

TREE & STUMP REMOVAL
NOTES:

1. GENERAL CONTRACTOR IS TO HIRE A LICENSED SUB-CONTRACTOR TO REMOVE EXISTING TREES. THIS SUB-CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, SUPPLIES, TOOLS, EQUIPMENT AND OTHER MEANS NECESSARY FOR PERFORMING AND COMPLETING THE WORK.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT LOUISIANA ONE CALL TO ENSURE THERE ARE NO UTILITIES IN THE AREA(S) WHERE TREES ARE TO BE REMOVED.
3. CONTRACTOR SHALL PROTECT ANY EXISTING FENCE, SIDEWALK, CURB, STREETS, MANHOLE COVERS AND CATCH BASINS NOT SHOWN ON THESE PLANS FOR REMOVAL.
4. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL DEBRIS FROM TREE REMOVAL OPERATIONS WITHIN TWENTY-FOUR (24) HOURS AFTER DEBRIS HAS BEEN PLACED. NO CITY OR PARISH PROPERTY WILL BE DESIGNATED AS LOG STORAGE AREA. ADDITIONALLY, NO DEBRIS OR LOGS SHALL BE GIVEN TO RESIDENTS. UNDER NO CIRCUMSTANCE SHALL DEBRIS BE LEFT ON THE SIDE OF THE STREET OVER WEEKENDS OR HOLIDAYS.
5. CONTRACTOR SHALL REMOVE ALL TREE STUMPS AND BUTTRESS ROOTS TO A POINT THIRTY SIX (36") INCHES BELOW ADJACENT GROUND LEVEL. THE CONTRACTOR SHALL REMOVE ALL SURFACE AND ADJACENT SUBSURFACE ROOTS AS MAY BE NECESSARY TO ELIMINATE "HUMPS" OR MOUNDS IN THE AREA.
6. CONTRACTOR SHALL CLEANUP JOB SITE AND REMOVE ALL ASSOCIATED DEBRIS USED IN GRINDING (REMOVAL) OF TREE STUMPS WITHIN TWENTY-FOUR (24) HOURS OF COMPLETION OF GRINDING.
7. THE GENERAL CONTRACTOR SHALL BACKFILL THESE HOLES.
8. CONTRACTOR SHALL WARRANTY WORK AGAINST SUCKER GROWTH FOR A PERIOD OF ONE (1) YEAR.

GRADING NOTES

1. CG SHALL REMOVE EXISTING NAIL SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 6 INCHES, HOWEVER SINCE CONSTRUCTION OF THE EXISTING BUILDING MANY RUTS AND PONDING HAS OCCURED IN THE PAVING AREAS . THE EXPOSED SUBGRADE IN THE DRIVE LANES AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A ROLLER. RUTS AND PONDING AREAS SHALL BE PROOF-ROLLED. ALL AREAS WILL BE MONITORED AND ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS WITH A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX BETWEEN 10 & 18 PERCENT. FILL SHALL BE PLACED IN MAXIMUM LIFTS OF SIX (6) INCHES OF LOOSE MATERIAL, COMPACTED TO AT LEAST 95 PERCENT OF THE FILL'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698. IN-SITU TEST SHALL BE PERFORMED TO VERIFY MOISTURE CONTENT OF EACH LIFT. THE FILL SHALL BE PLACED IN LIFTS OF SIX (6) INCHES AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED.
3. A MINIMUM OF 6' OF COMPACTED FILL MATERIAL SHALL BE PROVIDED FOR ALL PAVING.
4. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE EXCAVATION'S BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT; IF IT IS REQUIRED THAT A EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

GENERAL SITE DRAINAGE NOTES

1. CONTRACTOR SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN.
2. ALL STORMWATER PIPING SHALL BE SDR 35 POLY(VINYL CHLORIDE) PLASTIC PIPE, MEETING ASTM D3034. DRAIN PIPE(S) SHALL BE THE BALL AND SPIGOT TYPE WITH "O" RING RUBBER GASKETS. THE BELLS OF THE PIPES SHALL BE LINED UPSTREAM. ALL JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. ALL PIPES SHALL REQUIRE 12" COMPACTED SAND OR LIMESTONE BEDDING.
3. F. RATONSON 50/400 ARE V.
4. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
5. THE PERIMETER OF THE PROJECT PROPERTY SHALL BE GRADED SUCH THAT NO RUNOFF IS DISCHARGED TO ADJACENT LOT(S).
6. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION PRIOR TO PLACING EQUIPMENT, PERSONNEL OR STARTING WORK ON NEIGHBORING PROPERTIES.

UTILITY AND SITE DISCLAIMER

1. THIS DRAWING IS NOT INTENDED TO BE UTILIZED AS A BOUNDARY SURVEY. IT HAS BEEN PROVIDED AS A COURTESY BASED ON CORNER FOUND AND PROVIDED BY OWNER OR HIS REP.
2. UNDERGROUND UTILITIES MAY BE PRESENT ON THIS SITE WHICH MAY OR MAY NOT BE DEPICTED ON THIS PLAN. THIS MAP SHOULD NOT BE CONSIDERED DEFINITIVE AS TO LOCATION, NUMBER, TYPE, ETC. OF UTILITIES PRESENT ON THE SITE.
3. CONTRACTOR SHALL CONTACT LA ONE CALL PRIOR TO COMMENCEMENT. PRIVATE UTILITIES SHALL BE COORDINATED WITH OWNER OR THIRD PARTY LOCATION COMPANY.

SITE LEGEND

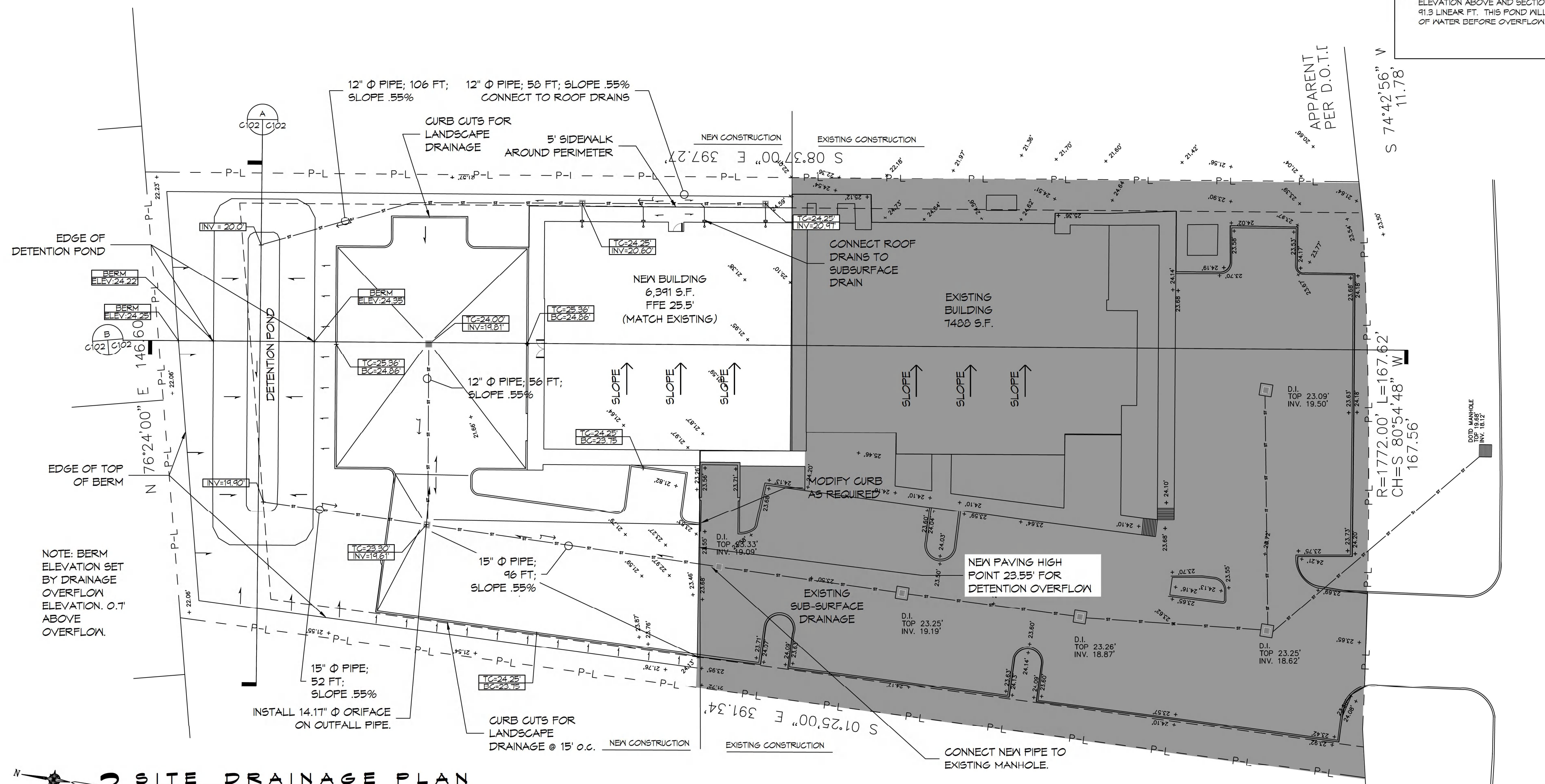
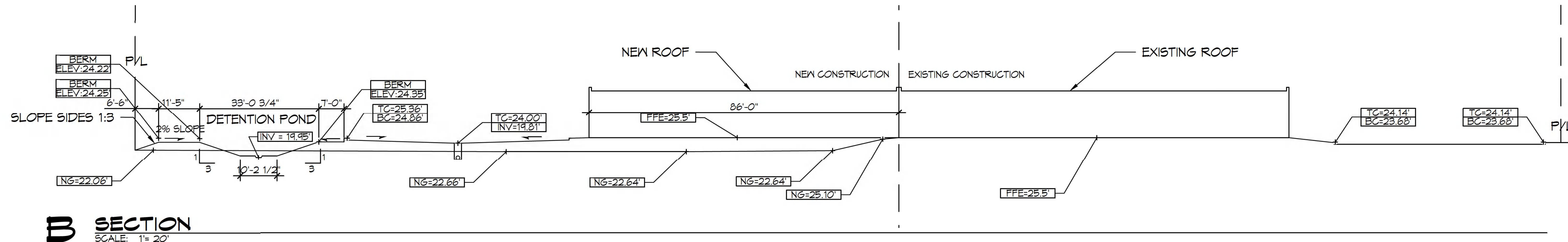
-
-  - CATCH BASIN
 x 21.60' - EXISTING ELEVATIONS
 + TC=100.0' ← TOP OF CONCRETE OR TOP OF CURB
 + BC=100.0' ← BOTTOM OF CURB
 + TC=100.0' INV=100.0' ← TOP OF CATCH BASIN
 INV=100.0' ← INVERT OF CATCH BASIN
 — — — — — STORMWATER PIPE
 → ROOF DRAINAGE FLOW
 → SURFACE DRAINAGE FLOW
 ↪ SUBSURFACE DRAINAGE FLOW

DRAINAGE ABBREVIATIONS

TC	TOP OF CATCH BASIN OR TOP OF CURB
BC	BOTTOM OF CURB
INV	INVERT
TOB	TOP OF BERM

DETENTION CALCULATIONS

1. ALL STORM WATER DETENTION WILL BE DETAINED IN THE POND.
2. STORM WATER OVERFLOW IS SET FOR AN ELEVATION OF 23.55'
3. THE POND WAS MEASURED AT 59.22 S.F. USING THE OVERFLOW ELEVATION ABOVE AND SECTION B. THE BASE OF THE POND MEASURES 91.3 LINEAR FT. THIS POND WILL DETAIN A MINIMUM OF 5,406 CUBIC FT OF WATER BEFORE OVERFLOW OCCURS.



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SEAL:



NEW ADDITION

JOB No: DRAWN BY: DATE: 24/3 CHECKED BY: 10-20-2021 C&D	The above drawings are specification, designs and arrangements, represented hereby in the form of a contract, and shall be taken as such, and shall be binding on the contractor for the project for which the same have been prepared and designed without written consent of the Engineer. The contractor shall be responsible for the accuracy of the data furnished to him, or which in connection with any work or project other than the specific project for which the same have been prepared and designed without written consent of the Engineer. The contractor shall be responsible for the accuracy of the data furnished to him, or which in connection with any work or project other than the specific project for which the same have been prepared and designed without written consent of the Engineer. The contractor shall be responsible for the accuracy of the data furnished to him, or which in connection with any work or project other than the specific project for which the same have been prepared and designed without written consent of the Engineer.
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SHEET TITLE:
SITE GRADING, PAVING
AND DRAINAGE PLAN

DRAWING NUMBER:

C102