYES
5	K-PRESOAK	PRE SOAK
6	RS1000 #1	TOP BRUSH (REVERSE)
7	CTA #1	TIRE CHEMICAL APPLICATOR
8	CTA #2	TIRE CHEMICAL APPLICATOR
9	SINGLE FOAM	SINGLE FOAM STREAMER
10	RS400	LOW SIDE WASHER
11	RW100	UNDERCHASSIS
12	RS301	VAN HIGH WASHER
13	RS701	WRAP AROUNDS
14	RS1000 #2	TOP BRUSH (FORWARD)
15	BUITTON BOX	ENTRY SYSTEM
16	TRIPLE FOAM	TRIPLE FOAM STREAMER
17		
18	RWH-4	4 HEAD HELIX ARCH (W/ ELIMINATORS)
19	RW112M #1	DRYING AGENT
20	RW112M #2	SPOT FREE RINSE
21		
22	NEON SIGNS (45)	(BY OTHERS)
23	DRYER PANEL	(BY OTHERS)
24	DRYER	100HP DRYER
25	DRB	TUNNEL CONTROLLER (BY OTHERS)
26	CHEMICAL PUMP AREA	(BY OTHERS)
27	M.C.C.	MOTOR CONTROL CENTER
28	DILUTION STATION (x7)	CHEM PUMP STA (CTAS, PRESOAK, TRI FOAM, SINGLE FOAM)
29	VFD (x4) (STACKED)	VARIABLE FREQUENCY DRIVE (DUAL)
30	PUMPING STATION (x2)	HIGH PRESSURE PUMP STN. (15HP x2)
31	AIR COMPRESSOR	(BY OTHERS)
32	H1	HELIX POWER PACK
33	WATER SOFTENER	(BY OTHERS)
34	G410-10	HYDRAULIC POWER PACK (10HP)
35	TL-1	EXIT TRAFFIC LIGHT
36	R/O SYSTEM	R/O FOR SPOT FREE RINSE
37	R/O STORAGE	#48" TANK

THIS DRAWING AND SPECIFICATIONS ARE OWNED AND CONTROLLED BY GUY PAYNE & ASSOCIATES ARCHITECTS AND SHALL NOT BE USED, COPIED, REPRODUCED, OR TRANSMITTED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. ANY UNAUTHORIZED USE OR DISSEMINATION OF THIS DRAWING OR SPECIFICATIONS SHALL BE SUBJECT TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.



GUY PAYNE & ASSOCIATES ARCHITECTS
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARK.

DATE	BY	REVISION

PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
A.1
DATE OF ORIGINAL ISSUE
12/3/00

THESE DRAWINGS AND SPECIFICATIONS ARE PREPARED BY THE ARCHITECT AND SHALL BE USED FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR DAMAGES TO ORIGINAL AND CIVIL PENALTIES AND DAMAGES.

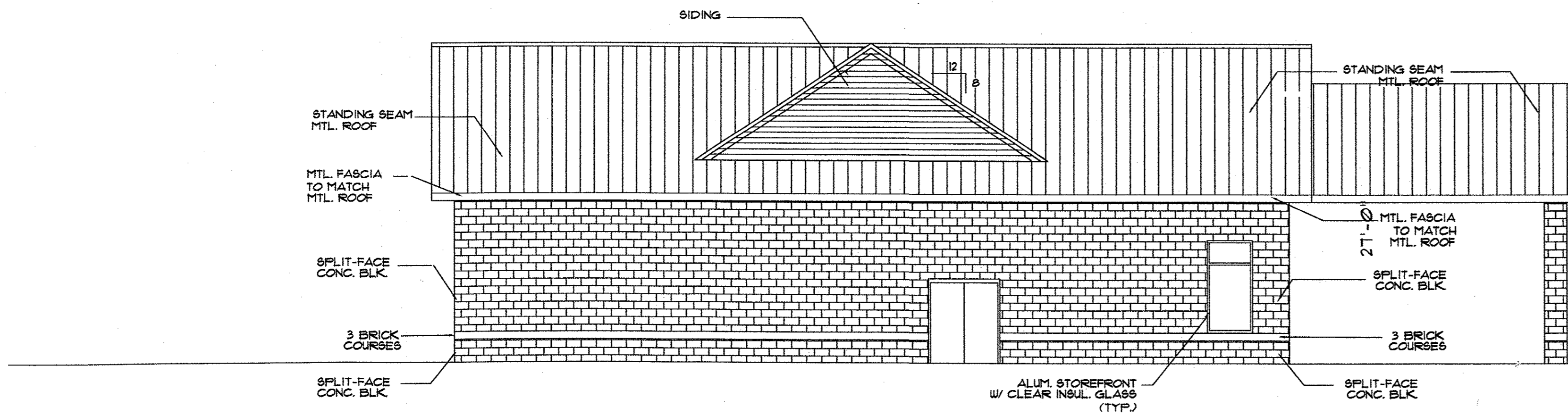
Philip P. Payne
12/15/10

GUY PAYNE & ASSOCIATES ARCHITECTS
879 WILLOW TREE CIRCLE, STE. 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

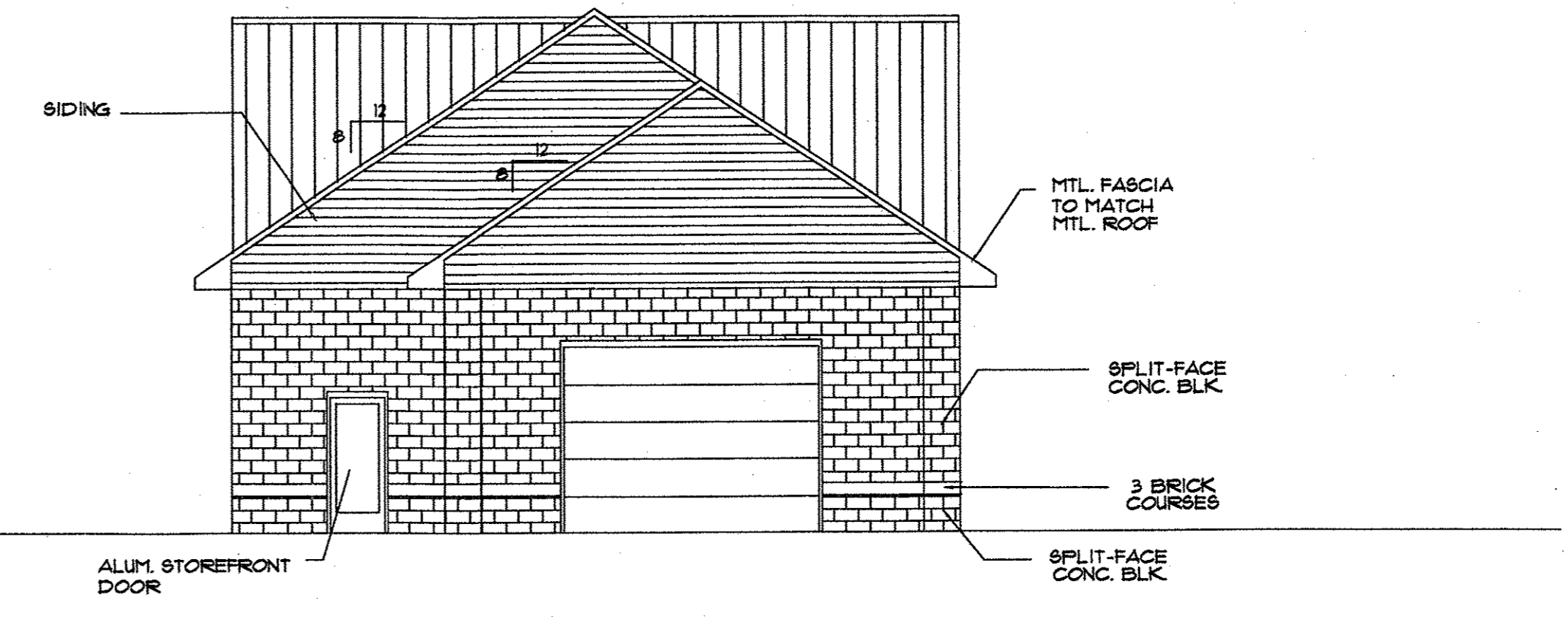
JONESBORO CARWASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	REVISION	DATE

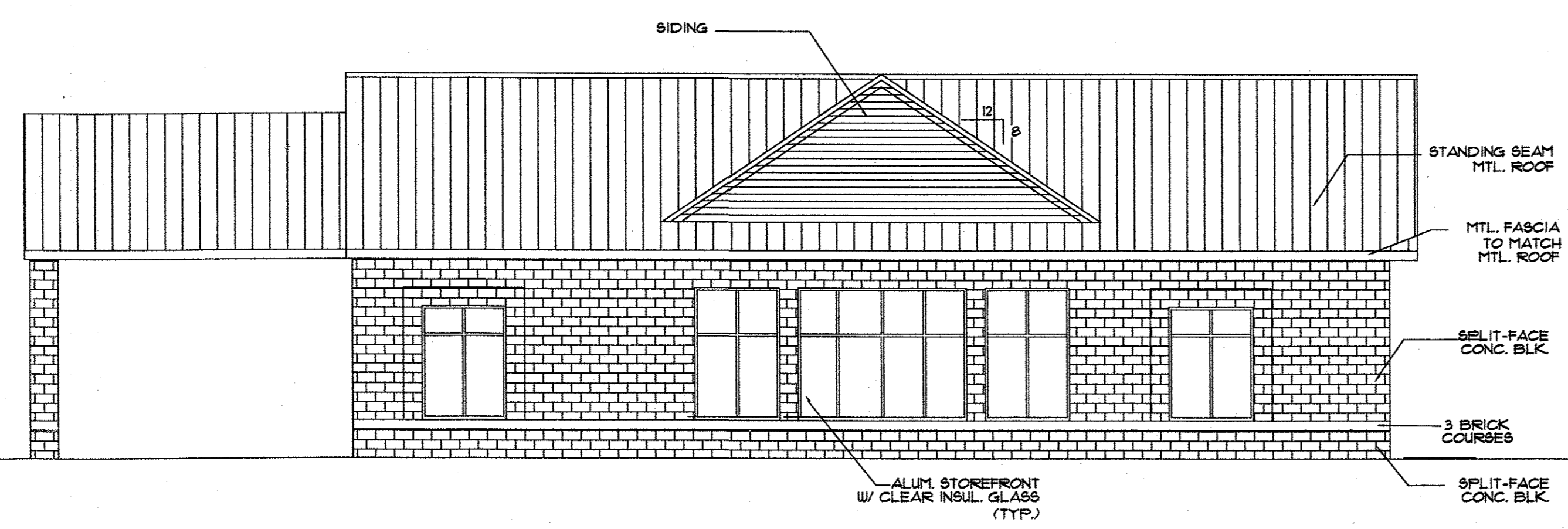
PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
A.2
DATE OF ORIGINAL ISSUE
11/26/10



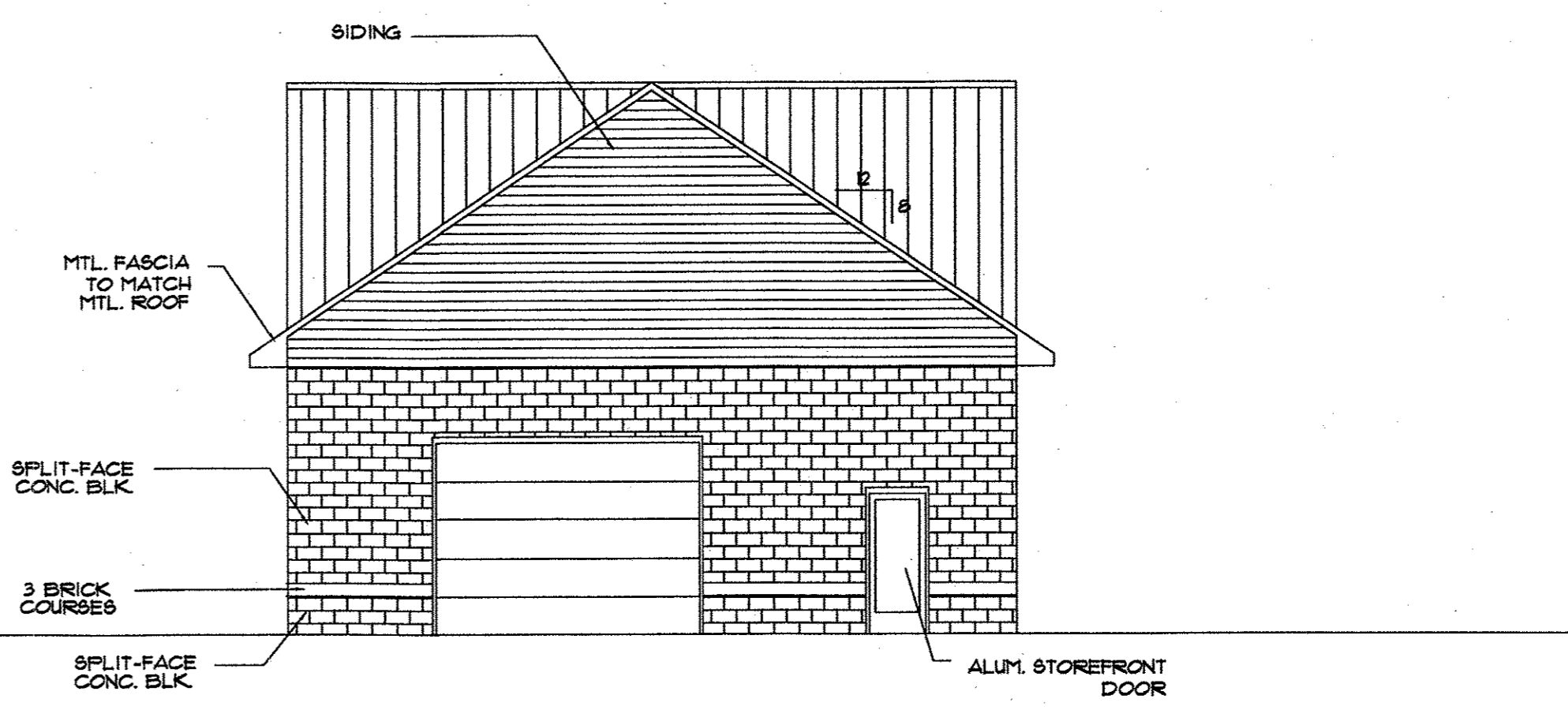
1 LEFT SIDE ELEVATION
1/8"=1'-0"



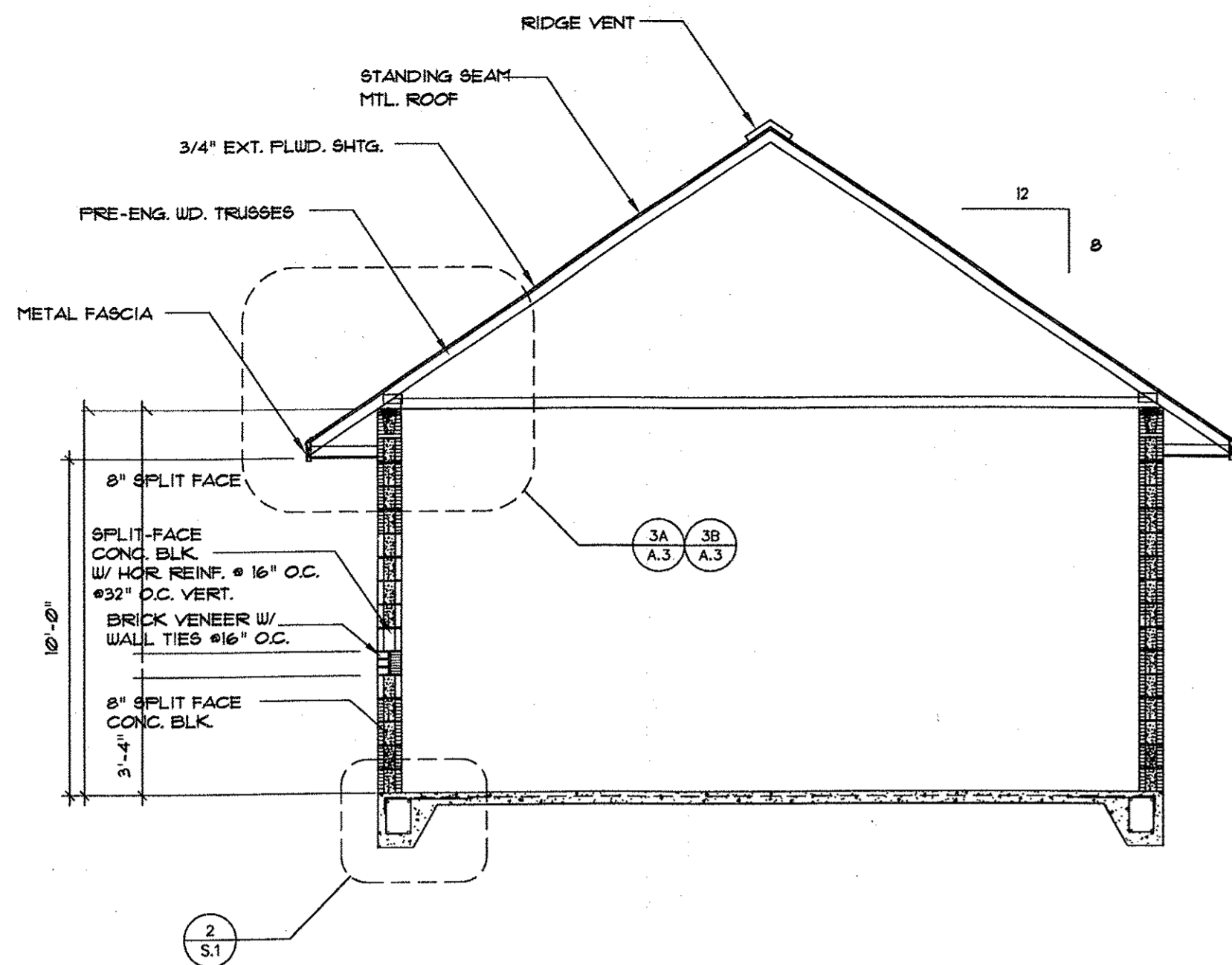
2 ENTRANCE ELEVATION
1/8"=1'-0"



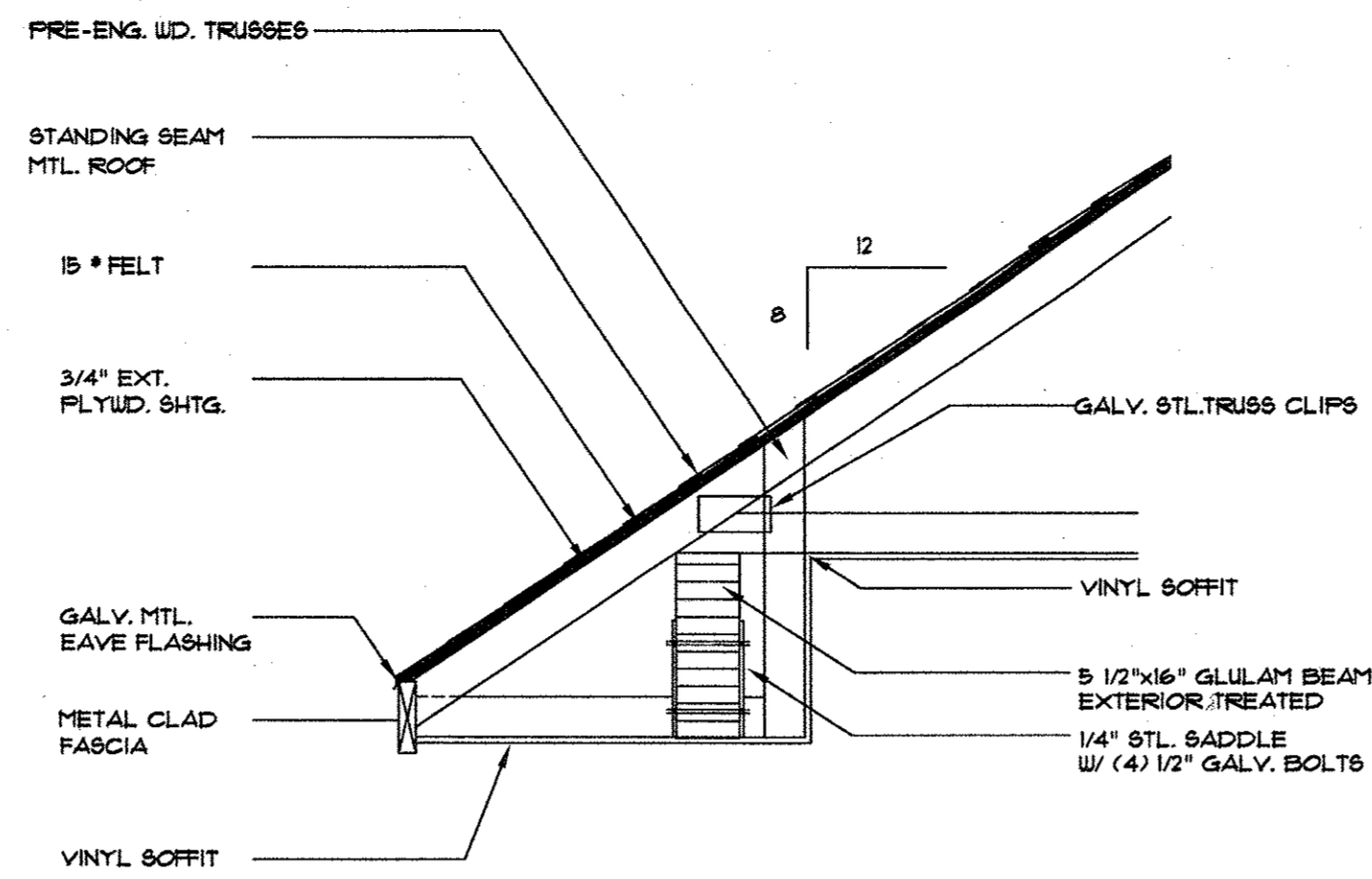
3 RIGHT SIDE ELEVATION
1/8"=1'-0"



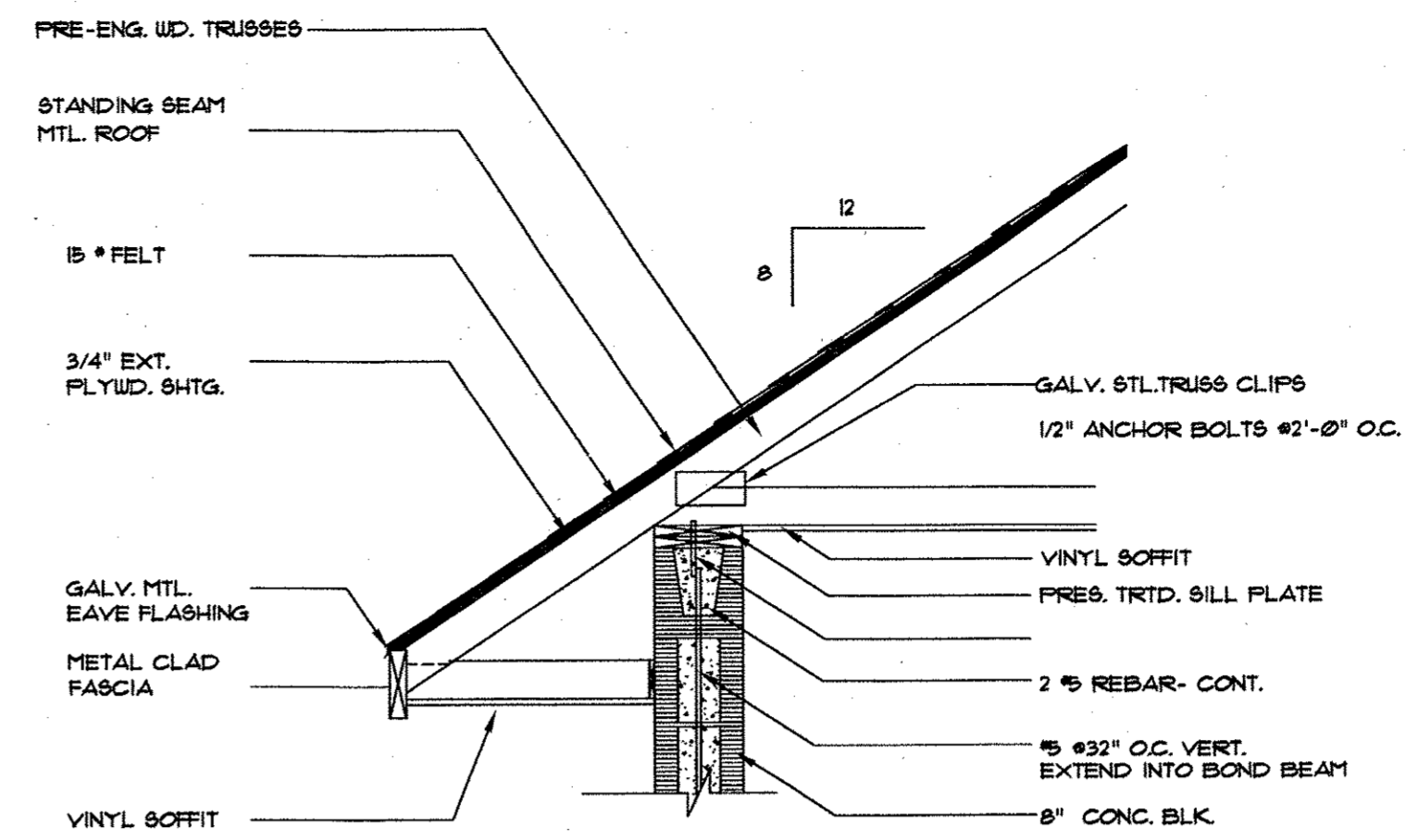
4 EXIT ELEVATION
1/8"=1'-0"



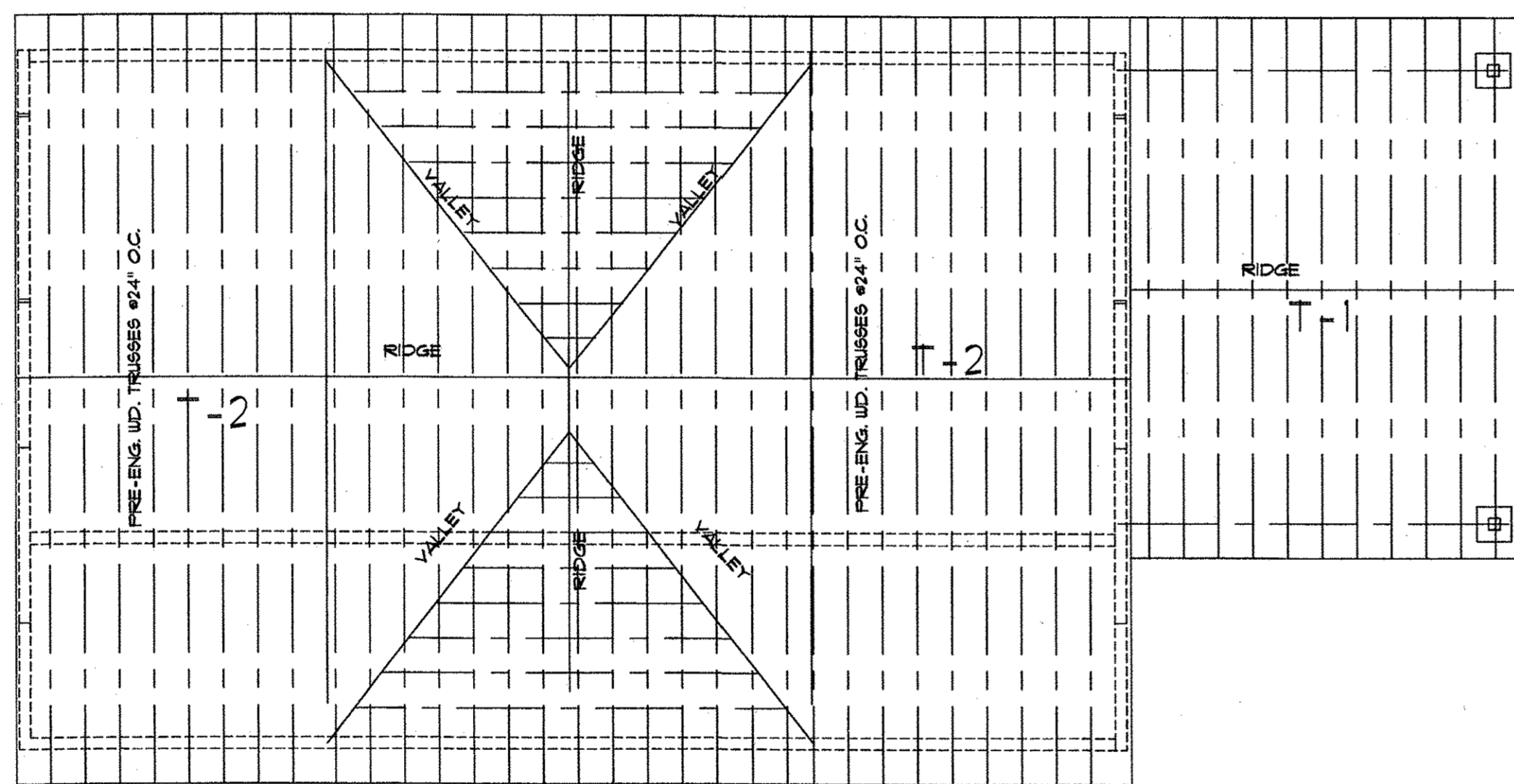
2 BUILDING SECTION
A.3 1/4"=1'-0"



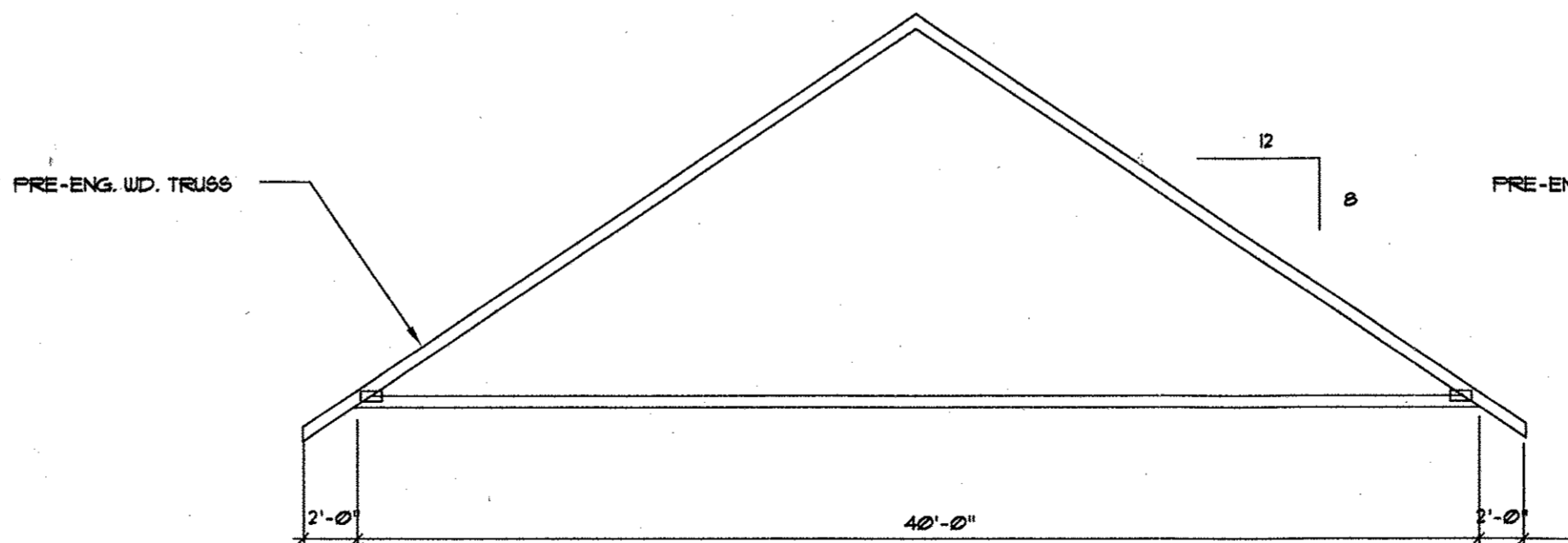
3A SECTION
A.3 3/4"=1'-0"



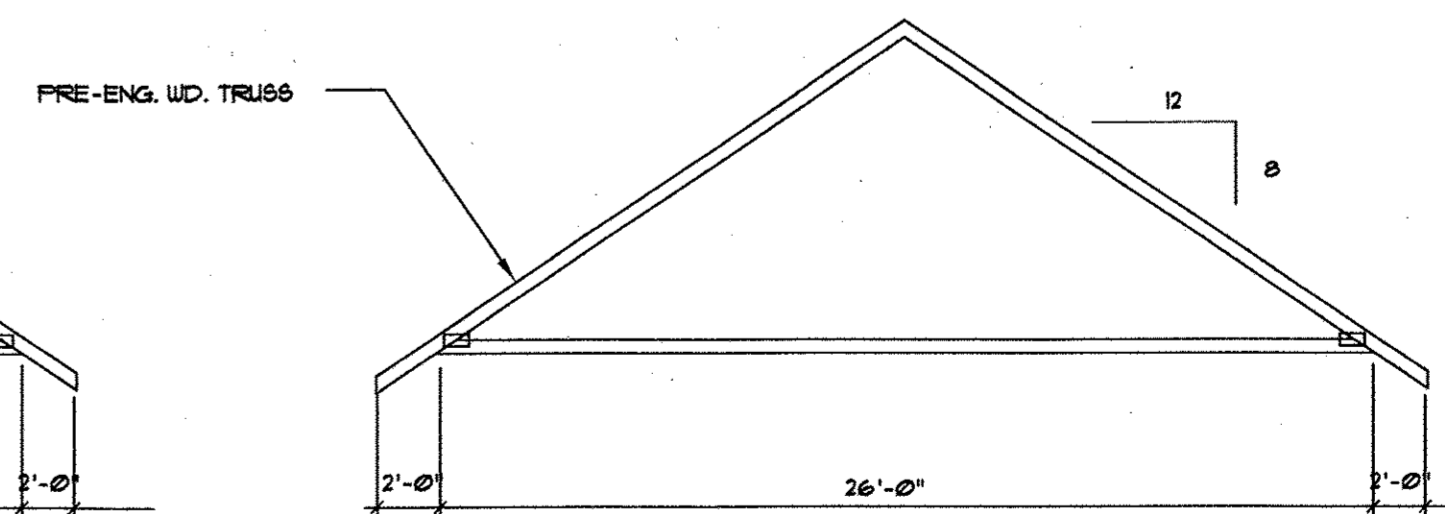
3B SECTION
A.3 3/4"=1'-0"



1 ROOF FRAMING PLAN
A.3 1/8"=1'-0"

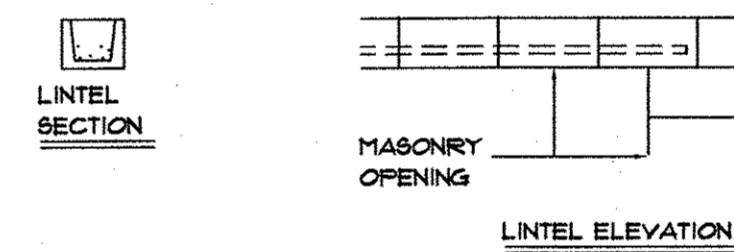
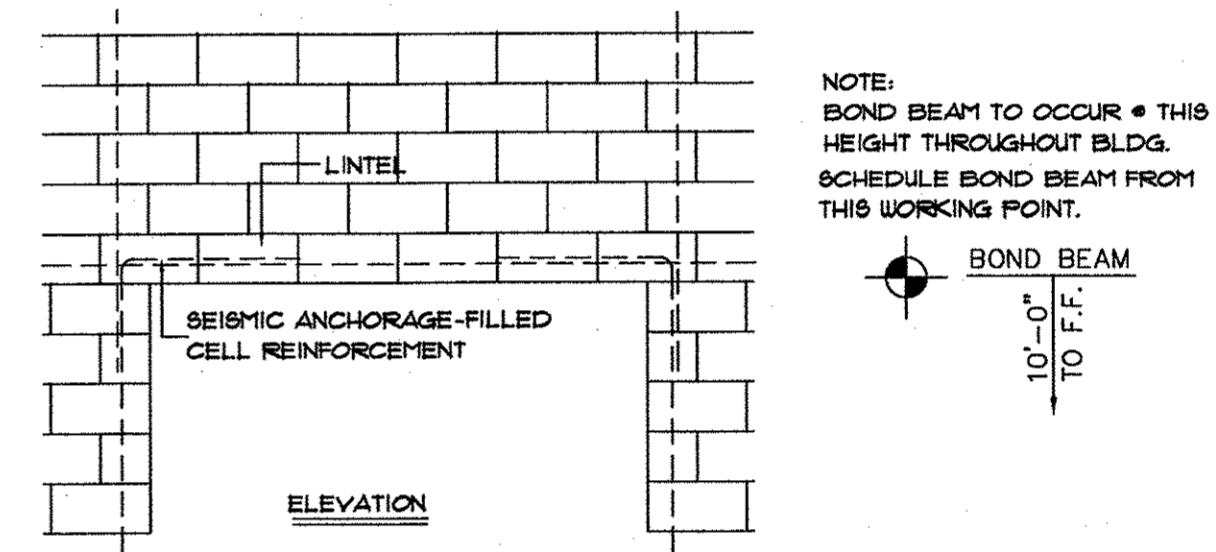


T-2



T-1

4 PRE-ENG. TRUSS TYPES
A.3 N.T.S.



LINTEL "B"x"D"	REQUIRED REINFORCING FOR CLEAR SPAN									
	3'-4"	4'-0"	4'-8"	5'-4"	6'-0"	6'-8"	7'-4"	8'-0"	15'-0"	
6"x 8"	2-#4	2-#4	2-#4	2-#5	2-#5	2-#5	2-#6	2-#6	3-#5	
8"x 8"	2-#4	2-#4	2-#4	2-#5	2-#5	2-#5	2-#6	2-#6	3-#5	
10"x 8"	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5	2-#6	2-#6	3-#5	
12"x 8"	2-#5	2-#5	2-#5	2-#6	2-#6	2-#6	2-#6	2-#6	3-#5	
6"x 16"				2-#4	2-#5	2-#5	2-#5	2-#5	2-#5	
8"x 16"				2-#4	2-#5	2-#5	2-#5	2-#5	2-#5	
12"x 16"				2-#5	2-#5	2-#5	2-#6	2-#6	3-#5	
8"x 16" CONC.				2-#5	2-#5	2-#5	2-#6	2-#6	2-#5	

STEEL LINTEL SCHEDULE	
SPAN	FOR EACH 4" OF WALL THICKNESS, INCLUDING BRICK:
UP TO 2'-0"	1-FLAT PLATE 3/8"x3.1/2"
TO 5'-0"	1-L3.1/2"x3.1/2"x5/16
TO 6'-0"	1-L4.3.1/2"x3/16 LLV
TO 7'-0"	1-L5.3.1/2"x5/16 LLV
TO 8'-0"	1-L5.3.1/2"x3/8 LLV
TO 9'-0"	1-L6.3.1/2"x3/8 LLV

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PRIOR WRITTEN PERMISSION OF THE ARCHITECT. ANY REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS PROHIBITED AND SUBJECT TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.

GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
MS. HIGHWAY NO. 6
JONESBORO, ARKANSAS

NO.	DATE	REVISION

PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
A.3
DATE OF ORIGINAL ISSUE
1/16/10

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. ANY UNAUTHORIZED USE OR DISSEMINATION OF THESE DRAWINGS OR SPECIFICATIONS CONTAINED HEREIN MAY SUBJECT SUCH PERSONS TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.



GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
 879 WILLOW TREE CIRCLE, SUITE 114
 CORDOVA, TENNESSEE 38018
 (901) 756-1878

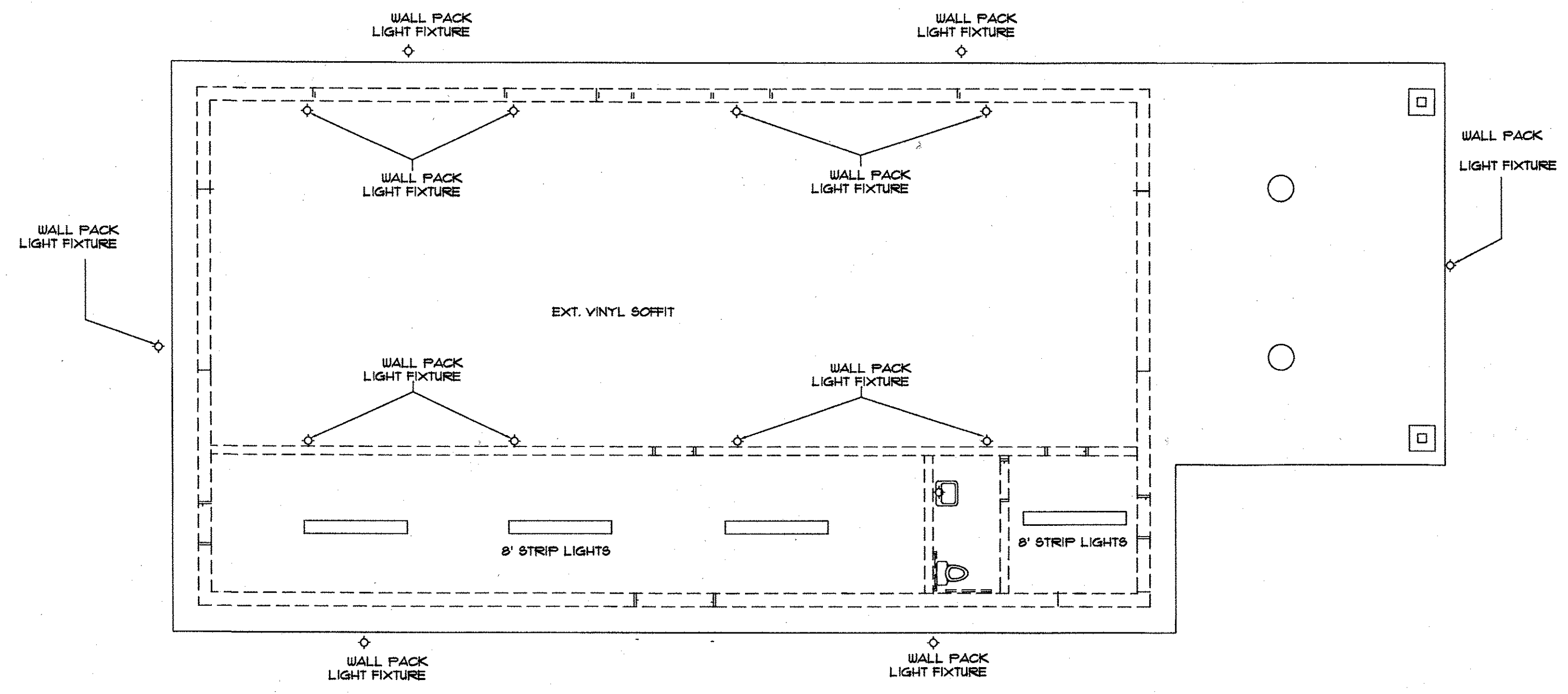
JONESBORO CAR WASH
 SOUTHWEST DRIVE
 JONESBORO, ARKANSAS

NO.	DATE	REVISION	BY

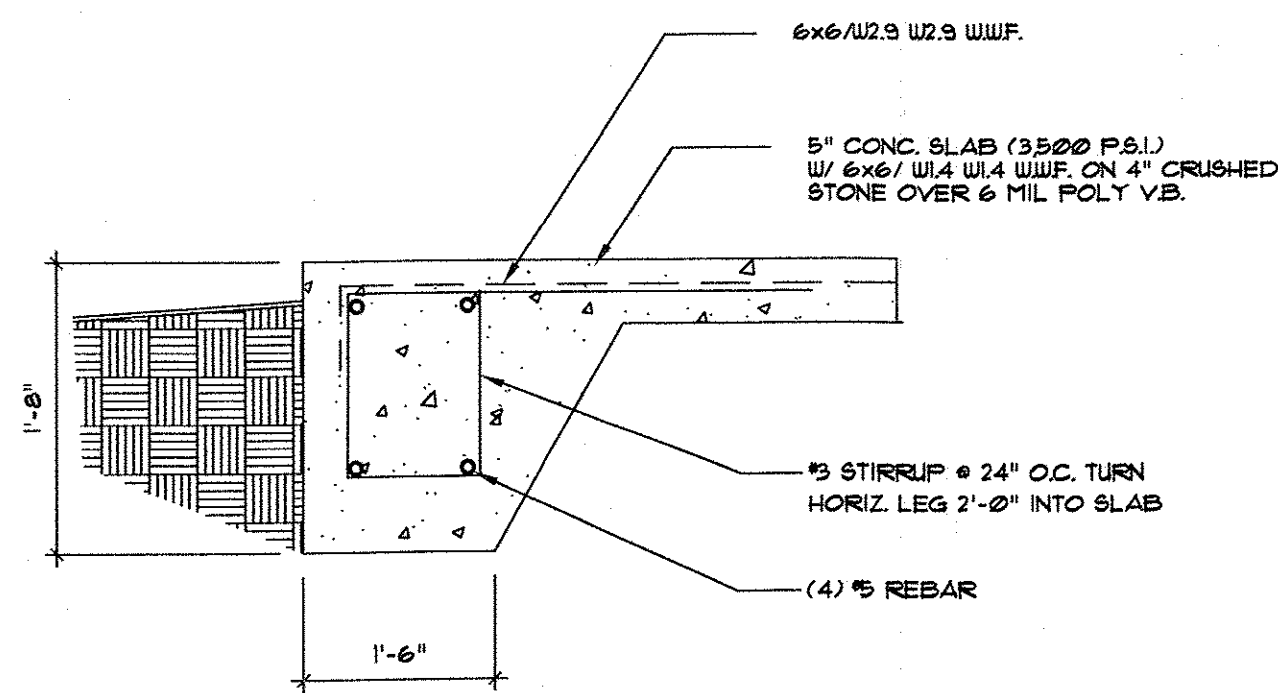
PROJECT NUMBER	SCALE
AS SHOWN	A.4
SHEET NUMBER	OF
DATE OF ORIGINAL ISSUE	12/6/02

LIGHT FIXTURE SCHEDULE					
SYM.	DESCRIPTION	MANUF.	CATALOG NO.	LAMPS	REMARKS
Ⓚ	CEILING MOUNTED METAL HALIDE	HANTINGSON I BPAULDING LIGHTING INC.	HTI-01-H1B-DA-20-PC-DBZ	ONE 175 WATT METAL HALIDE	SUITABLE FOR WET LOCATIONS. CAST ALUM. HOUSING. RUBBER GASKET SEALS. BAKED ON ENAMEL BRONZE FIN. SEE NOTE 1.
Ⓛ	SURFACE MOUNTED 8'X4' FLUORESCENT	LIGHTOLIER	80240RSHFF-2050	2-F32T8 340CU	FURNISH WITH LAMPS
Ⓜ	WALL MOUNTED SUPER MTL. HALIDE	HANTINGSON I BPAULDING LIGHTING INC.	HTI-01-H1B-DA-20-PC-DBZ	ONE 175 WATT METAL HALIDE	SUITABLE FOR WET LOCATIONS. CAST ALUM. HOUSING. RUBBER GASKET SEALS. BAKED ON ENAMEL BRONZE FIN. SEE NOTE 1.

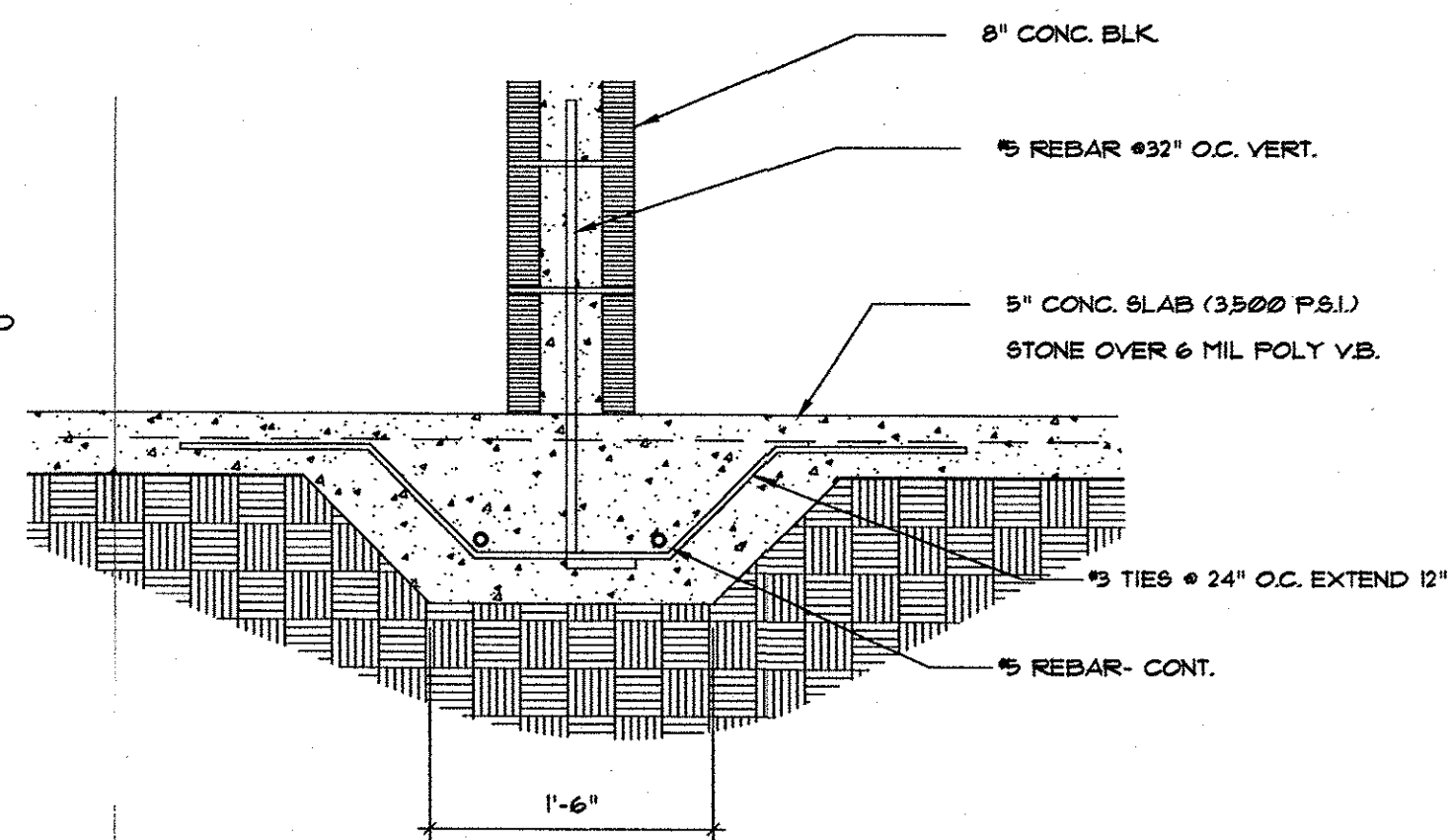
1. CONTACT DEAN NICHOPoulos OF McDANIEL EQUIPMENT CO. FOR SUPPLIER OF LIGHTING FIXTURES • (901) 240-5996



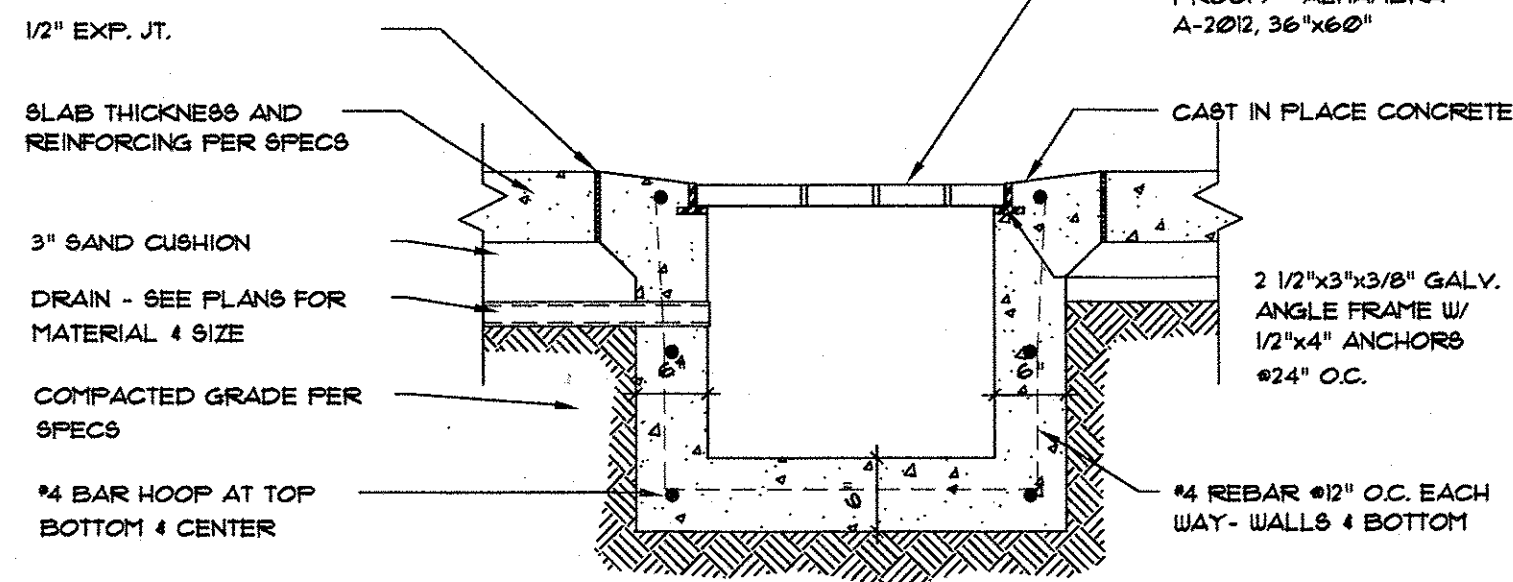
LIGHTING PLAN
 SCALE: 1/8"=1'-0"



2 FOUNDATION DETAIL
S.1 1"=1'-0"

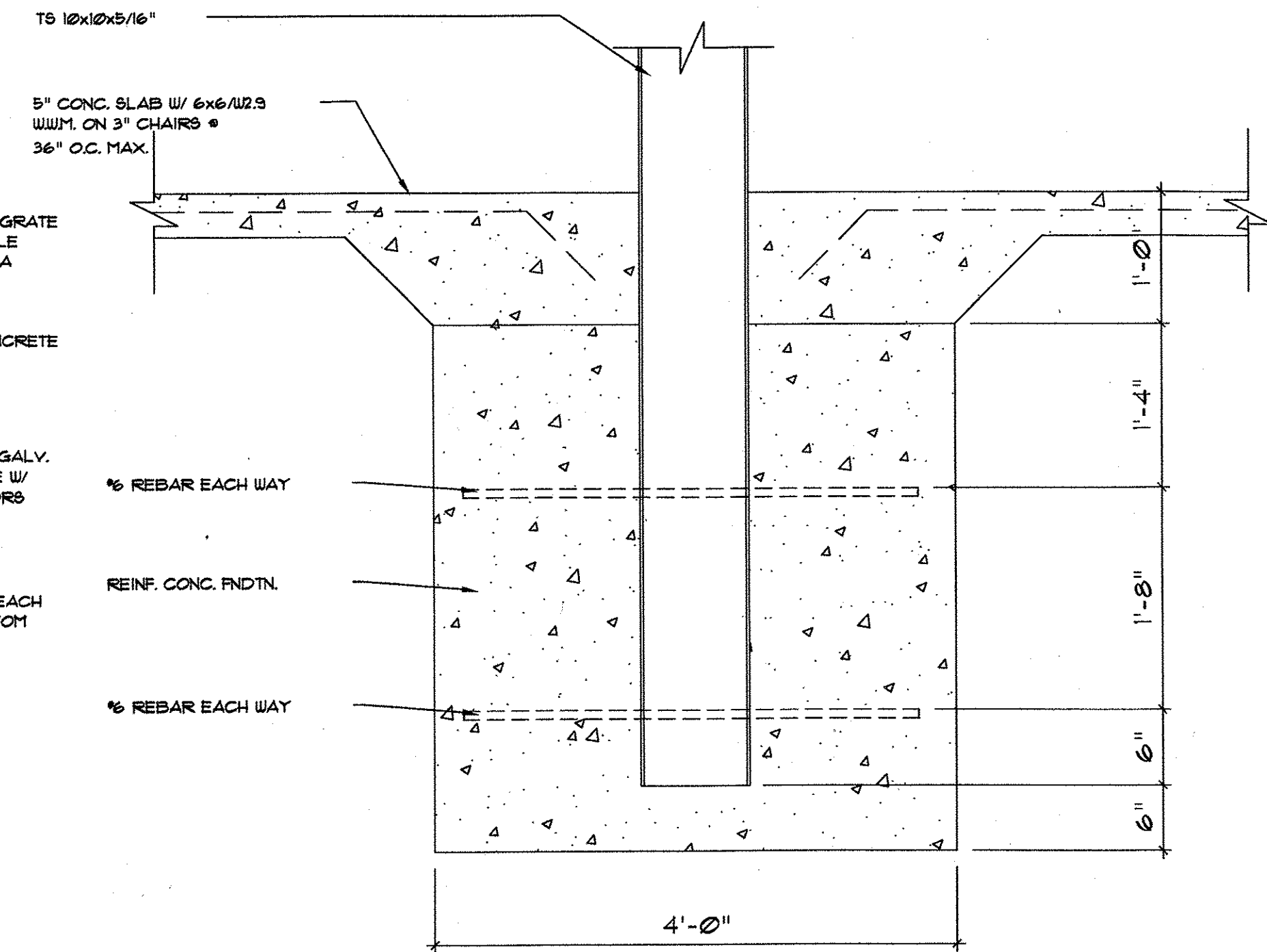


3 FOUNDATION DETAIL
S.1 1"=1'-0"

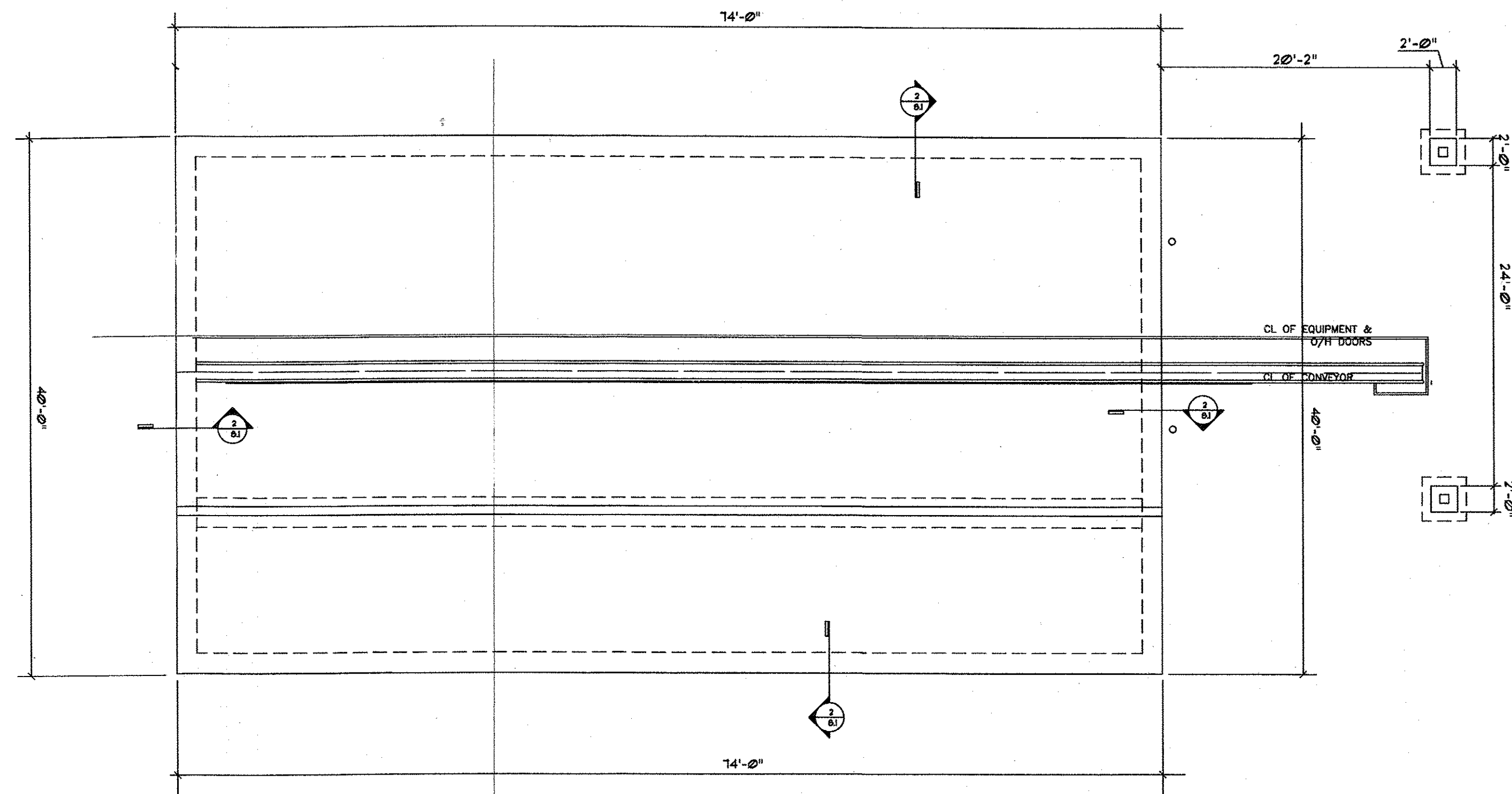


- NOTES:
1. GRATE AND FRAME SHALL BE GALVANIZED
2. PROVIDE LOCK SCREWS TO PREVENT VANDALISM

4 TRENCH DRAIN DETAIL
S.1 3/4"=1'-0"



5 FOUNDATION DETAIL
S.1 3/4"=1'-0"



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

THIS DOCUMENT IS THE PROPERTY OF GUY PAYNE & ASSOCIATES ARCHITECTS AND SHOULD NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY UNAUTHORIZED USE OR DISSEMINATION OF THIS DOCUMENT IS PROHIBITED AND SUBJECT TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.

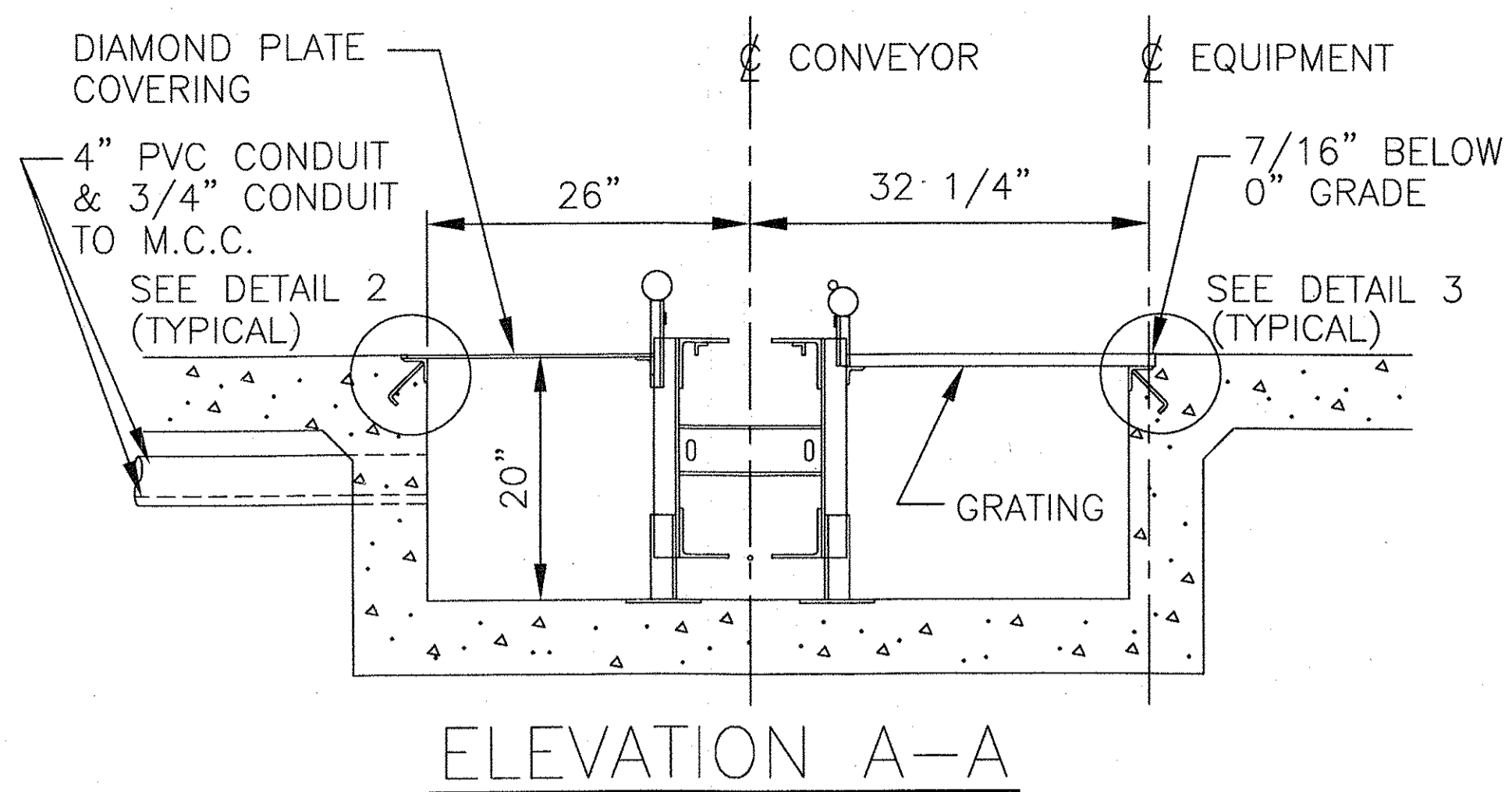


GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

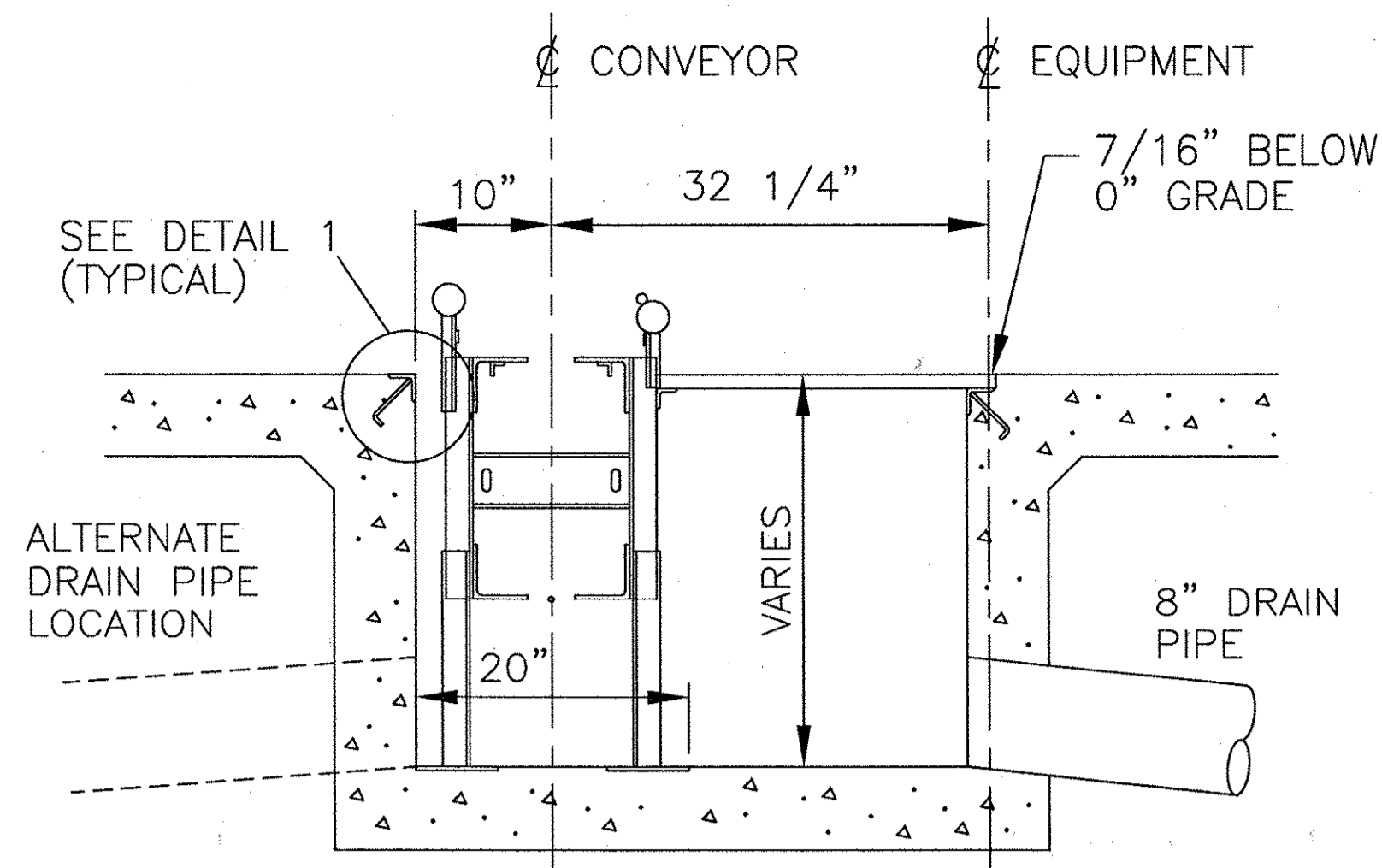
JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	DATE	REVISION	BY

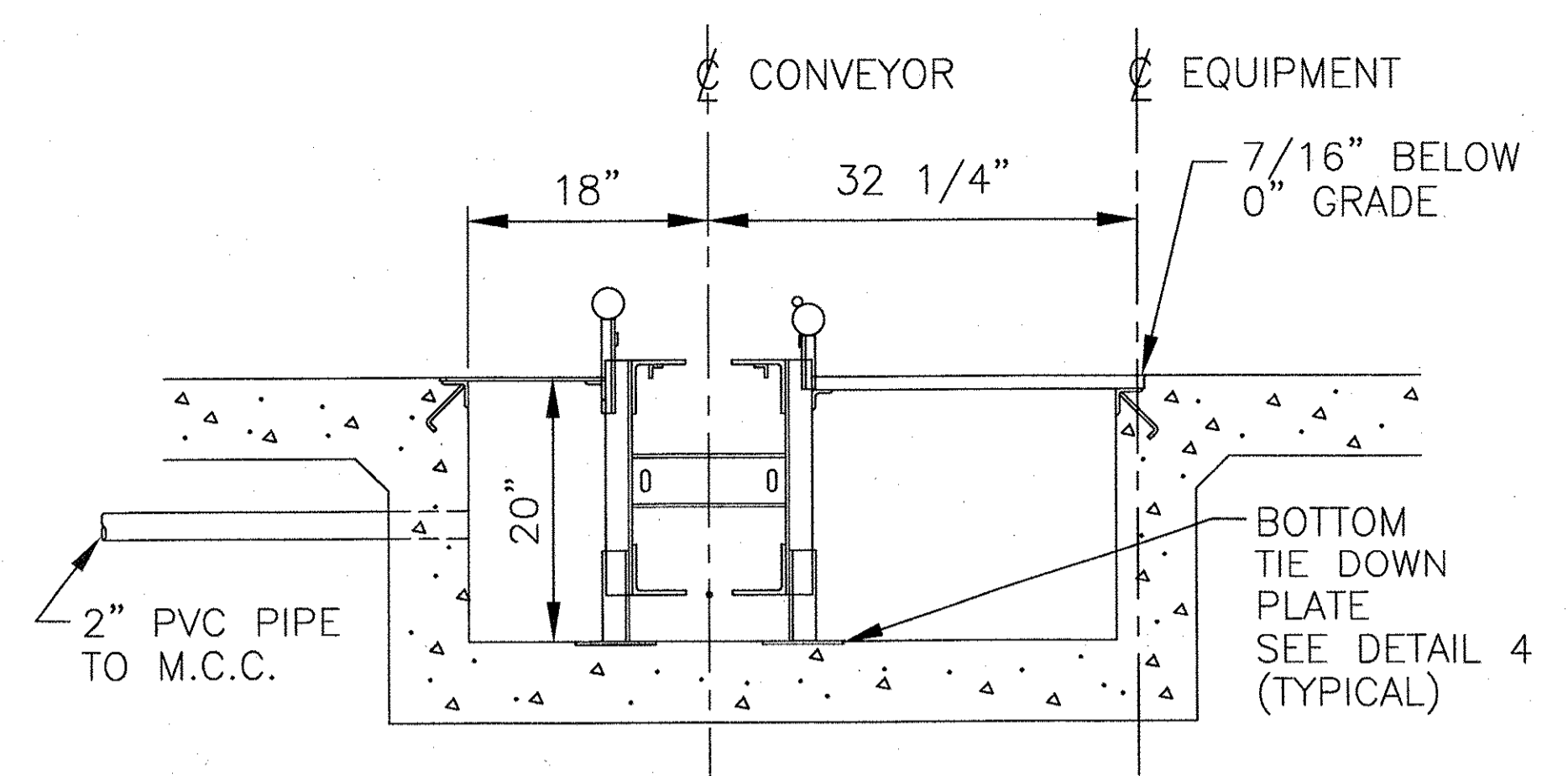
PROJECT NUMBER	
SCALE	AS SHOWN
SHEET NUMBER	S.1
DATE OF ORIGINAL ISSUE	2/6/10



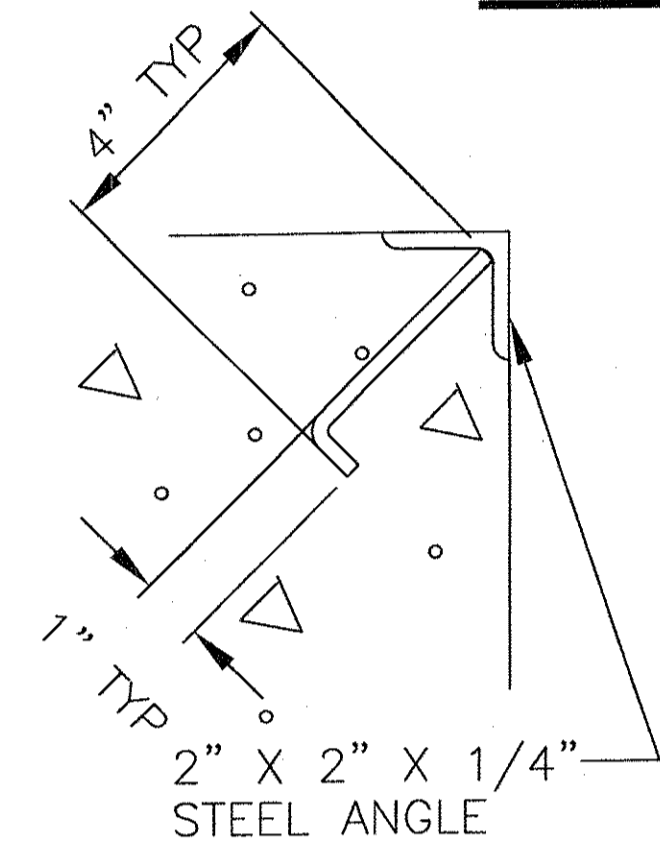
ELEVATION A-A



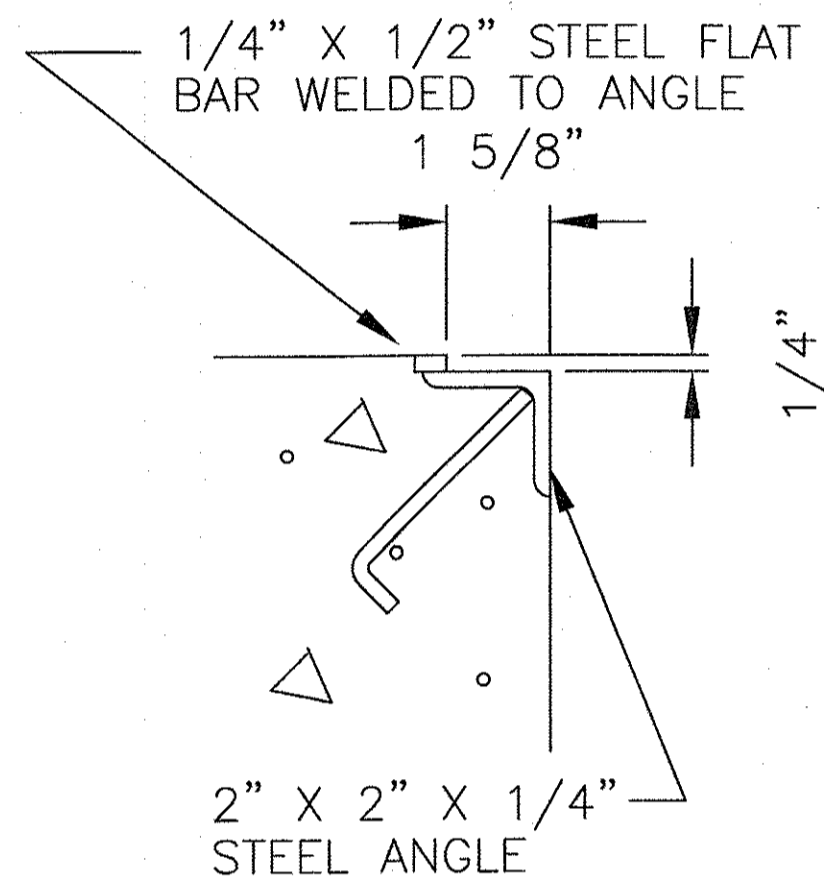
ELEVATION B-B



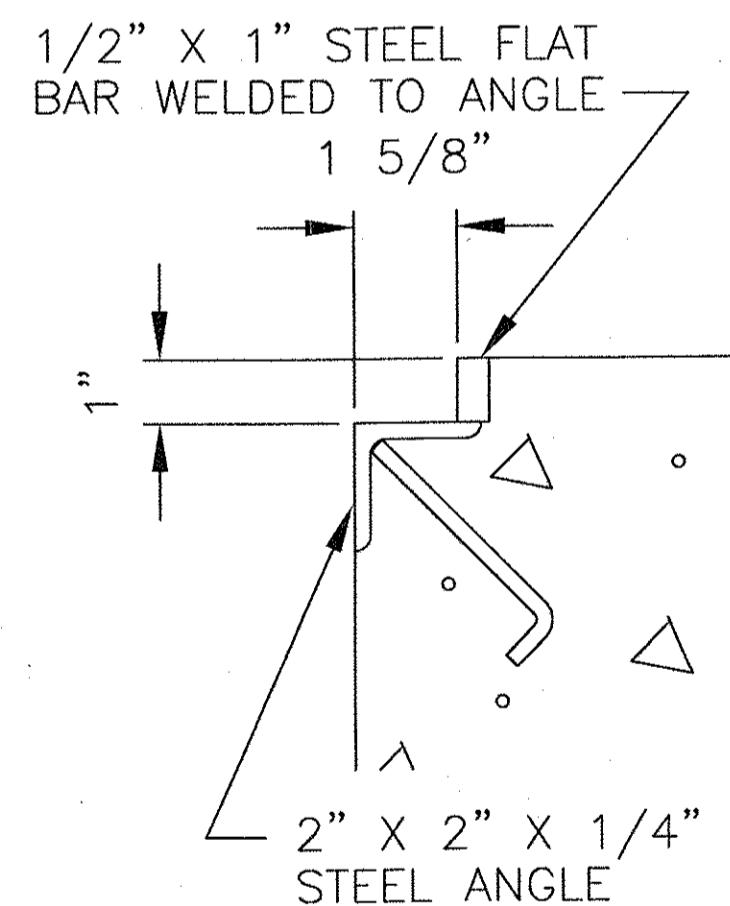
ELEVATION C-C



DETAIL 1
CONTINUOUS SIDE
TIE DOWN ANGLE
SCALE 3"=1'-0"



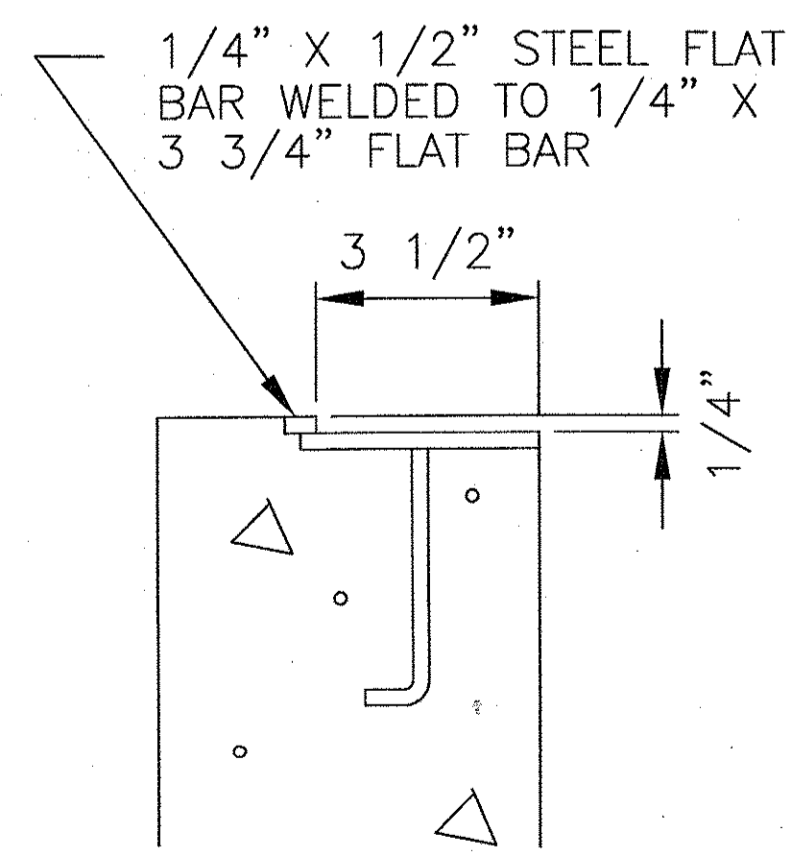
DETAIL 2
DIAMOND PLATE SEAT
SCALE 3"=1'-0"



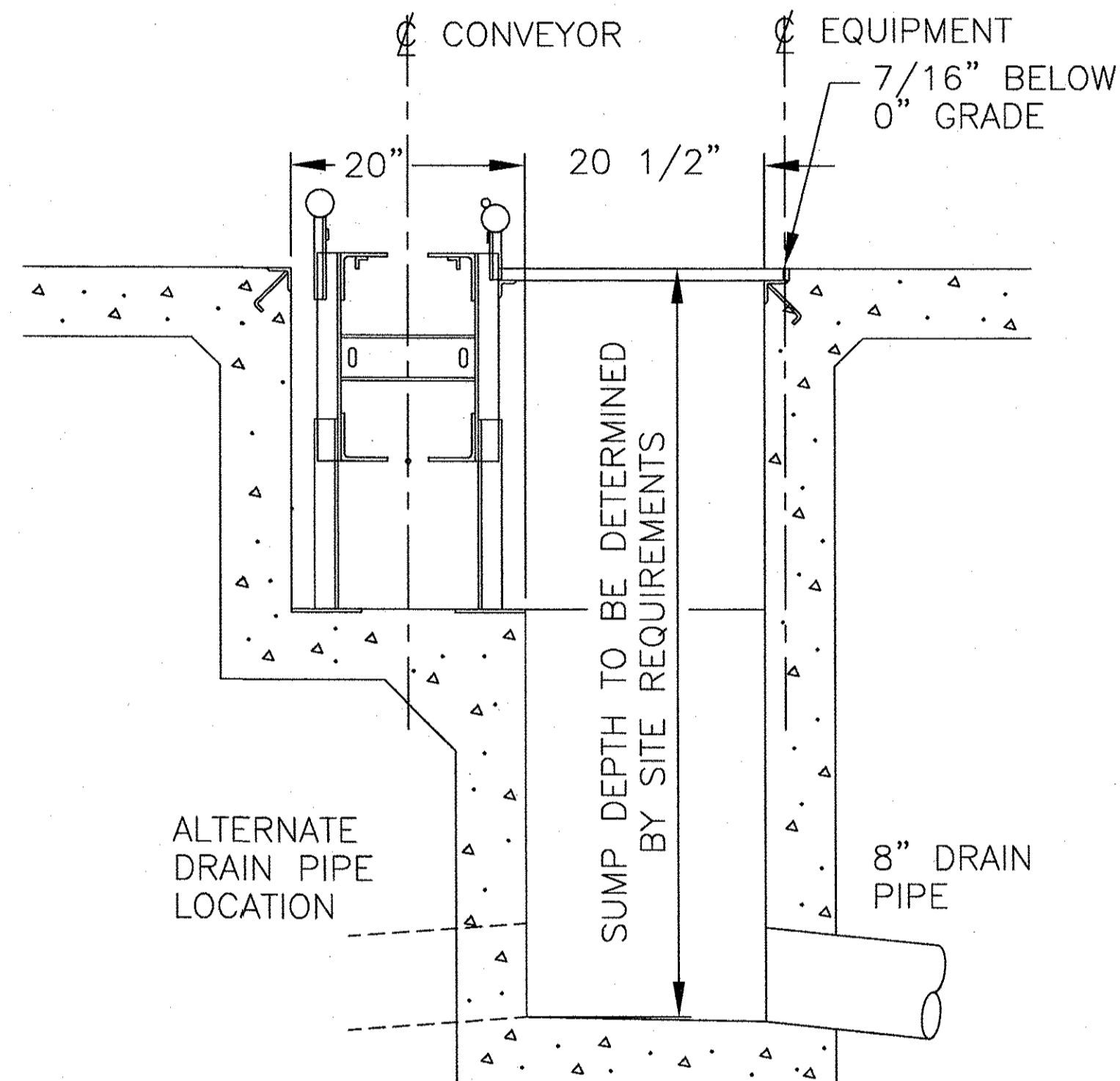
DETAIL 3
GRATING SEAT
SCALE 3"=1'-0"

STEEL PLATES 1/4" X 6"
X 10'-0" LENGTHS. WELD
BENT RODS AT 29" C/C.

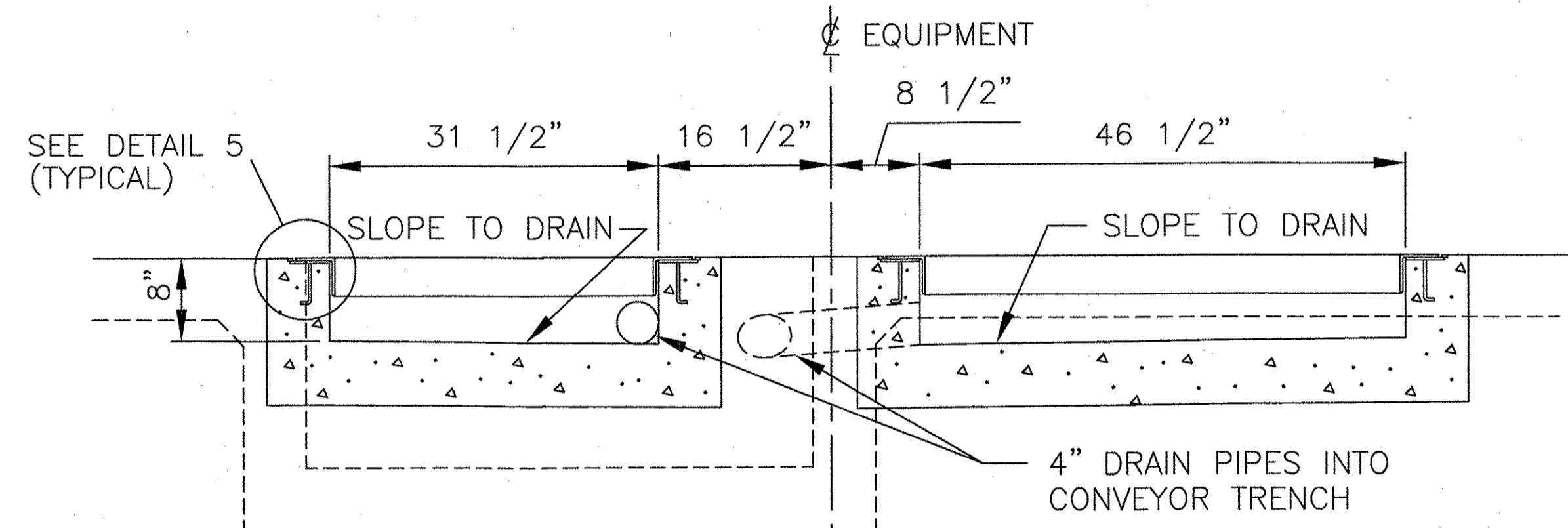
DETAIL 4
TIE DOWN PLATE
(CONTINUOUS)
SCALE 3"=1'-0"



DETAIL 5
CORRELATOR SEAT
SCALE 3"=1'-0"

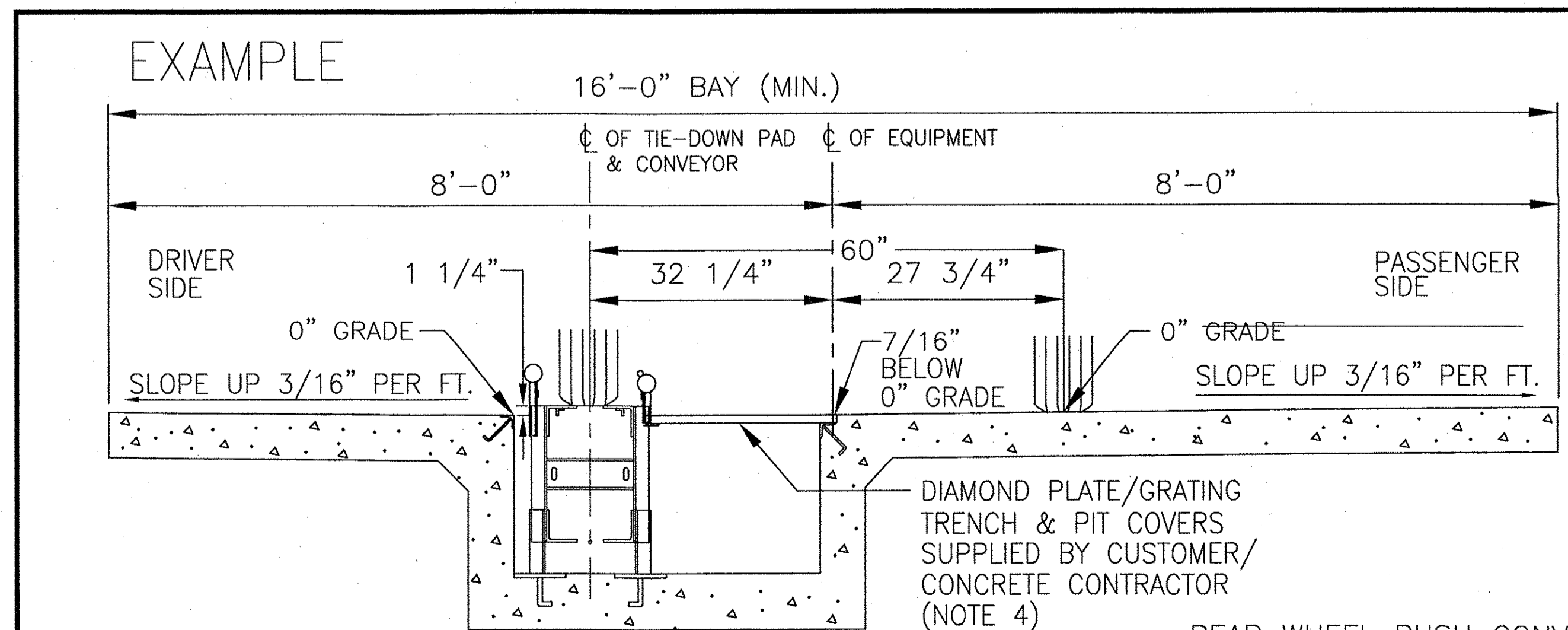


ELEVATION B1-B1



ELEVATION D-D
RC120 CORRELATOR

- NOTES:
1. SLOPE FLOOR UP 1/4" PER 10'-0" FROM ENTRANCE EDGE OF CONVEYOR PIT TO THE EXIT EDGE OF THE CONVEYOR PIT.
 2. ALL CONCRETE TO BE A MINIMUM OF 6" THICK.
 3. FINISH FLOOR TO HAVE A ROUGH TEXTURE. ie. BROOM FINISH CONCRETE SO THAT BROOM LINES RUN PERPENDICULAR TO CONVEYOR TRENCH. (MUST HAVE NON SKID SURFACE.)
 4. ALL TIE DOWN PLATES, TIE DOWN ANGLES, COVER SEAT STEEL, RE BAR, GRATING, DRAINS, CHASE WAYS, PLASTIC SLEEVES AND CONDUIT ARE THE RESPONSIBILITY OF THE CUSTOMER/CONCRETE CONTRACTOR.
 5. 1 1/4" PLASTIC CONDUIT, THREE 1/4" AIR LINES AND 3/4" ELECTRICAL CONDUIT MAY BE LOCATED AT EXIT END OF TRENCH, EITHER IN TAKE UP PIT OR OPPOSITE WALL, TO SUIT LOCATION OF CONTROL ROOM & M.C.C.
 6. DRAINS CAN BE ON EITHER SIDE OF TRENCH DEPENDING ON LOCATION OF SEDIMENT PIT, WATER RECLAIM PIT OR SEWER.



REAR WHEEL PUSH CONVEYOR
TYPICAL INSTALLATION SCALE N.T.S.

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. NO REPRODUCTION, COPIED, OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT. ANY UNAUTHORIZED USE OR DISSEMINATION OF THESE DRAWINGS OR SPECIFICATIONS WILL BE SUBJECT TO LEGAL ACTION AND CIVIL PENALTIES AND DAMAGES.

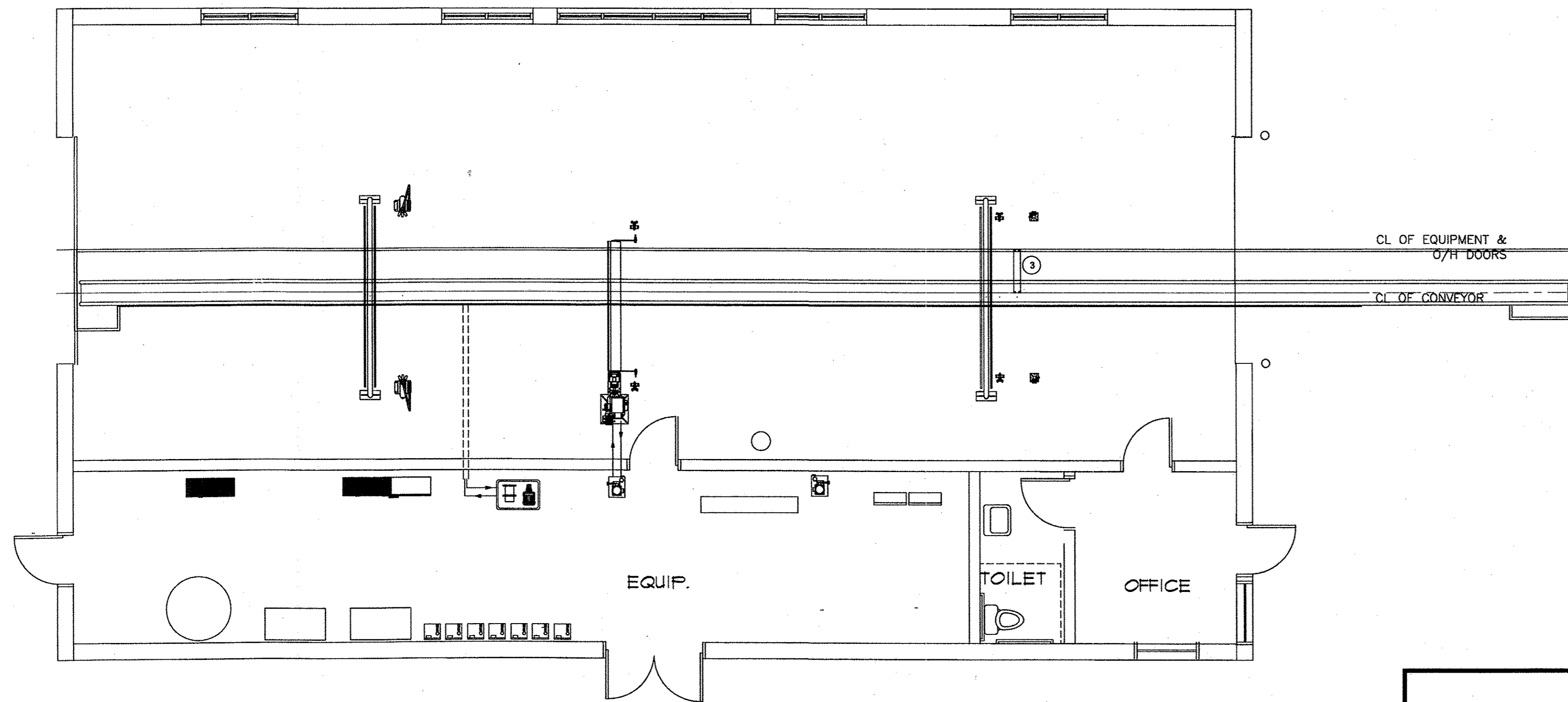


GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

PROJECT NUMBER	
SCALE	AS SHOWN
SHEET NUMBER	5.2
DATE OF ORIGINAL ISSUE	12/6/19

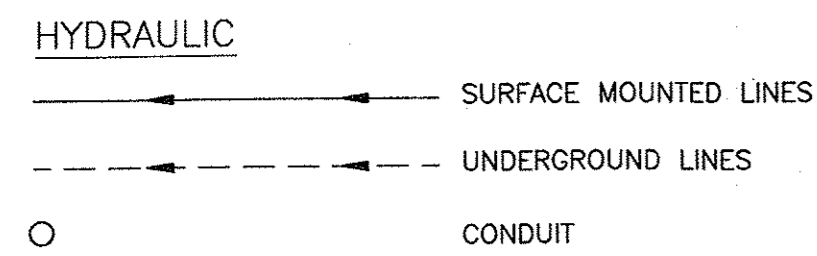
PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
5.2
DATE OF ORIGINAL ISSUE
12/6/19



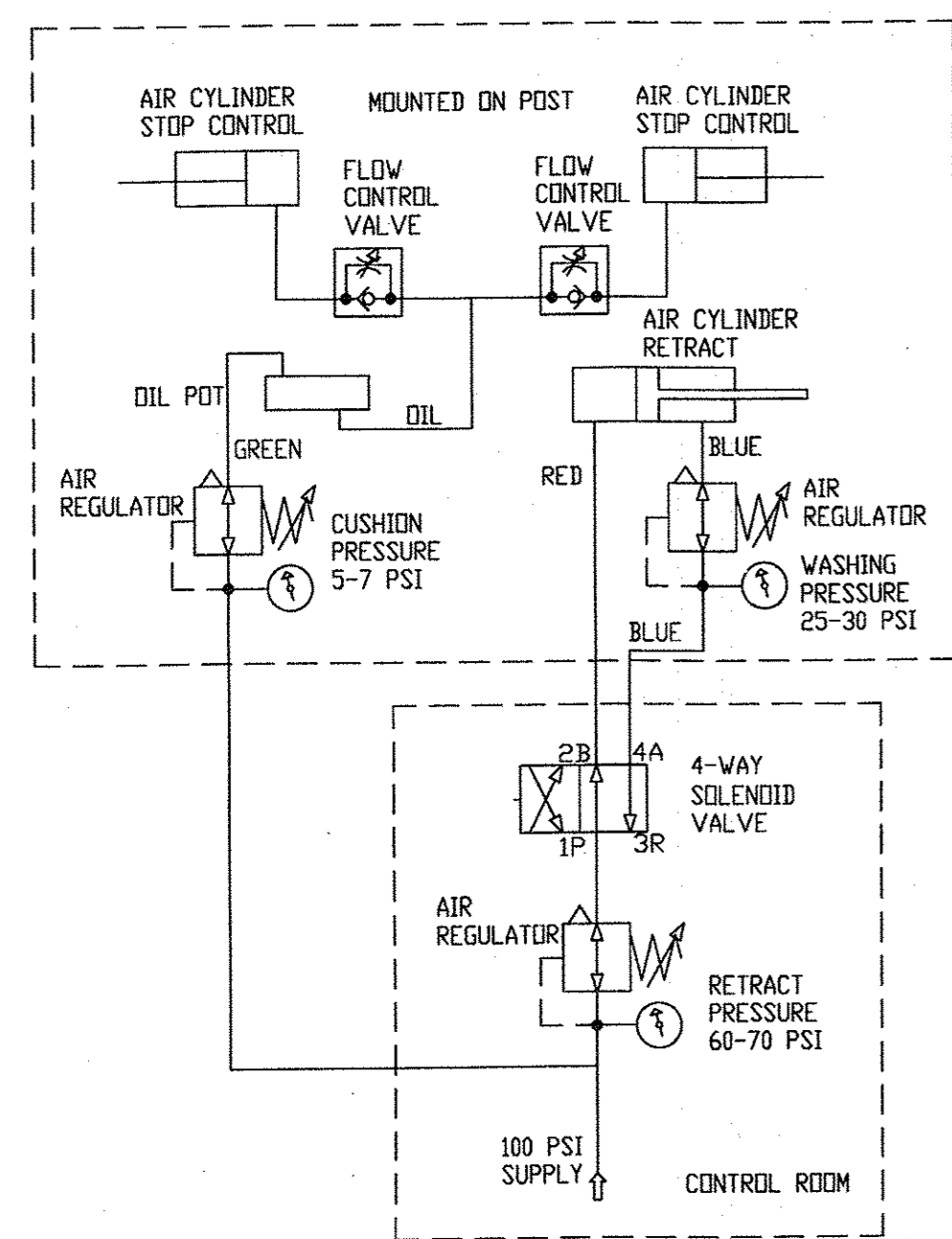
HYDRAULIC NOTES:

- RWH-4 SUPPLY AND RETURN LINES, FROM THE HELIX POWER PACK RUN 2 SUPPLY LINES AND 1 RETURN LINE TO THE HELIX ARCH AND CONNECT TO THE BULKHEAD, ONE SUPPLY LINE WILL FEED THE TOP 2 HELIX HEADS AND THE SECOND WILL FEED THE BOTTOM 2 HELIX HEADS, FROM THE BULKHEAD RUN 1 RETURN LINE TO THE HELIX POWER PACK, PLUMBING FROM THE BULKHEAD TO THE HELIX HEADS IS DONE AT THE FACTORY, THE BOTTOM TWO HEADS WILL HAVE FOLLOW FEATURE.
- CONVEYOR MOTOR SUPPLY AND RETURN LINES, FROM THE HYDRAULIC POWER PACK RUN 1/2" I.D. SUPPLY AND RETURN LINES IN A 4" PVC CONDUIT TO THE CONVEYOR MOTOR AND MAKE CONNECTIONS.

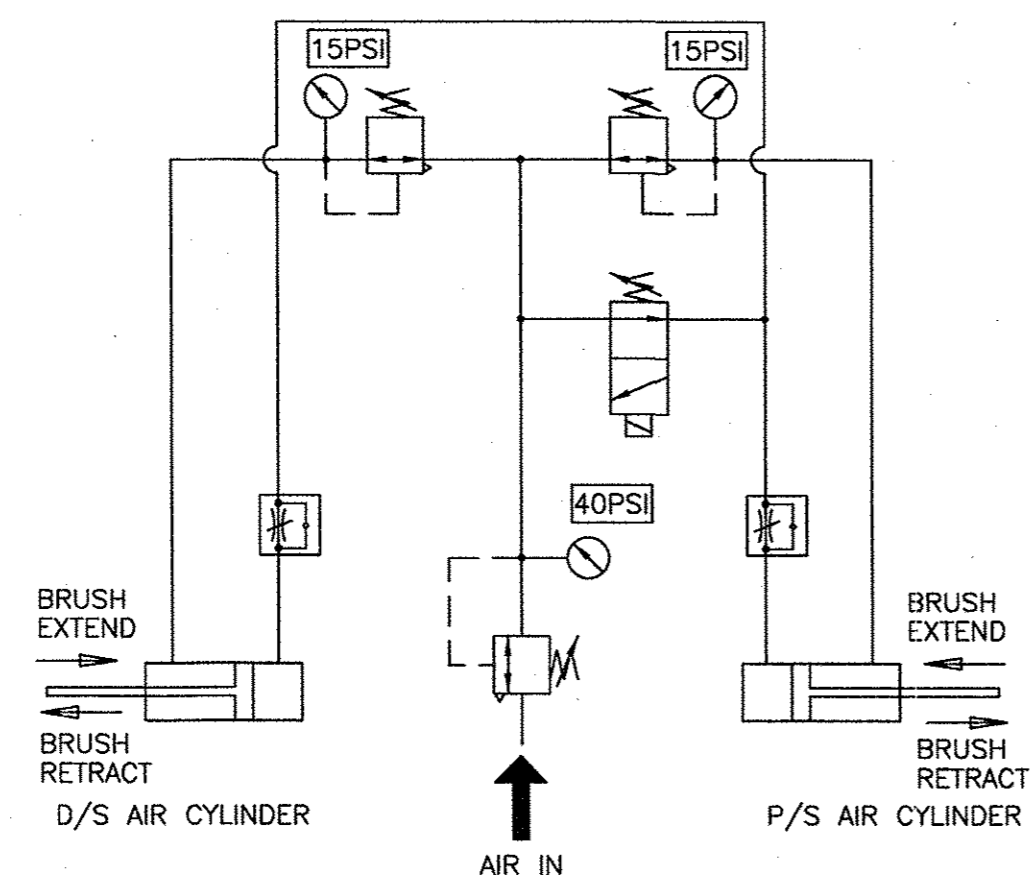
NOTE:
304 STAINLESS STEEL TUBING WITH A MINIMUM OF 0.035 WALL THICKNESS IS RECOMMENDED FOR HYDRAULIC LINES. IF HOSE IS USED IT SHOULD MEET OR EXCEED IMPERIAL EASTMAN 1/2" STYLE HSF08 WITH A PRESSURE RATING OF 2500 PSI AND BURST PRESSURE OF 10,000 PSI.



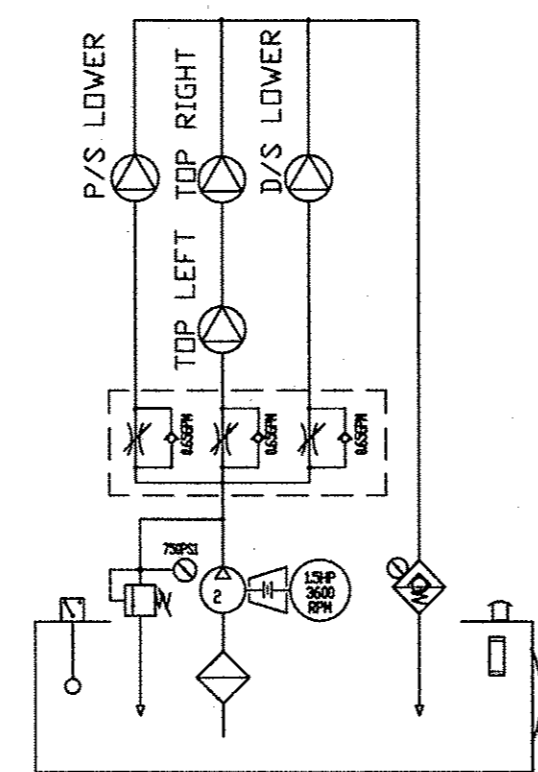
HYDRAULIC / PNEUMATIC EQUIPMENT SCHEDULE							
EQUIPMENT		HYDRAULICS			PNEUMATICS		
EQUIPMENT TAG	EQUIPMENT	CONNECTION AT EQUIPMENT	LINE SIZE	PRESSURE SET @ (PSI)	LINE SIZE AT EQUIPMENT	CONNECTION AT EQUIPMENT	PRESSURE SET @ (PSI)
CONVEYOR	ROLLER UP CHAIN TENSION MOTOR	1/2" MALE JIC	1/2" I.D.	800-1200	1/4"	1/4" TUBE	40
RS1000	TOP BRUSH				1/4"	1/4" TUBE	60-70
RS701	WRAP AROUND				1/4"	1/4" TUBE	80
RS301	VAN HIGH WASHER				1/4"	1/4" TUBE	15
RS400	LOW SIDE WASHER				1/4"	1/4" TUBE	15
RWH	HELIX ARCH	1/2" MALE JIC	1/2" I.D.	800	1/4"	1/4" TUBE	50



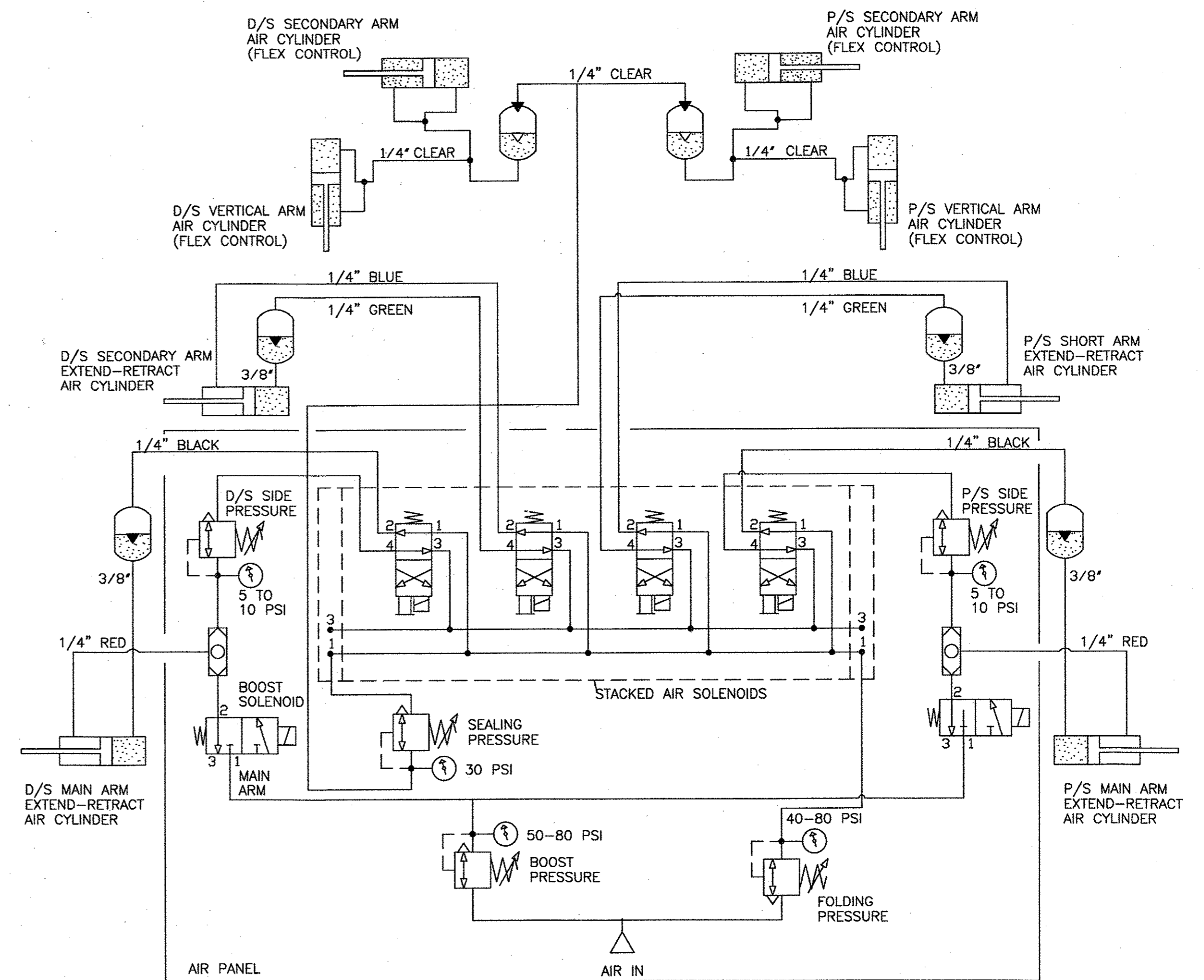
RS1000 TOP BRUSH AIR SCHEMATIC



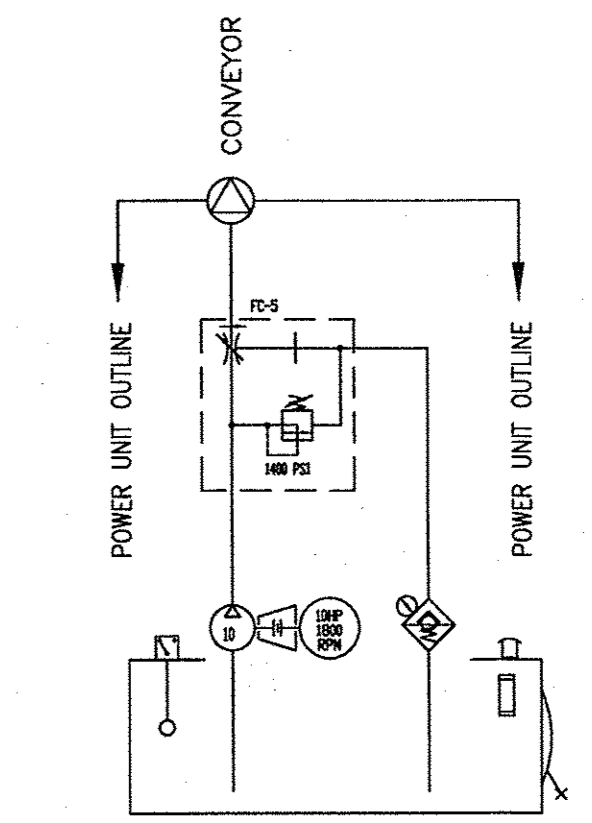
RS301/RS400 COMPRESSED AIR SCHEMATIC



HELIX POWER UNIT HYDRAULIC SINGLE LINE DIAGRAM



RS701A & RS701B SUPERFLEX WASHER AIR SCHEMATIC



G410-10 HYDRAULIC SINGLE LINE DIAGRAM

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. ANY REPRODUCTION OR USE OF THESE DRAWINGS OR SPECIFICATIONS WITHOUT THE WRITTEN CONSENT OF GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. IS PROHIBITED. ANY REPRODUCTION OR USE OF THESE DRAWINGS OR SPECIFICATIONS CONTAINED HEREIN THAT SUBJECTS SUCH FIRM TO DAMAGES, ORIGINAL AND CIVIL PENALTIES AND DAMAGES.

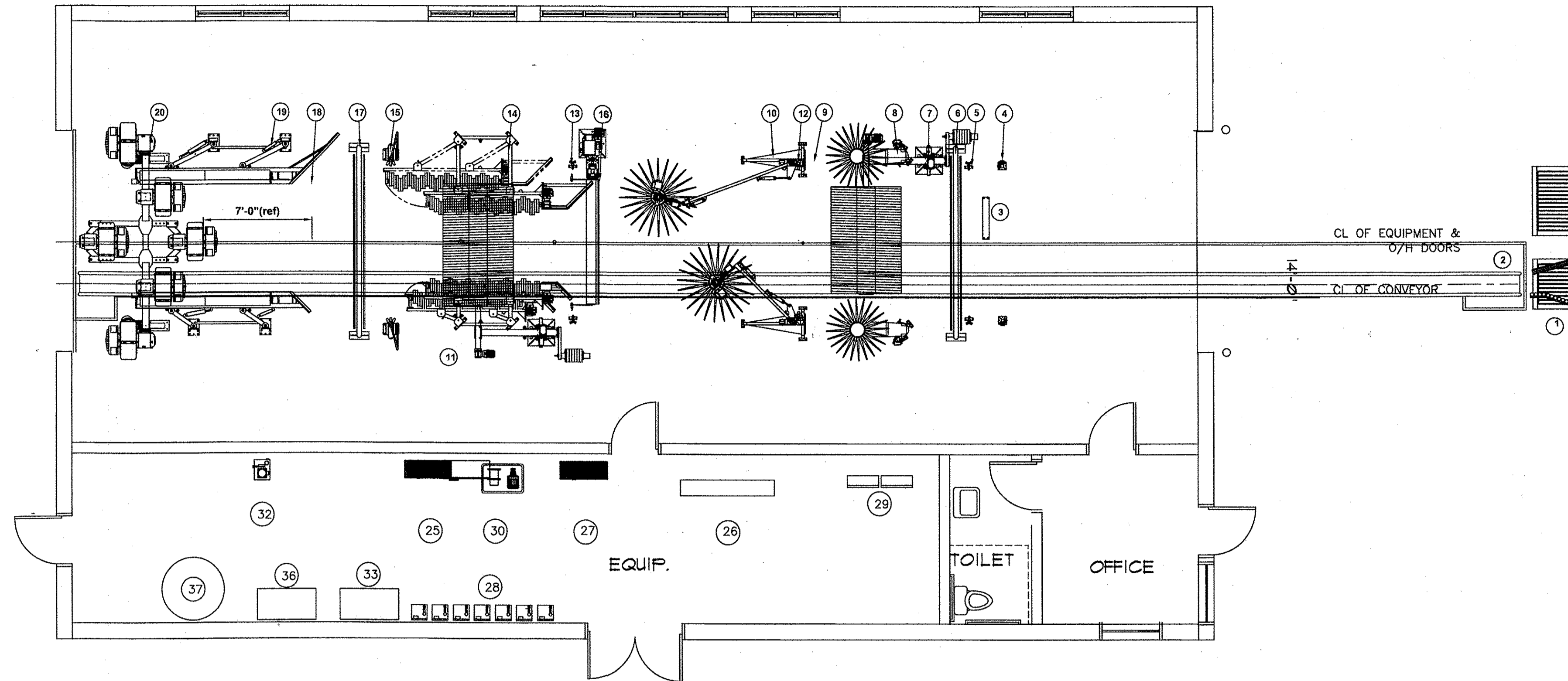
Paul C. Beard
12/15/10

GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	DATE

PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
M.I.
DATE OF ORIGINAL ISSUE
12/6/10



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

PLUMBING NOTES

- 1 K-PRESOAK. REFER TO MANUFACTURER'S SPECIFICATIONS FOR DETAILS.
- 2 TIRE CHEMICAL APPLICATOR (CTA). UNIT COMES COMPLETE WITH FOAMING CTA APPLICATOR SET, A DILUTION STATION, AND A 32" RAMPED TAPE SWITCH. FROM THE CTA DILUTION STATION RUN 3/8" POLY TUBING (FOR AIR) OUT TO THE DS APPLICATOR AND MAKE CONNECTION. TEE OFF AND RUN 3/8" POLY TUBE TO THE PS APPLICATOR AND MAKE CONNECTION. FOR CHEMICAL, RUN 1/2" POLY TUBING FROM DILUTION STATION TO DS APPLICATOR. REDUCE TO 3/8" AND MAKE CONNECTION. TEE OFF & RUN OUT TO PS APPLICATOR AND MAKE CONNECTION. REFER TO CTA MANUAL FOR DETAILS.
- 3 TOP BRUSH (RS1000). FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO BULKHEAD ON THE RS1000. PLUMBING FROM THE BULKHEAD TO THE TOP BRUSH IS DONE AT THE FACTORY.
- 4 SINGLE FOAM STREAMER. REFER TO MANUFACTURER'S SPECIFICATIONS FOR DETAILS.
- 5 UNDERCHASSIS (RW100). FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO CONVEYOR TRENCH VIA 4" PVC SLEEVE PROVIDED. SECURE TO TRENCH WALL AND CONNECT TO APPLICATOR.
- 6 RS701 (DS) & RS400 (PS). FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO THE DS RS701 AND CONNECT TO THE PLUMBING BULKHEAD. TEE OFF & RUN OUT TO THE PS RS400 PLUMBING MANIFOLD SUPPORT AND MAKE CONNECTION.
- 7 RS400 (DS) & RS701 (PS). FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO THE DS RS400 PLUMBING MANIFOLD SUPPORT AND MAKE CONNECTION. TEE OFF & RUN OUT TO THE PS RS701 PLUMBING BULKHEAD AND MAKE CONNECTION.
- 8 RS301. FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO THE DS RS301 PLUMBING MANIFOLD SUPPORT & MAKE CONNECTION. TEE OFF & RUN OUT TO PS RS301 PLUMBING SUPPORT MANIFOLD & MAKE CONNECTION.
- 9 TRIPLE FOAM STREAMER. REFER TO MANUFACTURER'S SPECIFICATIONS FOR DETAILS.
- 10 HELIX ARCH (RW-4). RUN TWO HIGH PRESSURE WATER LINES OUT TO THE PLUMBING BULKHEAD ON THE RW-4 FROM THE PUMPING STATION. REDUCE TO 1/2" AND MAKE CONNECTIONS. PLUMBING FROM BULKHEAD TO HELIX HEADS IS DONE AT THE FACTORY. REFER TO HELIX INSTALLATION MANUAL.
- 11 DRYING AGENT. FROM WCC CONNECT 3/4" WATER LINE & RUN OUT TO THE PLUMBING MANIFOLD.
- 12 SPOT FREE RINSE. FROM R/O SYSTEM RUN 3/4" WATER LINE OUT TO THE PLUMBING MANIFOLD.
- 13 HELIX PUMPING STATION. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR CONNECTIONS.

PLUMBING LEGEND

- SURFACE MOUNTED LINES
- - - UNDERGROUND LINES
- CONDUIT

NOTE:-
PLUMBING CONTRACTOR TO FLUSH OUT WATER LINE FROM WATER MAIN TO CAR WASH EQUIPMENT TO ELIMINATE ANY CONTAMINANT DUE TO INSTALLATION.

PLUMBING EQUIPMENT SCHEDULE					
EQUIPMENT		WATER			
EQUIPMENT TAG	EQUIPMENT	LINE SIZE	FEED FROM	CONNECTION AT EQUIPMENT	GPM @ 40 PSI
RS1000 #1	TOP BRUSH	3/4"	WCC	3/4" JIC	2.0
RS1000 #2	TOP BRUSH	3/4"	WCC	3/4" JIC	2.0
RS701	WRAP AROUNDS	3/4"	WCC	3/4" HOSE BARB	9.0 (/set)
RS301	VAN HIGH WASHER	3/4"	WCC	3/4" HOSE BARB	9.0 (/set)
RS400	LOW SIDE WASHER	3/4"	WCC	3/4" HOSE BARB	4.0 (/set)
RW100	UNDERCHASSIS	3/4"	WCC	3/4" HOSE BARB	6.0
RW-4	HELIX ARCH(/head)				10.0@500psi
CTA	TIRE CHEMICAL APPLICATOR	3/4"	WCC	3/8" TUBE	4.0
RW112	RAIN ARCH MANIFOLD (DRYING AGENT)	3/4"	WCC	3/4" HOSE BARB	6.0@60psi

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. ANY REPRODUCTION, COPIED OR Duplicated WITHOUT WRITTEN CONSENT IS UNAUTHORIZED USE OF THIS DOCUMENT. HEREIN THAT SUBJECT SUCH PENALTIES AND DAMAGES.

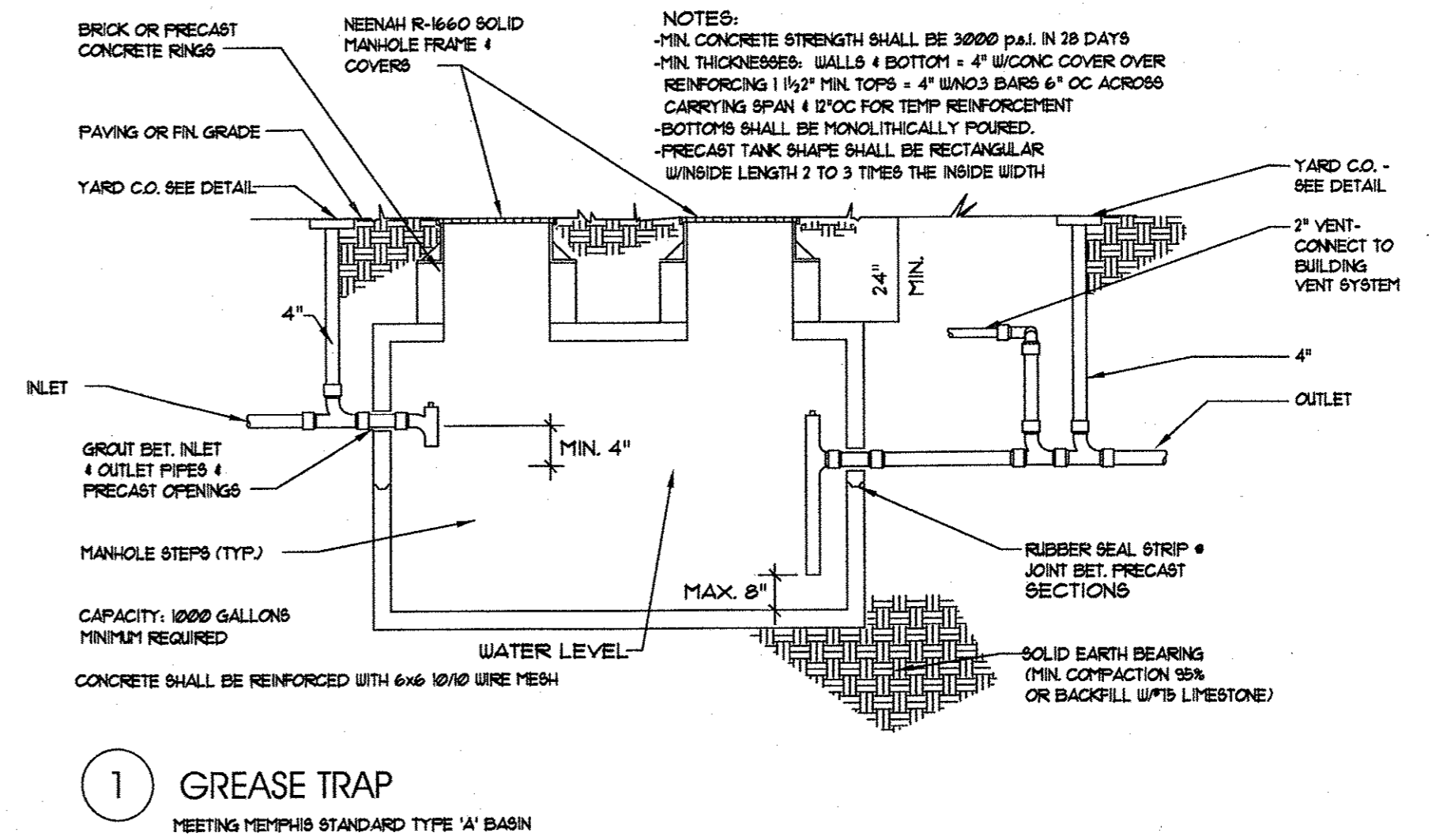
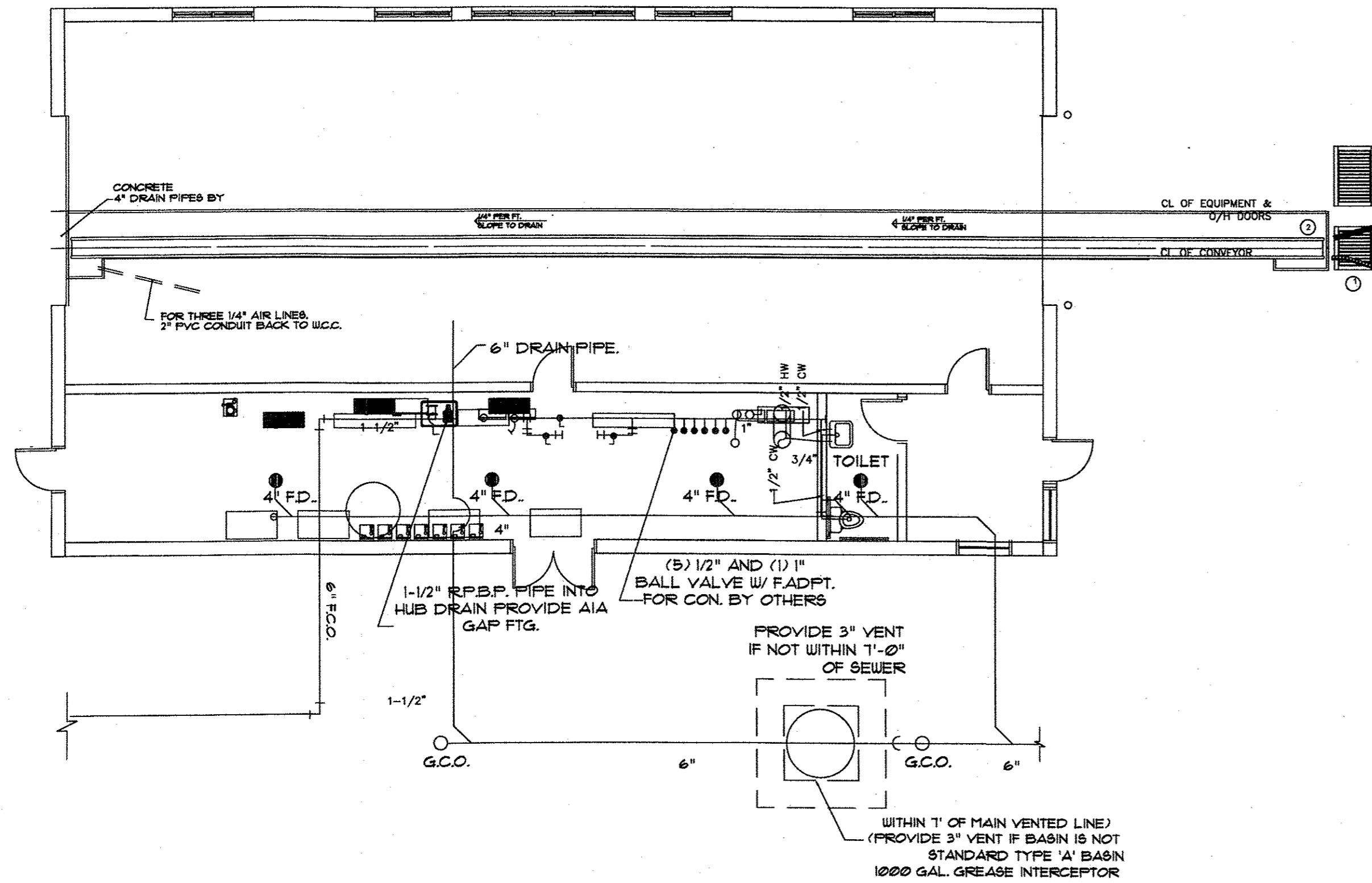


GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
 879 WILLOW TREE CIRCLE, SUITE 114
 CORDOVA, TENNESSEE 38018
 (901) 756-1878

JONESBORO CAR WASH
 SOUTHWEST DRIVE
 JONESBORO, ARKANSAS

NO.	DATE	REVISION

PROJECT NUMBER: _____
 SCALE: AS SHOWN
 SHEET NUMBER: **P.1**
 DATE OF ORIGINAL ISSUE: 12/6/10



1 GREASE TRAP
MEETING MEMPHIS STANDARD TYPE 'A' BASIN

NTS

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM GUY PAYNE & ASSOCIATES ARCHITECTS, P.C. ANY UNAUTHORIZED USE OR ALTERATION OF THIS DOCUMENT IS STRICTLY PROHIBITED. VIOLATION OF THESE TERMS MAY SUBJECT SUCH PARTY TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.

Paula C. Reed
12/15/10

GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	DATE	REVISION

PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
P.2
DATE OF ORIGINAL ISSUE
12/16/10

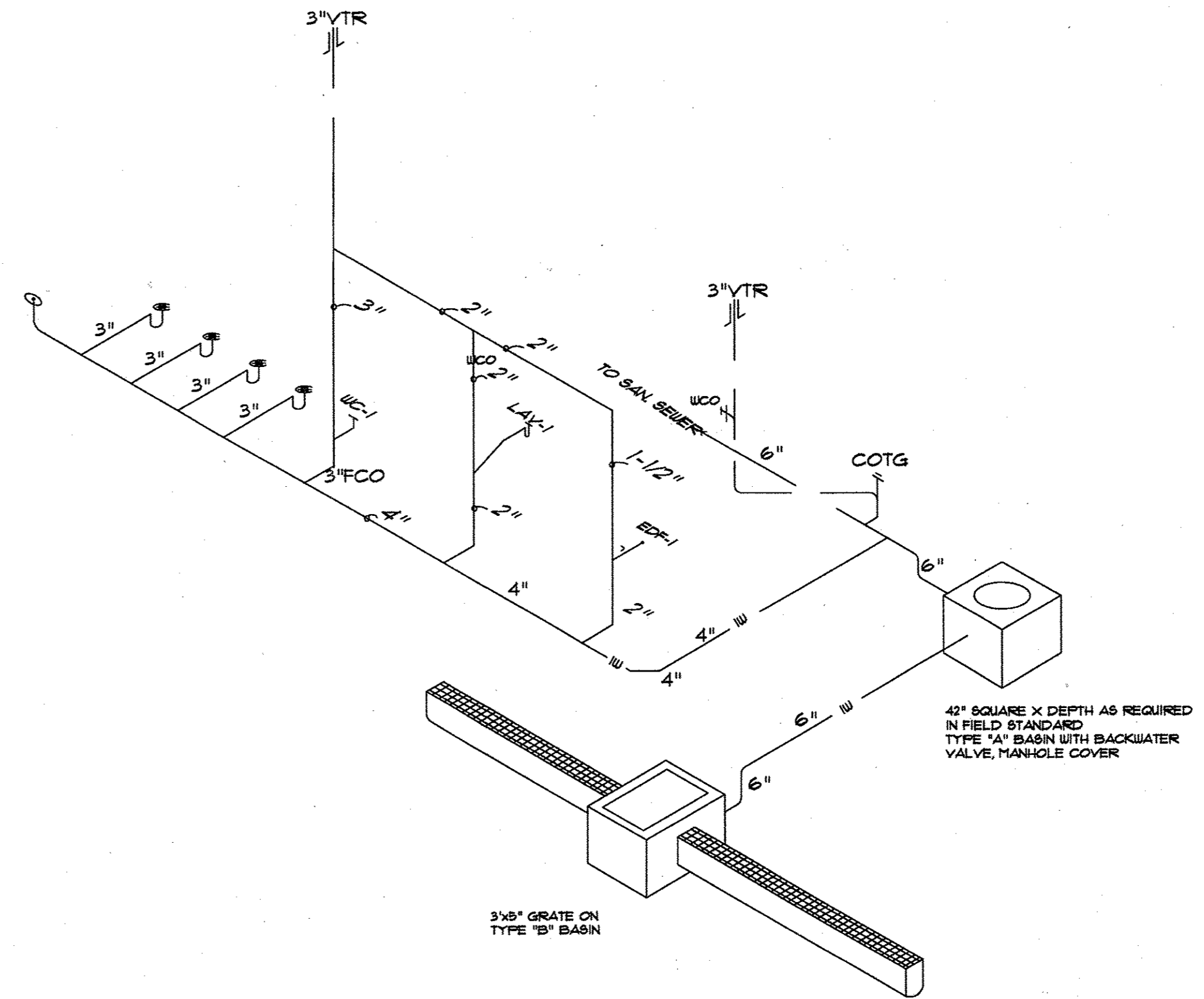
PLUMBING PLAN
SCALE: 1/8"=1'-0"

PIPING SPECIFICATIONS				
SERVICE	PIPING	FITTINGS	VALVES	REMARKS
ABOVE GROUND WATER LINES	COPPER TUBE TYPE K SOFT TEMPER, 250°F @ MAX.	COPPER TYPE K SOLDER FITTINGS	S.E. BRZ. 125° SUP	SILVER SOLDER
UNDERGROUND WATER LINES			S.E. BRZ. 200° SUP	
AIR LINES				
SEWER & VENT LINES	STD. C.I. SOIL B & S	STD. C.I. SOIL B & S		CONTRACTOR SHALL USE PVC SEWER PIPING IN CAR WASH BUILDING ONLY WHERE PERMISSIBLE BY LOCAL CODES.

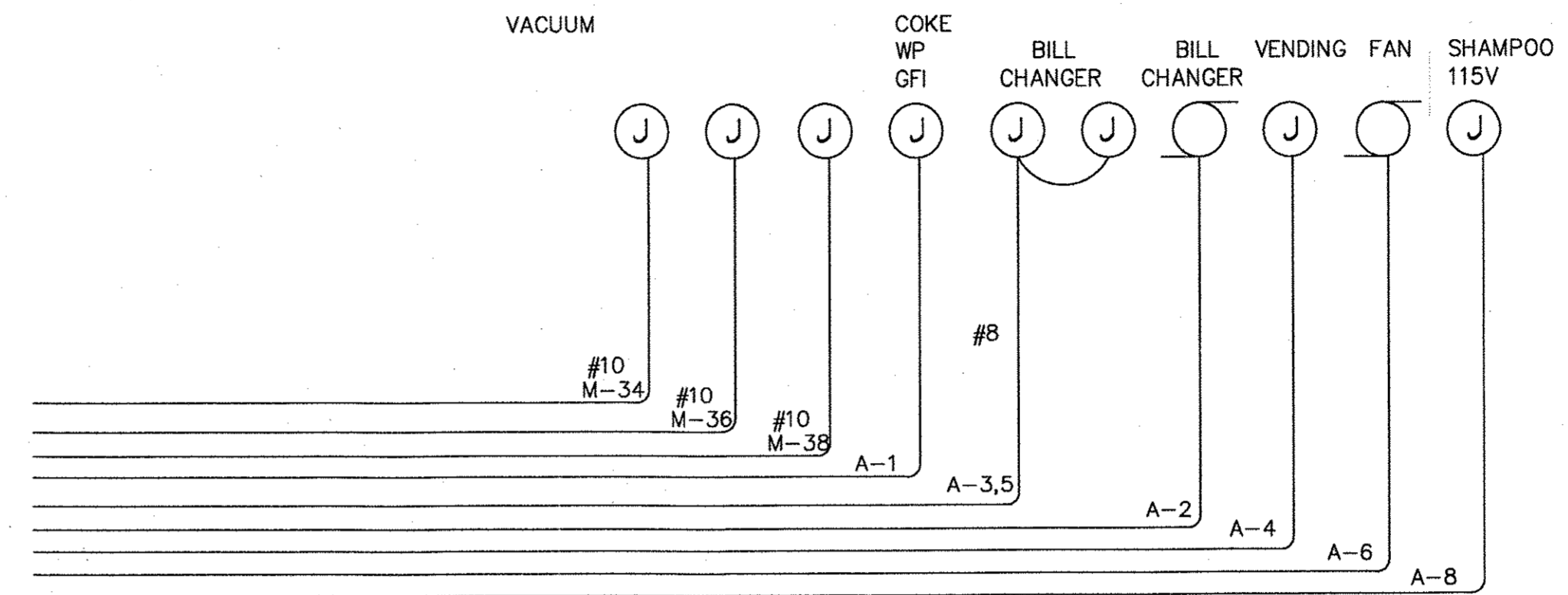
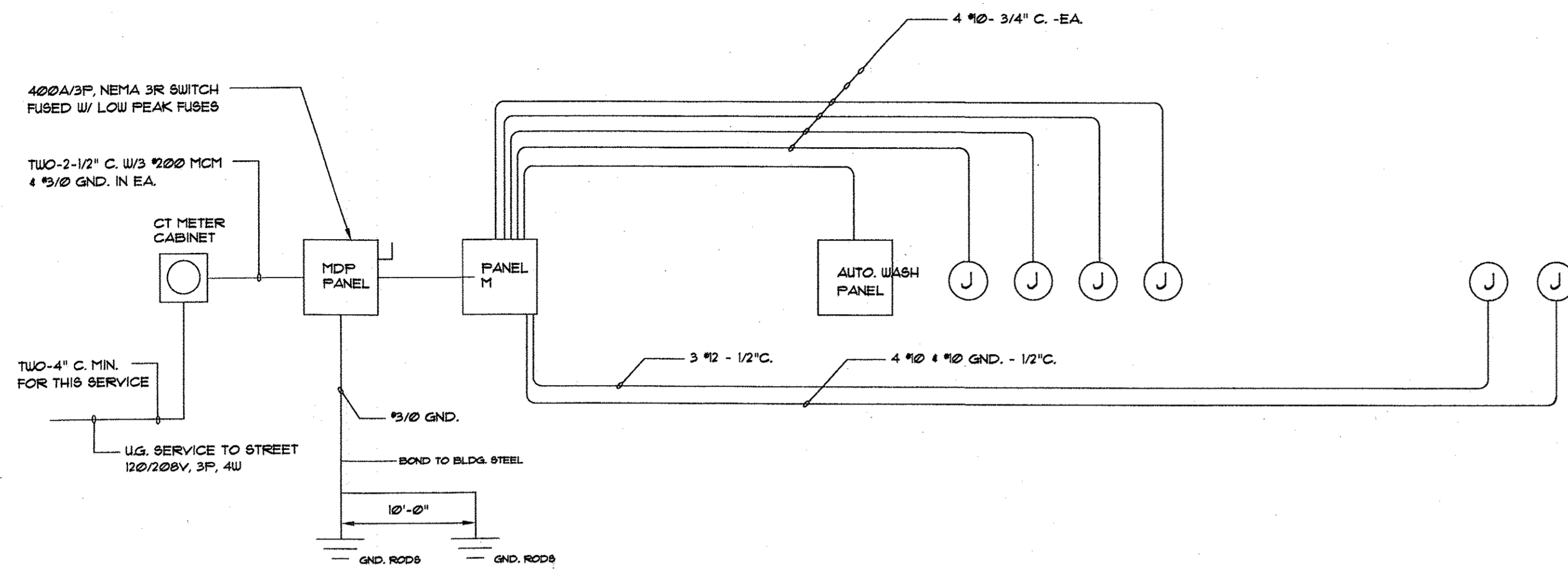
NOTE: WHERE PERMISSIBLE, USE PVC SDR PIPING AND INSTALL IN ACCORDANCE W/ MFG. RECOMMENDATIONS.

PLUMBING FIXTURE SCHEDULE		
ITEM	MANUFACTURER & CATALOG NUMBER	MANUFACTURER & CATALOG NUMBER
FLOOR DRAIN	ZURN TYPE 'B' 5" TOP FOR 3" PIPES 3" C.I. P-TRAP	JOSAM SERIES 'A' 5" TOP FOR 3" PIPES 3" C.I. P-TRAP

- PLUMBING NOTES:**
- NO JOINTS IN COPPER PIPING BELOW CONCRETE SLAB.
 - THE CONTRACTOR SHALL CHECK THE FLOT AND PAVING PLAN FOR DEVIATIONS TO THIS PLAN. ONLY DEVIATIONS LISTED SHALL BE MADE.
 - INSTALL AN INSULATING SLEEVE FOR ALL COPPER LINES WHERE PIPING PROJECTS THROUGH CONCRETE FLOOR SLAB.
 - ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES.
 - PIPING ARRANGEMENT SHOWN IS DIAGRAMATIC INDICATING SIZES, NECESSARY CONNECTIONS AND EQUIPMENT. SEE ARCHITECTURAL DRAWINGS AND CAR WASH MANUFACTURER'S DRAWINGS FOR DIMENSIONS.
 - SEE FOUNDATION PLAN FOR LOCATION OF TRENCH DRAINS, AND RUN PIPING TO STORM SEWER OR SANITARY SEWER IN ACCORDANCE WITH LOCAL PLUMBING CODES.



CAR WASH RISER



1 EQUIPMENT ROOM ELEC. RISER
E1 NTS

EQUIPMENT ROOM NOTES:

- 1 ALL ROUGH-INS SHALL BE ACCORDING TO EQUIPMENT VENDORS APPROVED SHOP DRAWINGS.
- 2 CONTACT VENDOR FOR PROPER PHASING OF EQUIPMENT.
- 3 MOUNT MAIN SWITCH AND METER AT LOCATIONS AS DIRECTED BY OWNER.
- 4 ALL WORK SHALL CONFORM TO 1996 NEC AND LOCAL CODES.
- 5 ALL WIRING SHALL BE IN CONDUIT USING #12 MINIMUM COPPER WIRE TYPE THWN. ALL CONDUITS SHALL HAVE GROUND WIRE.
- 6 INCLUDE COST OF UNDERGROUND SERVICE IN BID.

PANEL M SCHEDULE						22,000 AIC		
400 A MLO SQ.D. NQOD - BOLT, 120/208V, 3PH, 4W 42 POLE								
CKT NO.	AMP	POLE	SERVICE	SERVICE	CKT NO.	AMP	POLE	
1	125	3	WASH PANEL	CARBON BACKWASH UNIT	2	20	3	
3	-	-			4	-	-	
5	-	-			6	-	-	
7	30	3	RO SYSTEM	BILL CHANGER	8	20	1	
9	-	-		SITE LIGHTS	10	20	1	
11	-	-		LIGHTS	12	20	1	
13	20	1	ACW	LIGHTS	14	20	1	
15	20	1	VAC	LIGHTS	16	20	1	
17	20	1	VAC	SPARE	18	20	1	
19	20	1	AIR COMPRESSOR	DRIP CONTROLLER	20	20	1	
21	20	1	AIR COMPRESSOR	CARBON BACKWASH	22	20	1	
23	20	1	BRINE TANK	SPARE	24			
25	20	1	SPARE	SPARE	26			
27					28			
29					30			
31					32			
33					34			
35					36			

PANEL SCHEDULE NOTES:

- 1 USE GROUND-FAULT INTERRUPTING BREAKER, Q0B120GFI
- 2 BREAKER PANEL MUST BE GROUNDED WITH SEPARATE GROUND ELECTRODE PER LATEST REVISION OF NEC 250-24-A
- 3 SHORT CIRCUIT RATING OF SYSTEM TO BE VERIFIED WITH LOCAL UTILITY.
- 4 FIELD VERIFY CIRCUIT SIZE REQUIRED.

CAR WASH EQUIPMENT SCHEDULE			
PK	QTY	DESCRIPTION	REMARKS
CU1	2	WATER SOFTENER	McNeil
CU2	2	AIR COMPRESSOR	McNeil
CU3	1	FLOOR HEATER	McNeil
CU4	1	R. O. UNIT	McNeil
CU5	1	AUTO. PUMP UNIT INCLUDES HYDR. FUR. PACK	McNeil
CU6	1	DRIP CONTROLLER	McNeil
CU7	1	BRINE TANK	McNeil
CU8	1	CARBON BACKWASH	McNeil
CU9	1	BILL CHANGER	McNeil
CU10	4	VACUUMS	McNeil

THESE DRAWINGS AND SPECIFICATIONS ARE OWNED AND COPYRIGHTED BY GUY PAYNE & ASSOCIATES, P.C. NO PART OF THESE DRAWINGS OR SPECIFICATIONS SHALL BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF GUY PAYNE & ASSOCIATES, P.C. ANY VIOLATION OF THESE TERMS SHALL BE SUBJECT TO CRIMINAL AND CIVIL PENALTIES AND DAMAGES.

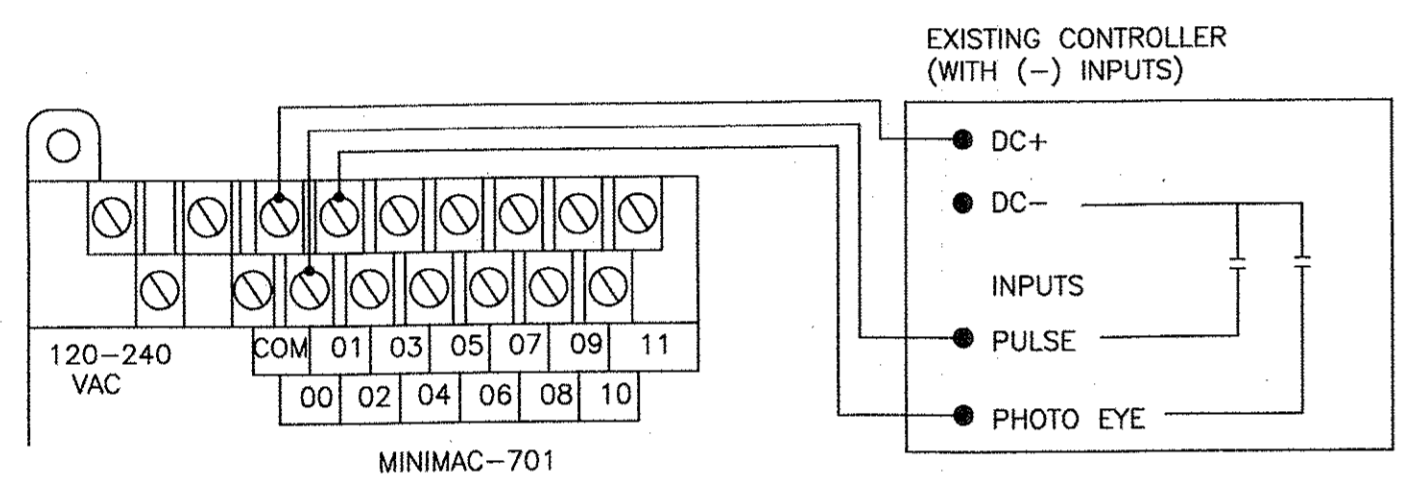
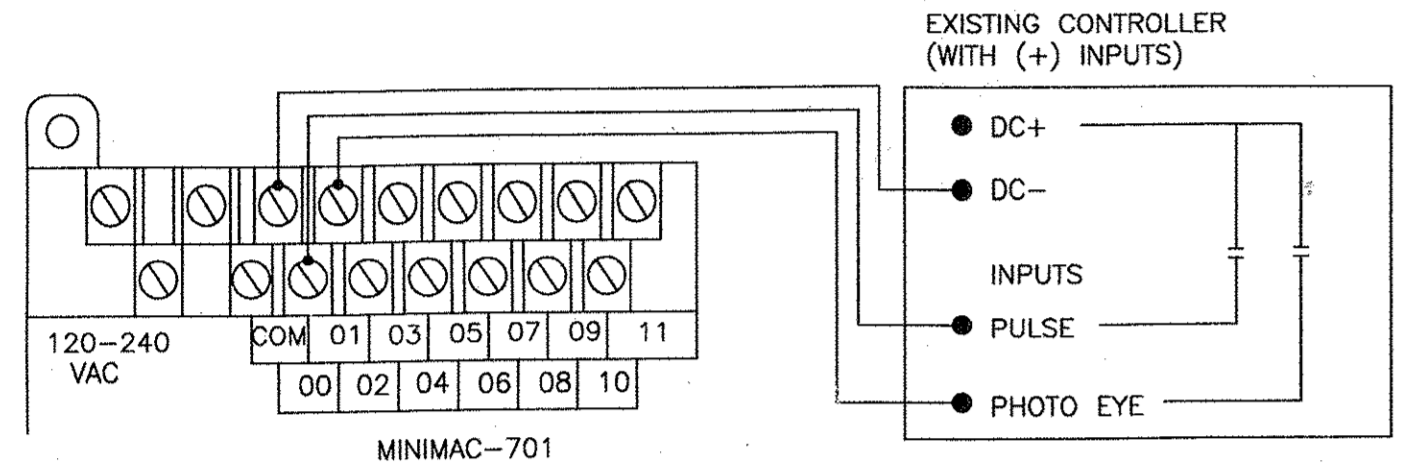
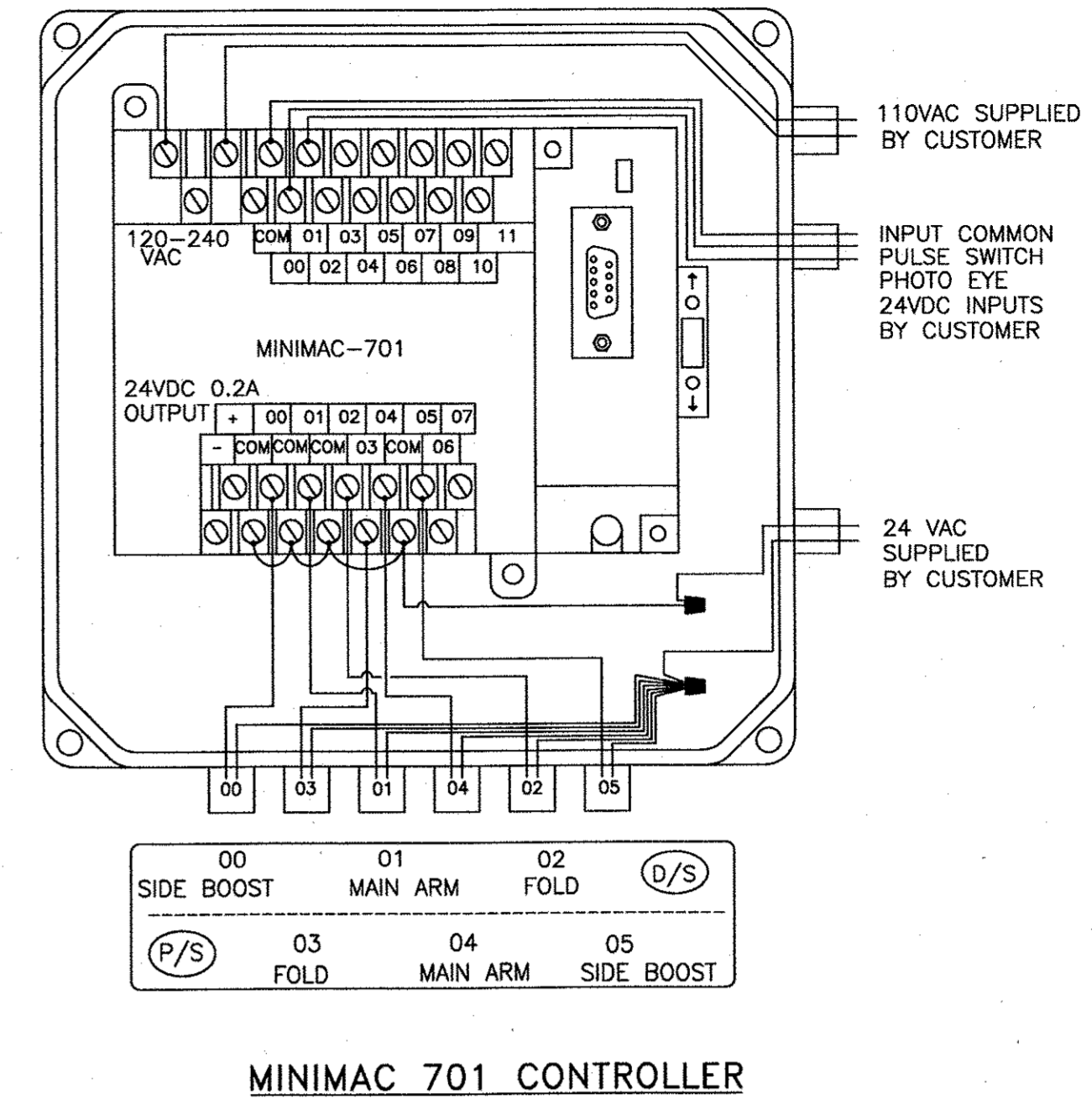
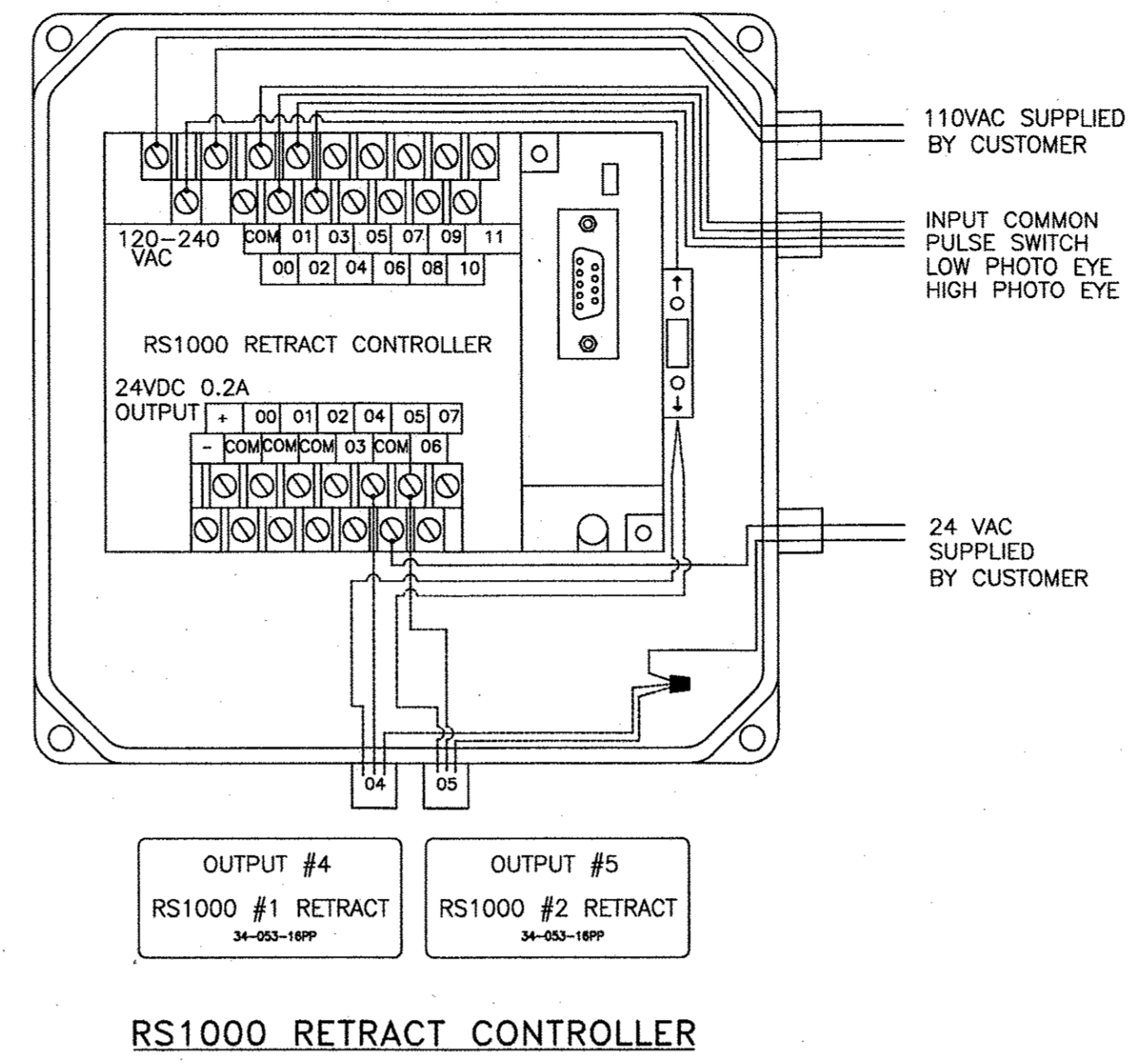
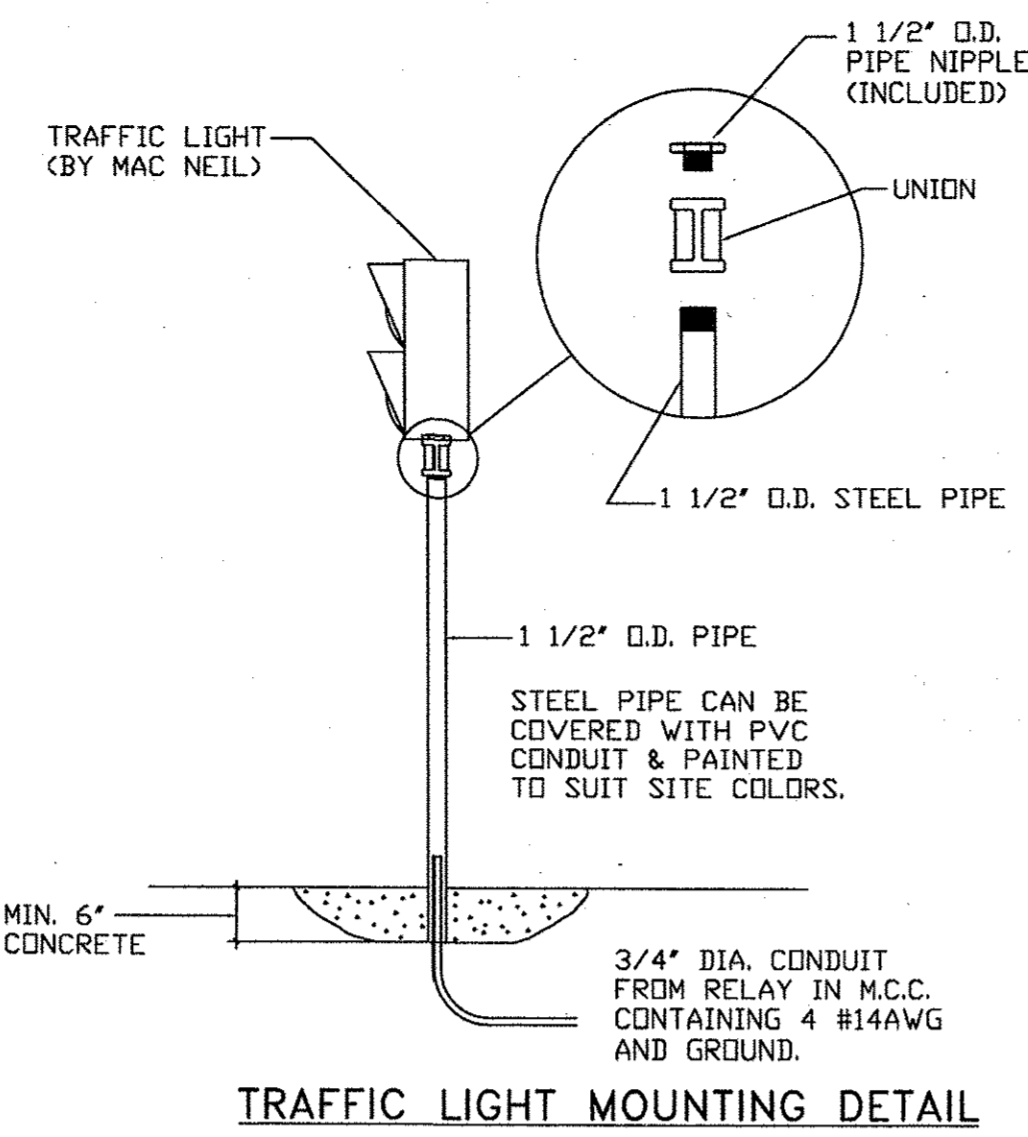
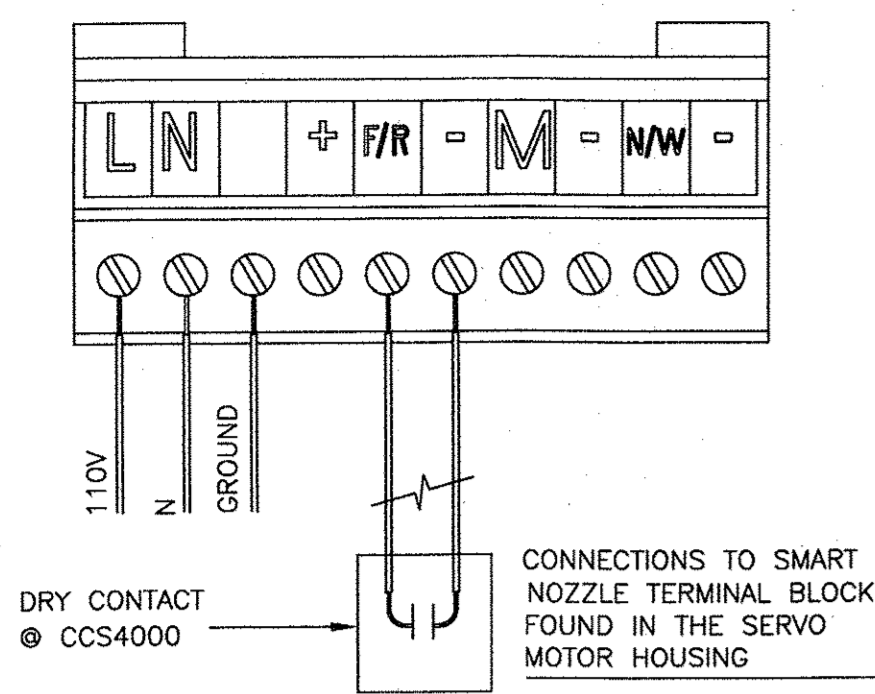


GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

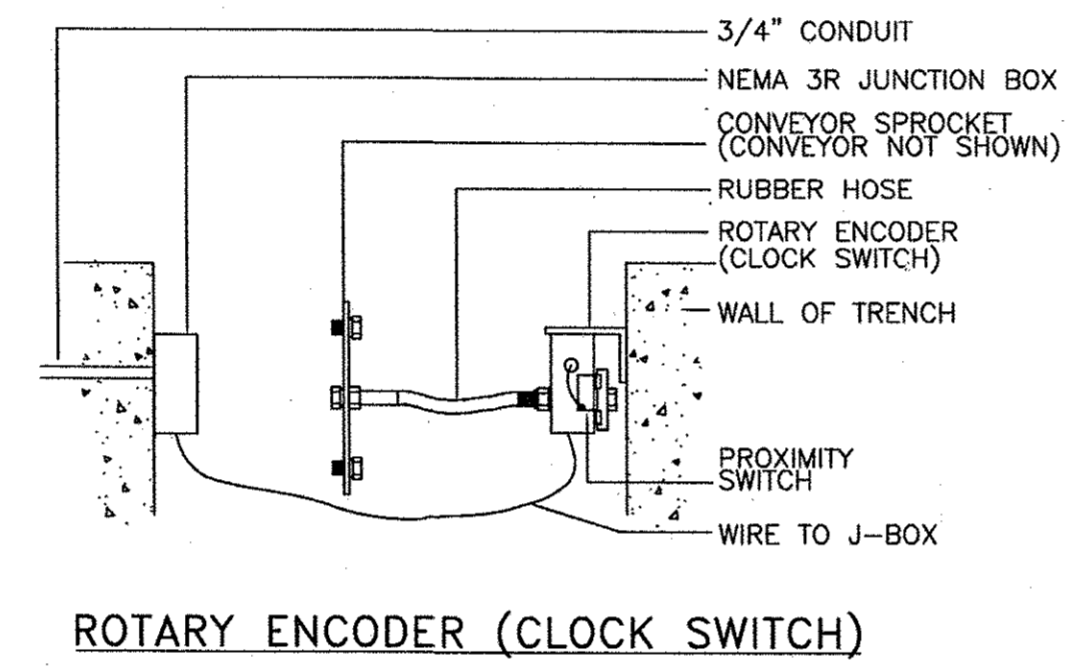
JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	DATE	REVISION

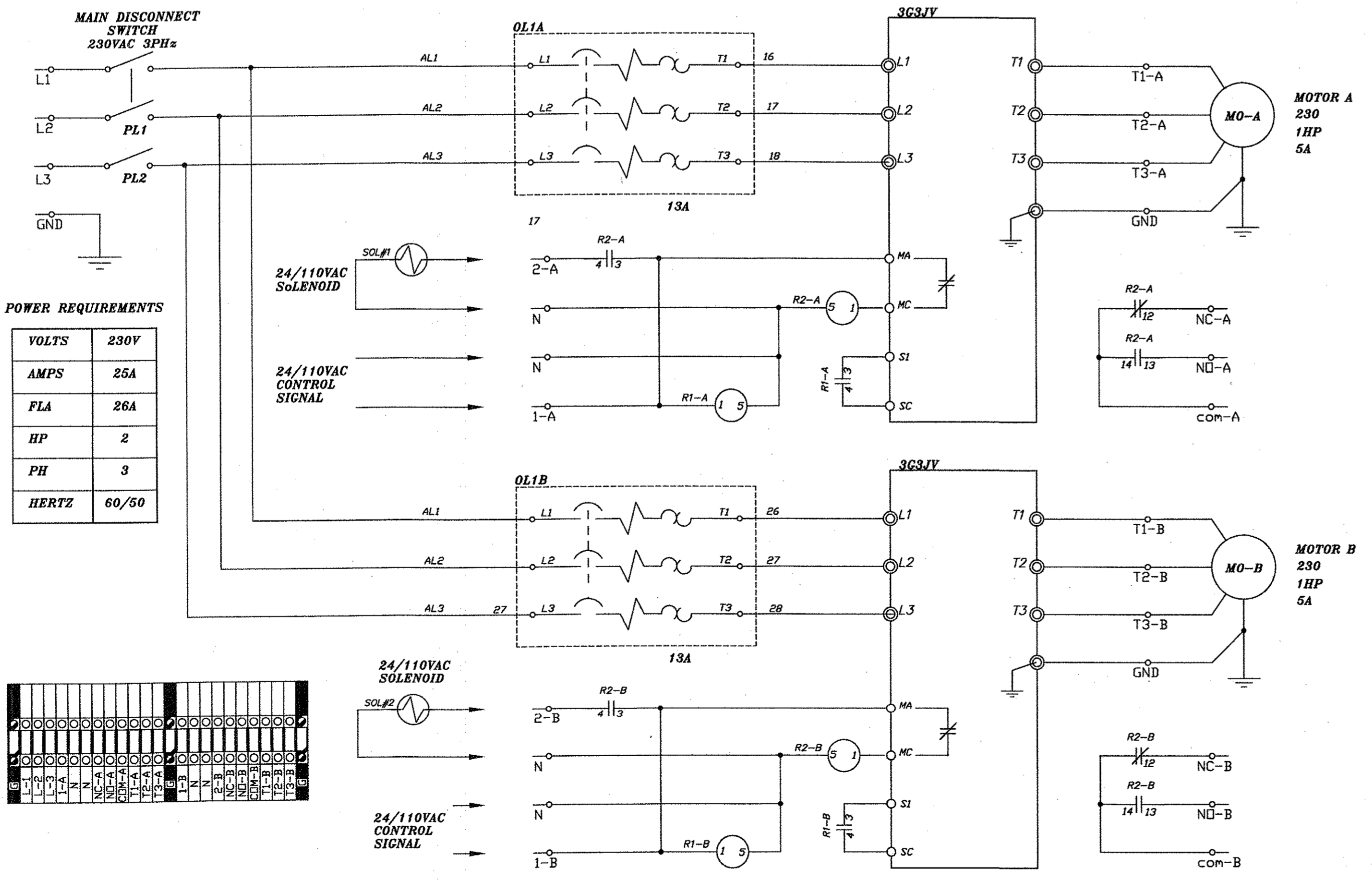
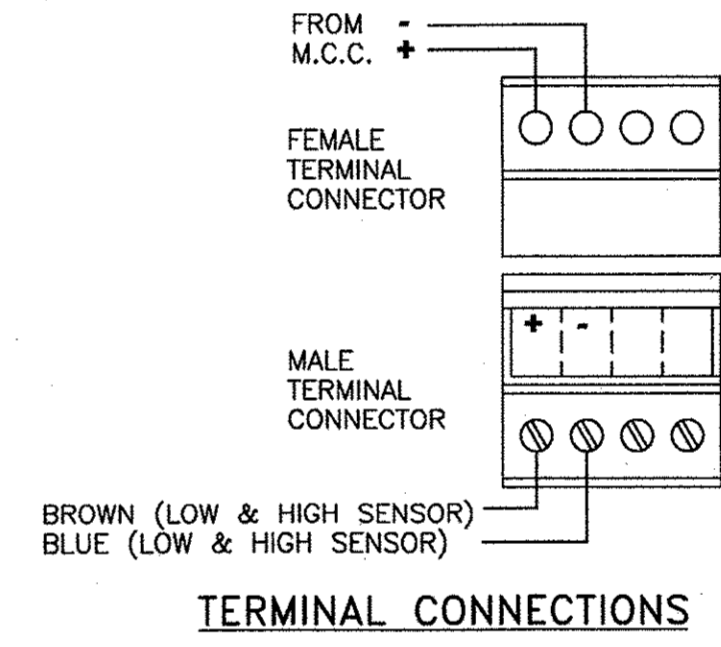
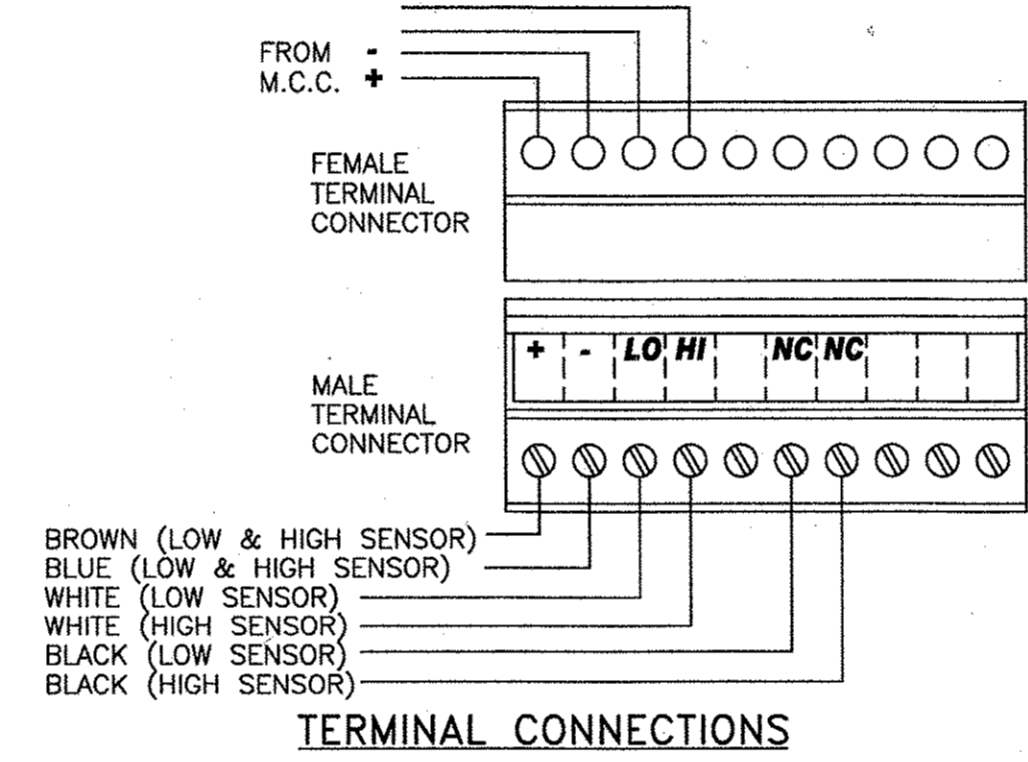
PROJECT NUMBER
SCALE
AS SHOWN
SHEET NUMBER
E.1
DATE OF ORIGINAL ISSUE
12/16/10



SHARED INPUTS

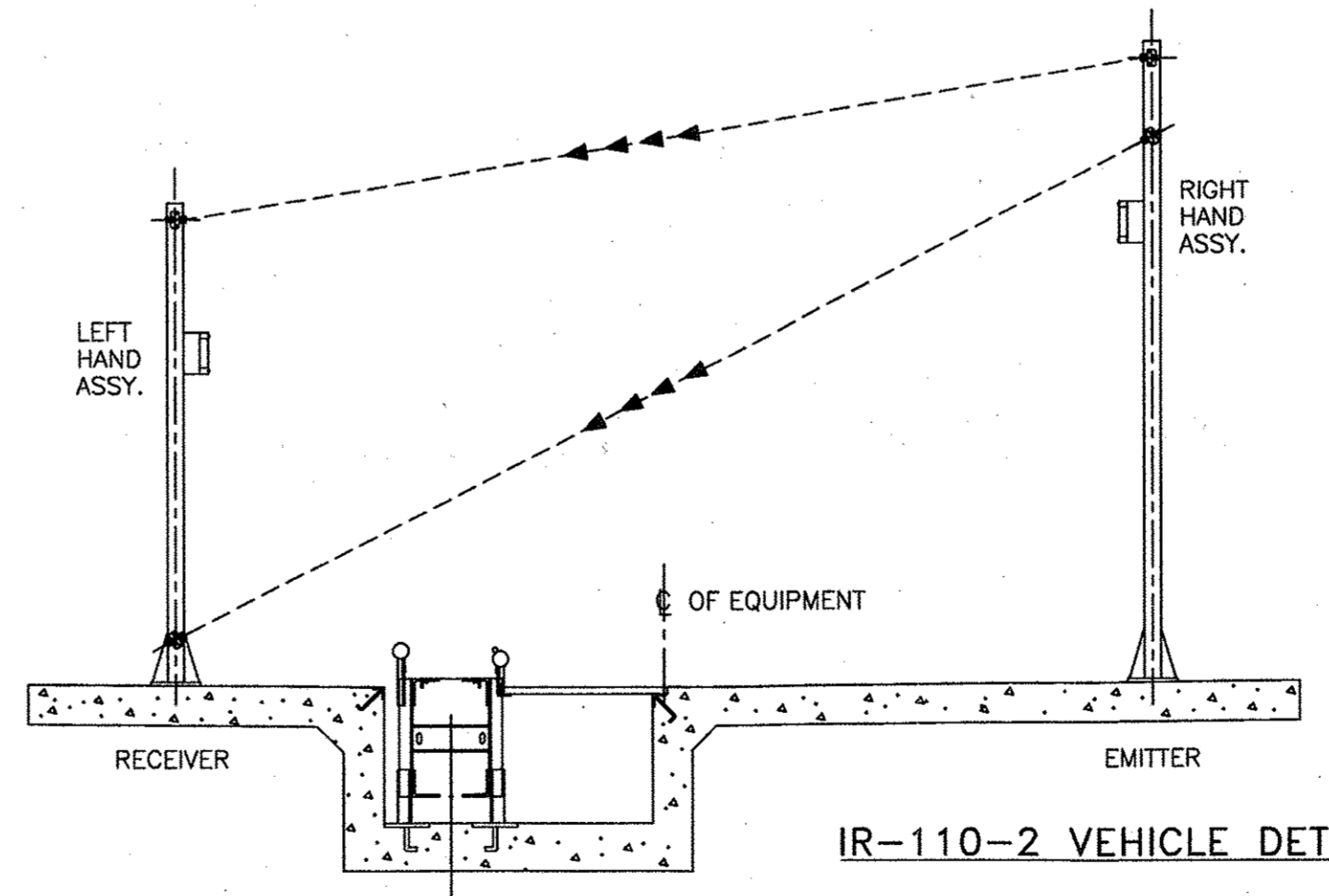


ELECTRICIAN IS TO SUPPLY NEMA 3R J-BOX AND CONNECT WIRE SUPPLIED WITH CLOCK SWITCH TO 2 #18AWG AND RUN BACK TO MCC IN 3/4" UNDERGROUND CONDUIT.



POWER REQUIREMENTS

VOLTS	230V
AMPS	25A
FLA	26A
HP	2
PH	3
HERTZ	60/50



NOTES:
SUPPLY VOLTAGE 10V TO 30V DC
SUPPLY CURRENT - EMITTER - 25mA
SUPPLY CURRENT - RECEIVER - 20 mA

SENSOR INDICATORS
THERE ARE TWO LEDs ON EACH SENSOR ONE GREEN & ONE YELLOW.
GREEN GLOWING STEADILY INDICATES POWER TO SENSOR IS "ON"
GREEN FLASHING INDICATES OUTPUT IS OVERLOADED.
YELLOW GLOWING STEADILY INDICATES NORMALLY OPEN OUTPUT IS CONDUCTING.
YELLOW FLASHING INDICATES EXCESS GAIN MARGINAL (1-1.5X) IN LIGHT CONDITION.
OPERATING TEMPERATURE: -40°C TO +70°C
OPERATING HUMIDITY: 90% AT 50°C (NON CONDENSING)

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF GUY PAYNE & ASSOCIATES ARCHITECTS AND SHALL NOT BE REPRODUCED, COPIED, OR PUBLISHED WITHOUT PRIOR WRITTEN PERMISSION FROM GUY PAYNE & ASSOCIATES ARCHITECTS. ANY UNAUTHORIZED REPRODUCTION OR USE OF THESE DRAWINGS OR SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF GUY PAYNE & ASSOCIATES ARCHITECTS IS PROHIBITED. THESE DRAWINGS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



GUY PAYNE & ASSOCIATES ARCHITECTS, P.C.
879 WILLOW TREE CIRCLE, SUITE 114
CORDOVA, TENNESSEE 38018
(901) 756-1878

JONESBORO CAR WASH
SOUTHWEST DRIVE
JONESBORO, ARKANSAS

NO.	DATE	REVISION