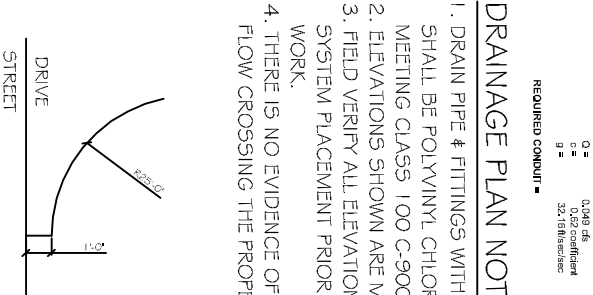
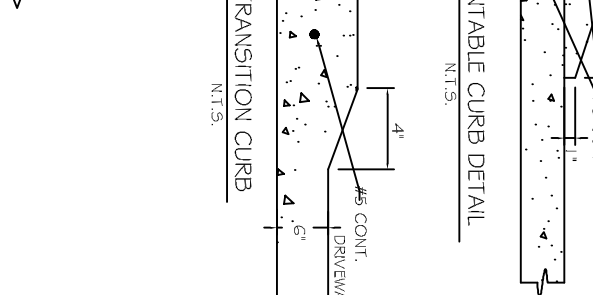
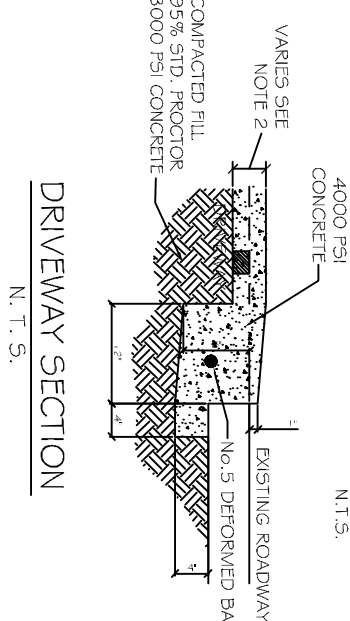
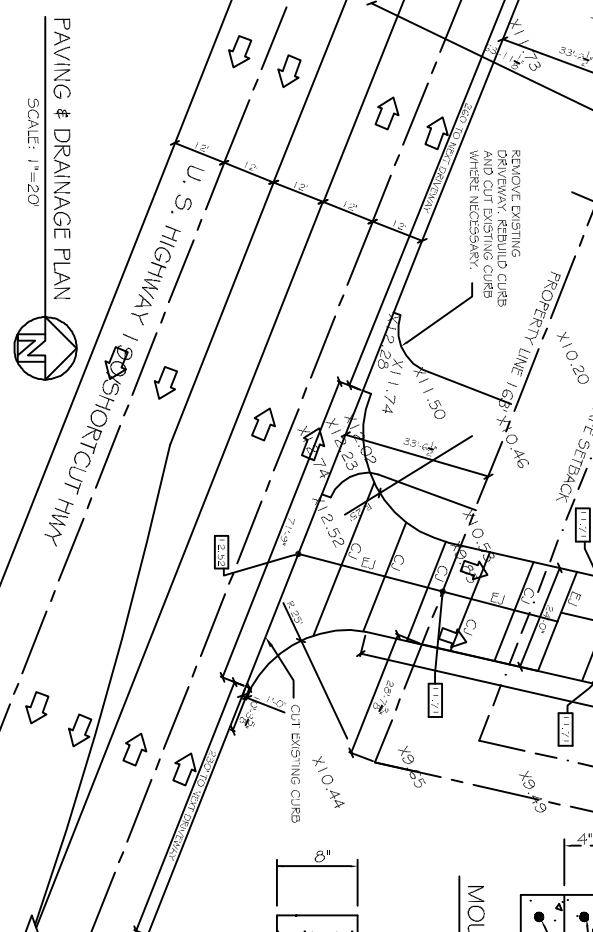
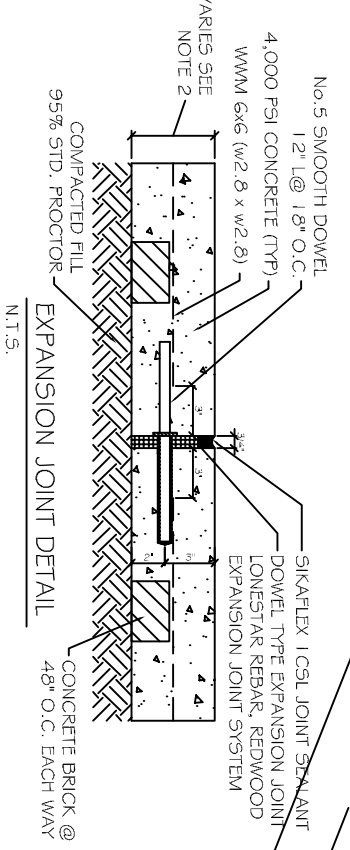
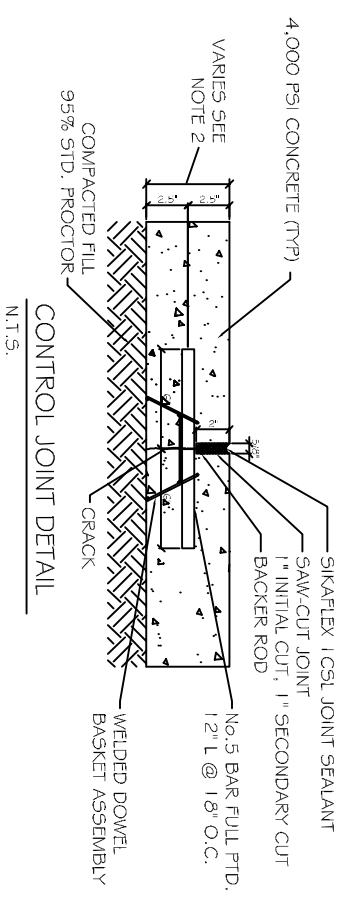
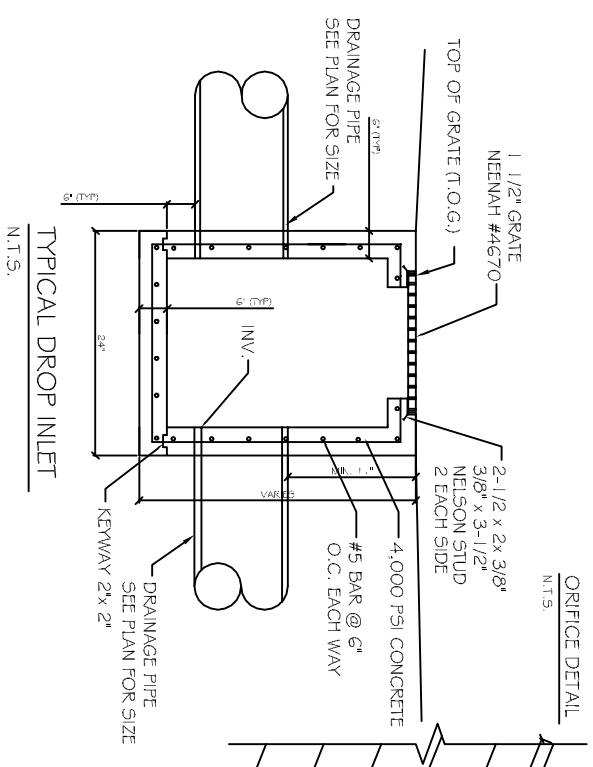


PAVING NOTES:

- 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) APRONS = 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 MANUFACTURERS 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 TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- BUFFER ZONE LINE
- UTILITY EASEMENT LINE
- CONTROL JT. 1'0x1.5'
- EXPANSION JT. 30X45'
- SHEET FLOW ARROW
- ① 0.00' - INVERT ELEVATION
- # 0.00' - TOP OF GRATE ELEVATION
- 00.00 - NEW ELEVATION



- DRAINAGE PLAN NOTES:**
1. DRAIN PIPE & FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
 2. ELEVATIONS SHOWN ARE M.S.L.
 3. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
 4. THERE IS NO EVIDENCE OF EXISTING OFF-SITE FLOW CROSSING THE PROPERTY.

RAY HORVATH BUILDING
STORMWATER RUNOFF CALCULATIONS

Formulas used: [1] RATIONAL METHOD: Q=Aci

where:
 A = Peak discharge of water shed in cubic feet per second (cfs) due to maximum storm runoff from the watershed.
 Ci = Intensity of rainfall in inches per hour based on concentration time, [8]
 [A]TC =

where:
 TC = Time of concentration time required for rain falling at most remote point to reach the outlet.
 S = Slope of watershed.
 P = Percent of watershed.

PRIOR DEVELOPMENT
25 Year Frequency

Waterlight Surface	Area	Runoff Coef.	Runoff	Area
Gravel Surface	0.25	0.55	0.138	0.0345
Green Space	0.15	0.25	0.0375	0.0094
Summary	0.40		0.1755	0.0439

POST DEVELOPMENT
25 Year Frequency

Waterlight Surface	Area	Runoff Coef.	Runoff	Area
Gravel Surface	0.25	0.55	0.138	0.0345
Green Space	0.15	0.25	0.0375	0.0094
Summary	0.40		0.1755	0.0439

DURATION (D) = Time of concentration (TC)

Duration (D)	Runoff Length	Elev. diff.
1.0	1.0	0.00
1.5	1.5	0.00
2.0	2.0	0.00
2.5	2.5	0.00
3.0	3.0	0.00
3.5	3.5	0.00
4.0	4.0	0.00
4.5	4.5	0.00
5.0	5.0	0.00
5.5	5.5	0.00
6.0	6.0	0.00
6.5	6.5	0.00
7.0	7.0	0.00
7.5	7.5	0.00
8.0	8.0	0.00
8.5	8.5	0.00
9.0	9.0	0.00
9.5	9.5	0.00
10.0	10.0	0.00

REQUIRED CONDUIT = 1.03 inch inside diameter

PAVING AND DRAINAGE PLAN
SHEET No: 3 OF 10
C-2

REVISIONS	DATE	DESCRIPTION

RAY HORVATH FLOORWORKS AND BLINDS
 RETAIL
 11830 SHORTCUT ROAD
 SUDELL, LA 70458

JOB No: 2152 DATE: 11-13-12
 DRAWN BY: BSN CHECKED BY: BSN

DAMMON ENGINEERING, INC.
Architects & Engineers

CHIEF ENGINEER: EMMETT DAMMON, P.E.
 CHIEF ARCHITECT: ROBERT WILTSE
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