

PAVING NOTES:

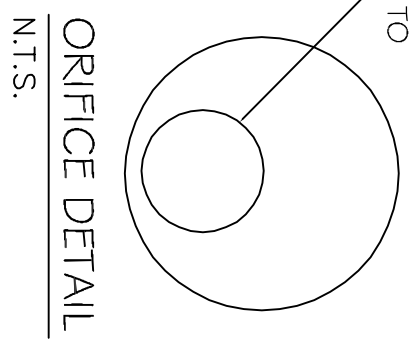
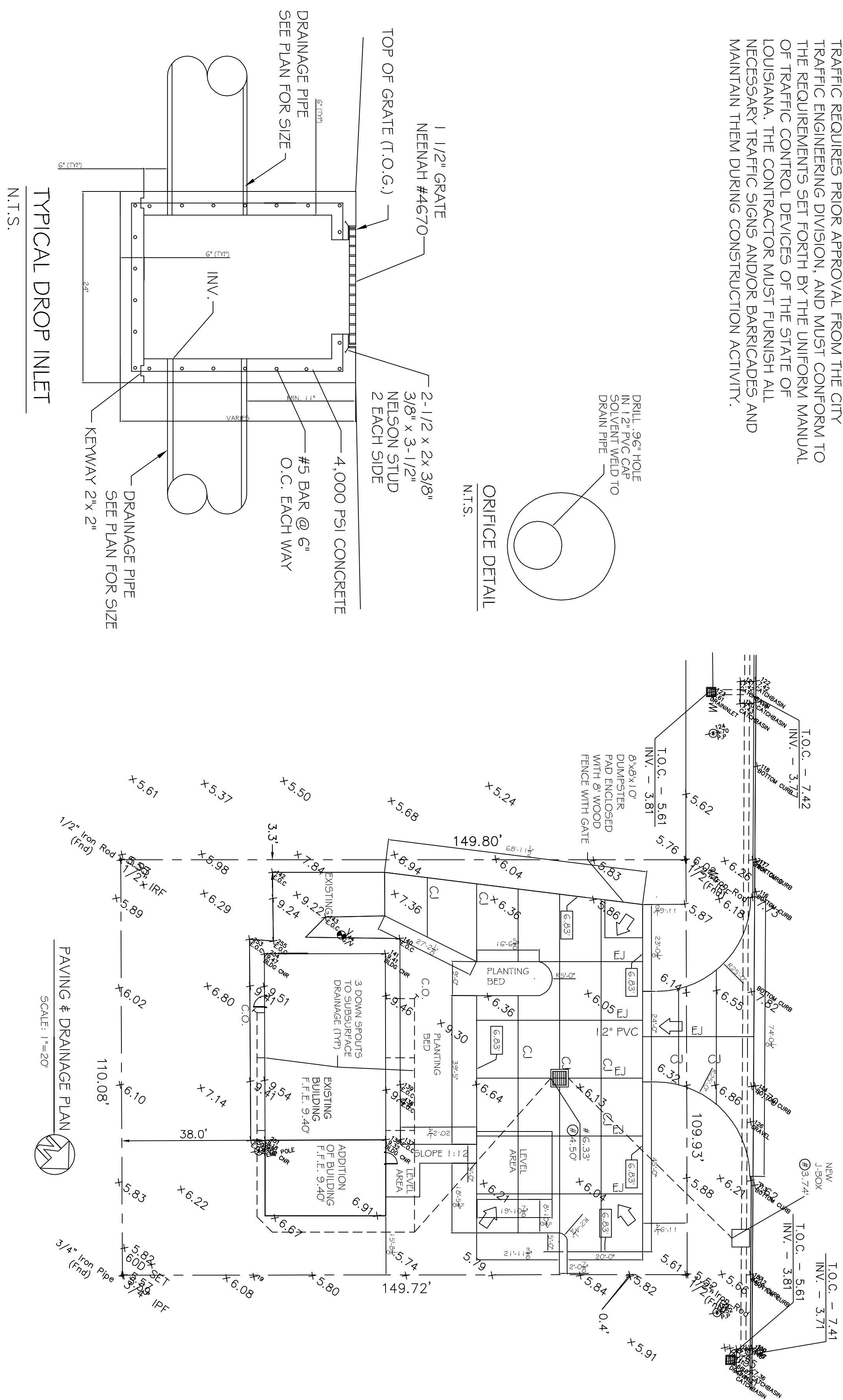
- 1) ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 5". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
- 2) CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
 - a) DRIVEWAYS = 7" THICKNESS
 - b) DRIVEWAYS = 6" THICKNESS
 - c) PARKING AREAS = 5" THICKNESS
- 3) ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- 4) ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 5) ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
- 6) CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
- 7) ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEERING DIVISION, AND MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

LEGEND

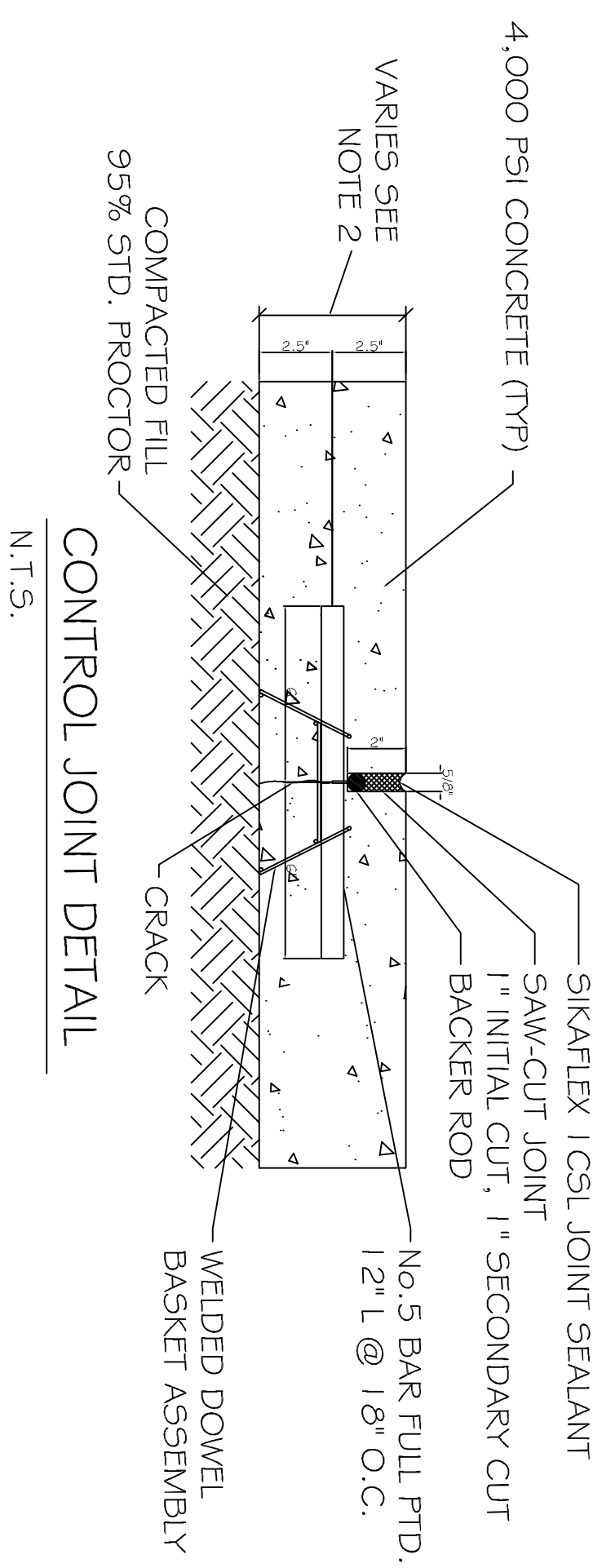
- PROPERTY LINE
- SETBACK LINE
- BUFFER ZONE LINE
- UTIL. EASEMENT LINE
- CONTROL JT. 10x15
- EXPANSION JT. 30x45
- ↔ SHEET FLOW ARROW
- ⬆️ - INVERT ELEVATION
- ⊕0.00' - TOP OF GRATE ELEVATION
- ⊖0.00' - NEW ELEVATION

DRAINAGE PLAN NOTES:

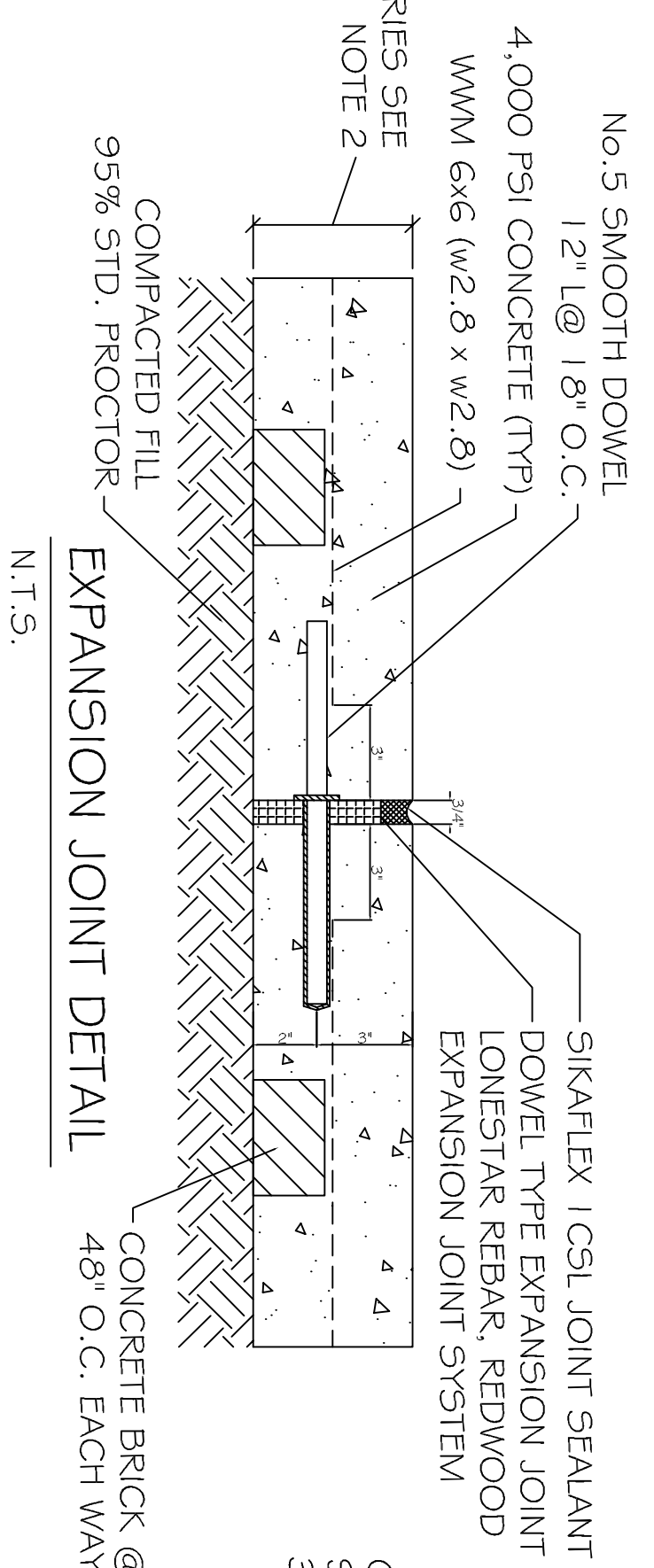
1. ELEVATIONS SHOWN ARE M.S.L.
2. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
3. THERE IS NO EVIDENCE OF EXISTING OFF-SITE FLOW CROSSING THE PROPERTY.



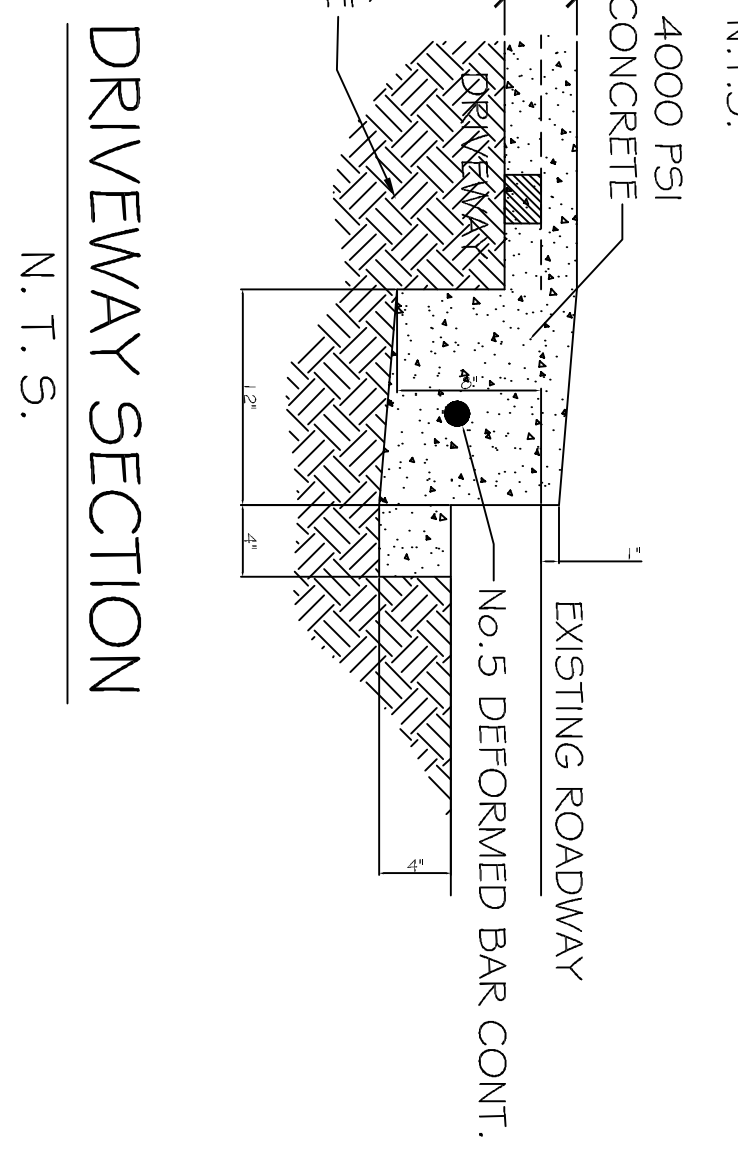
TYPICAL DROP INLET
N.T.S.



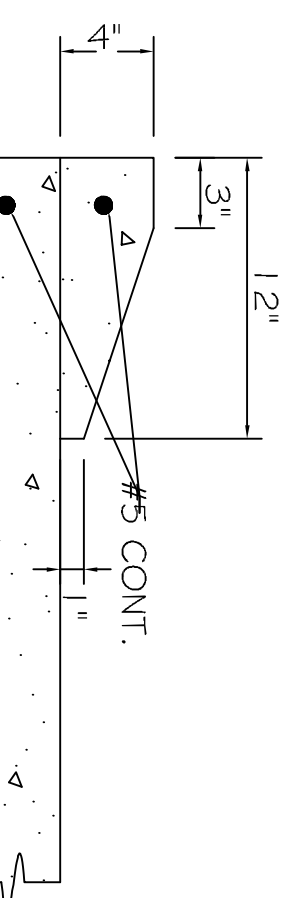
CONTROL JOINT DETAIL
N.T.S.



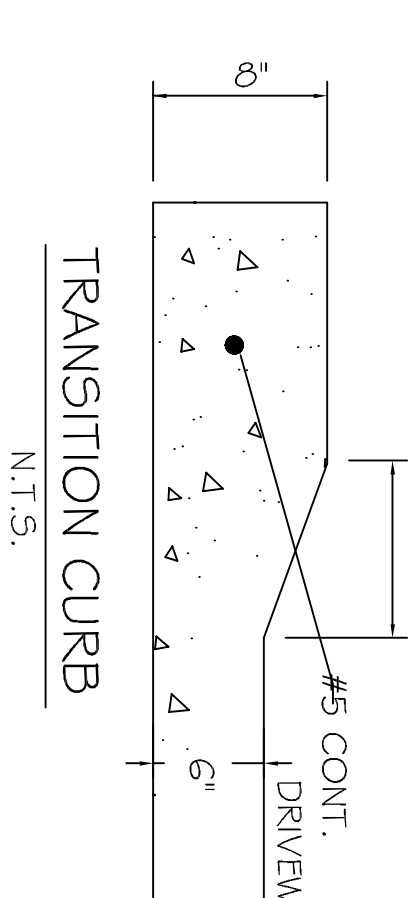
EXPANSION JOINT DETAIL
N.T.S.



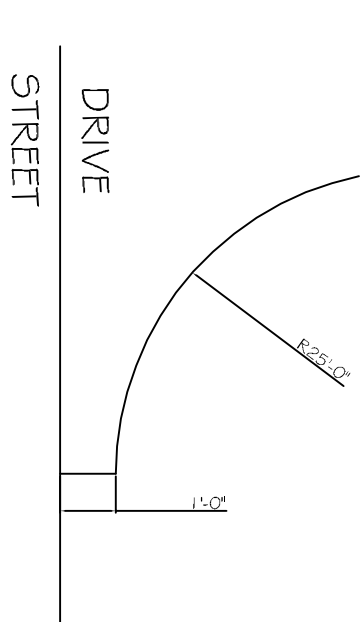
DRIVEWAY SECTION
N.T.S.



MOUNTABLE CURB DETAIL
N.T.S.



TRANSITION CURB
N.T.S.



TYPICAL ENTRANCE DETAIL
N.T.S.

MOREAU'S THERMAL SERVICE

Formula used: STORMWATER RUN-OFF CALCULATIONS

where: C_p = Peak discharge of watershed in cubic feet per second (cfs) data to maximum storm assumed. A = Coefficient of runoff/22. I = Intensity of rainfall in inches per hour based on concentration time. [3]

[4] TC-

where: TC = Time of concentration = time required for rain falling at most remote point to reach discharge point. S = Slope (feet/foot) based on conditions shown. L = Length of pipe in feet. Q = Flow rate in cfs.

[1] RATIONAL METHOD: Q=AI

Watership Surface	Area (A)	Intensity (I)	Flow Rate (Q)
Gravel Surface	0.9	0.25	0.225
Green Space	107.18	0.15	16.077
Summary	108.08	0.29	31.326

[2] POST DEVELOPMENT

Watership Surface	Area (A)	Intensity (I)	Flow Rate (Q)
Gravel Surface	0.9	0.25	0.225
Green Space	86.33	0.15	12.9495
Summary	87.23	0.21	18.32025

DETENTION REQUIREMENTS

Dimension required: 4-10' (108.4 inch)

where: A = Discharge Area required Q = Discharge rate T = Time of concentration S = Slope L = Length of pipe

REQUIRED CONDUIT = 0.96 inch inside diameter

MOREAU'S THERMAL SERVICE

SHANE MOREAU
136 W HOWZE BEACH RD
SLIDELL, LA 70458

JOB No:	2127	DATE:	03-20-2013
DRAWN BY:	JCT	CHECKED BY:	CD



CHIEF ENGINEER: EMMETT DAMMON, P.E.
CHIEF ARCHITECT: KEVIN KINCHEN
554 OLD SPANISH TRAIL
SLIDELL, LA 70458

dammonengne@msn.com
dammoneng@bellsouth.net
PHONE: 985-649-5832
FAX: 985-641-15950

#	DESCRIPTION	DATE

C3

PAVING AND DRAINAGE PLAN

SHEET No: 03 OF 11