

SELECT BACKFILL SHALL CONTAIN NO MORE THAN 2" DIAMETER ROCK FROM SPOILS.



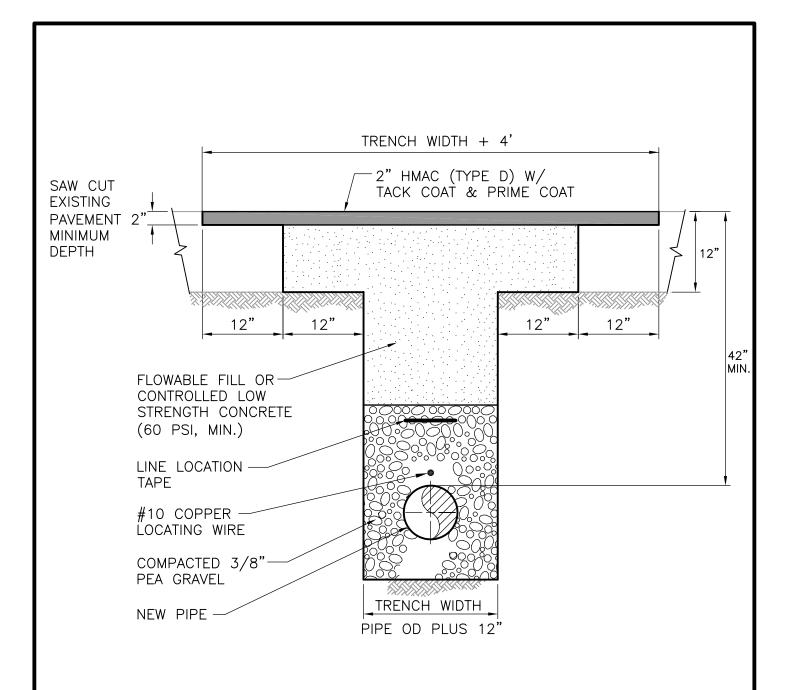
LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS

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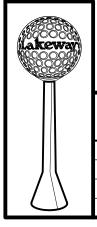
Date Issued: May 29, 2007

Rev.# Date By Remarks

PIPE TRENCH DETAILS UNPAVED AREAS



- 1. IF SAW CUT LINE FALLS WITHIN 2' OF CURB OR STRUCTURE, REMOVE AND REPLACE PAVEMENT TO THE CURB OR STRUCTURE.
- 2. DETAIL SHALL ALSO BE USED FOR ELECTRICAL DUCTBANK.



LAKEWAY MUNICIPAL UTILITY DISTRICT

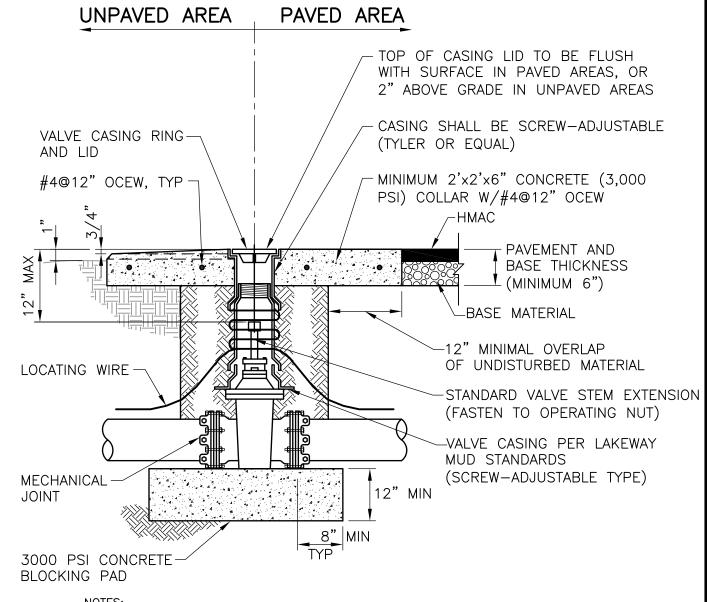
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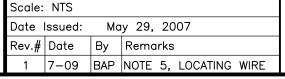
PAVEMENT REPLACEMENT
FOR ASPHALT PAVEMENT

STANDARD DETAIL



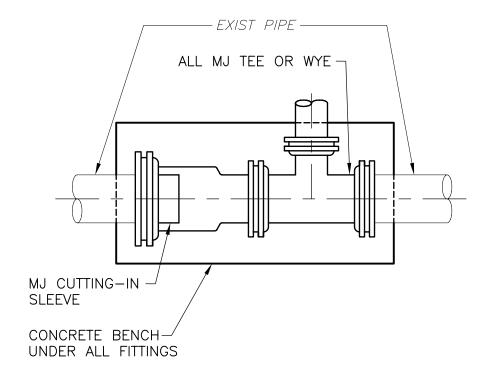
- 1. VALVES IN POTABLE AND REUSE SERVICE SHALL BE RESILIENT WEDGE GATE VALVES BY AMERICAN AVK COMPANY.
- 2. VALVES IN RAW WASTEWATER SERVICE SHALL BE ECCENTRIC RESILIENT PLUG TYPE WITH CAST IRON BODY, ACRYLONITRILE-BUTADIENE (NBR) PLUG, WELDED-IN NICKEL SEAT. PROVIDE WORM GEAR ACTUATOR WITH 2" SQUARE NUT. ACTUATOR SHALL HAVE RADIAL SHAFT AND ROLLER THRUST BEARINGS. PLUG VALVES SHALL BE BY VALMATIL OR APPROVED EQUAL.
- 3. VALVES IN WASTEWATER FORCE MAINS 3" DIAMETER AND BELOW SHALL BE 304 STAINLESS STEEL BALL TYPE WITH 2" OPERATING NUT.
- 4. VALVE CASING, RING, LID, ETC., SHALL BE DESIGNED FOR HS-20 LOADING WHERE INSTALLED IN PAVED AREAS.
- 5. STRIP 6' OF #10 COPPER WIRE (EACH DIRECTION) AND WRAP AROUND EACH VALVE BOX.

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BURIED VALVE, **VALVE BOX & COVER**

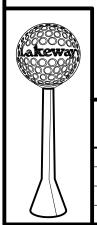




PLAN VIEW

NOTES:

- 1. OUT OF EXIST PIPELINE, CUT ONLY THE LENGTH OF PIPE NECESSARY TO EQUAL OVERALL LENGTH OF FITTING TO BE INSERTED PLUS 10"+/- FOR INSERTING CUTTING-IN SLEEVE.
- 2. WRAP ALL IN 8 MIL PLASTIC.



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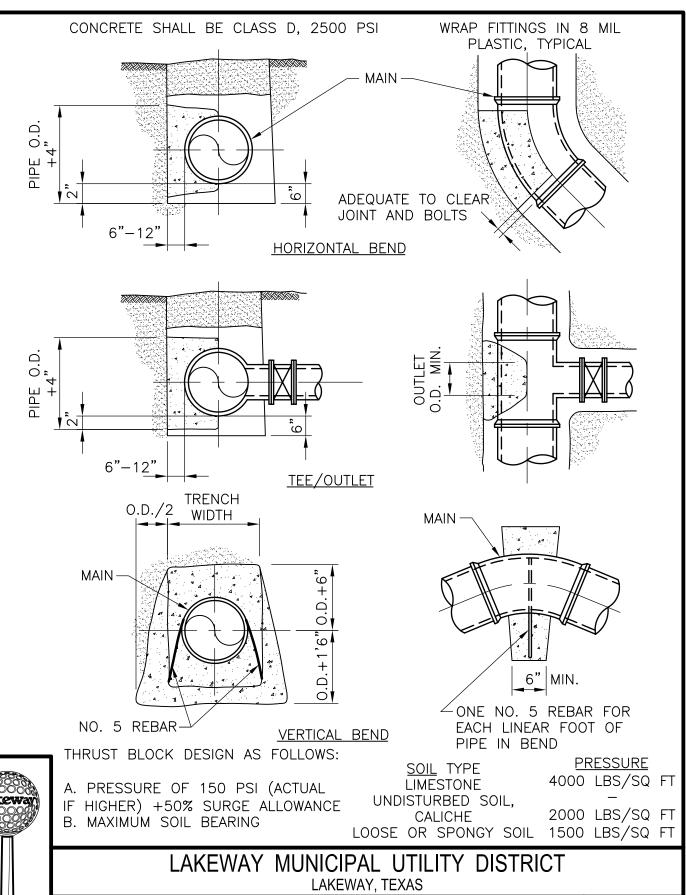
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CUTTING-IN SLEEVE

STANDARD DETAIL

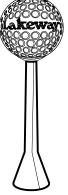


STANDARD

DETAIL

G-5

THRUST BLOCKING



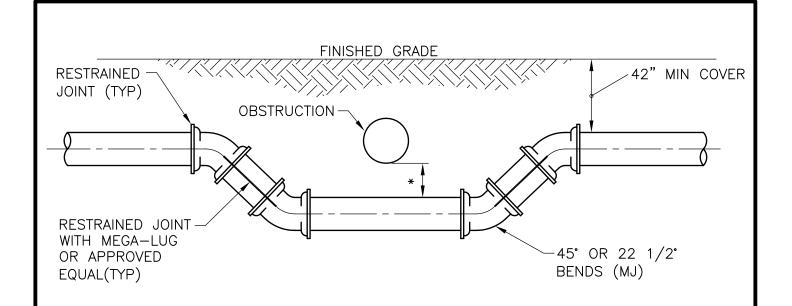
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Date Issued:

Rev.#|Date

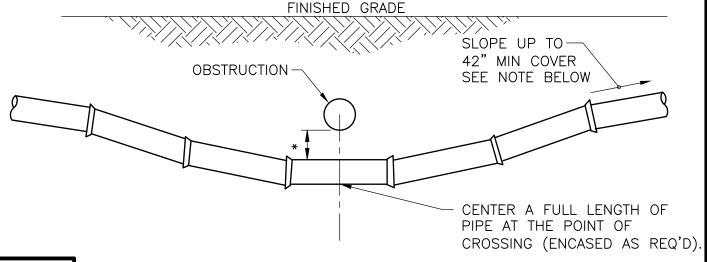
May 29, 2007

Remarks



SPECIAL UTILITY CROSSING - FITTING TYPE

*24" MINIMUM CLEARANCE REQUIRED FOR WATER AND WASTEWATER MAIN CROSSINGS. 12" MINIMUM CLEARANCE REQUIRED FOR OTHER TYPE UTILITIES CROSSING. RETAIN SEPARATION DISTANCE, REFER TO TAC 290.44. THE DEFLECTION TYPE CROSSING SHALL BE USED WHERE POSSIBLE. ONLY UNDER SPECIFIC ORDERS BY THE ENGINEER WILL THE FITTING TYPE CROSSING BE ALLOWED. CONSTRUCT STANDARD CROSSING USING 75% OF MANUFACTURERS RECOMMENDED MAXIMUM JOINT DEFLECTION. AIR RELEASE VALVES MAY BE REQUIRED.





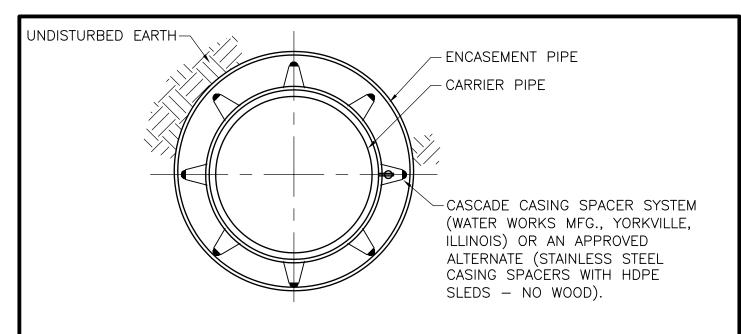
<u>STANDARD UTILITY CROSSING — DEFLECTION TYPE</u>

NOTE: AIR RELEASE VALVES MAY BE REQUIRED

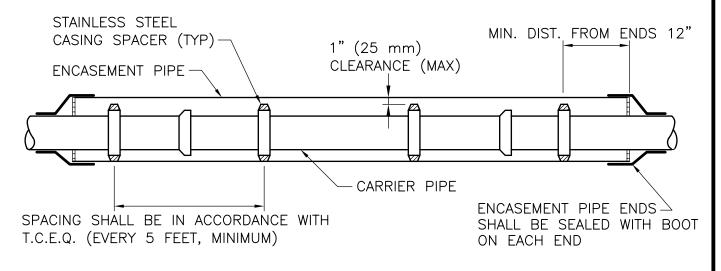
LAKEWAY MUNICIPAL UTILITY DISTRICT

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Rev.#	Date	Ву	Remarks		
1	7-09	BAP	ARV NOTE		

UTILITY CROSSING



TYPICAL SECTION WITH CASING SPACERS



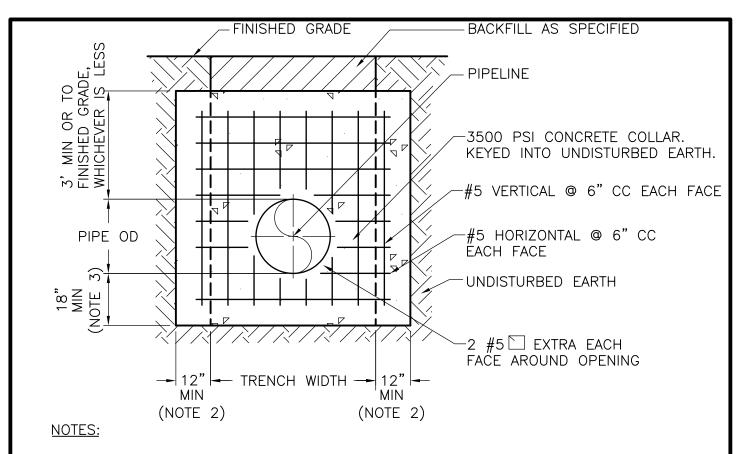
CENTERLINE PROFILE



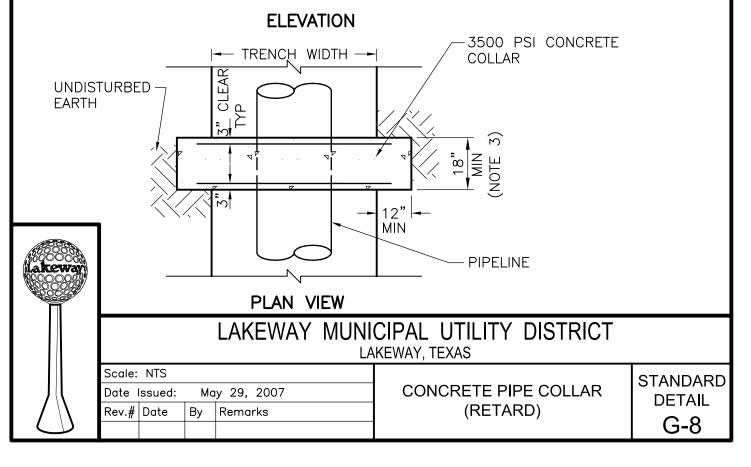
LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS

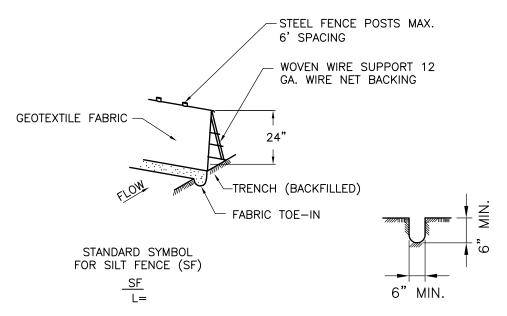
Scale: NTS Date Issued: May 29, 2007 Rev.# Date Remarks

ENCASEMENT DETAIL WITH CASING SPACERS STANDARD DETAIL



- 1. LOCATE CONCRETE PIPE COLLARS WHERE INDICATED ON PLANS AND OR PROFILES.
- 2. DIMENSION SHALL BE ONE-THIRD OF PIPELINE DIAMETER, BUT 12" MINIMUM.
- 3. DIMENSION SHALL BE ONE-THIRD OF PIPELINE DIAMETER, BUT 18" MINIMUM.
- 4. PLACE RETARDS SUCH THAT THE TOP 12" OF RETARD AT LOWER ELEVATION OVERLAPS BOTTOM 12" OF THE NEXT RETARD AT UPPER ELEVATION.





TRENCH CROSS SECTION

NOTES:

- 1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 18".
- 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TRENCHED INTO THE SURFACE (E.G. PAVEMENT), THE FABRIC FLAP SHALL BE WEIGHTED DOWN WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
- 3. THE TRENCH MUST BE A MINIMUM OF 6" DEEP AND 6" WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
- 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
- 5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- 7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6". THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
- 8. ALL EROSION CONTROL MEASURES MUST CONFORM TO LCRA REQUIREMENTS FOR NON-POINT SOURCE POLLUTION.



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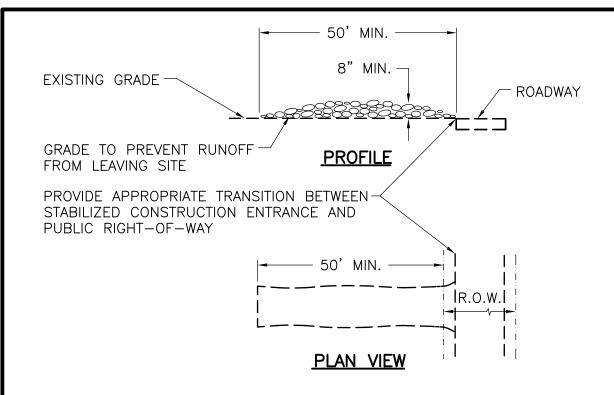
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Date Issued: May 29, 2007

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SILT FENCE

G-9



- 1. STONE SIZE: 3-5" OPEN GRADED ROCK.
- 2. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 50'.
- 3. THICKNESS: NOT LESS THAN 8".
- 4. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
- 5. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
- 6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
- 7. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.



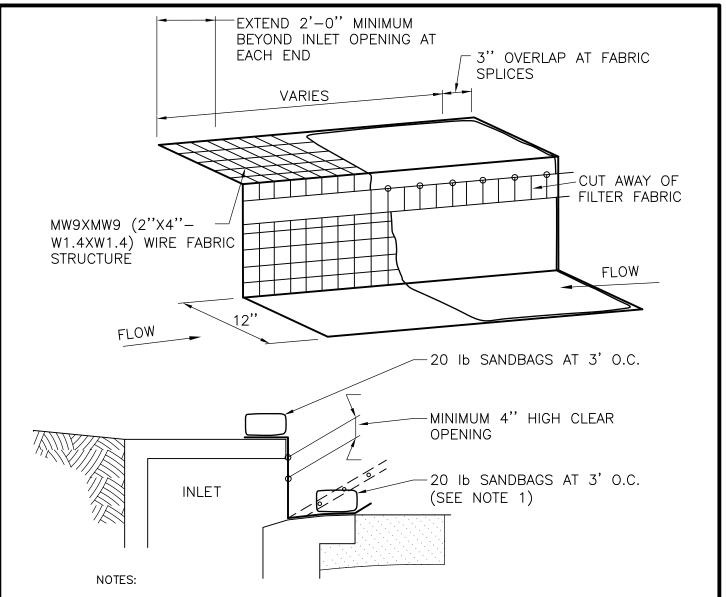
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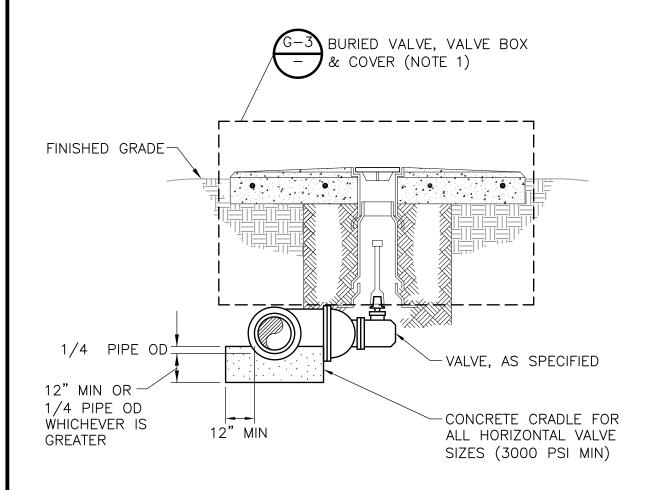
STABILIZED CONSTRUCTION
ENTRANCE



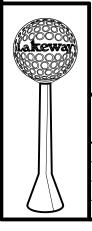
- 1. WHERE MINIMUM CLEARANCES CAUSE TRAFFIC TO DRIVE IN THE GUTTER, THE CONTRACTOR MAY SUBSTITUTE A 1" X 4" BOARD SECURED WITH CONCRETE NAILS 3' O.C. NAILED INTO THE GUTTER IN LIEU OF SANDBAGS TO HOLD THE FILTER DIKE IN PLACE. UPON REMOVAL, CLEAN ANY DIRT/DEBRIS FROM NAILING LOCATIONS, APPLY CHEMICAL SANDING AGENT AND APPLY NON-SHRINK GROUT FLUSH WITH SURFACE OF GUTTER.
- 2. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL OR AS DIRECTED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
- 3. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
- 4. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM-WATER BEGINS TO OVERTOP THE CURB.

5. INLET PROTECTIONS SHALL BE RE	MOVED AS SOON AS THE SOURCE OF SEDIMEN	NT IS STABILIZED.					
LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS							
Scale: NTS Date Issued: May 29, 2007 Rev.# Date By Remarks	FILTER DIKE CURB INLET PROTECTION	STANDARD DETAIL G-11					





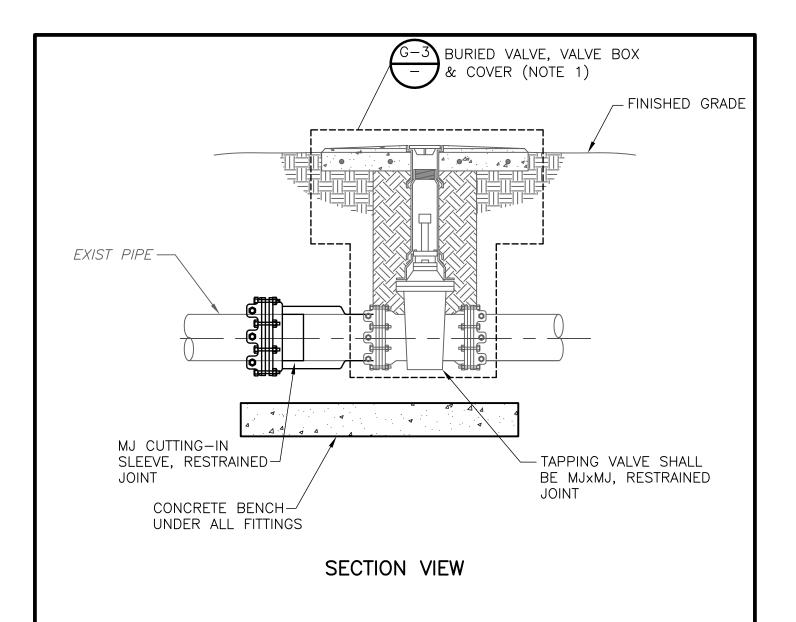
- 1. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX AND COVER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 2. VALVES IN POTABLE AND REUSE SERVICE SHALL BE RESILIENT WEDGE GATE VALVES BY AMERICAN AVK COMPANY.
- 3. VALVES IN RAW WASTEWATER SERVICE SHALL BE ECCENTRIC RESILIENT PLUG TYPE WITH CAST IRON BODY, ACRYLONITRILE-BUTADIENE (NBR) PLUG, WELDED-IN NICKEL SEAT. PROVIDE WORM GEAR ACTUATOR WITH 2" SQUARE NUT. ACTUATOR SHALL HAVE RADIAL SHAFT AND ROLLER THRUST BEARINGS. PLUG VALVES SHALL BE BY VALMATIL OR APPROVED EQUAL.
- 4. VALVES IN WASTEWATER FORCE MAINS 3" DIAMETER AND BELOW SHALL BE 304 STAINLESS STEEL BALL TYPE WITH 2" OPERATING NUT.



LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS

Scale: NTS Date Issued: May 29, 2007 HORIZONTAL BURIED VALVE, Rev.# Date VALVE BOX AND COVER Remarks

STANDARD **DETAIL**



- 1. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX AND COVER FOR ADDITIONAL REQUIREMENTS.
- 2. OUT OF EXIST PIPELINE, CUT ONLY THE LENGTH OF PIPE NECESSARY TO EQUAL OVERALL LENGTH OF FITTING TO BE INSERTED PLUS 10"+/- FOR INSERTING CUTTING-IN SLEEVE.
- 3. WRAP ALL IN 8 MIL PLASTIC.



LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS

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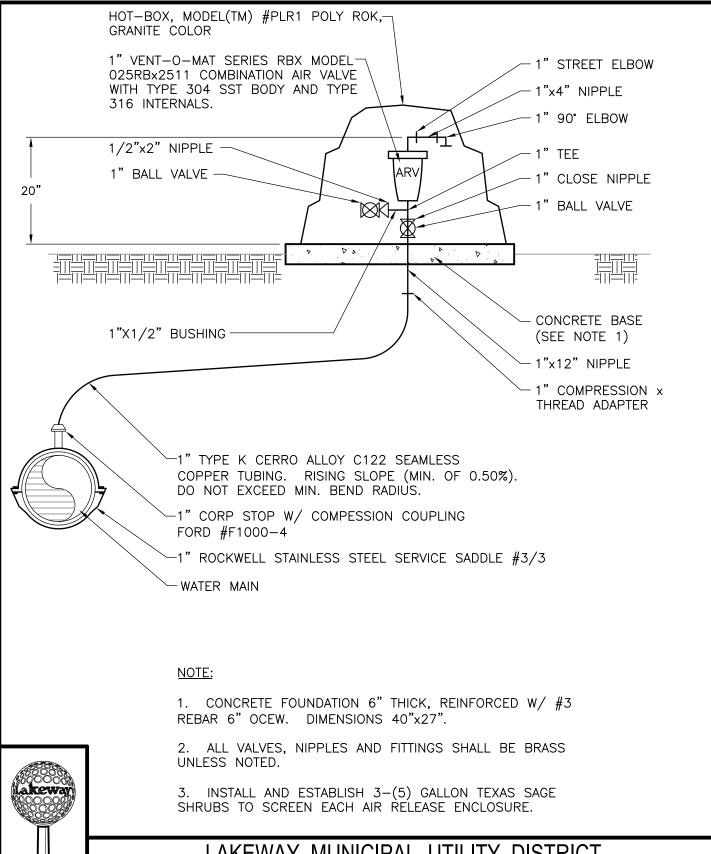
Date Issued: November 15, 2011

Rev.# Date By Remarks

AN

IN-LINE TAPPING VALVE AND CUTTING-IN SLEEVE

STANDARD DETAIL



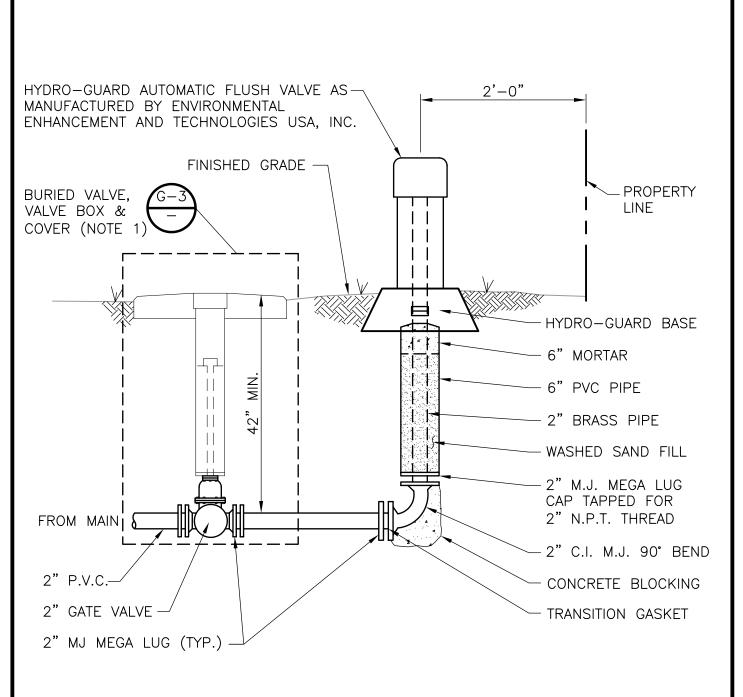


LAKEWAY MUNICIPAL UTILITY DISTRICT

LAKEWAY, TEXAS

Scale: M12					
Date Issued: May 29, 2007					
Rev.#	Date	By Remarks			
1	7-09	BAP	NOTE 3, 1" ARV NOTE		

AIR RELEASE FOR WATER SERVICE



ELEVATION



NOTE:

1. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX AND COVER DETAIL FOR ADDITIONAL REQUIREMENTS.

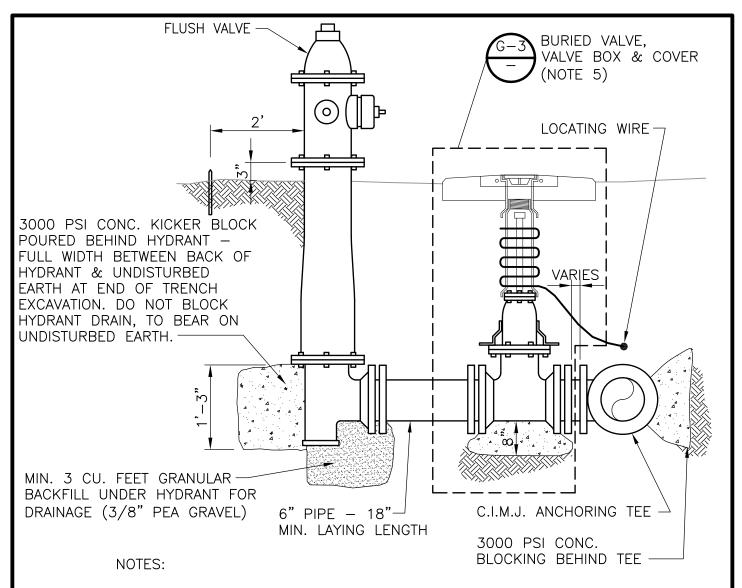
LAKEWAY MUNICIPAL UTILITY DISTRICT

Scale: NTS

Date Issued: May 29, 2007

Rev.# Date By Remarks

FLUSHING VALVE CONNECTION

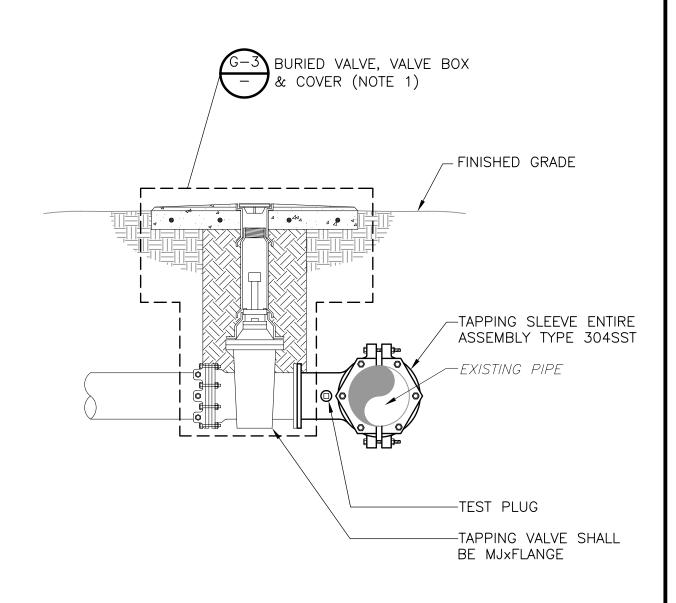


- 1. VALVE BOXES TO BE SET FLUSH WITH PAVEMENT SURFACE WHEN SET IN ROADWAY.
- 2. HYDRANT DRAIN TO BE LEFT CLEAN AND OPERABLE.
- 3. WHEN HYDRANT IS TO BE LOCATED BEHIND CURB AND GUTTER, IT SHALL BE SET AT A DISTANCE OF 4' FROM CENTER LINE TO BACK OF CURB.
- 4. AMERICAN AVK SERIES 27 DRY BARREL FIRE HYDRANT OR APPROVED EQUAL.
- 5. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX & COVER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 6. ALL FITTINGS AND VALVES USE MEGA-LUG OR EQUAL MECHANICAL JOINTS.
- 7. ALL HYDRANTS SHALL BE PAINTED PER LMUD SPECS.

LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS							
Scale:	NTS					STANDARD	
Date Issued: May 29, 2007					FIRE HYDRANT	DETAIL	
Rev.#	Date	Ву	Remarks				
1	7-09	BAP	NOTE 7			W-3	

LAKENAAY MUNUCUDAL LITUUTY DICTOICT





1. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX AND COVER FOR ADDITIONAL REQUIREMENTS.



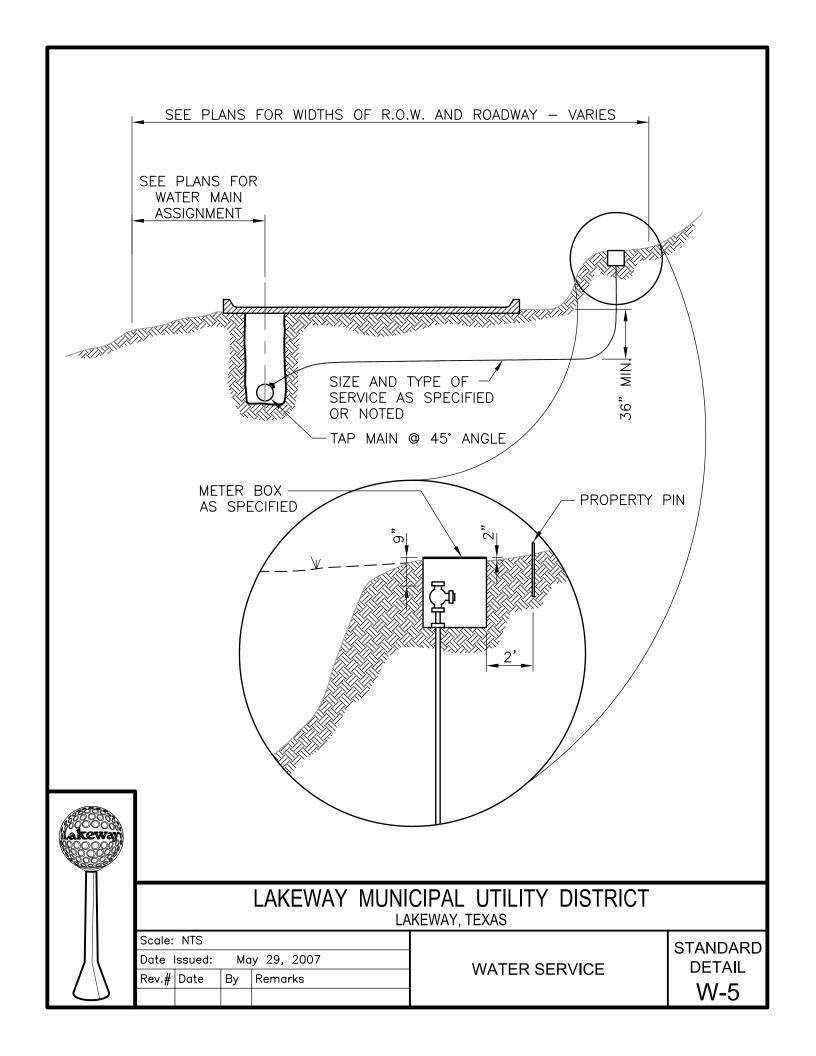
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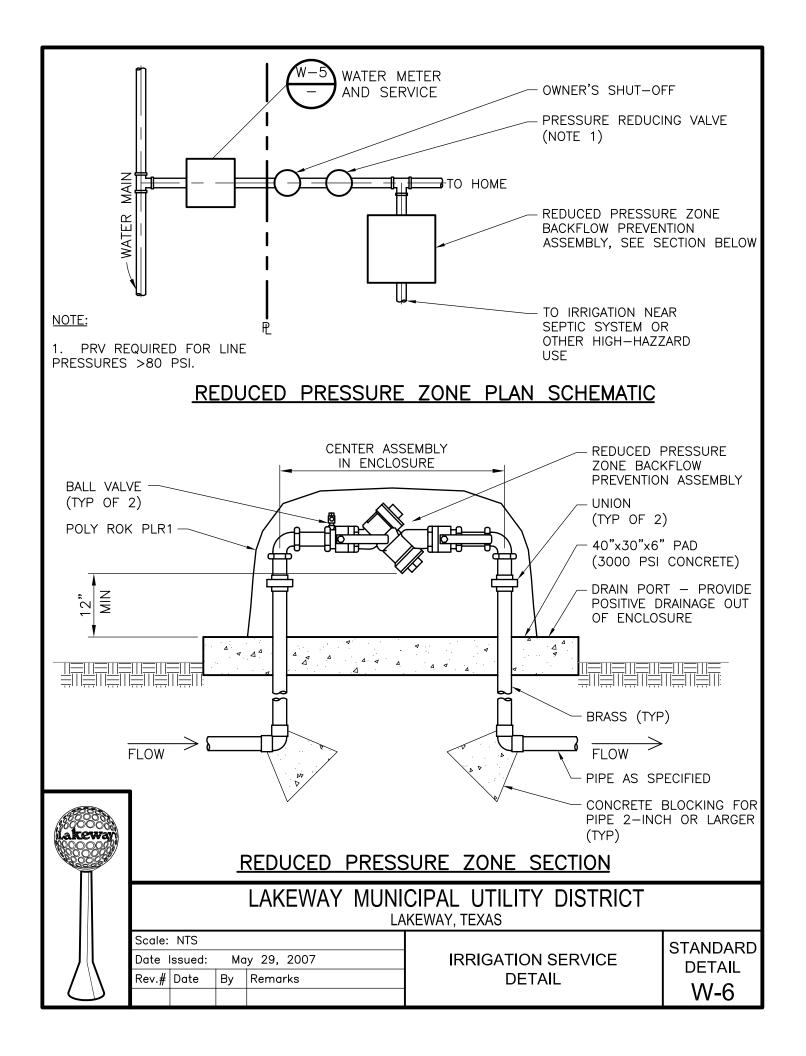
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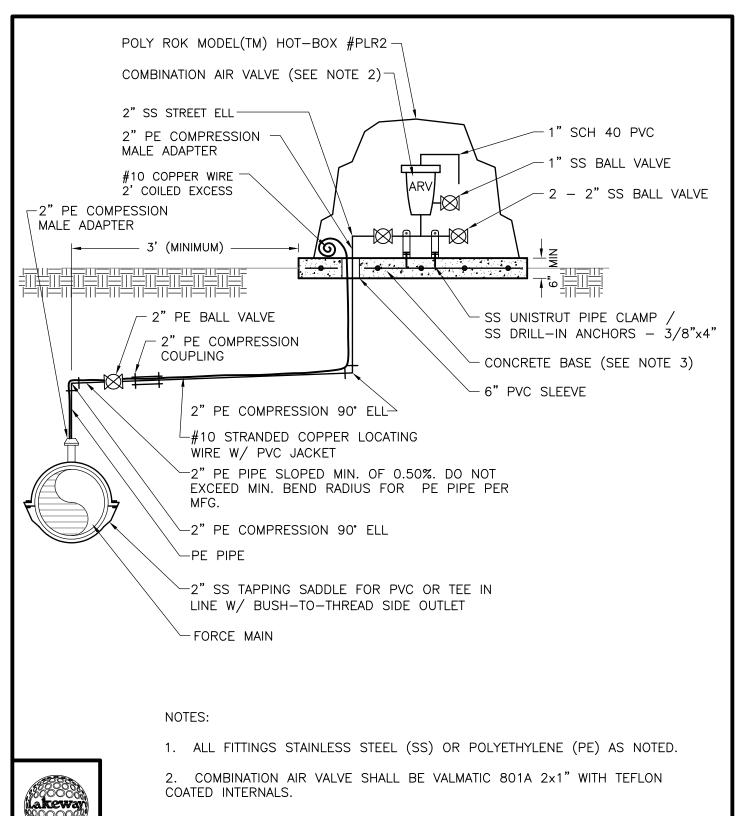
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TAPPING SLEEVE AND VALVE





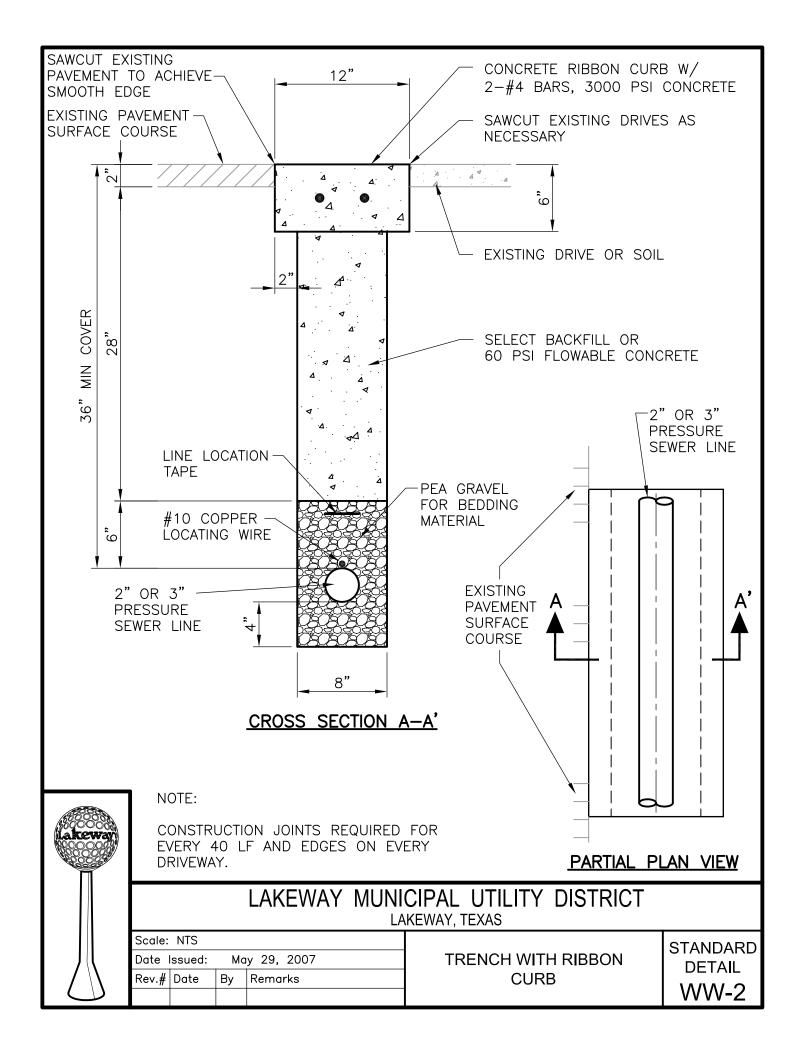


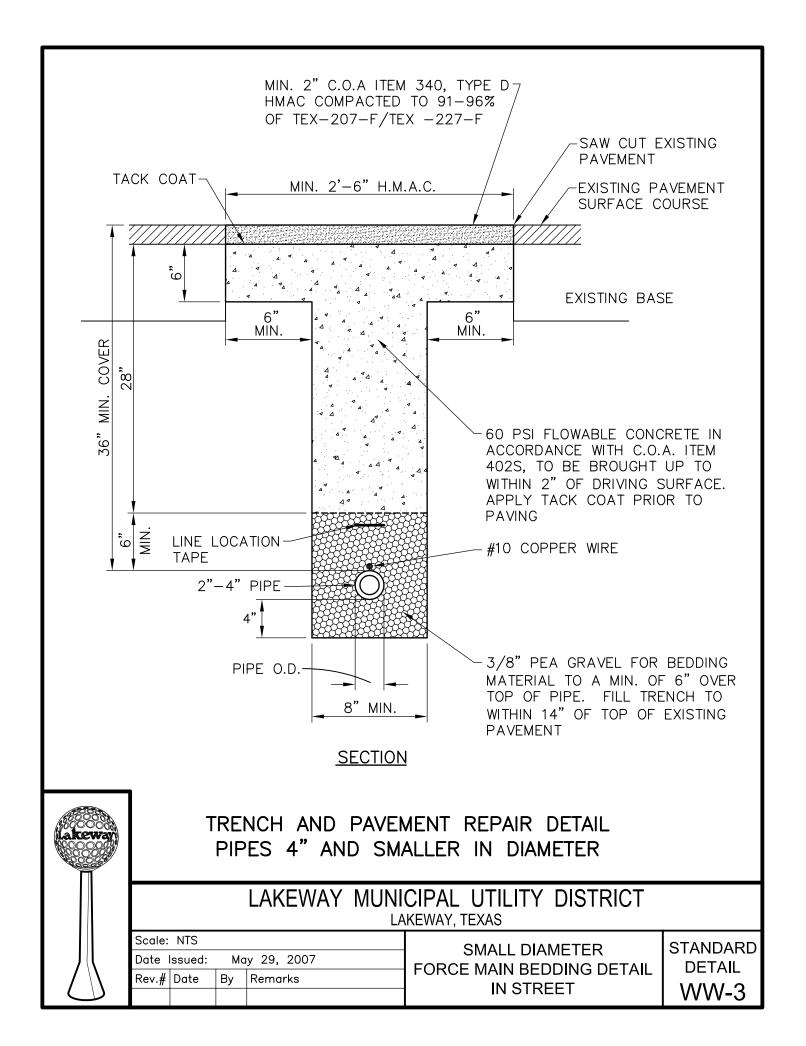
3. 3000 PSI CONCRETE, #3 REBAR 6" OCEW. DIMENSIONS: 40"x27"x6".

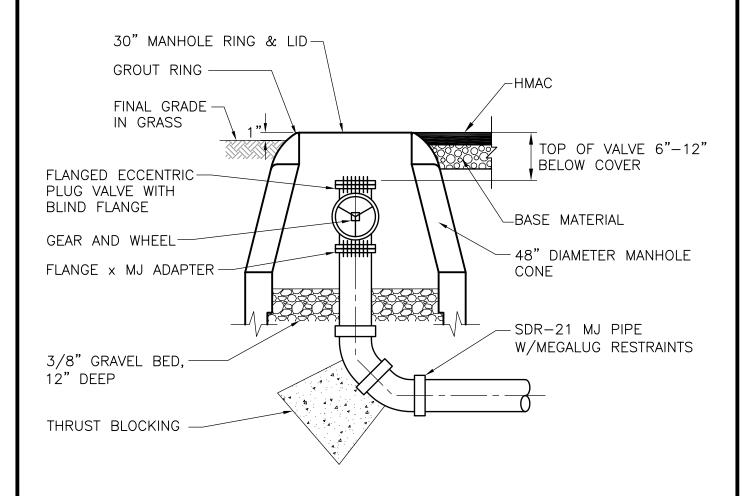
LAKEWAY MUNICIPAL UTILITY DISTRICT

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	Date Issued:		Ма	y 29, 2007	
	Rev.#	Date	By Remarks		

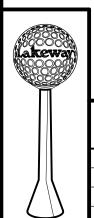
AIR RELEASE FOR WASTEWATER FORCE MAIN







PLUG VALVE SHALL BE ECCENTRIC RESILIENT PLUG TYPE WITH CAST IRON BODY, ACRYLONITRILE — BUTADIENE (NBR) PLUG, WELDED—IN NICKEL SEAT. PROVIDE WORM GEAR ACTUATOR WITH HANDWHEEL. ACTUATOR SHALL HAVE RADIAL SHAFT AND ROLLER THRUST BEARINGS. PLUG VALVES SHALL BE BY VALMATIC OR APPROVED EQUAL.



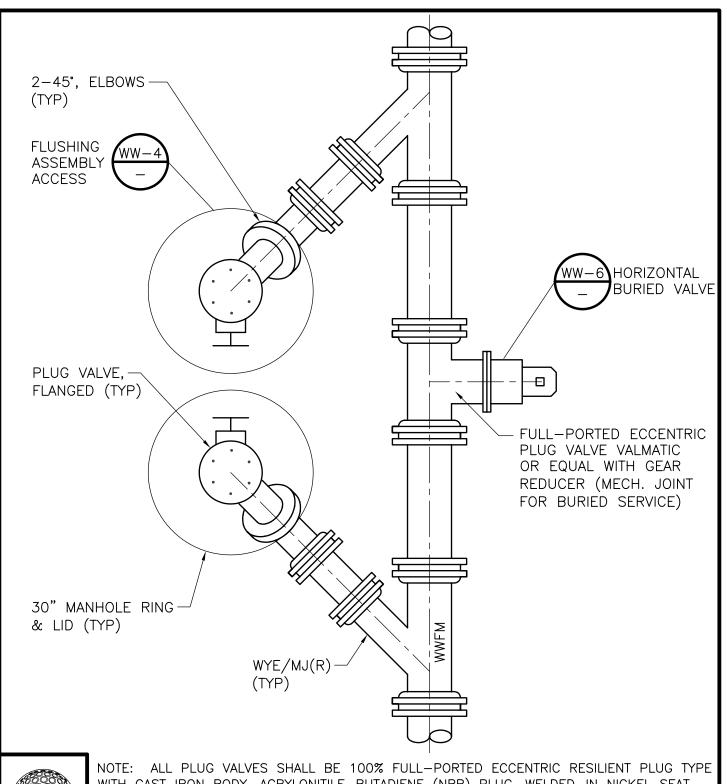
LAKEWAY MUNICIPAL UTILITY DISTRICT

Scale: NTS

Date Issued: May 29, 2007

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LARGER DIAMETER
IN-LINE FLUSHING
ASSEMBLY ACCESS





NOTE: ALL PLUG VALVES SHALL BE 100% FULL-PORTED ECCENTRIC RESILIENT PLUG TYPE WITH CAST IRON BODY, ACRYLONITILE—BUTADIENE (NBR) PLUG, WELDED—IN NICKEL SEAT. PROVIDE WORM GEAR ACTUATOR WITH HAND WHEEL. ACTUATOR SHALL HAVE RADIAL SHAFT AND ROLLER THRUST BEARINGS. PLUG VALVES SHALL BE VALMATIC OR APPROVED EQUAL. ALL FITTINGS SHALL BE RESTRAINED (MEGALUG OR ENGINEER—APPROVED EQUAL).

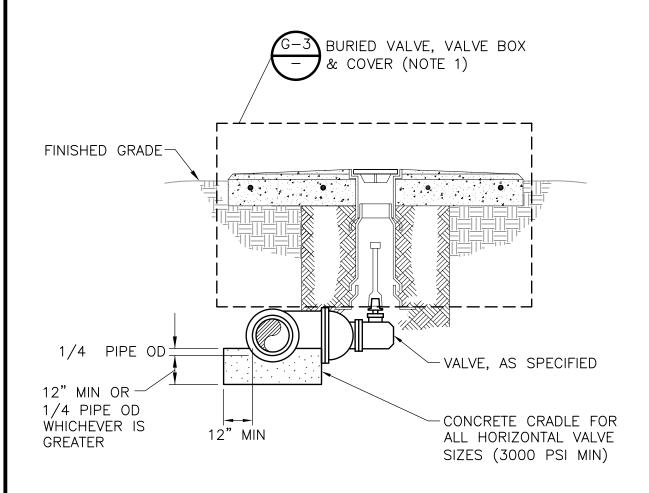
LAKEWAY MUNICIPAL UTILITY DISTRICT LAKEWAY, TEXAS

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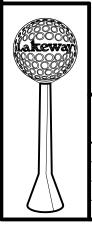
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IN-LINE FORCE MAIN FLUSHING ASSEMBLY

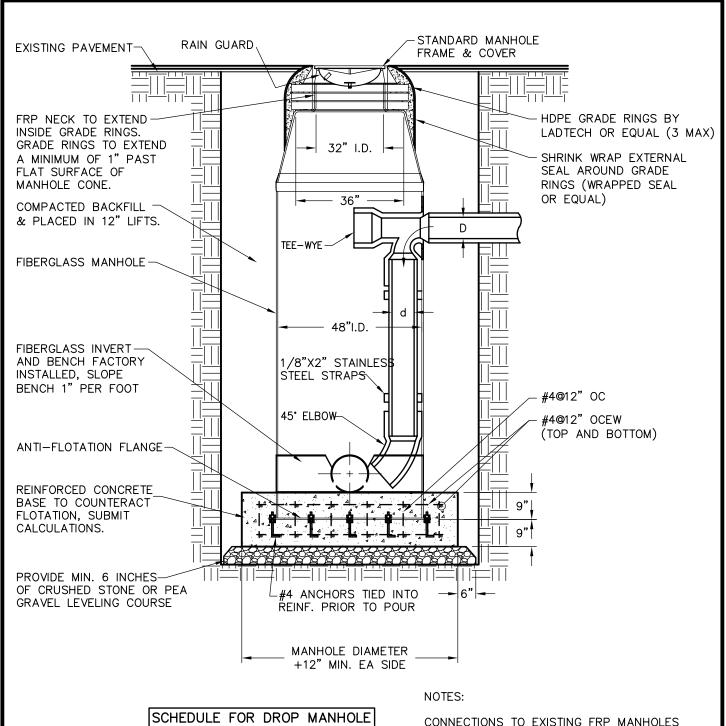


- 1. CONTRACTOR SHALL REFER TO BURIED VALVE, VALVE BOX AND COVER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 2. VALVES IN POTABLE AND REUSE SERVICE SHALL BE RESILIENT WEDGE GATE VALVES BY AMERICAN AVK COMPANY.
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LAKEWAY MUNICIPAL UTILITY DISTRICT

Scale: NTS	
Date Issued: May 29, 2007	HORIZONTAL BURIED VALVE,
Rev.# Date By Remarks	VALVE BOX AND COVER





SCHEDULE FOR DROP MANHOLE INLET PIPE DIAMETER "D" 8" 8" 10" 8" 12" 10" 15" 12"

CONNECTIONS TO EXISTING FRP MANHOLES SHALL BE INSERTA TEE OR EQUAL. SUBMIT PROPOSED INSTALLATION FOR APPROVAL.

CONTRACTOR SHALL SUBMIT SKETCH FOR EACH MANHOLE SHOWING PENETRATION ELEVATIONS. ALSO SUBMIT GRADE RINGS, ADHESIVE, SHRINK WRAP, AND MANHOLE COVER. COA COVER NOT ACCEPTABLE.

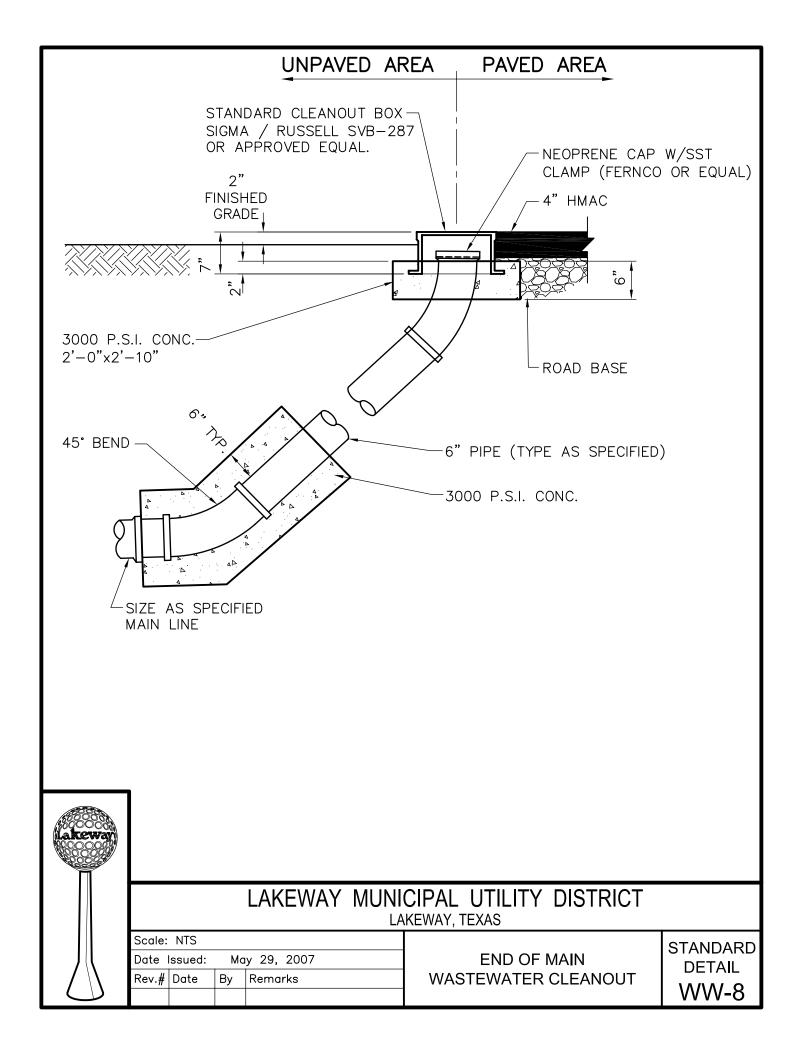
LAKEWAY MUNICIPAL UTILITY DISTRICT

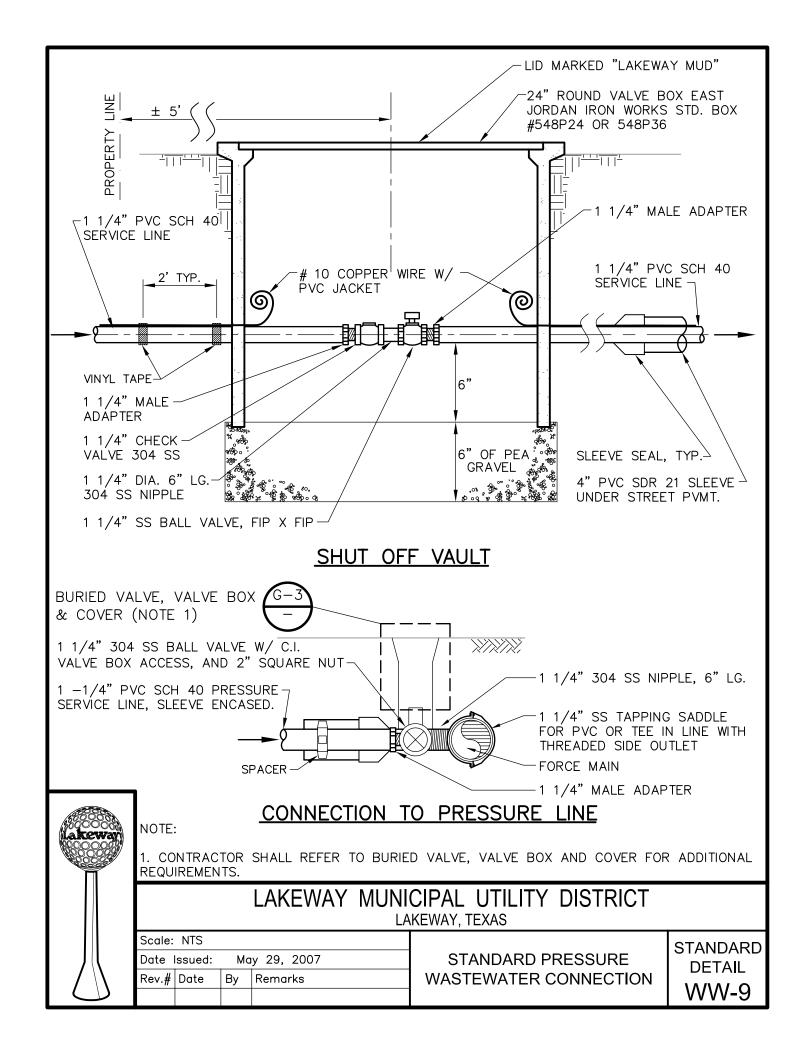
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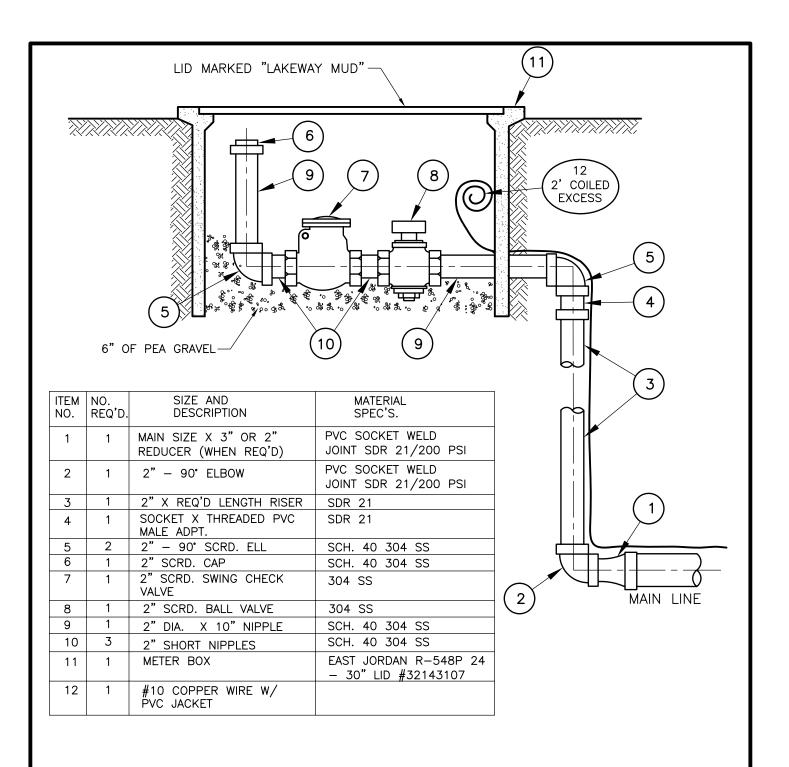
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FRP MANHOLE







NOTE: FOR EACH FLUSH VALVE ASSEMBLY, PROVIDE SST BALL VALVE WITH 2" SQUARE OPERATING NUT 2' UPSTREAM OF TEE ON FORCE MAIN.



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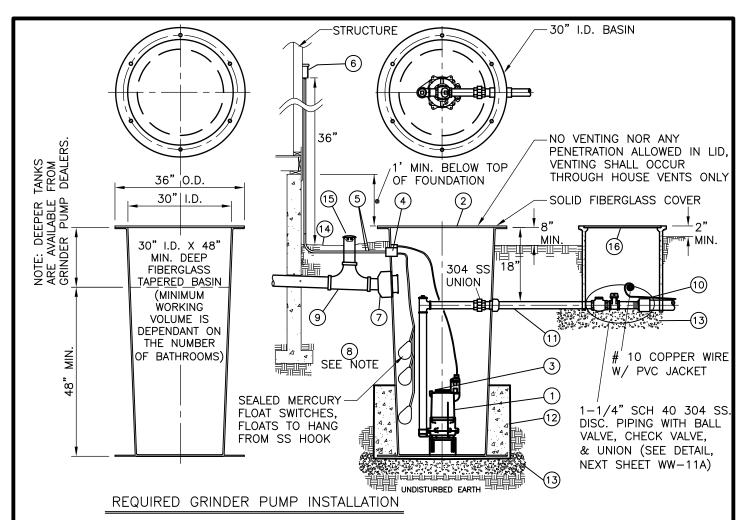
Date Issued: May 29 2007 SM

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SMALL DIAMETER FORCE

MAIN FLUSHING ASSEMBLY



- 1. 2 HP. BARNES CENTRIFUGAL PUMP, MODEL NO. OGP OR OGVH, SIMPLEX GRINDER PUMP. THE DISTRICT WILL AID IN DETERMINING PUMP HEAD REQUIREMENTS.
- 2. ACCESSWAY, COVER, AND PUMP TANK TO BE FIBERGLASS REINFORCED POLYESTER (F.R.P.)
- 3. LIFTING EYES- FOR LIFTING COMPLETE GRINDER PUMP.
- 4. ELECTRICAL ENTRY BUSHINGS FOR LEADS FROM GRINDER PUMP AND FLOATS TO THE CONTROL PANEL (ITEM 6) DUCK SEAL FLEXIBLE CLAY BOTH ENDS OF 1.5" CONDUIT.
- 5. GRINDER PUMP AND ALARM LEADS CIRCUIT TO BE RUN IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES. (ALL POWER AND FLOAT LEADS MUST BE 1.5—INCH MINIMUM CONDUIT).
- 6. RAINPROOF (NEMA 3R OR 4X) CONTROL PANEL WITH CIRCUIT BREAKERS OR DISCONNECT SWITCH AND HIGH WATER ALARM, FLASHING BECON MOUNTED ON EXTERIOR OF PANEL. NOTE: PUMP POWER AND CONTROL POWER ARE ON SEPARATE SUPPLY BREAKERS.
- 7. TANK INLET 4" PIPE GROMMET 420P-4 (5" HOLE), TANK OUTLET 420P-1.25 (2" HOLE).
- 8. TANK VENT TANK MUST BE VENTED THRU THE HOUSE SERVICE LINE.
- 9. GRAVITY SERVICE LINE 4" DRAIN WASTE VENT W/ COMBINATION POP—UP RELIEF VALVE ON DUAL SWEEP CLEAN OUT. IF GREATER THAN 12" BELOW GRADE, THEN 2 CLEAN—OUT SWEEPS ARE REQUIRED.

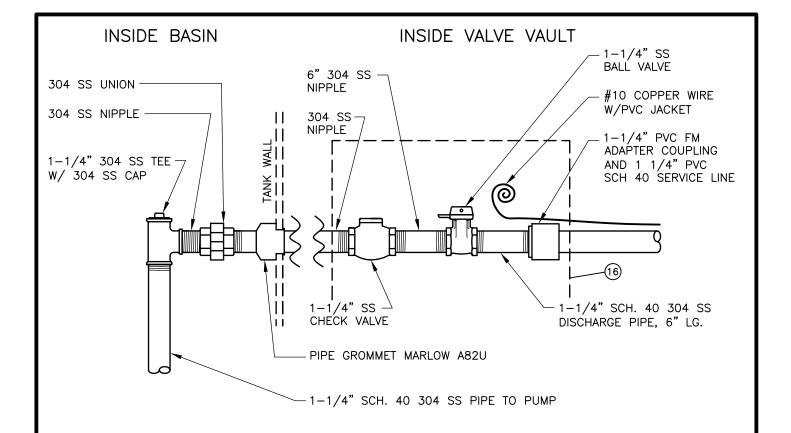
ADDITIONAL REQUIREMENTS, SEE STANDARD DETAIL WW-11A.



LAKEWAY MUNICIPAL UTILITY DISTRICT

LAKEWAY, TEXAS

Scale:	NTS			
Date Issued: May 29, 2007				TYPICAL GRINDER PUMP
Rev.#	Date	By Remarks		INSTALLATION (SHEET 1 OF 2)



DISCHARGE PIPING - AT GRINDER PUMP

CONTINUED NOTES:

- 10. DISCHARGE OUTLET 1 1/4" MALE PIPE THREAD W/ 1 1/4" PVC ADAPTER BUSHING.
- 11. GRINDER PUMP DISCHARGE LINE WITH GROMMET 1 1/4" SCH 40 304 SS NOMINAL PIPE SIZE.
- 12. CONCRETE ANCHOR: 900 LBS. (6 CU.FT.) PLUS 600 BLS. (4 CU.FT.) PER FOOT OF ACCESSWAY. EXAMPLE: W/2' ACCESSWAY 900+1200=2100 lbs. (14 CU.FT.). SLEEVE OVER INLET LINE IS REQUIRED IF ANCHOR IS POURED TO A LEVEL ABOVE THE INLET. (REQUIRED IN FLOOD PLAIN AS DESIGNATED BY BUILDING INSPECTOR)
- 13. BEDDING MATERIAL 6" MINIMUM, ROUNDED AGGREGATE (PEA GRAVEL).
- 14. FINISHED GRADE GRADE LINE TO BE 8" BELOW TOP OF ACCESSWAY AND SLOPE AWAY FROM ACCESSWAY OPENING.
- 15. 4" COMBINATION POP-UP RELIEF VALVE / CLEAN-OUT SET IN 4" PVC ADAPTER. POP-UP RELIEF VALVE SHALL BE 4" ABOVE GROUND AND 4" BELOW TOP OF TANK.
- 16. EAST JORDAN IRON WORKS VALVE BOX, STD. BOX #548P24 w/ "LAKEWAY" CAST IN LID.
- 17. WHERE PUMP IS LOCATED ABOVE MAIN LINE GRADE AT STREET, INSTALL 1-1/4" TEE AND BALL VALVE TO PIPE RETURN TO TANK THROUGH GROMMET.
- 18. ALL DISCHARGE PIPING, FITTINGS AND HARDWARE TO BE SCH. 40 304 STAINLESS STEEL



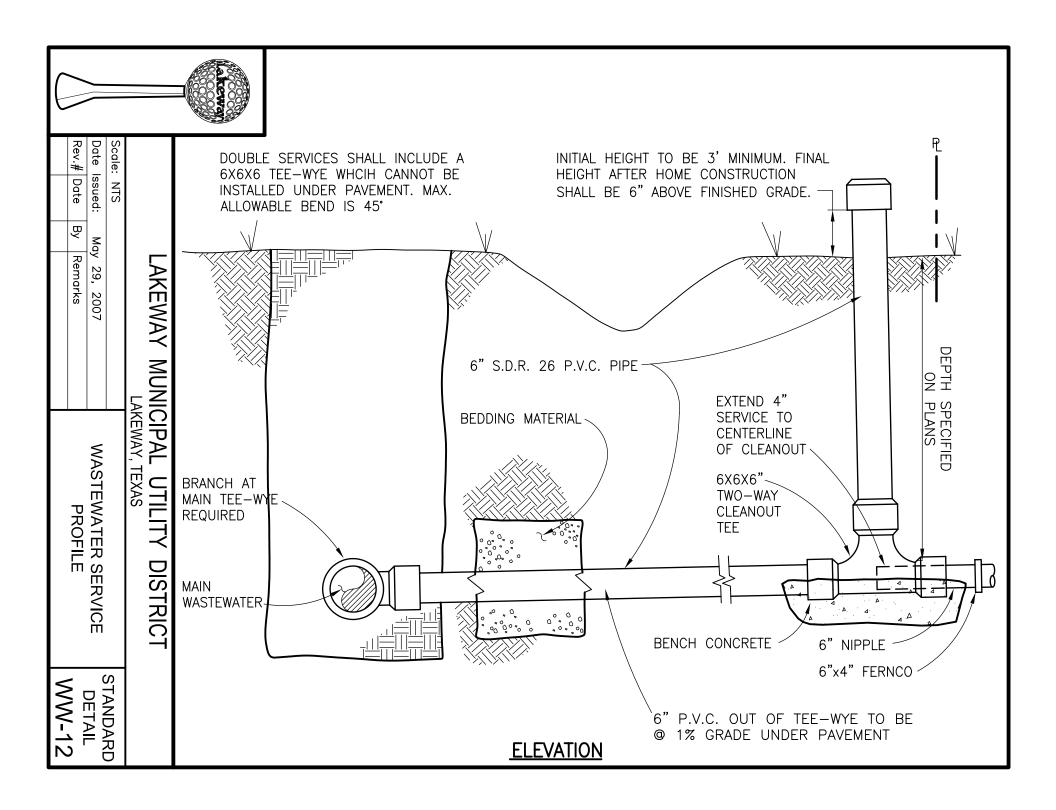
LAKEWAY MUNICIPAL UTILITY DISTRICT

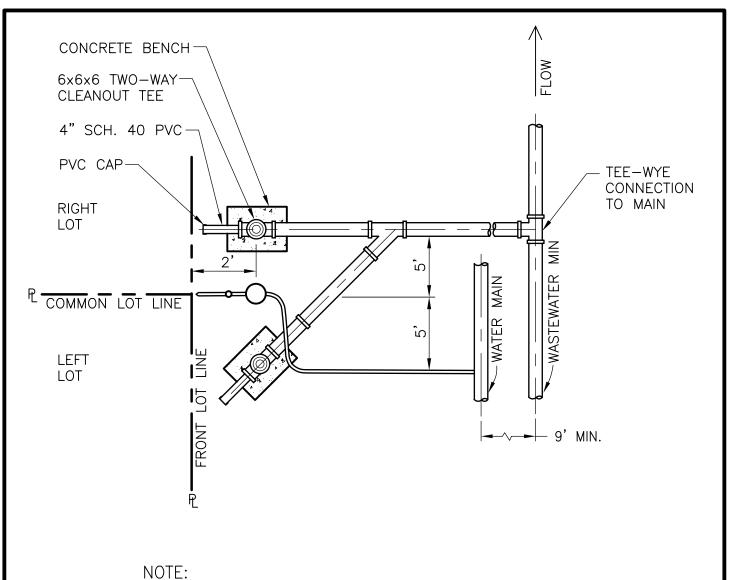
Scale: NTS

Date Issued: May 29, 2007

Rev.# Date By Remarks

TYPICAL GRINDER PUMP
INSTALLATION (SHEET 2 OF 2)





DO NOT USE 6X6X6 TEE-WYE FOR SINGLE SERVICE. WATER SERVICE CAN BE STRAIGHT IF WASTEWATER SERVICES ARE NOT PRESENT.

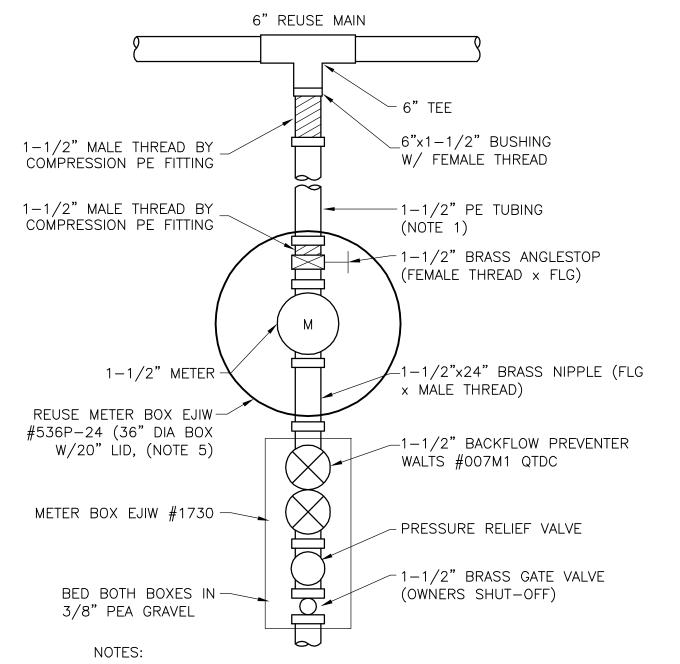


LAKEWAY MUNICIPAL UTILITY DISTRICT

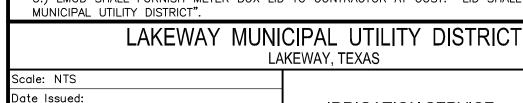
LAKEWAY, TEXAS

Scale: NTS Date Issued: May 29, 2007 Rev.# Date Remarks

WATER AND WASTEWATER **DETAIL SERVICE PLAN**



- 1.) BLACK PE TUBING (150 PSI) W/ PURPLE STRIPE OR PURPLE TUBING. NO PE WRAP. PROVIDE PURPLE MARKING WITH PURPLE 3M TAPE OR EQUAL.
- 2.) ALL FITTINGS AND LINES 1-1/2" UNLESS SPECIFIED OTHERWISE.
- 3.) BOX LIDS SHALL BE PAINTED SAFETY PURPLE.
- 4.) PROVIDE 1-1/2" PRESSURE REDUCING VALVE BY WATTS OR EQUAL UNLESS OTHERWISE SPECIFIED.
- 5.) LMUD SHALL FURNISH METER BOX LID TO CONTRACTOR AT COST. LID SHALL HAVE "LAKEWAY MUNICIPAL LITHITY DISTRICT"



Remarks

BAP 36" BOX AND NOTES

IRRIGATION SERVICE

STANDARD DETAIL R-1

Rev.# |Date

7-09

