

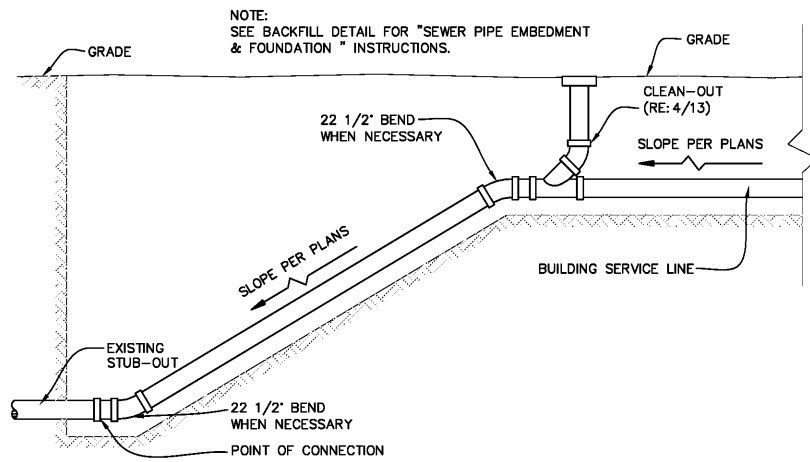
7 DESCRIPTION OF EMBEDMENT MATERIALS

SOIL CLASS	USCS SOIL TYPE	DESCRIPTION OF MATERIAL CLASSIFICATION
CLASS I SOILS	—	MANUFACTURED ANGULAR, GRANULAR MATERIAL, 1/4" TO 1-1/2" SIZE, SUCH AS CRUSHED STONE OR ROCK, OR CRUSHED SHELLS.
CLASS II SOILS	GW	WELL-GRADED GRAVELS AND GRAVEL-SAND MIXTURES.
	GP	POORLY GRADED GRAVELS AND GRAVEL-SAND MIXTURES.
	SW	WELL-GRADED SANDS AND GRAVELLY SANDS.
	SP	POORLY GRADED SANDS AND GRAVELLY SANDS.

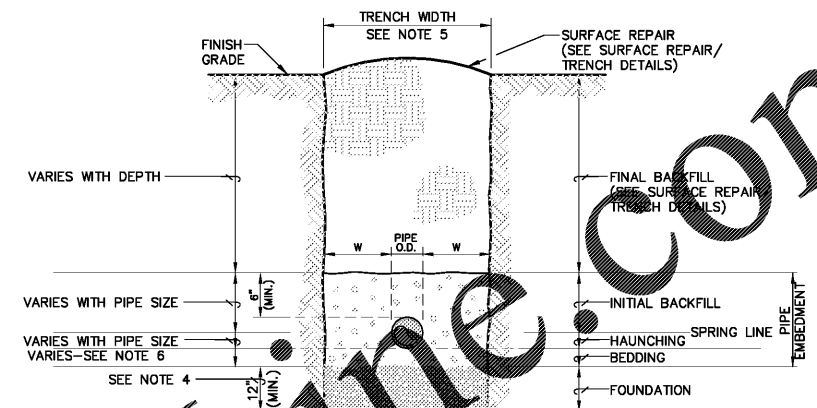
NOTES:

1. BEDDING & HAUNCHING MATERIAL SHALL BE CLASS I OR CLASS II MATERIALS PER A.S.T.M. D2321 AS SHOWN ON "DESCRIPTION OF EMBEDMENT MATERIALS". BEDDING & HAUNCHING SHALL BE PLACED IN 4" LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
2. INITIAL BACKFILL MATERIAL SHALL BE CLASS I OR CLASS II MATERIALS PER A.S.T.M. D2321 AS SHOWN ON "DESCRIPTION OF EMBEDMENT MATERIALS". INITIAL BACKFILL SHALL BE PLACED IN 4" LOOSE LIFTS AND COMPACTED WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
3. FINAL BACKFILL MATERIAL SHALL BE FREE FROM LARGE ROCKS, LUMPS OF CLAY AND FOREIGN MATTER. FINAL BACKFILL SHALL BE INSTALLED AS SHOWN ON "SURFACE REPAIR / TRENCH DETAILS".
4. FOUNDATION MATERIAL SHALL BE REQUIRED. FOUNDATION MATERIAL SHALL CONFORM TO LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES - 2008 EDITION, SECTION 1003.08. TO PREVENT MIGRATION OF MATERIALS, THE VOID RATIO OF THE BEDDING AND HAUNCHING MATERIALS SHALL BE EQUAL TO OR LESS THAN THE VOID RATIO OF THE FOUNDATION MATERIAL.
5. MAXIMUM TRENCH WIDTHS SHALL CONFORM TO THE FOLLOWING:

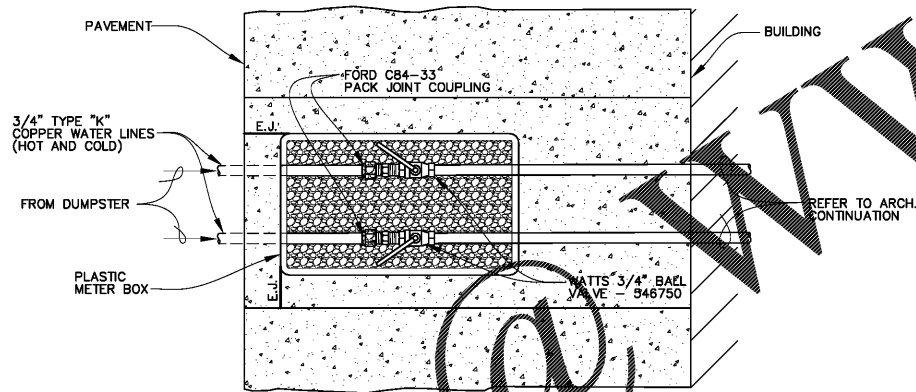
PIPE SIZES	"W"
LESS THAN 24"	10" MAX.
24" TO 42"	12" MAX.
GREATER THAN 42"	24" MAX.
6. THE DEPTH OF BEDDING MATERIAL MEASURED FROM THE INVERT OF THE PIPE SHALL BE 4" MINIMUM FOR PIPE UP TO 27" DIAMETER & 8" MINIMUM FOR PIPE LARGER THAN 27" DIAMETER.
7. ANY SHEETING DRIVEN BELOW THE INVERT OF PIPE SHALL BE LEFT IN PLACE. ANY SHEETING LEFT IN PLACE SHALL BE CUT OFF AT 24" BELOW FINISHED GRADE.
8. ALL PIPE SHALL BE INSTALLED WITH BELL END FACING UPSTREAM.



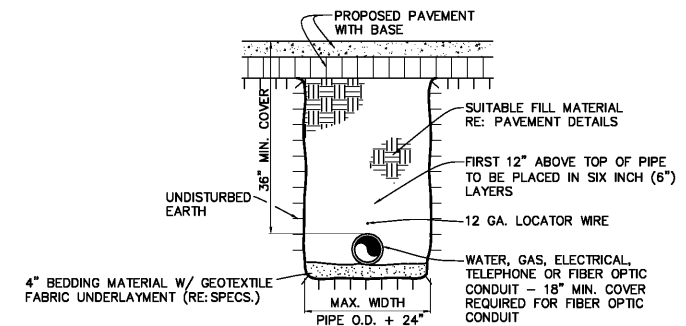
9 SANITARY SEWER SERVICE CONNECTION TO EXISTING STUB-OUT
N.T.S.



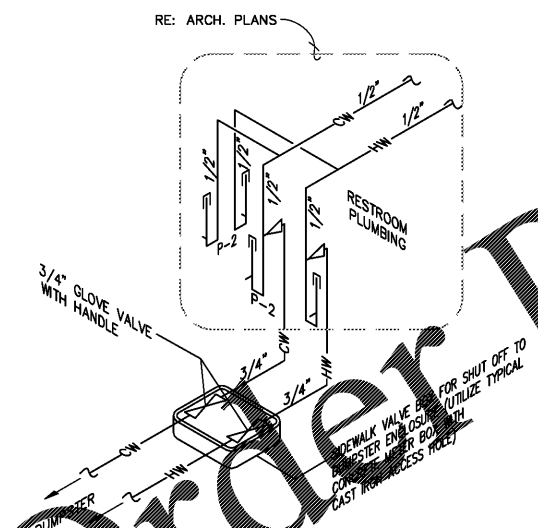
3 GRAVITY SEWER PIPE EMBEDMENT AND FOUNDATION DETAILS
N.T.S.



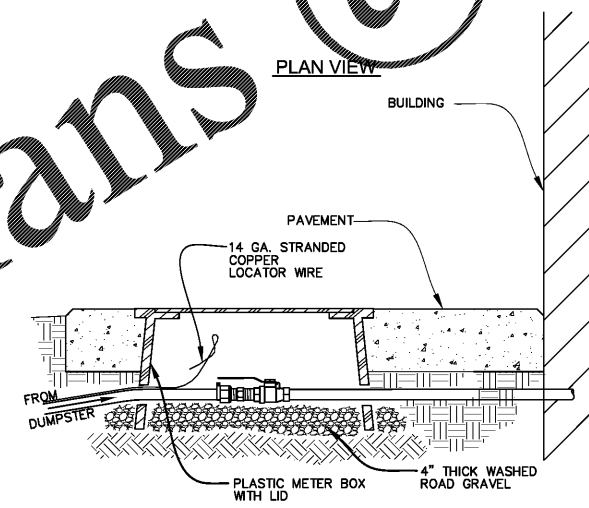
5 UNIMPROVED SURFACE / TRENCH DETAIL
N.T.S.



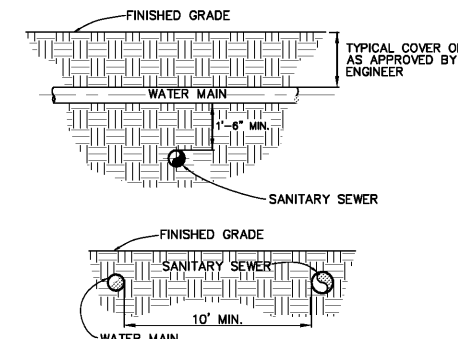
2 IMPROVED SURFACE / TRENCH DETAIL
N.T.S.



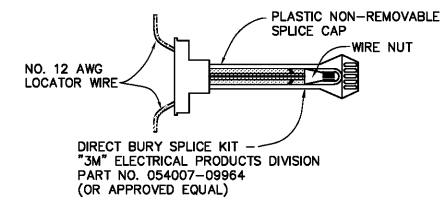
8 DUMPSTER ENCLOSURE HOT-COLD WATER CUT OFF
N.T.S.



6 VALVE BOX DETAIL
N.T.S.



4 WATER / SANITARY SEWER CLEARANCES
N.T.S.



1 LOCATOR WIRE SPLICE DETAIL
N.T.S.

UTILITY DETAILS

THIS DRAWING IS APPROVED FOR CONSTRUCTION.
 THIS DRAWING IS NOT APPROVED FOR CONSTRUCTION.

DRAWN BY: *P/AF*
DATE:

REVISION	DATE
CHECKED	T.C.D
BOOK NO.	N/A
JOB NO.	

DWG. NO. 10893
SCALE SHOWN 12833

OWNER: **KERGAN BROTHERS - SONIC DRIVE-IN RESTAURANT**
PROJECT: **SONIC DRIVE-IN RESTAURANT #6679**
6808 SIEGEN LANE
BATON ROUGE, LA 70809

SHEET NUMBER
13
OF 14

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THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



CALL LOUISIANA ONE CALL - JUST DIAL 811
LOUISIANA STATE LAW, SECTION R.S. 40:1749.15, REQUIRES EXCAVATORS AND DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

THESE DRAWINGS DO NOT INCLUDE COMPONENTS FOR CONSTRUCTION SAFETY.

SCALE NOTE
SCALE BAR SHOWN IS ONE INCH LONG AT FULL SCALE WHEN SCALING DRAWINGS. MEASURE BAR TO DETERMINE IF SCALE SHOWN WILL REQUIRE ADJUSTING.

