SITE DRAINAGE LEGEND

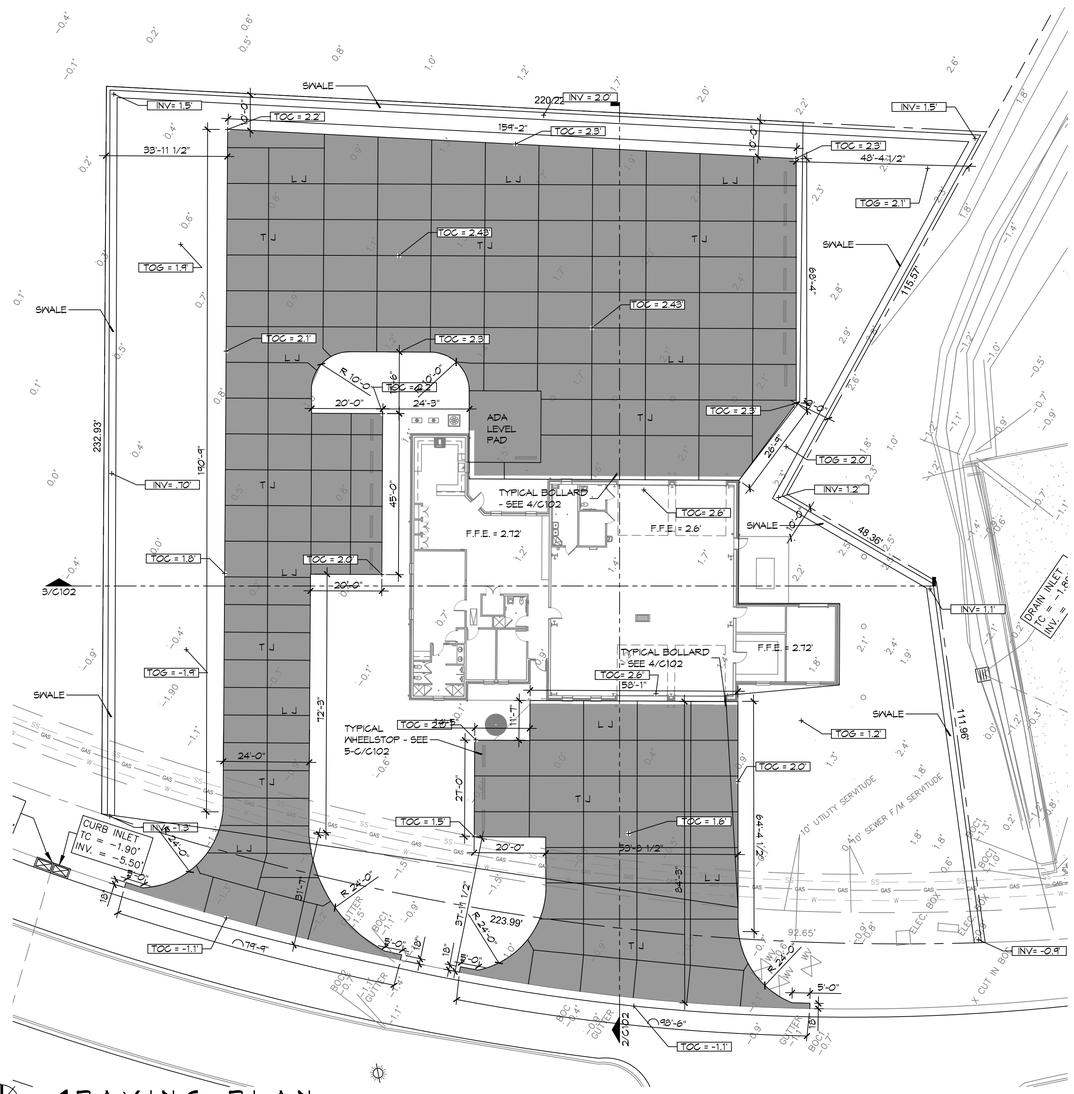
— — —	PROPERTY LINE
TC =11.4'	TOP OF CONCRETE
TOG =11.4'	TOP OF GRADE
INV =11.4'	INVERT OF PIPE
00.00	EXISTING ELEVATIONS
— ST — ST — ST —	NEW SUBSURFACE DRAINAGE PIPE
→	DRAINAGE FLOW DIRECTION ARROWS

AREA OF FILL (CUBIC YARDS)

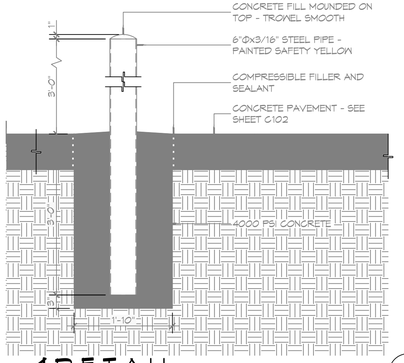
2,836 CUBIC YARDS

GENERAL PAVING NOTES

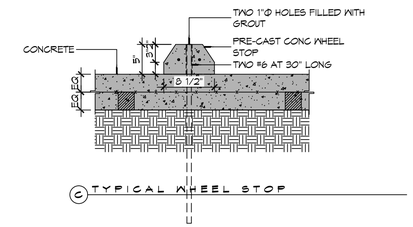
1. ALL NEW CONCRETE SHALL SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
2. CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
   a. APRONS & LOADING AREAS = 8" THICKNESS
   b. DRIVE LANES & PARKING AREAS = 6" 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 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 ACTIVITY.



1 PAVING PLAN
SCALE: 1"=20'-0"

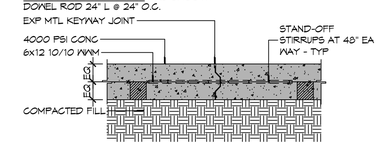


4 DETAIL
SCALE: 3/4" = 1'-0"
TYPICAL BOLLARD

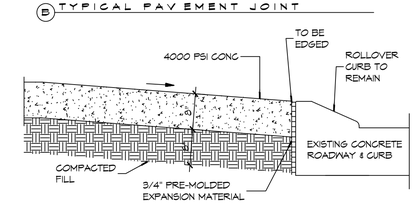


C TYPICAL WHEEL STOP

6" MTL KEYWAY JOINT SYSTEM NOTE:
LONGITUDINAL JOINTS (LJ): No.5 DEFORMED DOWEL ROD 24" L @ 24" O.C.
TRANSVERSE JOINTS (TJ): No.5 SMOOTH DOWEL ROD 24" L @ 24" O.C.



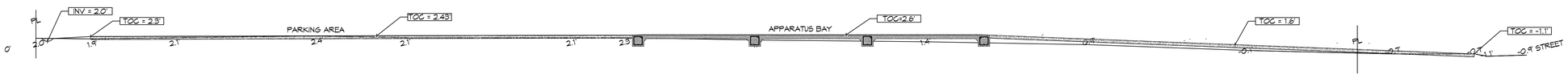
B TYPICAL PAVEMENT JOINT



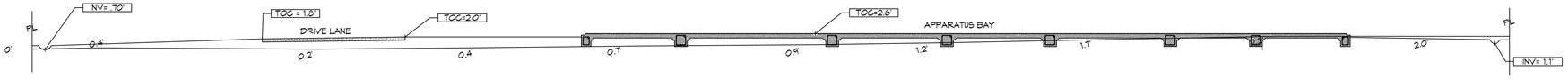
NOTE:
APRON SHALL BE MINIMUM 8" THICK CONCRETE OVER 6" COMPACTED SAND BASE. CONCRETE SHALL BE 4000 PSI.

A EXISTING PAVING TO NEW PAVING

5 PAVING DETAIL
SCALE: N.T.S.



2 SITE PROFILE
SCALE: 1"=10'



3 SITE PROFILE
SCALE: 1"=20'

DAMMON ENGINEERING, INC.
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5540 Oak Grove Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2514 | DATE: 12-03-2025
DRAWN BY: CKD | CHECKED BY: BAM

SHEET TITLE:
DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS

DRAWING NUMBER:
C102

SHEET No: 6 of 37