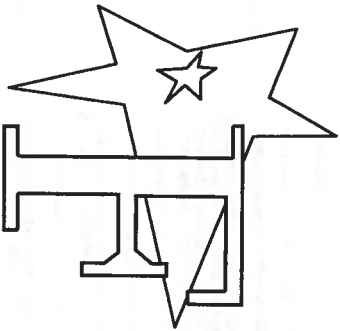


# CITY OF FARMERSVILLE, TEXAS STANDARD CONSTRUCTION DETAILS

## DECEMBER, 2005



APPROVED FOR USE  
ALAN HEIN  
CITY MANAGER

DATE

SECTION	DESCRIPTION	SHEET NO.
GENERAL NOTES	GENERAL CONSTRUCTION NOTES	STD-00
STREET	PAVING / SECTIONS	STD-01
STREET	PAVING / JOINTS	STD-02
STREET	PAVING / DETAILS	STD-03
STREET	PAVING / ALLEY / DRIVEWAYS	STD-04
STREET	PAVING / RADIUS	STD-05
STREET	PAVING / DETAILS / EROSION	STD-06
STREET	PAVING / SIDEWALKS	STD-07
STORM SEWER	STORM SEWER / INLET	STD-08
STORM SEWER	STORM SEWER / INLET	STD-09
STORM SEWER	STORM SEWER / INLET / DETAILS	STD-10
STORM SEWER	CHANNELS / CONCRETE	STD-11
STORM SEWER	CHANNELS / GABIONS	STD-12
STORM SEWER		STD-13

SECTION	DESCRIPTION	SHEET NO.
WATER	WATER	STD-14
WATER	WATER	STD-15
WATER	WATER	STD-16
WATER / SEWER	METER VAULT / SERVICE LOCATION	STD-17
SANITARY SEWER	SANITARY SEWER	STD-18
SANITARY SEWER	SANITARY SEWER / MANHOLES	STD-19
SANITARY SEWER	SANITARY SEWER	STD-20
EMBEDMENT	TYPICAL EMBEDMENTS	STD-21
WALL	THIN BRICK SCREENING WALL	STD-22
WALL	BRICK SCREENING / RETAINING	STD-23
MISCELLANEOUS	FRANCHISE UTILITIES / MARKERS	STD-24

NOTE:  
IF CONFLICT EXISTS BETWEEN HARD  
COPY AND ELECTRONIC FILE, HARD  
COPY WILL GOVERN.

**PAVING NOTES:**

1. CONCRETE FOR ALL STREETS SHALL BE IN ACCORDANCE WITH MCTC03 CLASS "C" CONCRETE (3,500 P.S.I., COMPRESSIVE @ 28 DAYS).
2. REINFORCING STEEL SHALL BE DEFORMED BARS NO. 3 ON 18 INCH CENTERS OR NO. 4 BARS ON 24 INCH CENTERS. REINFORCING SHALL BE IN BOTH DIRECTIONS ON CENTER. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM 616, 618 AND 617.
3. ALL REINFORCING STEEL SHALL BE TIED 100%, REINFORCING STEEL SHALL BE SET ON PLASTIC CHAIRS. BARS LAPS BE MINIMUM 30 DIAMETERS.
4. EXPANSION JOINTS SHALL BE SPACED EVERY 200 FEET AND AT ALL INTERSECTIONS. ALLEYS SHALL HAVE A MINIMUM OF TWO EXPANSION JOINTS.
5. SAVED TRANSVERSE DRAINAGE JOINTS SHALL BE SPACED EVERY 15 OR 12 TIMES LONGITUDINAL JOINTS INCLUDING SEAMS. OTHERWISE THE SECTION SHALL BE REMOVED AND LONGITUDINAL BUTT JOINTS CONSTRUCTED.
6. SURFACE UNDER PAVEMENTS SHALL BE A MINIMUM OF 7 INCHES OF LIME TREATED SUBGRADE ONLY. HYDRATED LIME SHALL BE UTILIZED. OPTIMUM LIME SHALL BE APPLIED. OPTIMUM LIME CONTENT SHALL BE DETERMINED DURING THE EXCAVATION BY THE USE OF ALIAME SERIES TEST. LIME SERIES TEST SHALL BE TAKEN ALONG THE EXCAVATION AT ALL CHANGES IN SOIL AND A MINIMUM OF 300 FEET. LIME SERIES SHALL BE COMPLETED BY AN INDEPENDENT LABORATORY APPROVED BY THE CITY.
7. LIME TREATED SUBGRADE SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 98 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 155. JOINTS SHALL BE SET TO BE 1/2 TO 1/4 OF OPTIMUM. DENSITY TEST RESULTS SHALL BE COMPLETED BY AN INDEPENDENT LABORATORY APPROVED BY THE CITY. ALL RESULTS SHALL BE PROVIDED TO THE CITY.
8. LIME TRIMMINGS ARE NOT ACCEPTABLE FOR ANY USE.
9. ALL FILL SHALL BE COMPACTED BY MECHANICAL METHODS. MAXIMUM LOOSE LIFT FOR CONSTRUCTION SHALL BE 8 INCHES. ALL LIFTS SHALL BE TESTED FOR DENSITY BY AN INDEPENDENT LABORATORY APPROVED BY THE CITY. DENSITY REQUIREMENT SHALL BE AS SHOWN ON THE PLANS FOR THE TYPE OF MATERIAL CALLED FOR IN THE PLANS.
10. ALL DISTURBED AREAS OF ROADWAY WORK SHALL HAVE GRASS ESTABLISHED IMMEDIATELY. GRASS SHALL MEET THE REQUIREMENTS OF ITEM 3.2.9, 3.2.9.1 & 3.11 OF MCTC03.
11. ALL AREAS TO BE EXCAVATED OR FILLED SHALL HAVE EROSION CONTROL PLACED PRIOR TO COMMENCING EXCAVATION. EROSION CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN ACCORDANCE WITH MCTC03 ITEM 3.12.
12. ALL SIDEWALKS SHALL INCLUDE BARRIER RISES BARS AT INTERSECTING STREETS, ALLEYS, DRIVEWAYS, ETC. BARRIER RISES BARS SHALL MEET CURRENT ADA REQUIREMENTS AND BE APPROVED BY THE TEXAS LICENSING BOARD.
13. SIDEWALKS SHALL BE DOWNED INTO PAVEMENT WHERE IT ABUTS DRIVEWAYS. EXPANSION JOINT MATERIAL SHALL BE USED AT THESE LOCATIONS.
14. NO VEHICLES SHALL BE PERMITTED ON CONCRETE PAVEMENT WITHOUT APPROVAL FROM THE CITY. THE CITY WILL MAKE DETERMINATION BASED ON CONCRETE BREAK REPORT.
15. CONCRETE MIX DESIGN SHALL BE SUBMITTED FOR REVIEW.
16. ALL PAVING FOR PARKING SHALL BE MIN. 8" THICK 3,500 P.S.I. CONCRETE SUBJECT TO CITY ENGINEER APPROVAL.
17. ALL AREAS NOT UNDER PAVING SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 92 PERCENT OF THE MAXIMUM DENSITY.

**LINED CHANNELS**

1. CONSTRUCTION JOINT SHOWN IN DETAILS FOR CONVENIENCE ONLY. MONOLITHIC CONSTRUCTION MAY BE USED.
2. ALL VISIBLE SURFACES SHALL BE A TROWEL FINISH.
3. ALL REINFORCING STEEL SHALL BE 3/4" DIAMETER AND SPACED 17" CENTER TO CENTER BOTH WAYS UNLESS OTHERWISE SPECIFIED.
4. IF WOOD FORMS ARE USED WITH CONSTRUCTION JOINT THEY SHALL BE TWO, 2"x4" AND SHALL NOT BE REMOVED UNTIL CONCRETE ON SLOPES IS READY TO BE PLACED.
5. ALL CONCRETE IN LINED CHANNEL SHALL BE MCTC03 CLASS "C" (MINIMUM 3,000 P.S.I.) CONCRETE.
6. FLAT BOTTOM TO BE CONSTRUCTED WHEN CHANNEL WIDTH IS LESS THAN 12 FOOT.
7. 3/4" CHAMFER ON ALL CONCRETE CORNERS.

**STORM SEWER**

1. THE FLOOR OF THE EXCAVATION FOR INLET BOX MUST PROVIDE A FINAL LEVEL BED FOR THE BASE SECTION TO BE SET ON.
2. A MINIMUM OF 8 INCHES OF 1" DIAMETER (MAXIMUM) ROCK OR GRAVEL SHALL BE USED TO PREPARE THE BED FOR THE INLET BOX. AT LEAST 8 INCHES OF 3/4" GRAVEL STABILIZED SAND SHALL BE USED TO PREPARE THE BEDDING TO GRADE. GROUT STABILIZED SAND SHALL BE ALLOWED TO SET BY KEEPING HOLE FURVED DRY.
3. AFTER PIPE HAS BEEN LAIN ON PROPER BEDDING, BACKFILLING TO COMMERCE WITH 1/2" MAXIMUM LOOSE BRHM GRISS. MAXIMUM SIZE ROCK IN BACKFILL SHALL NOT EXCEED 4 INCHES IN DIAMETER.
4. PRECAST INLETS MUST BE APPROVED BY THE CITY.
5. CONCRETE TO BE MINIMUM 4,200 P.S.I.
6. LOCATING DEVICE IS REQUIRED ON ALL STORM SEWER LINES.
7. NO DUMPING WASTEWATER FLOOD TO BE INSTALLED ON ALL STANDARD AND RECESSED INLETS.
8. CONCRETE CAST-IN-PLACE INLETS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,200 P.S.I. @ 28 DAYS.
9. STORM DRAIN TILE SHALL BE PLACED IN THE CENTER OF THE INLET; 2 INCHES FROM THE EDGE OF OPENING AS SHOWN IN THE DRAWING. THE CONSTRUCTION ADHESIVE FOR APPLICATION, TILES CAN BE ORDERED FROM: CENTERLINE SUPPLY, INC. 655 BRIDGE STREET, GRAND PRairie, TEXAS 75061-1141, 1-800-221-1731, METRO: 214-461-4800, FAX: 214-461-1221.
10. EXISTING STORM SEWER PIPE AND/OR LATERALS SHALL BE LOCATED PRIOR TO SETTING OF CONSTRUCTING INLET BOXES. IF ADJUSTMENT IN GRADE OF LATERAL IS REQUIRED, A REVERSE DESIGN BY THE ENGINEER OF RECORD SHALL BE SUBMITTED TO THE CITY FOR APPROVAL.
11. REINFORCED CONCRETE PIPE CLASS III IS APPROVED WITHIN THE CITY.

**MANHOLE SEWERS**

1. ALL SEWER LINES CROSSING POTABLE WATER LINES SHALL BE AS SHOWN IN THE PLANS AND MEET THIRC REQUIREMENTS.
2. PREPARE 4 INCHES THROUGH 15 INCHES SHALL BE IN ACCORDANCE WITH ASTM D2034 WITH A MINIMUM SON OF 35 OF ASTM D2039 AND DE 34634 G.
3. PREPARE LARGER THAN 12 INCHES THROUGH 48 INCHES SHALL BE IN ACCORDANCE WITH ASTM STANDARDS F871, F744, P149 AND D2336/DE 34634 C.
4. MANHOLES SHALL BE PRECAST. ALL MANHOLES SHALL BE WATER TIGHT. PRECAST MANHOLES SHALL HAVE JOINTS SEALED. ALL RING AND COVERS SHALL INCLUDE AN INTERNAL CHAMBER SEAL.
5. ALL PIPE OPENINGS IN MANHOLES SHALL INCLUDE COUPLINGS WITH "O" RING RUBBER GASKETS.
6. STUBOUTS OUT OF MANHOLES SHALL BE FITTED WITH A STOPPER AND CAP. STUBOUTS SHALL BE A MINIMUM OF 3 FEET FROM MANHOLE AND BE SUPPORTED BY A CONCRETE GRADE.
7. ALL DROP MANHOLES SHALL BE OF THE EXTERNAL TYPE.
8. MANHOLES SHALL BE VENTED IN ACCORDANCE WITH THIRC REQUIREMENTS.
9. ALL SANITARY SEWER PIPE SHALL BE TESTED (MCTC03 ITEM 8.7.2) AFTER CONSTRUCTION. TESTING SHALL INCLUDE PRESSURE TESTING, MANHOLE TEST (THIRC REQUIRED) AND COLOR TV INSPECTION. COLOR TV INSPECTION SHALL BE COMPLETED IN PRESENCE OF CITY REPRESENTATIVE AND THE ORIGINAL VHS FOOTAGED TYPE SHALL BE GIVEN TO THE CITY AT THE COMPLETION OF THE INSPECTION.
10. MANHOLES SHALL BE VACUUM TESTED IN THE PRESENCE OF THE CITY REPRESENTATIVE.
11. NO END-OF-LINE CLEANOUTS WILL BE ALLOWED. TERMINATE SEWER LINES WITH A MANHOLE.

**ILLUMINATION**

1. STREET LIGHT FOUNDATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TCU ELECTRIC DETAIL AND NOTES FOR 25 OR 30' MOUNTING HEIGHT ROUND STEEL POLE.
2. PROVIDE SQUARE CONCRETE MOW STRIP 18" FROM OUTSIDE OF POLE TO CORNER USING 3,000 P.S.I. CONCRETE WITH #3 BARS @ 18" AND 1/2" EXPANSION JOINT.

**DETAILS**

SPECIAL DETAILS OR MODIFICATIONS TO THESE STANDARD DETAILS TO BE UTILIZED ON ANY GIVEN PROJECT SHALL BE SUBMITTED TO THE CITY FOR APPROVAL FOR USE.

**WATER**

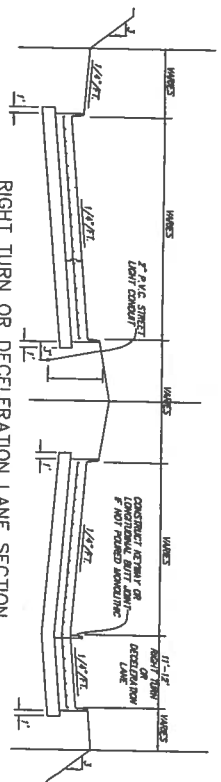
1. ALL WATER LINE CROSSINGS OF SANITARY SEWER LINES SHALL BE AS SHOWN IN THE PLANS AND MEET THIRC REQUIREMENTS.
2. PREPARE 12 INCHES IN DIAMETER AND SMALLER SHALL BE POLYVINYL CHLORIDE (P.V.C.) MEETING THE REQUIREMENTS OF AWWA C900 OR 18 OR DUCTILE IRON PIPE (D.I.P.) MEETING THE REQUIREMENTS OF AWWA C 151 CLASS 50 PIPE. ALL D.I.P. SHALL BE WRAPPED WITH A POLYETHYLENE LINER.
3. FOR PIPES LARGER THAN 12 INCHES IN DIAMETER, THE PIPE SHALL BE REINFORCED CONCRETE CYLINDER (AWWA C501) OR DUCTILE IRON PIPE (AWWA C151 CLASS 50) OR POLYVINYL CHLORIDE PIPE UP TO 18 INCHES MEETING THE REQUIREMENTS OF AWWA C900 - 25 P.S.I. RATED PIPE.
4. ALL VALVES ON PIPES 12 INCHES AND SMALLER SHALL BE RESILIENT SEALED WEDGE VALVES (AWWA C509).
5. ALL VALVES ON PIPES LARGER THAN 12 INCHES BUT SMALLER THAN 30 INCHES SHALL BE BUTTERFLY VALVES (AWWA C509) OR WEDGE VALVES (AWWA C509).
6. ALL VALVES ON PIPES 30 INCHES AND LARGER SHALL BE BUTTERFLY VALVES (AWWA C509).
7. EMBEDMENT SHALL BE AS SHOWN IN THE PLANS. BACKFILL WITHIN THE LIMITS OF EXISTING AND PROPOSED PAVEMENT SHALL BE COMPACTED TO 98% STANDARD PROCTOR. OUTSIDE PAVEMENT EXISTING OR PROPOSED SHALL BE COMPACTED TO MINIMUM OF 95% STANDARD PROCTOR. ALL COMPACTING SHALL BE BY MECHANICAL METHODS.
8. WATER LINES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH MCTC03 ITEM 6.7.3.
9. ALL HORIZONTAL AND VERTICAL BENDS SHALL BE BLOCDED.
10. ALL FITTINGS SHALL INCLUDE MEGALUG CONNECTORS.
11. ALL PIPE HORIZONTALS SHALL BE INSTALLED WITH A 2% X 24" SQUARE REINFORCED CONCRETE PAD.

**REINFORCED WALLS**

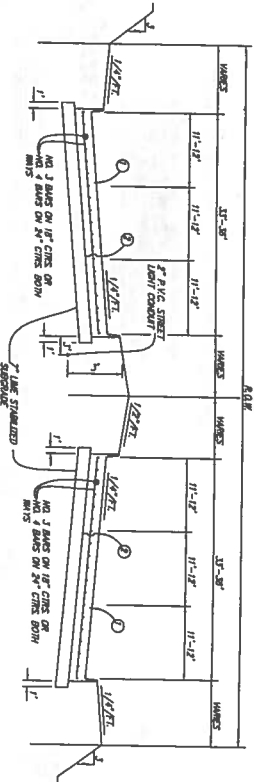
1. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. @ 28 DAYS.
2. REINFORCEMENT - ASTM #4.
3. MASONRY - COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.9 SPECIAL PROVISIONS.
4. WIND LOAD FOR DESIGN - 20 P.S.F.
5. PIER BEARING STRESSSES - SEE BRICK SCREENING WALL NOTES.
6. MORTAR - TYPE "S".
7. PROVIDE CONTROL JOINTS AT 50 FEET.
8. PROVIDE EXPANSION JOINTS AT 200 FEET CENTER MAXIMUM.
9. PROVIDE PIER WITH MINIMUM 9 FOOT W/ 24 INCH DIAMETER BELL IN CLAY OR OTHER MATERIAL EXCEPT BLUE SHALE. 6 FOOT MINIMUM WITH 3 FOOT MINIMUM INTO BLUE SHALE.
10. ALL EXPOSED CONCRETE SHALL BE CLASS 2 RUBBER FINISHED SURFACE.
11. SIDEWALKS ADJACENT TO WALLS MUST BE 5-FOOT MINIMUM WIDTH FROM ALL PORTIONS OF THE WALL (INCLUDING PLASTER, COLLARS, ETC.).
12. MAXIMUM PLASTER SPACING 40 FEET.
13. WALLS SHALL NOT BE PLACED IN THE VISIBILITY EASEMENT OR STREET RIGHT OF WAY.
14. THE WALL SHALL BE A MINIMUM OF EIGHT FEET IN HEIGHT AS MEASURED FROM THE NEAREST ALLEY EDGE OR SIDEWALK. THE MINIMUM HEIGHT IS THE HIGHER. THE COLOR OF THE WALL SHALL BE LIMITED TO EARTH TONE COLOR OR BROWN AND WHITE. THE COLOR OF THE WALL SHALL BE UNIFORM ON EACH SIDE OF A THROUGHFARE FOR THE ENTIRE LENGTH. THE FINISH OF THE WALL SHALL BE UNIFORM UNLESS OTHERWISE APPROVED BY THE CITY'S PUBLIC WORKS DEPARTMENT. THE FINISH OF THE WALL SHALL BE CONSISTENT ON ALL SURFACES.
15. IF WROUGHT IRON FENCING IS TO BE UTILIZED ON REQUIRED SCREENING, ALL WROUGHT IRON MUST BE SOLID STOCK, NO TUBULAR STEEL, WILL BE ALLOWED.

NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
GENERAL NOTES			
DATE	NOVEMBER, 2005	SCALE	STD-00

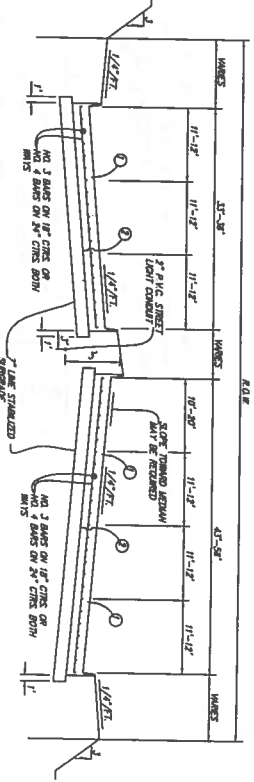
RIGHT TURN OR DECELERATION LANE SECTION



REGULAR SECTION  
(REG. SECT.)

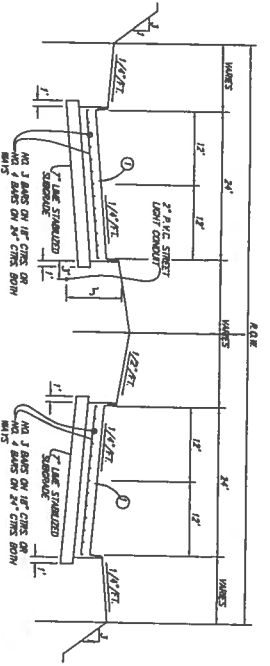


LEFT TURN SECTION

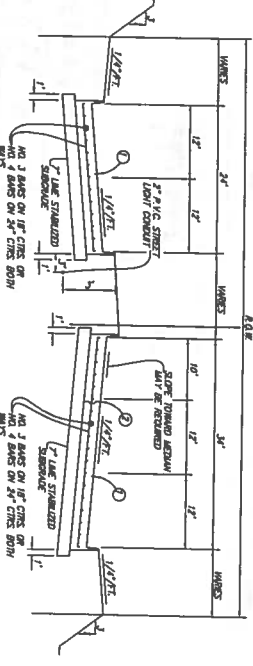


NOTE: SCHEDULES SHALL BE INCLUDED IN ALL STREET RIGHT-OF-WAYS. LOCATION AS DETERMINED BY THE CITY.

REGULAR SECTION



LEFT TURN SECTION

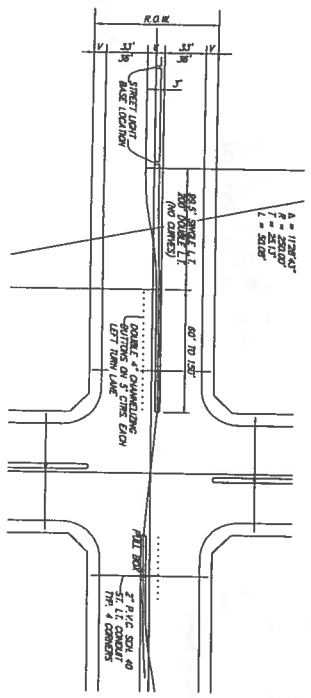


NOTE: SCHEDULES SHALL BE INCLUDED IN ALL STREET RIGHT-OF-WAYS. LOCATION AS DETERMINED BY THE CITY.

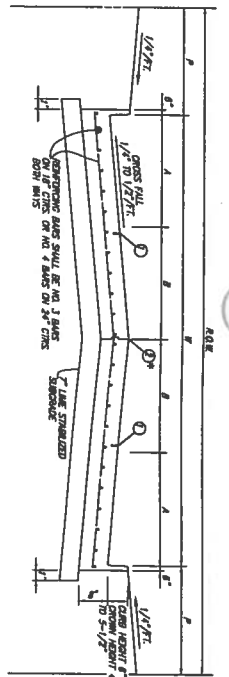
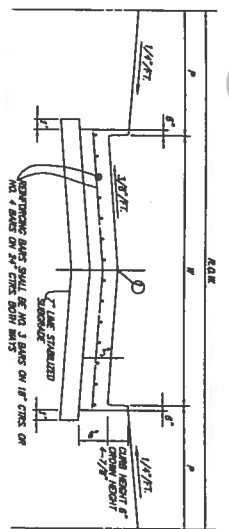
1/2" P.V.C. AND SECTIONS SHALL BE MINIMUM PAVEMENT THICKNESS OF 8 INCHES.

- LEGEND**
- ① - SAVED LONGITUDINAL DRAINAGE
  - ② - 8" REEFER IN 24" SPACING IS 24" FT. FROM FALL LINE OF PAVEMENT
  - ③ - 8" REEFER IN 24" SPACING IS 24" FT. FROM FALL LINE OF 11'-9"
- A. CONSTRUCTION JOINT FALL WIDTH PART IS ALLOWED WHERE APPROVED BY CITY

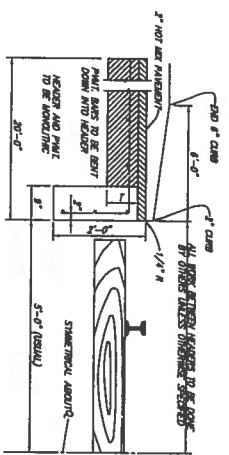
LEFT TURN PLAN



CITY OF FARMERSVILLE, TEXAS	
STANDARD CONSTRUCTION DETAILS	
PAVING / SECTIONS	
DATE: NOVEMBER, 2005	SCALE: STD-01



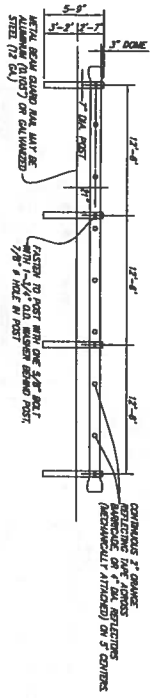
- LEGEND**
- - SIZED LONGITUDINAL DIMENSIONAL
  - - CONSTRUCTION JOINT FULL WIDTH WITH PAINT
  - - IS ALLOWED WHERE APPROVED BY CITY



ROADWAY WIDTH (W)	TOTAL CROWN HEIGHT	MID-POINT	1/4 POINT
20'	4"	2-1/4"	1"
30'	8"	3-3/8"	1-1/2"
44'	6"	3-3/8"	1-1/2"

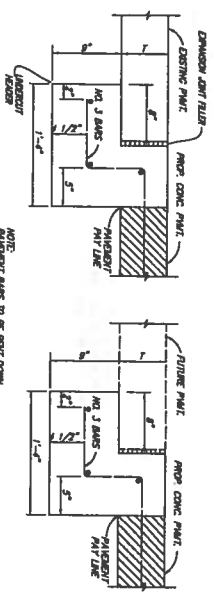
**TABLE OF CROWN HEIGHTS AND ORDINATES FOR VARIOUS PARABOLIC SECTIONS**

SECTION PARABOLIC MUST MEET CROWN GRAD AT OTHERS AT MID-POINTS AND PARABOLIC RADUS ONLY TO BE CONSTRUCTED WITH SLOPE PARABOLIC

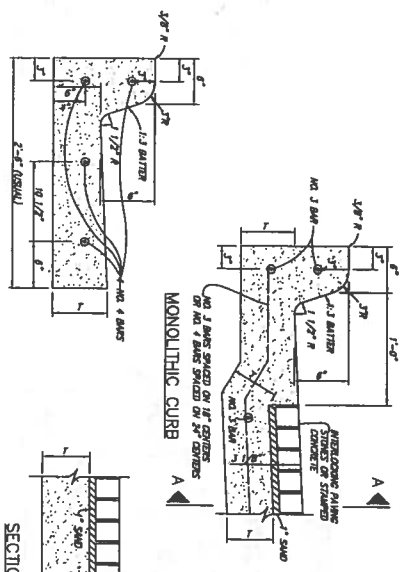


**TYPICAL PERMANENT BARRICADE DETAIL**

RESIDENTIAL (TYPE E & E-1) STREETS SHALL HAVE A MINIMUM PAVEMENT THICKNESS OF 6". ALL OTHERS SHALL BE 8" MIN.



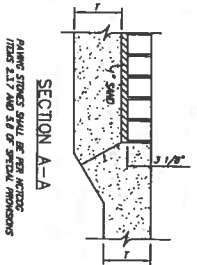
**STREET HEADER**



**MONOLITHIC CURB**

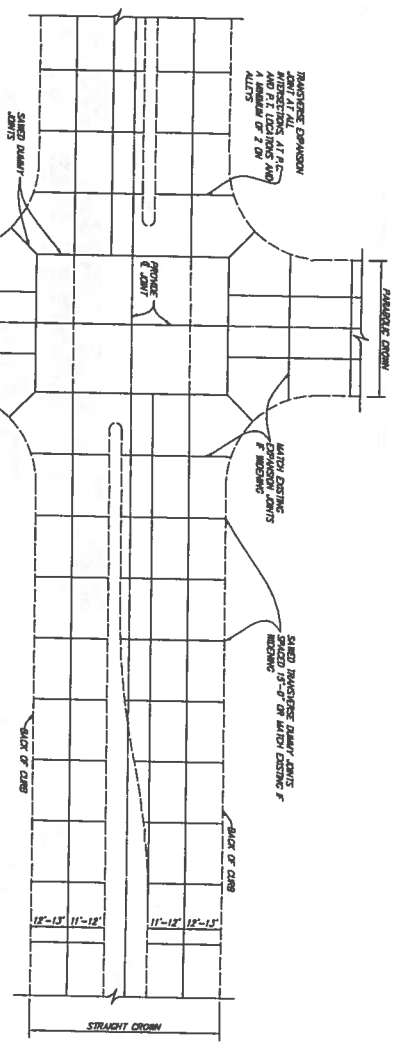
**SEPARATE CURB AND GUTTER**

**CURB AND CURB AND GUTTER**

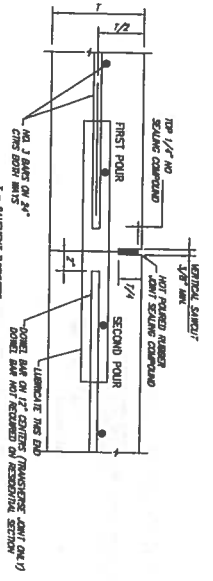


**SECTION A-A**

NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
PAVING / SECTIONS / DETAILS			
DATE:	NOVEMBER, 2005		
SHEET:	STD-02		

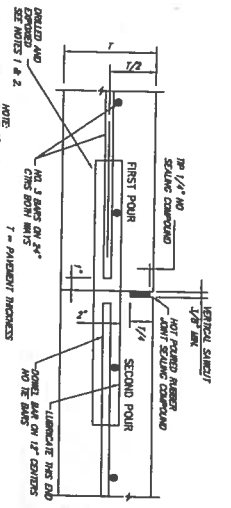


SPACING DIAGRAM FOR TRANSVERSE JOINTS  
(ROADWAYS AND ALLEYS)



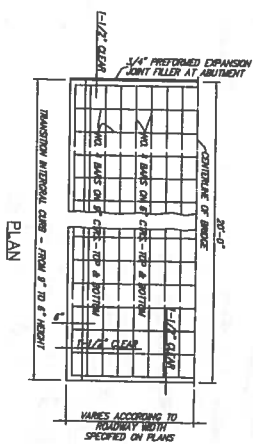
TRANSVERSE AND LONGITUDINAL  
SAWED DUMMY JOINT

NOTE:  
1. DOMES AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE  
T = MINIMUM THICKNESS



TRANSVERSE AND LONGITUDINAL  
CONSTRUCTION JOINT

NOTE:  
1. T-8\"/>



BRIDGE APPROACH SLAB  
SECTION

NO.	REVISION	BY	DATE

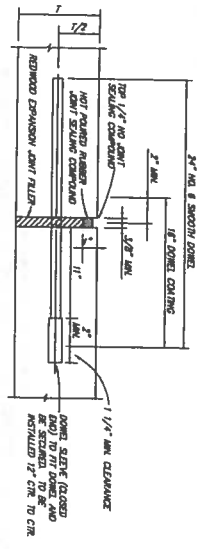
CITY OF FARMERSVILLE, TEXAS  
STANDARD CONSTRUCTION DETAILS

PAVING / JOINTS

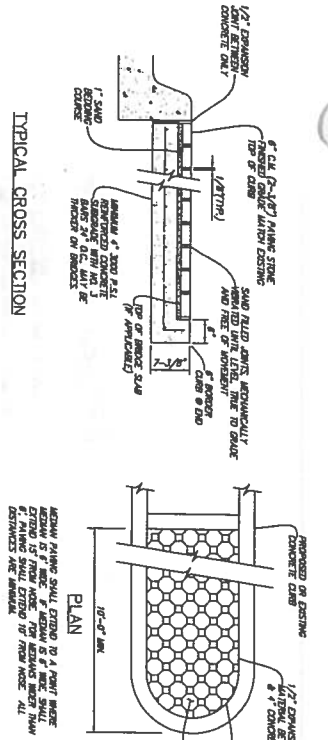
DATE: NOVEMBER, 2005  
SHEET: STD-03

TRANSVERSE EXPANSION JOINT NOTES  
1. DOMES AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE  
2. TRANSVERSE EXPANSION JOINTS SHALL BE LOCATED AT ALL INTERSECTIONS

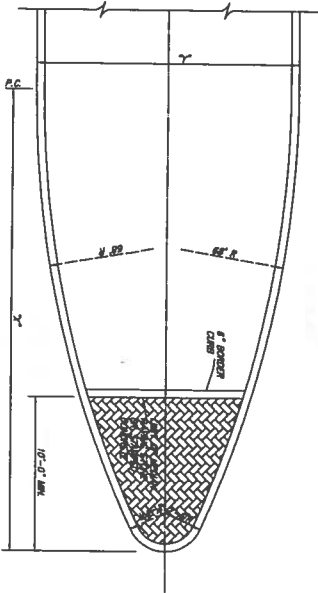
TRANSVERSE EXPANSION JOINT



TRANSVERSE EXPANSION JOINT



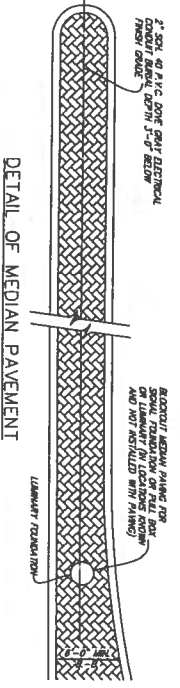
TYPICAL CROSS SECTION  
STAMPED CONCRETE OR INTERLOCKING PAVING STONE  
COLOR AND STYLE TO BE SELECTED BY CITY



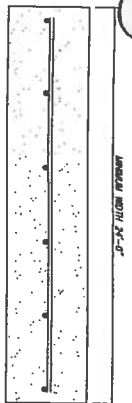
DETAIL OF NOSE FOR MEDIAN ISLAND

DIMENSIONS OF MEDIAN NOSE

1'-11 1/2"	1'-1 1/2"	1'-4 1/2"	1'-1 1/2"
1'-11 1/2"	1'-1 1/2"	1'-4 1/2"	1'-1 1/2"
1'-11 1/2"	1'-1 1/2"	1'-4 1/2"	1'-1 1/2"
1'-11 1/2"	1'-1 1/2"	1'-4 1/2"	1'-1 1/2"

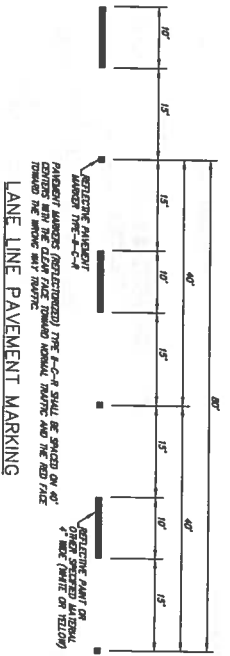


DETAIL OF MEDIAN PAVEMENT

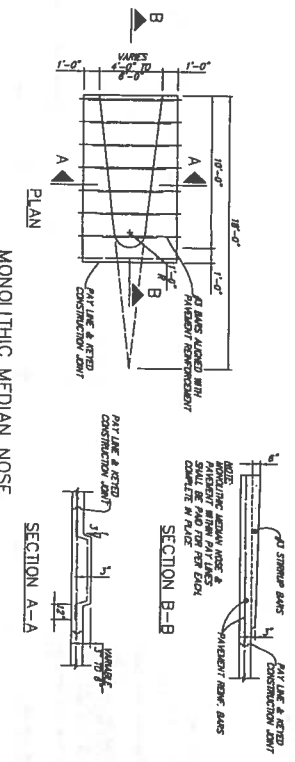


1. ALL FIRE LANES, ACCESS TO QUARTER LOCATION AND ACCESS PAVEMENT SHALL BE PAVED WITH 8 INCHES OF 3000 P.S.I. CONCRETE (28 DAYS COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBAR PLACED ON 24 INCH CENTERS EACH WAY ON A SUBGRADE SCARFED AND COMPACTED TO LEAST 95% STANDARD PROCTOR DENSITY. CONTRACTION JOINTS SHALL BE SPACED AT A MAXIMUM OF 15.5 FEET ON CENTERS EACH WAY. CONTRACTION JOINTS SHALL BE DUMPTON OR SAVED JOINTS TO A DEPTH OF AT LEAST ONE (1) INCH DEEP TO INSURE PROPER RAINFALL IN ORDER TO PREVENT PONDING. THE PAVEMENT SURFACE SHOULD HAVE A MINIMUM SLOPE OF 0.5% (6" PER 100') AT ALL TIMES.
2. ALTERNATE PAVING DESIGN: IN L&U OF NO. 1 ABOVE, THE DEVELOPER MAY SUBMIT AN ENGINEERED DESIGN THAT WILL BE EQUIVALENT IN PERFORMANCE TO THE SPECIFICATIONS ABOVE. THE EQUIVALENT DESIGN MUST TAKE INTO ACCOUNT ALL APPLICABLE LOCAL AND STATE REQUIREMENTS. SUCH DESIGN SHALL REQUIRE APPROVAL BY THE CITY ENGINEER.
3. TRASH ENCLOSURE FOUNDATION SHALL BE 6" THICK 3000 P.S.I. CONCRETE WITH REBAR PLACED ON 18 INCH CENTERS EACH WAY. SLAB EDGES SHALL BE 12 INCH DEEP BY 24 INCH DEEP WITH TWO #3 REBAR TOP AND BOTTOM.

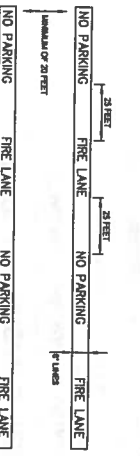
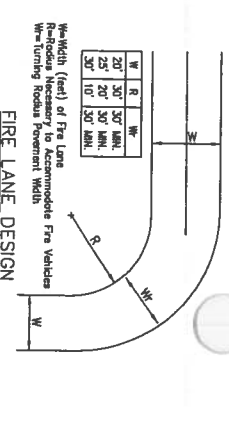
FIRE LANE PAVING & JOINT DETAIL



LANE LINE PAVEMENT MARKING

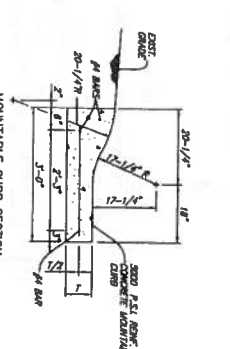


MONOLITHIC MEDIAN NOSE

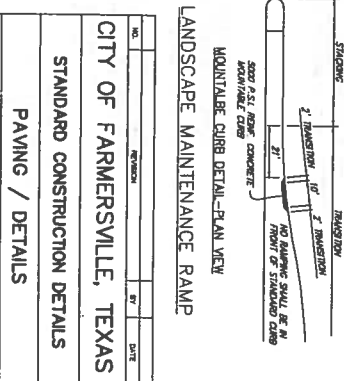


1. THE FIRE CHIEF IS AUTHORIZED TO DESIGNATE FIRE LANES.
2. FIRE LANES SHALL BE MARKED BY SIX INCH (6") WIDE LINES USING RED TRAFFIC PAINT WITH THE WORDING "NO PARKING" AND "FIRE LANE" PAINTED ON THE LINES AT INTERVALS OF TWENTY-FIVE (25') THE LETTERING WILL BE FOUR INCHES (4") HIGH WITH A ONE INCH (1") WIDE STROKE PAINTED WITH WHITE TRAFFIC PAINT.
3. FIRE LANES SHALL BE A MINIMUM OF TWENTYFOUR (24') IN WIDTH.
4. ANY DEAD-END FIRE LANE MORE THAN ONE HUNDRED FIFTY-FEET (150') LONG SHALL PROVIDE A TURN AROUND OF ONE HUNDRED FEET (100') IN DIAMETER AT THE CLOSED END OR HAVE A HAMMERHEAD TURNAROUND AS APPROVED BY THE CITY ENGINEER.

FIRE LANE MARKING



MOUNTABLE CURB SECTION



LANDSCAPE MAINTENANCE RAMP

NO.	REVISION	BY	DATE

CITY OF FARMERSVILLE, TEXAS

STANDARD CONSTRUCTION DETAILS

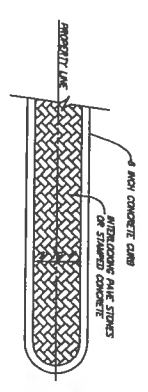
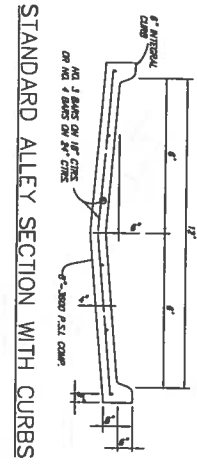
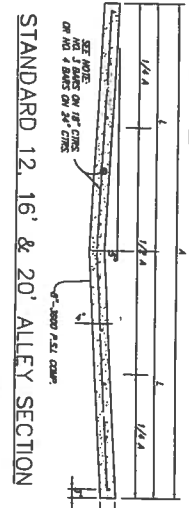
PAVING / DETAILS

DATE: NOVEMBER, 2005

SHEET STD-04

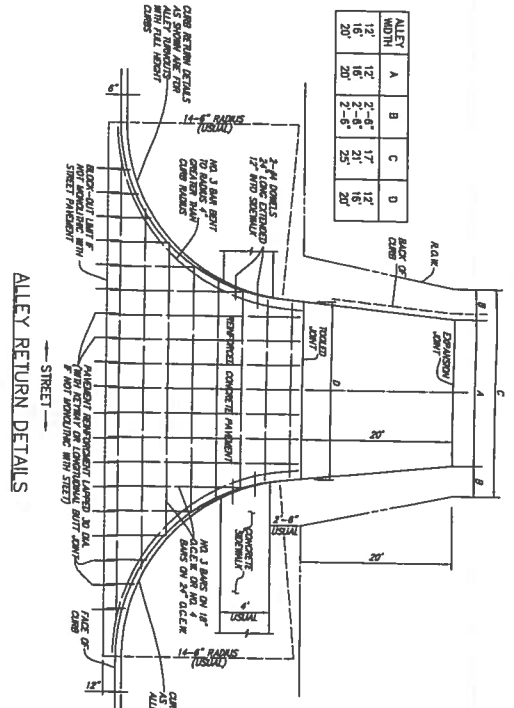
ALLEY WIDTH (A)	HALF WIDTH (B)	FULL WIDTH (C)
12'	6'	12'
16'	8'	16'
20'	10'	20'

- NOTE:
- CONTRACTOR SHALL PROVIDE NO. 3 BARS ON 12" CTRS ON NO. 4 BARS ON 18" CTRS FOR OUTSIDE 1/4" ALLEY WIDTH AND PROVIDE NO. 3 BARS ON 18" CTRS ON NO. 4 BARS ON 24" CTRS FOR INSIDE 1/2" ALLEY WIDTH.
  - CONTRACTOR MAY AT HIS OPTION USE NO. 3 BARS ON 12" CTRS OF NO. 4 BARS ON 18" CTRS FOR ENTIRE ALLEY WIDTH AT NO ADDITIONAL COST TO THE CITY.

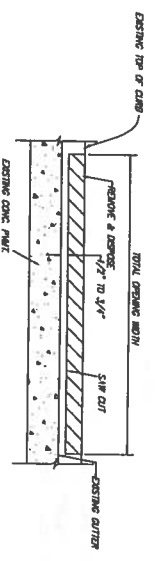


MEDIAN AT DRIVEWAYS SPLIT BY PROPERTY LINE

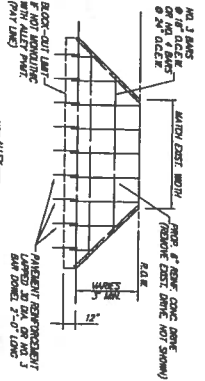
ALLEY WIDTH	A	B	C	D
12'	2'-6"	17'	12'	12'
16'	2'-6"	17'	25'	20'
20'	2'-6"	25'	20'	20'



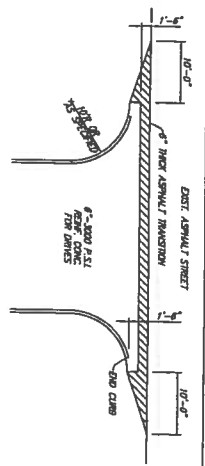
ALLEY RETURN DETAILS



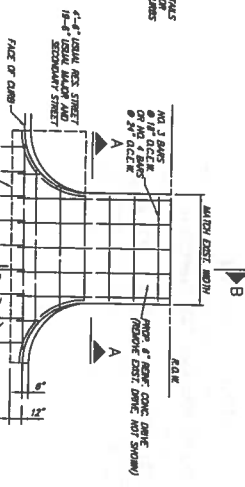
DRIVEWAY OR ALLEY CURB CUT



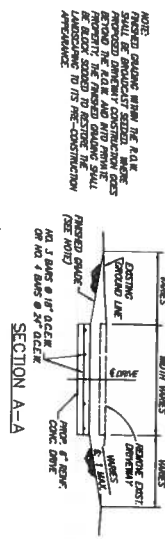
DRIVEWAY RETURN TO ALLEY



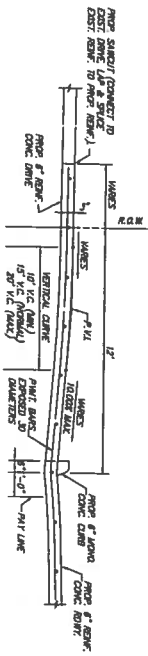
TYPICAL DRIVE OR STREET CONNECTION TO EXISTING ASPHALT STREET



DRIVEWAY RETURN TO STREET



SECTION A-A



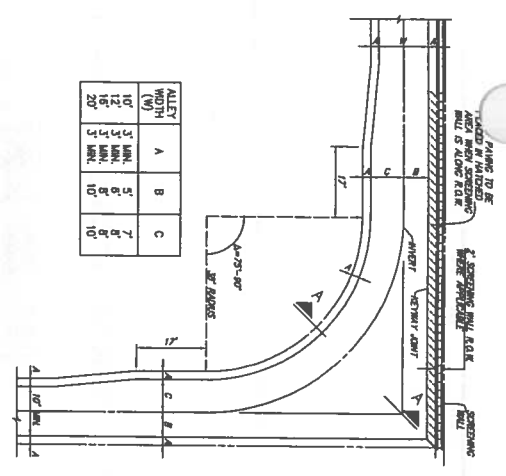
SECTION B-B

DRIVEWAY RETURN SECTIONS

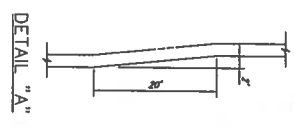
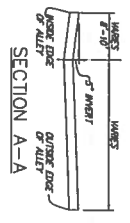
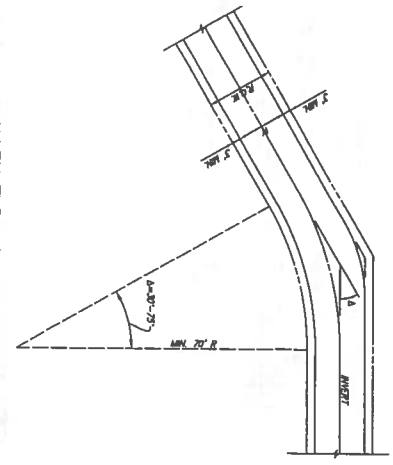
NO. _____		REVISION _____		DATE _____	
CITY OF FARMERSVILLE, TEXAS					
STANDARD CONSTRUCTION DETAILS					
PAYING / ALLEY / DRIVEWAYS					
DATE	NOVEMBER, 2005	SHEET	STD-05		

ALLEY WIDTH (W)	A	B	C
3' MIN.	3'	3'	3'
10'	3'	5'	7'
14'	3'	5'	7'
17'	3'	5'	7'
20'	3'	5'	10'

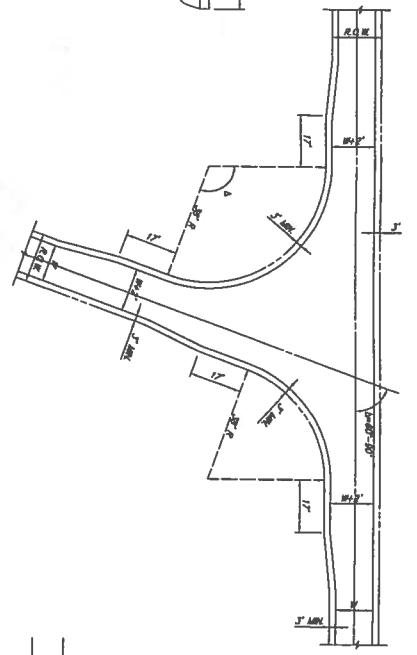
ALLEY TURN FOR  $\Delta = 75^\circ - 90^\circ$



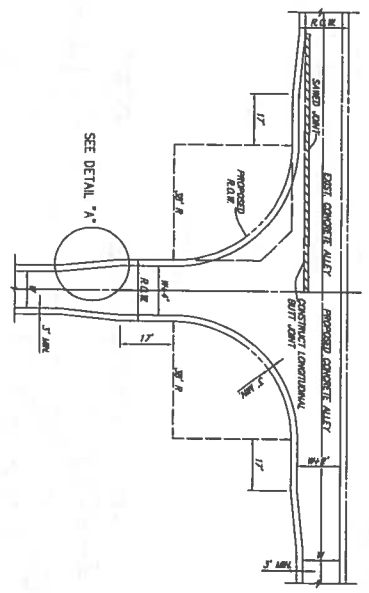
ALLEY TURN FOR  $\Delta = 30^\circ - 75^\circ$



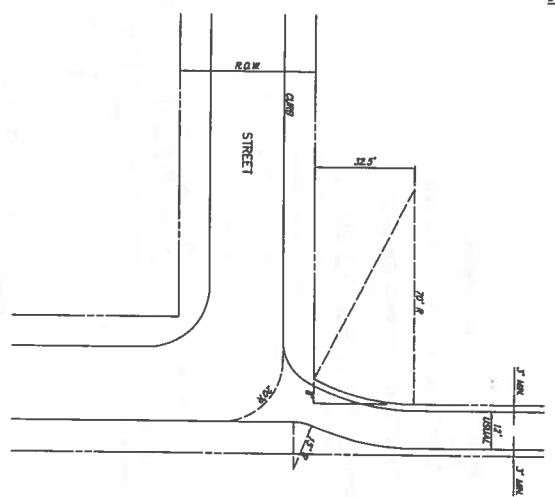
ALLEY TURN FOR  $\Delta > 90^\circ$



ALLEY INTERSECTING ALLEY

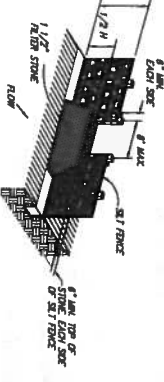
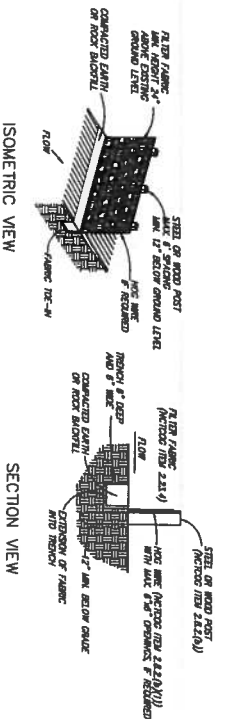


ALLEY / STREET INTERSECTION



NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
PAVING / RADIUS			
DATE:	NOVEMBER, 2005	SHEET	STD-06

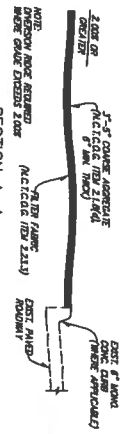




**STONE OVERFLOW STRUCTURE**  
 LOCATION AS CALLED FOR IN PLANS

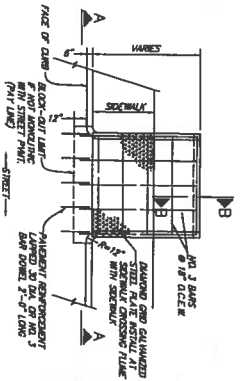
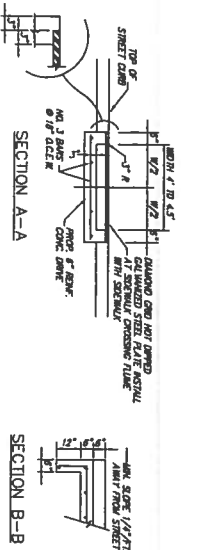
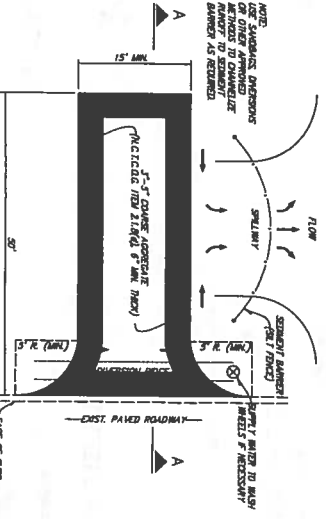
NOTES:  
 1) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.  
 2) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.  
 3) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.  
 4) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.

**EROSION CONTROL**

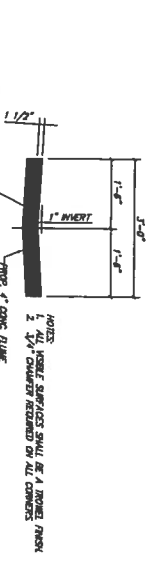


NOTE:  
 1) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.  
 2) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.  
 3) THE CONTRACTOR SHALL VERIFY THAT THE FABRIC IS PROPERLY INSTALLED AND MAINTAIN IT THROUGHOUT THE CONSTRUCTION PERIOD.

**CONSTRUCTION ENTRANCE ROAD FOR EROSION CONTROL**

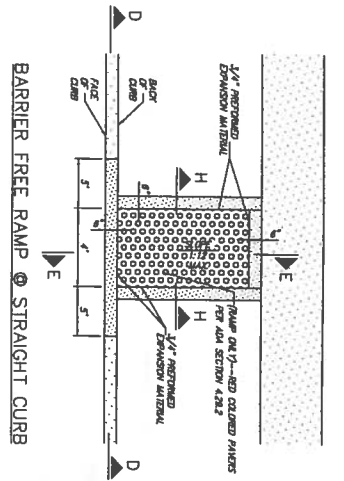


**REINFORCED CONCRETE FLUME WITH CURBS**

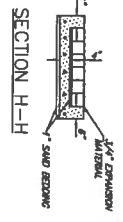


**REINFORCED CONCRETE FLUME WITHOUT CURBS**

NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
PAVING / DETAILS / EROSION			
DATE:	NOVEMBER, 2005	1-111	STD-07

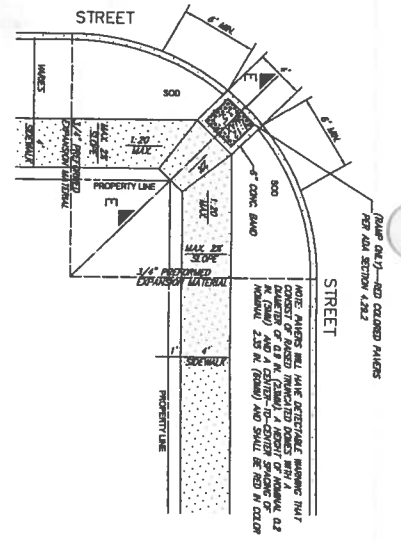


SECTION D-D

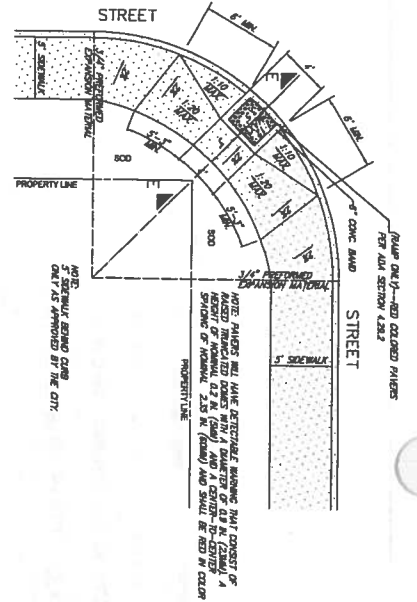


SECTION H-H

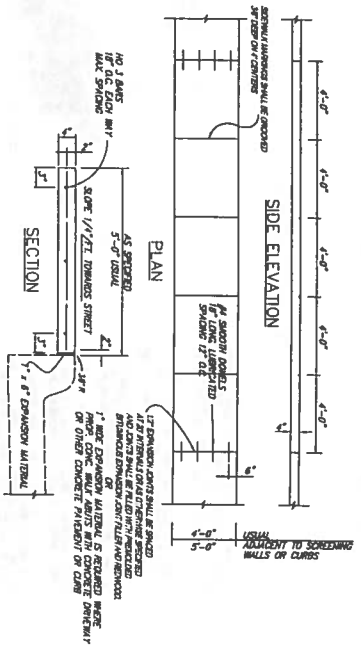
RAMP FOR 4 FEET SIDEWALK AWAY FROM CURB



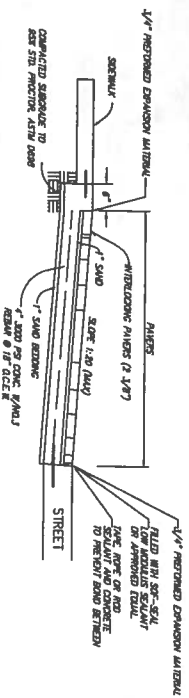
RAMP FOR 5 FEET SIDEWALK NEXT TO CURB



REINFORCED CONCRETE SIDEWALK

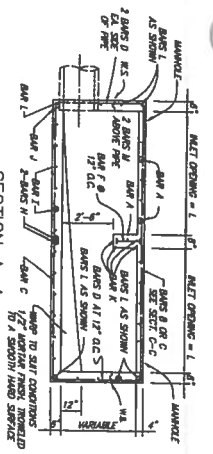


SECTION E-E

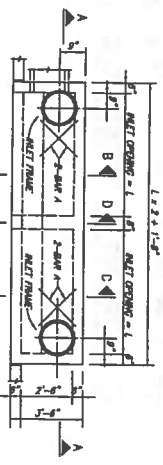


NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
PAVING / SIDEWALKS			
DATE:	NOVEMBER, 2005	SCALE:	STD-08

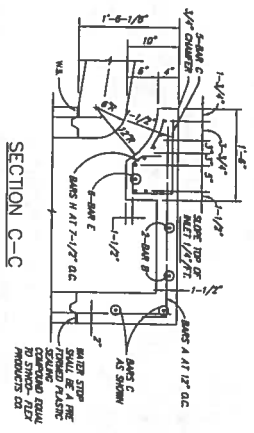




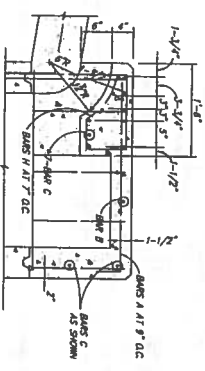
SECTION A-A  
12, 14, 16 AND 20 FOOT INLETS



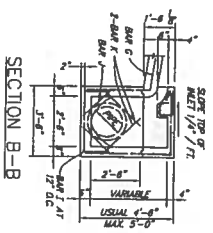
PLAN  
20 FOOT INLETS



SECTION C-C



SECTION D-D

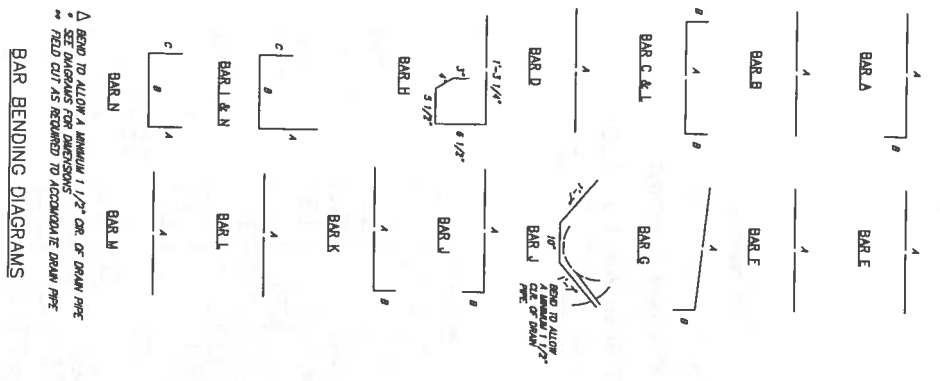


SECTION B-B

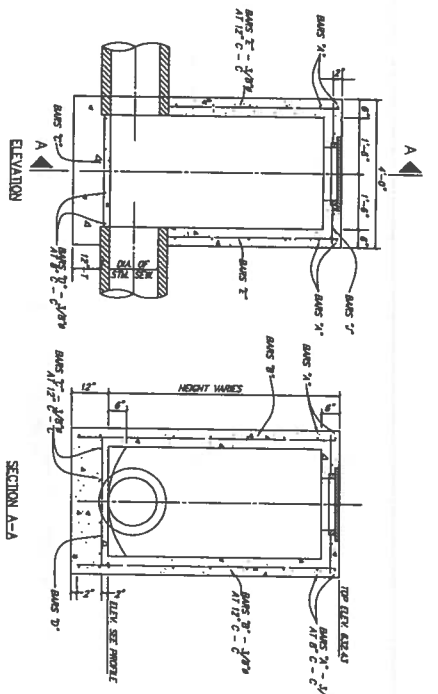
TABLE A  
DIMENSIONS SHOWN ARE FOR STANDARD SIZE INLETS

INLET LENGTH (1/8 IN.)	BAR NO.	BAR DIMENSIONS
6 FT.	A	3
6 FT.	B	3
6 FT.	C	3
6 FT.	D	3
6 FT.	E	3
6 FT.	F	3
6 FT.	G	3
6 FT.	H	3
6 FT.	I	3
6 FT.	J	3
6 FT.	K	3
6 FT.	L	3
6 FT.	M	3
6 FT.	N	3
7 FT.	A	3
7 FT.	B	3
7 FT.	C	3
7 FT.	D	3
7 FT.	E	3
7 FT.	F	3
7 FT.	G	3
7 FT.	H	3
7 FT.	I	3
7 FT.	J	3
7 FT.	K	3
7 FT.	L	3
7 FT.	M	3
7 FT.	N	3
8 FT.	A	3
8 FT.	B	3
8 FT.	C	3
8 FT.	D	3
8 FT.	E	3
8 FT.	F	3
8 FT.	G	3
8 FT.	H	3
8 FT.	I	3
8 FT.	J	3
8 FT.	K	3
8 FT.	L	3
8 FT.	M	3
8 FT.	N	3
10 FT.	A	3
10 FT.	B	3
10 FT.	C	3
10 FT.	D	3
10 FT.	E	3
10 FT.	F	3
10 FT.	G	3
10 FT.	H	3
10 FT.	I	3
10 FT.	J	3
10 FT.	K	3
10 FT.	L	3
10 FT.	M	3
10 FT.	N	3

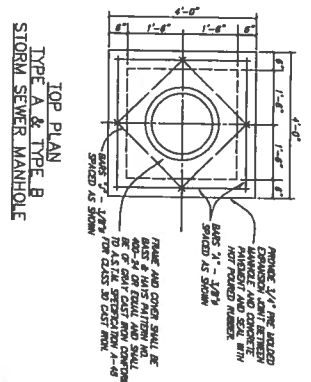
REINFORCING STEEL SCHEDULE



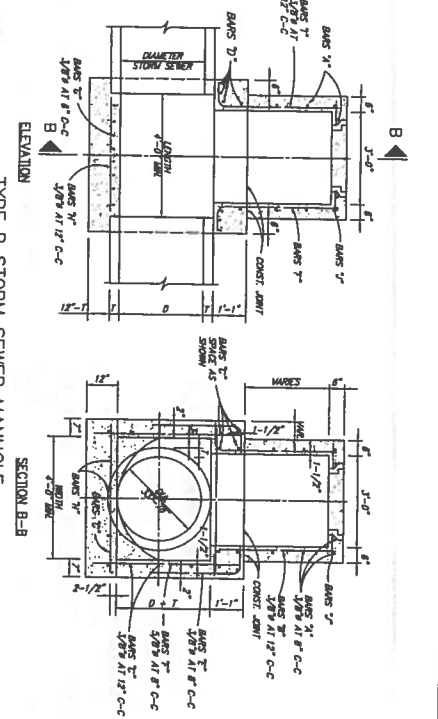
CITY OF FARMERSVILLE, TEXAS  
STANDARD CONSTRUCTION DETAILS  
STORM SEWER / INLET  
DATE: NOVEMBER, 2005  
SHEET: STD-10



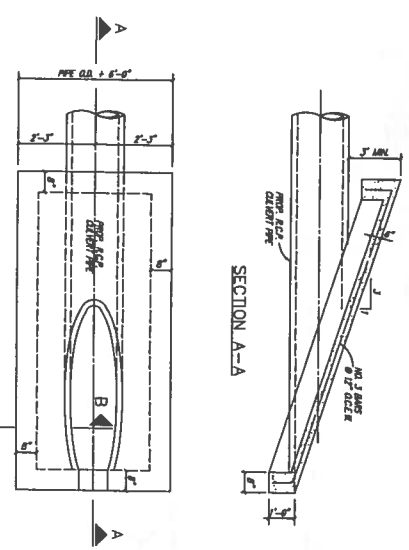
STORM SEWER TYPE A MANHOLE  
MAX. PIPE SIZE 30"



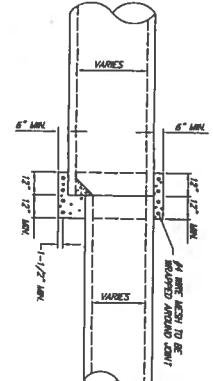
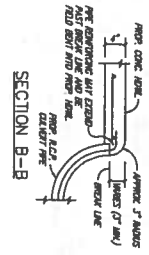
TYPE A & TYPE B  
STORM SEWER MANHOLE



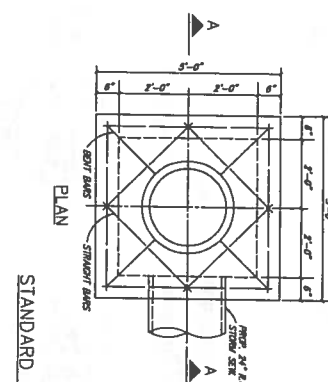
TYPE B STORM SEWER MANHOLE  
MAX. PIPE SIZE 78"



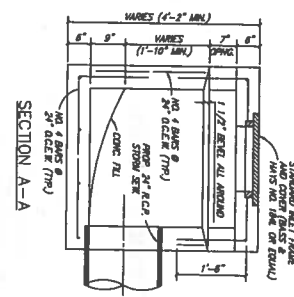
SLOPED CONCRETE HEADWALL



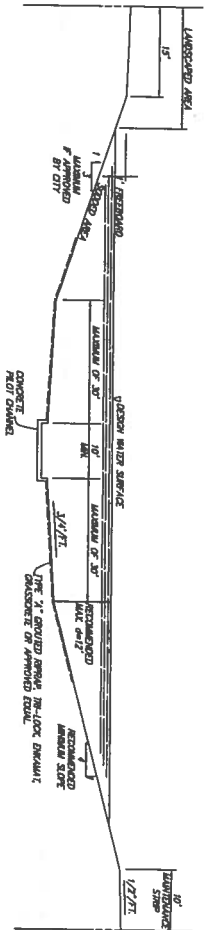
DETAIL OF CONCRETE COLLAR  
FOR R.C.P. OR R.C.A.P. CONNECTIONS  
INSIDE JOINT SHALL BE CONCRETE MORTAR



STANDARD DROP INLET

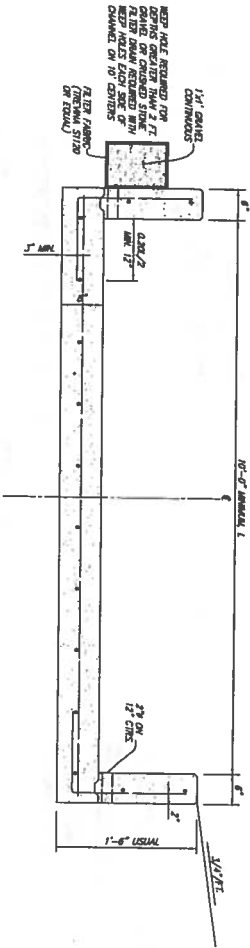


NO.	REVISION	BY	DATE
CITY OF WYLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
STORM SEWER / INLET / DETAILS			
DATE:	NOVEMBER, 2005	SHEET	STD-11

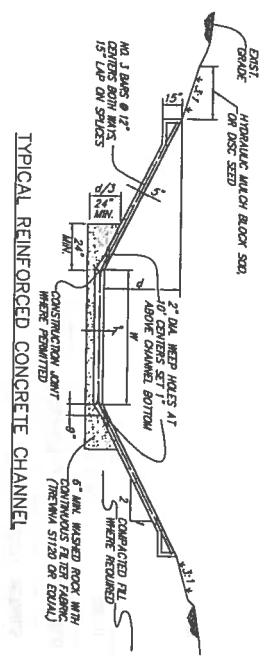


TYPICAL CHANNEL WITH REINFORCED CONCRETE LINED PILOT CHANNEL

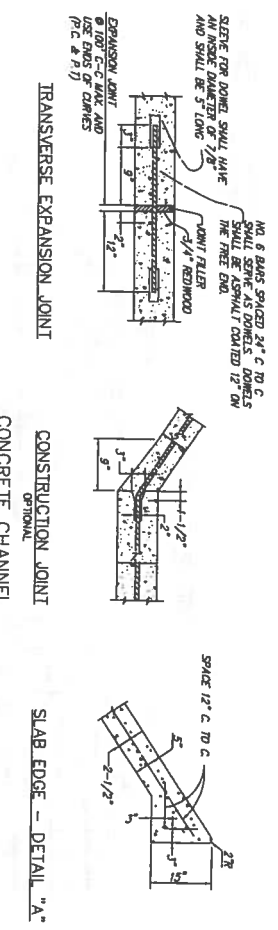
OPTIONAL (SLOPED WALL)



REINFORCED CONCRETE PILOT CHANNEL (VERTICAL WALL)



TYPICAL REINFORCED CONCRETE CHANNEL



TRANSVERSE EXPANSION JOINT

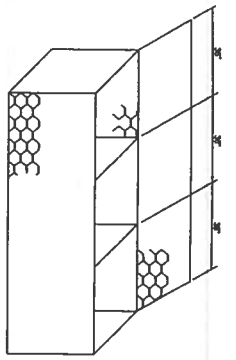
CONSTRUCTION JOINT  
OPTIONAL  
CONCRETE CHANNEL

SLAB EDGE - DETAIL "A"

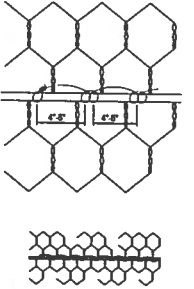
GENERAL NOTES FOR LINED CHANNELS

1. CONSTRUCTION JOINT SHOWN FOR CONVENIENCE ONLY; MODULATING CONSTRUCTION MAY BE USED.
2. ALL INSIDE SURFACES SHALL BE A TROWEL FINISH.
3. ALL REINFORCING STEEL SHALL BE 1/8" DIA. AND SPACED 12" CENTER TO CENTER BOTH MAIN MATS UNLESS OTHERWISE SPECIFIED.
4. IF HOOD FORMS ARE USED WITH CONSTRUCTION JOINT, THEY SHALL BE TND, 2"x4" AND SHALL NOT BE REMOVED UNTIL CONCRETE ON SLOPES IS READY TO BE PLACED.
5. ALL CONCRETE IN LINED CHANNEL SHALL BE AC208 CLASS "A" (MIN. 3000 P.S.I.) CONCRETE.
6. FLAT BOTTOM TO BE CONSTRUCTED WHEN CHANNEL HEIGHT IS LESS THAN 12 FEET.
7. 1/2" CHAMFER ON ALL CONCRETE CORNERS.

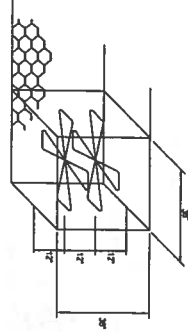
NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
CHANNELS / CONCRETE			
DATE:	NOVEMBER, 2005	PROJECT:	SPD-12



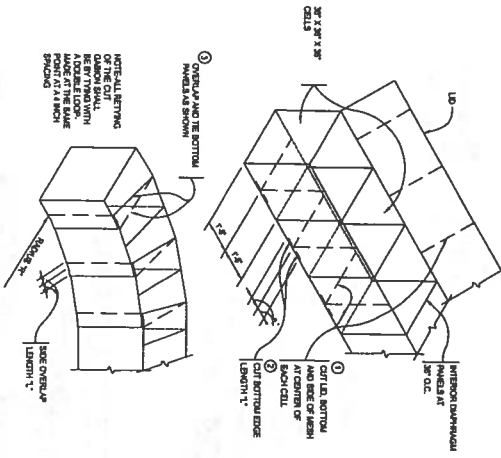
**GABION CONTAINER**  
 NOTE: GABION WALLS SHALL BE RETIED AND ALL TIES SHALL BE IN COMPLIANCE WITH DETAILS.



**GABION TIE**  
 NOTE: ALL TIES OF GABIONS SHALL BE AS SHOWN.

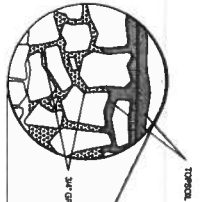


**INNER TIE WIRE**

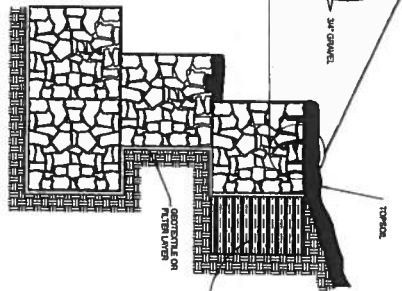


**GABION RADIUS PROCEDURE**

1. FORM TO GABION ABOUT FACE A LAYER OF GABION WALL AND THE TOP OF THE GABION WALL AND THE VOID BETWEEN THE GABION ROCKS.
2. SHEDD EXCESSIVE GRAVEL OFF THE GABION WITH A SHOULDRING FLUSH BELOW THE TOP OF THE GABION.
3. PLACE LAYER OF SOIL ON TOP OF THE GABION WALL AND TIES.
4. WATER TO SET THE SOIL INTO THE GABION.
5. PLACE FINAL LAYER OF TOPSOIL ON THE GABION TO A DEPTH OF SIX INCHES.



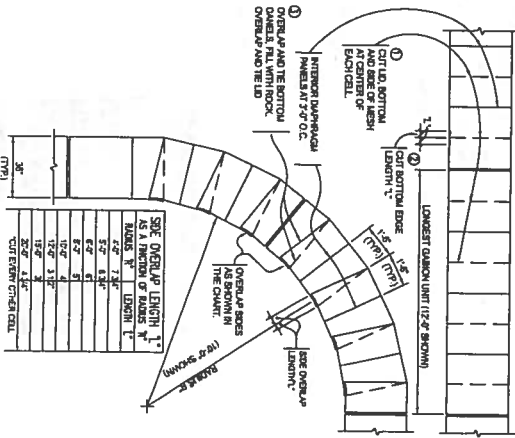
**TOPSOIL PLACEMENT PROCEDURE**



**SECTION**

NOTE: DO NOT USE SHARP TOOLS WHEN SPREADING TOPSOIL ON GABIONS.

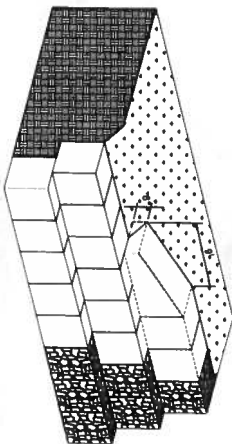
**VEGETATED GABION WALL TOPSOIL PLACEMENT**



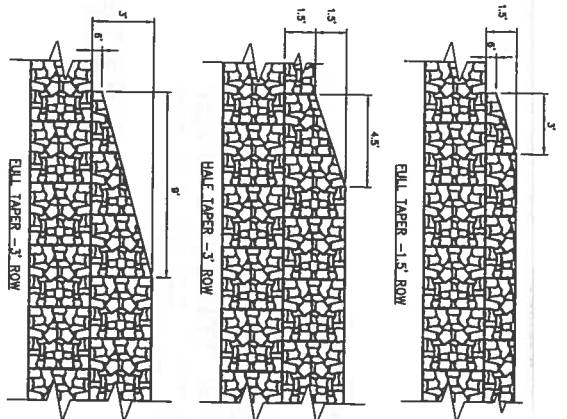
**GABION RADIUS PROCEDURE**

SIZE OVERLAP LENGTH AS A FUNCTION OF RADIUS	BLANK	OVERLAP LENGTH
15'-0"	1'-0"	1'-0"
12'-0"	1'-0"	1'-0"
9'-0"	1'-0"	1'-0"
6'-0"	1'-0"	1'-0"
3'-0"	1'-0"	1'-0"
1'-0"	1'-0"	1'-0"

**STANDARD TAPER FOR WALL HEIGHTS TRANSITIONS**



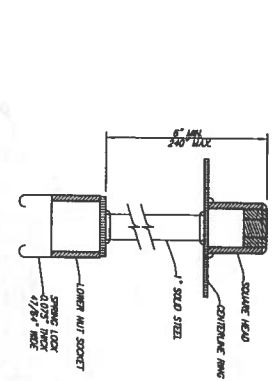
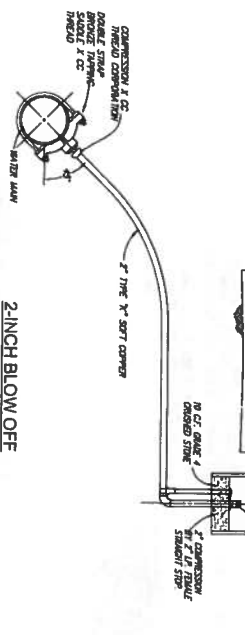
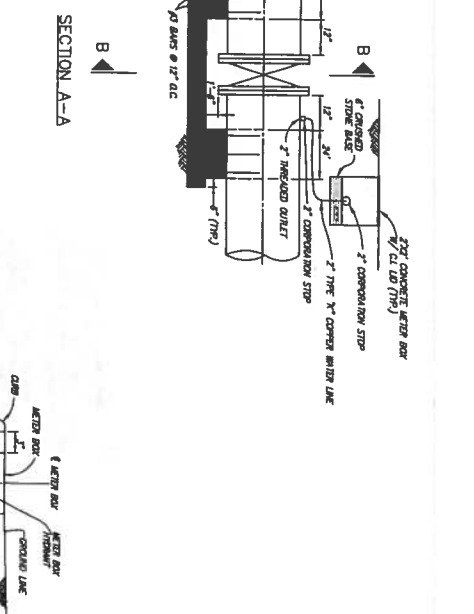
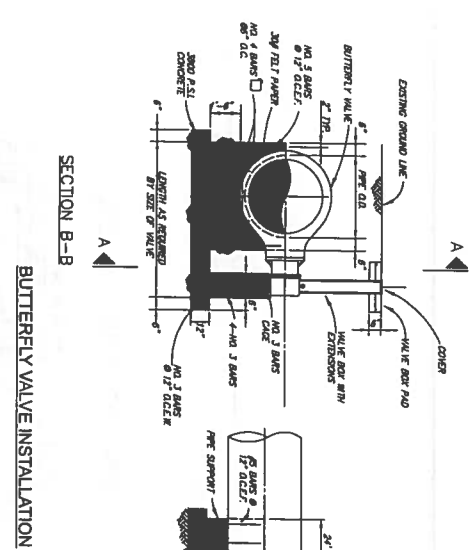
**TAPERED WALL HEIGHT TRANSITION**



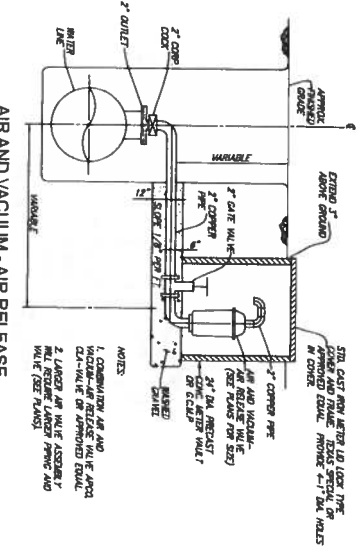
NO.	NOVEMBER	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
CHANNELS / GABIONS			
DATE	NOVEMBER, 2005	SCALE	STD-13



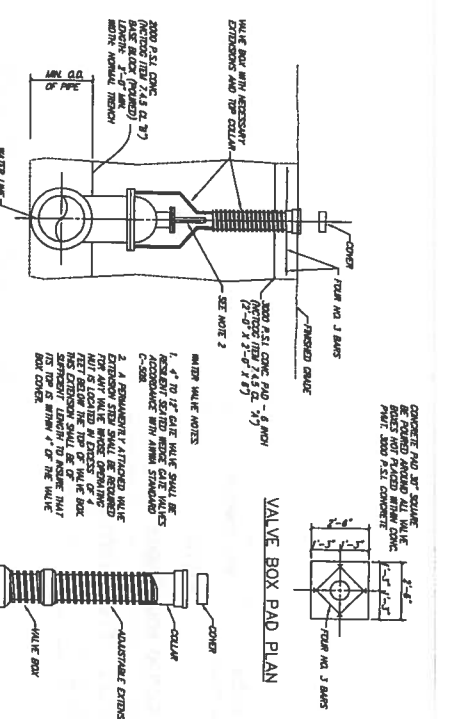




SPRING LOCK VALVE EXTENSION

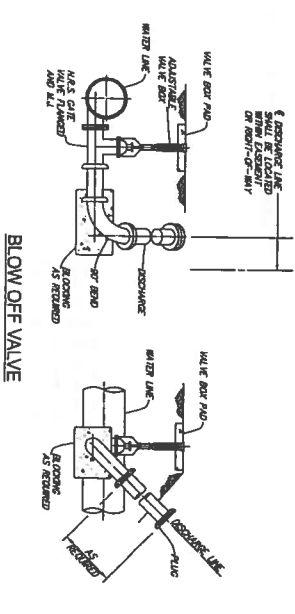


AIR AND VACUUM - AIR RELEASE VALVE INSTALLATION



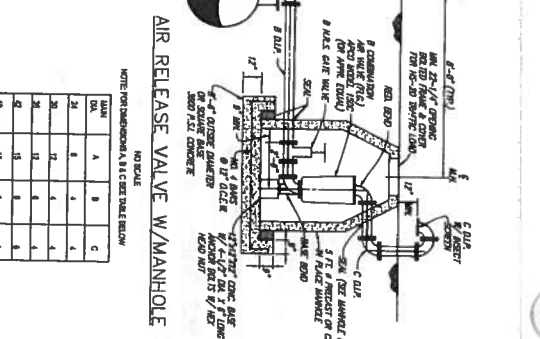
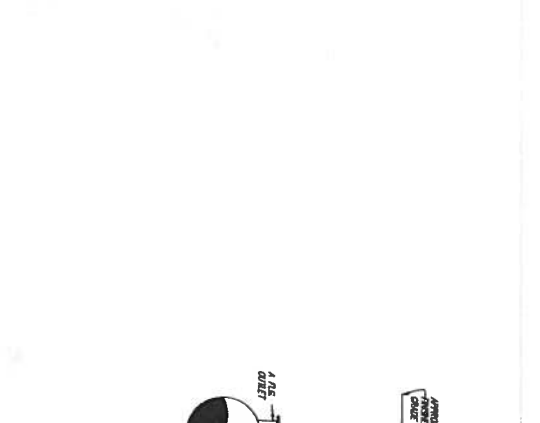
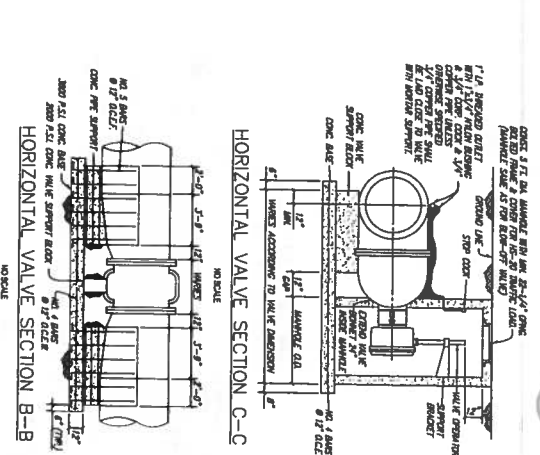
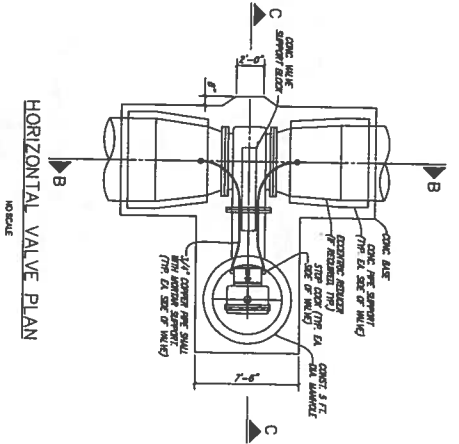
VALVE SETTING & BOX GATE VALVE INSTALLATION

VALVE BOX WITH EXTENSION



BLOW OFF VALVE

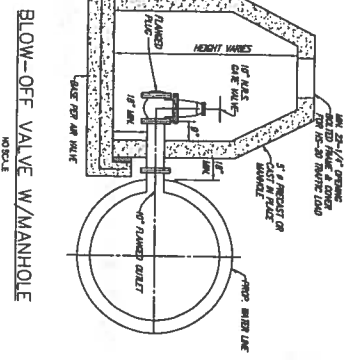
NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
WATER			
DATE:	NOVEMBER, 2005	SHEET	STD-15



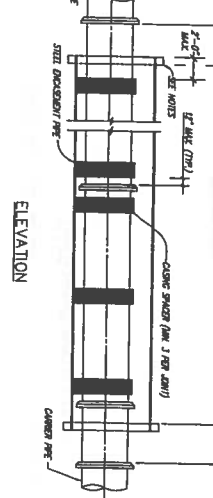
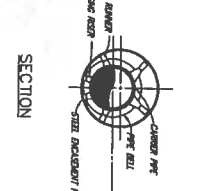
NOTE FOR DIMENSIONS A, B & C SEE TABLE BELOW

VALVE DIA.	A	B	C
18"	11"	11"	11"
24"	15"	15"	15"
30"	19"	19"	19"
36"	23"	23"	23"
42"	27"	27"	27"
48"	31"	31"	31"
54"	35"	35"	35"

- GENERAL NOTES FOR GENERAL LOCATIONS OF THIS DRAWING
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF FARMERSVILLE, TEXAS.
  - PERMITS TO EXCAVATE AND INSTALL SHALL BE OBTAINED FROM THE CITY OF FARMERSVILLE, TEXAS.
  - REPLACEMENT OF AIR RELEASE VALVE SHALL BE INSTALLED WITH NEW CONSTRUCTION OPERATIONAL VALVES (OTHER THAN SPECIALLY MANUFACTURED VALVES) INSTALLED IN THE CITY.



- NOTES
- 1) 3" WORTER BANDS MAY BE USED IN LIEU OF CASING SPACERS FOR R.C.P.P.
  - 2) CONTRACTOR SHALL PROVIDE SUPPORT UNDER CASING SPACERS FOR R.C.P.P.
  - 3) DIAS OF ENCASMENT PIPE SHALL BE PLACED BETWEEN PIPE BELL AND ENCASMENT PIPE CROSSINGS AND ONLY FOR INVAHANT ENCASMENTS.
  - 4) CONTRACTOR SHALL FINISH & INSTALL A PERMANENT CASING SPACERS PERMIT FOR RECONSTRUCTION CASING SPACERS SHALL BE AS MANUFACTURED BY P.S.T. OR APPROVED EQUAL.



CITY OF FARMERSVILLE, TEXAS

STANDARD CONSTRUCTION DETAILS

WATER

NO. \_\_\_\_\_

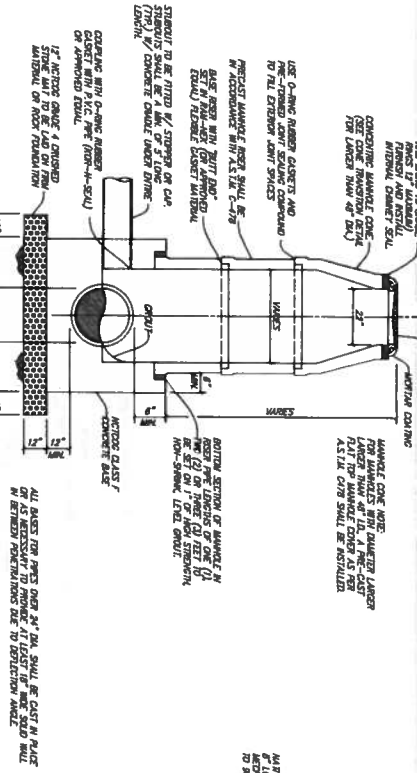
DATE NOVEMBER 2005

SHEET STD-16



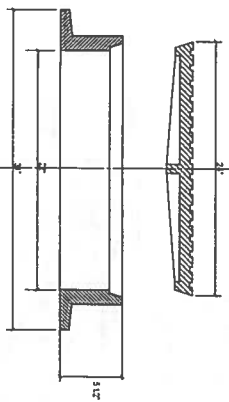
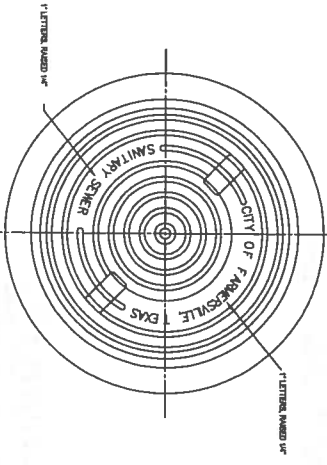


IF A 24" DIA. PRECAST REINFORCED CONCRETE RING AND COVER IS USED, THE RING AND COVER SHALL BE CAST IN PLACE AND SHALL BE CAST WITH REINFORCING BARS AND SHALL BE CAST WITH AN INTERIOR CONCRETE RING. THE RING SHALL BE CAST WITH AN INTERIOR CONCRETE RING.



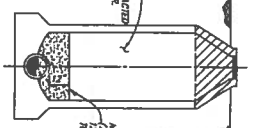
**PRECAST CONCRETE MANHOLE**

NOTE: ALL DIMENSIONS IN PRECAST MANHOLE SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED.

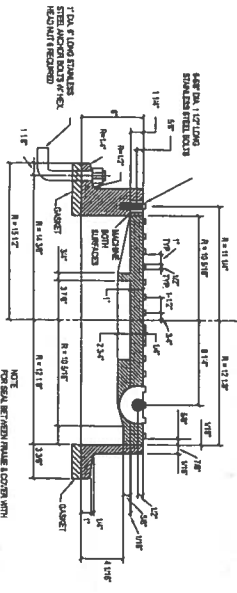
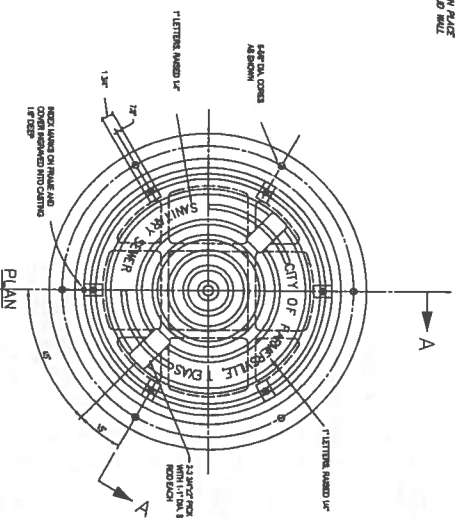


MANHOLE RING AND COVER WITH LOCKING DEVICE & ROCK SPOTS

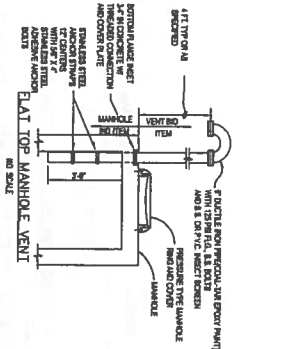
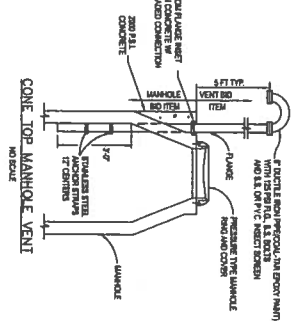
REINFORCING BARS SHALL BE CAST WITH AN INTERIOR CONCRETE RING. THE RING SHALL BE CAST WITH AN INTERIOR CONCRETE RING.



**MANHOLE ABANDONMENT OUTSIDE PAVEMENT AREA**

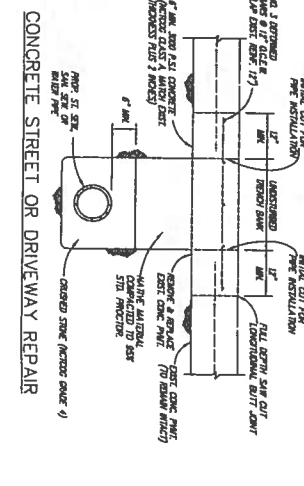
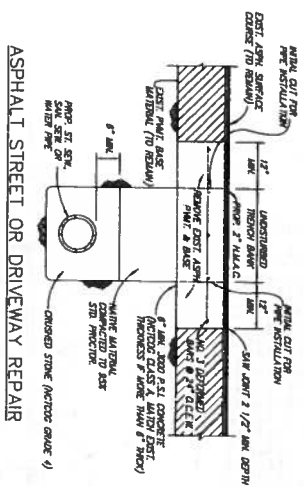
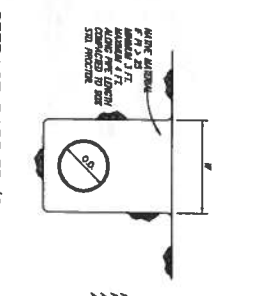
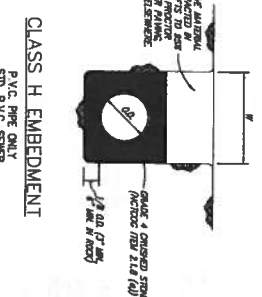
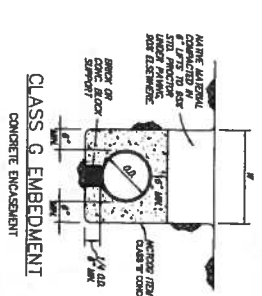
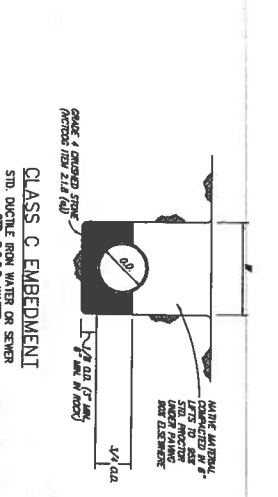
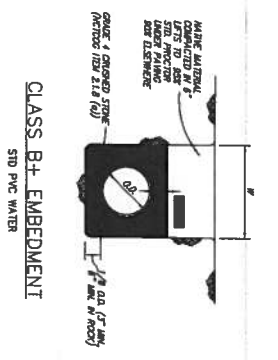
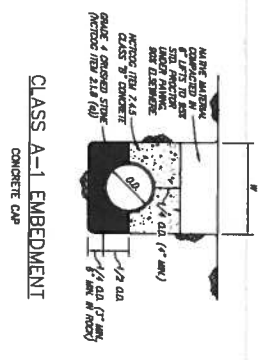
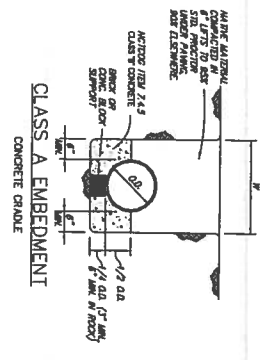


**PRESSURE TYPE MANHOLE FRAME AND COVER**



NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
SANITARY SEWER / MANHOLES			
DATE:	NOVEMBER, 2005	SCALE:	STD-10

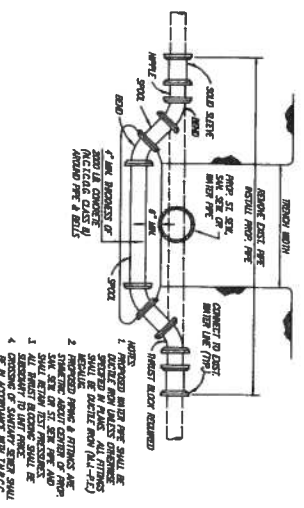




GRADE 4 CRUSHED STONE GRADATION

SCALE SIZE	% RETAINED
1-1/2" NCH	0-5
1" NCH	40-75
1/2" NCH	80-100
NO. 8	95-100

**WATER MAIN LOWERING**



1. EXISTING WATER PIPE SHALL BE EXPOSED IN PLACE. ALL FITTINGS SHALL BE REPAIRED AND ALL FITTINGS SHALL BE REPAIRED WITH (A.S.T.M. A133) REPAIRS.
2. EXISTING WATER PIPE SHALL BE EXPOSED IN PLACE. ALL FITTINGS SHALL BE REPAIRED AND ALL FITTINGS SHALL BE REPAIRED WITH (A.S.T.M. A133) REPAIRS.
3. ALL EXISTING FITTINGS SHALL BE REPAIRED TO MEET THE REQUIREMENTS OF THE A.S.T.M. A133 SPECIFICATION.
4. ALL EXISTING FITTINGS SHALL BE REPAIRED TO MEET THE REQUIREMENTS OF THE A.S.T.M. A133 SPECIFICATION.

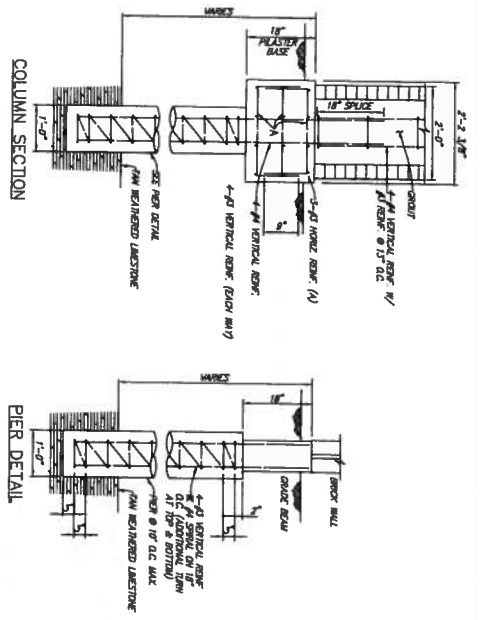
NO.	REVISION	BY	DATE
<b>CITY OF FARMERSVILLE, TEXAS</b>			
<b>STANDARD CONSTRUCTION DETAILS</b>			
<b>TYPICAL EMBEDMENTS</b>			
DATE:	NOVEMBER, 2005	SHEET	STD-21

NOTE: TRENCH WIDTH SHALL BE MINIMUM 18" GREATER THAN PIPE O.D. MAXIMUM 36" GREATER THAN PIPE O.C.

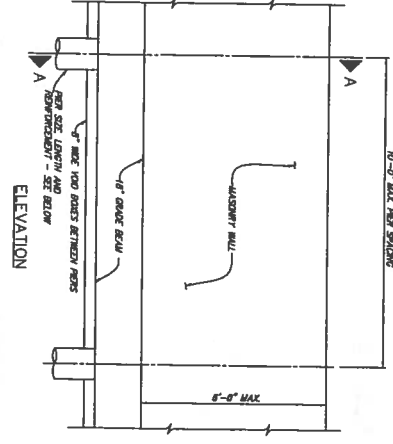




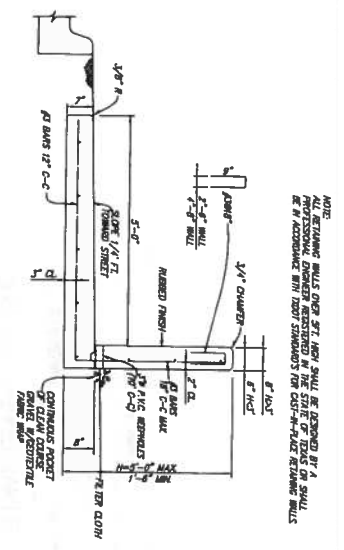
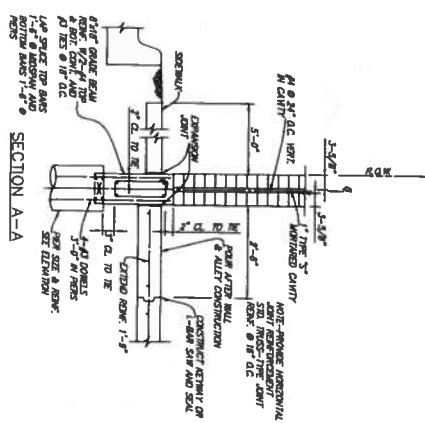
### SCREENING WALL



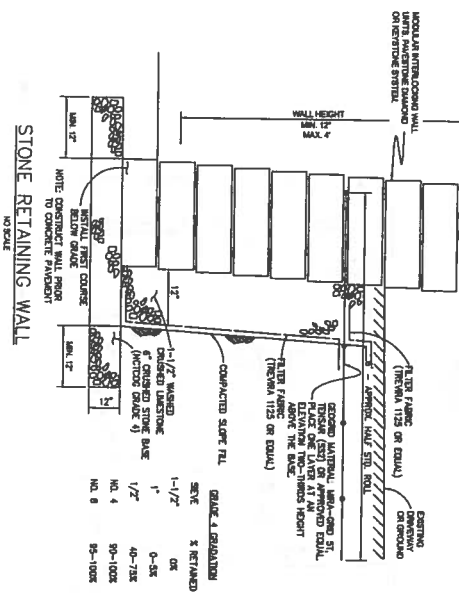
- GENERAL NOTES**
1. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS
  2. REINFORCEMENT - ASTM A 36
  3. MASONRY - COMPRESSIVE STRENGTH SHALL BE AS PRESCRIBED IN 1013.2.8 SPECIAL PROVISIONS
  4. MAX. LOAD - 20 P.S.F.
  5. PER BEARING STRESS - SEE BRICK SCREENING WALL NOTES
  6. APPROX - 17% 3"
  7. PROVIDE EXPANSION JOINTS AT 20' FT.
  8. PROVIDE MAX. 8" FT. W/ 3/4" DIA. BELL IN CASE OF OTHER MATERIAL EXCEPT BUILT SHALL BE MAX. WITH 3" MAX. INTO BUILT SHALL
  9. ALL EXPOSED CONCRETE SHALL BE FINISHED FINISHED SURFACE
  10. SPRECCLES ALLOWED TO BUILT MUST BE 3'-0" DIA. WITH 1/4" FROM ALL PORTIONS OF THE WALL (INCLUDES FALSTERS, COULERS, ETC.)
  11. MALS SHALL NOT BE PLACED IN THE IMMEDIATE VICINITY OF STREET EAVE
  12. THE WALL SHALL BE A MINIMUM OF 20' FEET IN HEIGHT AS REQUIRED FROM THE
  13. THE WALL SHALL BE BUILT TO FACE FROM THE STREET. THE COLOR OF THE WALL SHALL BE MATCHED TO EXISTING WALLS OR TO A HORIZONTAL LINE WITH THE EXISTING EXTERIOR. THE FINISH OF THE WALL SHALL BE CONSIDERED ON ALL SURFACES
  14. 3" W/ 3/4" DIA. BELL TO BE UTILIZED ON REINFORCED SCREENING. ALL WROUGHT IRON MUST BE SIZED STOCK AND TOLERANCE STEEL WILL BE ALLOWED



- DRILLED PIERS 12" DIA. BORE W/ 4-#5 VERT. & #4 BORE @ 18" O.C. MINIMUM LENGTH OF PIER IS 5'-0" FROM BOTTOM MAY BE OTHER ON THE TWO ALTERNATES**
1. 12" DIA. SHAFT EMBEDDED MINIMUM 3'-0" INTO BLUE SHALE
  2. RESULTING BEARING STRESS IS 4.0 KIPS PER SQUARE FOOT
  3. 12" DIA. SHAFT W/ 24" DIA. BELL IN CLAY - RESULTING BEARING STRESS IS 2.0 KIPS PER SQUARE FOOT
  4. SEE GENERAL NO. 9
- BRICK SCREENING WALL**



**TYPE 6 RETAINING WALL**



**STONE RETAINING WALL**

NO.	REVISION	BY	DATE
CITY OF FARMERSVILLE, TEXAS			
STANDARD CONSTRUCTION DETAILS			
BRICK SCREENING / RETAINING			
DATE:	NOVEMBER, 2005	DRAWN	STP-23

