

GENERAL NOTES

1. INSTALLATION OF PRECAST STRUCTURES SHALL BE PER MANUFACTURERS INSTRUCTIONS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRE-CAST STRUCTURES TO ENGINEER PRIOR TO ORDERING MATERIALS.
2. PRECAST STRUCTURE, RING, AND COVER SHALL BE DESIGNED FOR H-20 WHEEL LOADING.
3. PLACE RAMNEK OR EQUAL GASKET MATERIAL BETWEEN PRECAST STRUCTURE SECTIONS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. CEMENT STABILIZED SAND SHALL CONTAIN A MINIMUM OF 1.5 SACKS OF CEMENT PER CUBIC YARD. SAND SHALL BE SP, SW OR SM PER USC (ASTM D2487) AND SHALL HAVE THE FOLLOWING PROPERTIES: LESS THAN 15% PASSING #200 SIEVE; LESS THAN 2% CLAY LUMPS; PI < 7; LL < 25.
5. PROVIDE CONCRETE FOR PRECAST MACHINE-MADE UNITS MEETING REQUIREMENTS OF ASTM C 76 REGARDING REINFORCED CONCRETE, CEMENT, AGGREGATE, MIXTURE, AND CONCRETE TEST. MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE 4000 PSI.

City of BRENHAM STANDARD CONSTRUCTION DETAILS
5' CURB INLET

DATE: 07/20/21	REVISED DATE: 07/20/21
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City of BRENHAM STANDARD CONSTRUCTION DETAILS
STORM SEWER JUNCTION BOX

DATE: 07/20/21	REVISED DATE: 07/20/21
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GENERAL NOTES

1. NEW PIPE TO BE SET FLUSH WITH INSIDE WALL OF STRUCTURE.

City of BRENHAM STANDARD CONSTRUCTION DETAILS
GROUTED STORM SEWER CONNECTION DETAIL

DATE: 07/20/21	REVISED DATE: 07/20/21
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GENERAL NOTES

1. GUTTER DEPRESSION SHALL NOT BE LOCATED WITHIN THE AREA OF A CURB RAMP/LANDING OR DRIVEWAY.

City of BRENHAM STANDARD CONSTRUCTION DETAILS
GUTTER DEPRESSION AT CURB INLET

DATE: 07/20/21	REVISED DATE: 07/20/21
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GENERAL NOTES

1. ADDITIONAL REQUIREMENTS APPLY FOR DRIVEWAYS ON TxDOT OWNED ROADWAYS.
2. BACKFILL WITH CEMENT STABILIZED SAND. CEMENT STABILIZED SAND SHALL CONTAIN A MINIMUM OF 1.5 SACKS OF CEMENT PER CUBIC YARD. SAND SHALL BE SP, SW OR SM PER USC (ASTM D2487) AND SHALL HAVE THE FOLLOWING PROPERTIES: LESS THAN 15% PASSING #200 SIEVE; LESS THAN 2% CLAY LUMPS; PI < 7; LL < 25. COMPACT BY VIBRATORY EQUIPMENT TO 95% STANDARD (ASTM D558).
3. SET UPSTREAM AND DOWNSTREAM FLOW LINES TO MATCH EXISTING DITCH GRADE.
4. AFTER EXCAVATION AND PRIOR TO SETTING PIPE, CONTACT CITY TO INSPECT AND VERIFY FINAL ELEVATIONS.

City of BRENHAM STANDARD CONSTRUCTION DETAILS
RESIDENTIAL DRIVEWAY CULVERT

DATE: 07/20/21	REVISED DATE: 10/07/21
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