



**NOTES:**

1. REINFORCED CONCRETE SLAB TO BE POURED IN DRY TRENCH ONLY.
2. CONCRETE SLAB TO REACH MIN COMPRESSIVE STRENGTH OF 1,000 PSI BASED ON MIX DESIGN BEFORE BOX IS LAID.
3. WHERE MULTIPLE BOX SEWERS ARE USED IN THE SAME TRENCH, MIN OUTSIDE TO OUTSIDE BOX SEWER SEPARATION SHALL BE 6".
4. THIS BEDDING DETAIL TO BE USED FOR ALL LOCATIONS WHERE SOIL CONDITIONS DO NOT CONFORM TO FOLLOWING REQUIREMENTS:
  - A. STRATA FROM SPRING LINE (CENTER) TO 3 FT. BELOW THE FLOWLINE OF THE BOX TO CONSIST OF NON-WATERBEARING COHESIVE SOIL HAVING A SHEAR STRENGTH OF 1000 PSF OR GREATER.
  - B. NO WET SAND STRATA TO EXIST IN THE AREA FROM 1 FT. ABOVE THE TOP OF THE BOX TO 3 FT. BELOW THE FLOW LINE.
5. ALTERNATE TRENCH BOTTOM TREATMENT MAY BE USED AS APPROVED BY THE CITY ENGINEER AND AS PAID FOR IN THE PROPOSAL.

6. SELECT BACKFILL FOR RIGID PAVEMENT; FLEXIBLE BASE MATERIAL FOR ASPHALT PAVEMENT.

CULVERT SIZE (FT)	FOUNDATION DEPTH (IN)
3' x 2' TO 6' x 6'	12
6' x 6' AND LARGER	18

NOT TO SCALE

**CITY OF TOMBALL**  
ENGINEERING & PLANNING DEPARTMENT

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**PRECAST CONCRETE BOX WITH SEAL SLAB**

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APPROVED BY COT:

ENGINEERING & PLANNING DEPARTMENT  
EFFECTIVE SEPTEMBER 7, 2017

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SHEET 001 OF 001      DWG NO: COT STM-07

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