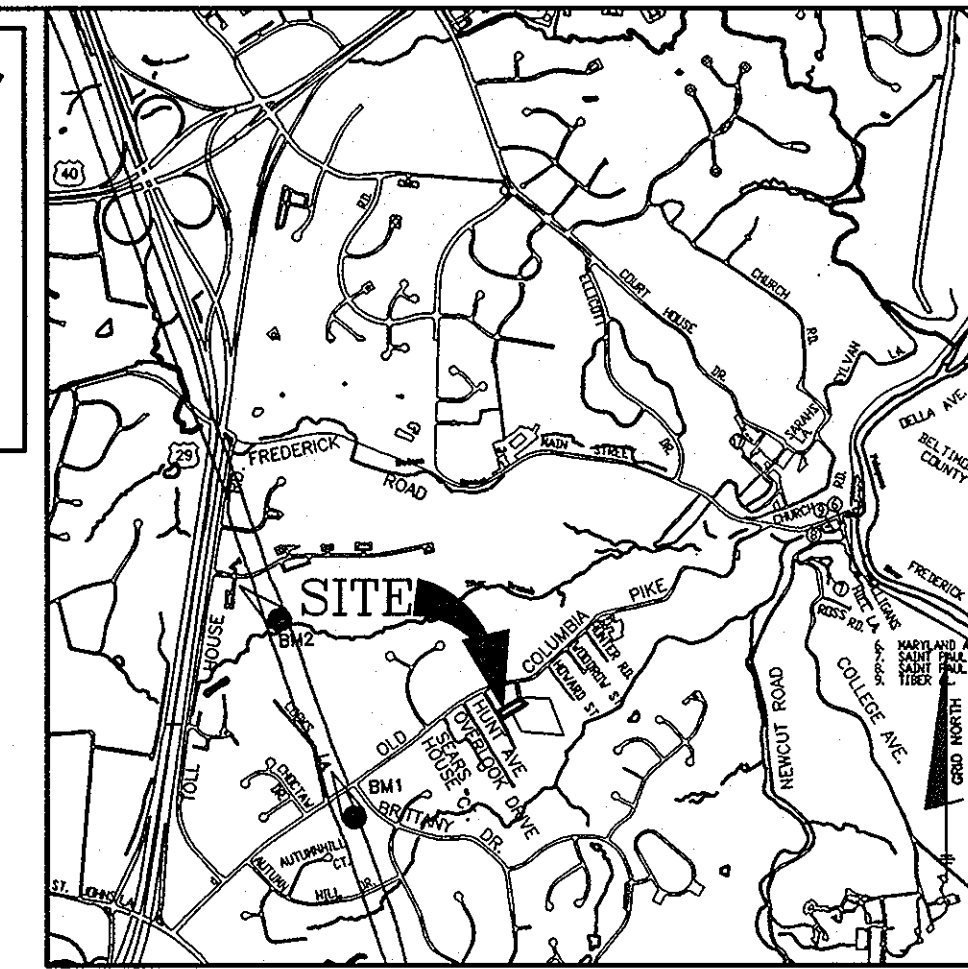


# THE WALTER DAVIS PROPERTY

## PUBLIC WATER AND PUBLIC SEWER CONSTRUCTION PLANS

### CONTRACT NO. 14-4670-D

BENCHMARKS NAD'83 HORIZONTAL			
HO. CO. #24FB			
N 582652.1506'	E 1364255.9193'	ELEVATION: 422.498'	
HO. CO. #2413			
N 580648.9394'	E 1364974.4661'	ELEVATION: 403.699'	



QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUF./SUPPLIER
6" DIP WATER	383 LF	383 LF	CL 54 D.I.P.	US PIPE/HD SUPPLY
6"x6" CS & V	1 EA	1 EA		FORD METER BOX/HD SUPPLY
1.5" PVC WHC	40 LF	40 LF	COPPER	HOWEL METAL/HD SUPPLY
1.0" OUTSIDE METERS	4 EA	4 EA	1.0" COPPER	FORD METER BOX/HD SUPPLY
6" PVC SEWER	22 LF	22 LF	SDR 35 PVC	NORTH AMERICAN/HD SUPPLY
1.5" FORCE MAIN	380 LF	380 LF	SDR 11 PIPE	FLYING W PIPE/HD SUPPLY
MANHOLES	2	2 EA	PRE-CAST CONCRETE	CONTRACTORS PRE-CAST
V.F. OF MANHOLES (total)	23	23 VF	PRE-CAST CONCRETE	CONTRACTORS PRE-CAST
GRINDER PUMP	4 EA	4 EA	E-ONE SEWER	SYSTEM/PREEMER-HANOVER, MD
TERMINAL FLUSHING CONN.	1 EA	1 EA	FLUSHING CONN. BOX	FORD METER BOX/HD SUPPLY
VALVE BOX w/CONDUCTING ROD	4 EA	4 EA	COPPER WIRE	AGAVE/HD SUPPLY

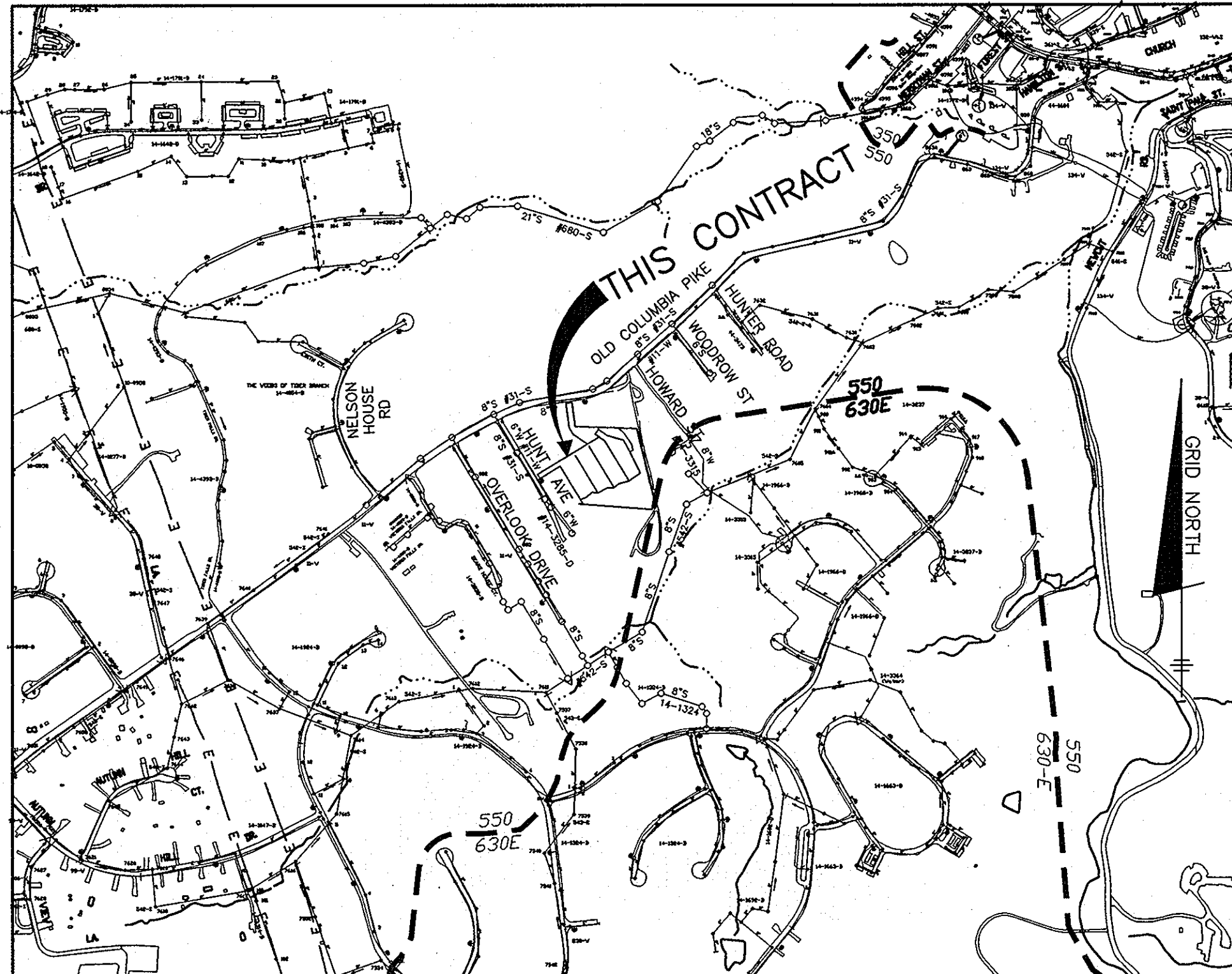
NAME OF UTILITY CONTRACTOR: J&A CONSTRUCTION SERVICES  
SURVEY AND DRAFTING DIVISION AS-BUILT DATE: 6-20-2013

* WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE				
LOT	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2	
2	4039 HUNT AVENUE			
3	4035 HUNT AVENUE			
4	4031 HUNT AVENUE			
5	4027 HUNT AVENUE			

* SEWER HOUSE CONNECTION AS-BUILT LOCATION TABLE				
LOT	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2	
2	4039 HUNT AVENUE			
3	4035 HUNT AVENUE			
4	4031 HUNT AVENUE			
5	4027 HUNT AVENUE			

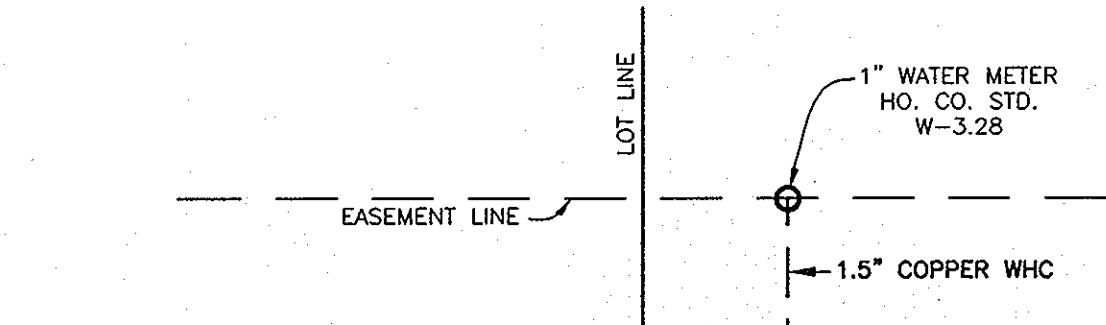
SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET/PLAN VIEW OF PUBLIC WATER & SEWER MAINS
2	PROFILES OF PUBLIC WATER & SEWER MAINS
3	GRINDER PUMP DETAILS

- PRESSURE SEWER NOTES:**
- THE BUILDER SHALL INSTALL BACKFLOW PREVENTER AND RELIEF VENT ON THE SEWER SERVICE AT THE HOUSE, AT THE TIME OF THE HOUSE CONSTRUCTION OR AS REQUIRED BY THE PLUMBING INSPECTOR.
  - INSTALLATION AND START-UP OF THE PRIVATELY OWNED GRINDER PUMPS AND APPURTENANCES, AND THE 4" PVC SEWER HOUSE CONNECTIONS (SHC) SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
  - ALL PRESSURE SEWER SHALL BE HDPE SDR 11. A 6 GAUGE TRACER WIRE SHALL BE WRAPPED AROUND OR ATTACHED TO THE PIPE. TRACER WIRE CONNECTIONS OFF OF THE MAIN MUST BE OVERLAPPING, INSULATED #6, FIRMLY CONNECTED AND EXPOSED.
  - ALL PRESSURE SEWER IS TO BE PRESSURE TESTED ACCORDING TO THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS.

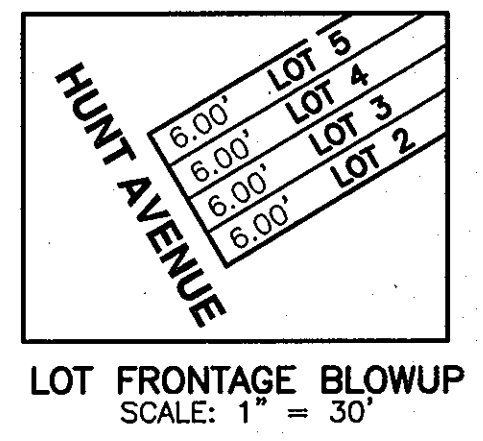
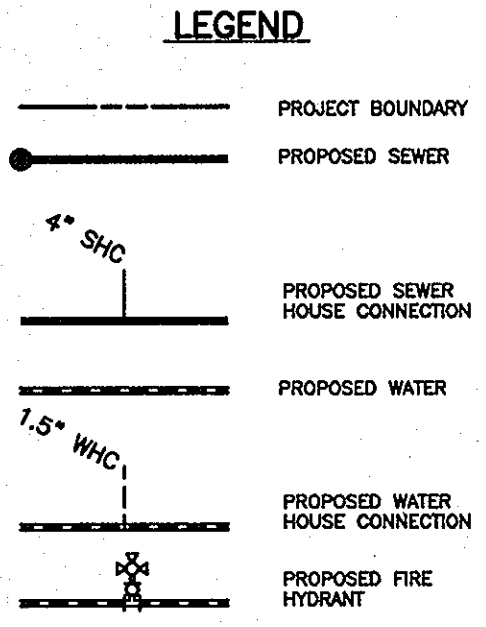


**LOCATION MAP**  
SCALE: 1" = 600'

TYPE OF BUILDING:	SFD
NO. OF LOTS/PARCELS/UNITS:	4
NUMBER OF SHC'S:	4
NUMBER OF WHC'S:	4
DRAINAGE AREA:	
TREATMENT PLANT:	
WATER ZONE:	550
TEST GRADIENT:	700



**TYPICAL WATER HOUSE CONNECTION**  
LOTS 2-5  
(OUTSIDE METER SETTING)  
NOT TO SCALE



**LOT FRONTAGE BLOWUP**  
SCALE: 1" = 30'

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John R. Robertson*  
HOWARD SOIL CONSERVATION DISTRICT  
DATE: 8/9/12

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER F-12-091

**OWNER/DEVELOPER:**  
WALTER DAVIS JR & WIFE  
3959 OLD COLUMBIA ROAD  
ELLICOTT CITY, MARYLAND 21043  
443-340-2890

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 28859, Expiration Date: 7-22-2013.

SEWER MANHOLE SCHEDULE		
MANHOLE	LOCATION	RIM ELEVATION
1	N 581046.91 E 1366754.30	363.50
2	N 581058.82 E 1366773.55	364.00

**PLAN VIEW**  
SCALE: 1" = 50'

### GENERAL NOTES

- PART I - GENERAL**
- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
  - TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED IN FEBRUARY, 2003 BY BENCHMARK ENGINEERING, INC.
  - THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD 83/91 AS PROVIDED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 0012 AND NO. 16E1.
  - ALL VERTICAL CONTROLS ARE BASED ON NAVD '88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE 0012 AND 16E1.
  - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
  - CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 6'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
  - FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
  - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL (M) AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
  - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:  
 AT&T.....1-800-252-1133  
 BGE (CONSTRUCTION SERVICES).....410-850-4620  
 BGE (EMERGENCY).....410-885-1400  
 BUREAU OF UTILITIES.....410-313-4900  
 COLONIAL PIPELINE CO.....410-795-1390  
 MISS UTILITY.....1-800-257-7777  
 STATE HIGHWAY ADMINISTRATION.....410-331-5533  
 VERIZON.....1-800-743-0033/410-224-9210
  - TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
  - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-7450 AT LEAST FIVE (5) WORKING DAYS BEFORE OPENING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(c) OF THE HOWARD COUNTY CODE.

### PART II - WATER

- ALL WATER MAINS SHALL BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED OR ANCHORED IN CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE 1.5 INCHES WITH A 1 INCH OUTSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.

### PART III - SEWER

- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 18" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATER TIGHT FRAME AND COVER, STANDARD DETAIL GS-52. WHERE WATER TIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.H.S." INDICATES THAT CELLAR CANNOT BE SERVED.

**AS BUILTS**  
BY: DFI DATE: 7/29/13

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*John C. Chen*  
CHIEF, BUREAU OF UTILITIES  
DATE: 8/1/12

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*John P. ...*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE: 8/1/12

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE A SUITE 418 ELLICOTT CITY, MARYLAND 21043  
(P) 410-465-8103 (F) 410-465-8644  
60 THOMAS JOHNSON DRIVE A FREDERICK, MARYLAND 21702  
(P) 301-371-3505 (F) 301-371-3506  
WWW.BD-CIVILENGINEERING.COM

STATE OF MARYLAND  
BRIAN F. GLENN  
REGISTERED PROFESSIONAL ENGINEER  
LICENSE NO. 28859  
EXPIRES 7/22/2013

DES:	BFC/DBT				
DRAFT:	DBT				
CHK:	BFC				
DATE:	7/2012				
BY:	NO.				
REVISIONS					
DATE					

**TITLE SHEET**  
**PUBLIC WATER & SEWER MAINS**

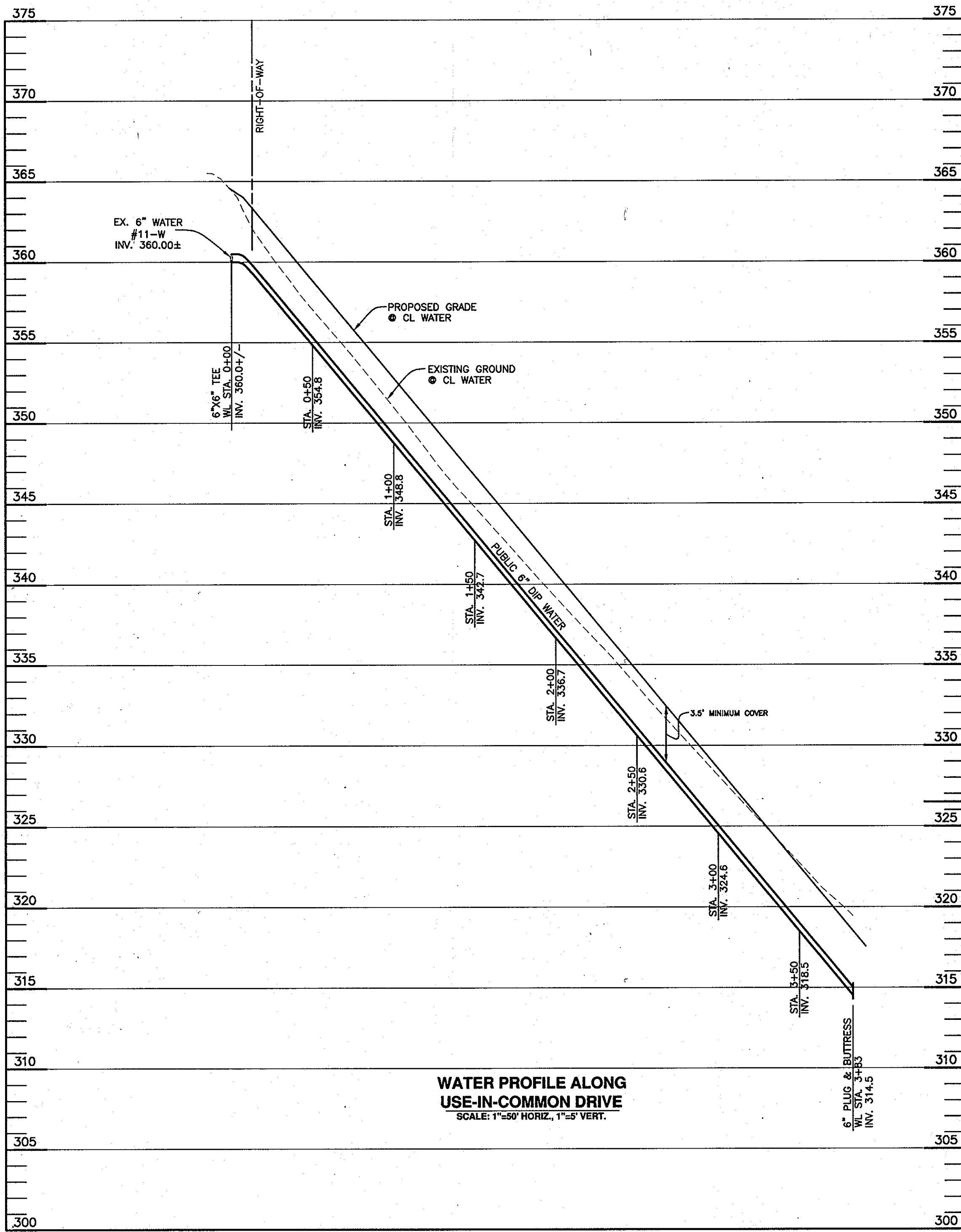
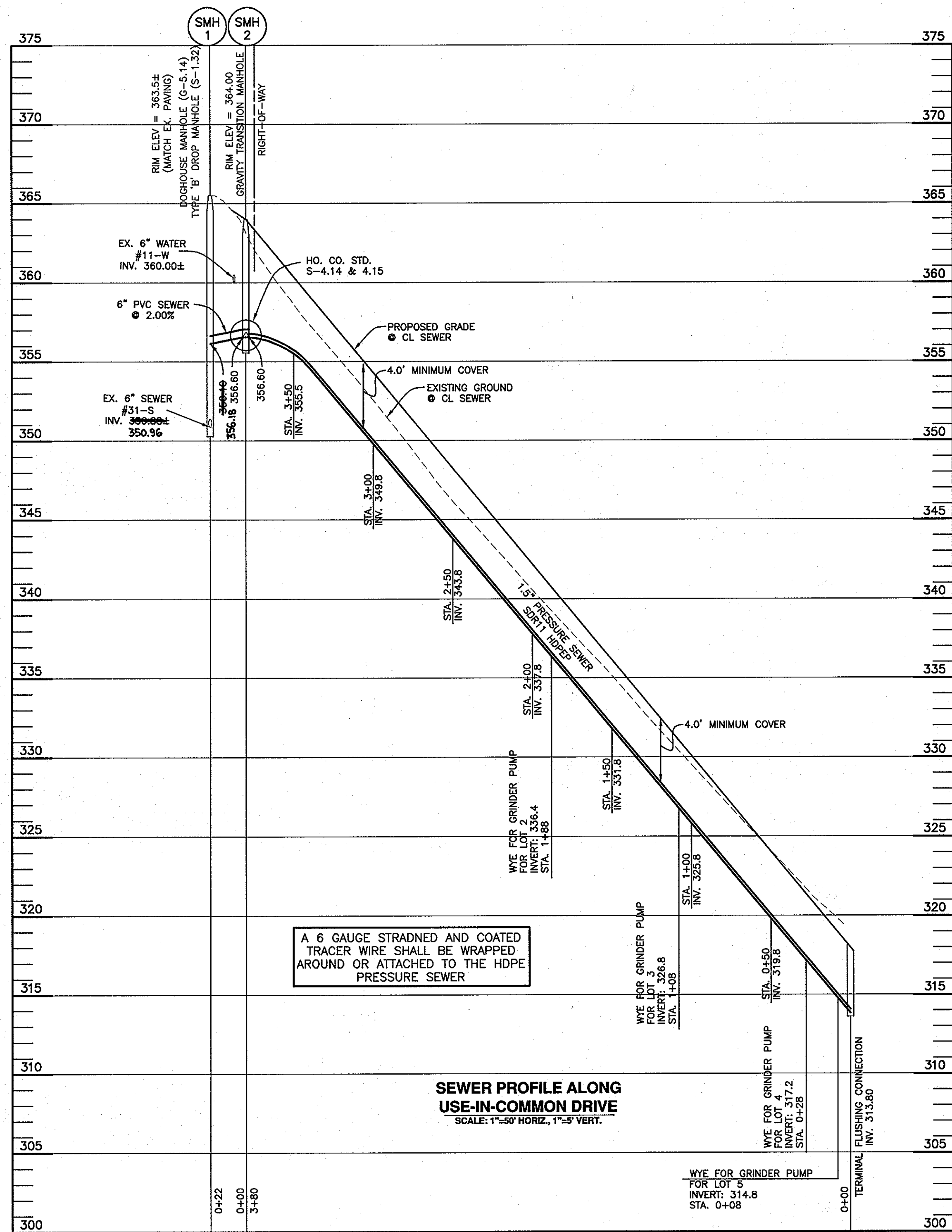
600 SCALE MAP NO. 25 BLOCK: 13 200 SCALE MAP NO. .

**THE WALTER DAVIS PROPERTY**  
LOTS 2 thru 5  
OPEN SPACE LOTS 6 AND 7

TAX MAP: 25 - BLOCK: 13 - PARCEL: 148 - ZONED: R-20- ELECTION DISTRICT: 2

**CONTRACT NO. 14-4670-D**

SCALE: AS SHOWN  
SHEET NO. 1 OF 3



ASBUILT UTILITY LOCATION CHART #1		
FROM	TO	DISTANCE
6" TAPPING SLEEVE & VALVE	EX. F.H.	11.00'
6" TAPPING SLEEVE & VALVE	SMH 1	21.80'
6" TAPPING SLEEVE & VALVE	SMH 2	10.00'
6" TAPPING SLEEVE & VALVE	WM LOT 4040	31.80'
SMH 1	VALVE BOX W/CONDUCTING ROD	22.30'
SMH 2	VALVE BOX W/CONDUCTING ROD	8.50'

ASBUILT UTILITY LOCATION CHART #2 - LOT 2		
FROM	TO	DISTANCE
1.5" WHC	CL GRINDER PUMP	27.00'
1.5" WHC	SEWER BALL VALVE BOX	28.50'
1.5" SEWER BALL VALVE	CL GRINDER PUMP	8.00'
1.5" SEWER BALL VALVE	VALVE BOX W/CONDUCTING ROD	4.00'
CL GRINDER PUMP	VALVE BOX W/CONDUCTING ROD	8.00'

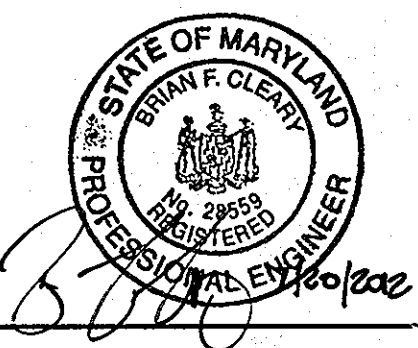
ASBUILT UTILITY LOCATION CHART #3 - LOT 3		
FROM	TO	DISTANCE
1.5" WHC	CL GRINDER PUMP	26.50'
1.5" WHC	SEWER BALL VALVE BOX	26.00'
1.5" SEWER BALL VALVE	CL GRINDER PUMP	8.50'
1.5" SEWER BALL VALVE	VALVE BOX W/CONDUCTING ROD	4.00'
CL GRINDER PUMP	VALVE BOX W/CONDUCTING ROD	8.50'

ASBUILT UTILITY LOCATION CHART #4 - LOT 4		
FROM	TO	DISTANCE
1.5" WHC	CL GRINDER PUMP	25.60'
1.5" WHC	SEWER BALL VALVE BOX	25.00'
1.5" SEWER BALL VALVE	CL GRINDER PUMP	7.50'
1.5" SEWER BALL VALVE	VALVE BOX W/CONDUCTING ROD	4.00'
CL GRINDER PUMP	VALVE BOX W/CONDUCTING ROD	8.00'

ASBUILT UTILITY LOCATION CHART #5 - LOT 5		
FROM	TO	DISTANCE
1.5" WHC	CL GRINDER PUMP LOT 4	26.00'
1.5" WHC	TERMINAL FLUSHING CONNECTION	21.50'
1.5" SEWER BALL VALVE	CL GRINDER PUMP	7.50'
1.5" SEWER BALL VALVE	VALVE BOX W/CONDUCTING ROD	4.00'
CL GRINDER PUMP	VALVE BOX W/CONDUCTING ROD	8.00'

OWNER/DEVELOPER:  
 WALTER DAVIS JR & WIFE  
 3959 OLD COLUMBIA ROAD  
 ELLICOTT CITY, MARYLAND 21043  
 443-340-2890

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 28559, Expiration Date: 7-22-2013.



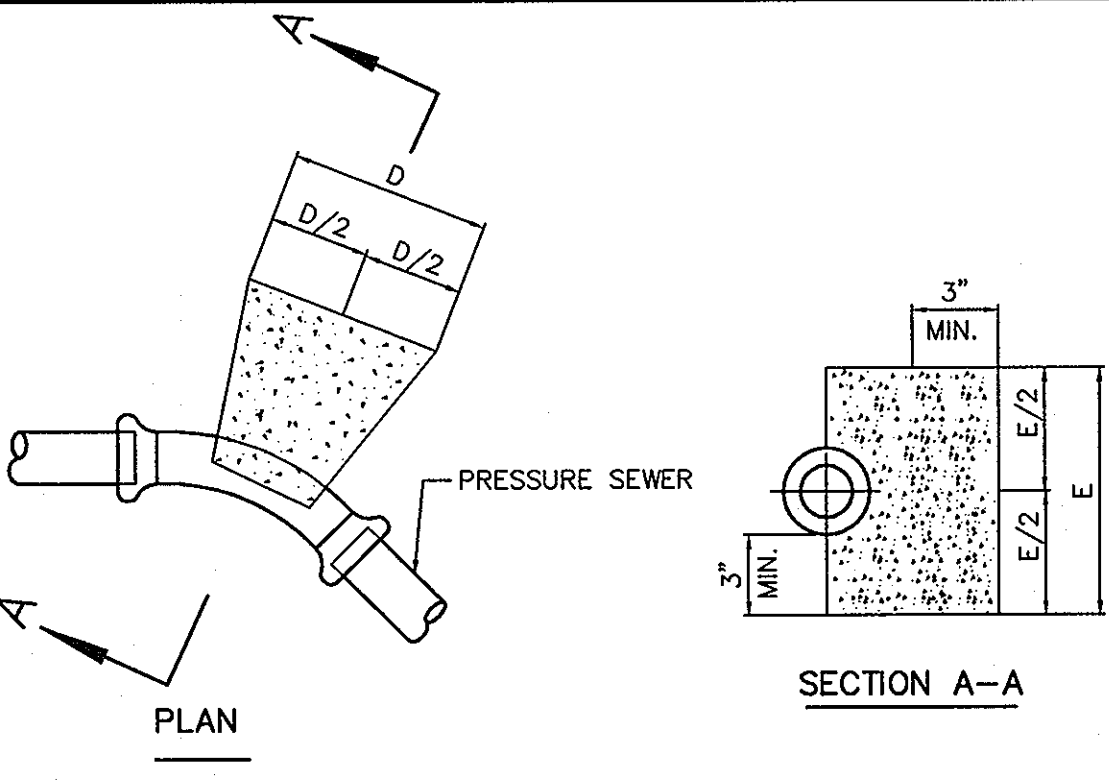
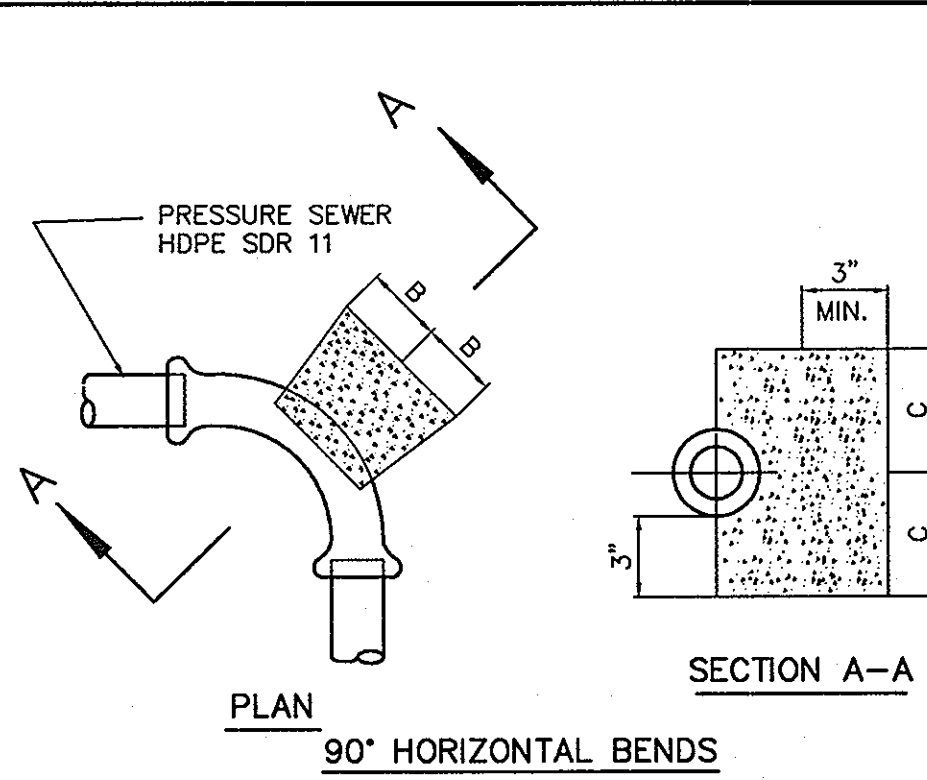
**BENCHMARK ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE & SUITE 418 & ELLICOTT CITY, MARYLAND 21043  
 (P) 410-465-9105 (F) 410-465-6644  
 60 THOMAS JOHNSON DRIVE & FREDERICK, MARYLAND 21702  
 (P) 301-371-3505 (F) 301-371-3506  
 WWW.BE-ENGINEERING.COM

DESIGN: DBT			
DRAFT: DBT			
CHK: BFC			
DATE: 7/2012	BY: NO.	REVISIONS	DATE

PROFILES OF PUBLIC WATER & SEWER MAINS

THE WALTER DAVIS PROPERTY  
 LOTS 2 thru 5  
 OPEN SPACE LOTS 6 AND 7  
 TAX MAP: 25 - BLOCK: 13 - PARCEL: 14B - ZONED: R-20- ELECTION DISTRICT: 2  
**CONTRACT NO. 14-4670-D**

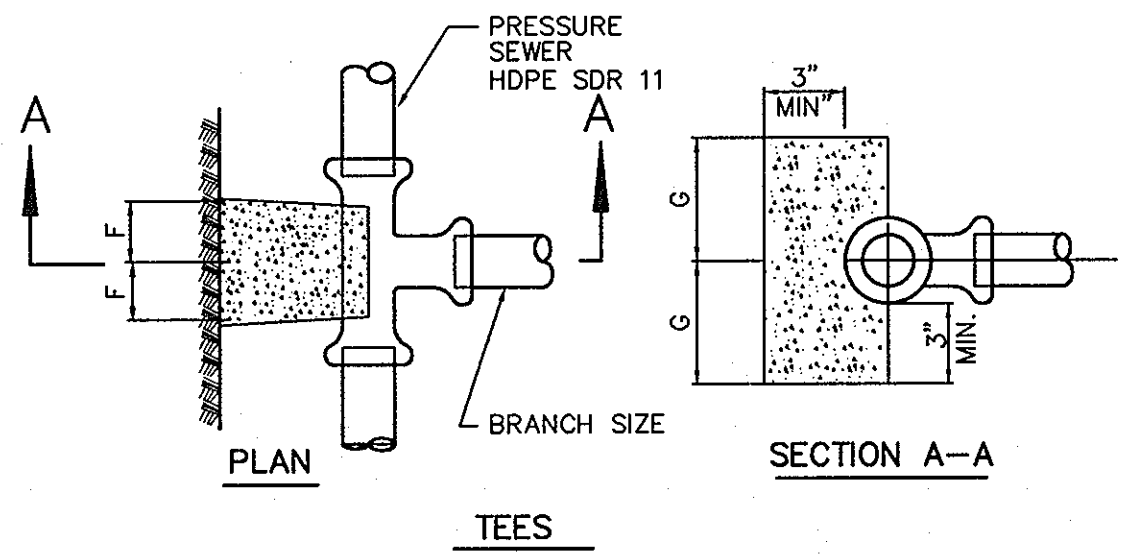
SCALE: AS SHOWN  
 SHEET NO. 2 OF 3



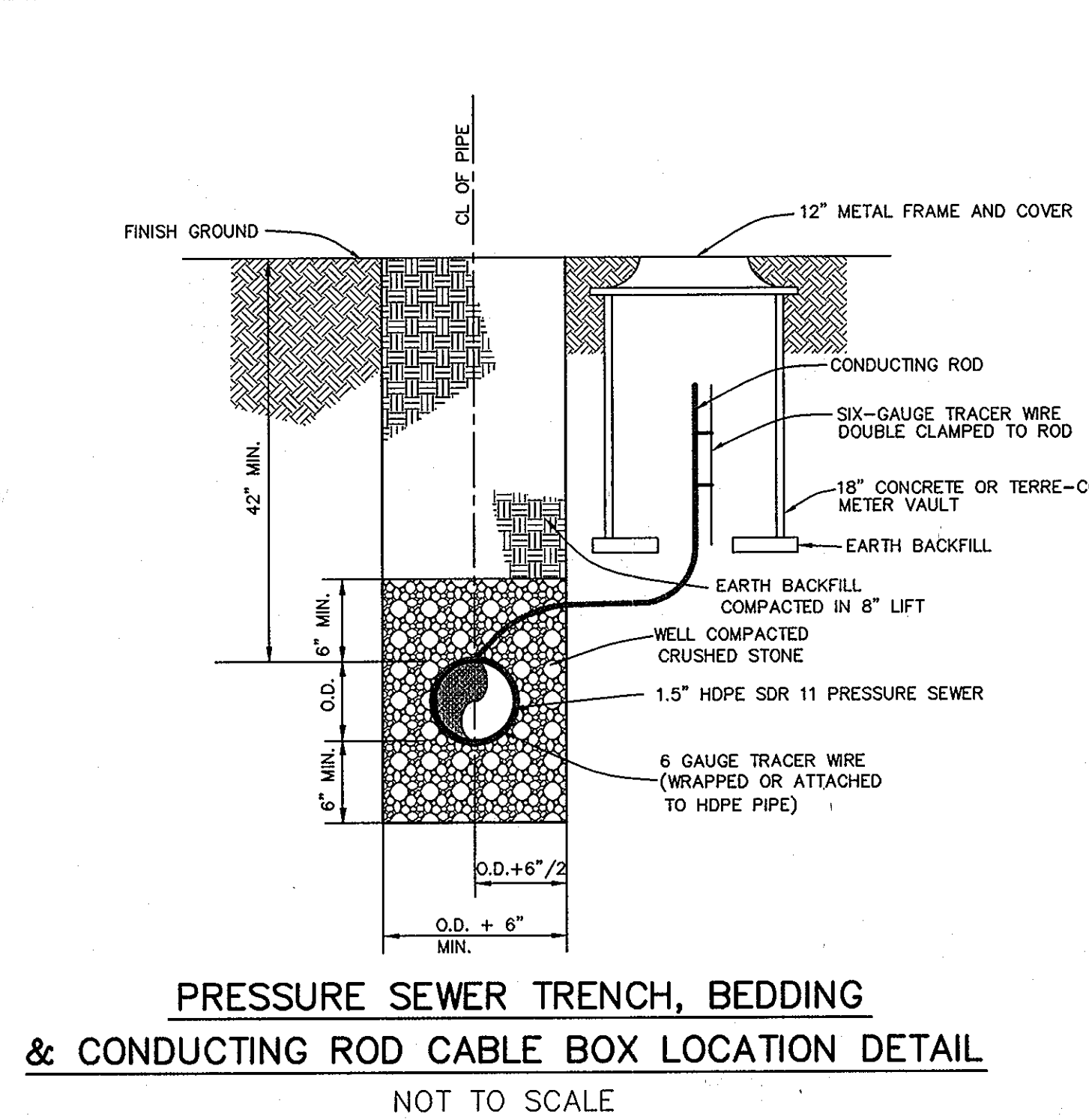
11-1/4, 22-1/2, 45° HORIZONTAL & LOWER VERTICAL BENDS

PIPE SIZE	B	C	D	E	F	G
1-1/4" & 1-1/2"	4"	4"	5"	5"	3"	3"
2"	5"	5"	7"	7"	5"	5"

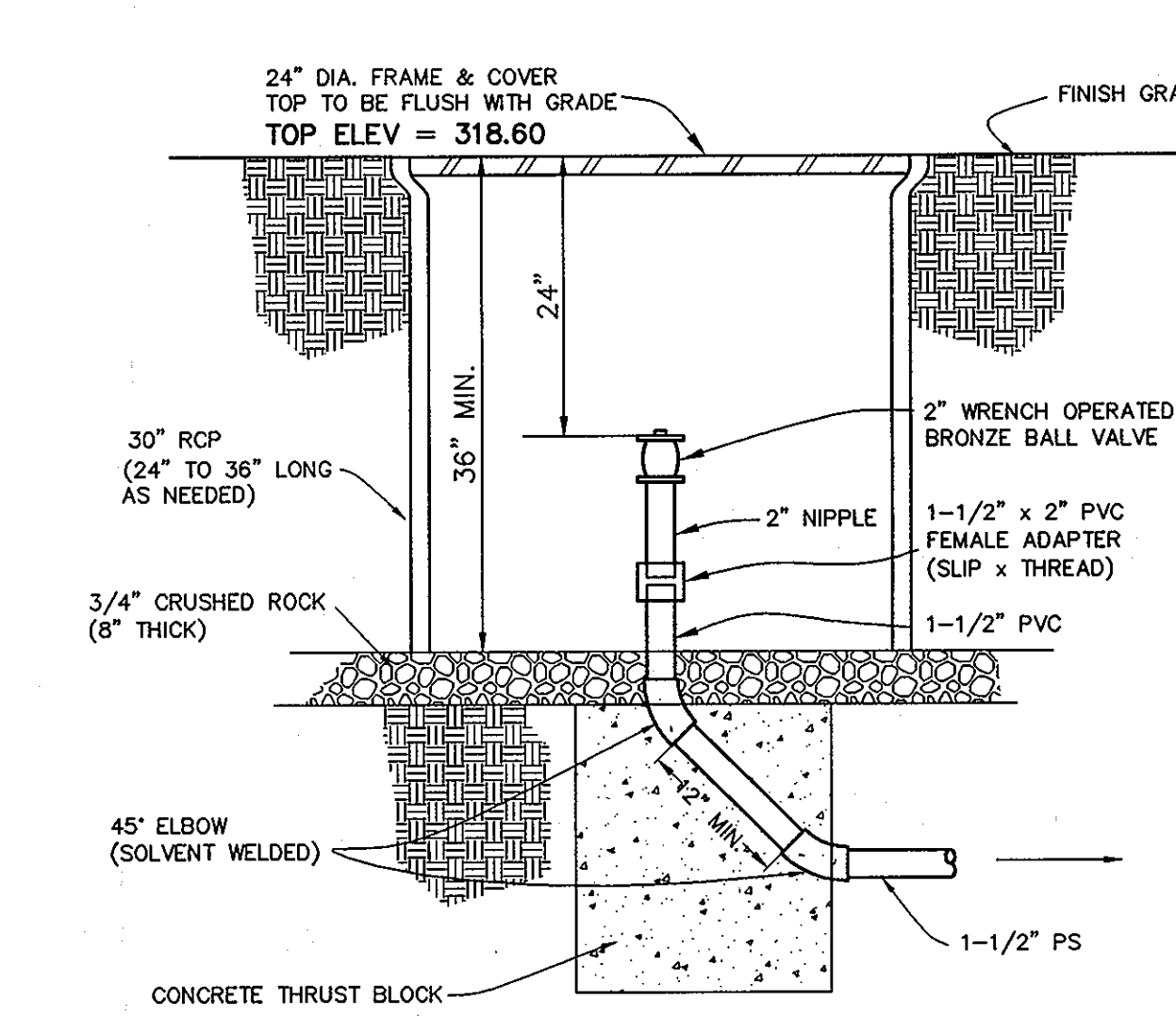
- NOTES:
- f'c = 3000 psi @ 28 DAYS.
  - CARRY ALL BEARING SURFACE TO UNDISTURBED GROUND OR FIRM SUBGRADE.
  - BUTTRESS SIZED FOR 150 PSI.
  - DO NOT ENCASE JOINTS.



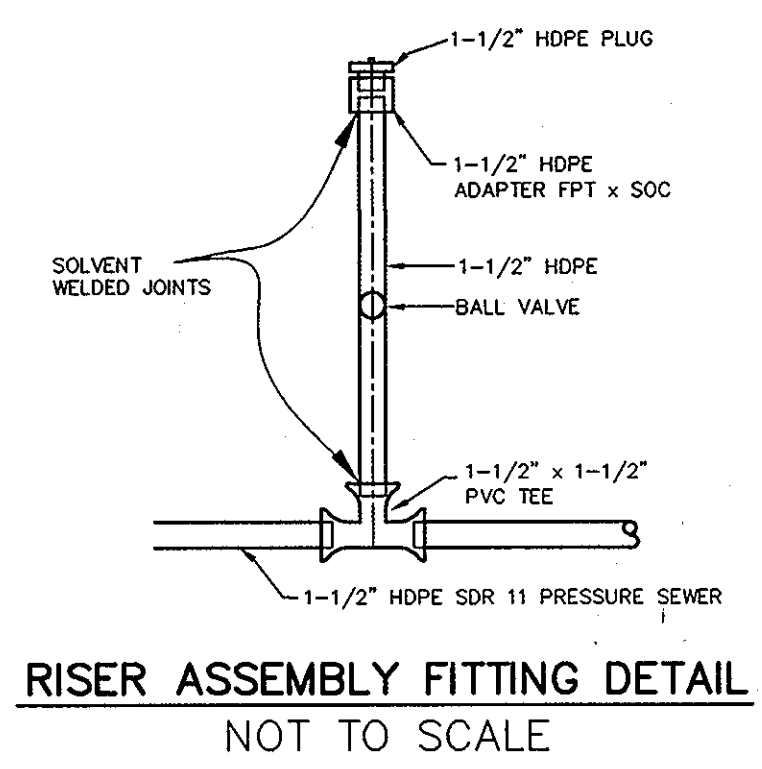
PRESSURE SEWER BLOCKING DETAILS  
NOT TO SCALE



PRESSURE SEWER TRENCH, BEDDING & CONDUCTING ROD CABLE BOX LOCATION DETAIL  
NOT TO SCALE



TERMINAL FLUSHING CONNECTION  
NOT TO SCALE

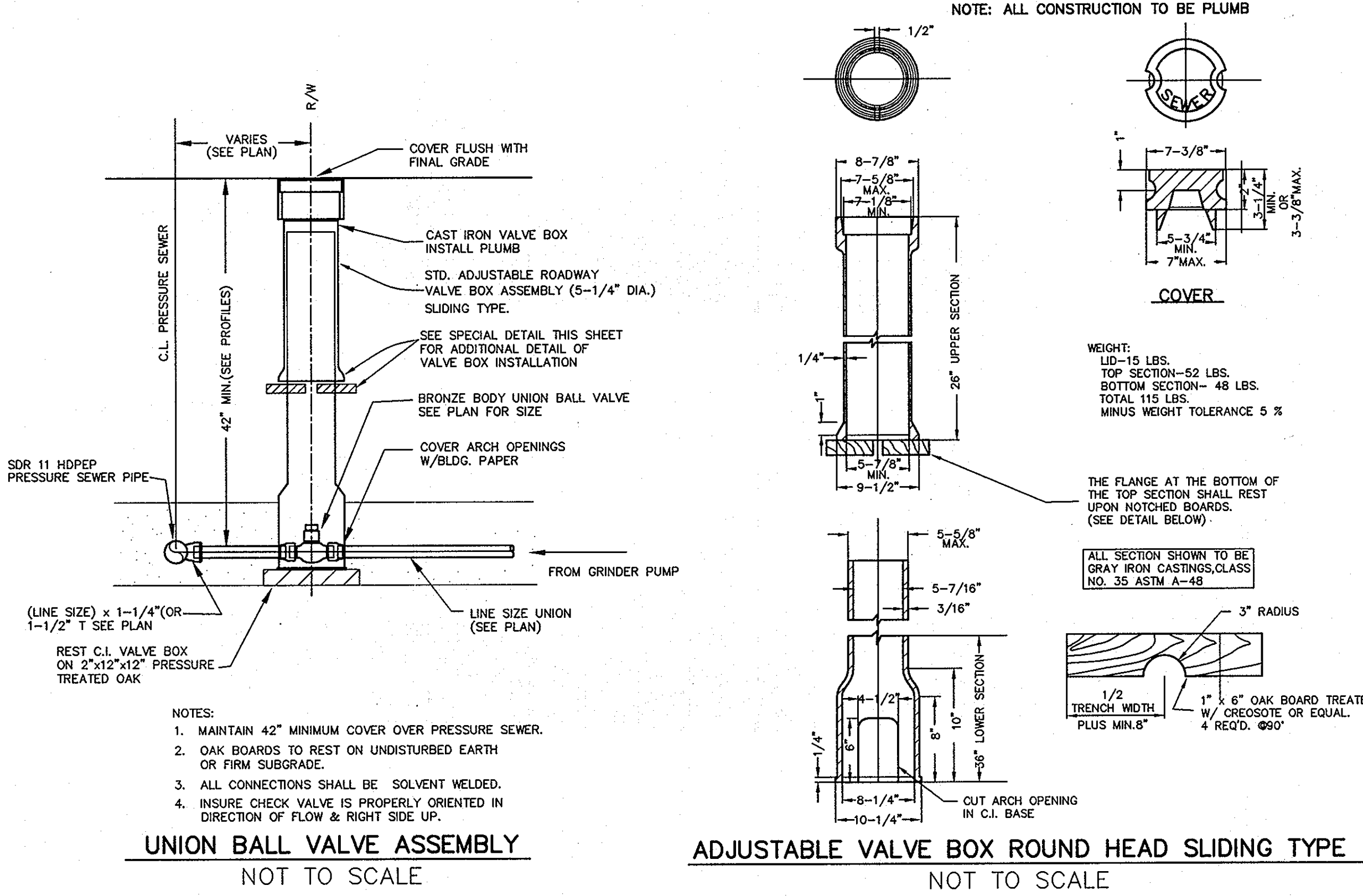


RISER ASSEMBLY FITTING DETAIL  
NOT TO SCALE

LOTS	TOP ELEV.	BOTTOM ELEV.	DEPTH	INLET ELEV.	DISCHARGE ELEV.	REMARKS
2	341.0	330.41	10.59' (127.1")	333.67	334.25	MODEL NO. DH151-129
3	331.0	320.41	10.59' (127.1")	323.67	324.25	MODEL NO. DH151-129
4	322.0	311.41	10.59' (127.1")	314.67	315.25	MODEL NO. DH151-129
5	314.0	303.41	10.59' (127.1")	306.67	307.25	MODEL NO. DH151-129

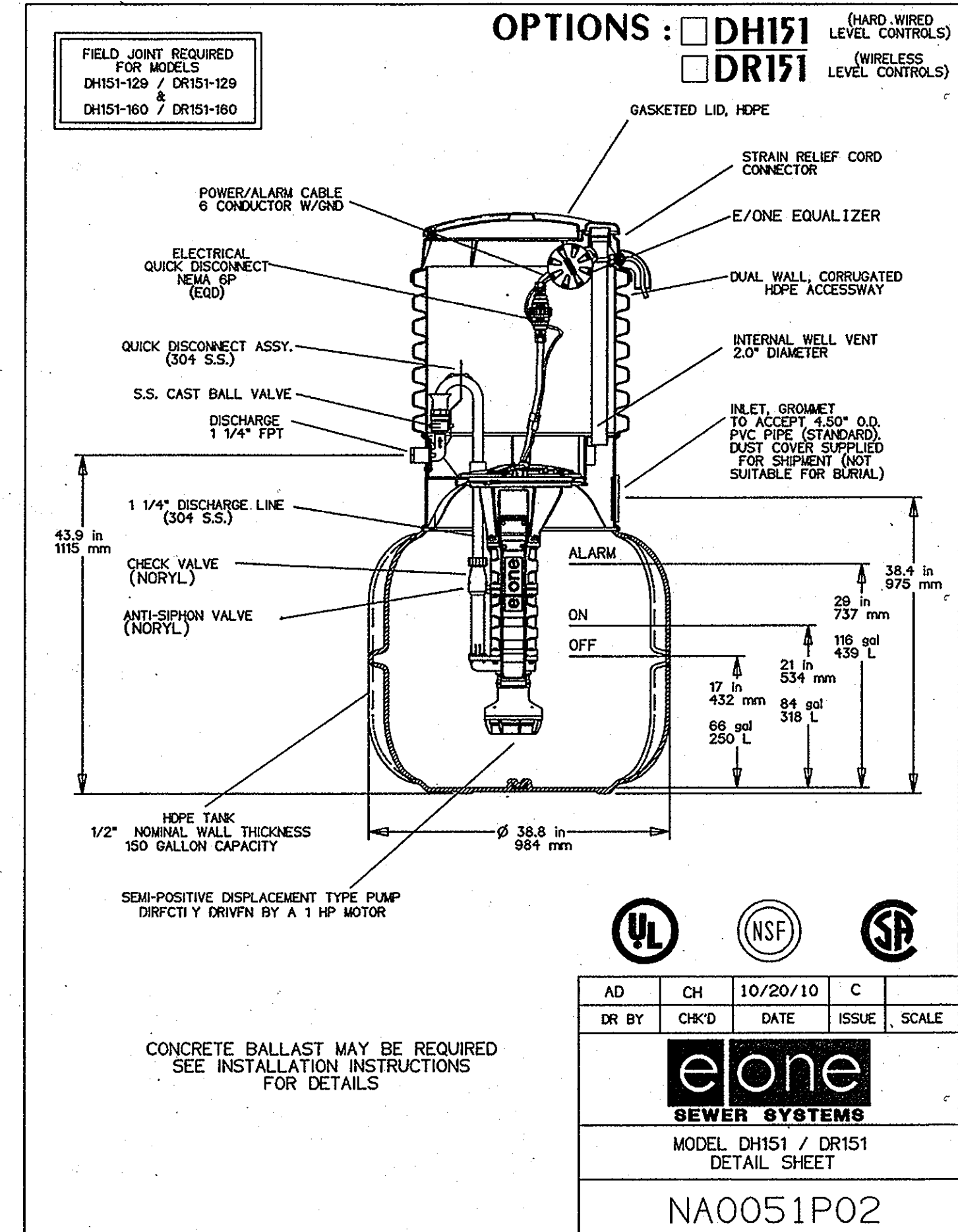
NOTE: SEE MANUFACTURER'S MANUAL FOR GRINDER PUMP INSTALLATION REQUIREMENT, PROCEDURE, AND ELECTRICAL CONNECTION.

ACCEPTABLE ALTERNATE TO ENVIRONMENT ONE GRINDER PUMP:  
VORTEK GRINDER PUMPS  
C/O FLUID SOLUTIONS, INC.  
TANESY TOWN, MARYLAND  
410-756-9292



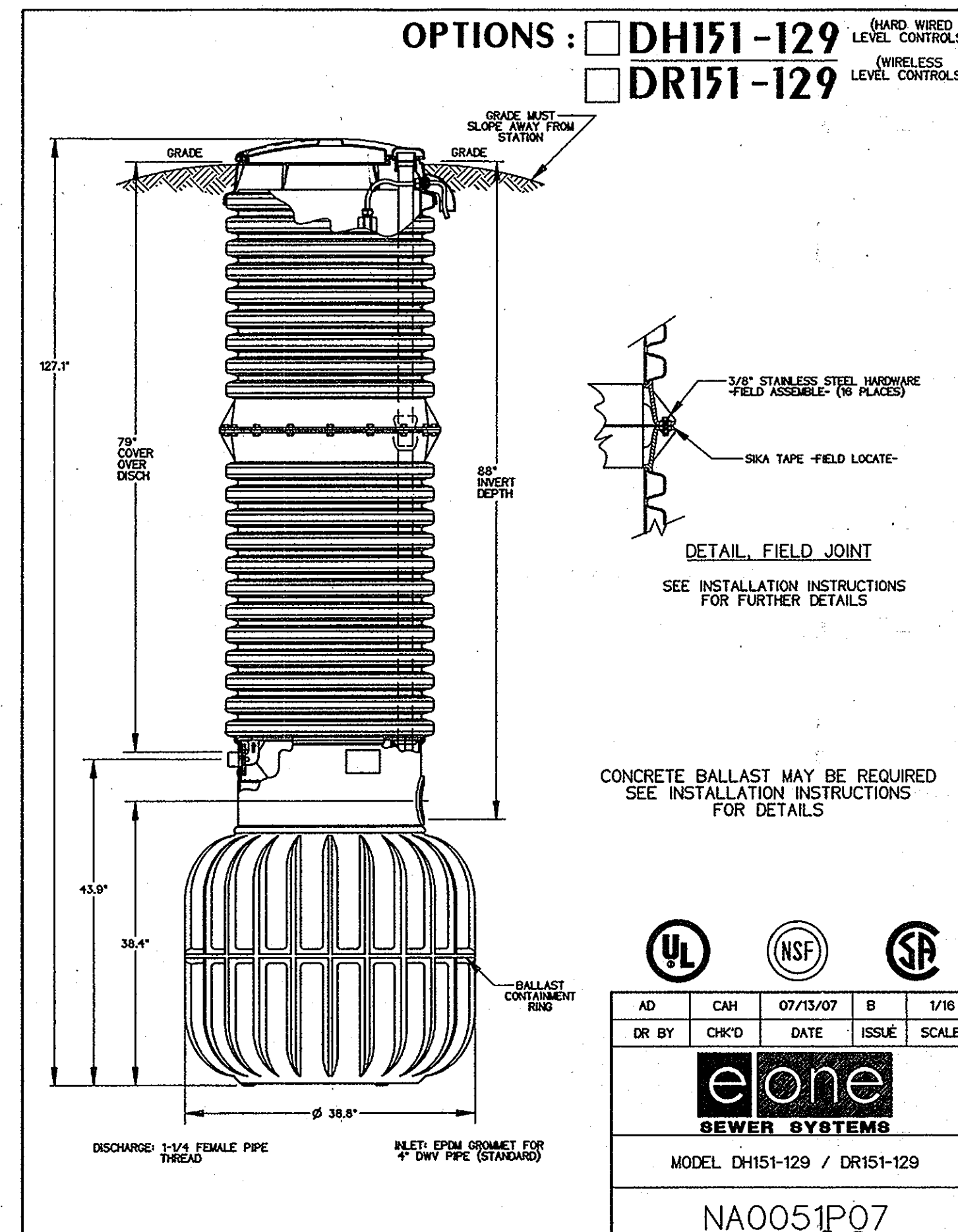
UNION BALL VALVE ASSEMBLY  
NOT TO SCALE

ADJUSTABLE VALVE BOX ROUND HEAD SLIDING TYPE  
NOT TO SCALE



OPTIONS:  DH151 (HARD WIRED LEVEL CONTROLS)  
 DR151 (WIRELESS LEVEL CONTROLS)

AD	CH	10/20/10	C
DR BY	CHK'D	DATE	ISSUE
<b>eone</b> SEWER SYSTEMS			
MODEL DH151 / DR151 DETAIL SHEET			
NA0051P02			



OPTIONS:  DH151-129 (HARD WIRED LEVEL CONTROLS)  
 DR151-129 (WIRELESS LEVEL CONTROLS)

AD	CAH	07/13/07	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE
<b>eone</b> SEWER SYSTEMS				
MODEL DH151-129 / DR151-129				
NA0051P07				

OWNER/DEVELOPER:  
WALTER DAVIS JR & WIFE  
3959 OLD COLUMBIA ROAD  
ELLCOTT CITY, MARYLAND 21043  
443-340-2890

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 28559, Expiration Date: 7-22-2013.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
S. J. C. [Signature]  
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
[Signature]  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
ENGINEERING, INC.  
8480 BALTIMORE NATIONAL PIKE SUITE 415 & ELLCOTT CITY, MARYLAND 21043  
(P) 410-465-0105 (F) 410-465-6844  
60 THOMAS JOHNSON DRIVE & FREDERICK, MARYLAND 21702  
(P) 301-371-3505 (F) 301-371-3506  
WWW.BE1-CIVILENGINEERING.COM

DESIGN: DBT				
DRAFT: DBT				
CHK: BFC				
DATE: 7/2012	BY	NO.	REVISIONS	DATE

600 SCALE MAP NO. 25 BLOCK: 13 200 SCALE MAP NO. .

**THE WALTER DAVIS PROPERTY**  
LOTS 2 thru 5  
OPEN SPACE LOTS 6 AND 7  
TAX MAP: 25 - BLOCK: 13 - PARCEL: 148 - ZONED: R-20- ELECTION DISTRICT: 2  
**CONTRACT NO. 14-4670-D**

SCALE: AS SHOWN  
SHEET NO. 3 OF 3

**AS BUILTS**  
BY: DFI DATE: 7/20/12