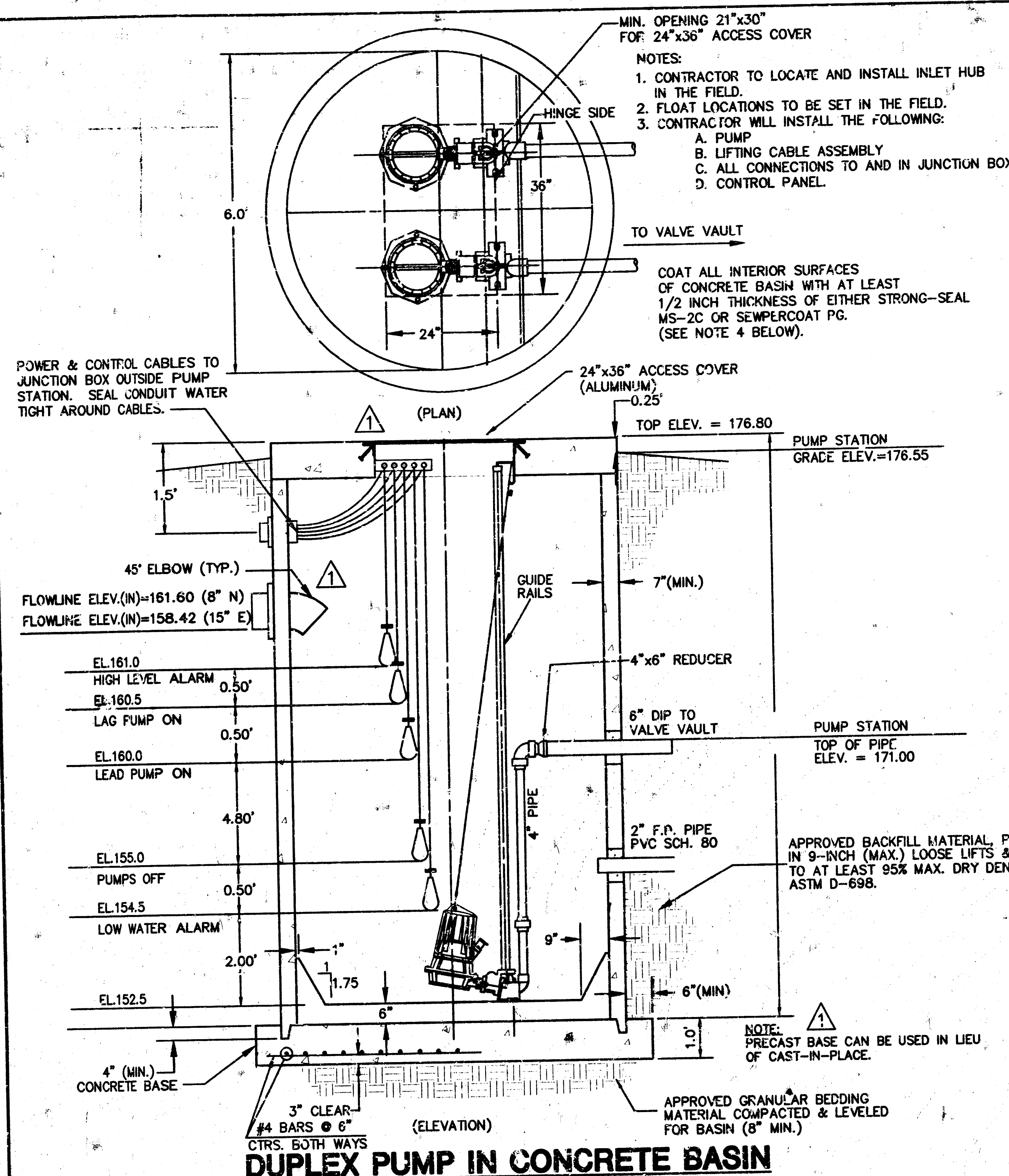
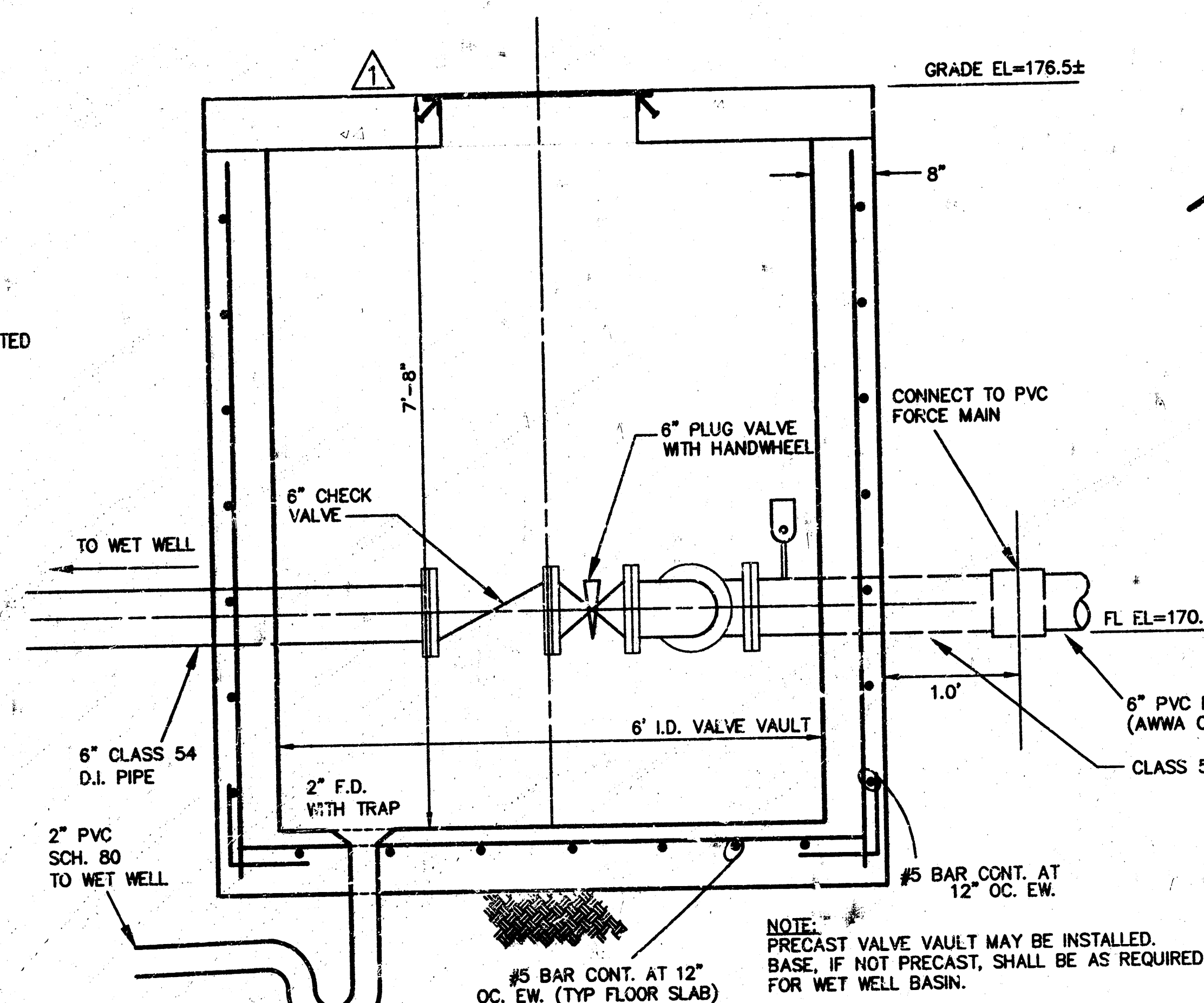
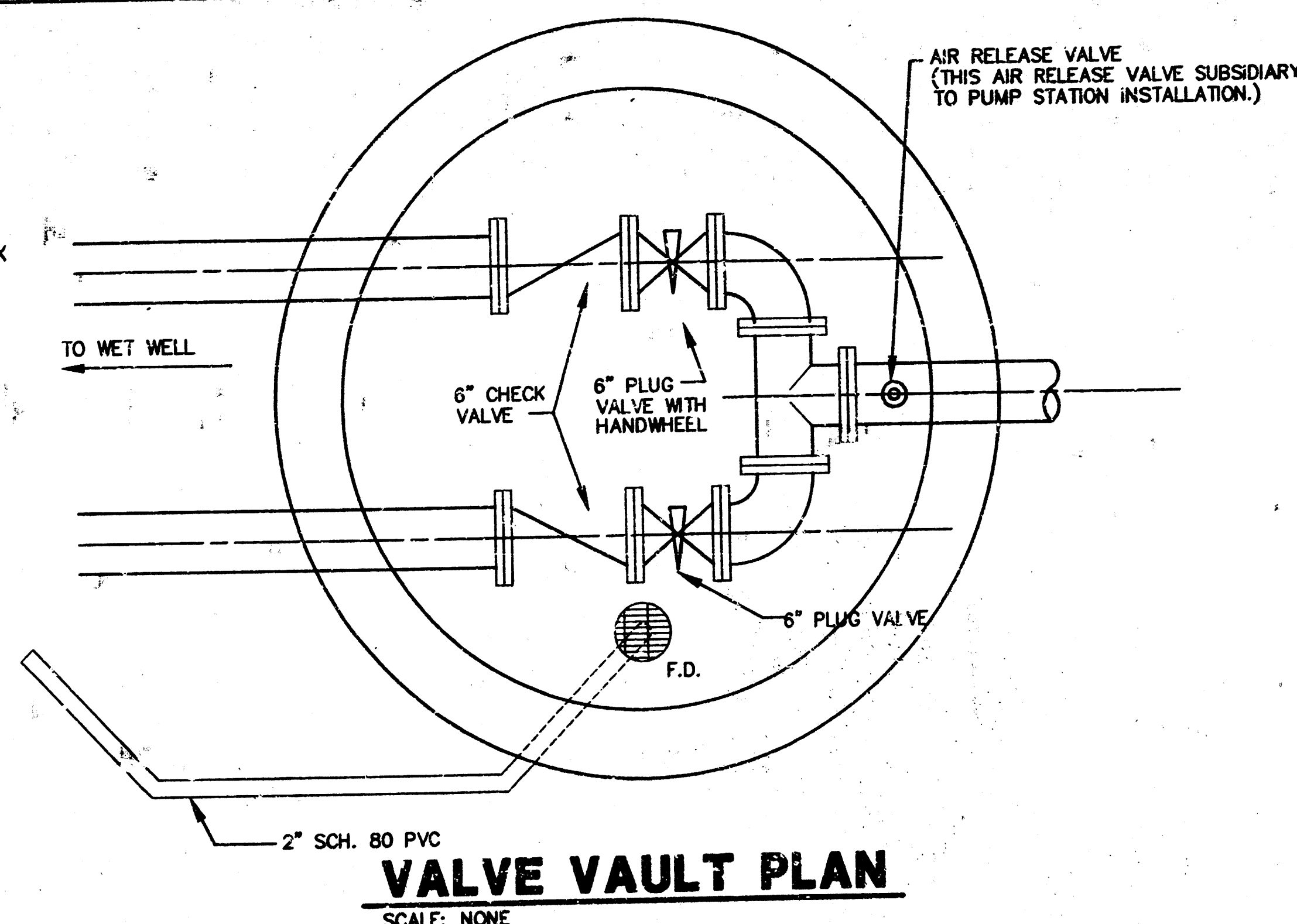




GENERAL NOTES - PRECAST MANHOLE SECTIONS FOR WET WELL & CONNECTIONS OF PIPES TO WET WELL

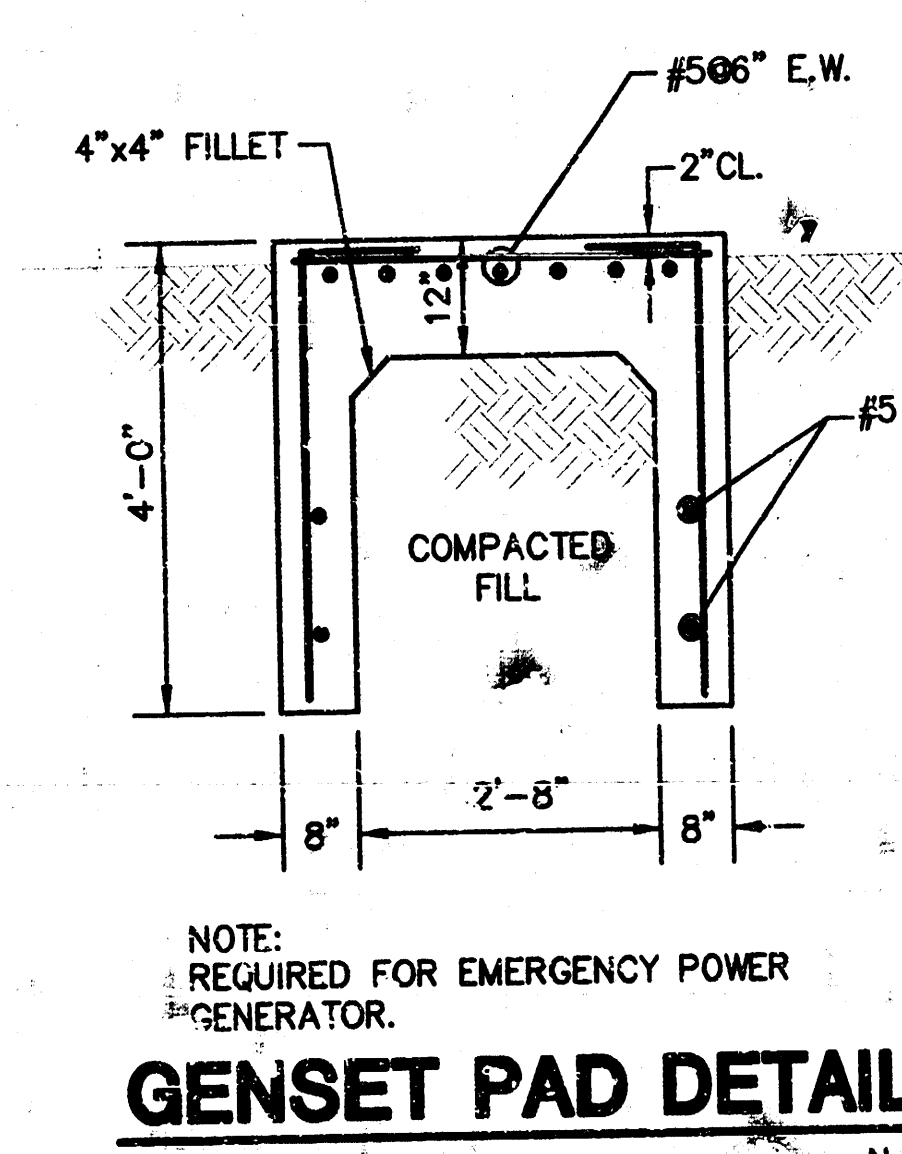
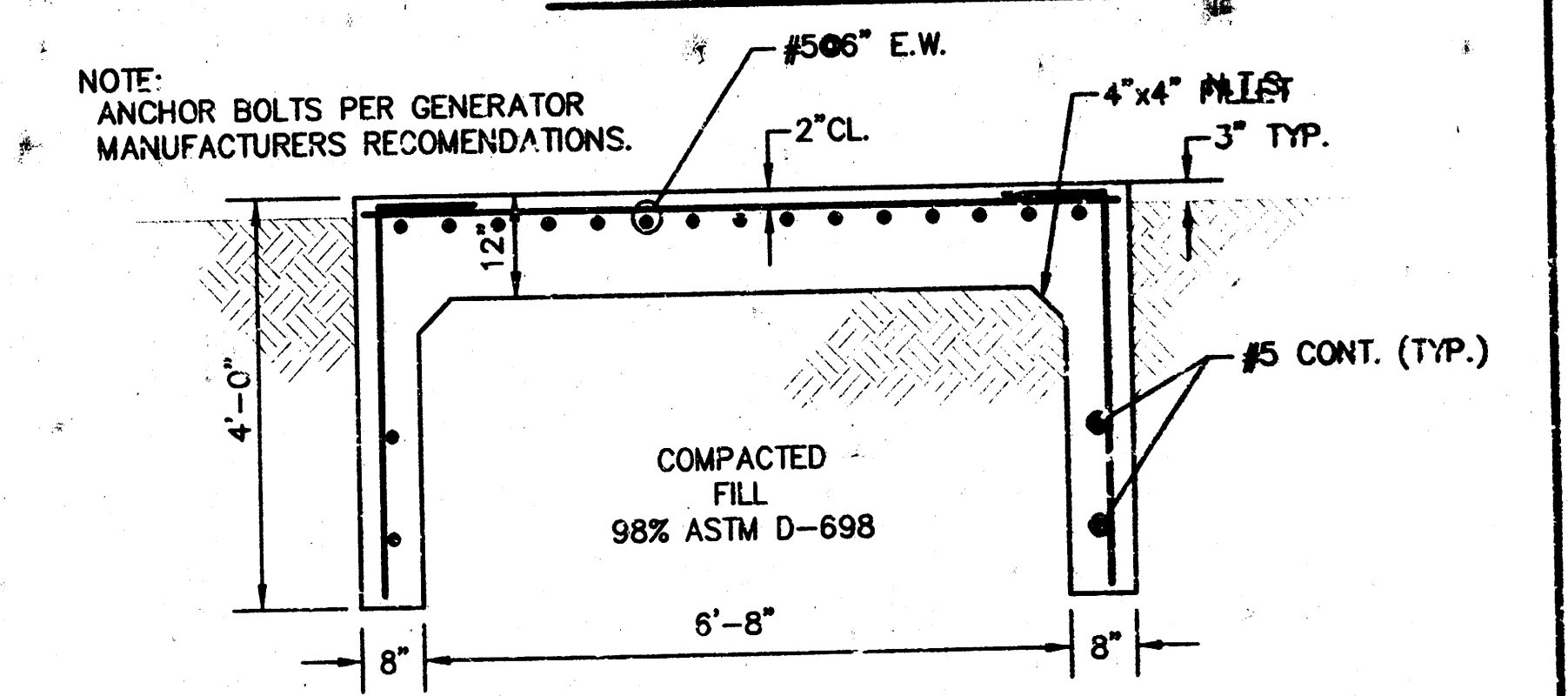
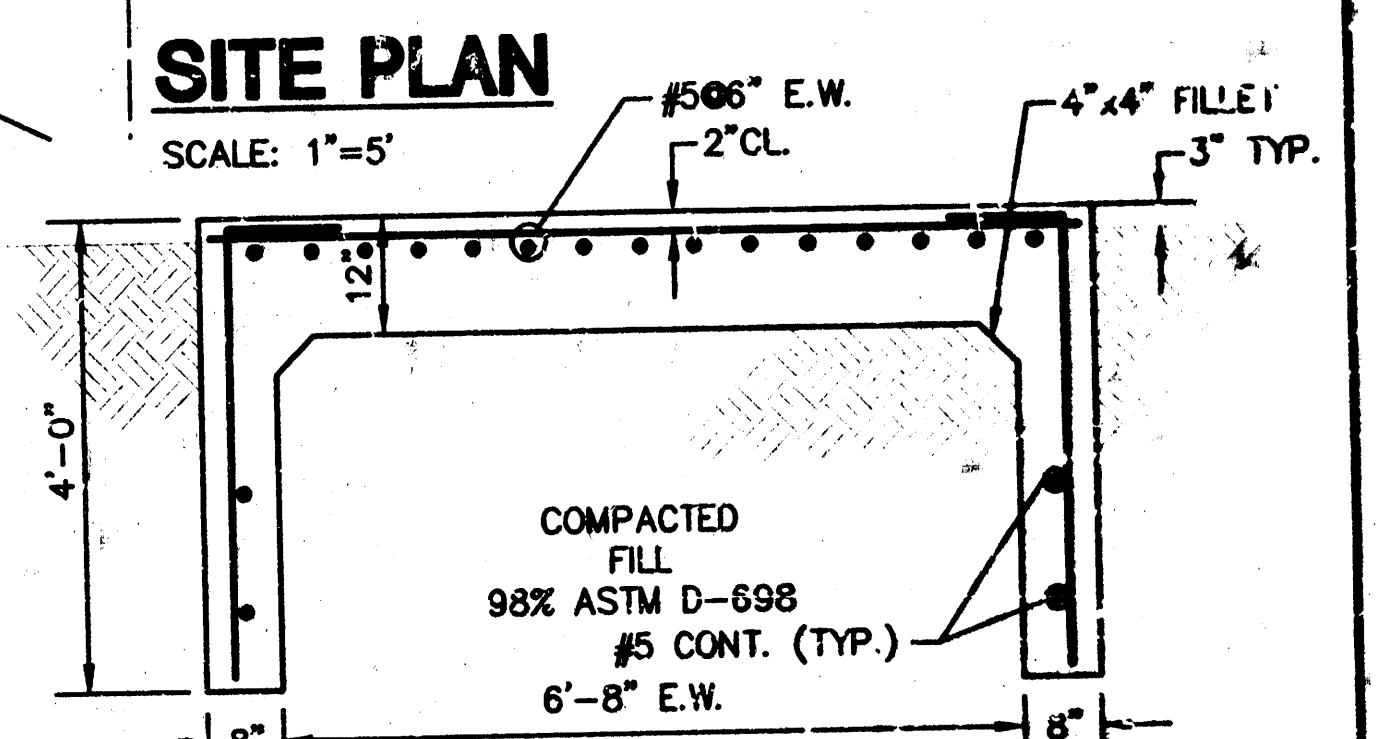
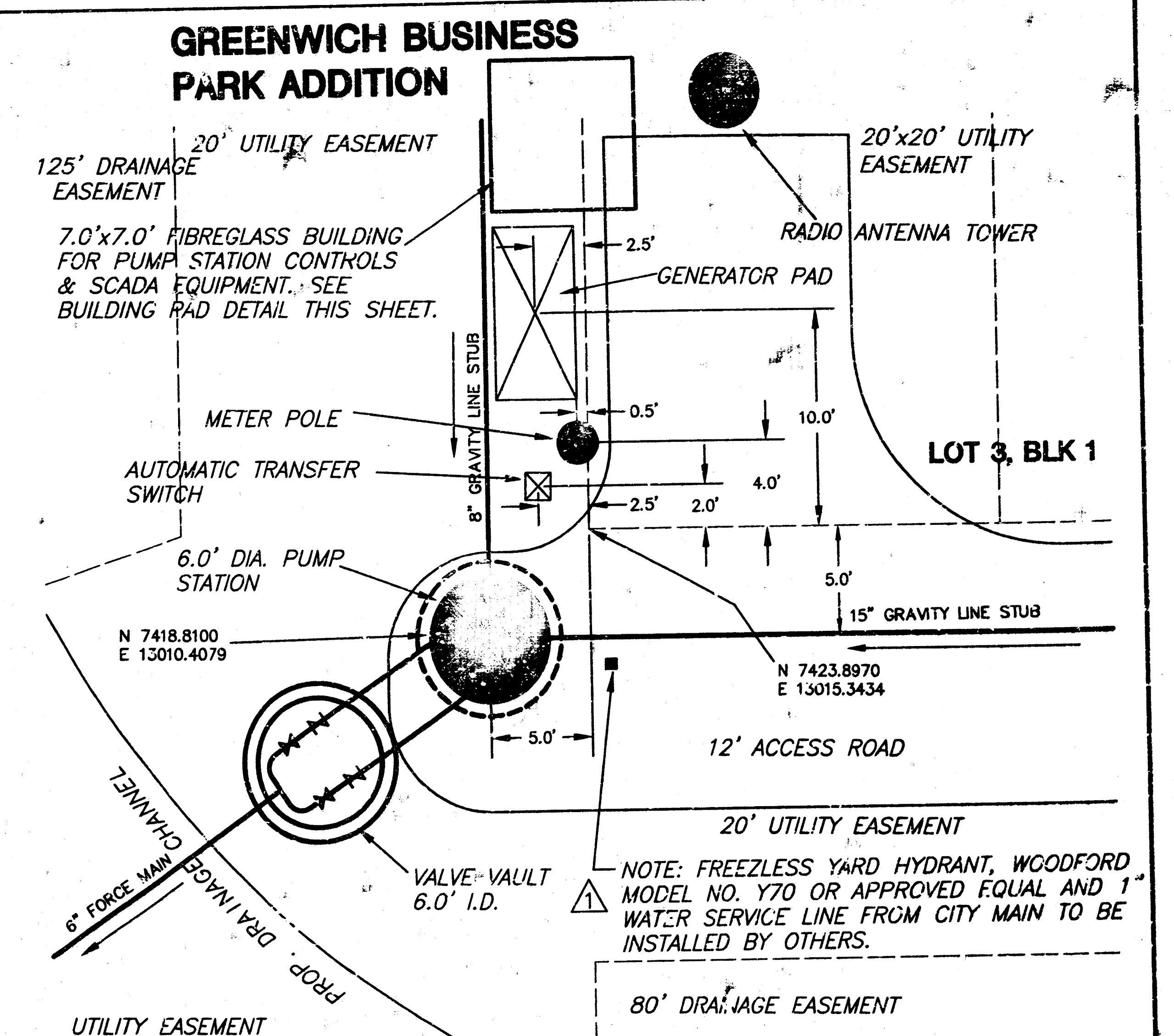
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
- NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
- APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
- ALL INSIDE SURFACES OF THE CONCRETE WET WELL SHALL BE COATED WITH EITHER STRONG-SEAL MS-2C OR SEWPERCOAT PG. DRY FILM THICKNESS OF 1/2 INCH (MIN.) TOTAL FOR TWO COATS.
- EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT OF COAL TAR, 8 MILS (MIN.) DRY FILM THICKNESS, SUITABLE FOR USE IN IMMERSION AND BELOW GRADE ENVIRONMENTS.
- JOINT SEALING COMPOUND SHALL MEET THE REQUIREMENTS OF AASHTO M198, TYPE B.
- PRECAST CYLINDERS SHALL BE SET AT LEAST 4 INCHES INTO THE CONCRETE BASE.
- LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
- REINFORCING STEEL SHALL BE INSTALLED IN THE WET WELL BASE AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE BASE SLAB. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PUMP STATION.
- PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE WET WELL SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. COST OF CRADLE WITHIN MANHOLE EXCAVATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PUMP STATION.



WET WELL MOUNTED PUMP STATION							
MARK	TOP SLAB EL.	INFLUENT FLOW EL. (N)	INFLUENT SIZE	INFLUENT FLOW EL. (E)	SUCTION SIZE	EFFLUENT PIPE SIZE	FORCE MAIN DISCHARGE EL.
PS-1	176.80	161.60	8"(N) 15"(E)	158.42	N/A	6"	170.50 (FL)

PUMP SCHEDULE							
NAME	TYPE	MINIMUM CAPACITY		MIN. CONN. SIZE		MOTOR	
		GPM	TDH (FT)	SUCTION	DISCHARGE	HP	ELECT.
PUMP #1	WASTEWATER	120	48	N/A	4"	9.4	1780 1 480/60/3
PUMP #2	WASTEWATER	120	48	N/A	4"	9.4	1780 1 480/53/3

- CONTRACTOR SHALL COORDINATE ELEVATIONS OF FLOATS WITH LARRY KOONTZ (CITY OF WICHITA) 529-9900.
- CONTRACTOR SHALL INSTALL 2 POSTS AND A CHAIN FOR GATE AT ENTRANCE OF PUMP STATION ACCESS ROAD OFF OF 21st STREET NORTH. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO PROJECT.



ADDENDUM

GREENWICH BUSINESS PARK WASTEWATER PUMP STATION AND FORCE MAIN FOR LATERAL 136 WIS

PROJECT NAME

WET WELL MOUNTED PUMP STATION GENSET PAD

SHEET TITLE

MID-KANSAS ENGINEERING CONSULTANTS, INC.

411 N. WEBB ROAD WICHITA, KS. 67206

316-684-9600

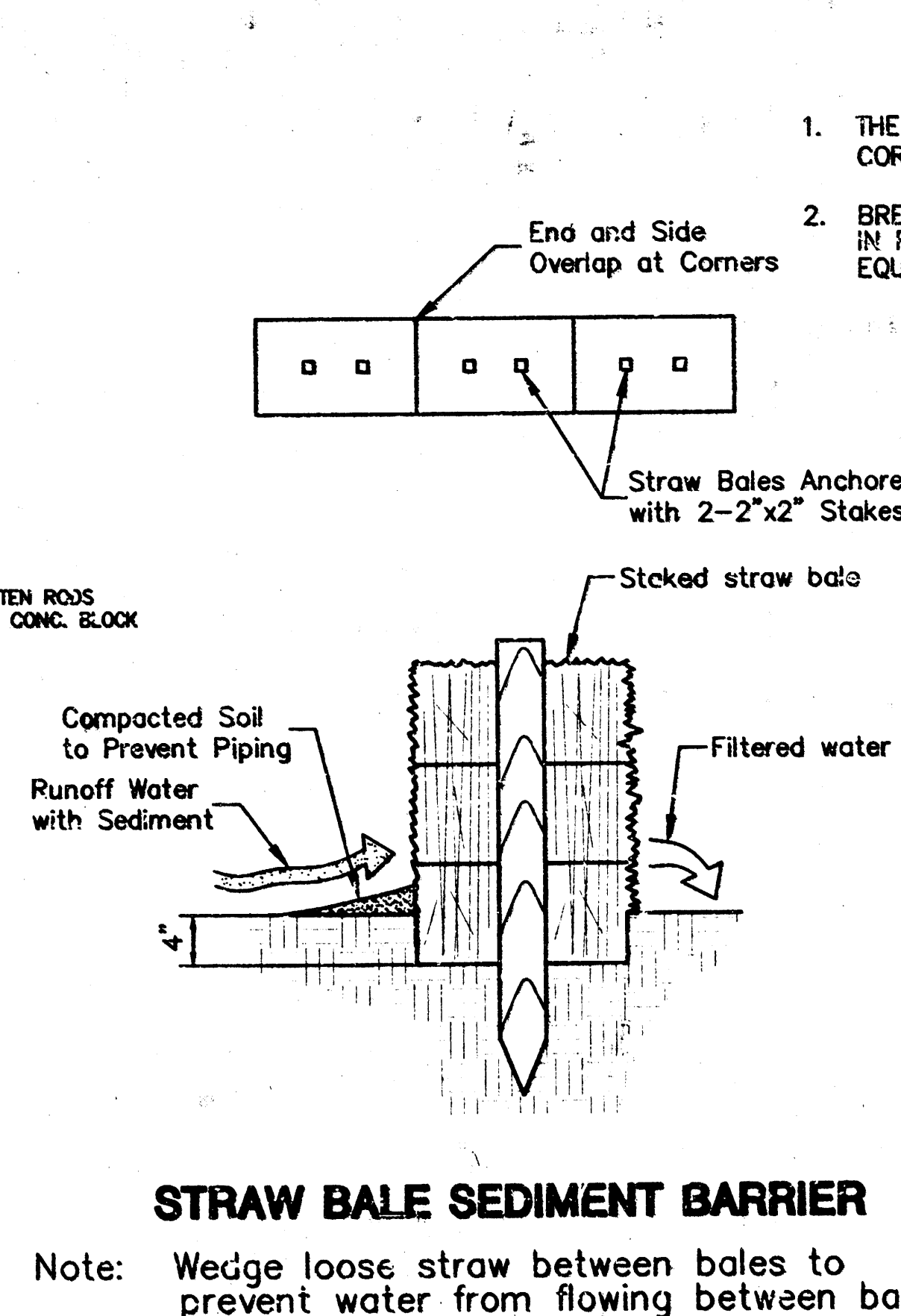
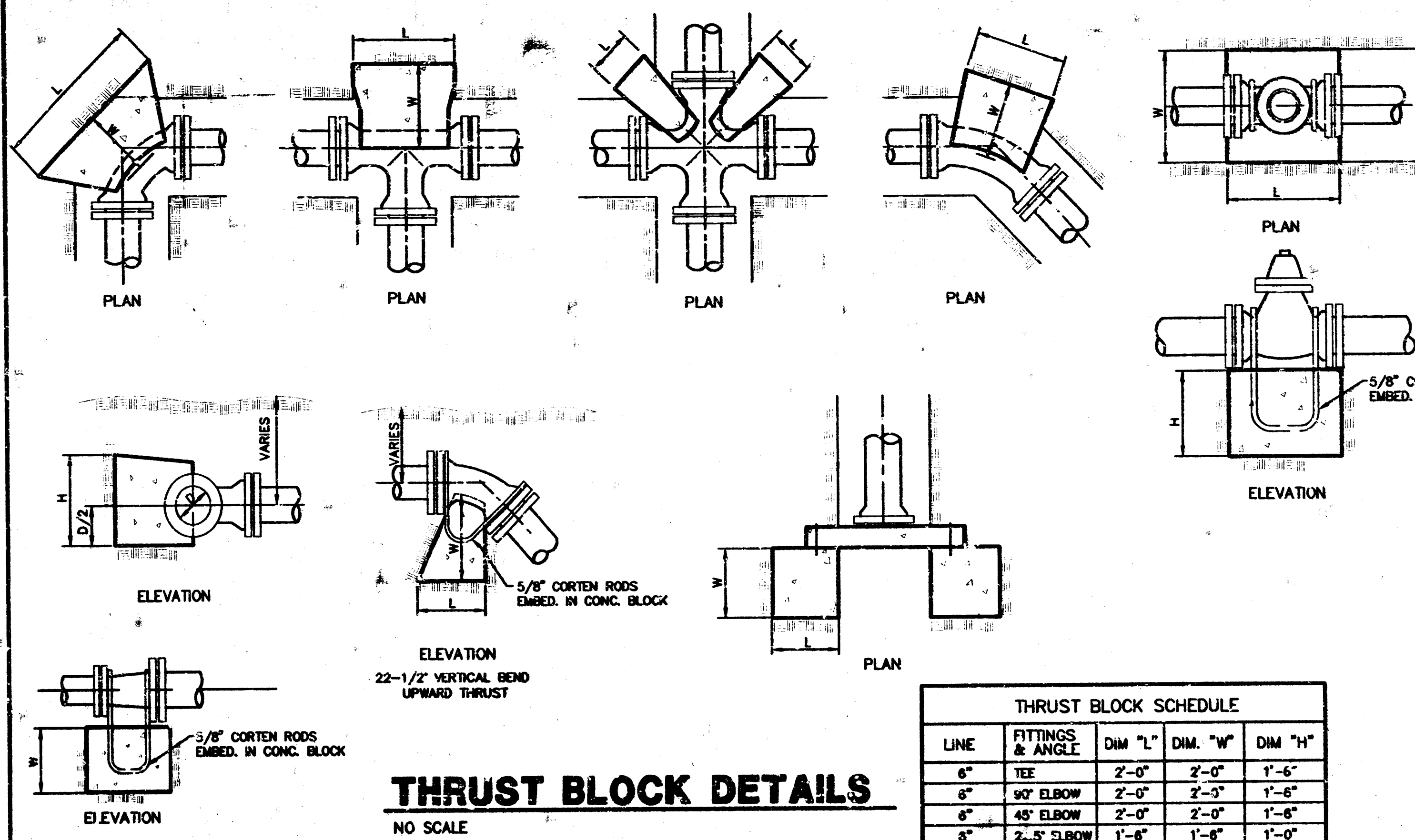
DESIGN BY: R.S.P.

DRAWN BY: 6065BD1

CHECKED BY: 2R/7

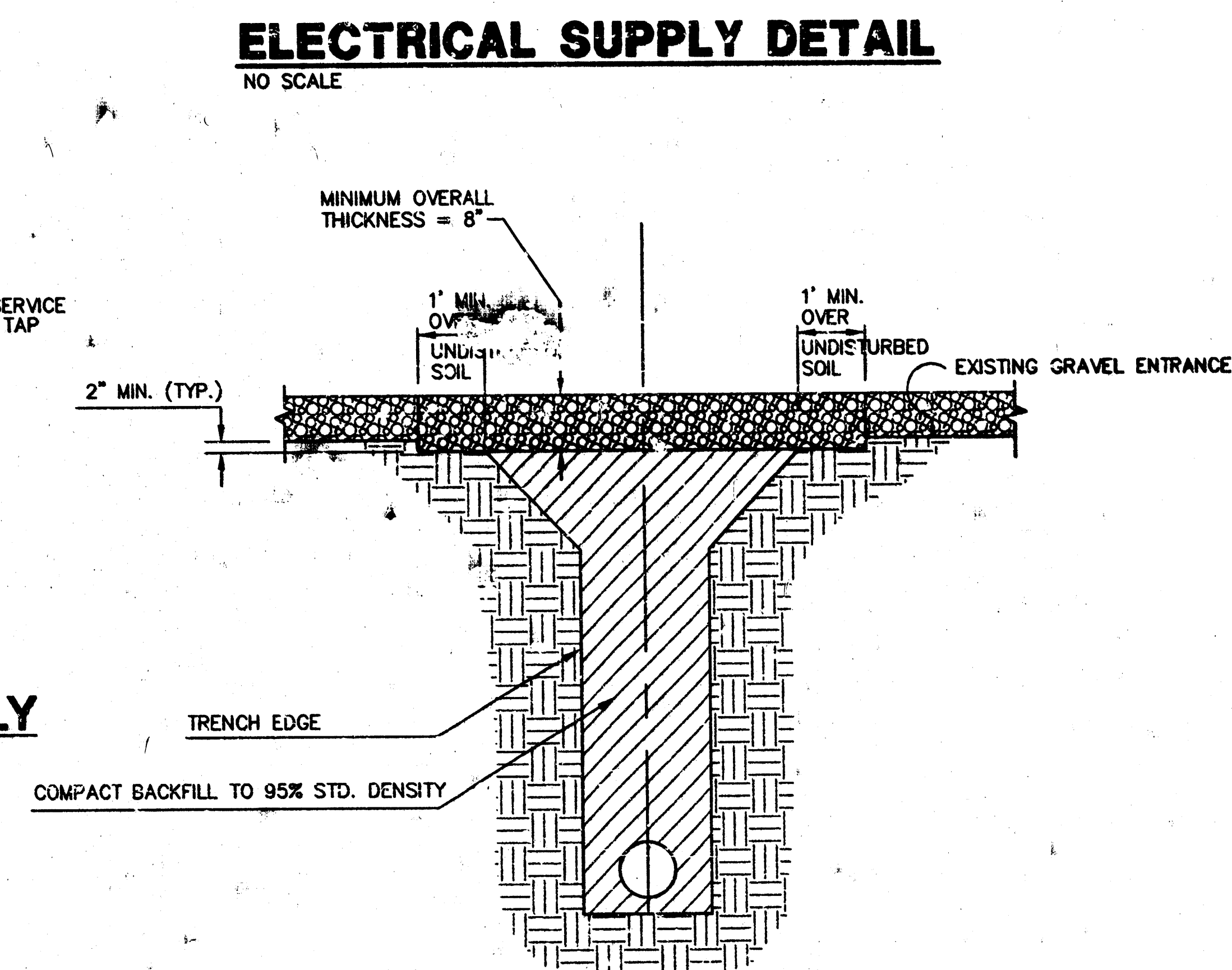
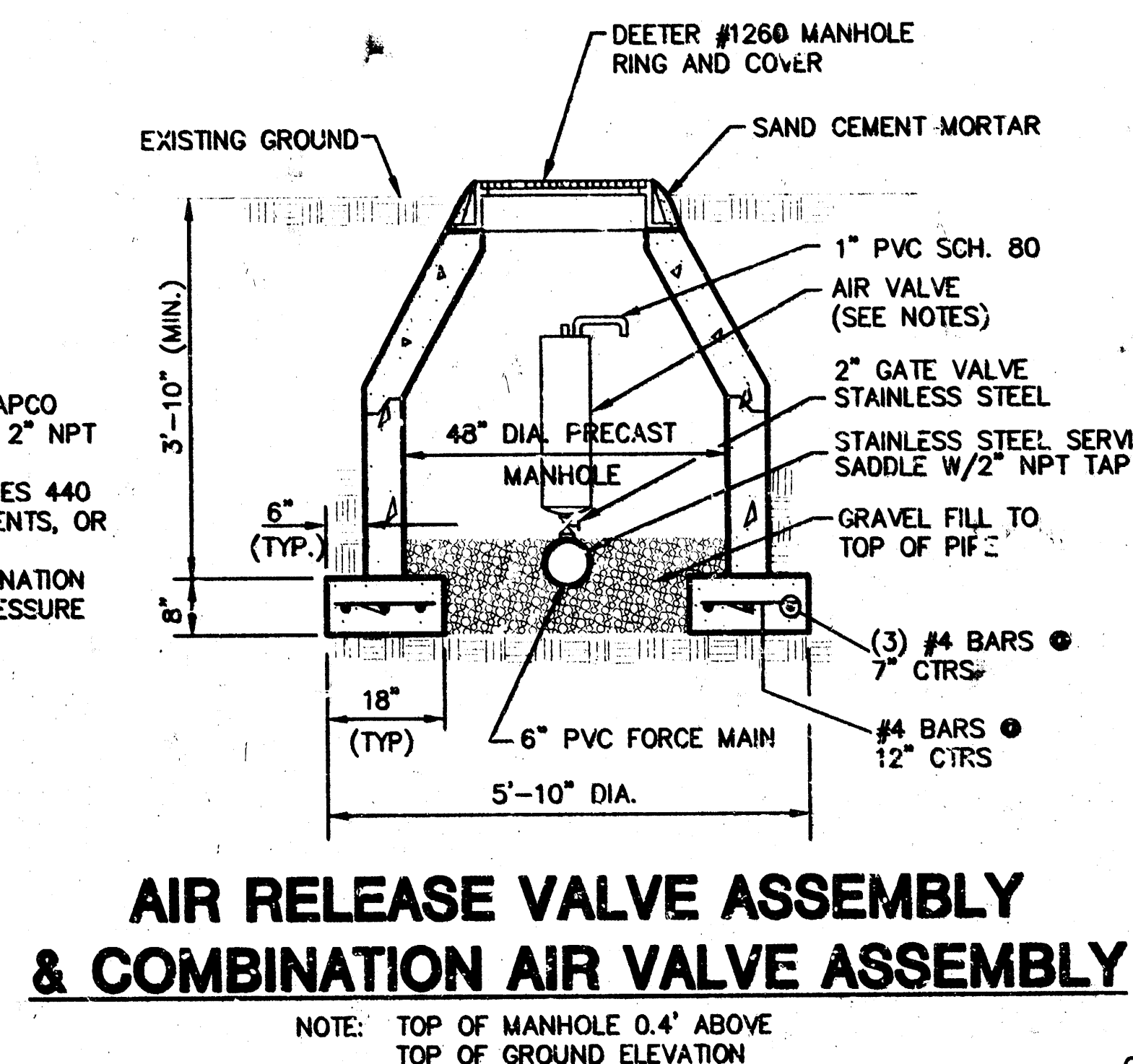
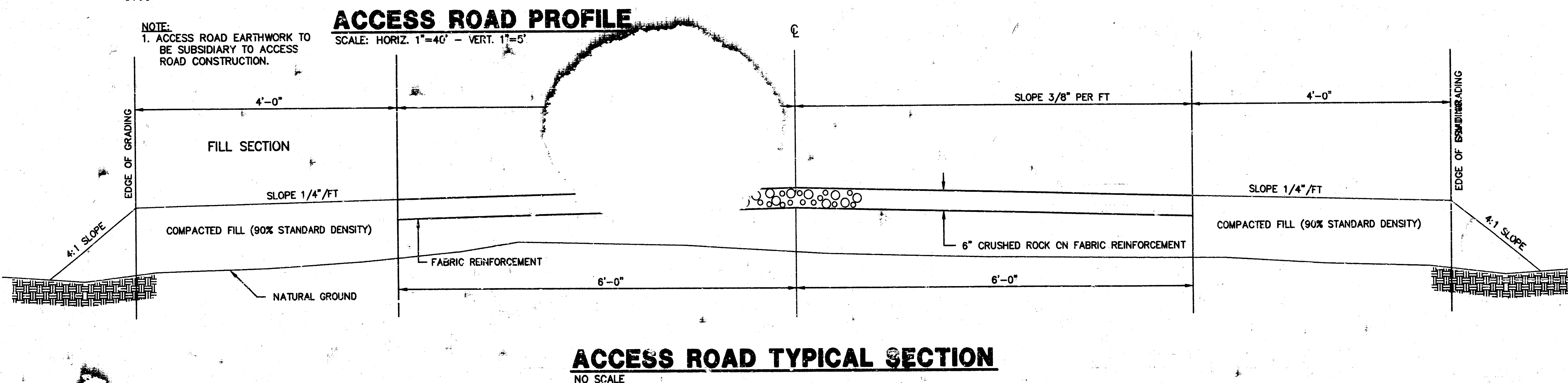
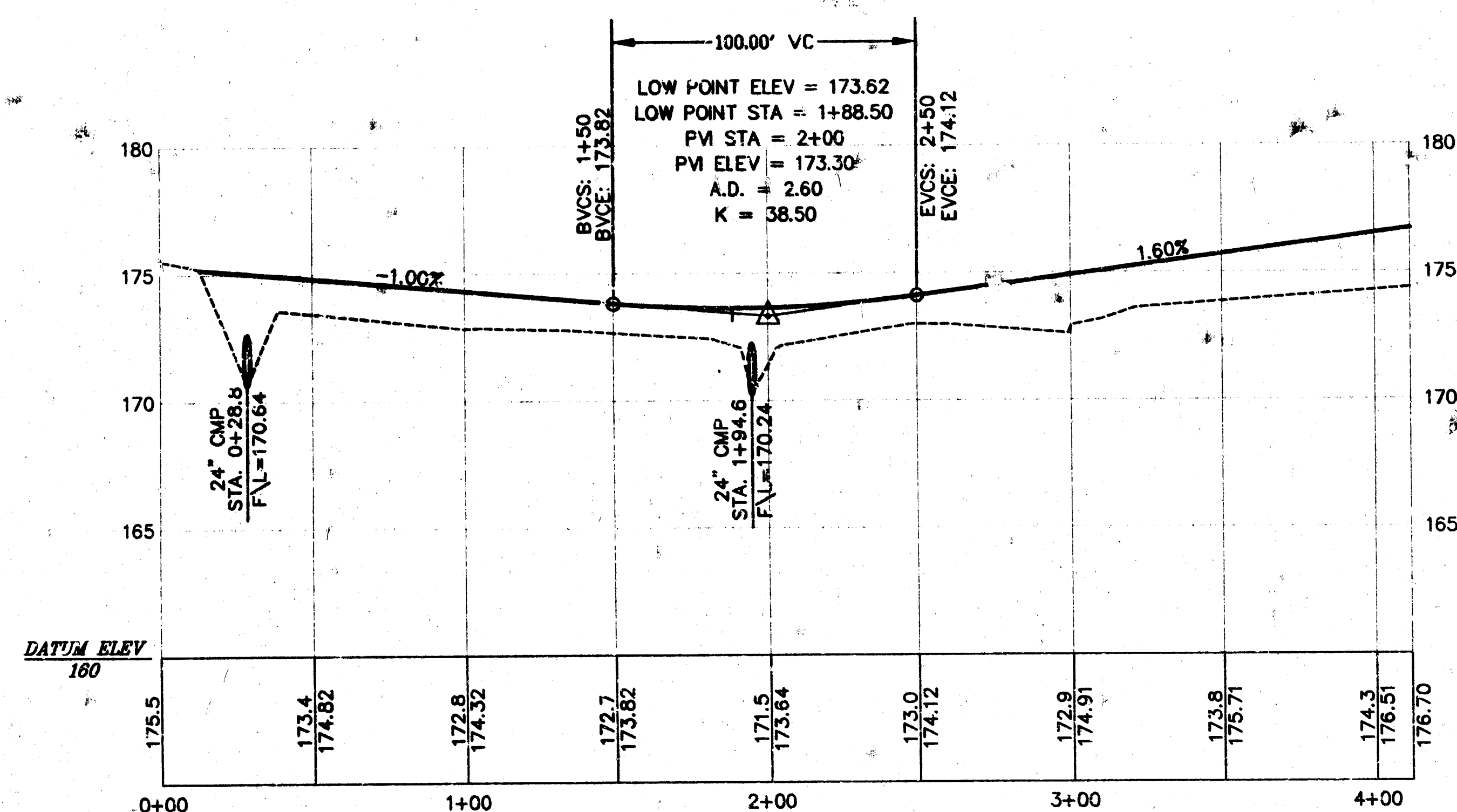
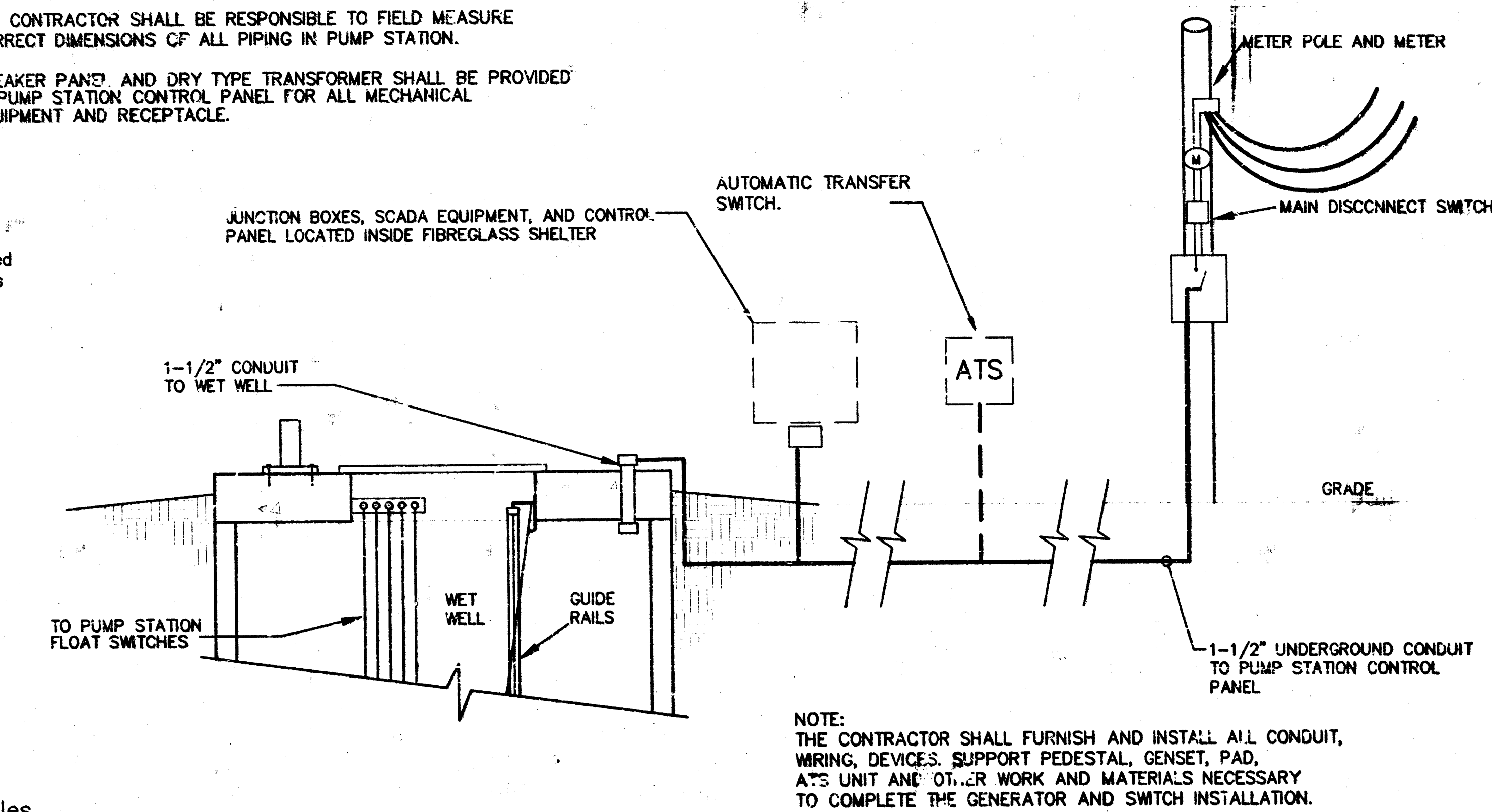
DATE: 5/29/97

1 JOB NO. 1 SHEET OF



GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD MEASURE CORRECT DIMENSIONS OF ALL PIPING IN PUMP STATION.
2. BREAKER PANEL AND DRY TYPE TRANSFORMER SHALL BE PROVIDED IN PUMP STATION CONTROL PANEL FOR ALL MECHANICAL EQUIPMENT AND RECEPTACLE.



GREENWICH BUSINESS PARK WASTEWATER PUMP STATION AND FORCE MAIN FOR LATERAL 138 WIS
PROJECT NAME

MISC. DETAILS
SHEET TITLE

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9603

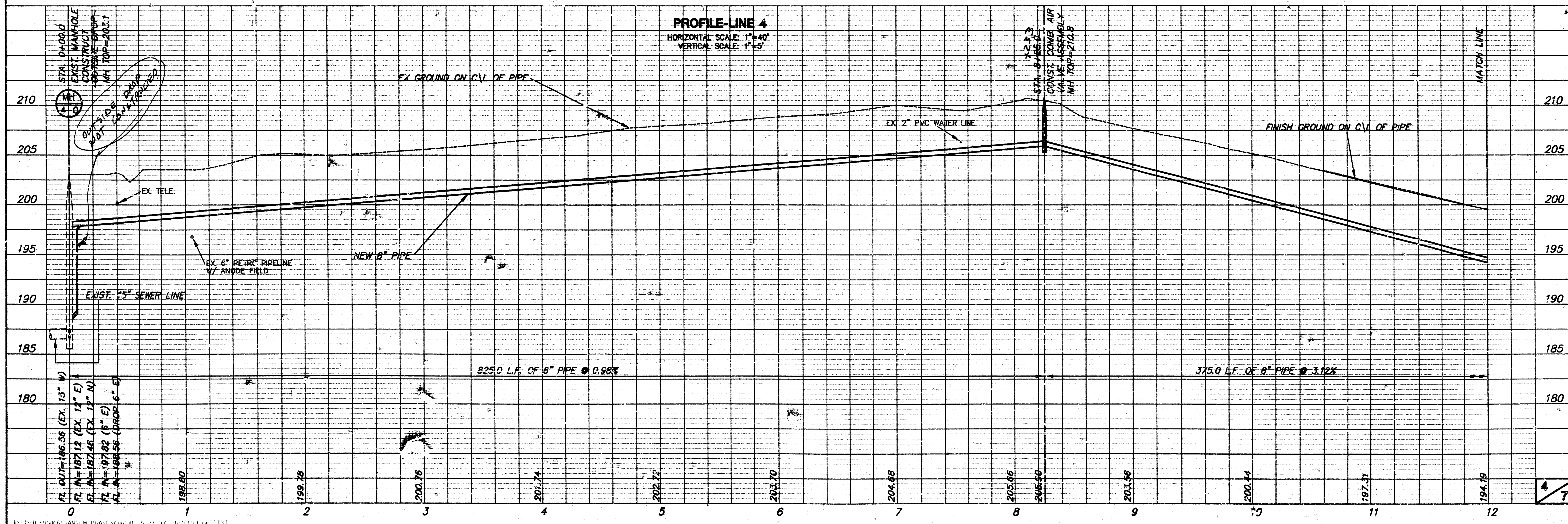
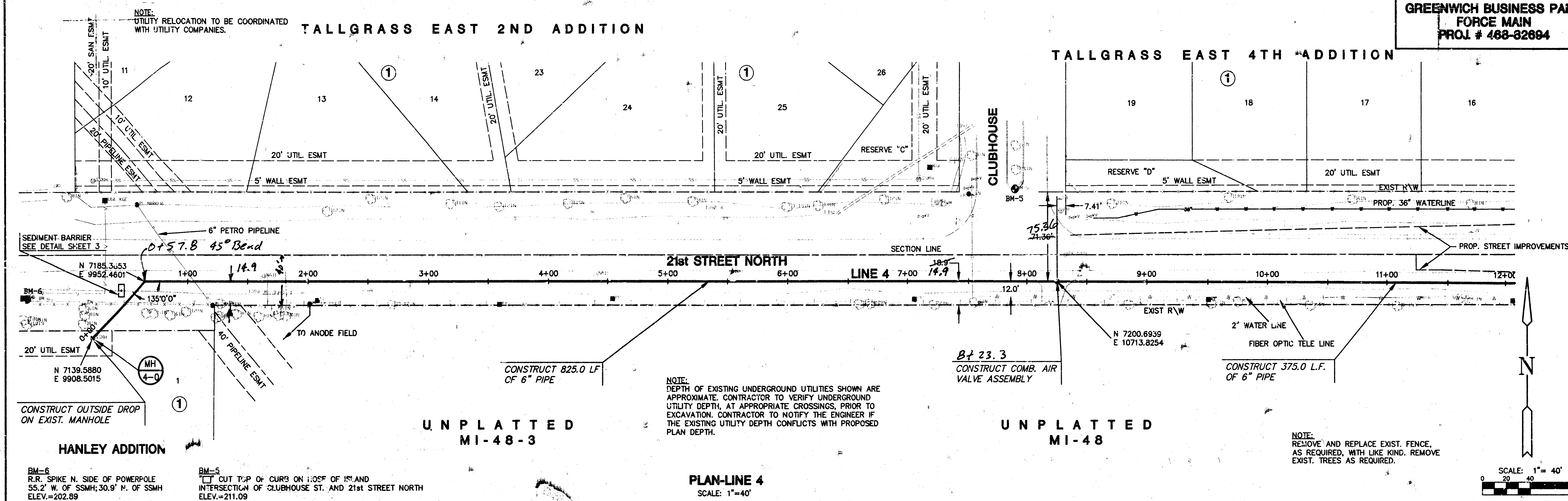
DESIGN BY: M.K.E.C.
DRAWN BY: M.K.E.C.
DATE: 5/27/97

CHECKED BY: M.K.E.C.
JOB NO.: 506623
SHEET/OF: 3 / 7

**GREENWICH BUSINESS PARK
FORCE MAIN
PROJ. # 488-82694**

TALLGRASS EAST 2ND ADDITION

TALLGRASS EAST 4TH ADDITION



TALEGRASS EAST 4th ADDITION

BENCHMARKS

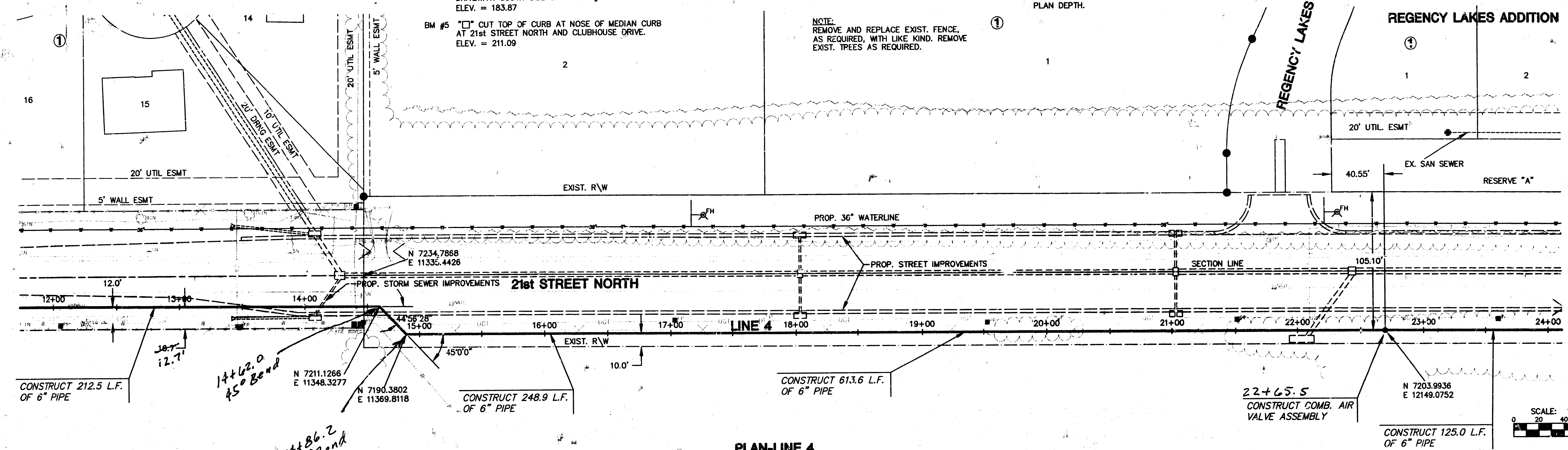
BM #4 R.R. SPIKE, NORTH EDGE OF ASPHALT AT C/V OF DRIVEWAY, SOUTH SIDE OF HOUSE #10715. ELEV. = 183.87
 BM #5 " " CUT TOP OF CURB AT NOSE OF MEDIAN CURB AT 21st STREET NORTH AND CLUBHOUSE DRIVE. ELEV. = 211.09

REGENCY LAKES 2nd ADDITION

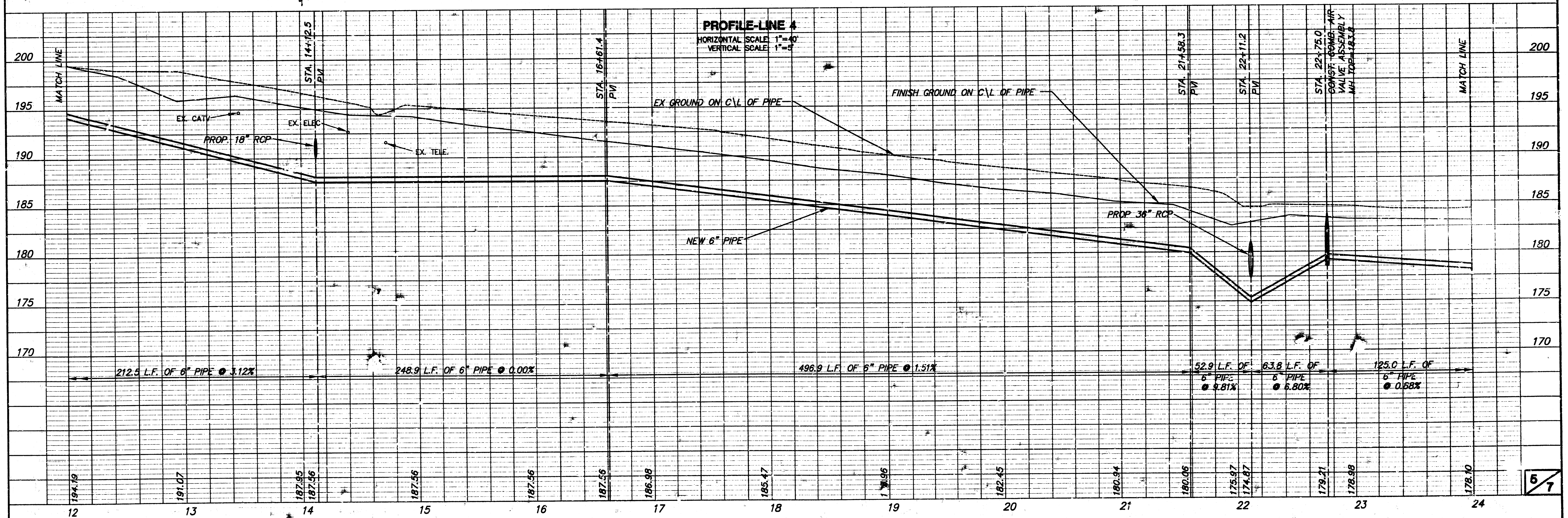
NOTE: REMOVE AND REPLACE EXIST. FENCE, AS REQUIRED, WITH LIKE KIND. REMOVE EXIST. TREES AS REQUIRED.

NOTE: DEPTH OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY UNDERGROUND UTILITY DEPTH, AT APPROPRIATE CROSSINGS, PRIOR TO EXCAVATION. CONTRACTOR TO NOTIFY THE ENGINEER IF THE EXISTING UTILITY DEPTH CONFLICTS WITH PROPOSED PLAN DEPTH.

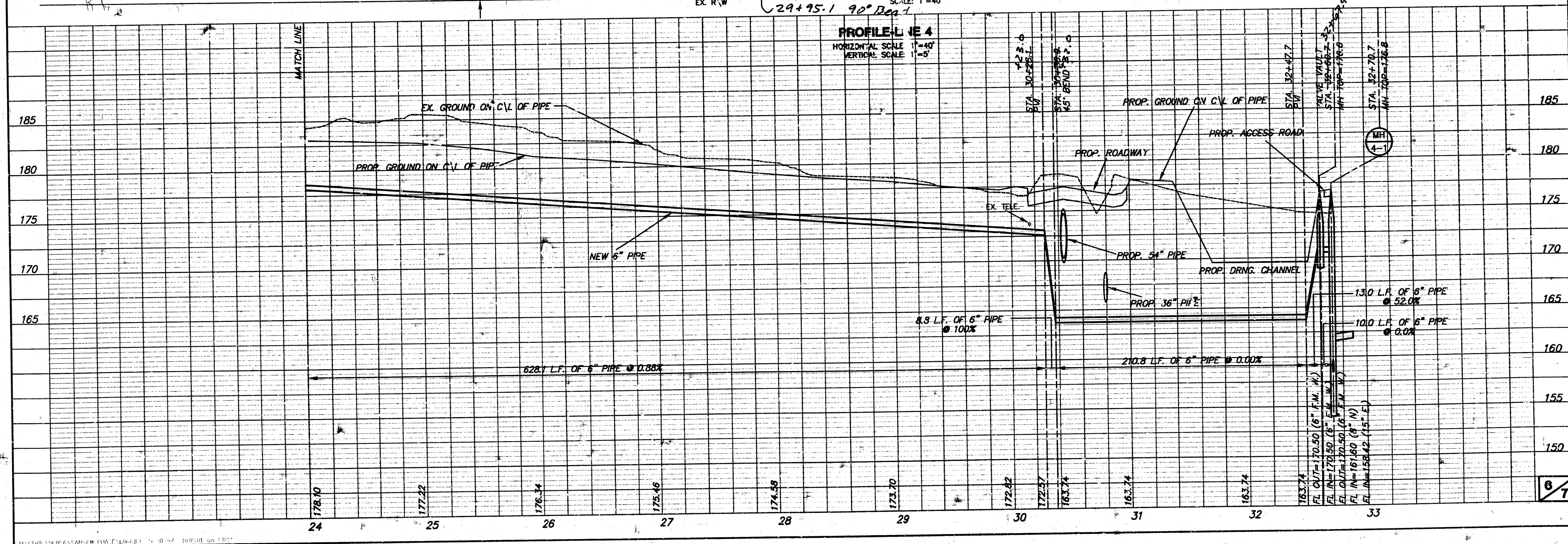
GREENWICH BUSINESS PARK
 FORCE MAIN
 PROJ. # 488-82634



PLAN-LINE 4
 SCALE: 1"=40'



PROFILE-LINE 4
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=5'

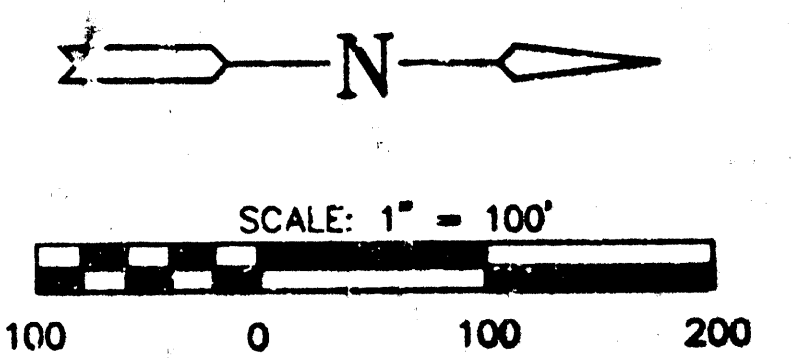


FINAL PLAT GREENWICH BUSINESS PARK ADDITION AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

N.W. COR. SE. 1/4
SEC. 4, TWP. 27 R. 2E.

S.W. COR. SE. 1/4
SEC. 4, TWP. 27 R. 2E.

Lot	Block	Min. Pod Elev. (City Datum)	Min. Pod Elev. (USGS Datum)
1		178.6	1368.0
2	1	177.9	1365.3
3	1	177.9	1365.3
4	1	177.9	1365.3
5	1	177.9	1365.3
6	1	178.9	1366.3
7	1	178.9	1366.3
8	1	178.3	1365.7
9	1	178.1	1365.5
10	1	178.2	1365.6
11	1	178.2	1365.6
12	1	178.2	1365.6
13	1	178.4	1366.8
14	1	180.6	1362.0
15	1	179.1	1364.5
16	1	178.8	1366.2
17	1	178.6	1366.0
18	1	178.6	1366.0
19	1	178.6	1366.0
20	1	178.6	1366.0
21	1	178.6	1366.0
22	1	178.6	1366.0



NOTES

BUILDING SETBACKS AND ADDITIONAL SETBACK
REQUIREMENTS ARE PER THE DEVELOPMENT PLAN
AS ON FILE WITH THE PLANNING DEPARTMENT.

LEGEND

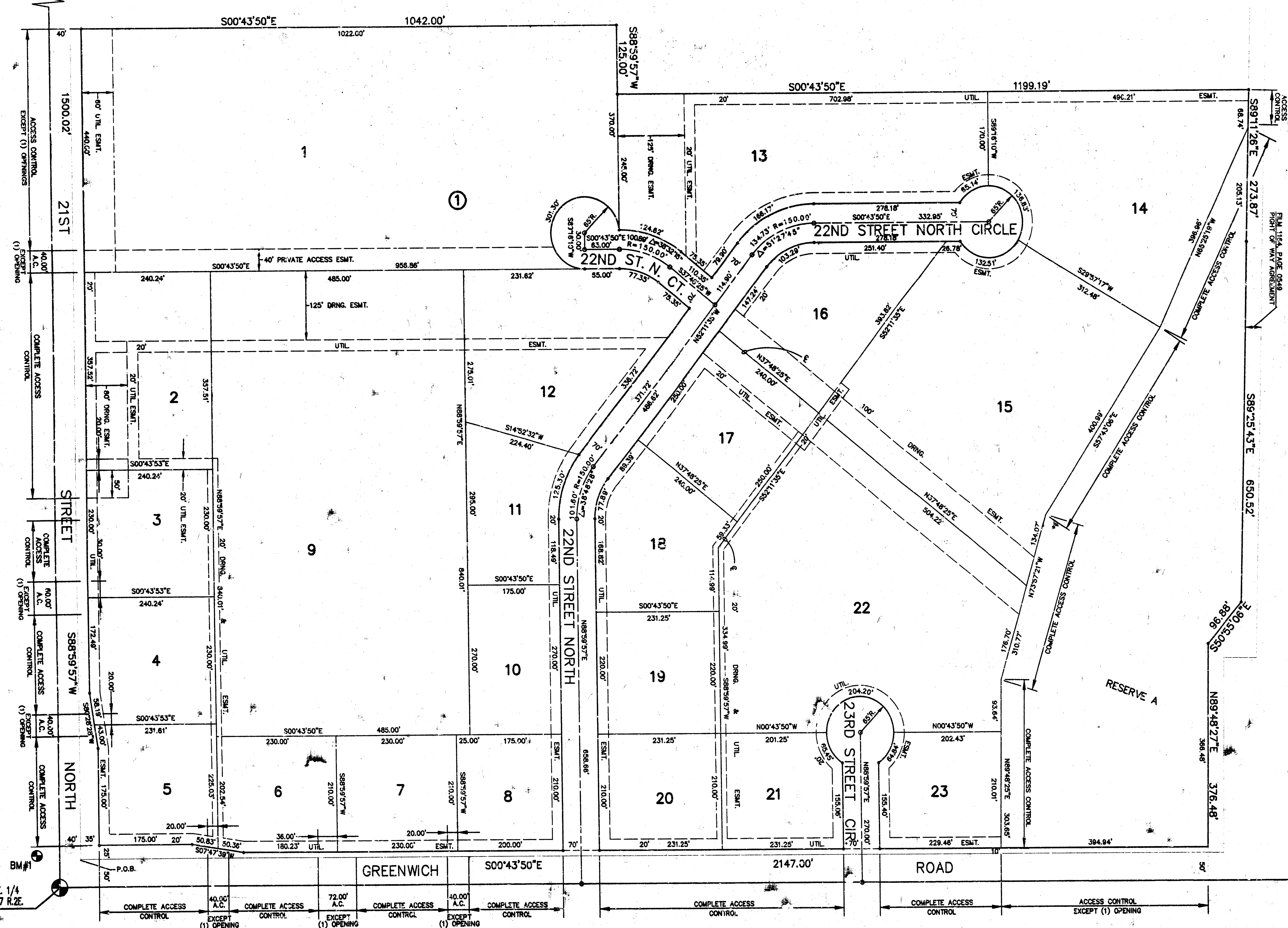
— IRON

BENCHMARK

BM#1 GREENWICH AND 21ST. ST. N.
COW, 41' SOUTH AND 58' WEST OF IRON CTR.
LINE BOTH. 17.0' SW OF ASPHALT, 14.2' EAST
OF FACE P.P. 17.0' WEST OF FACE P.P.
ELEV. = 173.98

N.E. COR. SE. 1/4
SEC. 4, TWP. 27 R. 2E.

S.E. COR. SE. 1/4
SEC. 4, TWP. 27 R. 2E.



10-3-15

7/7