

LOT	BLOCK	SECTION	PROPERTY OWNER	D.B.	PAGE
21	1	1	WILLARD L. & PAULINE B. HUDSON	234	105
22	1	1	RICHARD S. & JUDITH A. MARMADUKE	228	322
23	1	1	ROBERT W. & JACKIE B. MARTIN	218	168
26	1	1	JOSEPH D. & DIANNE H. PAYNE	319	186
27	1	1	KENNETH E. & MELODY L. CARLTON	292	340
29	1	1	MARTIN A. LOYD	291	507
31	1	1	JAMES H. & LINDA L. WHISMAN	216	630
32	1	1	LYNN C. & MARY J. HENDRICK	234	596
33	1	1	EDWIN D. & BRENDA M. FORREN	215	588
34	1	1	ARCHER D. LIVENGOOD, JR.	313	778
35	1	1	DAVID L. STULTZ	323	235
36	1	1	HARRY A. & SUSAN C. SMITH	217	640
37	1	1	STEVEN B. & DEBRA L. BRUGH	207	163
38	1	1	WAYNE E. & TAMAKO M. CHANDLER	218	860
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3	2	1	FFW DEVELOPERS	266	280
4	2	1	DAVID L. & RICKIE F. JONES	277	308
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8	2	2	GARY L. & DONNA T. VENABLE	226	194
9	2	2	FFW DEVELOPERS	266	280
10	2	2	PHILLIP A. & SUSAN C. GROSS	276	630
11	2	2	EDMOND G. & MARY S. RUBEIZ	252	789
13	2	3	RAY S. & JUANITA L. HANDY	221	136
14	2	3	ROBERT L. SOLLARS	225	142
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4	5	5	RONALD R. & BEVERLY A. POTTER	303	498
5	5	5	JEFFREY L. & CYNTHIA H. BOWER	311	312
6	5	5	WILLIAM J. BOOTHE	261	58
7	5	5	MARK E. MURRAY	278	602
8	5	5	F & W COMMUNITY DEVELOPMENT CORP.	266	280
9	5	5	"	"	"
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11	5	5	PAUL & AMY M. YEAKLE	262	262
12	5	5	PAUL E. & NORMA L. PETTUS	244	249
13	5	5	F & W COMMUNITY DEVELOPMENT CORP.	266	280
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3	4	3	LOUIS M. & SUE M. SIKO	280	627
4	4	3	EDWARD J. & GLORIA ROCHA	230	889
5	4	3	MARK D. & PATRICIA S. SMITH	263	130
6	4	3	RANDALL S. & DEBRA W. HUNLEY	507	681
7	4	3	WILLIAM E. OSBORNE	280	167
8	4	3	JAMES D. SPROUSE	281	210
9	4	3	MILDRED C. POWELL	327	560
10	4	3	DOUGLAS A. & SUE J. SECRIST	222	343
11	4	3	WALTER E. & DELORES A. SMITH	240	487
12	4	4	WILLIAM C. YOUNG	228	595

NOTE:

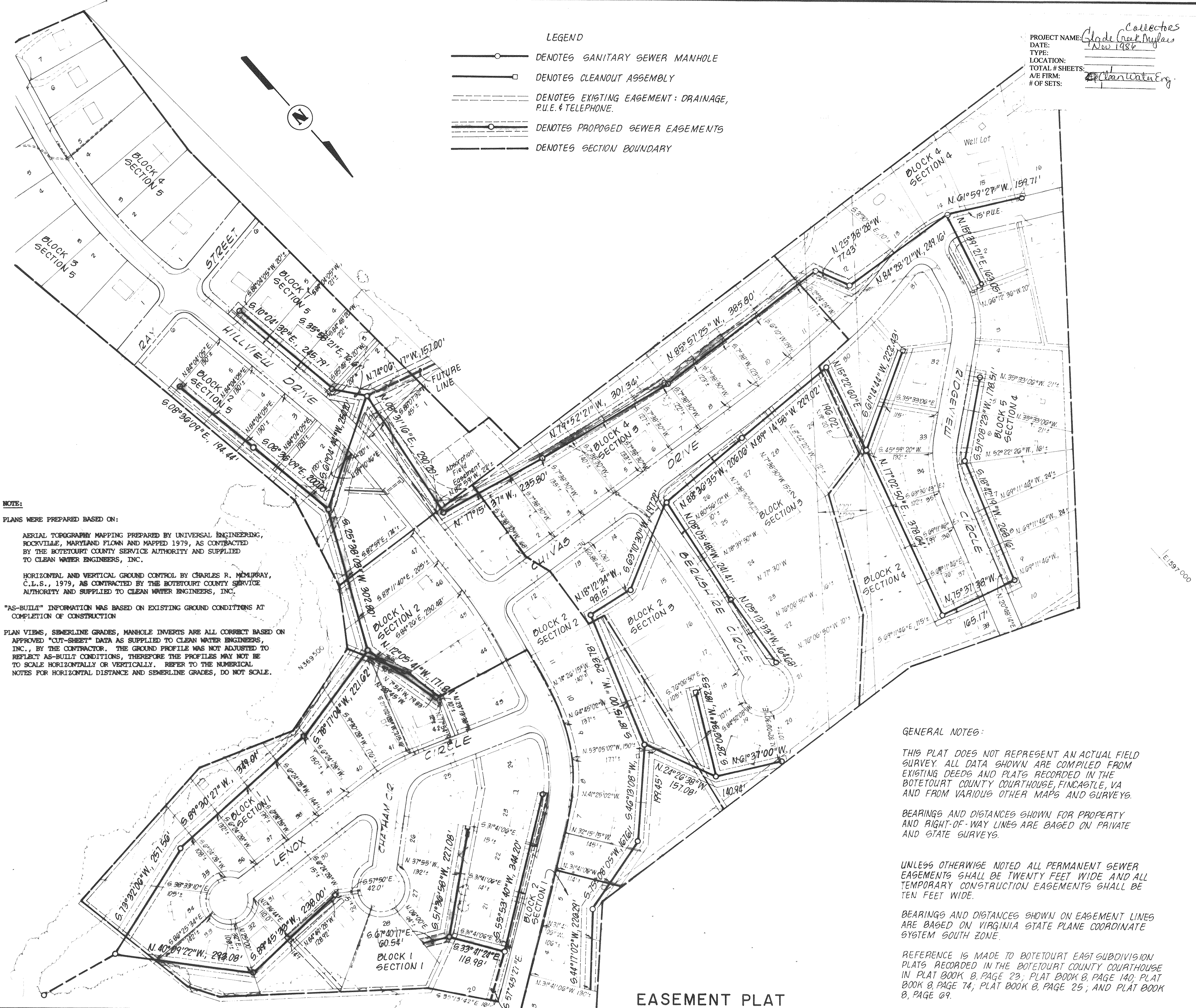
PLANS WERE PREPARED BASED ON:

AERIAL TOPOGRAPHY MAPPING PREPARED BY UNIVERSAL ENGINEERING, ROCKVILLE, MARYLAND FLOWN AND MAPPED 1979, AS CONTRACTED BY THE BOTETOURT COUNTY SERVICE AUTHORITY AND SUPPLIED TO CLEAN WATER ENGINEERS, INC.

HORIZONTAL AND VERTICAL GROUND CONTROL BY CHARLES R. MCMURRAY, C.L.S., 1979, AS CONTRACTED BY THE BOTETOURT COUNTY SERVICE AUTHORITY AND SUPPLIED TO CLEAN WATER ENGINEERS, INC.

"AS-BUILT" INFORMATION WAS BASED ON EXISTING GROUND CONDITIONS AT COMPLETION OF CONSTRUCTION

PLAN VIEWS, SEWERLINE GRADES, MANHOLE INVERTS ARE ALL CORRECT BASED ON APPROVED "CUT-SHEET" DATA AS SUPPLIED TO CLEAN WATER ENGINEERS, INC., BY THE CONTRACTOR. THE GROUND PROFILE WAS NOT ADJUSTED TO REFLECT AS-BUILT CONDITIONS, THEREFORE THE PROFILES MAY NOT BE TO SCALE HORIZONTALLY OR VERTICALLY. REFER TO THE NUMERICAL NOTES FOR HORIZONTAL DISTANCE AND SEWERLINE GRADES, DO NOT SCALE.



- LEGEND
- DENOTES SANITARY SEWER MANHOLE
 - DENOTES CLEANOUT ASSEMBLY
 - DENOTES EXISTING EASEMENT: DRAINAGE, P.U.E. & TELEPHONE
 - DENOTES PROPOSED SEWER EASEMENTS
 - DENOTES SECTION BOUNDARY

PROJECT NAME: Glade Creek Collectors
DATE: Nov 1986
LOCATION:
TOTAL # SHEETS:
BY FIRM: Clean Water Eng.
OF SETS:

GENERAL NOTES:

THIS PLAT DOES NOT REPRESENT AN ACTUAL FIELD SURVEY. ALL DATA SHOWN ARE COMPILED FROM EXISTING DEEDS AND PLATS RECORDED IN THE BOTETOURT COUNTY COURTHOUSE, FINCASTLE, VA AND FROM VARIOUS OTHER MAPS AND SURVEYS.

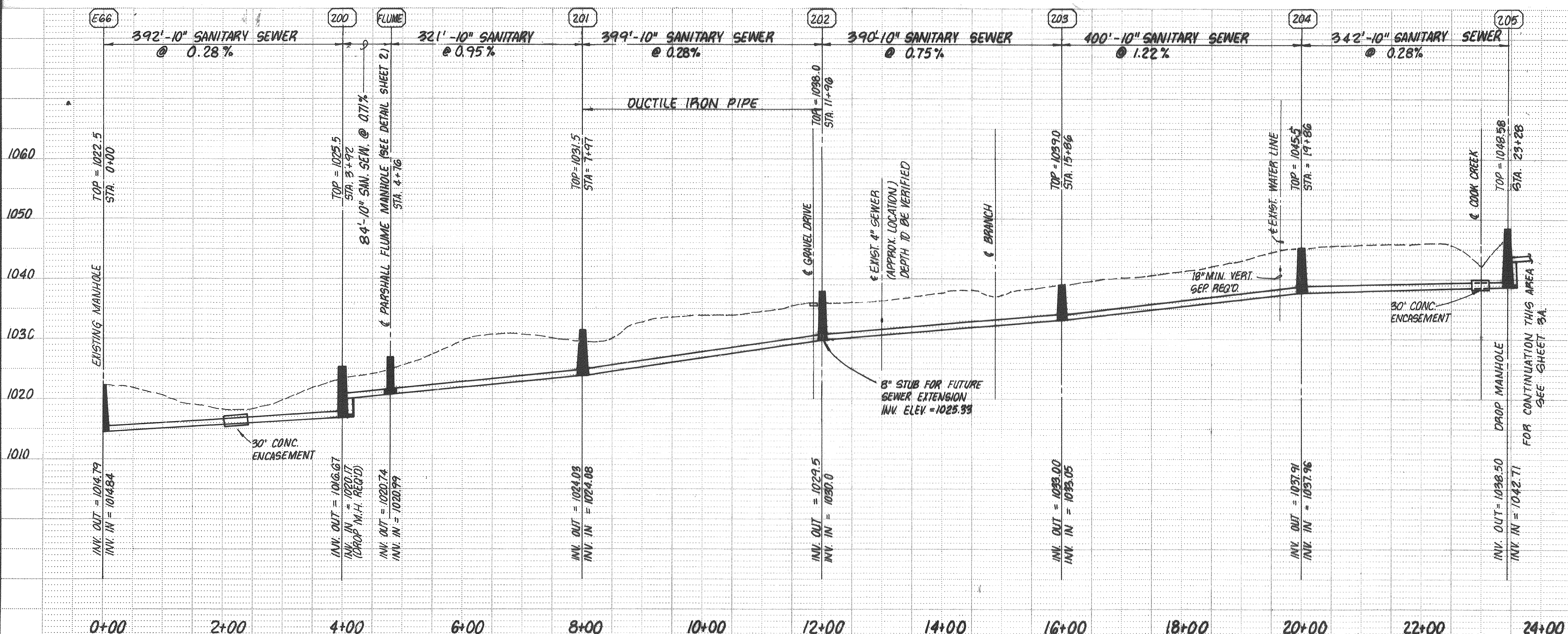
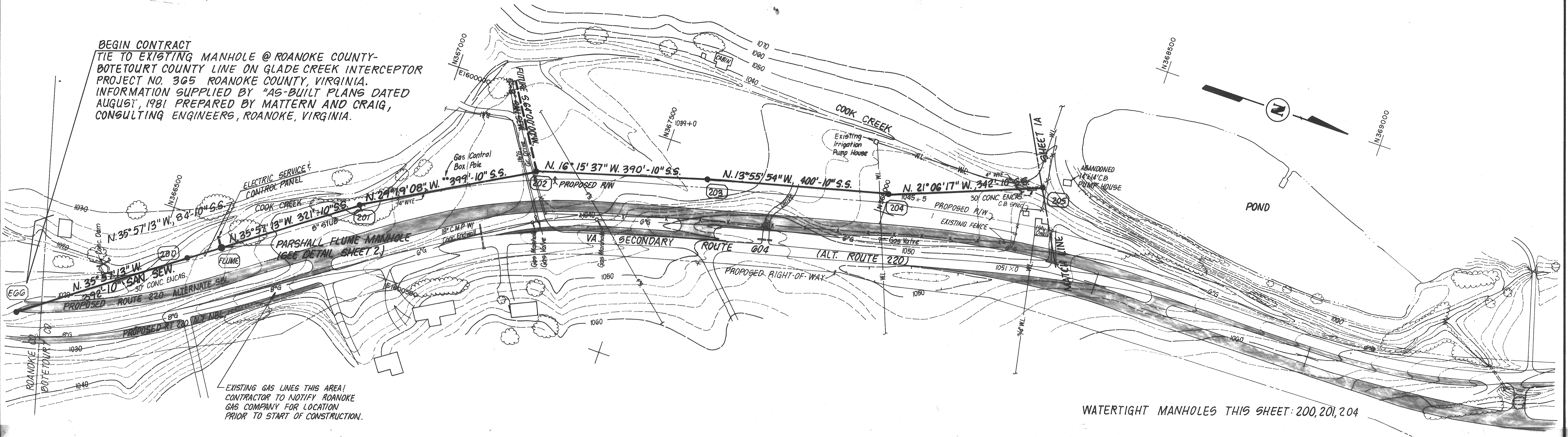
BEARINGS AND DISTANCES SHOWN FOR PROPERTY AND RIGHT-OF-WAY LINES ARE BASED ON PRIVATE AND STATE SURVEYS.

UNLESS OTHERWISE NOTED ALL PERMANENT SEWER EASEMENTS SHALL BE TWENTY FEET WIDE AND ALL TEMPORARY CONSTRUCTION EASEMENTS SHALL BE TEN FEET WIDE.

BEARINGS AND DISTANCES SHOWN ON EASEMENT LINES ARE BASED ON VIRGINIA STATE PLANE COORDINATE SYSTEM SOUTH ZONE.

REFERENCE IS MADE TO BOTETOURT EAST SUBDIVISION PLATS RECORDED IN THE BOTETOURT COUNTY COURTHOUSE IN PLAT BOOK B, PAGE 23; PLAT BOOK B, PAGE 140; PLAT BOOK B, PAGE 74; PLAT BOOK B, PAGE 25; AND PLAT BOOK B, PAGE 69.

EASEMENT PLAT



GENERAL NOTES

VERTICAL CONTROL: NATIONAL GEODETIC VERTICAL DATUM MEAN SEA LEVEL 1929. HORIZONTAL CONTROL: STATE PLANE COORDINATE SYSTEM.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY "MISS UTILITY OF VIRGINIA" 1-800-552-1001, AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION IN ORDER TO VERIFY LOCATION OF UNDERGROUND UTILITIES.

EXISTING SURFACES DISTURBED BY CONTRACTOR'S WORK SHALL BE RESTORED TO THEIR PRESENT CONDITION.

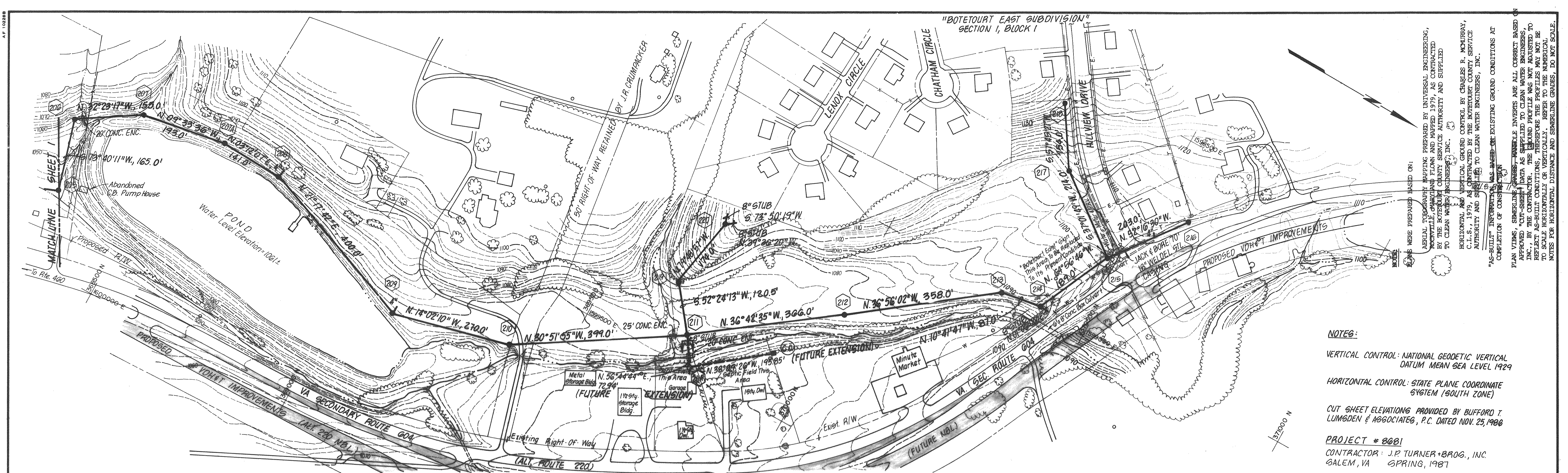
CONTRACTOR SHALL PERFORM WORK IN SUCH A MANNER AS TO MINIMIZE THE EROSION OF SOILS.

THERE SHALL BE 10' MINIMUM HORIZONTAL SEPARATION BETWEEN WATER LINES AND SEWER LINES AND 18" MINIMUM VERTICAL SEPARATION WHERE SPECIFIED.

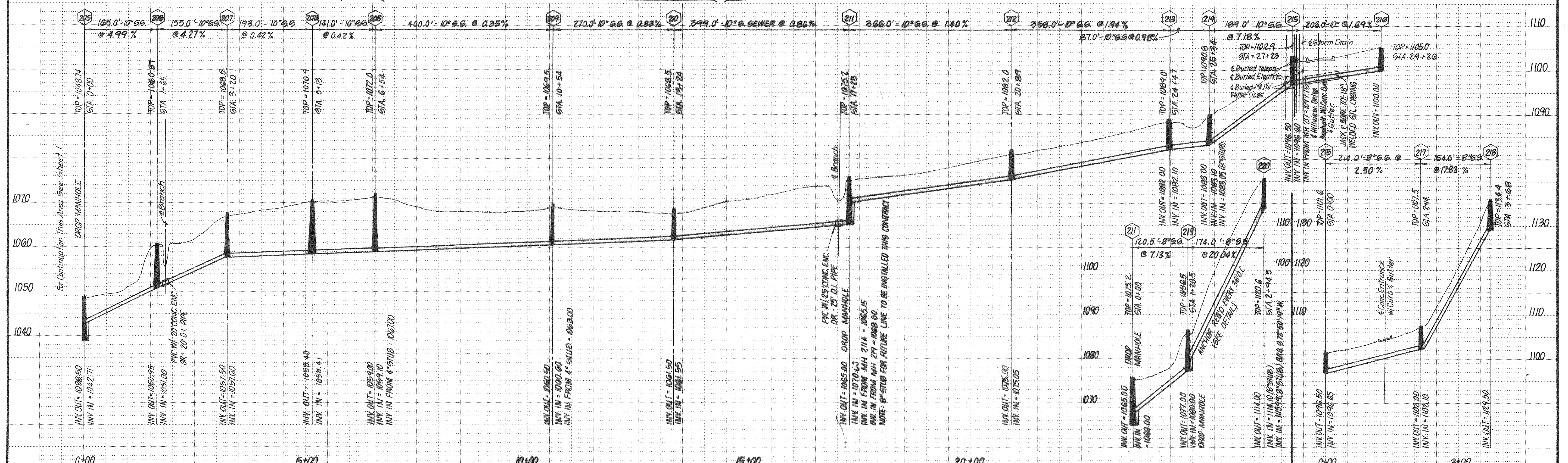
PROJECT #8681
J.P. TURNER & SONS, INC., SALEM, VA SPRING 1981.

NOTE:
PLANS WERE PREPARED BASED ON:
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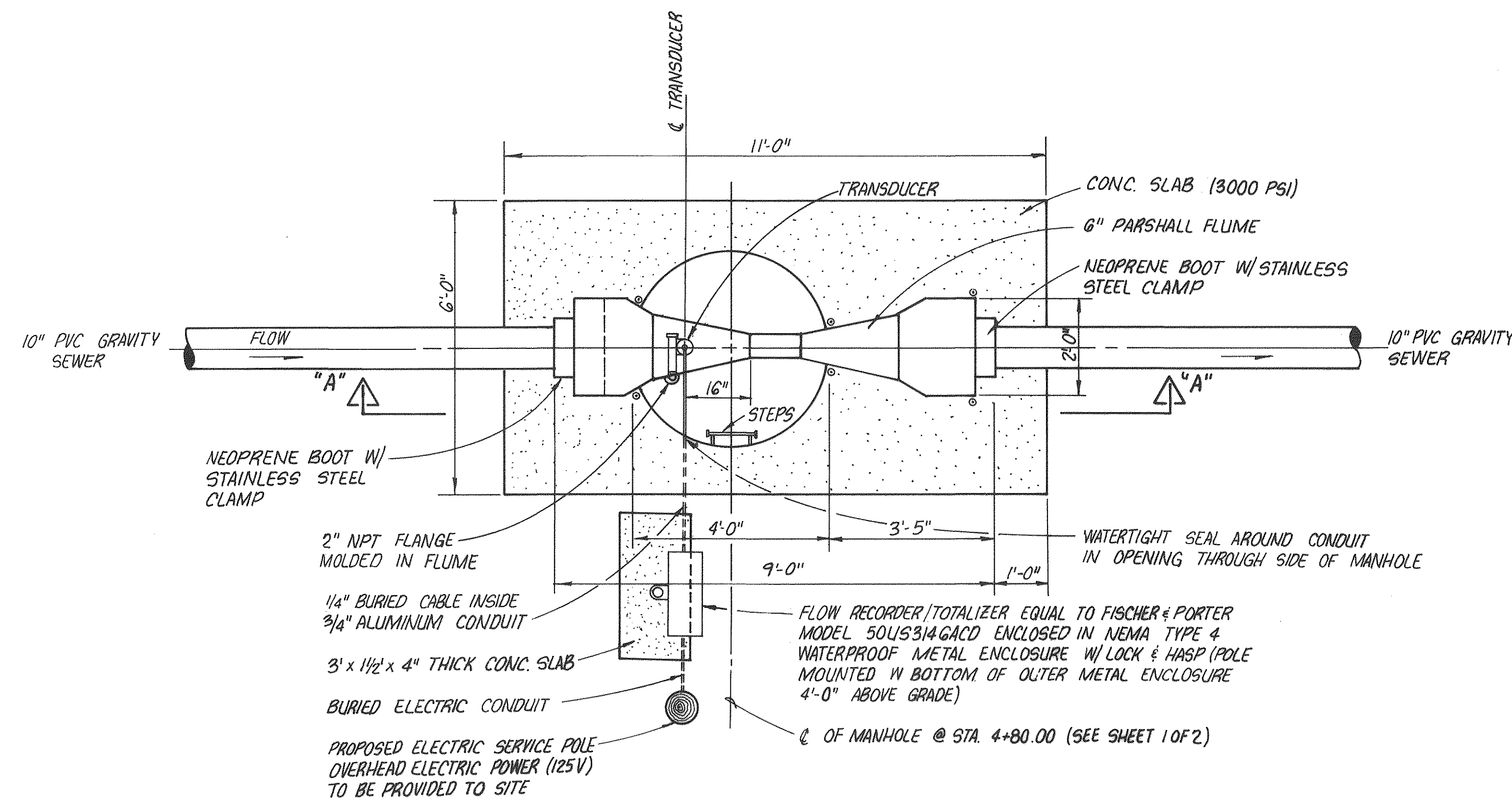
AF 10228B



NOTES:
VERTICAL CONTROL: NATIONAL GEODETIC VERTICAL DATUM MEAN SEA LEVEL 1929
HORIZONTAL CONTROL: STATE PLANE COORDINATE SYSTEM (SOUTH ZONE)
CUT SHEET ELEVATIONS PROVIDED BY BUFFORD T. LUMSDEN & ASSOCIATES, P.C. DATED NOV. 25, 1986
PROJECT # 8681
CONTRACTOR: J.P. TURNER & ASSOC., INC.
SALEM, VA SPRING, 1987



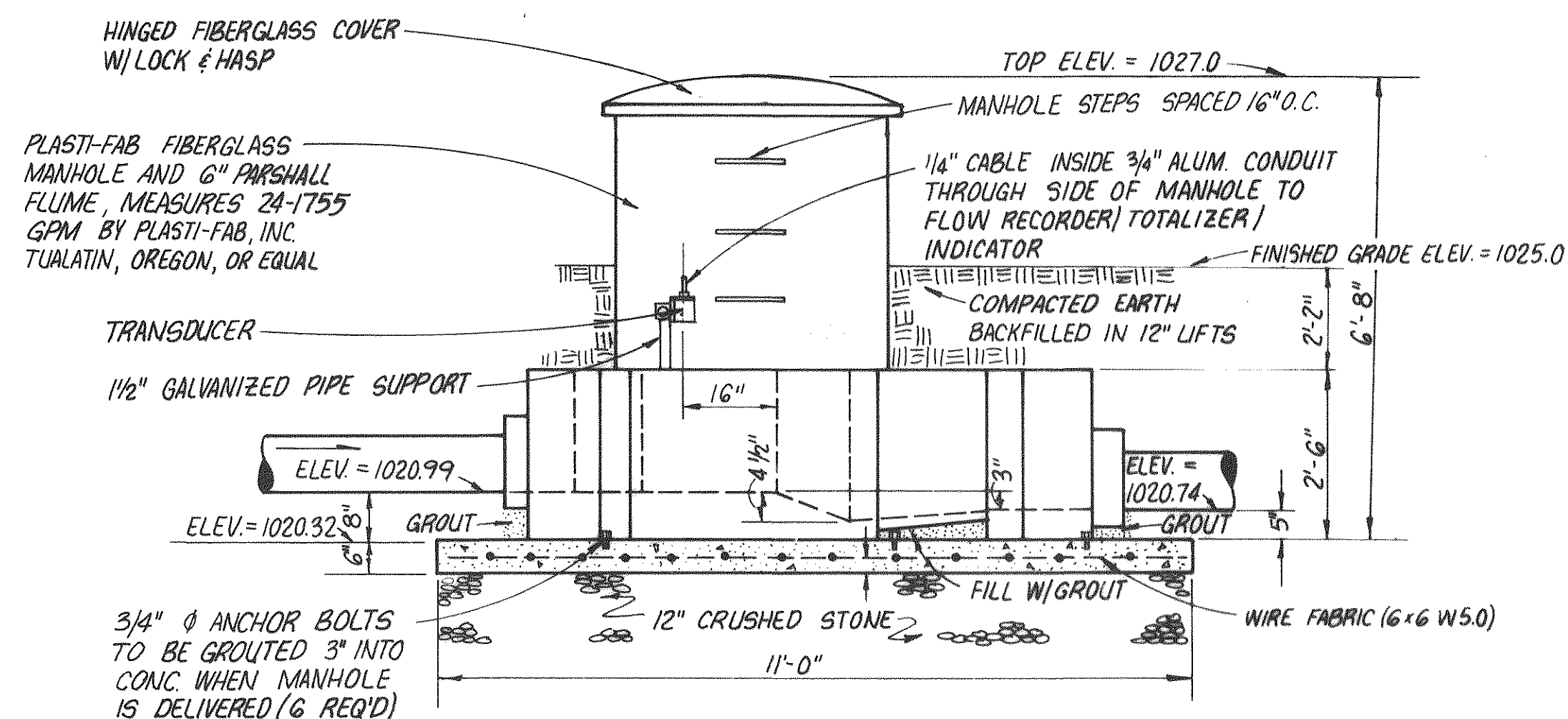
Designed: CFA Drafted: TAM Checked: JMD Approved: DJR	Clean Water Engineers, Inc. Fincastle, Virginia	GLADE CREEK COLLECTORS PHASE I - REVISED BOTETOURT COUNTY SERVICE AUTHORITY	REVISED: 12-8-86 "AS BUILT" Sheet: 1A of 3 Scale: 1" = 100' HORIZ. 10' VERT. Date: SEPT, 1986 Project: 8681
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PLAN VIEW

PARSHALL FLUME MANHOLE

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



SECTION - "A-A"

SCHEDULE OF EQUIPMENT

FIBERGLASS MANHOLE -

4' DIAMETER FIBERGLASS MANHOLE MEETING REQUIREMENTS OF ANSI/ASTM D-3753 "STANDARD SPECIFICATIONS FOR FIBER-REINFORCED MANHOLES," AS MANUFACTURED BY PLASTI-FAB, INC., TUALATIN, OREGON, OR EQUAL

FLOW METER - (W/ RECORDER/TOTALIZER)

ULTRASONIC OPEN CHANNEL FLOW METER EQUAL TO FISCHER & PORTER MODEL 50US314GACD WITH PIPE MOUNTED TRANSDUCER, TRANSMITTER, 7 DIGIT TOTALIZER, AND 12 INCH DIAMETER CIRCULAR CHART RECORDER WITH 7 DAY CHART DRIVE. THE 18 1/4" x 14 1/4" x 6" ± 1" RECORDER/TRANSMITTER ENCLOSURE SHALL BE INSTALLED INSIDE A NEMA TYPE 4 WATERPROOF METAL ENCLOSURE TO PROTECT AGAINST FLOODING AND VANDALISM.

6" PARSHALL FLUME -

SHALL BE FIBERGLASS MANUFACTURED BY PLASTI-FAB, INC., TUALATIN, OREGON, OR EQUAL

SUPPORT POLE - (FOR RECORDER/TOTALIZER ENCLOSURE)

2 1/2" GALVANIZED PIPE

NOTE: CONTRACTOR SHALL OBTAIN START-UP AND CALIBRATION SERVICES BY MANUFACTURER'S REPRESENTATIVE FOR A MAXIMUM OF 2 DAYS ONSITE FOR THE FLOW METER EQUIPMENT.

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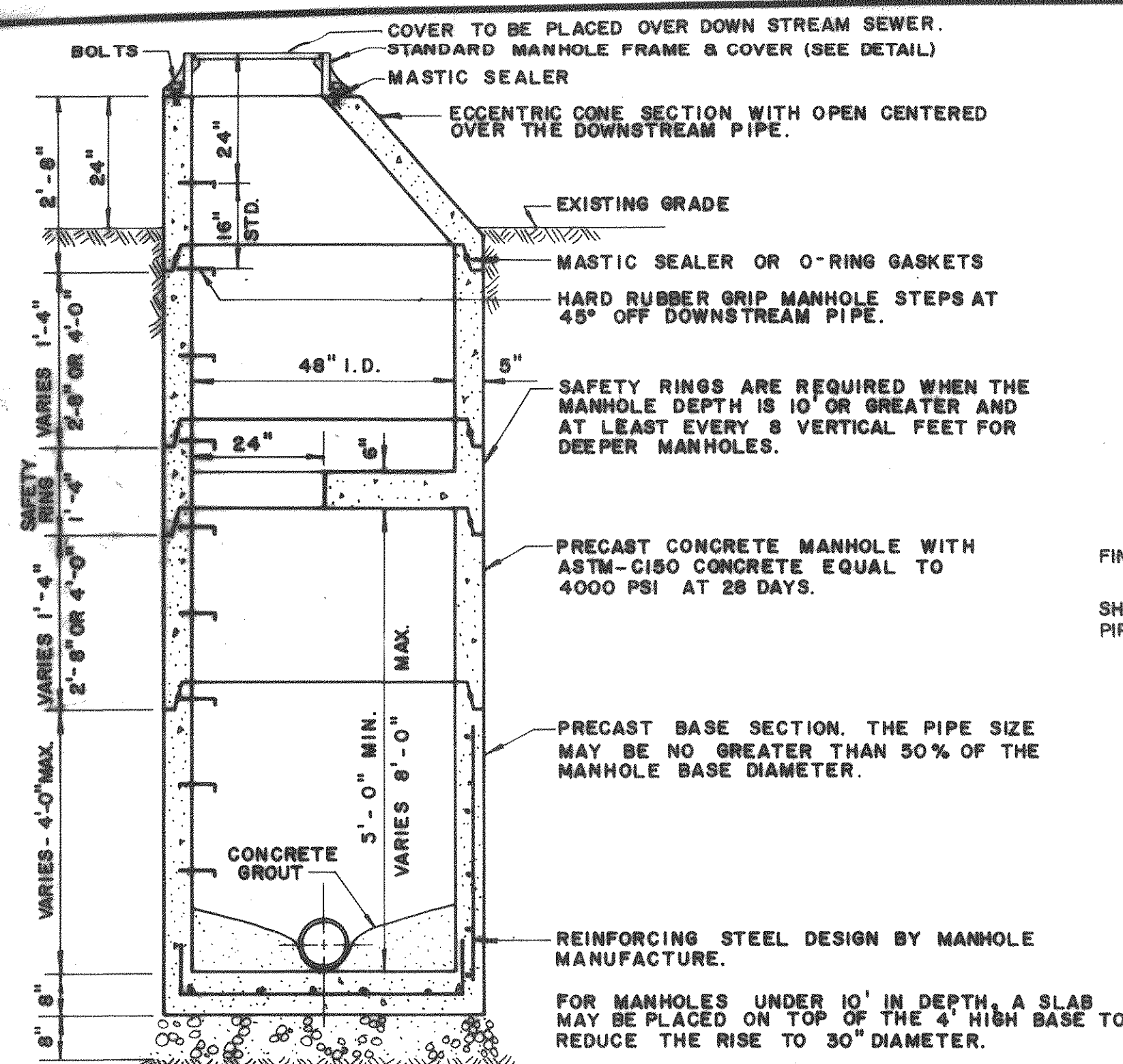
Designed: SRE
Drafted: TAM
Checked: DJR
Approved: DJR

Clean Water Engineers, Inc.
Fincastle, Virginia

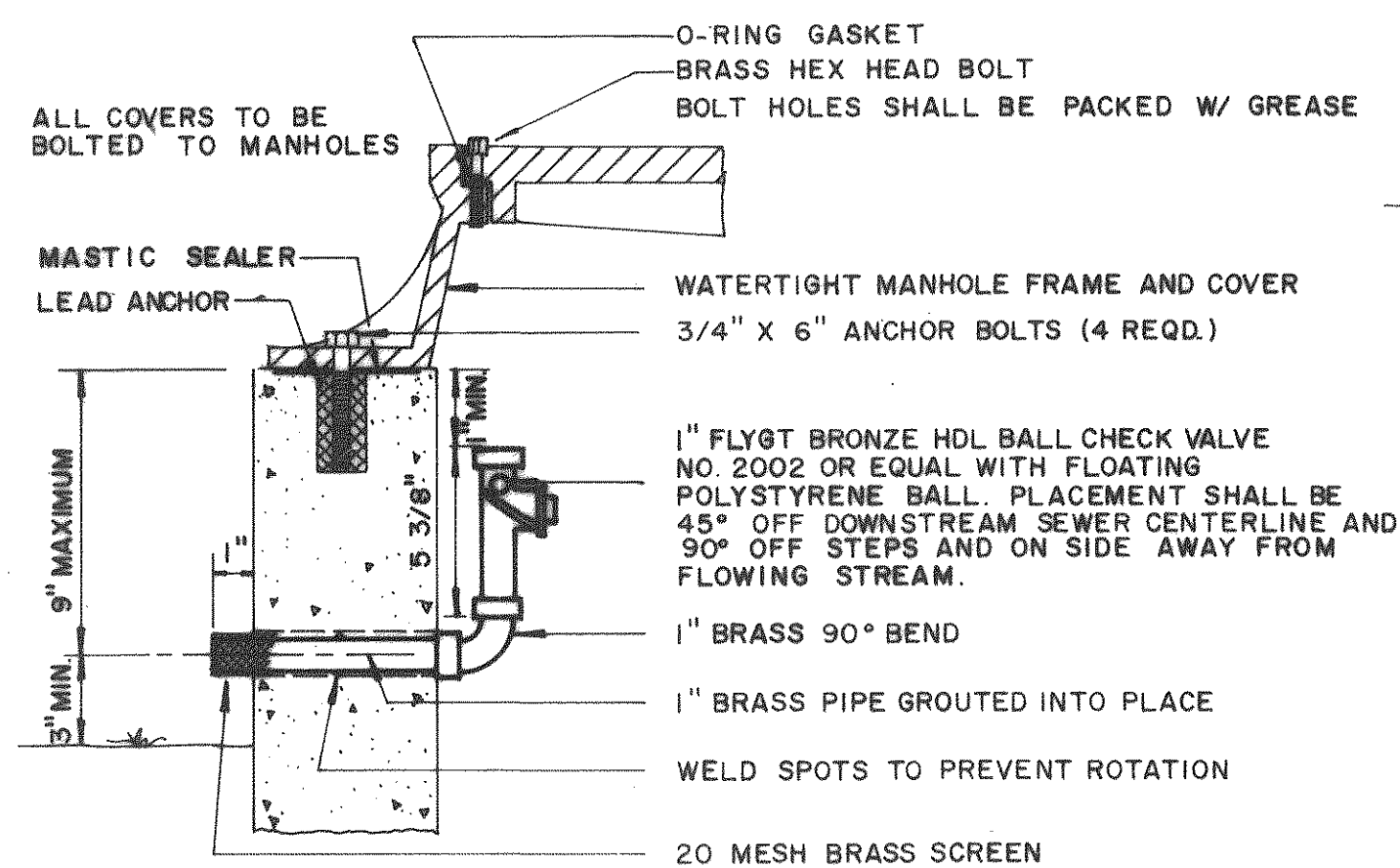
GLADE CREEK COLLECTORS
PHASE I- REVISED
BOTETOURT COUNTY SERVICE AUTHORITY

"AS BUILTS"

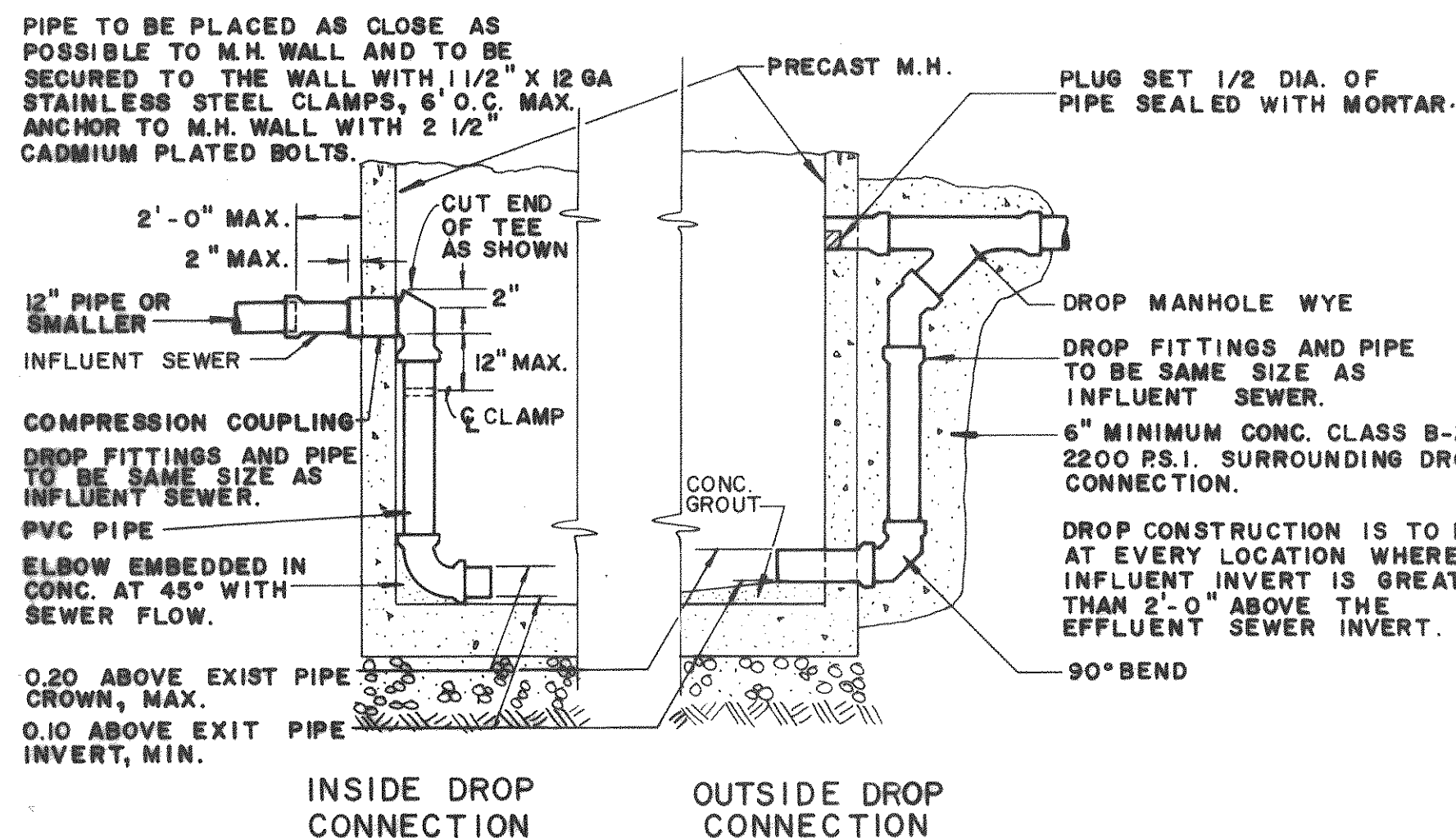
Sheet: 2 of 3
Scale: AS SHOWN
Date: AUG. 1986
Project: 8681



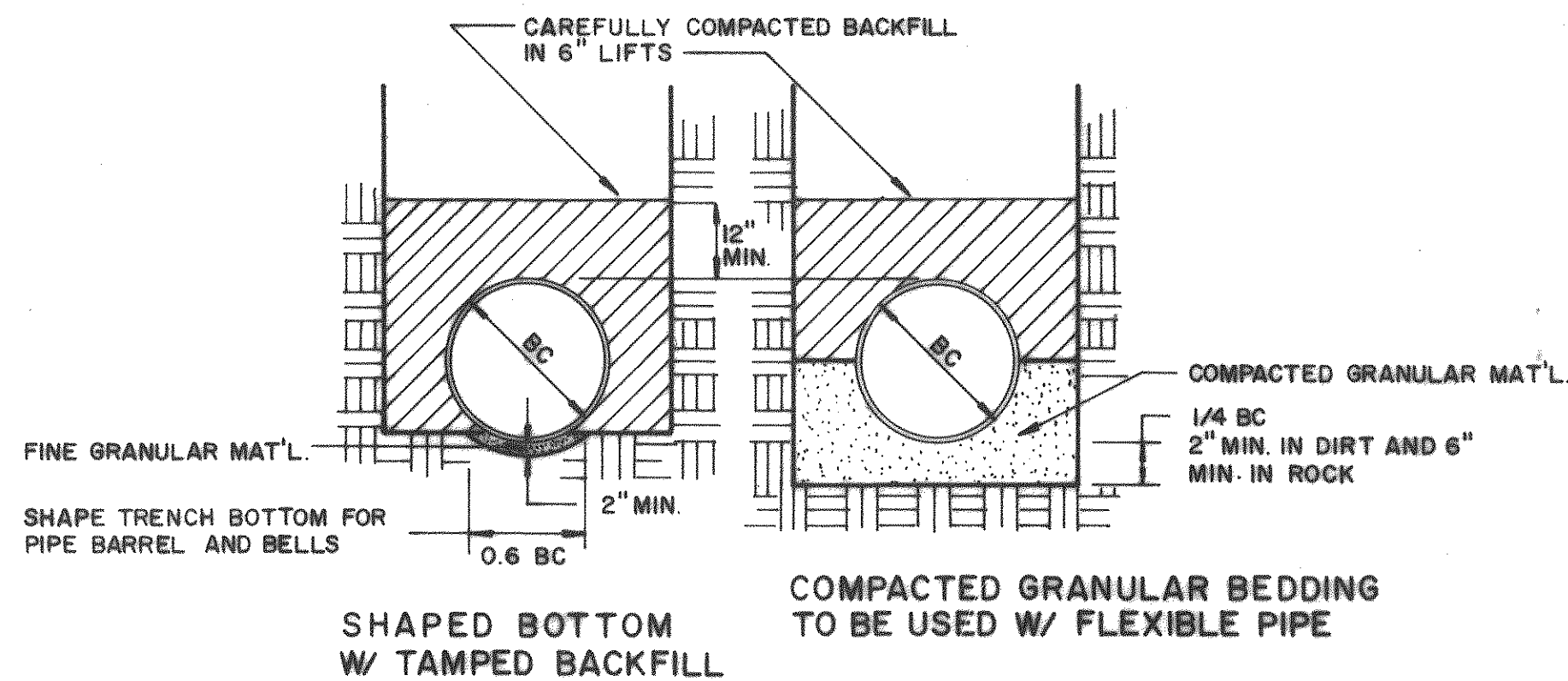
PRECAST ECCENTRIC MANHOLE



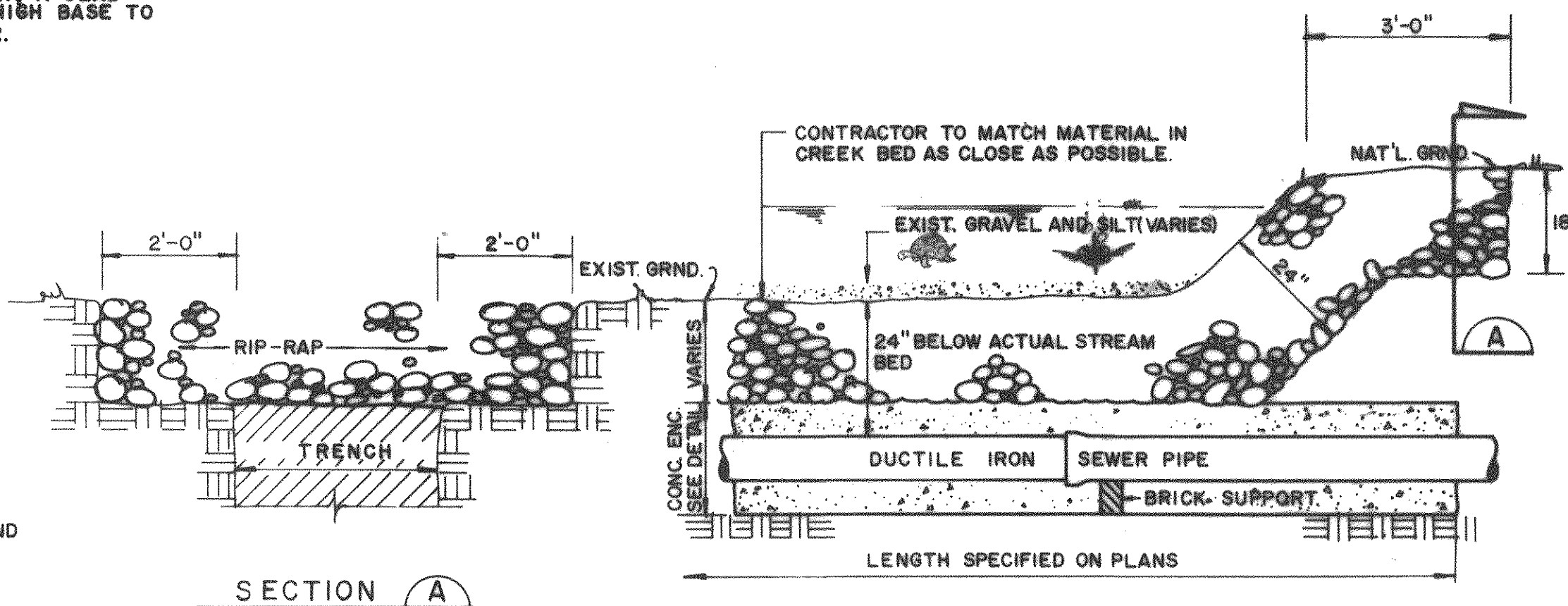
WATERTIGHT MANHOLE VENT DETAIL



DROP CONSTRUCTION AT STANDARD MANHOLE

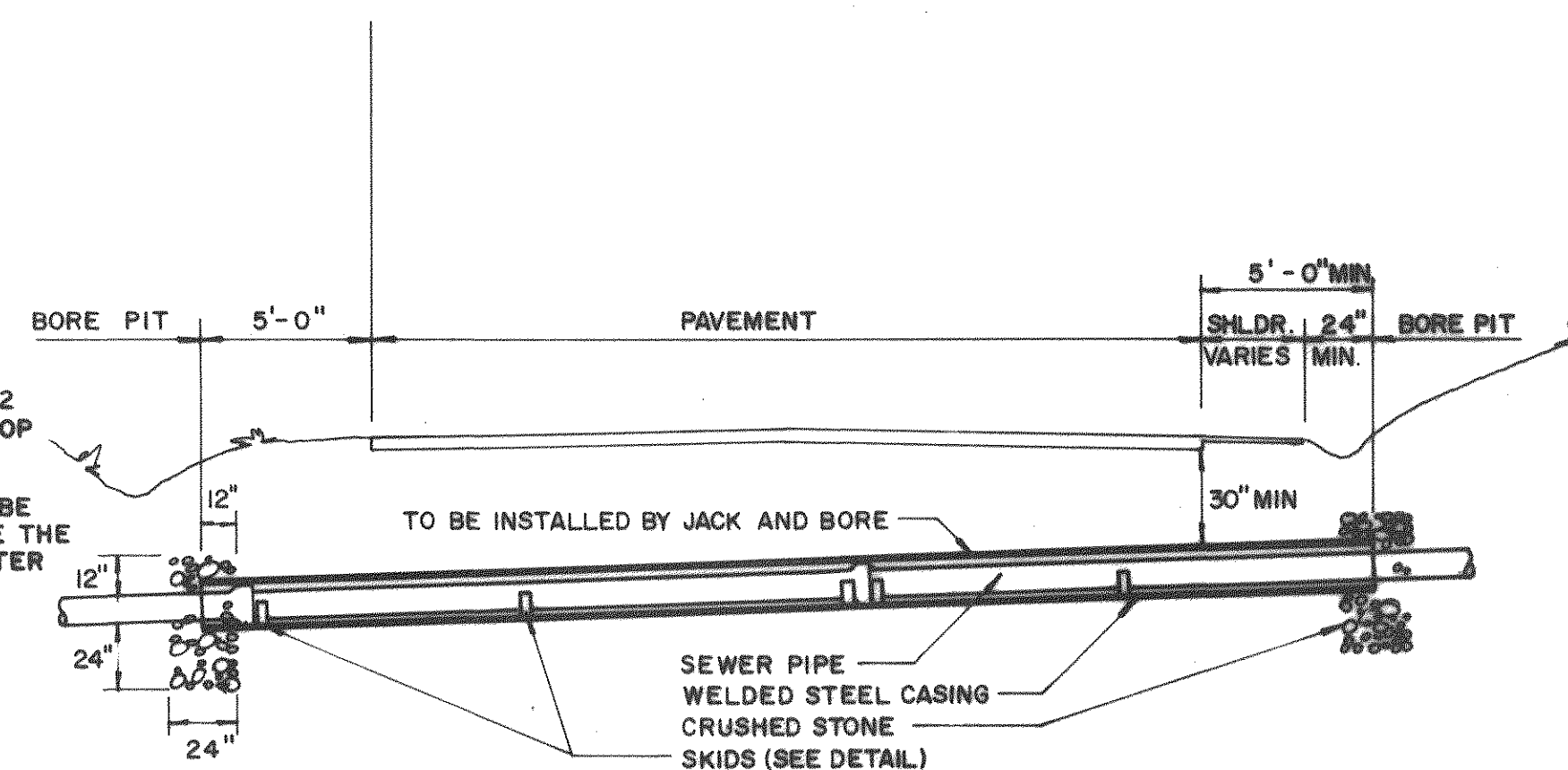


BEDDING DETAIL FIRST CLASS - CLASS B BEDDING

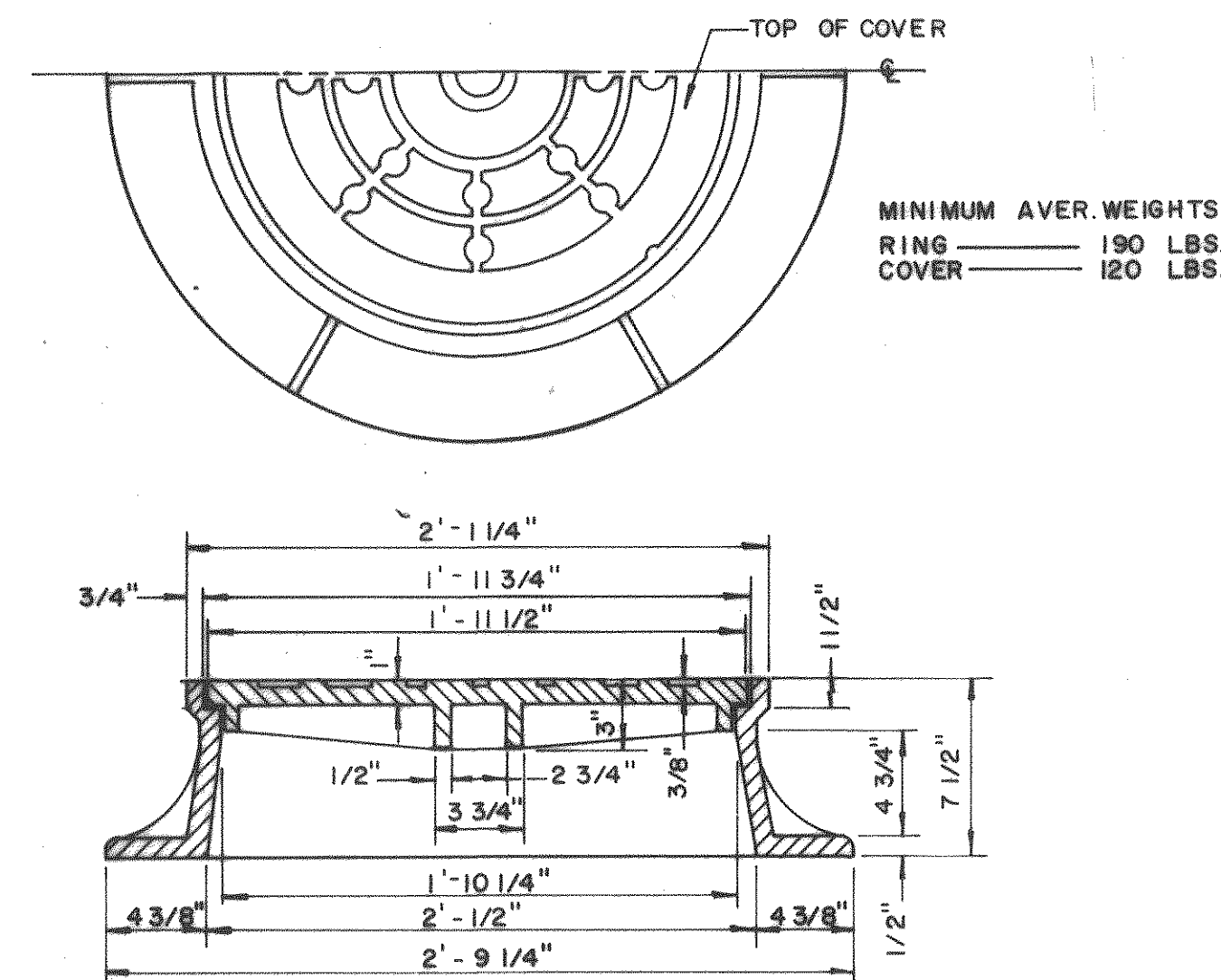


NOTE: AFTER CONSTR. OF EACH CREEK CROSSING THE LINES SHALL BE TESTED FOR INFILTRATION IN ACCORDANCE WITH THE SPECIFICATIONS WITH ZERO INFILTRATION. SHOULD INFILTRATION BE PRESENT, THE CONTRACTOR SHALL RECONSTRUCT THE CROSSING UNTIL ZERO INFILTRATION IS OBTAINED.

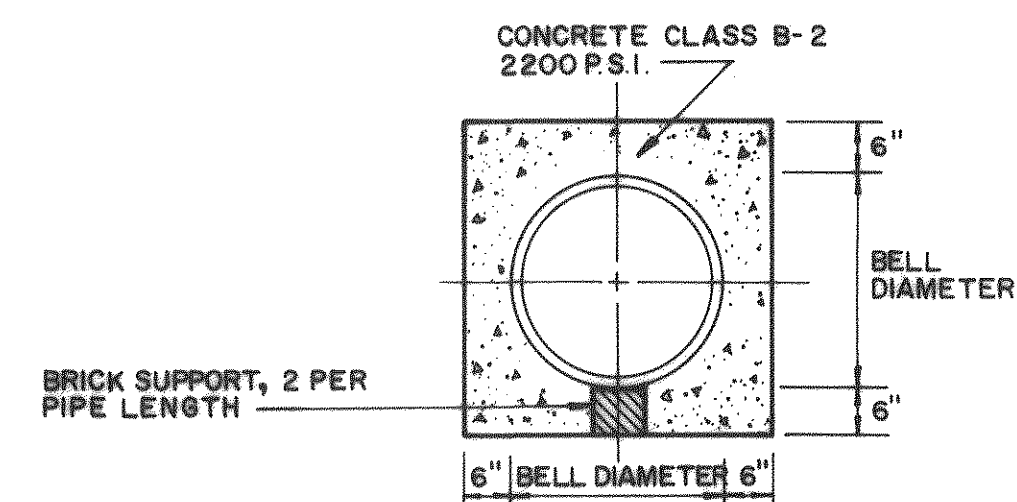
TYPICAL CREEK CROSSING AND BANK PROTECTION



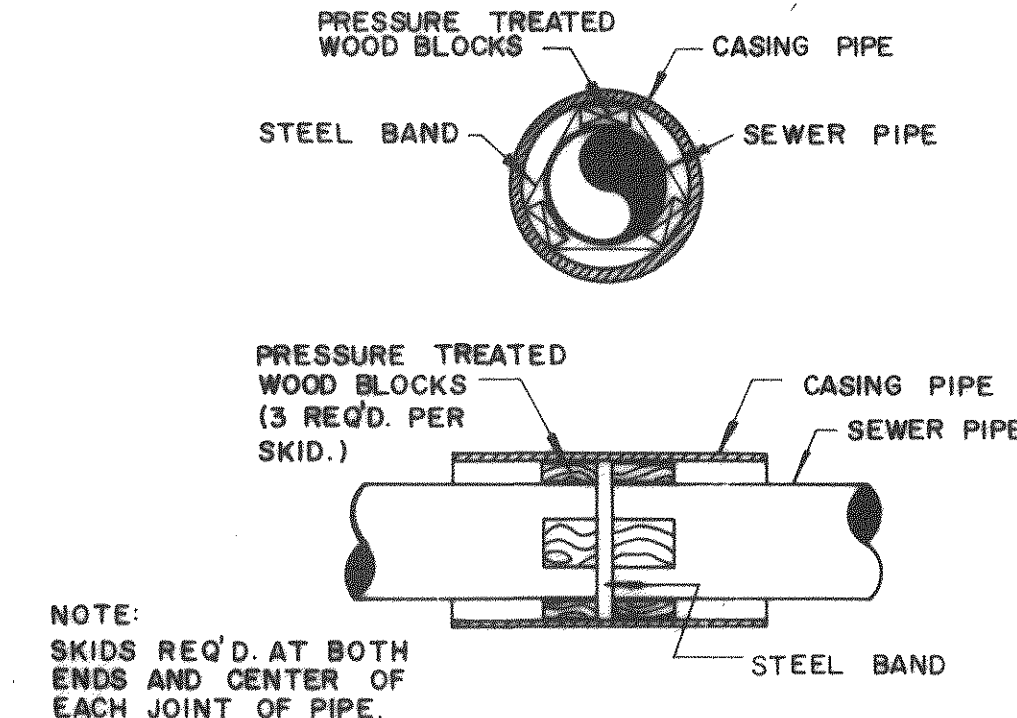
PRIMARY AND SECONDARY ROAD CROSSING



STANDARD MANHOLE COVER

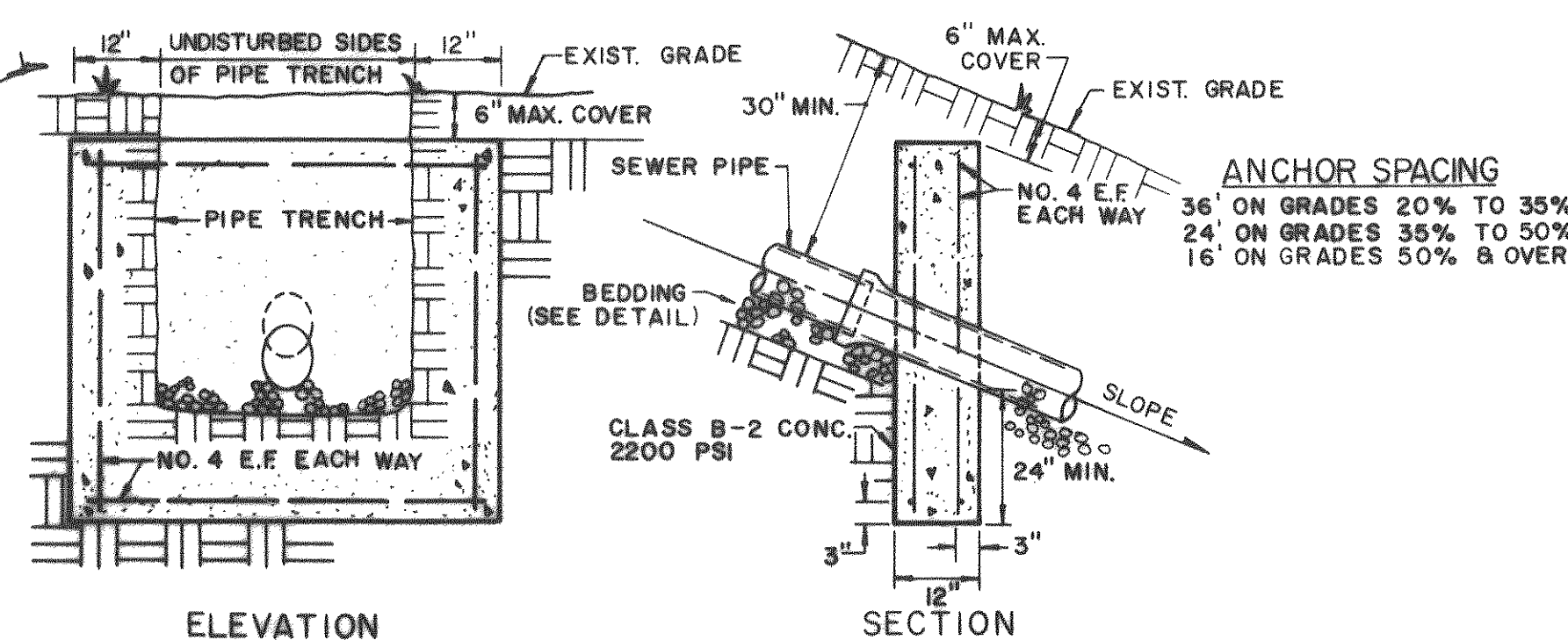


CONCRETE ENCASED PIPE

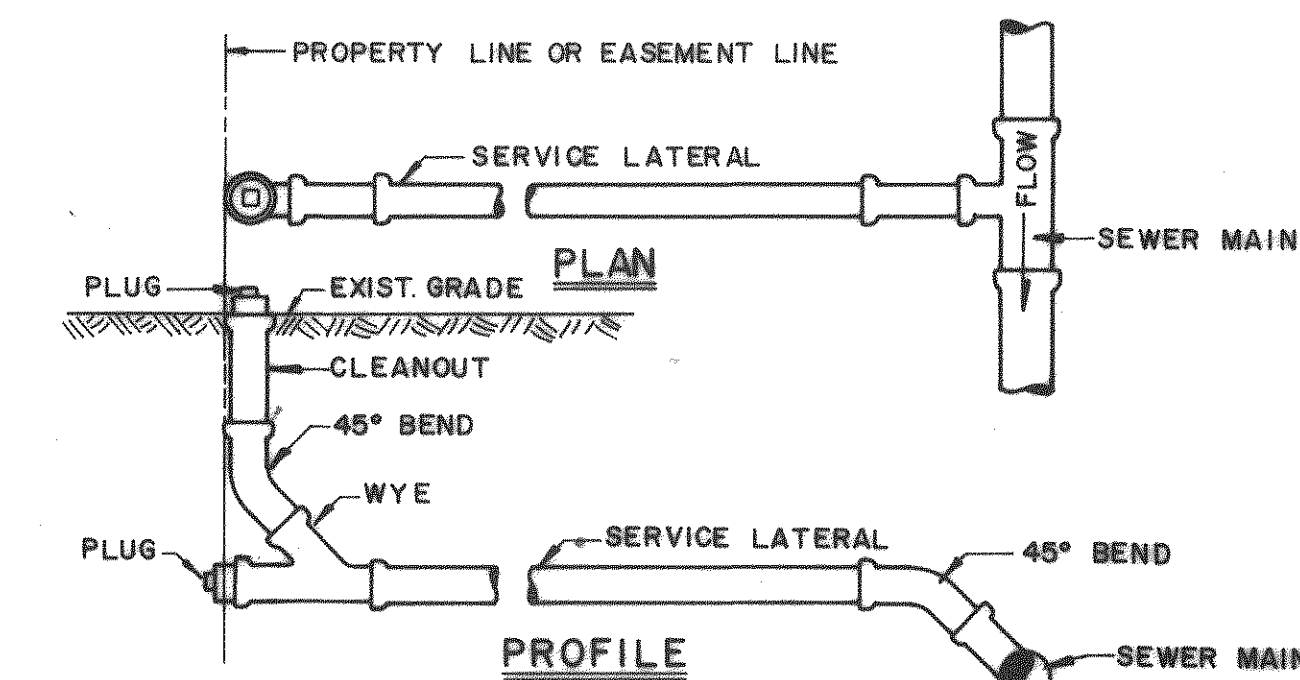


NOTE: SKIDS REQ'D. AT BOTH ENDS AND CENTER OF EACH JOINT OF PIPE.

SKID DETAIL

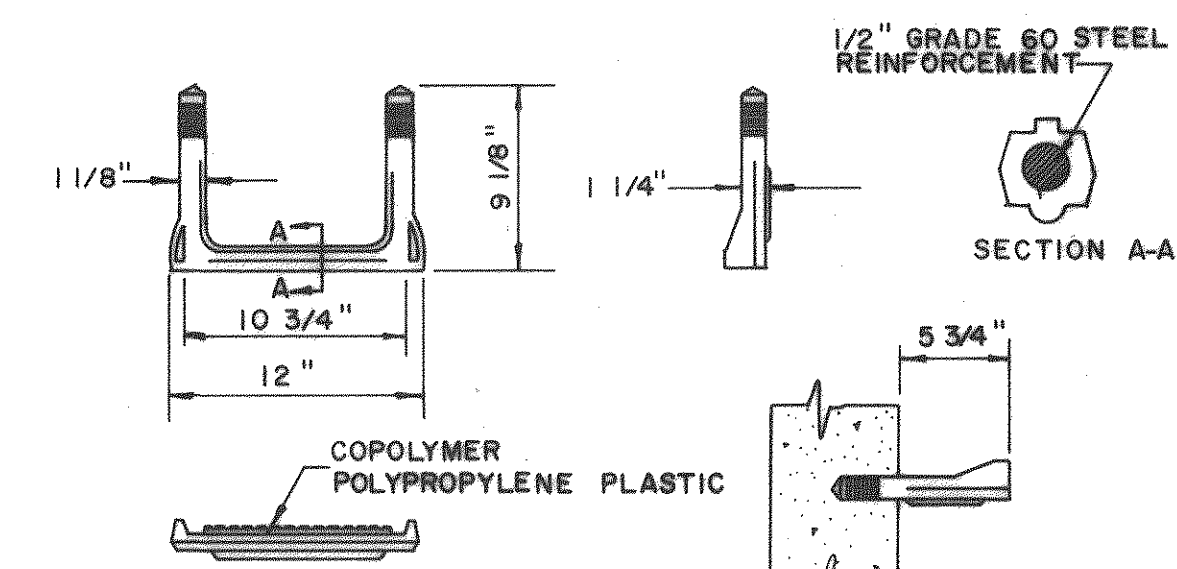


CONCRETE ANCHOR DETAIL



FOR RESIDENTIAL CONNECTIONS LATERAL PIPES SHALL BE 4\"/>

TYPICAL SERVICE CONNECTION



MANHOLE STEP DETAIL

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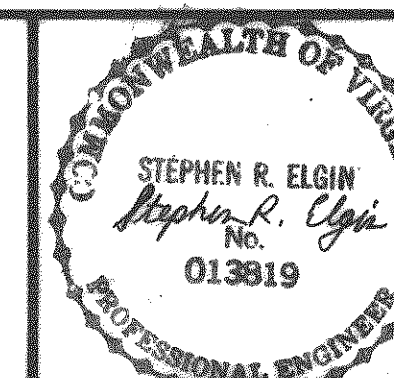
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