

STRUCTURE LOCATION TABLE		
STRUCTURE	STATION	LOCATION
MH 1	0+37	37' LEFT
MH 2	0+76	18' LEFT
MH 3	2+43	20' LEFT
MH 4	3+99	30' LEFT
WET WELL	0+46	56' LEFT
VALVE VAULT	0+56	50' LEFT
EMERGENCY CONNECTION VAULT	0+68	46' LEFT

LIMITS OF S.H.A. CONTRACT
 N^o HO-202-508-770
 (RELOCATION AT DORSEY RUN ROAD)

Henkel's Inc.
 8955 Henkel's Lane
 Annapolis Junction, Maryland 20701
 Tax Map 48, Grid 20, Parcel 45.
 Area 10.713 acres.
 Tax Account No. 06-000-429904
 Deed Reference 1031-0062 6/86
 FRONT FOOTAGE 1064 feet

Jack Gottlieb
 8191 MD Route 32
 Annapolis Junction, Maryland 20701
 Tax Map 48, Grid 20, Parcel 137-A
 Area 5.765 acres.
 Tax Account No. 06-000-403344
 Deed Reference 348-0455 6/86
 FRONT FOOTAGE 854.8 feet

Furman Lumber, Inc.
 8900 Henkel's Lane
 PO Box 177
 Annapolis Junction, MD 20701
 Tax Map 48, Grid 20, Parcel 137-B.
 Area 6.141 acres.
 Tax Account No. 06-000-403085
 Deed Reference 1286-0726 9/26/84 (1)
 1250-0634 5/15/84 (9)
 FRONT FOOTAGE 2143 feet

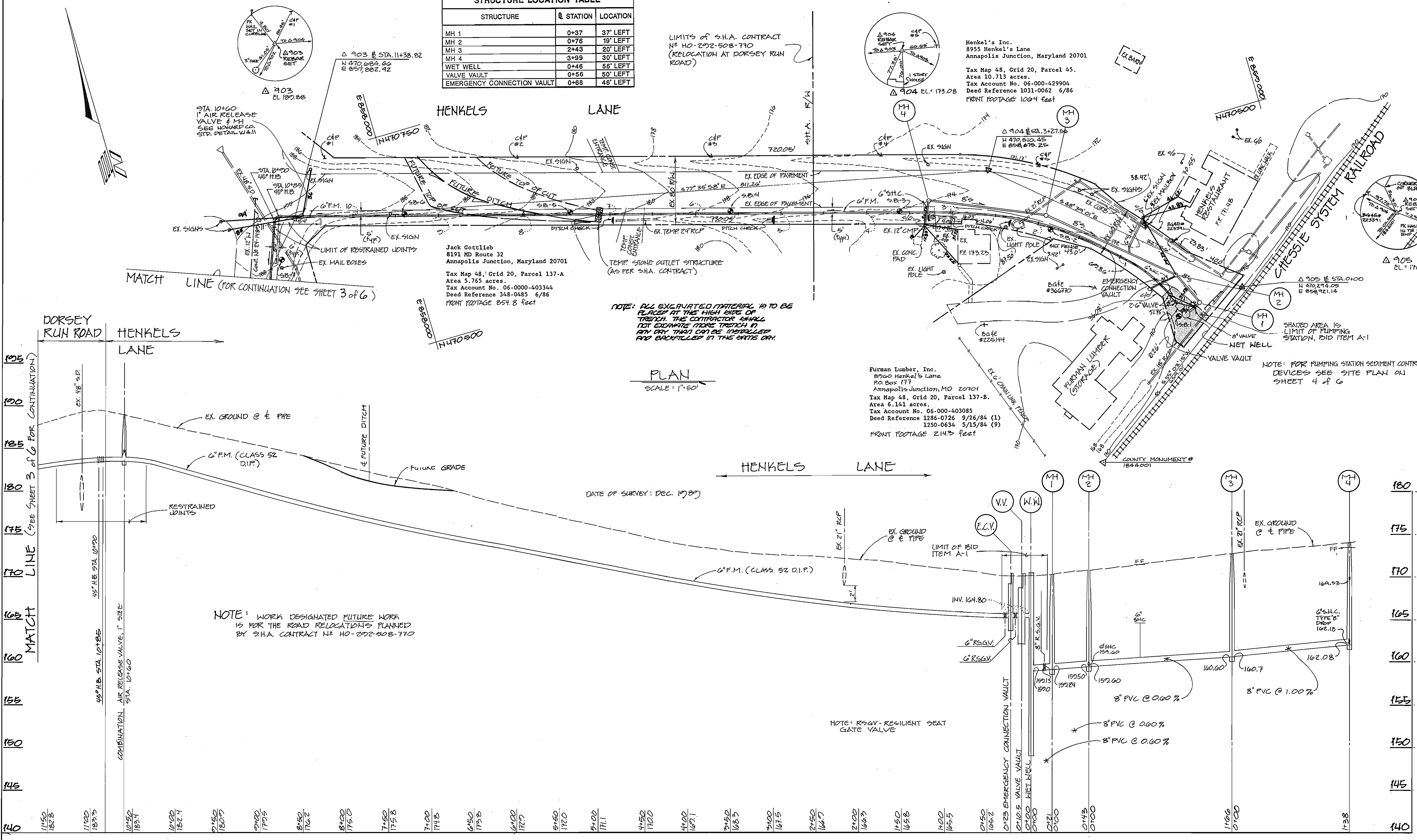
NOTE: ALL EXCAVATED MATERIAL IS TO BE
 PLACED AT THE HIGH SIDE OF
 TRENCH. THIS CONTRACTOR SHALL
 NOT EXCAVATE UNDER TRENCH IN
 ANY WAY THAT CAN BE INSTALLED
 AND BACKFILLED IN THE DATE ON.

PLAN
 SCALE: 1"=50'

DATE OF SURVEY: DEC. 1989

NOTE: WORK DESIGNATED FUTURE WORK
 IS FOR THE ROAD RELOCATIONS PLANNED
 BY S.H.A. CONTRACT N^o HO-202-508-770

NOTE: RSGV - RESILIENT SEAT
 GATE VALVE



PROFILE
 SCALE: HORIZ. 1"=50'
 VERT. 1"=5'

THIS DRAWING IS FOR THE CONSTRUCTION OF
 SANITARY FORCE MAIN AND GRAVITY SEWER ONLY

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James M. ... 6/6/90
 DIRECTOR OF PUBLIC WORKS DATE

... 5-31-90
 CHIEF, BUREAU OF UTILITIES DATE

... 5-23-90
 CHIEF, UTILITY DESIGN DIVISION DATE

Dewberry & Davis
 ARCHITECTS • ENGINEERS • PLANNERS • SURVEYORS
 200 Harry S. Truman Parkway, Annapolis, Maryland 21401
 811 Arlington Boulevard, Fairfax, Virginia 22030

... 5/16/90
 PROFESSIONAL SEAL

DES:	
DRN:	
CHK:	
DATE:	
BY:	
NO.	
REVISION	
DATE	

COLLECTION SYSTEM, PLAN & PROFILE

600' SCALE MAP NO. 48 BLOCK NO. 12

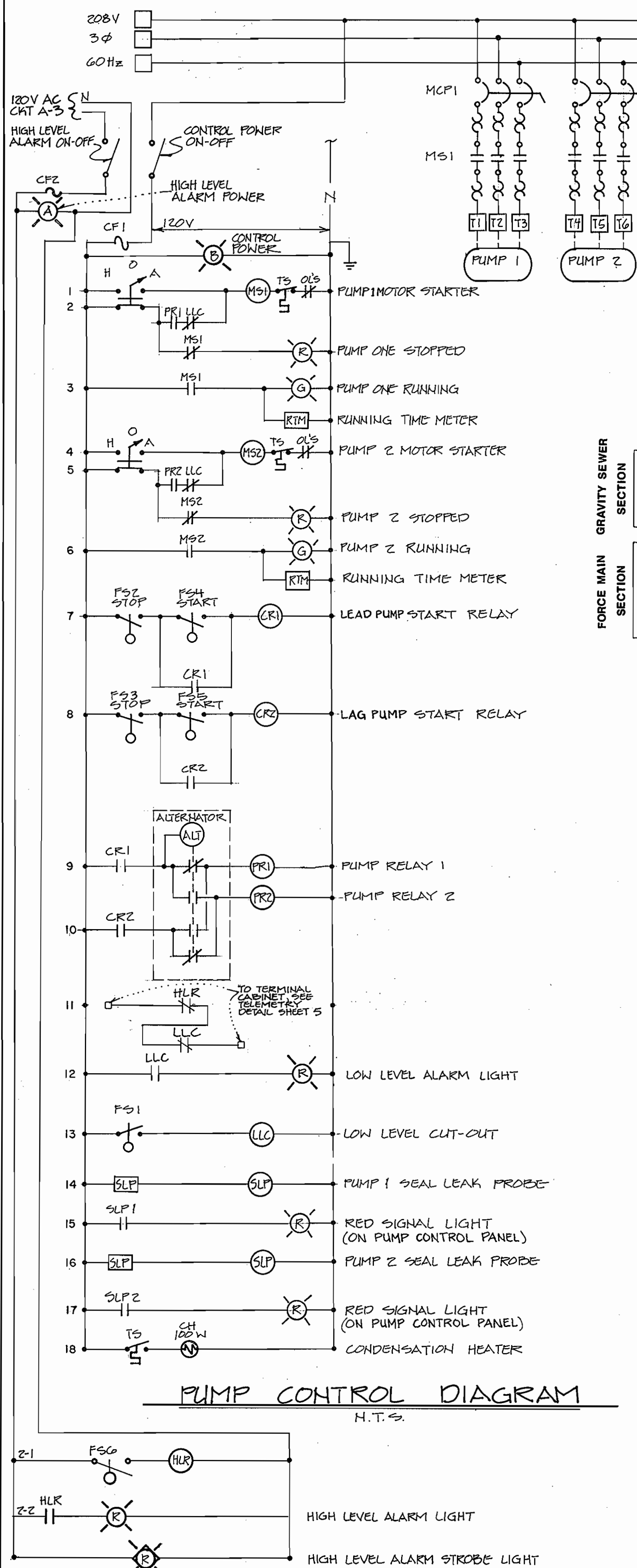
**ANNAPOLIS JUNCTION
 COLLECTION SYSTEM**

CAPITAL PROJECT: S-6158 CONTRACT NO.: 20-3015

ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 2 OF 6



PUMP CONTROL DIAGRAM LEGEND

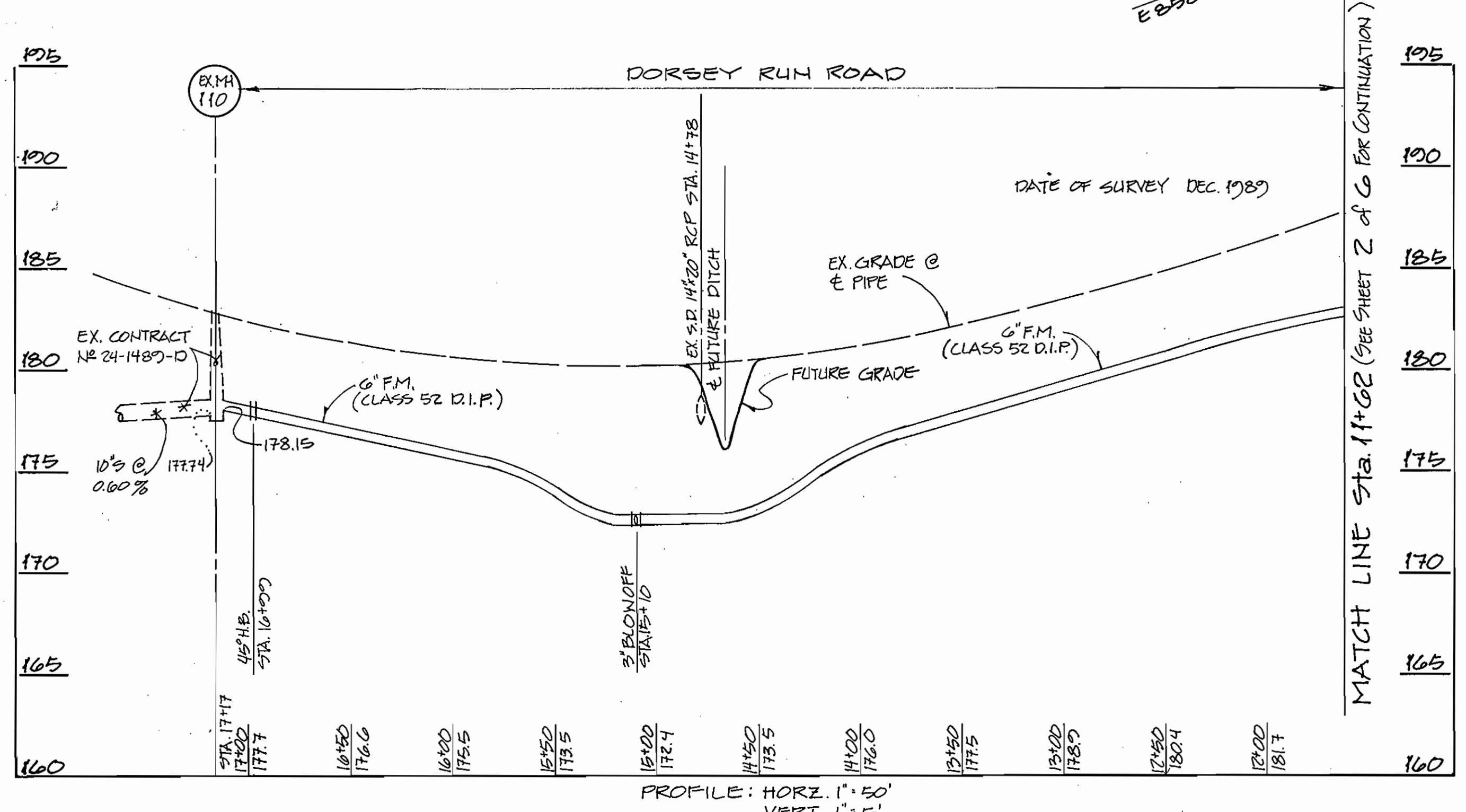
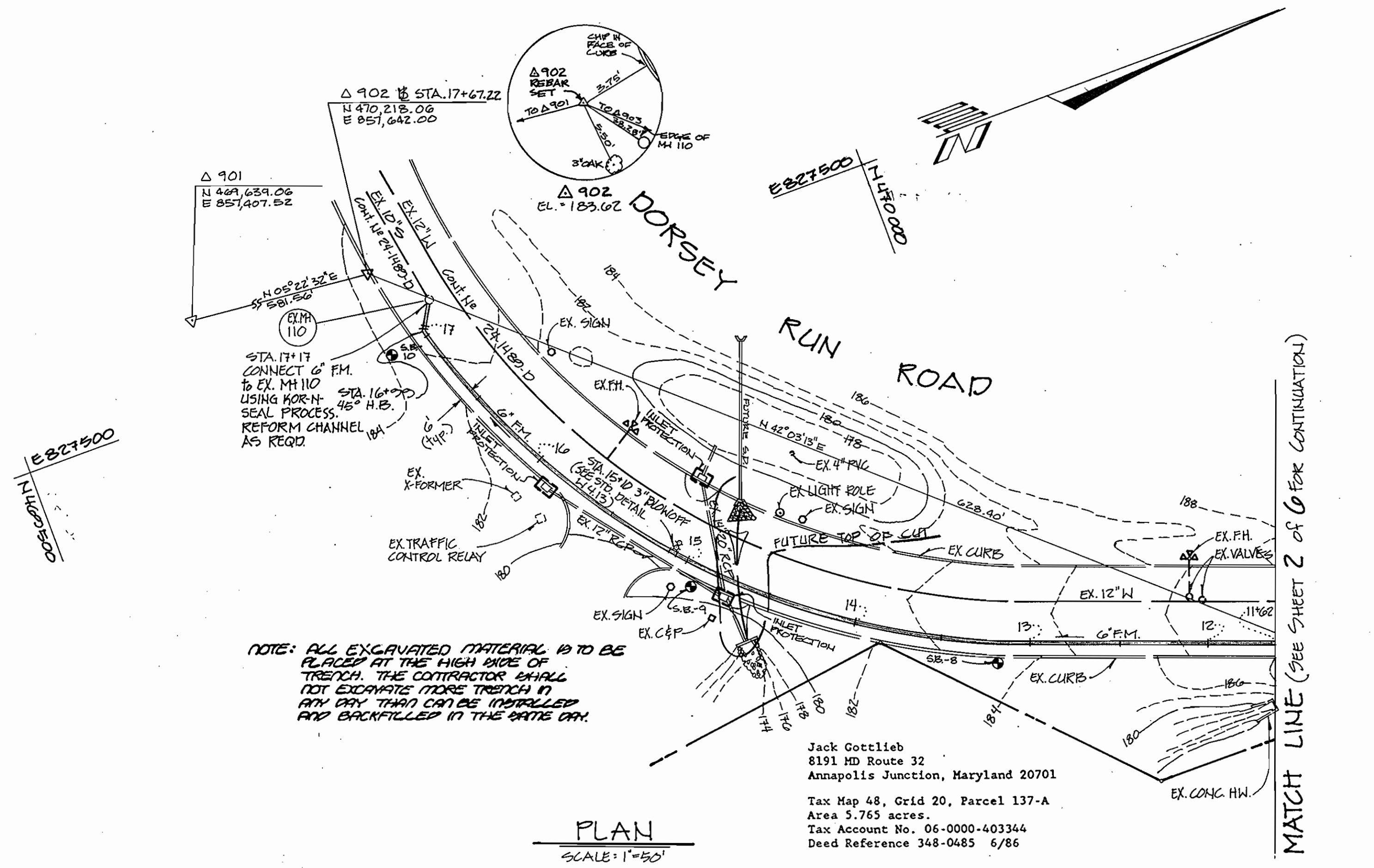
- MCB MAIN CIRCUIT BREAKER
- MCP MAIN CIRCUIT PROTECTOR
- CF CIRCUIT FUSE
- OL OVER LOAD
- MS MOTOR STARTER
- FR FUSE RELAY
- LLC LOW LEVEL CUTOUT
- TS TEMPERATURE SWITCH
- CR CONTROL RELAY
- SLP SEAL LEAK PROBE
- T TERMINAL
- HK HIGH LEVEL HORN
- FS FLOAT SWITCH
- H HAND
- O OFF
- A AUTOMATIC
- HLR HIGH LEVEL RELAY

RESTORATION SCHEDULE

PIPE SCHEDULE	MATERIAL
WET WELL to STA. 0+15	COMPACTED FILL & TEXAS WHITE STONE
STA. 0+15 to MH 1	" " & PERMANENT REPAVING
MH 1 to MH 2	" " " " " "
MH 2 to MH 3	" " " " " "
MH 3 to MH 4	" " " " " "
WET WELL to STA. 0+45	COMPACTED FILL & TEXAS WHITE STONE
STA. 0+45 to STA. 1+15	" " & PERMANENT REPAVING
STA. 1+15 to STA. 3+02	" " & SEEDING
STA. 3+02 to STA. 3+20	" " & PERMANENT REPAVING
STA. 3+20 to STA. 10+75	" " & SEED
STA. 3+75 to EX. MH 110	" " & PERMANENT REPAVING

FORCE MAIN LOCATION TABLE

FORCE MAIN STATION	STATION	LOCATION
0+00	WET WELL	0+46' 50' LT.
1+00		1+45' 27' LT.
2+00		2+48' 32' LT.
3+00		3+73' 46' LT.
4+00		4+73' 30' LT.
5+00		5+73' 33' LT.
6+00		6+73' 27' LT.
7+00		7+72' 20' LT.
8+00		8+72' 14' LT.
9+00		9+72' 8' LT.
10+00		10+71' 2' LT.
10+00		11+31' 2' RT.
10+85 - 45° H.B.		11+46' 10' RT.
10+00 - 45° H.B.		11+51' 21' RT.
11+00		11+50' 18' RT.
12+00		12+51' 20' LT.
13+00		13+44' 57' LT.
14+00		14+30' 82' LT.
15+00		15+40' 84' LT.
15+10 - 6"x4" TEE (BLOWOFF)		15+40' 83' LT.
16+00		16+30' 62' LT.
16+00 - 45° H.B.		17+26' 10' LT.
17+00		17+27' 18' LT.
17+17 - EX. MH 110		17+30' 1' LT.



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James M. ... 5-31-90
DIRECTOR OF PUBLIC WORKS DATE

William B. ... 5-23-90
CHIEF, BUREAU OF ENGINEERING DATE

Cliff ... 5-16-90
CHIEF, UTILITY DESIGN DIVISION DATE

Dewberry & Davis
ARCHITECTS • ENGINEERS • PLANNERS • SURVEYORS
200 Harry S. Truman Parkway, Annapolis, Maryland 21401
8411 Arlington Boulevard, Fairfax, Virginia 22030

Brunell ... 5-16-90

DES:	
DRN:	
CHK:	
DATE:	
BY:	
NO.:	
REVISION:	
DATE:	

COLLECTION SYSTEM, PLAN & PROFILE,
PUMP CONTROL DIAGRAM

600' SCALE MAP NO. 42 BLOCK NO. 12

ANNAPOLIS JUNCTION COLLECTION SYSTEM

CAPITAL PROJECT: S-6158 CONTRACT NO.: 20-3015

ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 3 OF 6

AS-BUILT 5-17-91

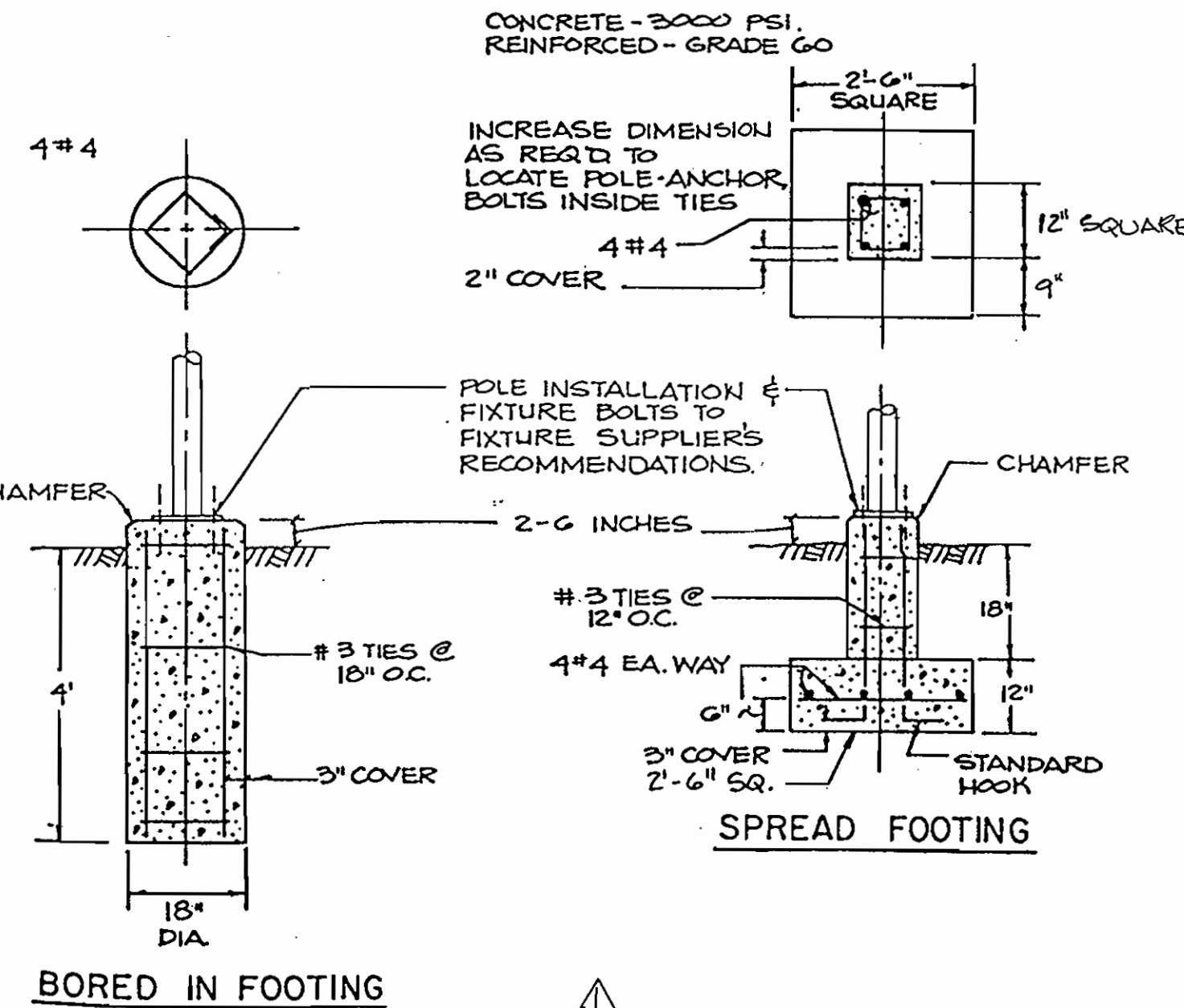
LIGHTING FIXTURE SCHEDULE

FIXT. TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS		VOLTS	MOUNTING	REMARKS
			NO.	TYPE			
△	BENJAMIN	7634	1	150W A-23	120	WALL	EXPLOSION PROOF
△	GENERAL ELECTRIC	PM-118-C82DN804	1	150W HPS	120	POLE	PROVIDE PHOTOELECTRIC CONTROL & POLE #C82CH23X
△	GUTH	PL4-2FA0-1-0	3	60W FLUO	120	CEILING SURFACE	LOW AMBIENT
△	HOLOPHANE	W/P-1-A-150IN-12-B2	1	150W INC.	120	WALL	

PANEL SCHEDULE

LOAD	WIRE	CKT. BRKR.	CKT. NO.	CKT. NO.	CKT. BRKR.	WIRE	LOAD
PUMP CONTROL PANEL	#4 G	20/3	1	2	20/1	#12	YARD LIGHT
	#6	60		4	20/1	#12	VALVE VAULT & MH LIGHTS
HIGH LEVEL ALARM	#14	15/1	3	6	20/1	#12	TELEMETRY CABINET
RECEPTACLE FANS SPACES	#12	20GFI	4	108-30	-	-	PANEL ENCL. SPACES
	#12	20/1	5	7	20/1	12	DAY TANK
			8	8	20/1	12	WATER JACKET HEATER

PANEL A - 208/120V - 3φ - 4W SURFACE MOUNT CIRCUIT BREAKER, LOAD CENTER, 100 BUS MAINS, 30 POLE SPACE, 22,000 A.I.C. RATING NEMA 3R1

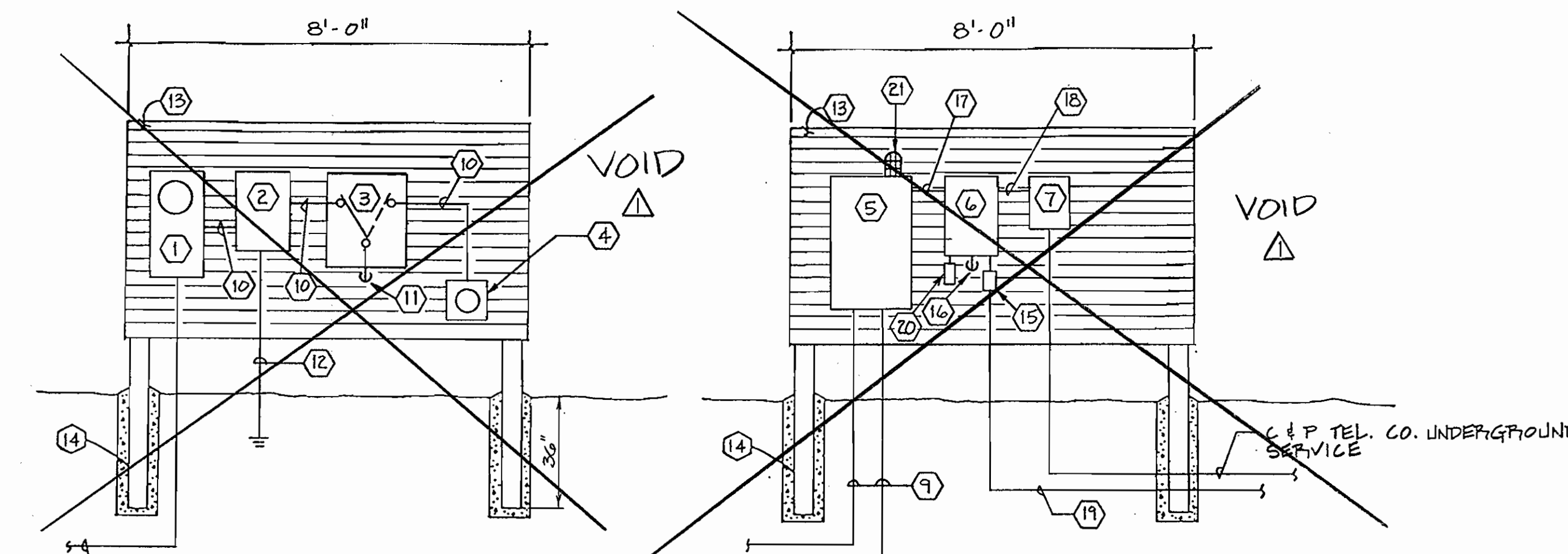


BORED IN FOOTING
FOOTINGS - 8 FIXTURE
SCALE: 1/2" = 1'-0"

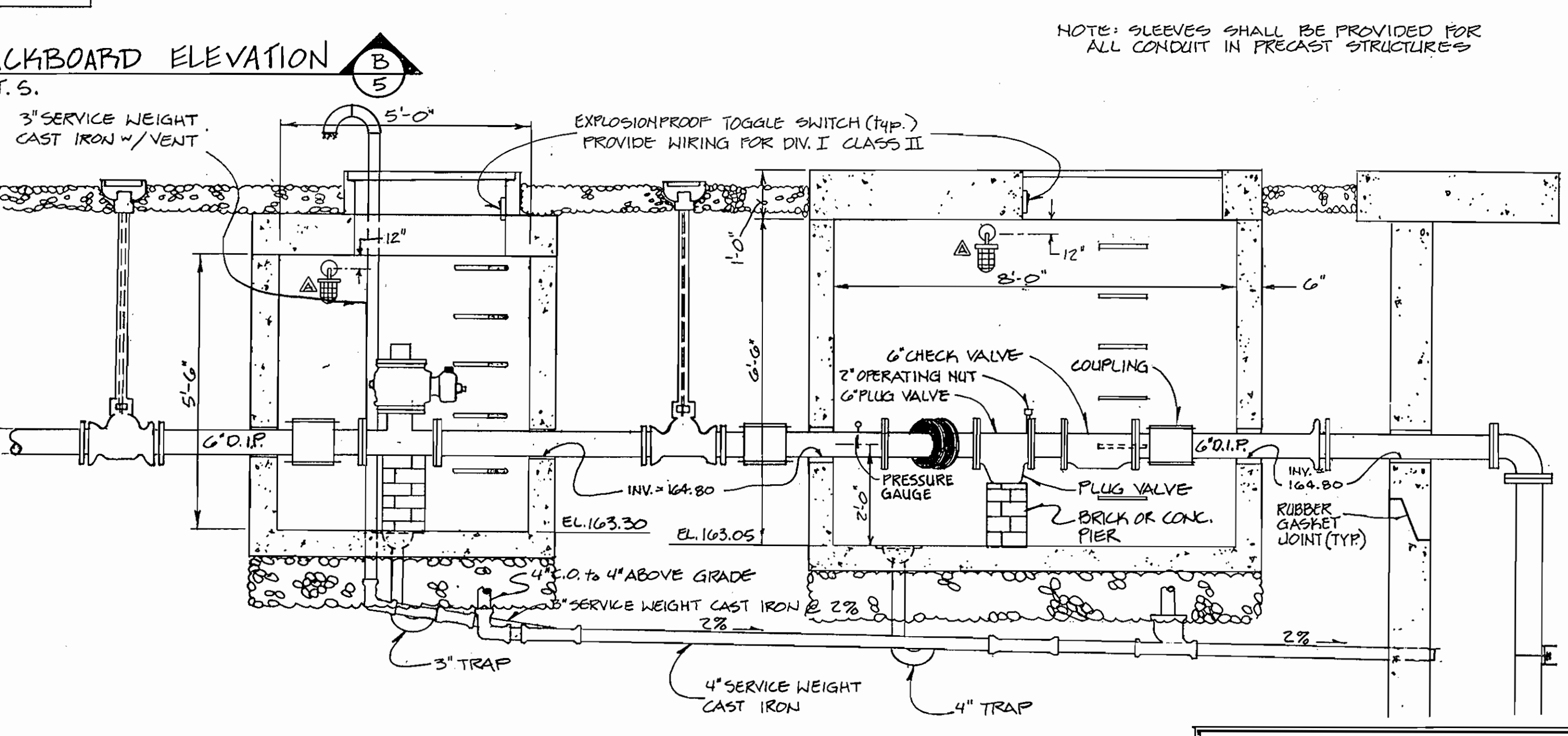
- ### ELECTRICAL NOTES
- METER BASE PER POWER CO. REQUIREMENTS. PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR.
 - 100A 240V - 3φ 5/8 DISCONNECT SWITCH FUSED @ 800A; RATED FOR SERVICE ENTRANCE. PAD LOCKABLE, NEMA TYPE 3R ENCLOSURE.
 - 3000VA 240V SAFETY SWITCH (MANUAL TRANSFER SWITCH) - 200A - 240V - 3φ PAD LOCKABLE, NEMA TYPE 3R ENCLOSURE.
 - 100A 3 POLE 4 WIRE 208 VOLT AUTO TRANSFORMER SWITCH WITH 2 1/2" OPTIONS A1, A3, A4, B, C, L, P, U, V, R, S, RAS, C/D
 - HEAVY-DUTY RECEPTACLE ASSEMBLY FOR PORTABLE GENERATOR EQUAL TO CROUSE-HINDS
 - PUMP CONTROL PANEL IN PAD LOCKABLE, NEMA TYPE 3R ENCLOSURE.
 - PANEL A 100 3φ - 208/120V - 3φ - 4W M.L.C. PAD LOCKABLE, NEMA TYPE 3R ENCLOSURE.
 - TELEMETRY TERMINAL CABINET PAD LOCKABLE, NEMA TYPE 3R ENCLOSURE SIZE FOR EQUIPMENT REQUIRED.
 - 3 - #6 & 1 - #8 GND. - 1" C. EACH TO 5 HP PUMPS.
 - 1 RUN OF 6 - #8 & 1 - #8 GND. - 1 1/4" R.G.S.C.
 - 1 RUN OF 12 - #14 - 3/4" R.G.S.C. FOR CONTROLS
 - 4 - #6 & 2 - #6 GND. - 1 1/4" R.G.S.C.
 - 4 - #12 & 1 - #6 GND. - 1/2" R.G.S.C. TO PANEL A ON OPPOSITE SIDE OF BACKBOARD.
 - #4 GROUNDING ELECTRODE CONDUCTOR. GROUND PER N.E.C. ARTICLE 250.
 - PRESSURE-TREATED 2x6 ON BOTH SIDES OF BACKBOARD - ATTACH TO POST WITH GALVANIZED LAG SCREWS - 2x4.
 - PRESSURE-TREATED 4x4 POST EMBEDDED IN CONCRETE TO BELOW FROST LINE, 3x4.
 - 20A 120/277V WEATHERPROOF TOGGLE SWITCH FOR YARD LIGHTS.
 - #3/0 - 1 - #6 GND. - 2 1/2" R.G.S.C. TO MANUAL TRANSFER SWITCH ON OPPOSITE SIDE OF BACKBOARD.
 - 3 - #6 & 1 - #6 GND. - 1 1/4" R.G.S.C. 1MC
 - 2 - #12 & 1 - #12 GND. - 1/2" R.G.S.C.
 - 2 - #12 & 1 - #12 GND. - 1/2" R.G.S.C. TO YARD LIGHT.
 - WEATHERPROOF DUPLEX RECEPTACLE
 - HIGH / LOW LEVEL FLASHING ALARM LIGHT ON BUILDING ROOF
 - SHRAGE MOUNTED NEMA TYPE 3 JUNCTION BOX EQUAL TO GROUSE-HINDS WDS SERIES. SIZE PER N.E.C. REQUIREMENTS.
 - 12 - #14 - 3/4" C. - PUMP CONTROL WIRING.
 - CROUSE-HINDS SERIES ES SEAL OR EQUAL, TYP.
 - CROUSE-HINDS SERIES EYS SEAL OR EQUAL, TYP.
 - PUMP 1 & 2 IN 4" VET WELL 5 HP EACH - 208V - 3φ.
 - 4#3, 1#6 GND, 2#12 ENGINE START, 2" R.G.S.C. TO GENERATOR

ELECTRICAL LEGEND

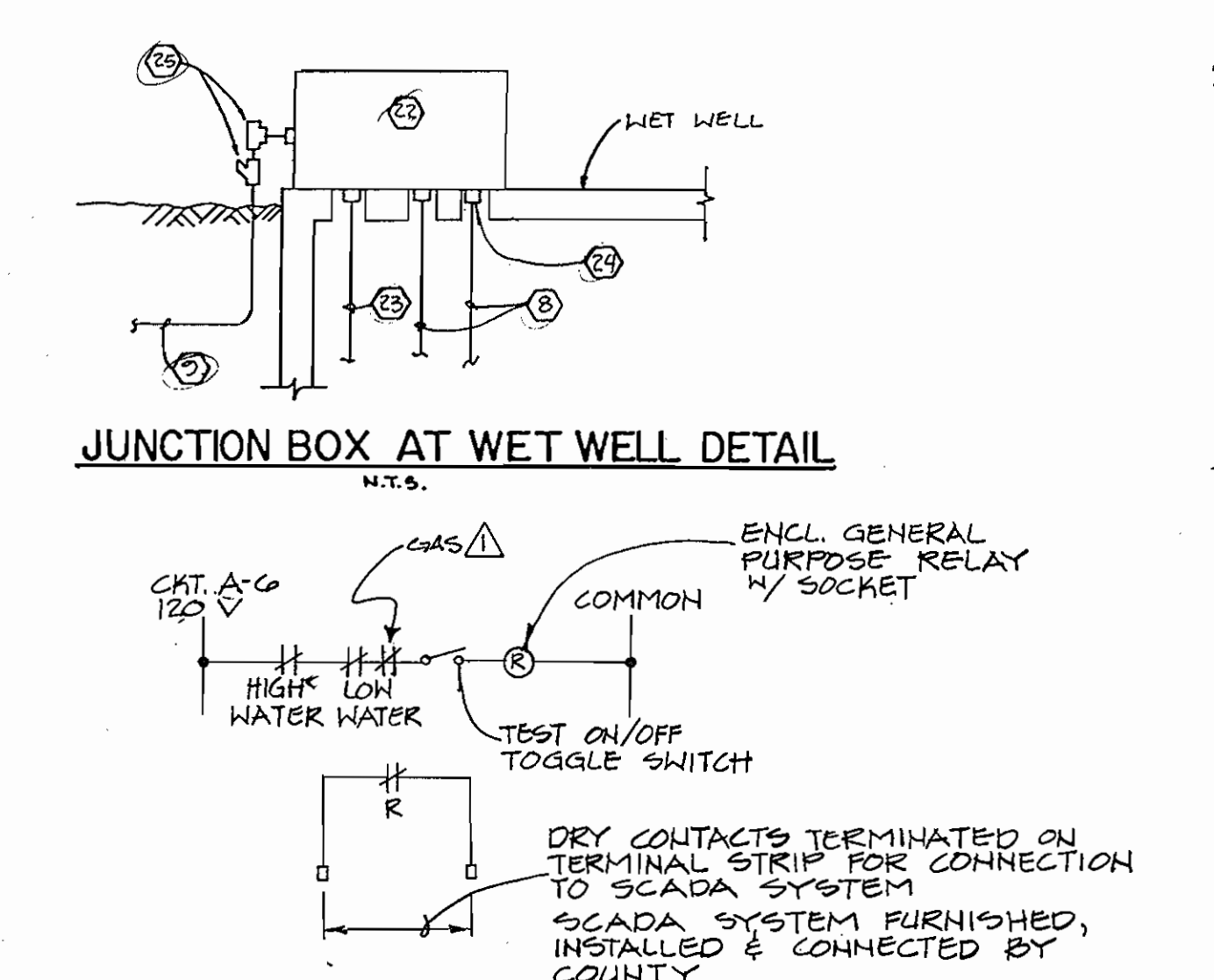
- WALL MOUNTED FIXTURE
 - YARD LIGHT
 - △ LIGHTING FIXTURE TYPE, SEE SCHEDULE
 - SINGLE POLE TOGGLE SWITCH, 20A - 120/277V - 48" A.F.F. OR UNLESS OTHERWISE NOTED.
- WIRING RUN CONCEALED IN CEILING AND/OR WALL OR EXPOSED. NUMBER OF SLASHES INDICATE NUMBER OF #12 AWG COPPER CONDUCTORS EXCEPT GROUND AND 1/2" RACKWAY UNLESS OTHERWISE NOTED. ANGLE HEADS INDICATE NUMBER OF CIRCUITS.
- CONDUIT AND CONDUCTORS RUN UNDERGROUND
 - CONDUIT GOING UP
 - CONDUIT GOING DOWN
 - PANELBOARD
 - MOTOR CONNECTION - HORSEPOWER AS INDICATED
 - JUNCTION OR FULL BOX. TYPE AND SIZE AS REQUIRED BY THE N.E.C. FOR THE APPLICATION.
 - UNDERGROUND TELEPHONE CABLE



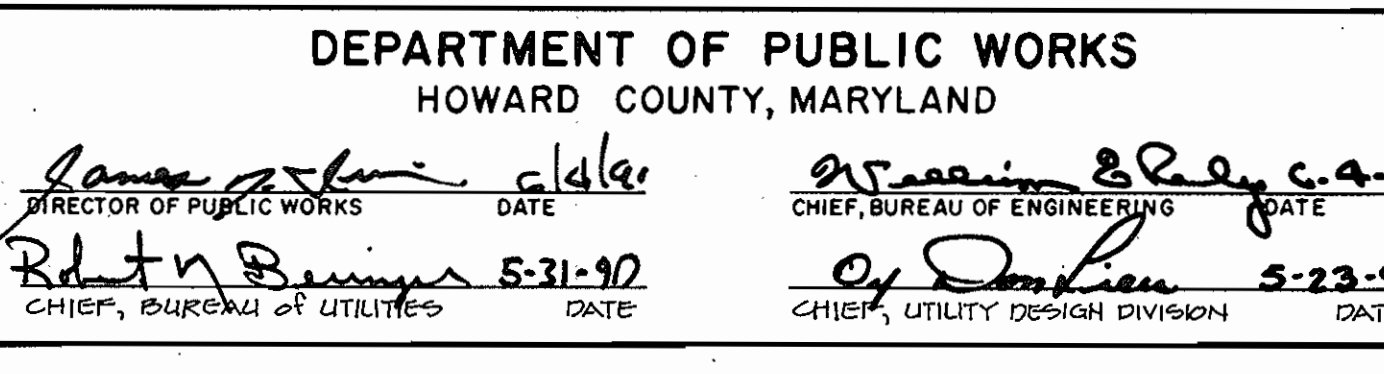
BACKBOARD ELEVATION
N.T.S.



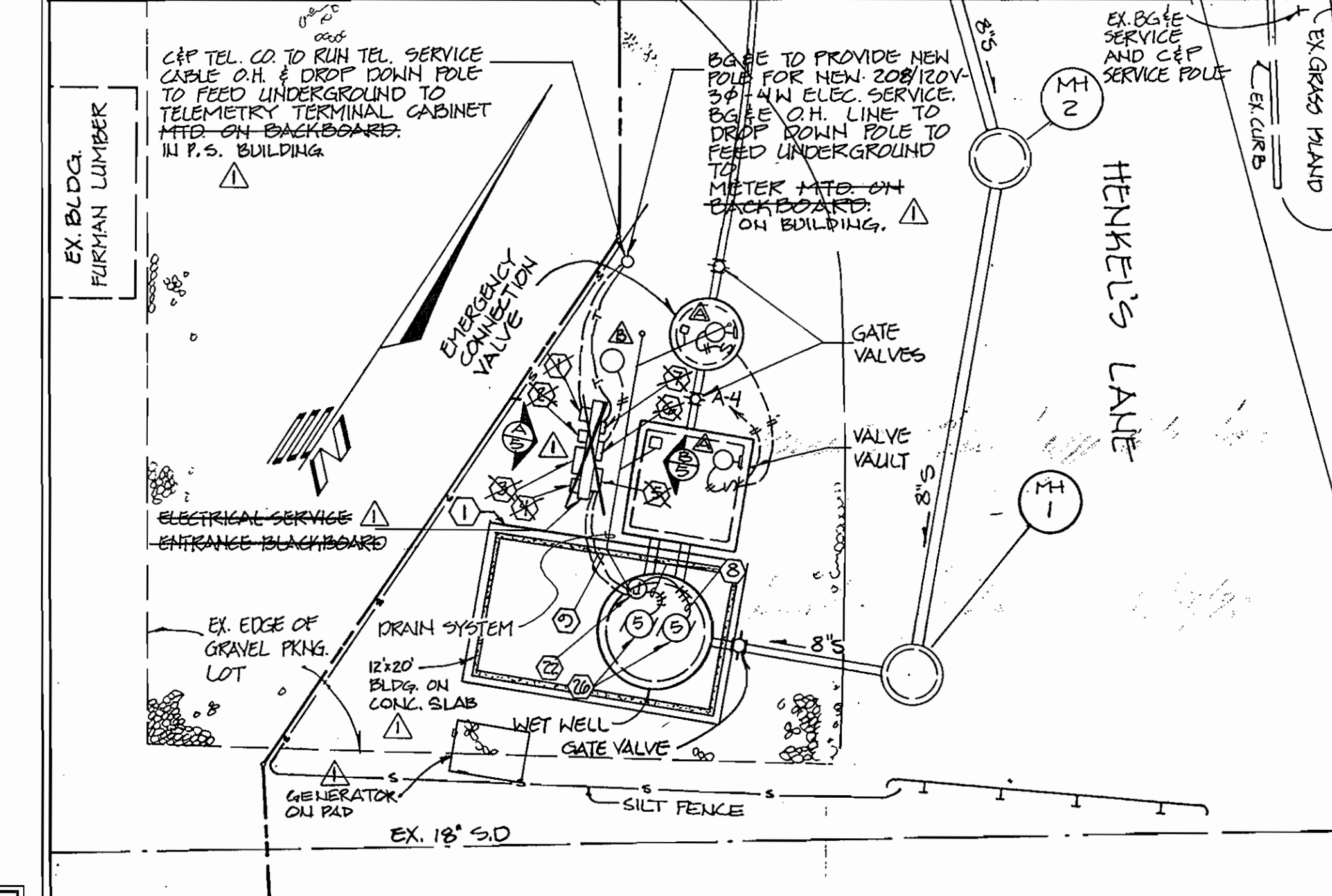
ELEVATION
EMERGENCY PUMPING CONNECTION & VALVE VAULT & WET WELL
SCALE: 1/2" = 1'-0"



JUNCTION BOX AT WET WELL DETAIL
N.T.S.



TELEMETRY SCHEMATIC DIAGRAM
N.T.S.



ELECTRICAL SITE PLAN
SCALE: 1" = 10'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James G. ...
DIRECTOR OF PUBLIC WORKS

Robert ...
CHIEF, BUREAU OF UTILITIES

DATE: 5-31-92

Dewberry & Davis
ARCHITECTS • ENGINEERS • PLANNERS • SURVEYORS

200 Harry S. Truman Parkway, Annapolis, Maryland 21401
8411 Arlington Boulevard, Fairfax, Virginia 22030

DES: J.M.B.
DRN: J.M.B.
CHK:
DATE: 5/29/91

THIS DRAWING IS FOR THE CONSTRUCTION OF ELECTRICAL WORK ONLY

ENCLOSE WET WELL AND ELECTRICAL EQUIPMENT IN BUILDING. ADD GENERATOR

REVISION

DATE

PUMPING STATION, ELECTRICAL

ANNAPOLIS JUNCTION COLLECTION SYSTEM

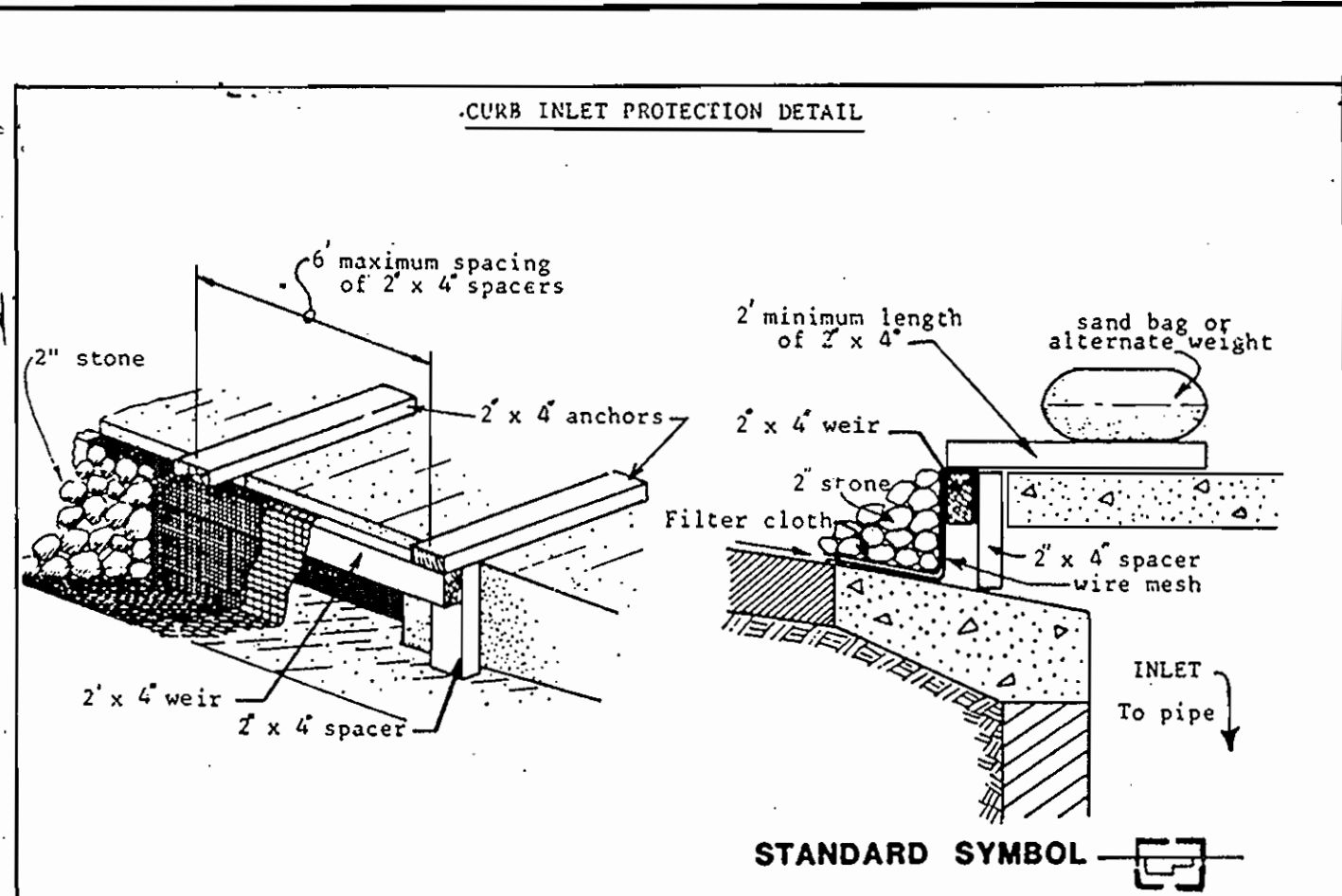
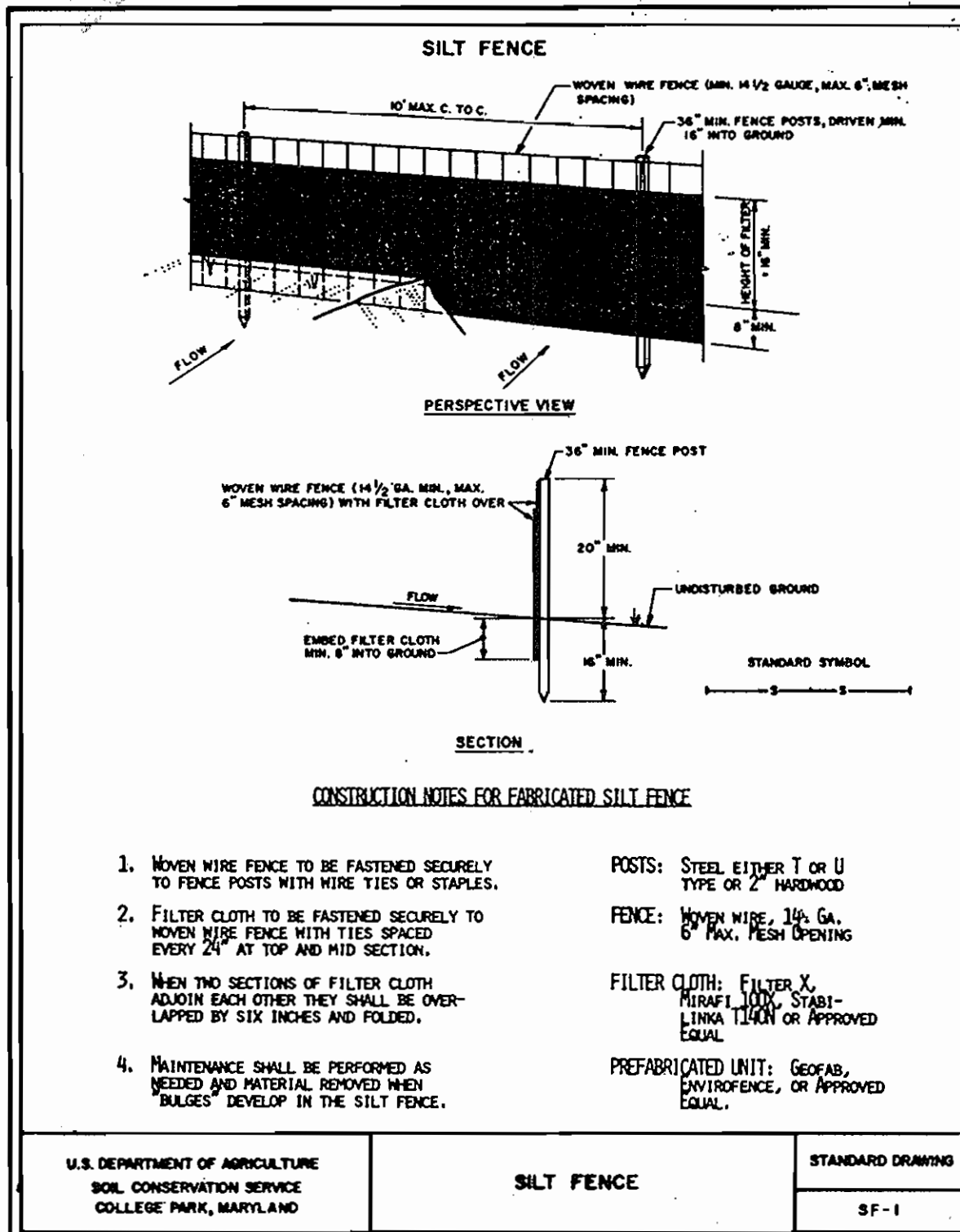
CAPITAL PROJECT: S-6158 CONTRACT NO.: 20-3015

ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

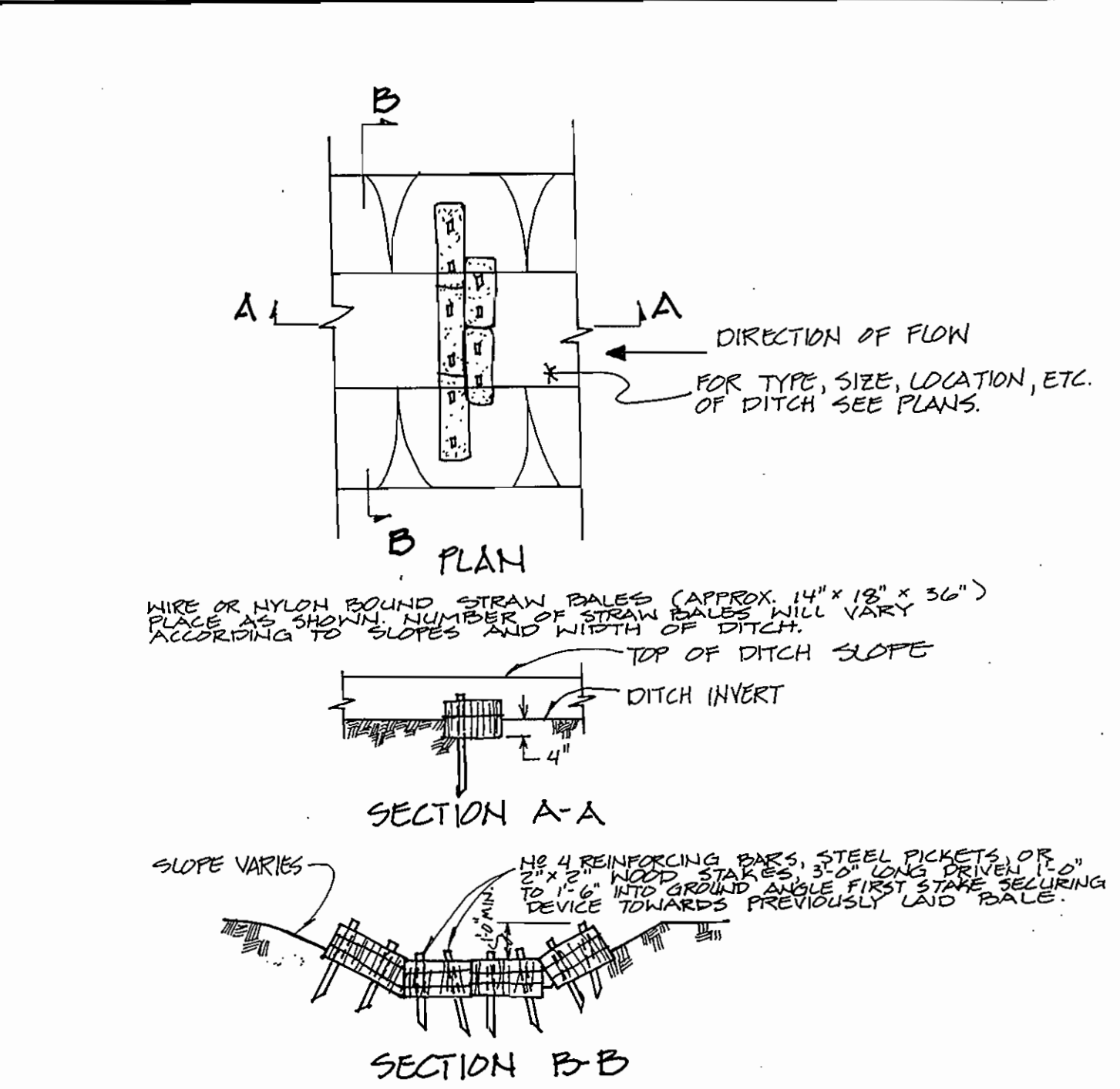
SHEET 5 OF 7

AS-BUILT 5-11-91



CURB INLET PROTECTION CONSTRUCTION SPECIFICATIONS

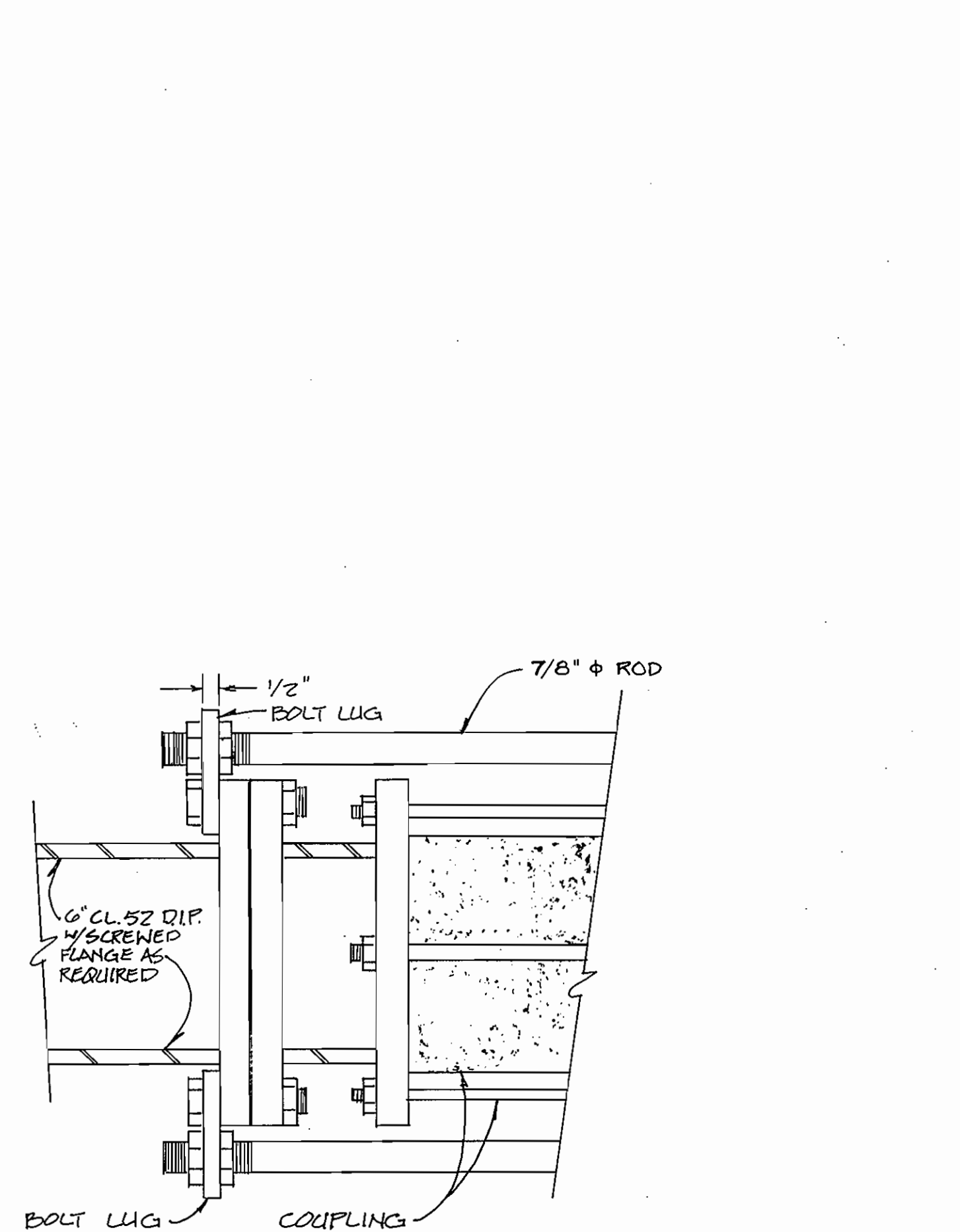
- I. MATERIALS
 - A. WOODEN FRAME IS TO BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
 - B. WIRE MESH MUST BE OF SUFFICIENT STRENGTH TO SUPPORT FILTER FABRIC, AND STONE FOR CURB INLETS, WITH WATER FULLY IMPOUNDED AGAINST IT.
 - C. FILTER CLOTH MUST BE OF A TYPE APPROVED FOR THIS PURPOSE; RESISTANT TO SUNLIGHT WITH MESH SIZE, EOS, 40-85, TO ALLOW SUFFICIENT PASSAGE OF WATER AND REMOVAL OF SEDIMENT.
 - D. STONE IS TO BE 2" IN SIZE AND CLEAN, SINCE FINES WOULD CLOG THE CLOTH.
- II. PROCEDURE
 - A. CURB INLET PROTECTION
 1. ATTACH A CONTINUOUS PIECE OF WIRE MESH (30" MIN. WIDTH BY THROAT LENGTH PLUS 4") TO THE 2" X 4" WEIR (MEASURING THROAT LENGTH PLUS 2"), AS SHOWN ON THE STANDARD DRAWING.
 2. PLACE A PIECE OF APPROVED FILTER CLOTH (40-85 SIEVE) OF THE SAME DIMENSIONS AS THE WIRE MESH OVER THE WIRE MESH AND SECURELY FASTEN TO THE 2" X 4" WEIR. SECURELY NAIL THE 2" X 4" WEIR TO 9" LONG VERTICAL SPACERS TO BE LOCATED BETWEEN THE WEIR AND INLET FACE (MAX. 6' APART).
 3. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MINIMUM 2" LENGTHS OF 2" X 4" TO THE TOP OF THE WEIR AT SPACER LOCATIONS). THESE 2" X 4" ANCHORS SHALL EXTEND ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHT.
 4. THE ASSEMBLY SHALL BE PLACED SO THAT THE END SPACERS ARE A MINIMUM 1' BEYOND BOTH ENDS OF THE THROAT OPENING.
 5. FORM THE WIRE MESH AND FILTER CLOTH TO THE CONCRETE CURB AND AGAINST THE FACE OF CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 2" STONE OVER THE WIRE MESH AND FILTER FABRIC IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE FILTER CLOTH.
 6. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.
 7. ASSURE THAT STORM FLOW DOES NOT BYPASS INLET BY INSTALLING TEMPORARY EARTH OR ASPHALT DIKES DIRECTING FLOW INTO INLET.



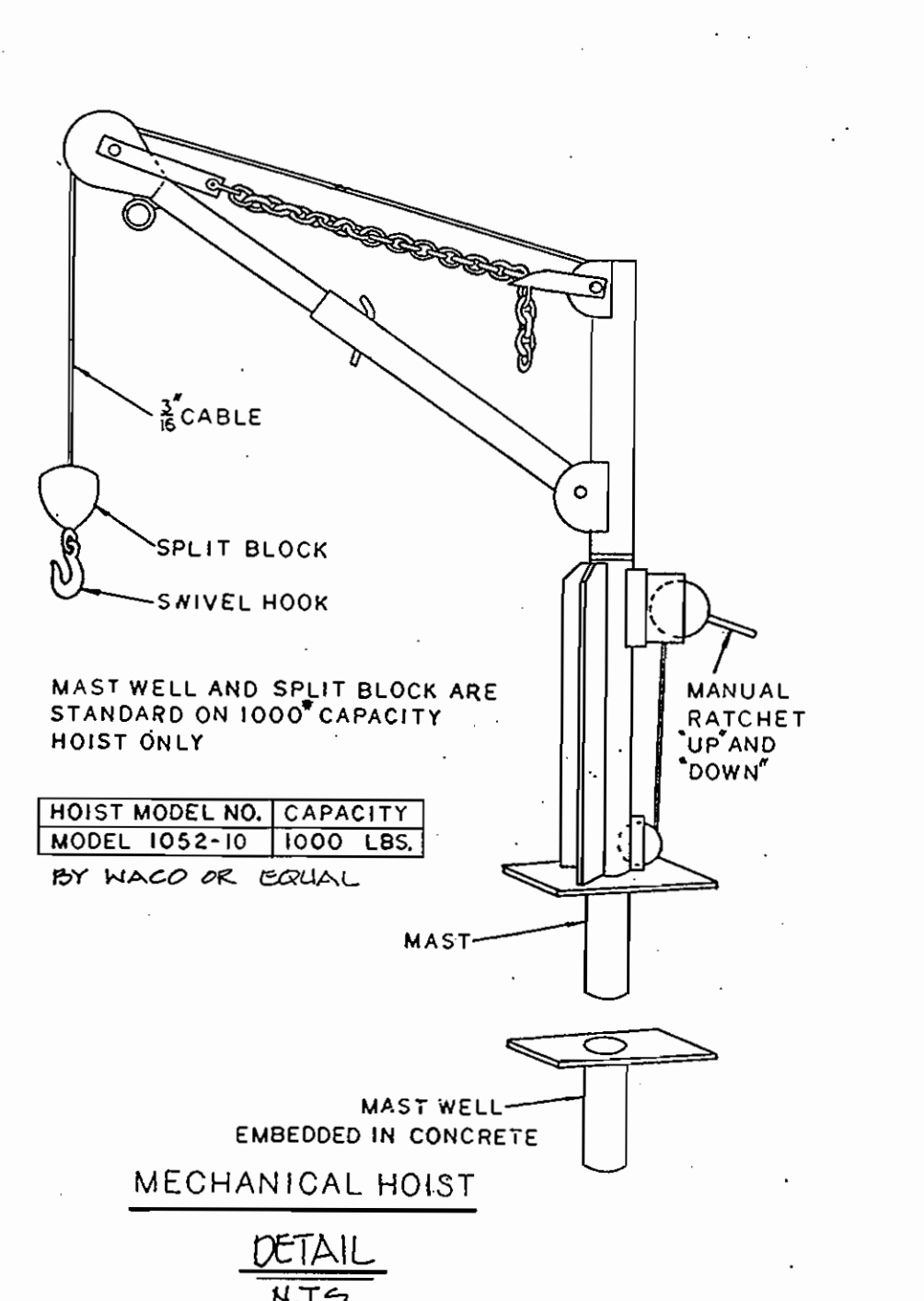
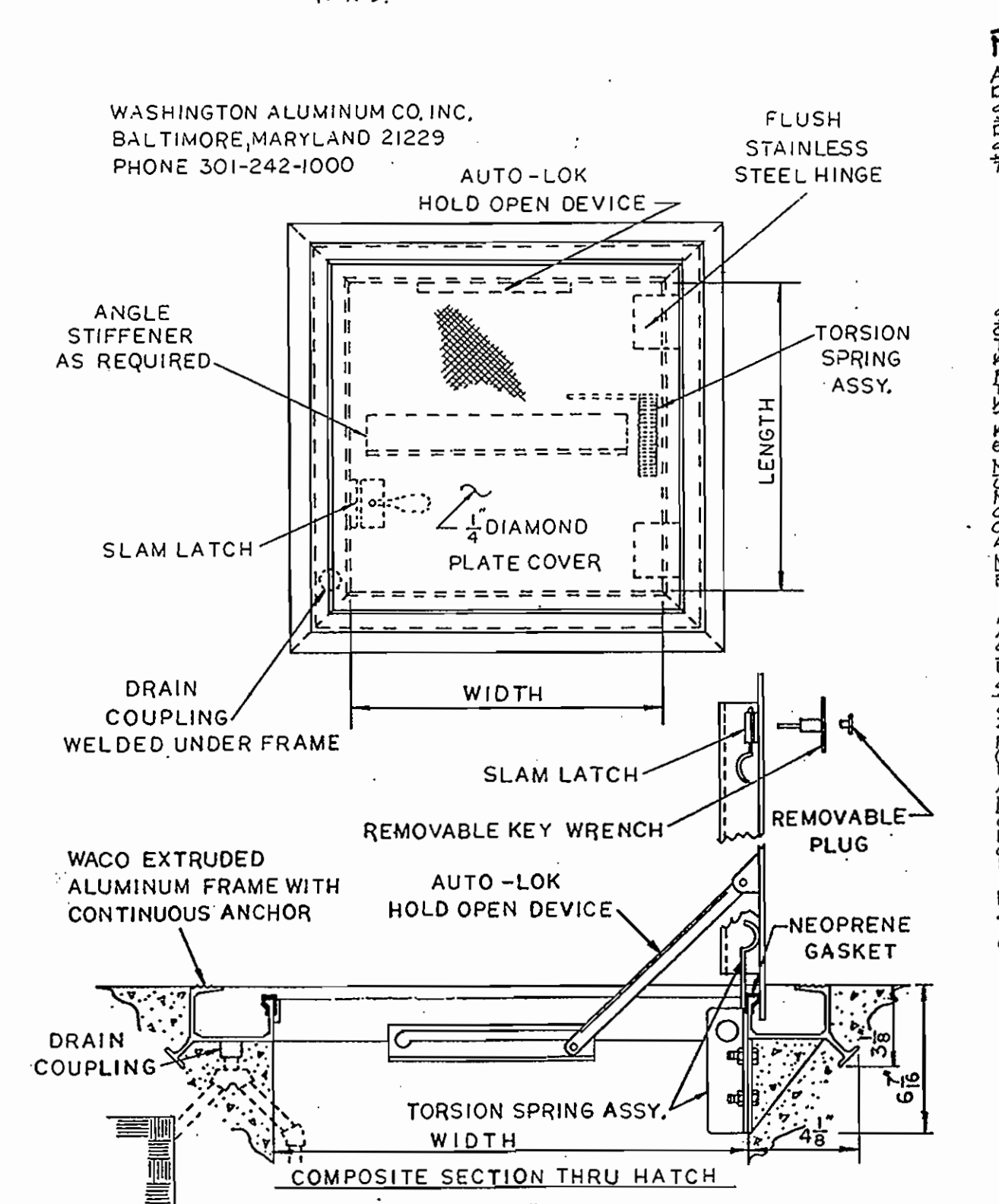
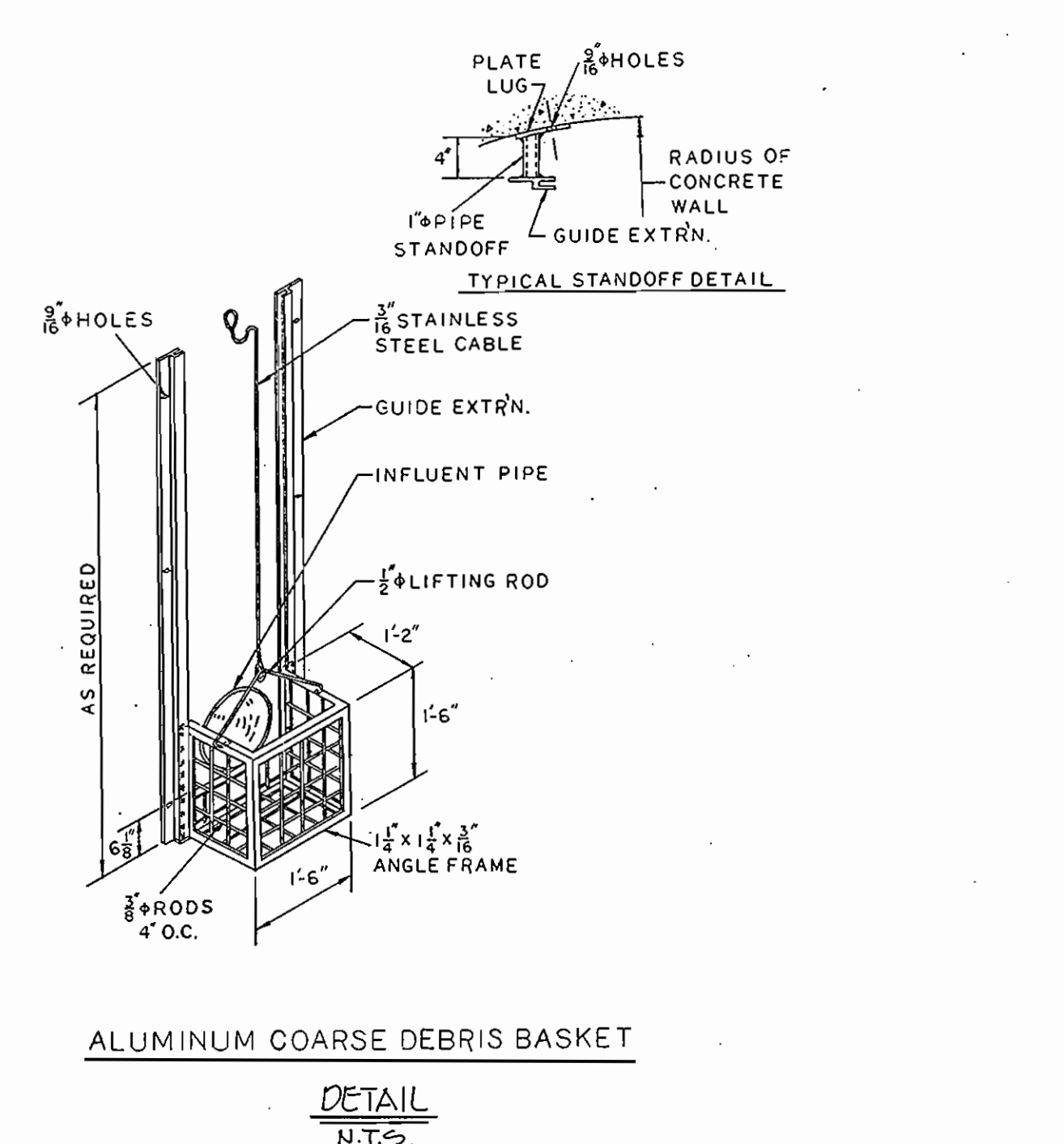
GENERAL NOTES:

1. INTENDED FOR USE IN EXISTING, PROPOSED & TEMPORARY DITCHES OF ALL TYPES WHERE THE CONSTRUCTION OF A SEDIMENT TRAP WOULD CREATE A TRAFFIC HAZARD OR WHERE DIRECTED BY ENGINEER.
2. FOR LOCATIONS OF STRAW BALES REFER TO CONSTRUCTION PLANS.
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
4. "STRAW BALES" SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DITCH CHECK



DES:	
DRN:	
CHK:	
DATE:	
BY NO.	REVISION
DATE	DATE

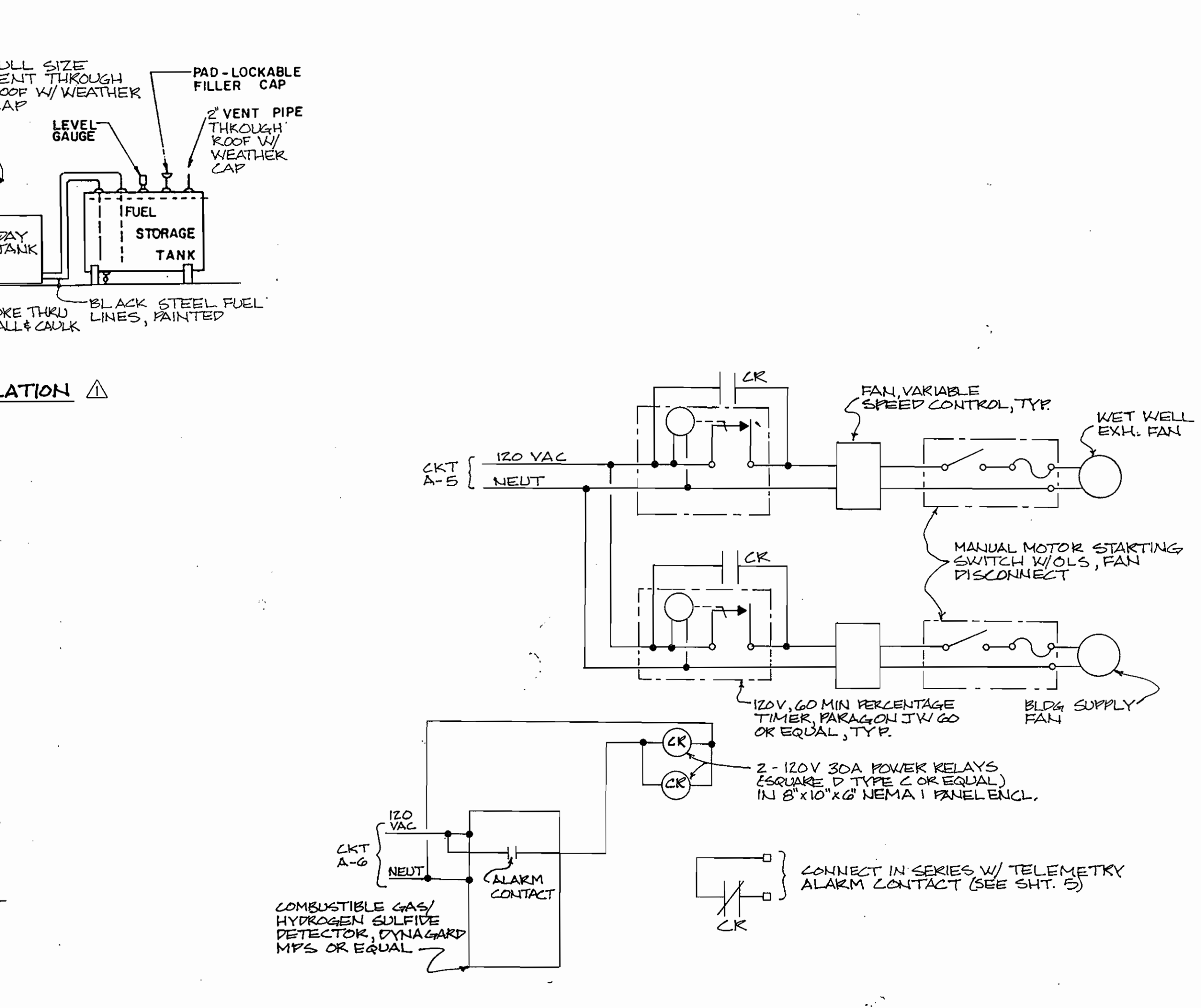
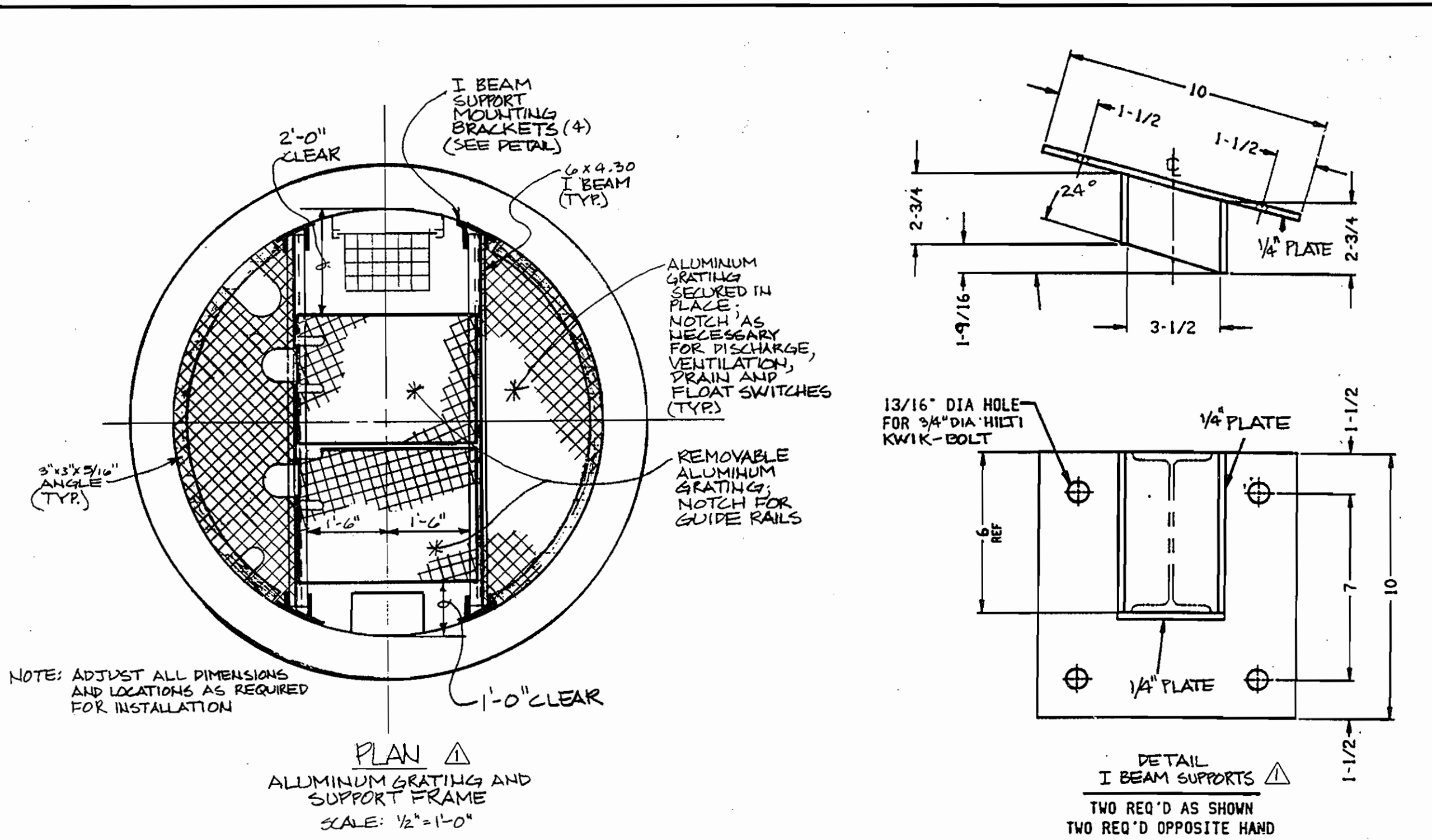
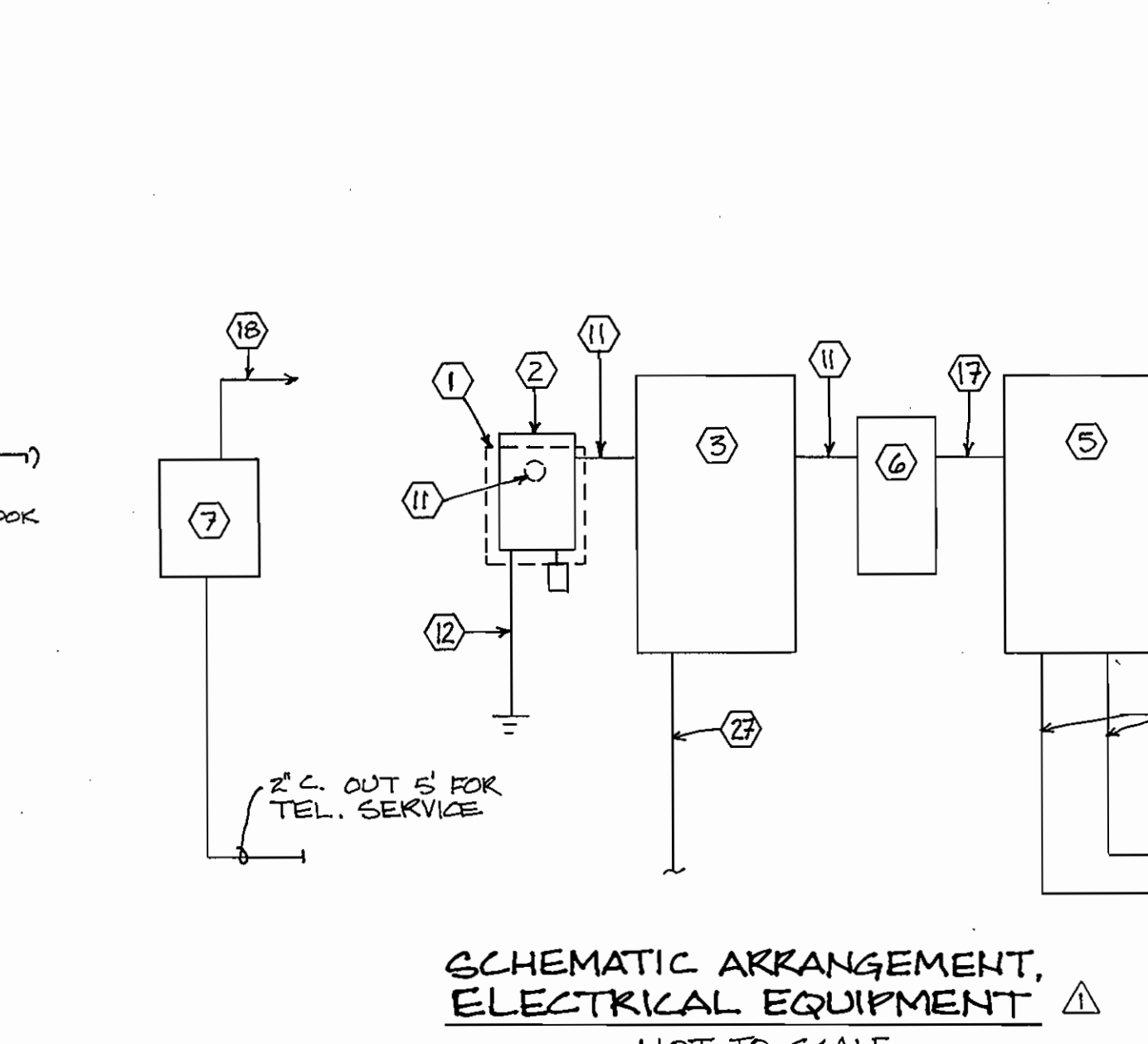
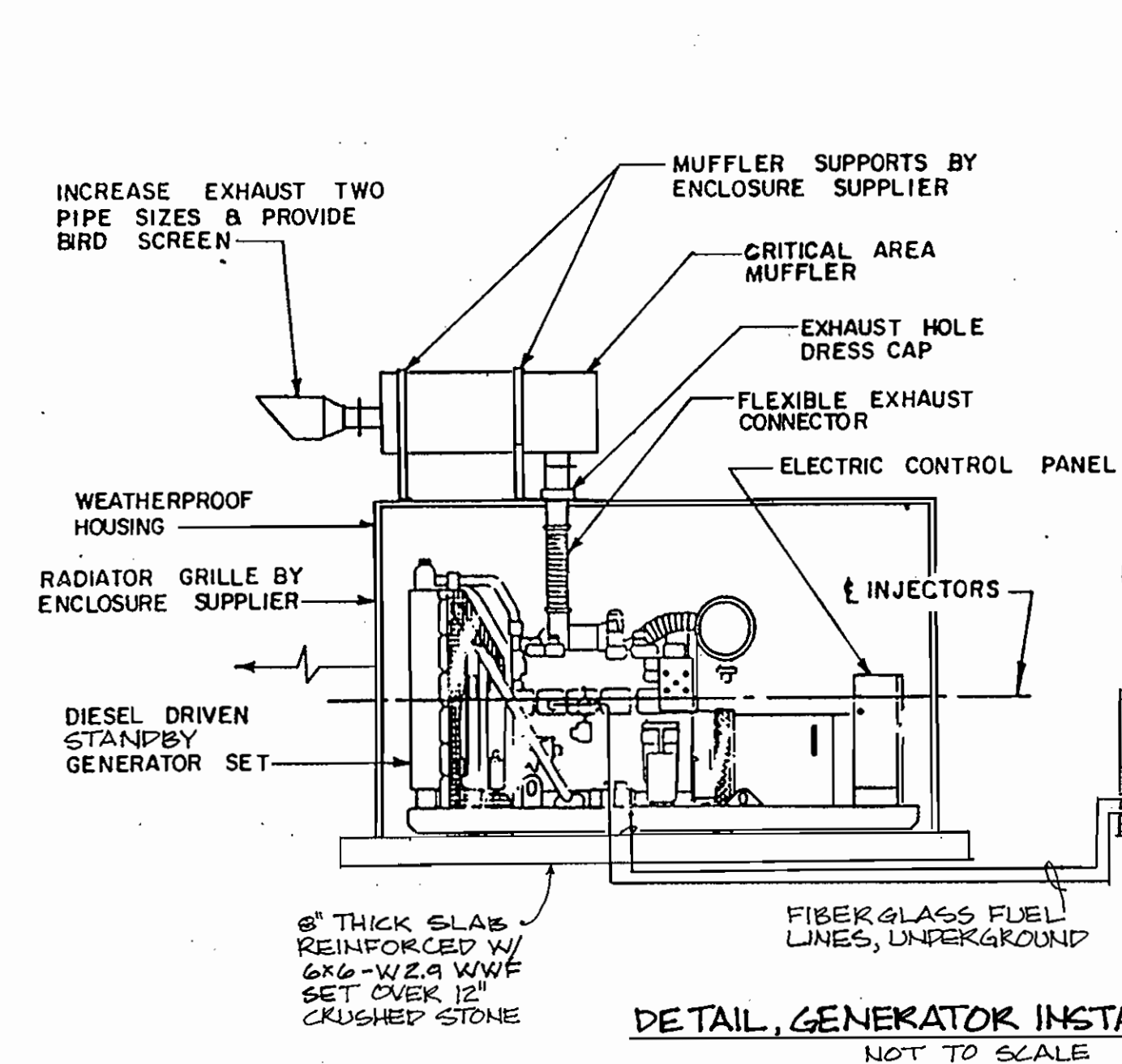
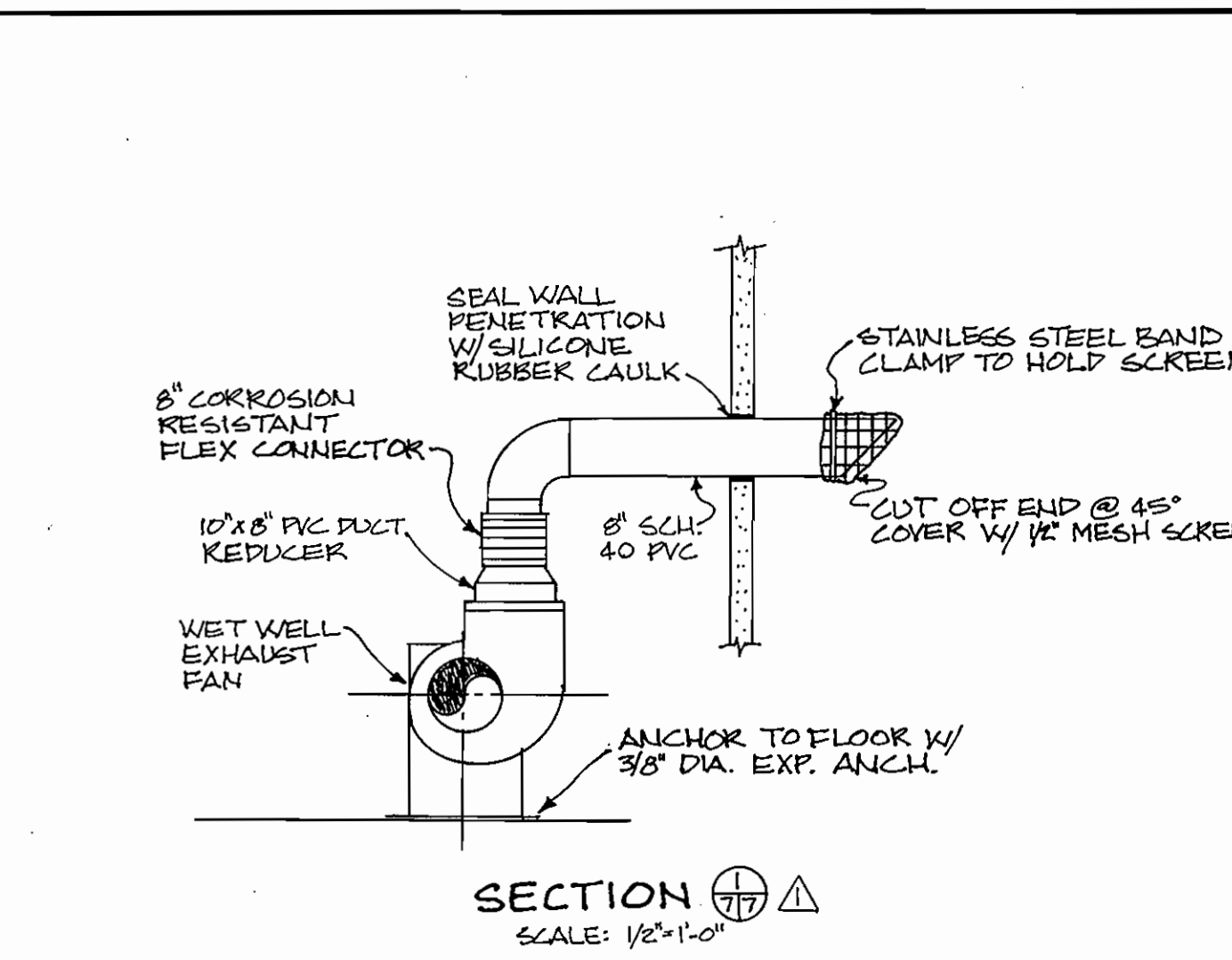
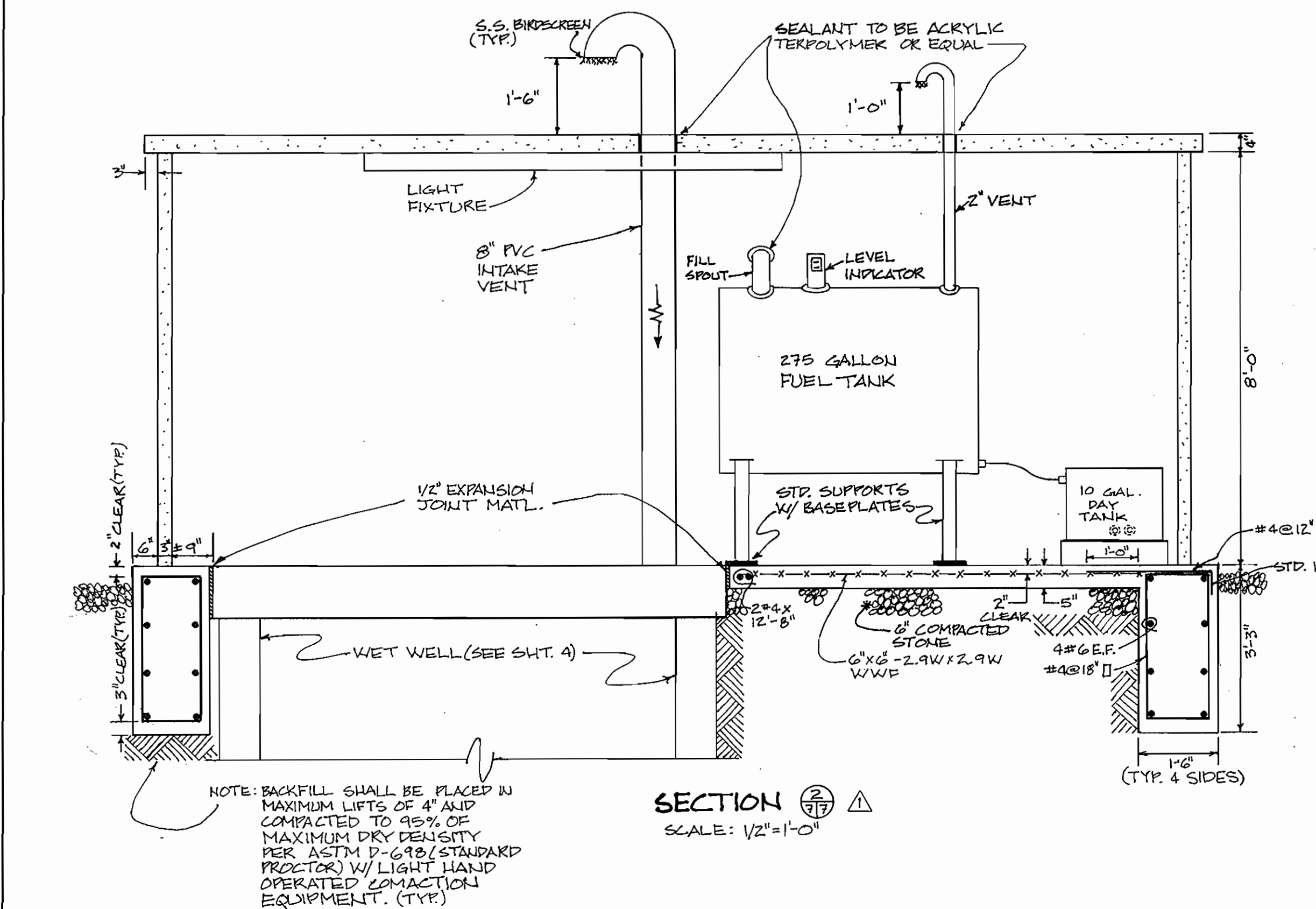
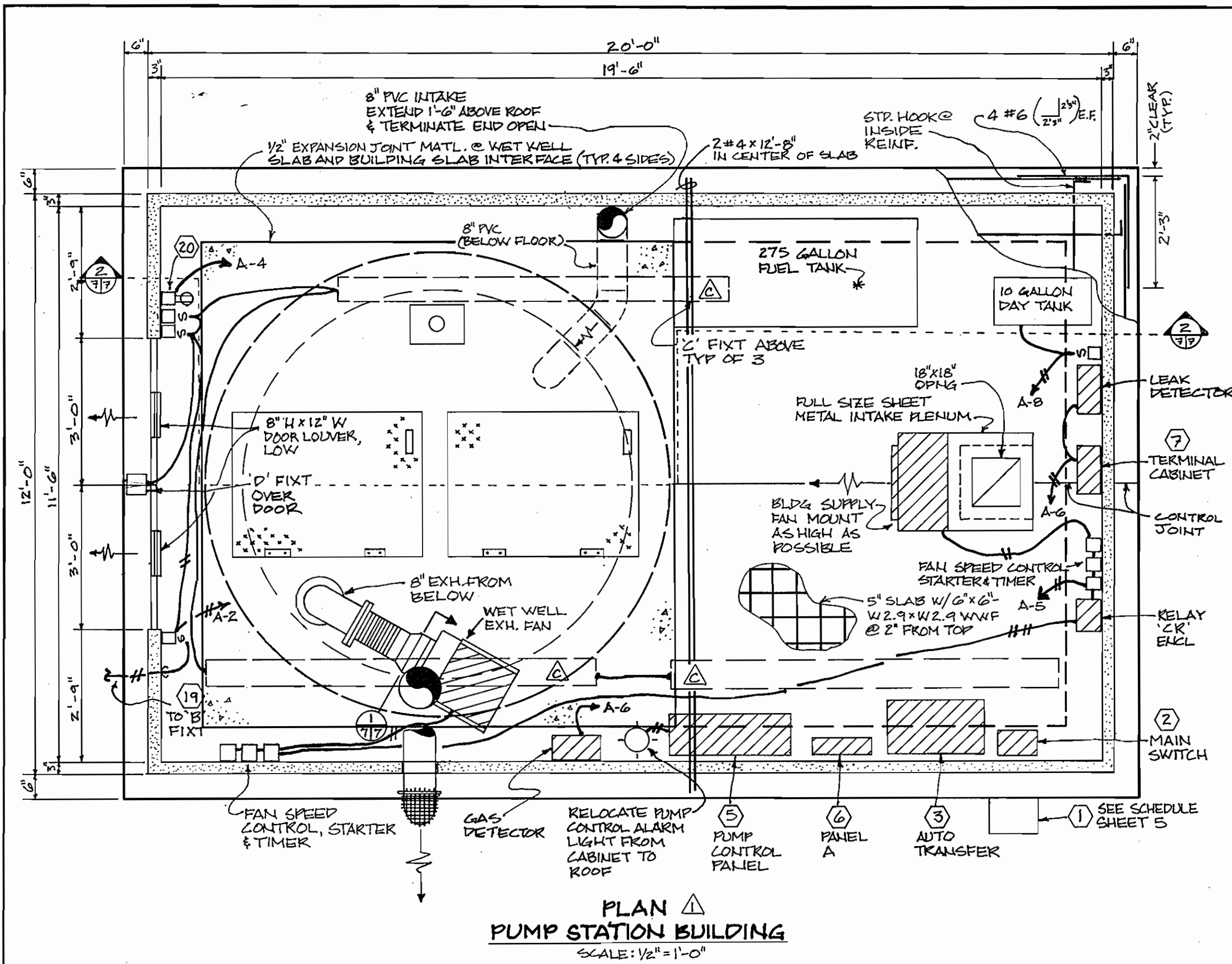


PERMANENT SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED. PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DIGGING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1. FERTILIZER: 100 LBS. PER ACRE POLYBLEND LIMEFERT (10-10-10) OR 100 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)
2. SOIL CONDITIONER: 100 LBS. PER ACRE OR 10 LBS. PER 1000 SQ. FT. (10 LBS./1000 SQ. FT.)
3. MULCH: 2 TONS PER ACRE (20 TONS/1000 SQ. FT.)
4. MULCH: 1.5 TONS PER ACRE (15 TONS/1000 SQ. FT.)
5. MULCH: 1 TON PER ACRE (10 TONS/1000 SQ. FT.)
6. MULCH: 0.5 TON PER ACRE (5 TONS/1000 SQ. FT.)
7. MULCH: 0.25 TON PER ACRE (2.5 TONS/1000 SQ. FT.)
8. MULCH: 0.125 TON PER ACRE (1.25 TONS/1000 SQ. FT.)
9. MULCH: 0.0625 TON PER ACRE (0.625 TONS/1000 SQ. FT.)
10. MULCH: 0.03125 TON PER ACRE (0.3125 TONS/1000 SQ. FT.)
11. MULCH: 0.015625 TON PER ACRE (0.15625 TONS/1000 SQ. FT.)
12. MULCH: 0.0078125 TON PER ACRE (0.078125 TONS/1000 SQ. FT.)
13. MULCH: 0.00390625 TON PER ACRE (0.0390625 TONS/1000 SQ. FT.)
14. MULCH: 0.001953125 TON PER ACRE (0.01953125 TONS/1000 SQ. FT.)
15. MULCH: 0.0009765625 TON PER ACRE (0.009765625 TONS/1000 SQ. FT.)
16. MULCH: 0.00048828125 TON PER ACRE (0.0048828125 TONS/1000 SQ. FT.)
17. MULCH: 0.000244140625 TON PER ACRE (0.00244140625 TONS/1000 SQ. FT.)
18. MULCH: 0.0001220703125 TON PER ACRE (0.001220703125 TONS/1000 SQ. FT.)
19. MULCH: 0.00006103515625 TON PER ACRE (0.0006103515625 TONS/1000 SQ. FT.)
20. MULCH: 0.000030517578125 TON PER ACRE (0.00030517578125 TONS/1000 SQ. FT.)
21. MULCH: 0.0000152587890625 TON PER ACRE (0.000152587890625 TONS/1000 SQ. FT.)
22. MULCH: 0.00000762939453125 TON PER ACRE (0.0000762939453125 TONS/1000 SQ. FT.)
23. MULCH: 0.000003814697265625 TON PER ACRE (0.00003814697265625 TONS/1000 SQ. FT.)
24. MULCH: 0.0000019073486328125 TON PER ACRE (0.000019073486328125 TONS/1000 SQ. FT.)
25. MULCH: 0.00000095367431640625 TON PER ACRE (0.0000095367431640625 TONS/1000 SQ. FT.)
26. MULCH: 0.000000476837158203125 TON PER ACRE (0.00000476837158203125 TONS/1000 SQ. FT.)
27. MULCH: 0.0000002384185791015625 TON PER ACRE (0.000002384185791015625 TONS/1000 SQ. FT.)
28. MULCH: 0.00000011920928955078125 TON PER ACRE (0.0000011920928955078125 TONS/1000 SQ. FT.)
29. MULCH: 0.00000059604644775390625 TON PER ACRE (0.00000059604644775390625 TONS/1000 SQ. FT.)
30. MULCH: 0.000000298023223876953125 TON PER ACRE (0.000000298023223876953125 TONS/1000 SQ. FT.)
31. MULCH: 0.0000001490116119384765625 TON PER ACRE (0.0000001490116119384765625 TONS/1000 SQ. FT.)
32. MULCH: 0.00000007450580596923828125 TON PER ACRE (0.00000007450580596923828125 TONS/1000 SQ. FT.)
33. MULCH: 0.000000037252902984619140625 TON PER ACRE (0.000000037252902984619140625 TONS/1000 SQ. FT.)
34. MULCH: 0.0000000186264514923095703125 TON PER ACRE (0.0000000186264514923095703125 TONS/1000 SQ. FT.)
35. MULCH: 0.00000000931322574615478515625 TON PER ACRE (0.00000000931322574615478515625 TONS/1000 SQ. FT.)
36. MULCH: 0.000000004656612873077392578125 TON PER ACRE (0.000000004656612873077392578125 TONS/1000 SQ. FT.)
37. MULCH: 0.0000000023283064365386962890625 TON PER ACRE (0.0000000023283064365386962890625 TONS/1000 SQ. FT.)
38. MULCH: 0.00000000116415321826934814453125 TON PER ACRE (0.00000000116415321826934814453125 TONS/1000 SQ. FT.)
39. MULCH: 0.000000000582076609134674072265625 TON PER ACRE (0.000000000582076609134674072265625 TONS/1000 SQ. FT.)
40. MULCH: 0.0000000002910383045673370361328125 TON PER ACRE (0.0000000002910383045673370361328125 TONS/1000 SQ. FT.)
41. MULCH: 0.00000000014551915228366851806640625 TON PER ACRE (0.00000000014551915228366851806640625 TONS/1000 SQ. FT.)
42. MULCH: 0.000000000072759576141834259033203125 TON PER ACRE (0.000000000072759576141834259033203125 TONS/1000 SQ. FT.)
43. MULCH: 0.0000000000363797880709171295166015625 TON PER ACRE (0.0000000000363797880709171295166015625 TONS/1000 SQ. FT.)
44. MULCH: 0.00000000001818989403545856475830078125 TON PER ACRE (0.00000000001818989403545856475830078125 TONS/1000 SQ. FT.)
45. MULCH: 0.000000000009094947017729282379150390625 TON PER ACRE (0.000000000009094947017729282379150390625 TONS/1000 SQ. FT.)
46. MULCH: 0.0000000000045474735088646191895751953125 TON PER ACRE (0.0000000000045474735088646191895751953125 TONS/1000 SQ. FT.)
47. MULCH: 0.00000000000227373675443230959478759765625 TON PER ACRE (0.00000000000227373675443230959478759765625 TONS/1000 SQ. FT.)
48. MULCH: 0.000000000001136868377216154797393798828125 TON PER ACRE (0.000000000001136868377216154797393798828125 TONS/1000 SQ. FT.)
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50. MULCH: 0.0000000000002842170943040386993484497072265625 TON PER ACRE (0.0000000000002842170943040386993484497072265625 TONS/1000 SQ. FT.)
51. MULCH: 0.00000000000014210854715201934967422485390625 TON PER ACRE (0.00000000000014210854715201934967422485390625 TONS/1000 SQ. FT.)
52. MULCH: 0.000000000000071054273576009674837112426953125 TON PER ACRE (0.000000000000071054273576009674837112426953125 TONS/1000 SQ. FT.)
53. MULCH: 0.0000000000000355271367880048374185562159765625 TON PER ACRE (0.0000000000000355271367880048374185562159765625 TONS/1000 SQ. FT.)
54. MULCH: 0.0000000000000177635683940024187092780798828125 TON PER ACRE (0.0000000000000177635683940024187092780798828125 TONS/1000 SQ. FT.)
55. MULCH: 0.00000000000000888178419700120935463903994140625 TON PER ACRE (0.00000000000000888178419700120935463903994140625 TONS/1000 SQ. FT.)
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57. MULCH: 0.00000000000000222044604925030233865975985390625 TON PER ACRE (0.00000000000000222044604925030233865975985390625 TONS/1000 SQ. FT.)
58. MULCH: 0.0000000000000011102230246251511693298798828125 TON PER ACRE (0.0000000000000011102230246251511693298798828125 TONS/1000 SQ. FT.)
59. MULCH: 0.0000000000000005551115123125755846493994140625 TON PER ACRE (0.0000000000000005551115123125755846493994140625 TONS/1000 SQ. FT.)
60. MULCH: 0.0000000000000002775557561562877924246997072265625 TON PER ACRE (0.0000000000000002775557561562877924246997072265625 TONS/1000 SQ. FT.)
61. MULCH: 0.00000000000000013877787807814389621234985390625 TON PER ACRE (0.00000000000000013877787807814389621234985390625 TONS/1000 SQ. FT.)
62. MULCH: 0.0000000000000000693889390390719481061748798828125 TON PER ACRE (0.0000000000000000693889390390719481061748798828125 TONS/1000 SQ. FT.)
63. MULCH: 0.00000000000000003469446951953597405308743994140625 TON PER ACRE (0.00000000000000003469446951953597405308743994140625 TONS/1000 SQ. FT.)
64. MULCH: 0.00000000000000001734723475976798702654371997072265625 TON PER ACRE (0.00000000000000001734723475976798702654371997072265625 TONS/1000 SQ. FT.)
65. MULCH: 0.000000000000000008673617379883993513271859985390625 TON PER ACRE (0.000000000000000008673617379883993513271859985390625 TONS/1000 SQ. FT.)
66. MULCH: 0.00000000000000000433680868994199675663927998828125 TON PER ACRE (0.00000000000000000433680868994199675663927998828125 TONS/1000 SQ. FT.)
67. MULCH: 0.000000000000000002168404344970998378319639994140625 TON PER ACRE (0.000000000000000002168404344970998378319639994140625 TONS/1000 SQ. FT.)
68. MULCH: 0.00000000000000000108420217248549918915819998828125 TON PER ACRE (0.00000000000000000108420217248549918915819998828125 TONS/1000 SQ. FT.)
69. MULCH: 0.0000000000000000005421010862427495945909994140625 TON PER ACRE (0.0000000000000000005421010862427495945909994140625 TONS/1000 SQ. FT.)
70. MULCH: 0.0000000000000000002710505431213747972754998828125 TON PER ACRE (0.0000000000000000002710505431213747972754998828125 TONS/1000 SQ. FT.)
71. MULCH: 0.000000000000000000135525271560687398637749994140625 TON PER ACRE (0.000000000000000000135525271560687398637749994140625 TONS/1000 SQ. FT.)
72. MULCH: 0.000000000000000000067762635780343699318874998828125 TON PER ACRE (0.000000000000000000067762635780343699318874998828125 TONS/1000 SQ. FT.)
73. MULCH: 0.00000000000000000003388131789017184965943749994140625 TON PER ACRE (0.00000000000000000003388131789017184965943749994140625 TONS/1000 SQ. FT.)
74. MULCH: 0.00000000000000000001694065894508592482971874998828125 TON PER ACRE (0.00000000000000000001694065894508592482971874998828125 TONS/1000 SQ. FT.)
75. MULCH: 0.00000000000000000000847032947254296241485939994140625 TON PER ACRE (0.00000000000000000000847032947254296241485939994140625 TONS/1000 SQ. FT.)
76. MULCH: 0.000000000000000000004235164736271481220971874998828125 TON PER ACRE (0.000000000000000000004235164736271481220971874998828125 TONS/1000 SQ. FT.)
77. MULCH: 0.000000000000000000002117582368135740611048939994140625 TON PER ACRE (0.000000000000000000002117582368135740611048939994140625 TONS/1000 SQ. FT.)
78. MULCH: 0.0000000000000000000010587911840678530555244998828125 TON PER ACRE (0.0000000000000000000010587911840678530555244998828125 TONS/1000 SQ. FT.)
79. MULCH: 0.000000000000000000000529395592033926527762249994140625 TON PER ACRE (0.000000000000000000000529395592033926527762249994140625 TONS/1000 SQ. FT.)
80. MULCH: 0.000000000000000000000264697796016963263881124998828125 TON PER ACRE (0.000000000000000000000264697796016963263881124998828125 TONS/1000 SQ. FT.)
81. MULCH: 0.00000000000000000000013234889800848163194056249994140625 TON PER ACRE (0.00000000000000000000013234889800848163194056249994140625 TONS/1000 SQ. FT.)
82. MULCH: 0.0000000000000000000000661744490042408157028124998828125 TON PER ACRE (0.0000000000000000000000661744490042408157028124998828125 TONS/1000 SQ. FT.)
83. MULCH: 0.000000000000000000000033087224502120407851406249994140625 TON PER ACRE (0.000000000000000000000033087224502120407851406249994140625 TONS/1000 SQ. FT.)
84. MULCH: 0.000000000000000000000016543612251060204275703124998828125 TON PER ACRE (0.000000000000000000000016543612251060204275703124998828125 TONS/1000 SQ. FT.)
85. MULCH: 0.0000000000000000000000082718061255303021387856249994140625 TON PER ACRE (0.0000000000000000000000082718061255303021387856249994140625 TONS/1000 SQ. FT.)
86. MULCH: 0.000000000000000000000004135903062765151068928124998828125 TON PER ACRE (0.000000000000000000000004135903062765151068928124998828125 TONS/1000 SQ. FT.)
87. MULCH: 0.00000000000000000000000206795153138275534446406249994140625 TON PER ACRE (0.00000000000000000000000206795153138275534446406249994140625 TONS/1000 SQ. FT.)
88. MULCH: 0.00000000000000000000000103397576569137772223203124998828125 TON PER ACRE (0.00000000000000000000000103397576569137772223203124998828125 TONS/1000 SQ. FT.)
89. MULCH: 0.00000000000000000000000051698788284568886

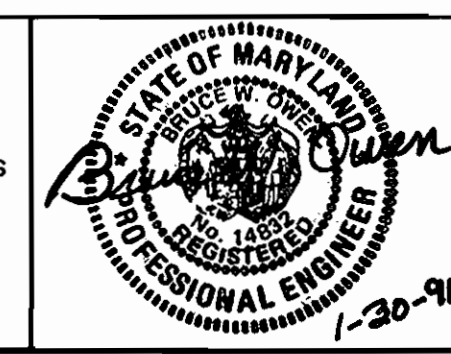


DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James P. ... 10/1/91
DIRECTOR OF PUBLIC WORKS DATE

Robert M. ... 7-3-91
CHIEF, BUREAU OF UTILITIES DATE

Dewberry & Davis
ARCHITECTS • ENGINEERS • PLANNERS • SURVEYORS
200 Harry S. Truman Parkway, Annapolis, Maryland 21401
8411 Arlington Boulevard, Fairfax, Virginia 22030



DES:	
DRN:	
CHK:	
DATE:	1/30/91
BY:	NO.
REVISION:	

PUMPING STATION BUILDING
PLAN, SECTIONS,
ELECTRICAL AND DETAILS

600' SCALE MAP NO. 42 BLOCK NO. 19

ANNAPOLIS JUNCTION COLLECTION SYSTEM
CAPITAL PROJECT: S-6158 CONTRACT NO: 20-3015
ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 7 OF 7