

SANITARY SEWER PLANS LATERAL 136 WIS PROJECT NO. 468 82693

INDEX CODE 743120

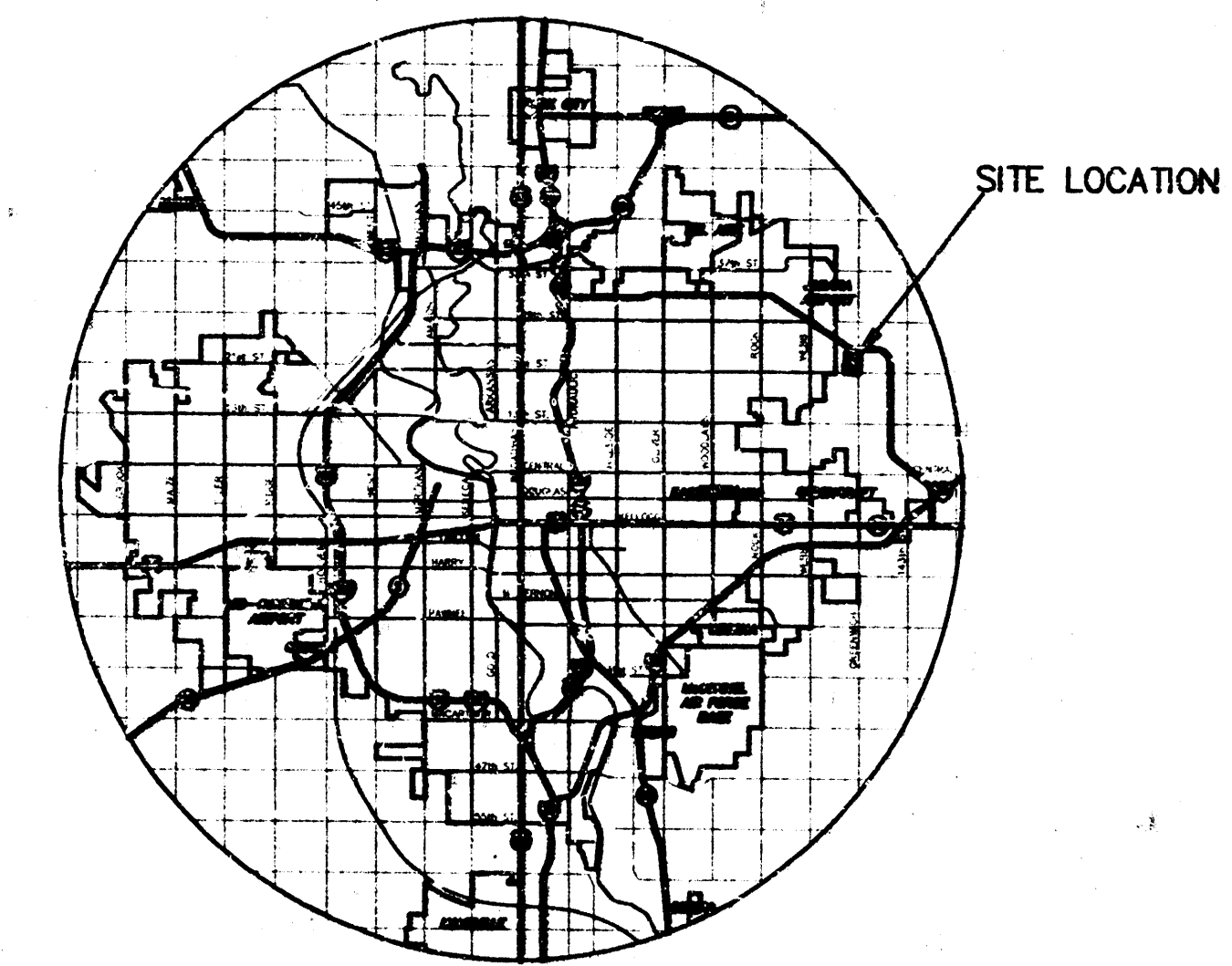
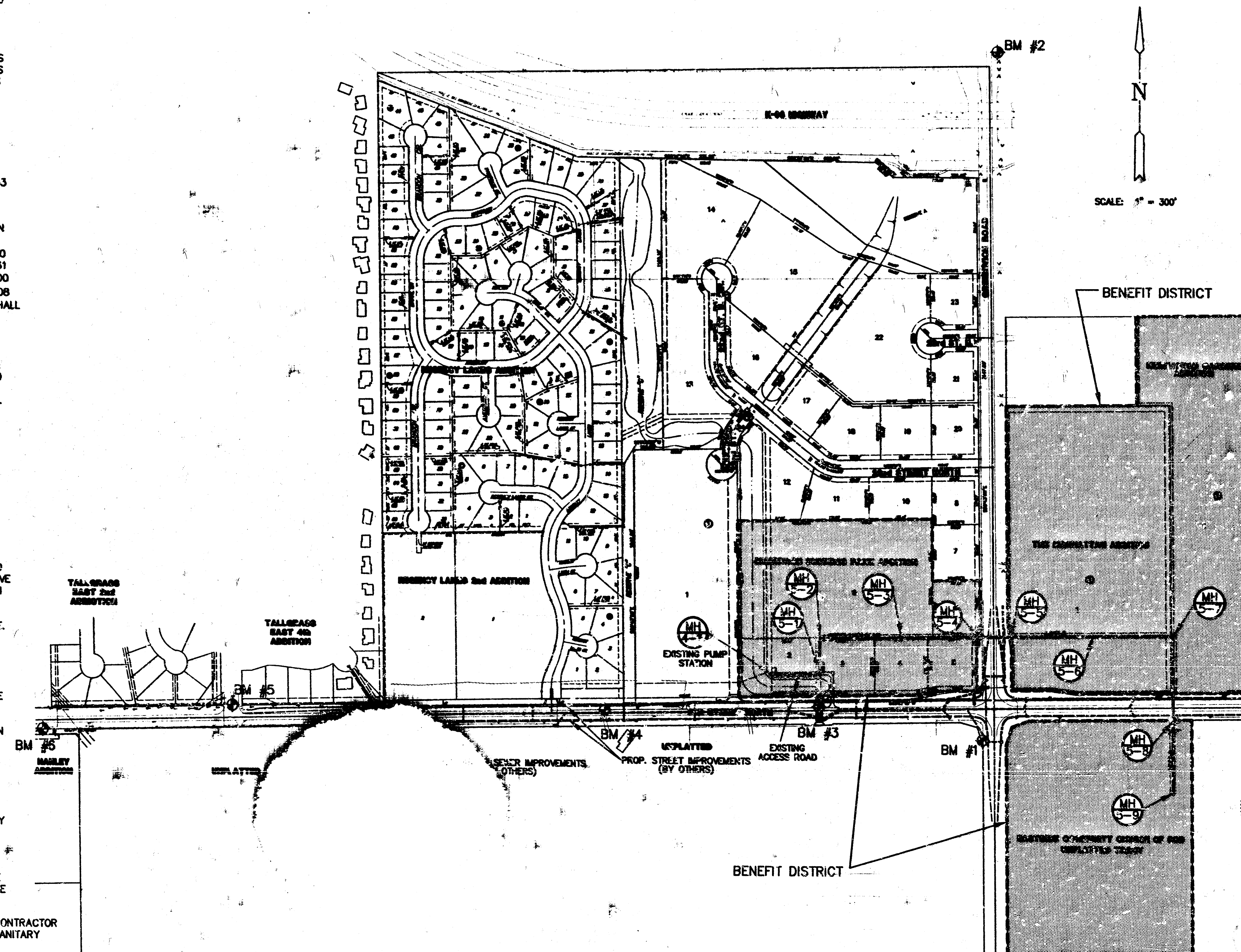
CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- EXISTING UTILITIES AND THEIR LOCATIONS AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- CONTRACTOR SHALL PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 1-800-344-7233
or 667-2470 (LOCAL WICHITA)
- THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
SOUTHWESTERN BELL TELEPHONE COMPANY 1-800-734-7630
CABLEVISION 262-0661
K.G.M.E. (C.S. & ELECTRIC) 262-8600
CITY OF WICHITA WATER & SEWER MAINTENANCE 268-4908
IF THE CONTRACTOR DAMAGES EITHER GAS OR ELECTRIC LINES, HE SHALL IMMEDIATELY INFORM EMERGENCY PERSONNEL THROUGH 911.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURNED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDING AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
- ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE.
- PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTION TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RESHAPING EXISTING MANHOLE INVERTS IS INCIDENTAL TO THE PROJECT.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- ALL DISTURBED AREAS SHALL BE SEEDED WITH RYE GRASS AT A RATE OF 200 LBS. / ACRE WITHIN 10 DAYS OF CONSTRUCTION. COST SHALL BE SUBSIDIARY TO PROJECT.
- CONTRACTOR SHALL INSTALL SEDIMENT BARRIERS AS INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ALL EROSION CAUSED BY SANITARY SEWER CONSTRUCTION.



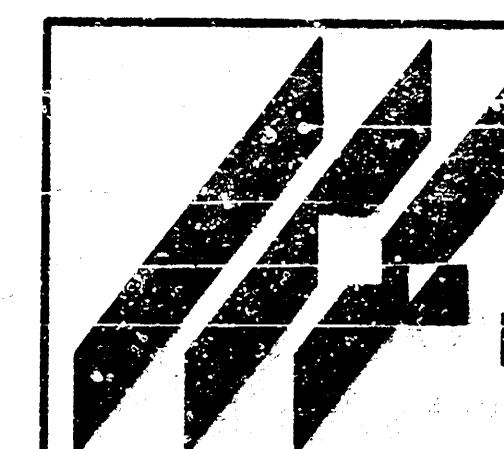
LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETAILS
3	DETAILS
4	LINE 5
5	LINE 5
6	LINE 5
7	FINAL PLAT

BENCHMARKS

- Booked
N-293
2/13/98
R. Leonis
- BM #1 GREENWICH AND 21st. N. COW, 41' SOUTH AND 58' WEST OF IRON CTR. LINE BOTH. 1' SW OF ASPHALT, 14.2' EAST OF FACE P.P., 17' WEST OF FACE P.P.. ELEV. = 173.98
- BM #2 STEP SPIKE IN WEST SIDE P.P., 6th POLE NORTH OF K-96 ON EAST SIDE OF GREENWICH RD. ELEV. = 184.45
- BM #3 "C" CUT C/L HEADWALL 3-8x4.5 BOXES, NORTH SIDE OF 21st STREET NORTH AT DITCH. ELEV. = 175.15
- BM #4 R.R. SPIKE, NORTH EDGE OF ASPHALT AT C/L OF DRIVEWAY, SOUTH SIDE OF HOUSE #10715. ELEV. = 183.87
- BM #5 "C" CUT TOP OF CURB AT NOSE OF MEDIAN CURB AT 21st STREET NORTH AND CLUBHOUSE DRIVE. ELEV. = 211.09
- BM #6 R.R. SPIKE NORTH SIDE OF POWER POLE. ELEV. = 202.89



MID-KANSAS ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

LATERAL 136 WIS
PROJECT NAME

TITLE SHEET
SHEET TITLE

D.L.M.	R.S.B.	MKEC
DESIGN BY:	DRAWN BY:	CHECKED BY:
5/27/97	98066-BT	1 / 7
DATE	FIG. NO.	SHEET OF

ADOPTED AS STANDARD DESIGN BY CITY OF WICHITA

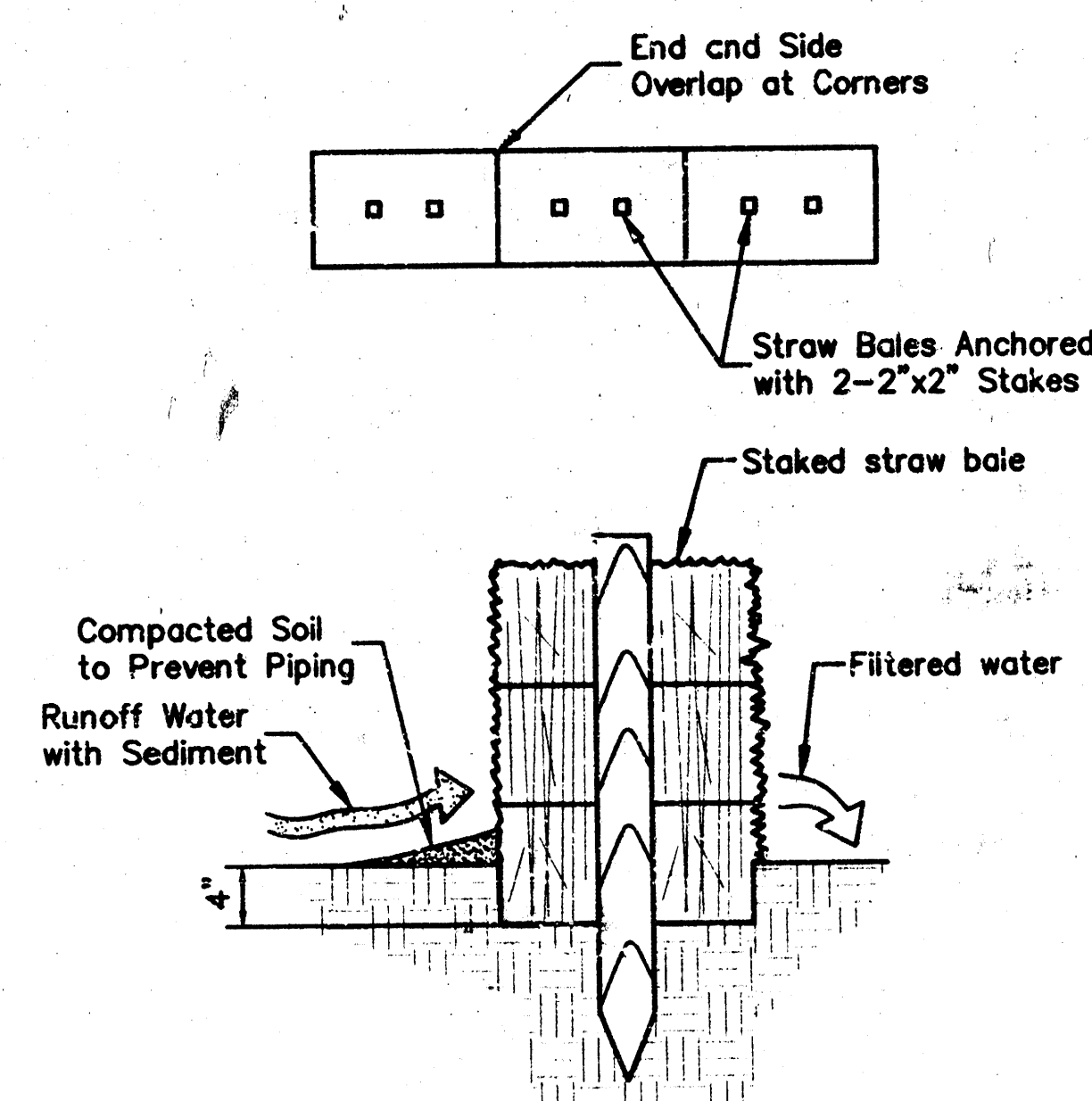


SEWER SERVICE TABLE							
NO.	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
1	15"x4" Tee Saddle	2	1	5	1+05 Lt.	14'	4'
2	15"x4" Tee Saddle	9	1	5	4+10 Lt.	13'	14'
3	15"x4" Tee Saddle	3	1	5	4+60 Rt.	13'	4'
4	15"x4" Tee Saddle	4	1	5	6+90 Rt.	13'	4'
5	15"x4" Tee Saddle	5	1	5	9+15 Rt.	12'	4'
6	15"x4" Tee Saddle	6	1	5	9+20 Lt.	12'	14'
7							
8							
9							
10							

NOTES:

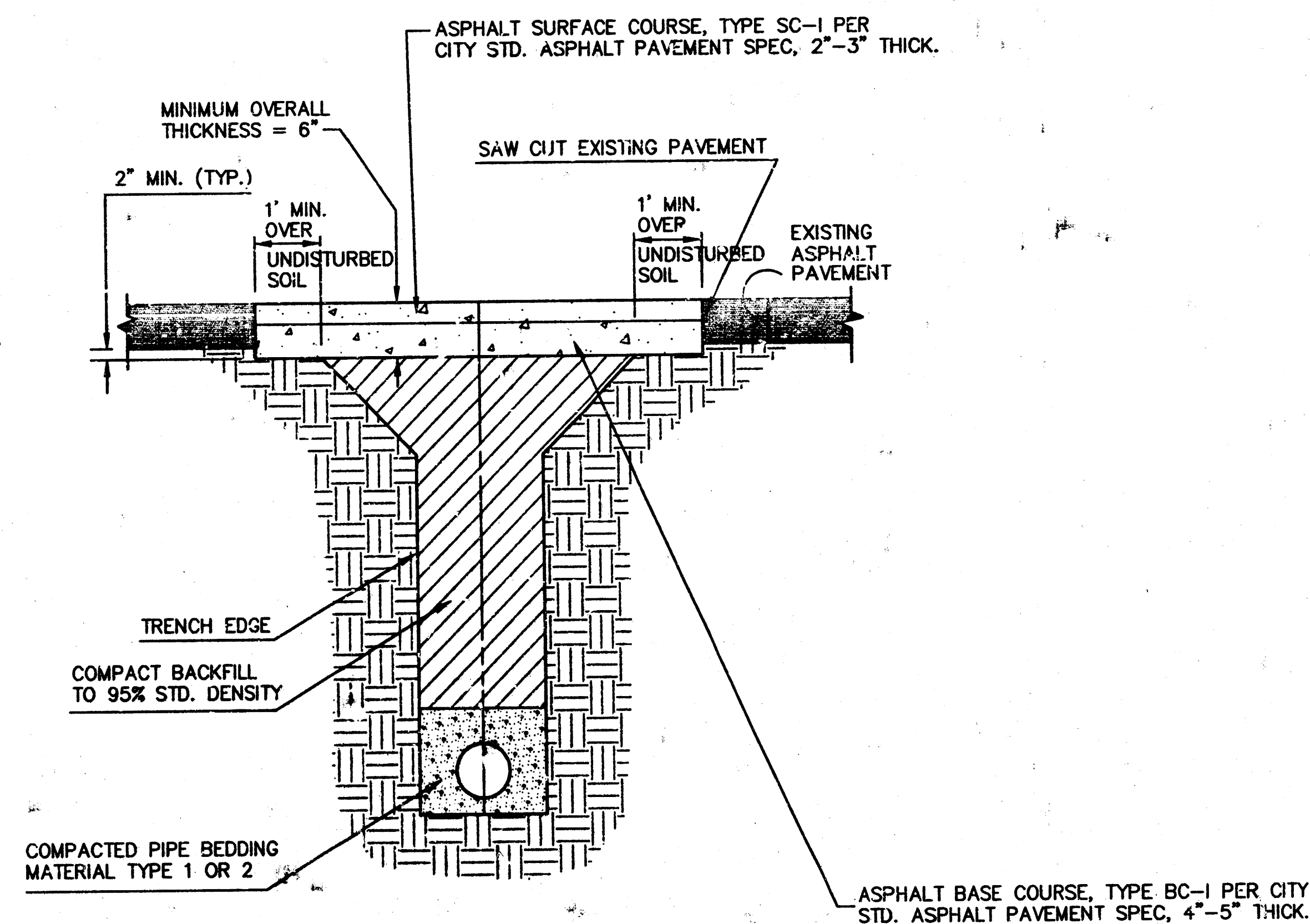
1. Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

SEWER SERVICE TABLE (VERTICAL RISER PIPE)

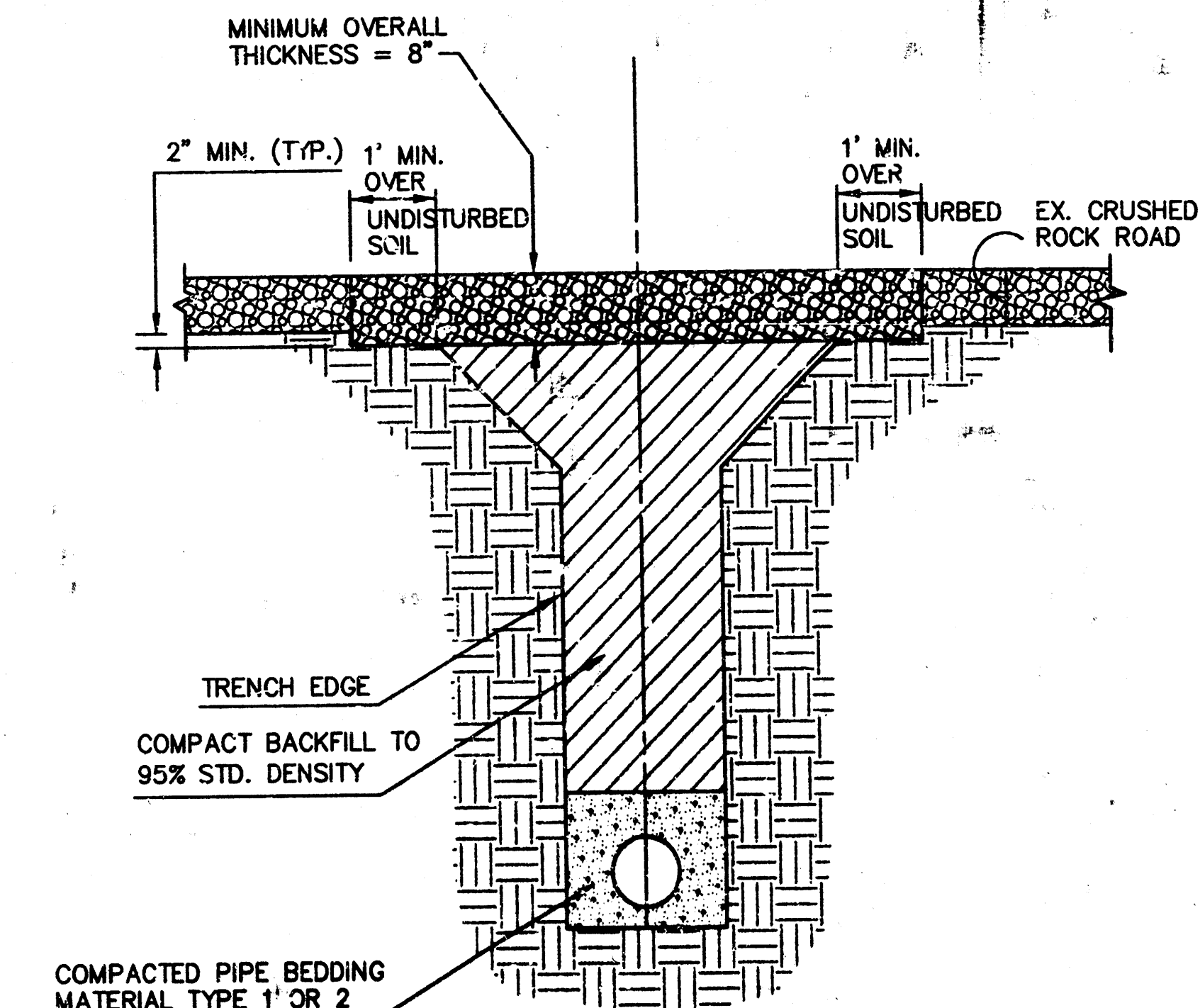
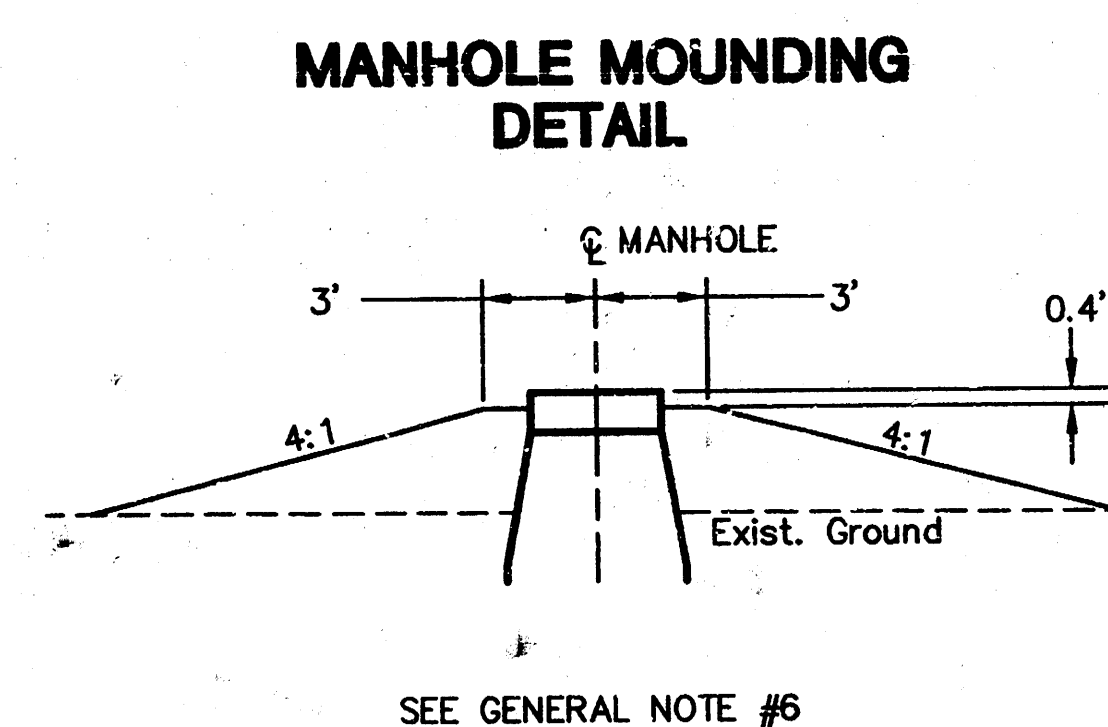


STRAW BALE SEDIMENT BARRIER

Note: Wedge loose straw between bales to prevent water from flowing between bales.



ASPHALT PAVEMENT REPLACEMENT DETAIL

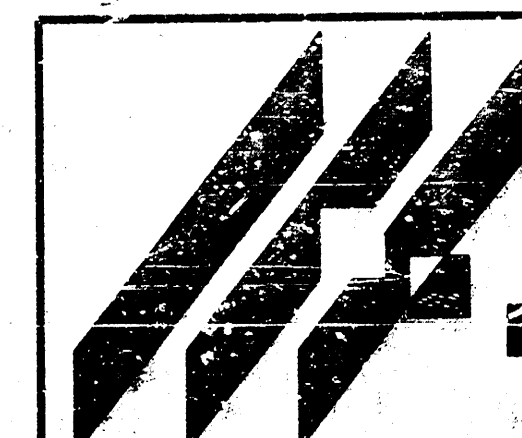


ACCESS ROAD REPAIR DETAIL

CRUSHED ROCK GRADATION REQUIREMENTS

PERCENT OF AGGREGATE RETAINED	
2-1/2"	0
3/4"	20-60
#4	50-80
#40	80-94
#200	90-98

ROCK QUALITY SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY THE KDOT 1990 EDITION STANDARD SPECIFICATION SUBSECTION 1102 FOR DURABILITY CLASS 1.



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CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

LATERAL 136 WIS
PROJECT NAME

MISC. DETAILS
SHEET TITLE

M.K.E.C.
DESIGN BY.

R.S.B.
DRAWN BY.

M.K.E.C.
CHECKED BY.

5/27/97
DATE

6068BD4
JOB NO.

3 / 7
SHEET OF

BENCHMARK #3:
CITY CUT CV. HEADWALL 3-8x4.5 BOXES,
NORTH SIDE OF 21st ST. N. AT DITCH
ELEV. = 173.15

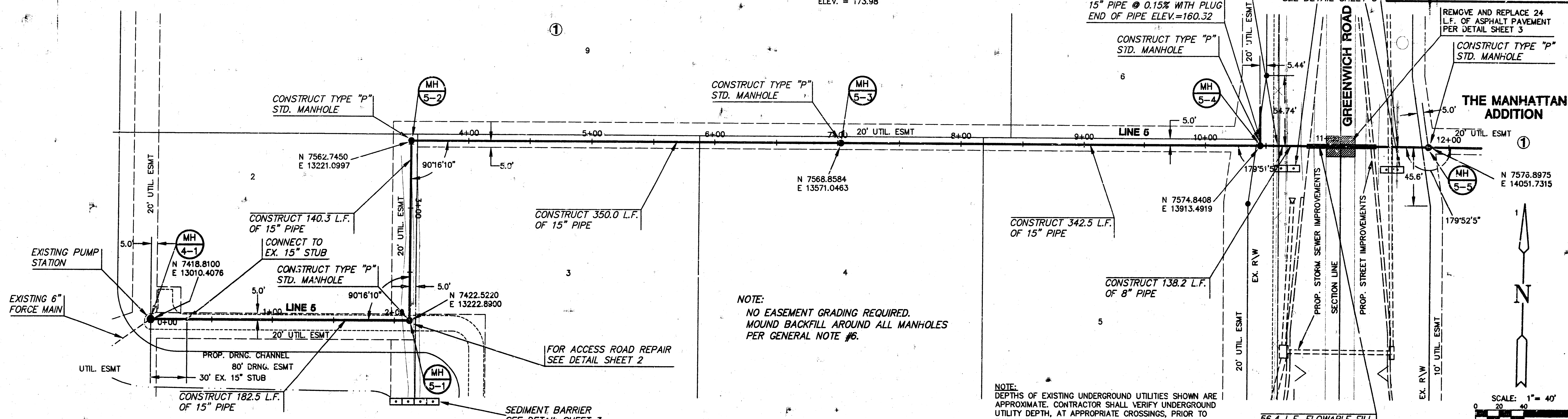
NOTE:
UTILITY RELOCATION TO BE COORDINATED
WITH UTILITY COMPANIES.

GREENWICH BUSINESS PARK ADDITION

BENCHMARK #1:
GREENWICH AND 21st ST. N.
COW, 41' SOUTH AND 38' WEST OF IRON CTR.
LINE BOTH 17' SW OF ASPHALT, 14.2' EAST
OF FACE 9.9, 17' WEST OF FACE P.P.
ELEV. = 173.98

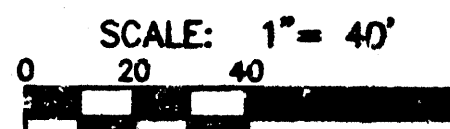
REMOVE AND REPLACE EXIST.
FENCE, AS REQUIRED, WITH
LIKE KIND

LATERAL 136 WIS PROJ. # 468-82693

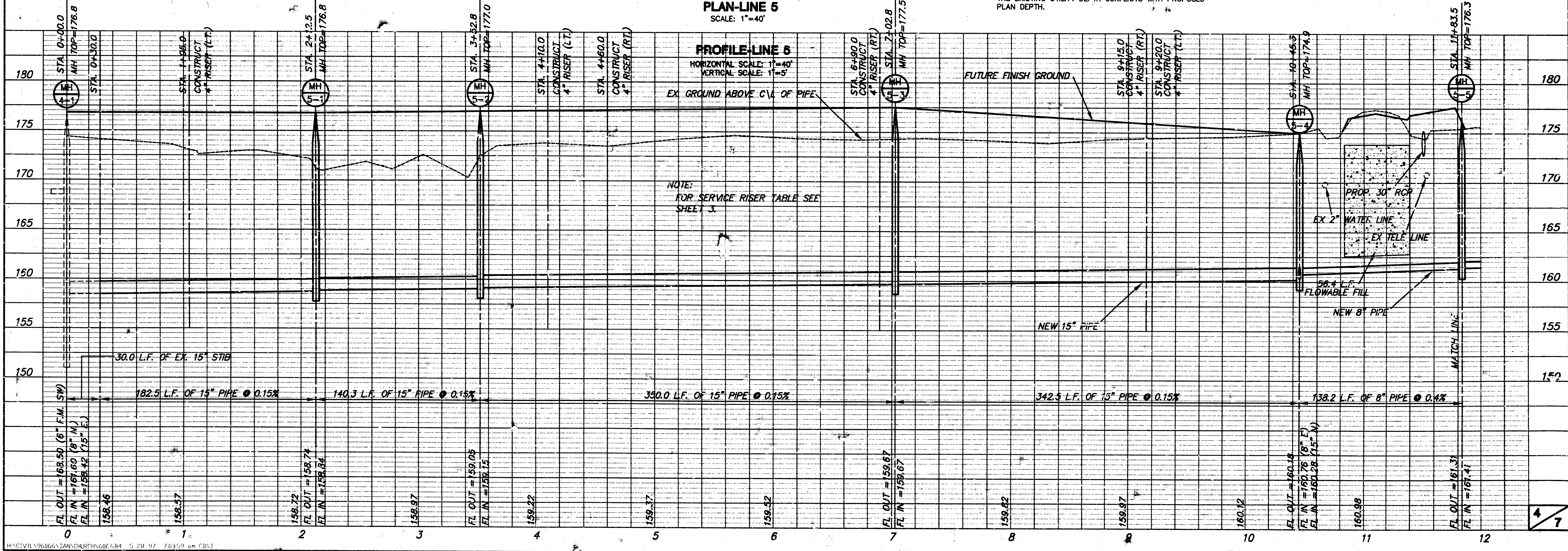


NOTE:
NO EASEMENT GRADING REQUIRED.
MOUND BACKFILL AROUND ALL MANHOLES
PER GENERAL NOTE #6.

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

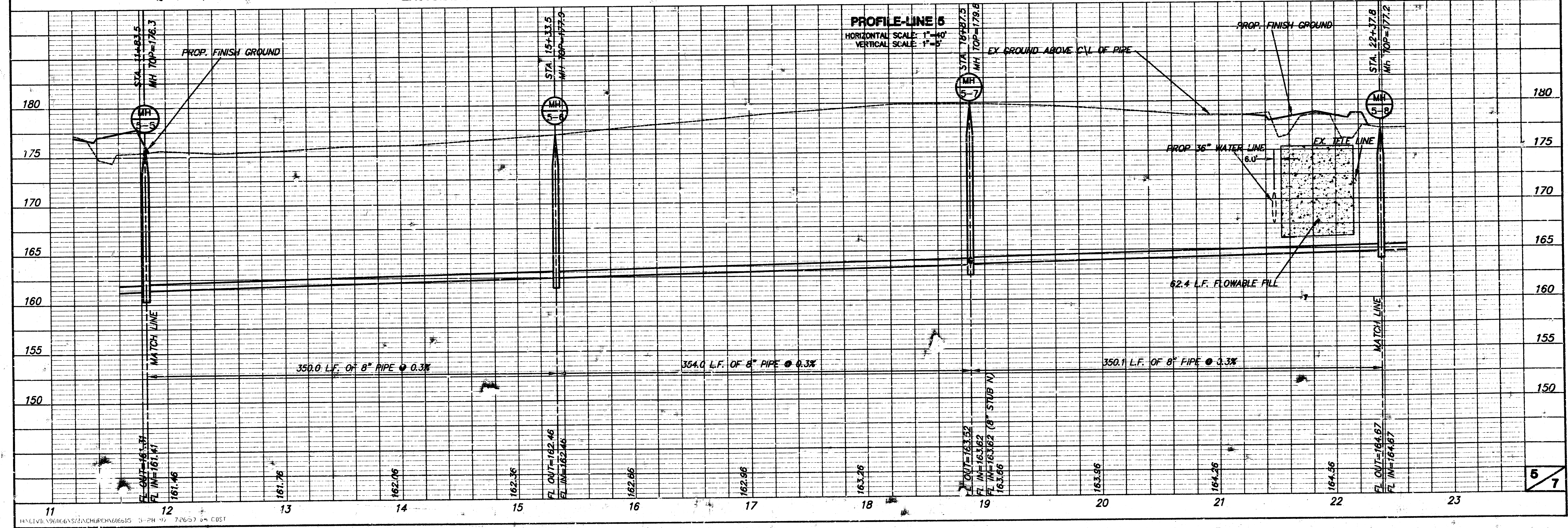
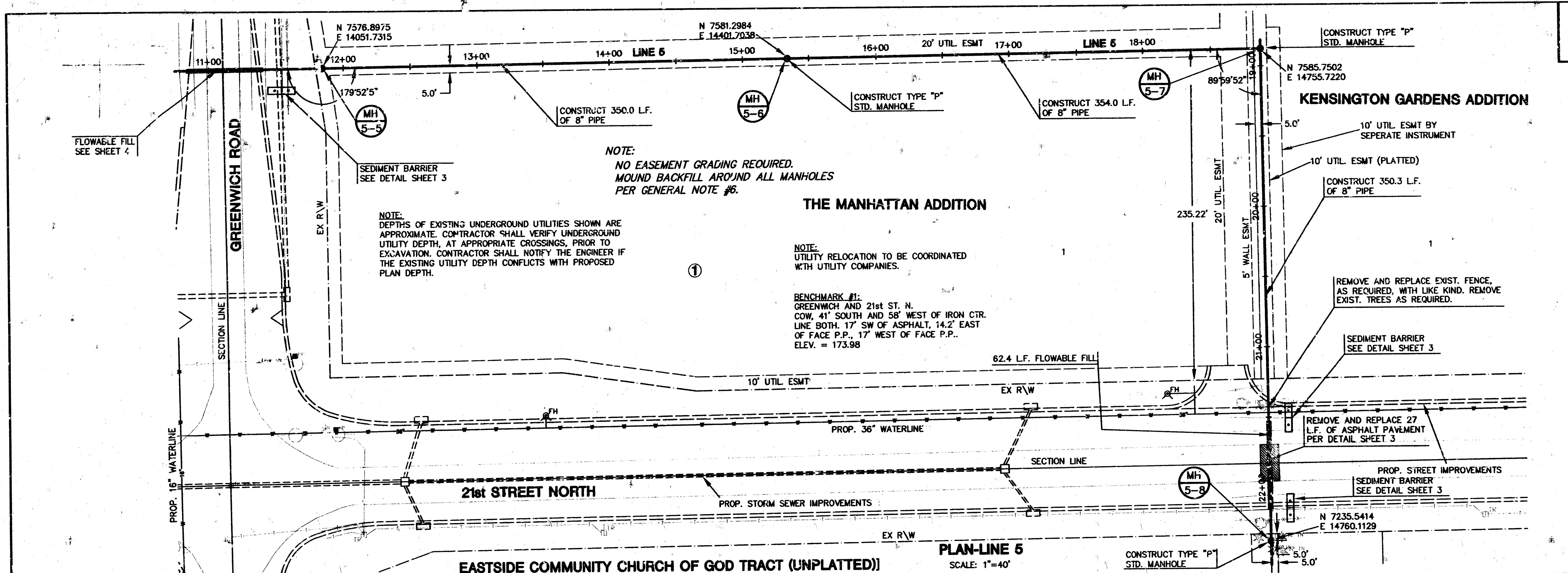


PLAN-LINE 5 SCALE: 1"=40'

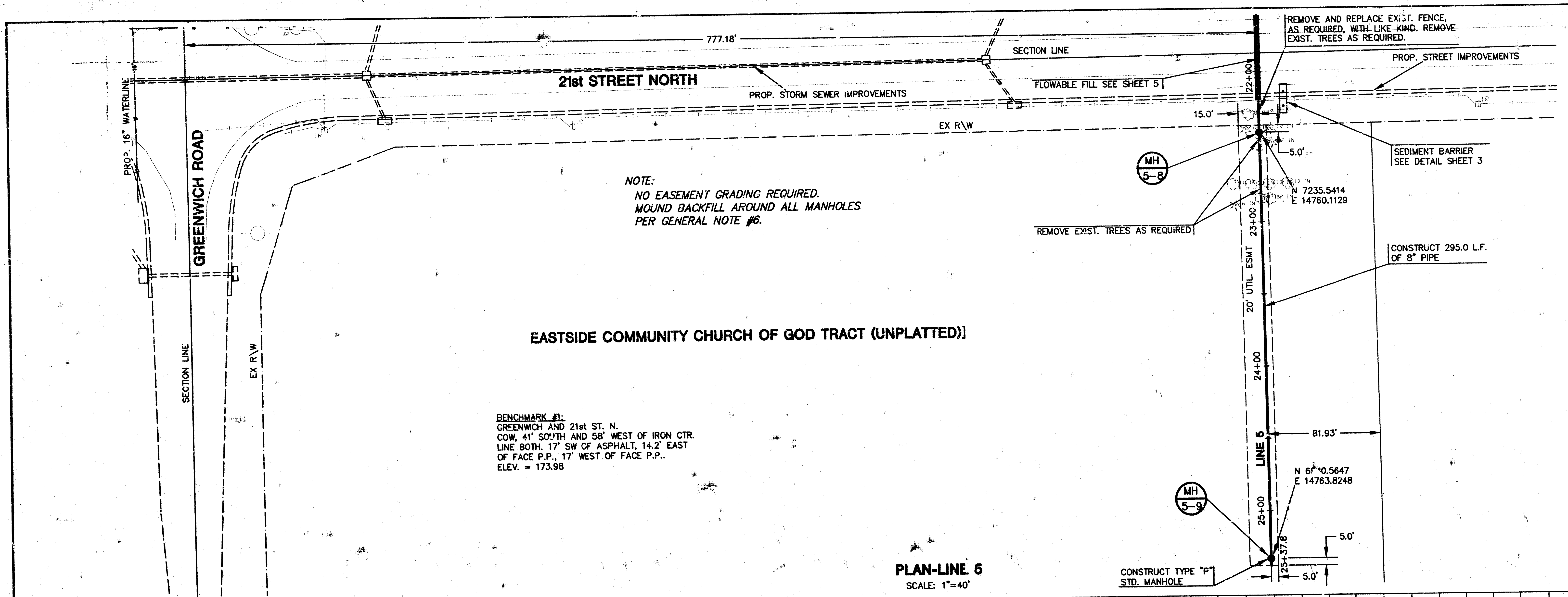


NOTE:
TOP SERVICE RISER TABLE SEE
SHEET 3.

LATERAL 136 WIS
PROJ. # 468-82693



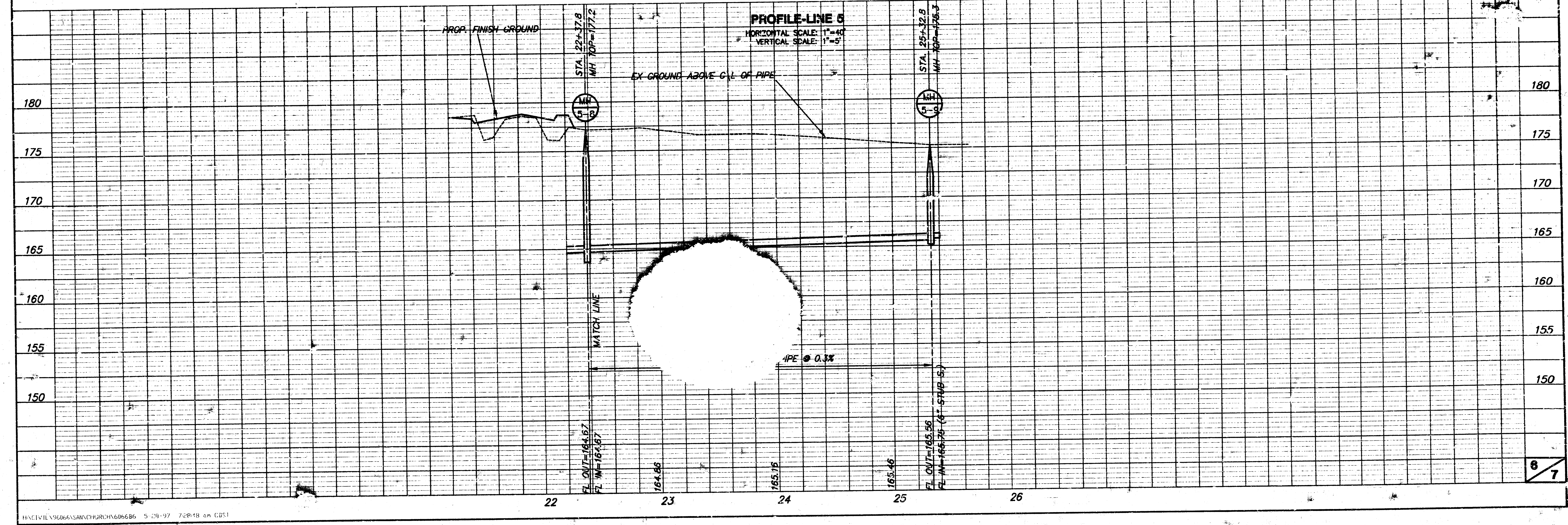
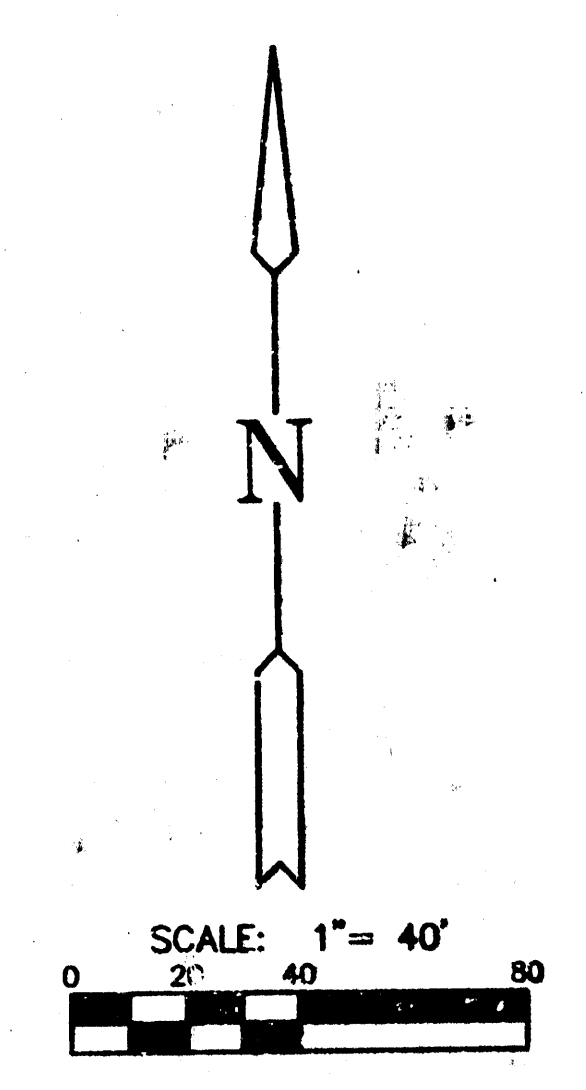
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 PER GENERAL NOTE #6.

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PLAN-LINE 5
 SCALE: 1"=40'



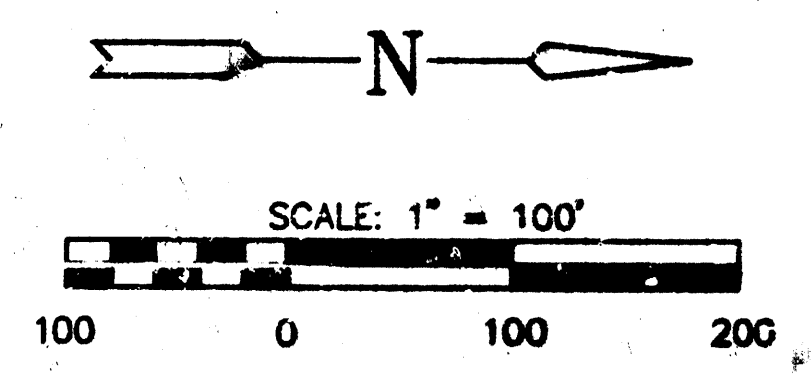
PROFILE-LINE 5
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=5'

FINAL PLAT

GREENWICH BUSINESS PARK ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

Lot	Block	Min. Pad Elev. (City Datum)	Min. Pad Elev. (USGS Datum)
1	1	178.6	1366.0
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	179.4	1366.8
14	1	180.6	1368.0
15	1	179.1	1366.3
16	1	178.6	1366.0
17	1	178.6	1366.0
18	1	178.6	1366.0
19	1	178.6	1366.0
20	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

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

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

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

