



COUNTRY ESTATES EAST
WATER AND SANITARY SEWER IMPROVEMENTS
Monroe Township Water & Sewer District
October 3, 2016
ADDENDUM #2

Offices

Fax: 614-459-6987
Toll Free: 866-277-0600

128 East Main Street
Logan, Ohio 43138
740-385-2140

1495 Old Henderson Rd.
Columbus, Ohio 43220
614-459-6992

507 Main Street
Zanesville, Ohio 43701
740-450-1640

To All Bidders:

This Addendum is issued to modify the original Project Manual and Drawings and is hereby made a part of the Contract Documents. This Addendum shall be attached to the Project Manual(s) in your possession and shall become a part of all bids. A signed copy of this Addendum shall be included with the bid submission. Bidders shall review changes to all portions of the work, as changes to one portion may affect the work of another. **NOTIFY ALL SUBCONTRACTORS OF ADDENDUM ITEMS:**

Item 1: Attached find revised plan sheet 3 for the sanitary sewer improvements which revises some quantity irregularities and corrects the missing vacuum test time chart.

Item 2: Attached find revised plan sheet 9 for the sanitary sewer improvements which corrects the manhole callout for manhole S11.

Item 3: Attached is revised sheet 4 for the waterline improvements which revises some quantity irregularities.

Item 4: Attached is revised sheet 5 for the waterline improvements which revises the water service detail to include 2" water services and clarifies meter sizes.

Item 5: Attached is a revised bid schedule to be used for bidding purposes. The bid schedule incorporates the changes made to the plan quantities.

Item 6: Attached is the sign-in sheet for the Pre Bid meeting held on September 29, 2016.

Item 7: Attached is a revised Bid Guaranty and Bid Bond form to be used for bidding.

Item 8: The Coil Pittsetter as manufactured by the Ford Meter Box is an approved equal to the specified McCullough Thermal Coil Meter Pit.

Item 9: The City of Tipp City will provide the 8" water meters for the two master meter pits.

Item 8: The following are items discussed at the Pre Bid meeting held on September 29, 2016.

1. The deadline for bidder questions will be Tuesday October 4, 2016 @ 5:00 pm. This a Prevailing Wage and Tax Exempt project. Soil Borings report is located in contract manual



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2. *Bid form calls for additional gravel backfill where is this to be used?*
This item has been removed from plans and bid schedule
3. *Notes call for right away permits and tapping permits please explain and identify costs?*

Permit is required for working in Tipp City ROW at existing line connections. Contact Tipp City for permit requirements. The District will not require any additional permits.

4. *Notes call for 2" Bituminous temporary paving, is this actually required or can we just maintain the 304 Stone trench?*
Pavement within Tipp City ROW will require temporary pavement placement. Remaining project area can be 304 as long as it is maintained by the contractor on a regular basis. If it is not maintained, the contractor will be required to place temp bituminous pavement at his own expense.
5. *Are the long sanitary laterals open cut or direct drilled?*
Long sewer services can be either open cut or drilled under the roadway.
6. *Do we need to televise the new main or just air & Mandrel?*
No televising of the new sewer will be required.
7. *Are the trees in right of way being removed or just trimmed?*
If in direct conflict trees will need to be removed. Trees located in easements that are in conflict will need to be removed.
8. *What meter sizes are to be used. Detail calls for 5/8", plans call for 2" services and quantities call for 1" services? If in fact 2" is required what is the meter, meter pit type to be used?*
 $\frac{3}{4}$ " service will require $\frac{3}{4}$ " meters and 2" services will require 2" meters. See attached revised sheet 5 for clarifications as to the meter pit type to be used for 2" services.
9. *What type of chimney seals are to be used?*
All manholes will require an internal chimney seal be installed between the casting and concrete manhole. Chimney seal shall be as manufactured by CRETEX or an approved equal.
10. *Waterline appears to be close to the curb face averaging 14-26" of asphalt once trench is cut and excavated. If this doesn't hold up will the contractor be paid for replacing this asphalt?*
The contractor will only be compensated for road repairs that are within the indicated pay limits indicated on trench detail of the plans. Damage to the asphalt outside the indicated pay limits will be at the contractor's expense, unless extreme ground conditions are encountered that cause additional pavement damage. These areas will be reviewed on a case by case basis. The repairs will need to be



neatly saw cut. Monroe township intends to overlay the street after the water and sewer project is completed.

- 11. Alternates for water and sewers services were discussed as follows:
 - a. Some residents may have service installed by contractor some may not.
 - b. Sewer is designed at an elevation to serve the existing septic tank elevations.
 - c. Services should be installed to within 5’ of the structure to be served.
 - d. Abandonment of the existing septic tank will be the home owner’s responsibility.
 - e. District will establish a deadline for home owners to decide if they are installing the services via their own contractor or the District’s.
 - f. The District will only pay for the installation and testing of the services. Any surface features needing removed and repaired will be paid by the property owner directly to the contractor. This includes but is not limited to driveways, trees, landscaping etc. Connections such as in crawl spaces under decks etc. will also be paid directly to the contractor.
 - g. Services will be required to be tested. The contractor will need to obtain service testing requirements from Tipp City.

12. *What are the private water well depths?*

Specific depths are unknown but it is believed that they are deep wells. It was suggested that this information could be obtain on the ODNR website by viewing the available well logs for the area.

The bidder, by signing below, certifies that the above changes, revisions, and/or clarifications have been included in his or her bid. A signed copy of this addendum must be included with the bid submission.

This Addendum **DOES NOT CHANGE** the bid date.

BIDDER

Authorized Signature for the Bidder

Date

END OF ADDENDUM #1
COUNTRY ESTATES EAST
WATER AND SANITARY SEWER IMPROVEMENTS
Monroe Township Water & Sewer District

Offices

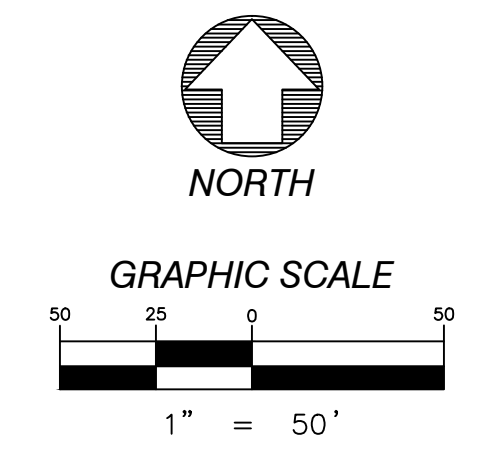
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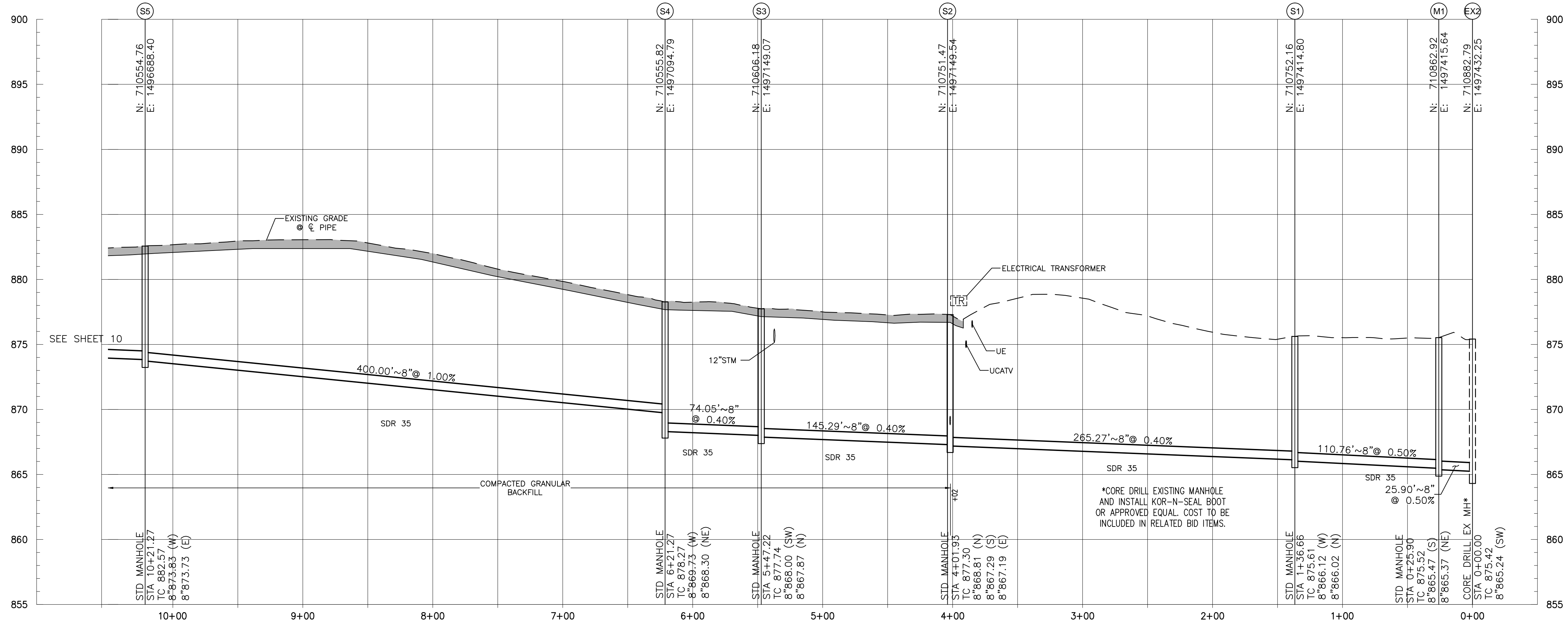
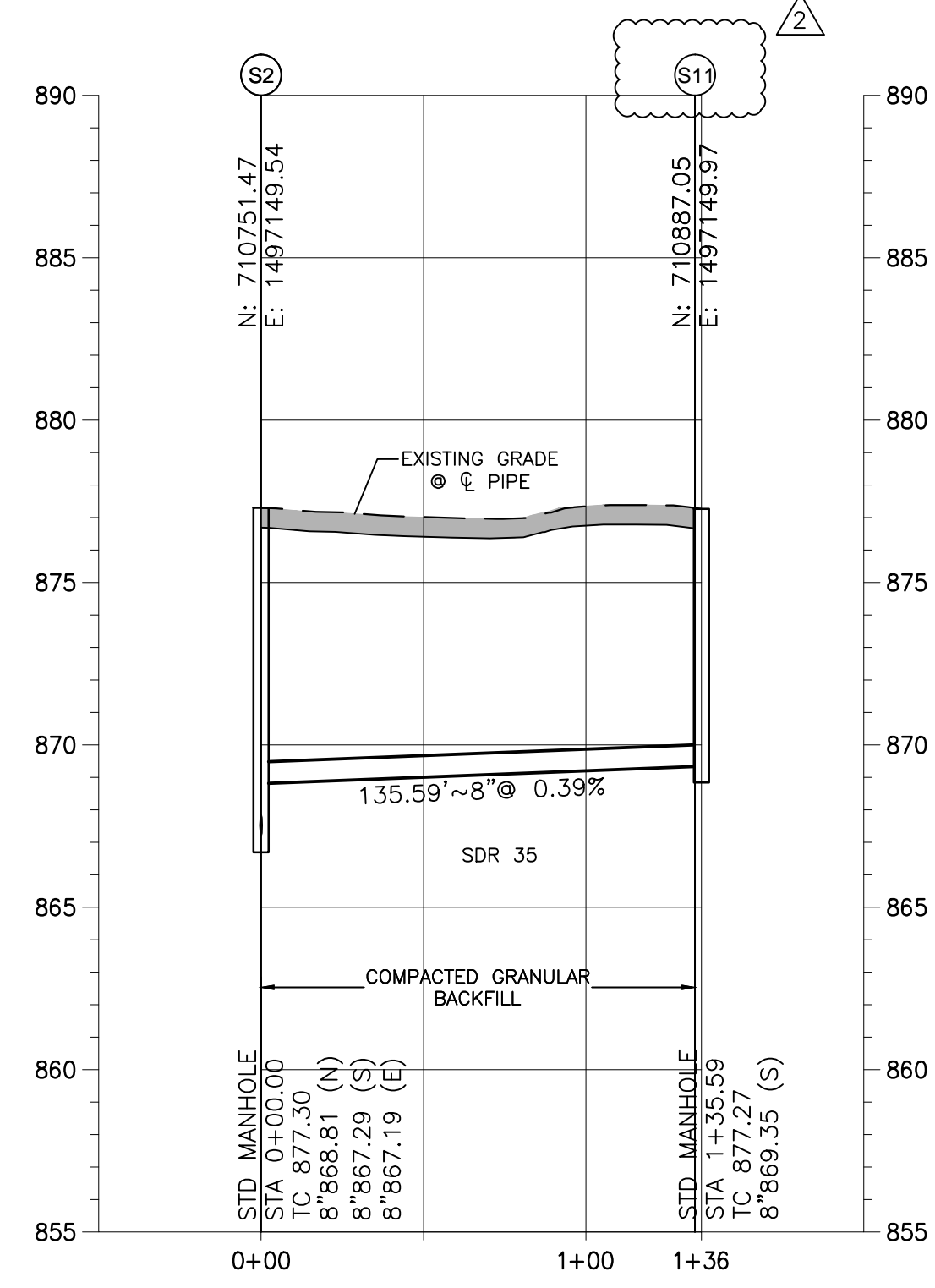
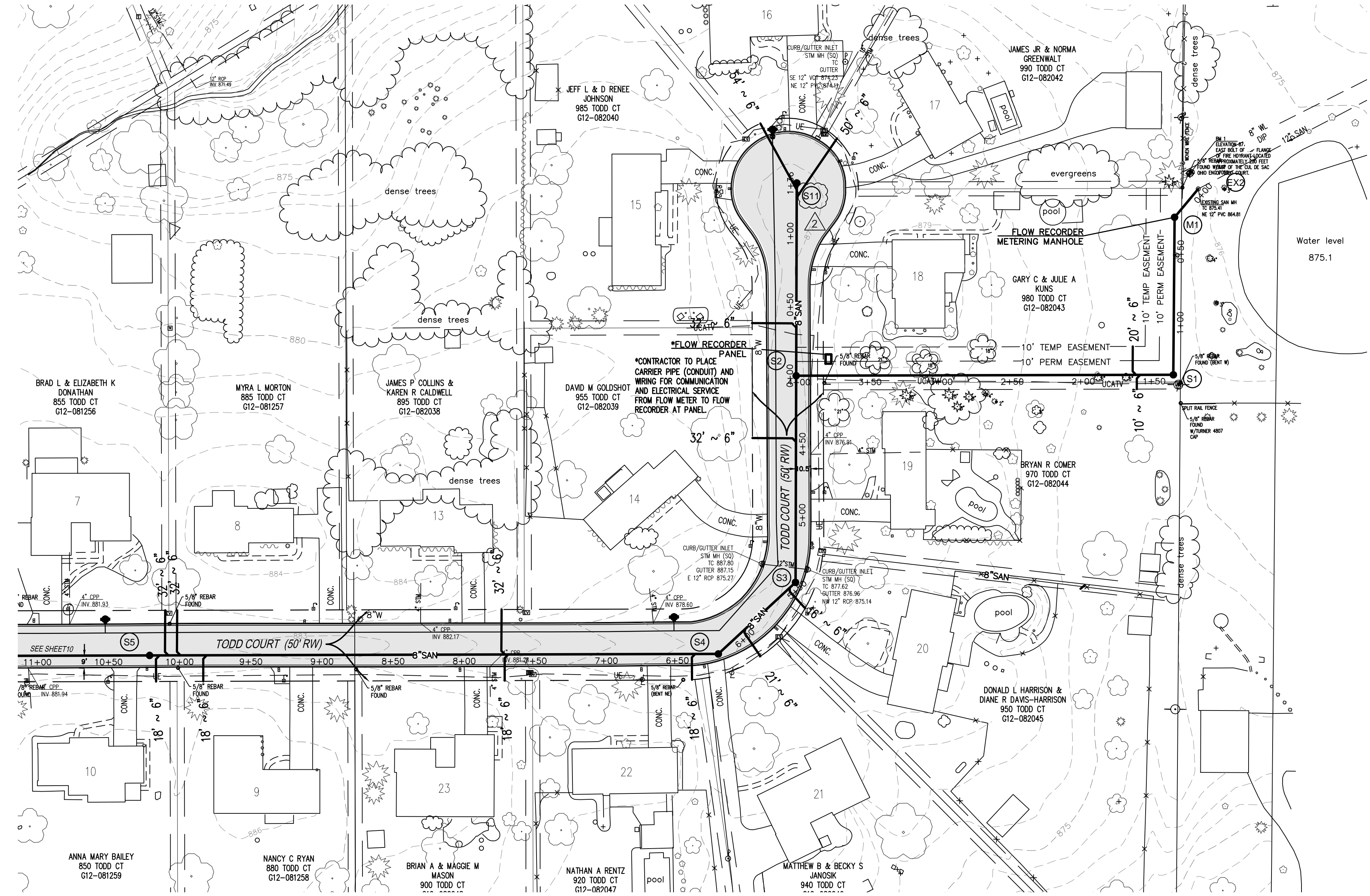
MISC. NOTES:
ALL SANITARY SEWER SERVICES SHALL
BE 8"x6" WYES WITH 6" SERVICE PIPE
AT 2.08% MIN. SLOPE.

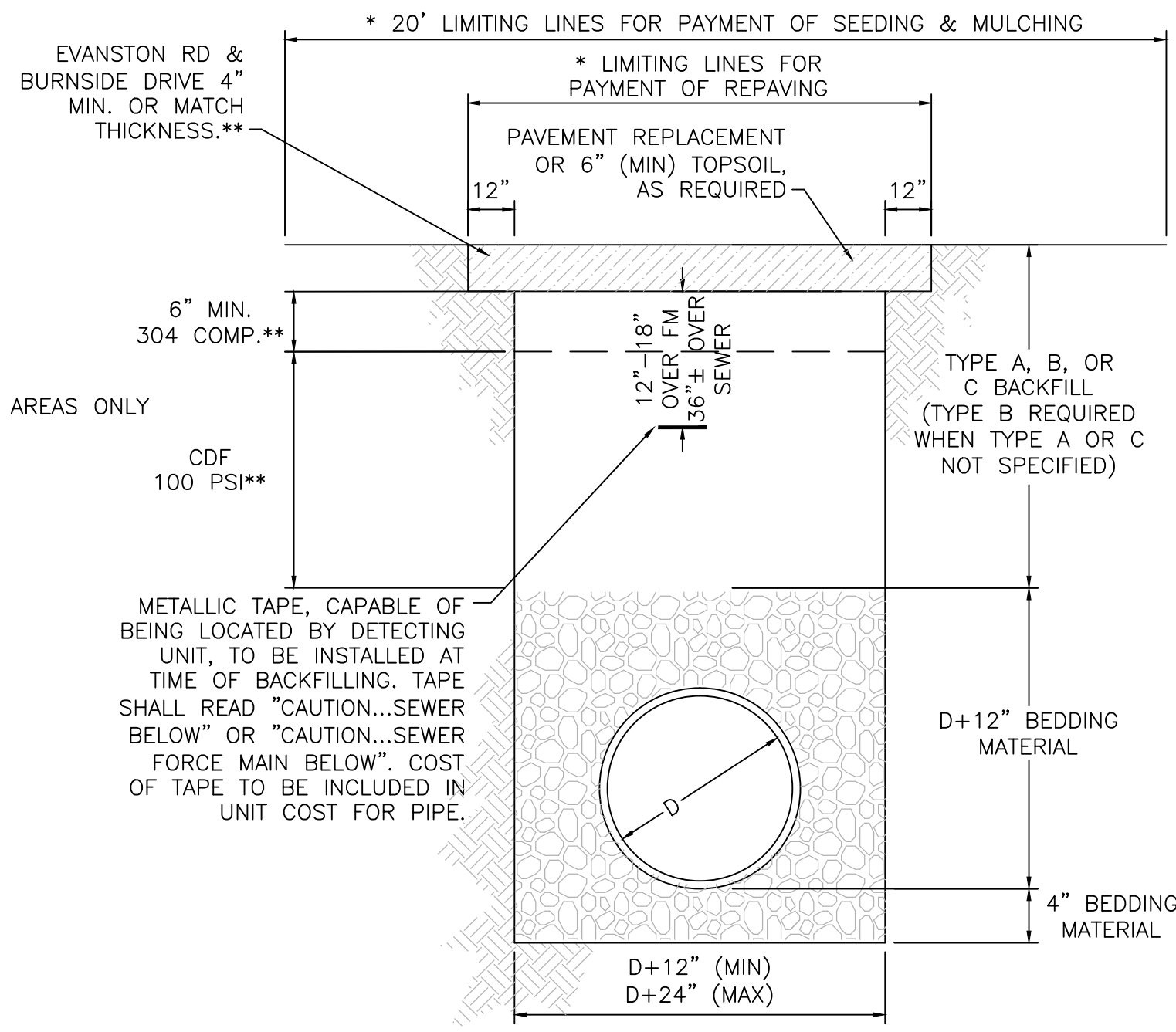


**COUNTRY
ESTATES EAST
SANITARY SEWER
IMPROVEMENTS**

02-09-15	PRELIMINARY
08-07-15	BACKCHECK
02-26-16	BACKCHECK 2
03-30-16	BACKCHECK 3
04-29-16	BACKCHECK 4
05-03-16	FINAL
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09-28-16	ADDENDUM 2

**PLAN & PROFILE
MH EX2 TO MH S4 &
MH S2 TO MH S8**



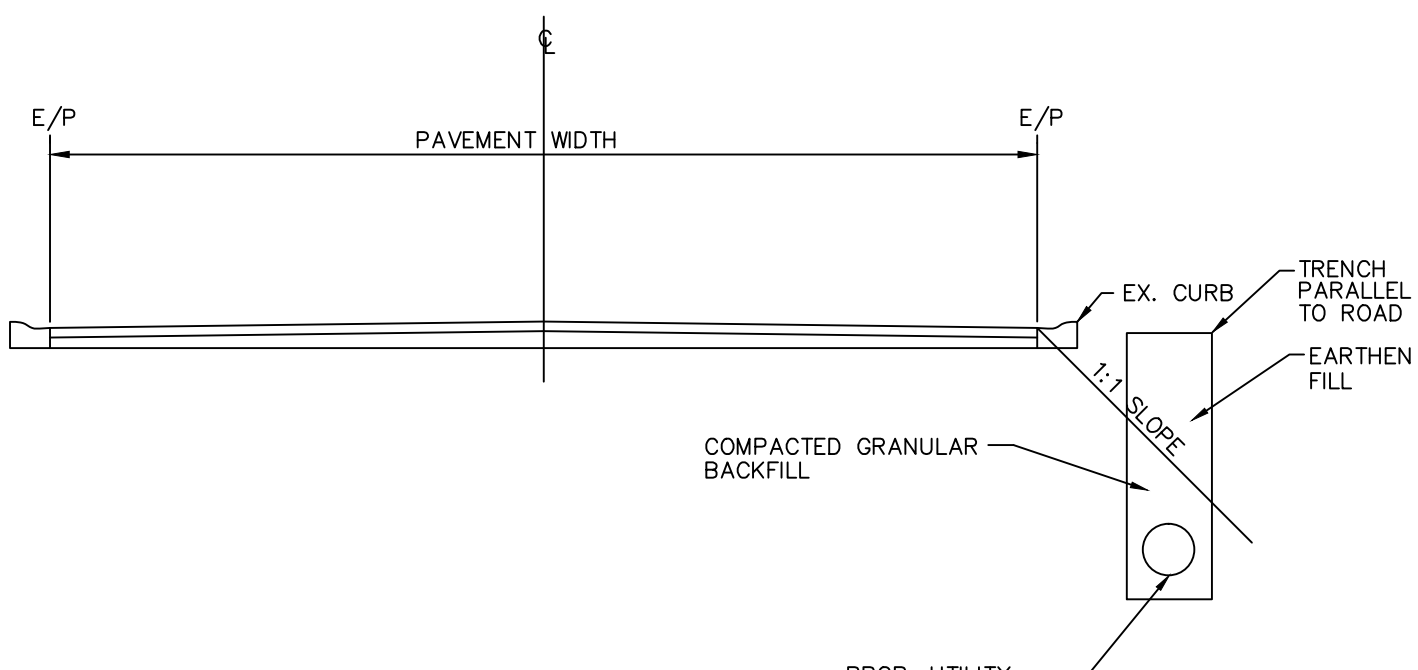


* LIMITING LINES FOR PAYMENT APPLY ONLY WHEN CONTRACT PROVIDES FOR UNIT PRICE PAYMENT OF PAVEMENT REPLACEMENT AND SEEDING & MULCHING.

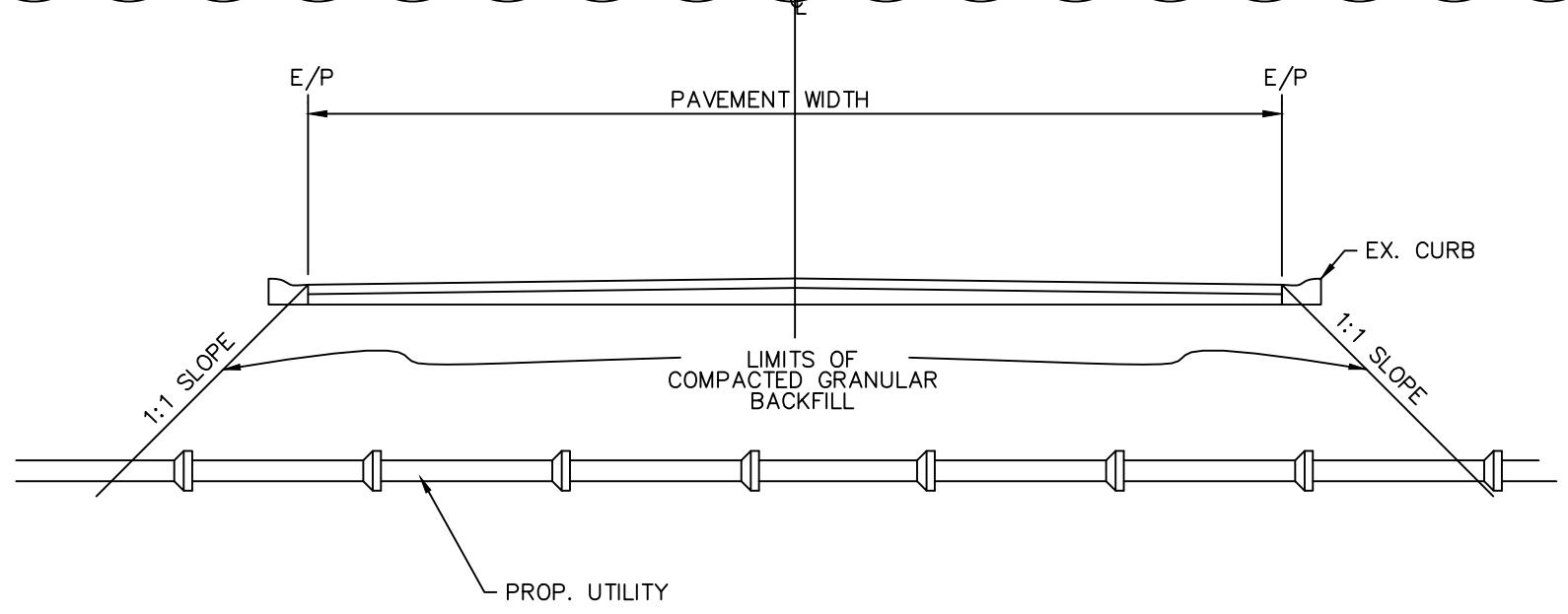
TOWNSHIP AREAS TYPICAL TRENCH FOR PVC SANITARY SEWER & SEWER FORCE MAIN
NOT TO SCALE

- NOTES:
- ITEM NUMBERS REFER TO STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS.
 - AGGREGATE FOR BEDDING FOR SEWERS SHALL BE NO. 57, CRUSHED GRAVEL. BEDDING FOR FORCE MAIN SHALL BE SAND.
 - TYPE A BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL AS SPECIFIED IN ITEM 304, GRADE A. TYPE A BACKFILL SHALL BE USED WHEN THE TRENCH IS 5' OR LESS FROM ANY PAVED OR GRAVEL SURFACE, OR BENEATH THE PAVEMENT OR GRAVEL. COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 203.
 - TYPE B BACKFILL SHALL BE NATURAL SOIL FREE FROM STONES LARGER THAN 2" ACROSS THEIR GREATEST DIMENSION, TOPSOIL, VEGETATION, DEBRIS, RUBBISH, OR FROZEN MATERIAL, COMPACTED TO 95% OF ITS MAXIMUM LABORATORY DRY WEIGHT.
 - TYPE C BACKFILL SHALL BE NATURAL SOIL FREE FROM STONES LARGER THAN 6" ACROSS THEIR GREATEST DIMENSION, TOPSOIL, VEGETATION, DEBRIS, RUBBISH, OR FROZEN MATERIAL, COMPACTED TO 90% OF ITS MAXIMUM LABORATORY DRY WEIGHT. WHEN APPROVED BY THE ENGINEER, STONES NO LARGER THAN ONE CUBIC FOOT MAY BE DEPOSITED AT LEAST 3' ABOVE THE TOP OF THE PIPE.
 - THE EXCAVATED TRENCH WIDTH 12" ABOVE THE CONDUIT MAY BE INCREASED WITHOUT EXTRA COMPENSATION.
 - COVER OVER PIPE SHALL BE AS SPECIFIED ON PLANS. UNLESS OTHERWISE SPECIFIED, ROOF DRAINS SHALL HAVE 30" MIN. COVER AND SANITARY SEWER SERVICES SHALL HAVE 48" MIN. COVER.

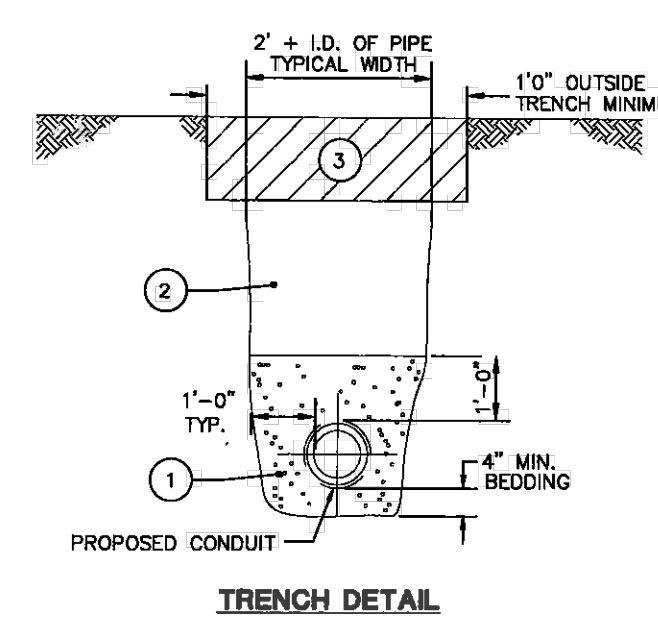
SUMMARY OF ESTIMATED QUANTITIES									
ITEM	DESCRIPTION	SHEET 7	SHEET 8	SHEET 9	SHEET 10	SHEET 11	SHEET 12	TOTAL	UNIT
203	CLEARING & GRUBBING							LUMP	SUM
301	BITUMINOUS AGGREGATE BASE (ROADWAY REPAIR)	107	123	110	104	98	9	551	C.Y.
304	AGGREGATE BASE (ROADWAY REPAIR)	107	123	110	104	98	9	551	C.Y.
304	AGGREGATE BASE (DRIVE REPAIR)						3	3	C.Y.
407	TACK COAT (0.10 GAL/SY)	64	74	66	62	59	6	331	GAL
408	PRIME COAT (0.35 GAL/SY)	224	258	230	217	206	19	1,154	GAL
448	ASPHALT CONCRETE, SURFACE COURSE, TYPE 1 (ROADWAY REPAIR)	36	41	37	35	33	3	185	C.Y.
452	NON-REINFORCED CONCRETE PAVEMENT						53	53	C.Y.
603	8" CONDUIT, TYPE D, 707.01, CONTINGENCY ITEM							100	L.F.
603	12" CONDUIT, TYPE D, 707.01							100	L.F.
603	6" CONDUIT, TYPE D, 707.33							100	L.F.
609	CURB REPLACEMENT	130	140	120	120	80	50	640	L.F.
614	MAINTAINING TRAFFIC							LUMP	SUM
659	SEEDING & MULCHING	60	127			295	450	932	S.Y.
670	EROSION CONTROL							LUMP	SUM
748	3/4" AIR RELEASE								EACH
748	8" GATE VALVE W/ TRAFFIC TYPE BOX	1	2	5	1	2	1	12	EACH
748	6" GATE VALVE W/ TRAFFIC TYPE BOX								EACH
748	4" GATE VALVE W/ TRAFFIC TYPE BOX								EACH
748	2" GATE VALVE W/ TRAFFIC TYPE BOX								EACH
748	8" DI WATER LINE AND APPURTENANCES	1,290	1,425	1,275	1,200	1,260	550	7,000	L.F.
748	6" DI WATER LINE AND APPURTENANCES								L.F.
748	4" DI WATER LINE AND APPURTENANCES								L.F.
748	2" DI WATER LINE AND APPURTENANCES								L.F.
748	CONNECT TO EXISTING WATERLINES	1	1					2	EACH
748	FIRE HYDRANT W/ WATCH VALVE & BOX (TYPE A)	3	2	4	3	2	1	15	EACH
748	FIRE HYDRANT W/ WATER VALVE & BOX (TYPE B)					1	1	2	EACH
748	3/4" SHORT WATER SERVICE W/ METER BOX COMPLETE	8	9	7	8	4	3	39	EACH
748	3/4" LONG WATER SERVICE W/ METER BOX COMPLETE	9	7	4	10	3	3	36	EACH
748	2" SHORT WATER SERVICE W/ METER BOX COMPLETE					4		4	EACH
748	2" LONG WATER SERVICE W/ METER BOX COMPLETE					7		7	EACH
SPEC	MASTER METER PIT COMPLETE	1	1					2	EACH
SPEC	12"x8" TAPPING SLEEVE AND VALVE		1					1	EACH



GRANULAR BACKFILL OF TRENCHES PARALLEL TO ROADS
NOT TO SCALE



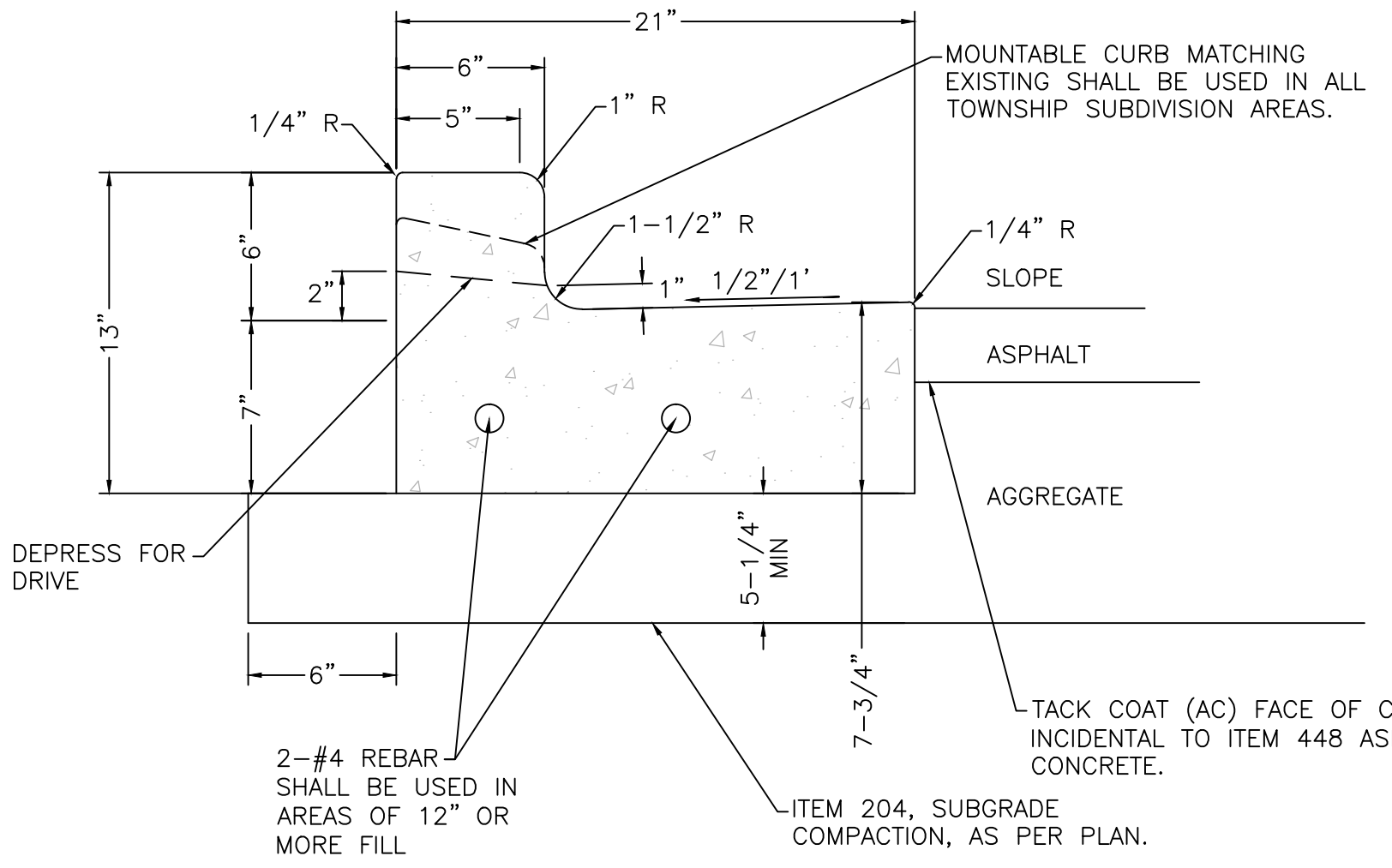
GRANULAR BACKFILL OF TRENCHES CROSSING ROADS
NOT TO SCALE



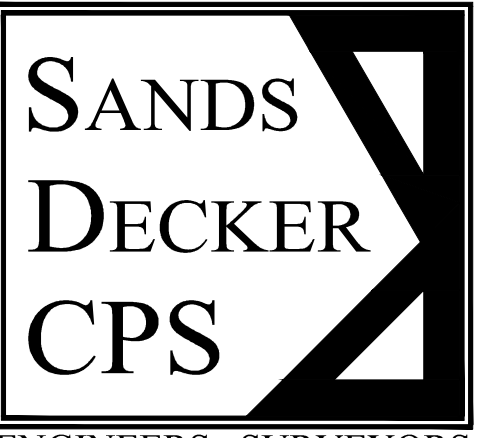
- 1. BEDDING**
GRANULAR BEDDING MATERIAL SHALL BE CRUSHED STONE OR GRAVEL COMPLYING WITH ODOT ITEM 603 TYPE 2 BEDDING (#57 OR #411). BEDDING SHALL EXTEND 4" BELOW THE CONDUIT. BEDDING MATERIAL SHALL EXTEND 12" ABOVE THE TOP AND TO EACH SIDE OF THE CONDUIT. USE SHOVEL SLICING AND SPUD BARS IN CONJUNCTION WITH THE COMPACTION OPERATIONS TO COMPACT THE MATERIAL AND TO MANIPULATE THE MATERIAL UNDER THE HAUNCH OF THE PIPE.
- 2. BACKFILL**
ALL TRENCH EDGES WITHIN THE STREET RIGHT-OF-WAY, SHALL BE BACKFILLED WITH EITHER ODOT ITEM 603 GRANULAR BACKFILL MATERIAL (#504, #411) OR ODOT ITEM 613 LOW STRENGTH MORTAR BACKFILL, AS DIRECTED BY THE CITY.

- GRANULAR MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFTS. FOR GRANULAR EMBANKMENT AND STRUCTURAL BACKFILL, COMPACT EACH LIFT OF MATERIAL USING MECHANICAL DEVICES, HOE RAMS, JAMMING JACKS, HAND DEVICES, VIBRATING PLATES, OR OTHER SIMILAR EQUIPMENT. COMPACTION REQUIREMENTS SHALL BE 85% OF STANDARD PROCTOR CURVE.
 - LOW STRENGTH MORTAR BACKFILL SHALL BE FURNISHED AND PLACED AS PER ODOT ITEM 613.
- ALL TRENCH EDGES NOT WITHIN THE STREET RIGHT-OF-WAY, CAN BE BACKFILLED WITH CLEAN NATIVE MATERIAL, COMPACTED IN 12 INCH LIFTS. MATERIAL SHALL BE COMPACTED TO 85% OF THE ORIGINAL COMPACTION; NO MATERIAL SHALL BE USED FOR BACKFILLING THAT CONTAINS GRANULAR MATERIAL, ROCK OR STONE GREATER THAN 4 INCHES IN DIAMETER.
- 3. PAVEMENT RESTORATION**
IN PAVED AREAS WITHIN THE STREET RIGHT-OF-WAY THE PAVEMENT AND AGGREGATE BASE COMPOSITION SHALL BE PROVIDED EQUAL TO THE EXISTING PAVEMENT BUT IN NO CASE, SHALL THE COMPOSITION BE LESS THAN THE FOLLOWING:
 - 1-1/2" OF ODOT ITEM 448 SURFACE COURSE, TYPE 1
 - 2-1/2" OF ODOT ITEM 448 INTERMEDIATE COURSE, TYPE 2
 - 10" OF ODOT ITEM 304 AGGREGATE BASE
 IN ALLEYS AND DRIVEWAYS OUTSIDE OF THE STREET RIGHT-OF-WAY, THE REPLACEMENT OF PAVEMENT AND/OR AGGREGATE SHALL BE EQUAL TO THE EXISTING ALLEYWAY OR DRIVEWAY COMPOSITION. IF THE PERMANENT ASPHALT CANNOT BE APPLIED WITHIN 48 HOURS OF THE INITIAL REPAIR, ODOT ITEM 405 OR COLD PATCH SHALL BE APPLIED TO THE TRENCH SURFACE. MINIMUM THICKNESS OF THE COLD PATCH MATERIAL SHALL BE 3 INCHES. SAID MATERIAL SHALL BE REMOVED PRIOR TO THE PLACEMENT OF ODOT ITEM 448, UNLESS OTHERWISE APPROVED.

- CONCRETE RESTORATION**
ALL CONCRETE DRIVEWAYS, DRIVE APPROACHES, AND SIDEWALKS WITHIN THE STREET RIGHT-OF-WAY, SHALL BE REPLACED WITH THE FOLLOWING:
SIDEWALKS --- MINIMUM THICKNESS OF 4" INCHES OF CONCRETE
- MATCH ORIGINAL WIDTH OF SIDEWALK
 - MINIMUM WIDTH OF 4" REQUIRED
 - DRIVEWAYS AND DRIVE APPROACHES:
 - RESIDENTIAL: MINIMUM THICKNESS OF 6" OF CONCRETE
 - BUSINESS & INDUSTRIAL: MINIMUM THICKNESS OF 8" OF CONCRETE
- ALL CONCRETE DRIVEWAYS, DRIVE APPROACHES, AND SIDEWALKS OUTSIDE OF THE STREET RIGHT-OF-WAY SHALL BE REPLACED EQUAL TO THE EXISTING MATERIAL COMPOSITION.
- COMPACTION GUIDELINES**
THE CONTRACTOR MAY OPERATE SMALL COMPACTION EQUIPMENT WITH LESS THAN A TOTAL WEIGHT OF 1 TON OVER THE CONDUIT TO COMPACT THE BACKFILL. DO NOT USE HOE RAMS ON TOP OF THE CONDUIT UNTIL 2" OF BACKFILL IS COMPACTED ON TOP OF THE CONDUIT. THE CONTRACTOR MAY OPERATE COMPACTION EQUIPMENT WITH LESS THAN A TOTAL WEIGHT OF 8 TONS, BUT MORE THAN 1 TON, OVER THE CONDUIT AFTER PLACING AND COMPACTING 2" OF BACKFILL. DO NOT OPERATE EQUIPMENT WITH A TOTAL WEIGHT OF 8 TONS OR MORE UNTIL PLACING AND COMPACTING A COVER OF 4" OVER THE TOP OF THE CONDUIT. THE ABOVE RESTRICTIONS APPLY WHEN WORKING WITHIN ONE SPAN ON EACH SIDE OF THE CONDUIT, OR 6", WHICHEVER IS LESS.
- ALL TRENCHES AND EXCAVATIONS SHALL BE BACKFILLED IMMEDIATELY AFTER THE PLACEMENT OF THE CONDUIT, UNLESS DIRECTED OTHERWISE BY THE CITY ENGINEER. UNDER NO CIRCUMSTANCES SHALL WATER BE PERMITTED TO RISE IN UNBACKFILLED TRENCHES AFTER THE CONDUIT HAS BEEN PLACED.



TIPP CITY (ONLY) TYPE 1 COMBINATION CURB & GUTTER
NOT TO SCALE



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COUNTRY ESTATES EAST WATER IMPROVEMENTS

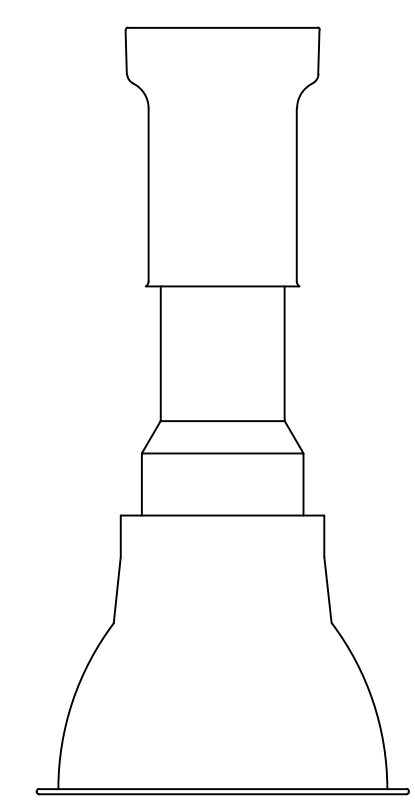
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- 02-26-16 BACKCHECK 2
- 03-30-16 BACKCHECK 2
- 04-29-16 BACKCHECK 3
- 05-03-16 FINAL
- 09-16-16 BID SET
- 09-28-16 APPENDUM 2

MISC. DETAILS
4

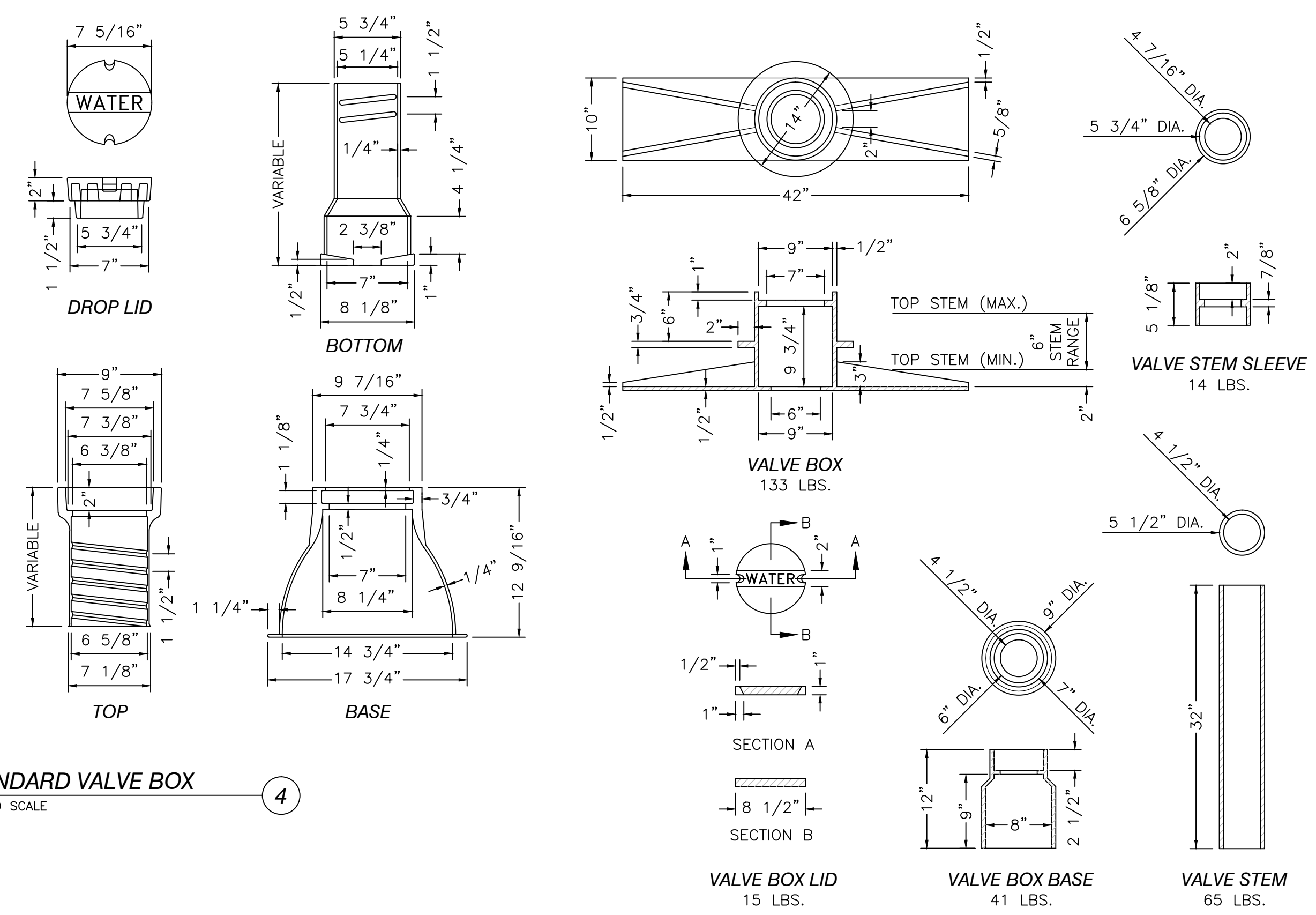
	VALVE SIZE	L	REQUIRED CONCRETE VOLUME (CUBIC FEET)
GATE VALVES	3"	15"	0.31
	4"	16"	0.33
	6"	17"	0.36
	8"	20"	0.42
	12"	24"	0.50
BUTTERFLY VALVES	16"	30"	0.63
	20"	36"	0.75
	30"	48"	1.00



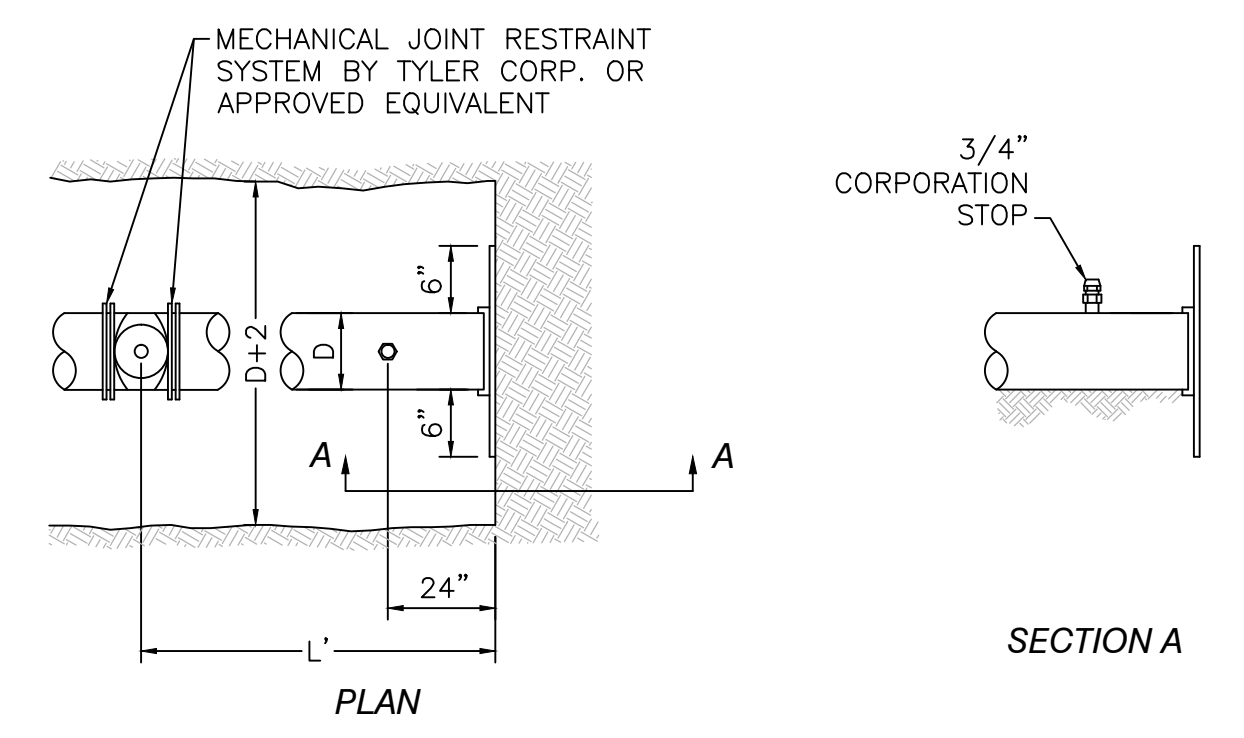
CONCRETE VALVE SUPPORT
NOT TO SCALE



BOX COMPLETE

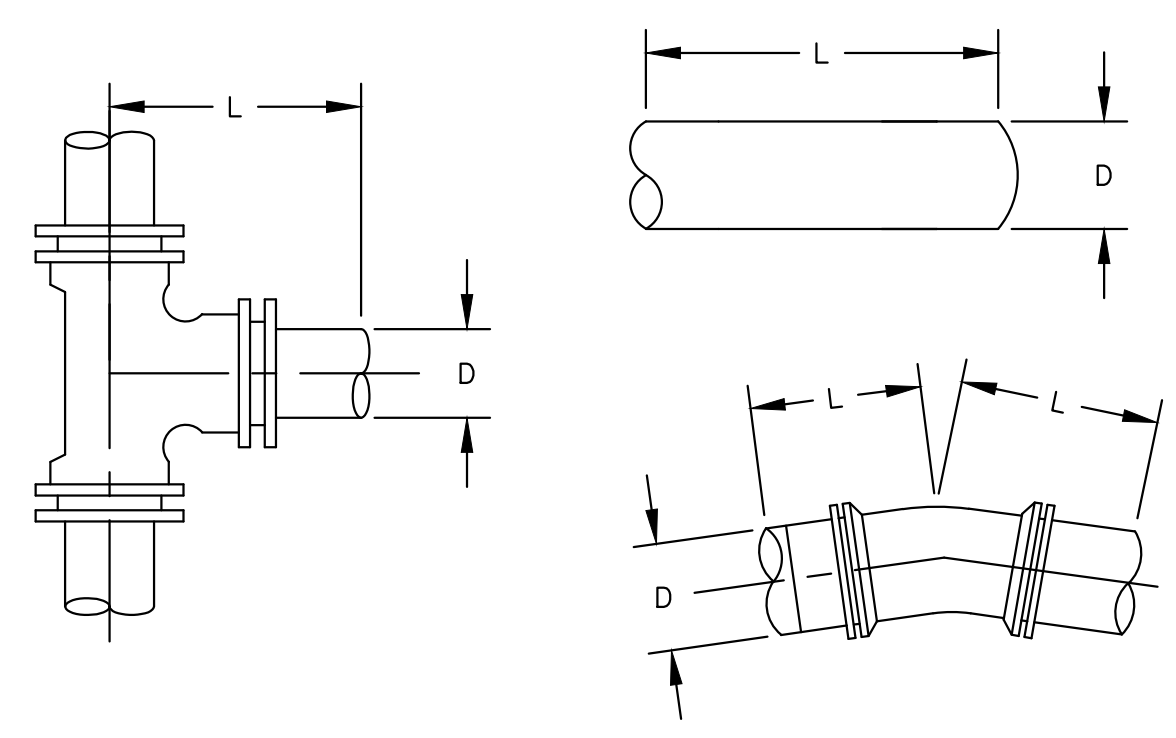


STANDARD VALVE BOX
NOT TO SCALE



END OF PIPE PLUG
NOT TO SCALE

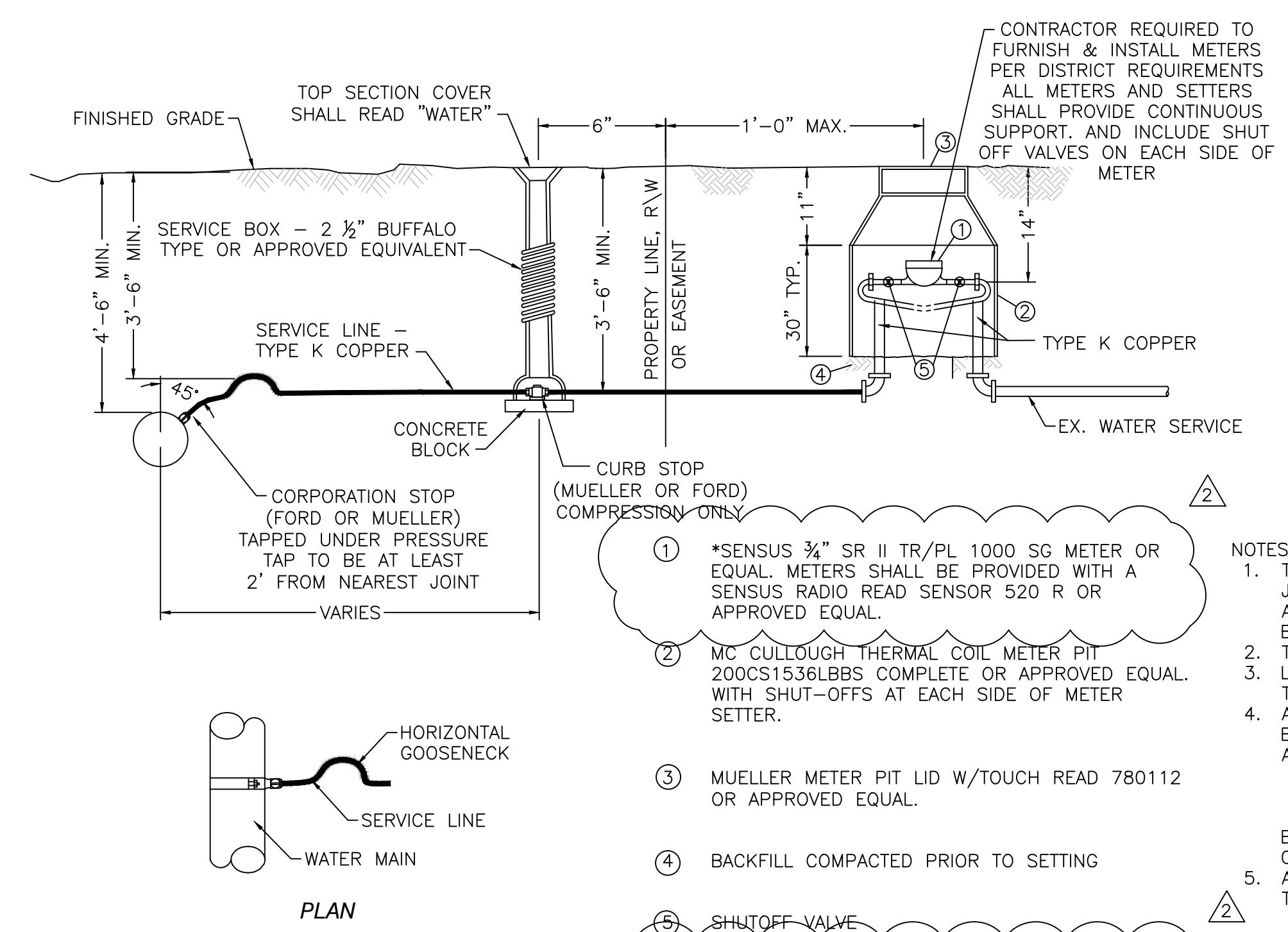
- NOTES:
1. END OF PIPE SHALL BE CAPPED OR PLUGGED.
 2. PLUG POLES SHALL BE INSTALLED AT ALL END-OF-LINE STUBS AT THE THRUST BLOCK.



		D - DIAMETER OF PIPE							
		4"	6"	8"	10"	12"	16"	20"	24"
A DEGREE OF DEFLECTION	11 1/4"	*	*	*	*	*	5	5	6
	22 1/2"	*	2	3	5	6	8	10	12
	45°	4	8	12	14	20	30	36	45
	90°	12	26	38	48	66	98	125	145
	TEE	12	26	38	48	66	98	125	145
	END	12	26	38	48	66	98	125	145

* REQUIRED RESTRAINED JOINT AT FITTING ONLY USE MEGALUG MECHANICAL JOINT RESTRAINT OR EQUAL FIRE HYDRANT BRANCHES MUST BE ANCHOR PIPE

REQUIRED LENGTH OF RESTRAINED JOINTS FOR WATER MAINS
NOT TO SCALE



PLAN

- NOTES:
1. *SENSUS 3/4" SR II TR/PL 1000 SG METER OR EQUAL. METERS SHALL BE PROVIDED WITH A SENSUS RADIO READ SENSOR 520 R OR APPROVED EQUAL.
 2. MC CULLOUGH THERMAL COIL METER PIT 200CS1536LBBS COMPLETE OR APPROVED EQUAL WITH SHUT-OFFS AT EACH SIDE OF METER SETTER.
 3. MUELLER METER PIT LID W/TOUCH READ 780112 OR APPROVED EQUAL.
 4. BACKFILL COMPACTED PRIOR TO SETTING
 5. SHUTOFF VALVE
- *2" SERVICES SHALL HAVE 2" METER PITS. 2" METER PITS SHALL BE MC CULLOUGH EZ-Vault METER SETTERS OR APPROVED EQUAL. 2" METERS SHALL BE SENSUS SR WITH A SENSUS RADIO READ SENSOR 520R OR APPROVED EQUAL.

3/4", 1", & 2" STANDARD WATER SERVICE W/ METER BOX
NOT TO SCALE

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03-30-16	BACKCHECK 3
04-29-16	BACKCHECK 4
05-03-16	FINAL
09-16-16	BID SET
09-28-16	ADDENDUM 2

BID SCHEDULE: The undersigned, having full knowledge of the site, plans, specifications, this proposal and other contract documents; and the conditions stipulated therein agrees to furnish all labor, materials, and equipment necessary to complete the project titled "COUNTRY ESTATES EAST WATER AND SEWER IMPROVEMENTS" as described and to accept the unit prices specified below, prices good for 90 days.

TYPE OF FUNDING: LOCAL FUNDS

ADDENDUM 2

PROJECT NO. 2772

Item	Description of Work	Est.	Unit	Unit Prices			Total Item Price	
No.		Qty.		Labor	Material	Total	In Figures	In Words
<u>WATERLINE IMPROVEMENTS</u>								
203	CLEARING & GRUBBING	LUMP	SUM					
301	BTUMINOUS AGREGATE BASE	551	C.Y.					
304	AGGREGATE BASE (ROADWAY REPAIR)	551	C.Y.					
304	AGGREGATE BASE (DRIVE REPAIR)	3	C.Y.					
407	TACK COAT (0.10 GAL/SY)	331	GAL.					
408	PRIME COAT (0.35 GAL/SY)	1154	GAL.					
448	ASPHALT CONCRETE, SURFACE COURSE, TYPE 1 (ROADWAY REPAIR)	185	C.Y.					
452	NON-REINFORCED CONCRETE PAVEMENT	53	S.Y.					
603	8" CONDUIT, TYPE D, 707.01, CONTINGENCY ITEM	100	L.F.					
603	12" CONDUIT, TYPE D, 707.01	100	L.F.					
603	6" CONDUIT, TYPE B, 707.33	100	L.F.					

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TYPE OF FUNDING: LOCAL FUNDS

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PROJECT NO. 2772

Item No.	Description of Work	Est. Qty.	Unit	Unit Prices			Total Item Price	
				Labor	Material	Total	In Figures	In Words
609	CURB REPLACEMENT	640	L.F.					
614	MAINTAINING TRAFFIC	LUMP	SUM					
659	SEEDING & MULCHING	932	S.Y.					
670	EROSION CONTROL	LUMP	SUM					
748	8" GATE VALVE /W TRAFFIC TYPE BOX	12	Each					
748	8" DI WATER LINE AND APPURTENANCES	7,000	L.F.					
748	CONNECT TO EXSITING WATERLINES	2	Each					
748	FIRE HYDRANT W/ WATCH VALVE & BOX (TYPE A)	15	Each					
748	FIRE HYDRANT W/ WATCH VALVE & BOX (TYPE B)	2	Each					
748	3/4" SHORT WATER SERVICE W/ METER BOX COMPLETE	39	Each					
748	3/4" LONG WATER SERVICE W/ METER BOX COMPLETE	36	Each					

BID SCHEDULE: The undersigned, having full knowledge of the site, plans, specifications, this proposal and other contract documents; and the conditions stipulated therein agrees to furnish all labor, materials, and equipment necessary to complete the project titled "COUNTRY ESTATES EAST WATER AND SEWER IMPROVEMENTS" as described and to accept the unit prices specified below, prices good for 90 days.

TYPE OF FUNDING: LOCAL FUNDS

ADDENDUM 2

PROJECT NO. 2772

Item	Description of Work	Est.	Unit	Unit Prices			Total Item Price	
No.		Qty.		Labor	Material	Total	In Figures	In Words
748	2" SHORT WATER SERVICE W/ METER BOX COMPLETE	4	Each					
748	2" LONG WATER SERVICE W/ METER BOX COMPLETE	7	Each					
SPEC	MASTER METER PIT COMPLETE	2	Each					
SPEC	12"X8" TAPPING SLEEVE AND VALVE	1	Each					
SPEC	Project Sign	2	Each					
SUB-TOTAL WATERLINE IMPROVEMENTS								
SPEC.	ALTERNATE 1 - WATER SERVICES INSTALLTION RIGHT OF WAY TO STRUCURE INCLUDING FINAL CONNECTIONS TO STRUTURE (INCLUDES ALL ASSOCIATED WORK EXCAVATION, PIPE INSTALLATION, BEDDING, SPECIAL BACKFILL, TESTING, GRADING, SEEDING AND MULCHING ECT.)	14,768	L.F.					

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TYPE OF FUNDING: LOCAL FUNDS

ADDENDUM 2

PROJECT NO. 2772

Item	Description of Work	Est.	Unit	Unit Prices			Total Item Price	
No.		Qty.		Labor	Material	Total	In Figures	In Words
<u>SANITARY SEWER IMPROVEMENTS</u>								
203	CLEARING & GRUBBING	LUMP	SUM					
301	BTUMINOUS AGREGATE BASE	496	C.Y.					
304	AGGREGATE BASE (ROADWAY REPAIR)	496	C.Y.					
304	AGGREGATE BASE (DRIVE REPAIR)	3	C.Y.					
407	TACK COAT (0.10 GAL/SY)	298	GAL.					
408	PRIME COAT (0.35 GAL/SY)	1,039	GAL.					
448	ASPHALT CONCRETE, SURFACE COURSE, TYPE 1 (ROADWAY REPAIR)	167	C.Y.					
452	NON-REINFORCED CONCRETE PAVEMENT	52	S.Y.					
609	CONCRETE CURB REPLACED	700	L.F.					
611	8" CONDUIT, TYPE D, 707.01, CONTINGENCY ITEM	100	L.F.					

BID SCHEDULE: The undersigned, having full knowledge of the site, plans, specifications, this proposal and other contract documents; and the conditions stipulated therein agrees to furnish all labor, materials, and equipment necessary to complete the project titled "COUNTRY ESTATES EAST WATER AND SEWER IMPROVEMENTS" as described and to accept the unit prices specified below, prices good for 90 days.

TYPE OF FUNDING: LOCAL FUNDS

ADDENDUM 2

PROJECT NO. 2772

Item No.	Description of Work	Est. Qty.	Unit	Unit Prices			Total Item Price	
				Labor	Material	Total	In Figures	In Words
611	12" CONDUIT, TYPE D, 707.01	100	L.F.					
611	6" CONDUIT, TYPE B, 707.33	100	L.F.					
611	STANDARD MANHOLE	23	EACH					
611	DROP MANHOLE	1	EACH					
614	MAINTAINING TRAFFIC	LUMP	SUM					
659	SEEDING & MULCHING	4,970	S.Y.					
670	EROSION CONTROL	LUMP	SUM					
611	8" SANITARY SEWER	5,985	L.F.					
611	6" SANITARY SEWER HOUSE SERVICE	1,661	L.F.					
611	8" x 6" WYE	64	EACH					
SPEC.	ABANDON PUMP STATION, COMPLETE	LUMP	SUM					

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TYPE OF FUNDING: LOCAL FUNDS

ADDENDUM 2

PROJECT NO. 2772

Item No.	Description of Work	Est. Qty.	Unit	Unit Prices			Total Item Price	
				Labor	Material	Total	In Figures	In Words

**TOTAL BID SANITARY SEWER IMPROVEMENTS
(NOT INCLUDING ALTERNATES)**

**TOTAL BID WATERLINE IMPROVEMENTS
(NOT INCLUDING ALTERNATES)**

**WATERLINE AND SANITARY SEWER IMPROVEMENTS
TOTAL BASE BID (NOT INCLUDING ALTERNATES)**

ALTERNATE 1 - WATER SERVICES

ALTERNATE 2 - SEWER SERVICES

SIGNATURE OF PERSON
PREPARING BID

TITLE

NAME OF COMPANY

Country Estates East
 Water and Sanitary Sewer Improvements
 Pre-Bid Meeting
 Meeting Date: September 29, 2016 @ 10:00

Attendance List

Name (please print)	Affiliation	Tel. No. & Email
1. Scott Smith	Milcon Conc	andrew@milcon-inc.com 937 339-6274
2. Don Buell	Smith & Brown Const.	513 738-0077 dbuell@sbcon.net
3. Dave Kinnish	Kinnish Excavating Inc	937-773-2320 kinnishex@yahoo.com
4. Terry Hendershot	Kelchner Excavating	Terry.Hendershot@Woodgroup.com
5. Phil Amcs	McWane Ductile	Phil.amcs@mcwaneductile.com
6. WES STEW	UUI	wstein@undergroundutilitiesinc.com 419-465-2587
7. Chris Schlaegel	J+J Schlaegel	937-652-2045 JJSCHLAEGEL@CCTV.NA
8. Adam Sturm	Sturm Construction Inc	STURMCOM@HOTMAIL.COM 937-492-1001
9. MIKE WILEY	HOWELL CONTRACTORS	859-331-5457 x104 MWILEY@HOWELLCONTRACTORS.COM
10. RANDY BLAIR	DOUBLE DAY CONST	937-832-3123 RBLAIR@DOUBLEDAYINC.COM
Kevin Brackney	Brackney Inc.	765-647-6551 kbrackney@brackneyinc.com
Josh Lunge	Toms Construction Inc.	(419) 678-2457 tomsconst.inc@bright.net

Country Estates East
Water and Sanitary Sewer Improvements
Pre-Bid Meeting
Meeting Date: September 29, 2016 @ 10:00

Attendance List

Name (please print)	Affiliation	Tel. No. & Email
1. <u>SEAN WADE</u>	<u>EAGLE BRIDGE</u>	<u>937-492-5654</u> <u>eaglebridge@eaglebridge.net</u>
2. <u>JOE RATERMAN</u>	<u>BRUMBAUGH CONSTRUCTION</u>	<u>937 492 5107</u> <u>joe brumbaugh construction. com</u>
3. <u>Dustin Myers</u>	<u>VTF Excavation</u>	<u>dustin@vtfexcavation.com</u> <u>937-423-5767</u> <u>414-586-3077</u>
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____
10. _____	_____	_____

BID GUARANTY AND
CONTRACT BOND

(Section 153.571 Ohio Revised Code)

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned _____
_____ (contractor), _____ (address),
as Principal and _____ (surety), as Surety, are hereby
held and firmly bound unto the _____ (owner) as
Obligee, in the penal sum of the dollar amount of the bid submitted by the Principal to
the Obligee on _____ to undertake the project known as:

“Country Estates East Water and Sanitary Sewer Improvements”

The penal sum referred to herein shall be the dollar amount of the Principal’s bid to the Obligee, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee. In no case shall the penal sum exceed the amount of _____ (\$_____). (If the above line is left blank, the penal sum will be the full amount of the Principal’s bid, including alternates. Alternatively, if completed, the amount stated must not be less than the full amount of the bid, including alternates, in dollars and cents. A percentage is not acceptable.) For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named Principal has submitted a bid on the above referred project;

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal and the Principal within ten days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID Principal shall well and faithfully perform each and every condition of such contract; and indemnify the Obligee against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefore; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim; as well as for the Obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID Surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans and specifications therefore shall in any way affect the obligations of said Surety on its bond, and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED this ____ day of _____, 2016.

PRINCIPAL: _____

BY: _____

TITLE: _____

SURETY _____

SURETY COMPANY ADDRESS:

BY: _____

SURETY AGENT'S NAME AND ADDRESS:

NOTE: Failure by any party to sign the Bid Guaranty and Contract Bond, and Payment Bond shall result in rejection of bid.