

# SPRINGS AT FREMAUX TOWN CENTER

## FREMAUX TOWN CENTER SLIDELL, LOUISIANA ST. TAMMANY PARISH

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#### DIRECTOR OF PLANNING:

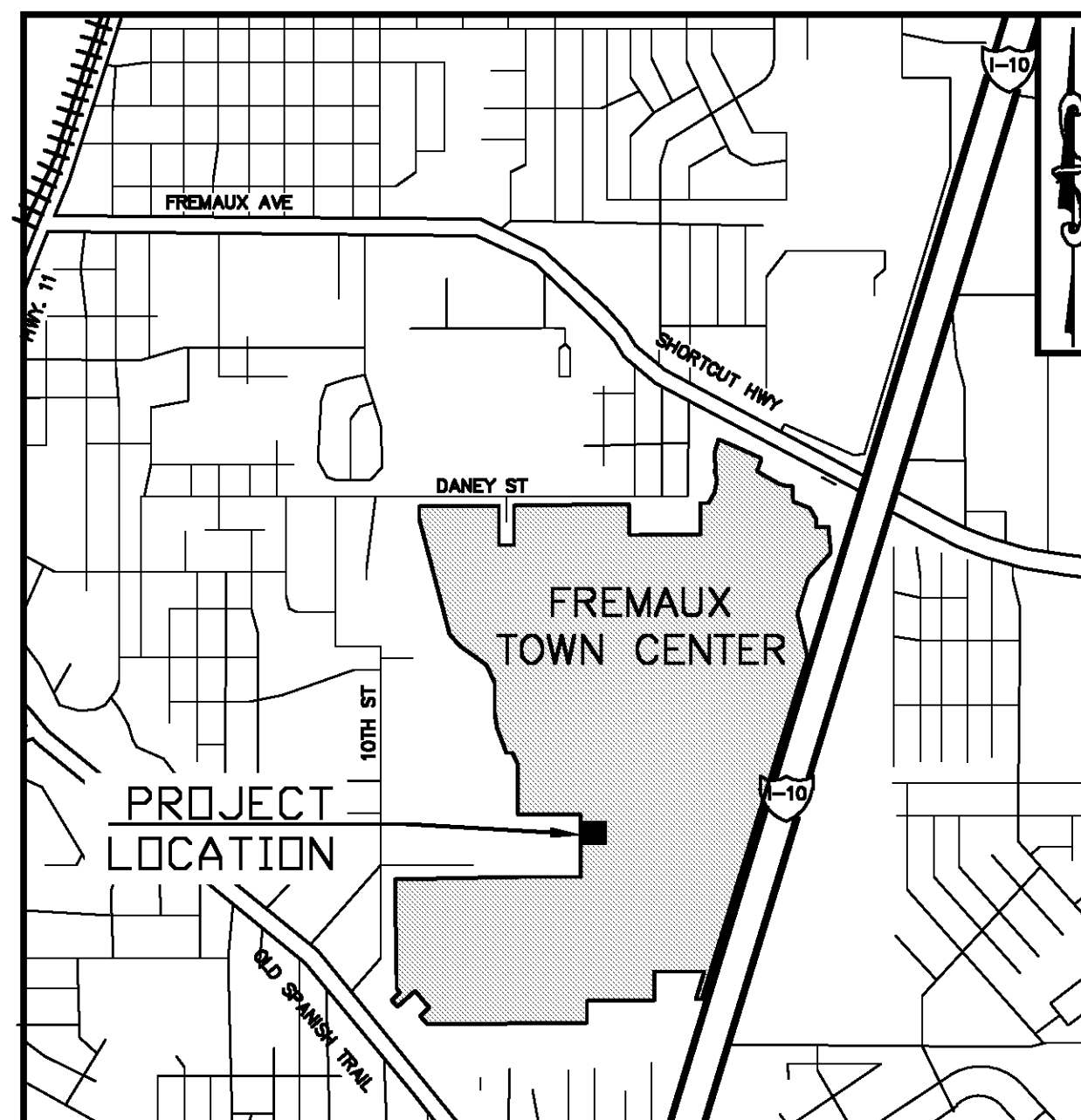
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#### CITY ENGINEER:

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#### FIRE DEPARTMENT:

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SITE LOCATION MAP

N.T.S.

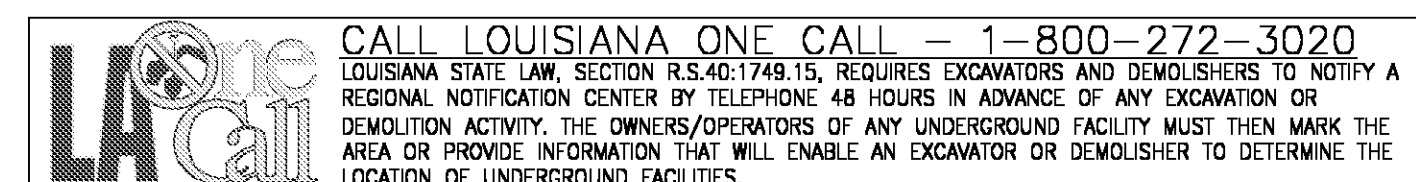
DDG PROJECT # 14-248

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### PROJECT NOTES:

1. THIS PROJECT IS BEING CONSTRUCTED WITHIN THE BOUNDARIES OF THE CITY OF SLIDELL.
2. THE CONTRACTOR SHALL ENSURE THAT ALL GOVERNMENTAL REQUIRED INSPECTIONS, ALONG WITH THOSE REQUIRED BY PRIVATE UTILITIES, ARE PERFORMED PRIOR TO TURNING THE BUILDING OVER.
3. THE SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED SITEWORK RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORTS PREPARED BY STRATUM ENGINEERING, LLC OR THE SITEWORK SPECIFICATIONS FOR CITY OF SLIDELL, WHICHEVER IS MORE STRINGENT.



REVISION	BY

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PROGRESS SET - FOR REVIEW ONLY  
Issued 07/08/14  
These documents are for Design Review and not intended for construction. They were prepared by, or under the supervision of, Douglas E. Barillieux, P.E., #34541, Duplantis Design Group, PC.

SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN DGS  
CHECKED DEB  
ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 C-0 COVER  
SHEET C-0

**SITE PLAN NOTES:**

- 1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS & DIMENSIONS OF SIDEWALKS, PRECISE BUILDING DIMENSIONS, & EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
2. ALL UNSURFACED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH, OR SOO, & WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED AS INDICATED ON THE LANDSCAPING PLAN.
3. PROPERTY & TOPOGRAPHIC SURVEY WAS PREPARED ON 11-8-2013 BY ACADIA LAND SURVEYING.
4. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BENCHMARK.
5. ALL PARKING LOT LIGHTING POLES & FIXTURES WITH LAMPS & REQUIRED PAINT WILL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CLECO A ONE-YEAR WARRANTY CERTIFICATE. ALL INCURRED COSTS FOR RECEIVING, UNWRAPPING, FACTORY PAINTED POLES, STORAGE, LIABILITY, & WARRANTY SHALL BE INCLUDED IN THE INSTALLATION CONTRACT PRICE.
6. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE OWNER OR ENGINEER PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS & SPECIFICATIONS FOR ENTRY LOCATION OF ALL WATER, SEWER SERVICE, ELECTRICAL, TELEPHONE & GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS & ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION & TIE-INS/CONNECTIONS TO THEIR FACILITIES.
8. SEE C-0 FOR LIST OF UTILITY COMPANIES & CONTACT PERSONS.
9. ALL DIMENSIONS SHOWN TO BUILDING ARE TO OUTSIDE FACE OF BUILDING.
10. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS & SLABS SHALL BE IN ACCORDANCE WITH THE FOUNDATION SUBSURFACE PREPARATION NOTES.
11. ALL NECESSARY PERMITS & APPROVALS GOVERNING THE CONSTRUCTION OF THIS WORK SHALL BE SECURED PRIOR TO BEGINNING CONSTRUCTION.
12. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUFFERS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
13. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
14. THE SITE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SYSTEMS, & ANY OTHER MISC. UTILITIES) SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIALS & THE PLACEMENT OF ANY APPROPRIATE SOIL STABILIZATION TECHNIQUE.
15. CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES & APPURTENANCES ADJACENT TO DRIVE AREAS.
16. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE & ALIGNMENT.
17. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO THE SAME.
18. ALL WORK SHOWN SHALL BE DONE IN ACCORDANCE WITH THE PLANS & SITE WORK SPECIFICATIONS.
19. ALL STRIPING SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
20. ANY WORK IN THE RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF SLIDELL DEPARTMENT OF ENGINEERING'S STANDARDS & SPECIFICATIONS.
21. THE PROPERTIES SHOWN HEREIN LIE WITHIN ZONE M4 AND ZONE B. ACCORDING TO FLOOD AREAS OF INSURANCE RATE MAPS PUBLISHED BY F.E.M.A. COMMUNITY PANEL NO. 2222050420E DATED APRIL 21, 1999.

**SITE LAYOUT NOTES:**

- 1. SITE AREA = +/- 20.00 ACRES.
2. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL RADI ARE 4 FEET UNLESS NOTED OTHERWISE.
4. SEE DRAWING D-1 THROUGH D-8 FOR DETAILS.

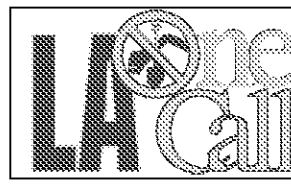
**EROSION CONTROL NOTES:**

- 1. SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EROSION CONTROL FACILITIES DURING THE ENTIRE CONSTRUCTION PERIOD. FACILITIES ARE NOT TO BE REMOVED UNTIL COMPLETION OF THE PROJECT.
3. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY GOVERNING AUTHORITIES.
4. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO 1' FROM THE BOTTOM OF THE FENCE.
5. EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY & AFTER EACH RAINFALL & REPAIRED AS NECESSARY.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER &/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT, AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOO. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOO AT THE PROPER TIME OF YEAR.
7. FILL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY & PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR & THE GRADING CONTRACTOR SHALL REVIEW THEIR GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITHOUT PERMANENT STABILIZATION.
9. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES PRIOR TO ANY EARTHWORK OPERATIONS.
10. CONTRACTOR SHALL MAINTAIN SILT FENCES FOR THE DURATION OF THE PROJECT UNTIL ACCEPTED BY THE OWNER AT NO EXPENSE TO OWNER.
11. CONTRACTOR SHALL INSPECT ON A DAILY BASIS FOR NEEDED REMOVAL OF ANY ACCUMULATED SILTS, DEBRIS, OR REPAIR OF DAMAGED SILT FENCE AT NO ADDITIONAL EXPENSE TO OWNER.
12. PRIOR TO CONSTRUCTION, THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HEREIN SHALL BE IN PLACE. CLEARING & GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION & SEDIMENT CONTROL MEASURES AS SHOWN HEREIN UNTIL ALL SUCH MEASURES ARE IN PLACE.
13. LAND DISTURBING ACTIVITIES WILL BE KEPT TO A MINIMUM & WILL NOT EXTEND BEYOND THE LIMITS SHOWN.
14. SEDIMENT & EROSION CONTROL MEASURES WILL BE INSPECTED ON A DAILY BASIS & WILL BE REPAIRED, ADJUSTED & MAINTAINED AS NEEDED OR REQUIRED BY GOVERNING AGENCIES AT NO ADDITIONAL EXPENSE TO THE OWNER TO PROVIDE EROSION & SEDIMENT CONTROL FOR THE DURATION OF CONSTRUCTION & UNTIL ALL DISTURBED AREAS ARE STABILIZED.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE "EROSION CONTROL CERTIFICATION" & "THE MONTHLY INSPECTION REPORT & CERTIFICATION FORM FOR EROSION & SEDIMENT CONTROLS" LOCATED IN THE SITEMARK SPECIFICATIONS & SUBMITTING THE FORMS TO THE OFFICE OF POLLUTION CONTROL.
16. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SILT FENCING AS SHOWN AT THE PERIMETER OF THE SITE PLAN PRIOR TO LAND CLEARING ACTIVITIES.
17. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRASSED AREAS IS COMPLETE.

**BMP MAINTENANCE EROSION NOTES:**

ALL MEASURES TAKEN ON THIS SITE MAP, & IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, & REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES & BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, & RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING & STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING & STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS, ANY DEBRIS &/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.



CALL LOUISIANA ONE CALL -- 1-800-272-3020
LOUISIANA STATE LAW, SECTION R.S.40:1749.15, REQUIRES EXCAVATORS & DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNER/OPERATOR 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.

**GRADING NOTES:**

- 1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPOGRAPHIC SURVEY BY ACADIA LAND SURVEYING DATED 11-8-2013. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR & SUBMIT IT TO THE OWNER FOR REVIEW.
2. EXISTING GRADE CONTOURS INTERVAL SHOWN AT ONE FOOT (1').
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE REQUIRED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
6. CLEARING & GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
7. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS & SLABS SHALL BE IN ACCORDANCE WITH THE FOUNDATION SUBSURFACE PREPARATION NOTE.
8. FINISHED GRADE CONTOUR INTERVALS SHOWN AT ONE FOOT (1').
9. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER & TELEPHONE SERVICE TO THE BUILDING.
10. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO THE SAME.
11. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
12. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE SOO OR 4 INCHES OF TOPSOIL, SEED, MULCH, WATER, ETC. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH LANDSCAPING PLAN UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
13. GEOTECHNICAL REPORT NO. 614-108 BY STRATUM ENGINEERING, L.L.C. IS CONSIDERED A PART OF THIS DOCUMENT. THE CONTRACTOR MUST REVIEW IT FOR CONSTRUCTION REQUIREMENTS. IF DIFFERENCES ARE NOTED BETWEEN THESE PLANS AND THE GEOTECHNICAL REPORT, REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT WILL GOVERN. THE CONTRACTOR MUST CONTACT THE OWNER, CIVIL ENGINEER, AND GEOTECHNICAL ENGINEER FIRM AND INFORM THEM OF ALL DISCREPANCIES AND PLAN MODIFICATIONS.

**STORM DRAINAGE NOTES:**

- 1. ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE SEALED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
2. ALL PIPES & STRUCTURES ON STREET RIGHT-OF-WAY SHALL BE PER CITY OF SLIDELL ENGINEERING DEPARTMENT STANDARDS & SPECIFICATIONS.
3. REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.

**SITE PREPARATION NOTES:**

- 1. ALL TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS SHALL BE STRIPPED. ALL UNSUITABLE STOCKPILED MATERIALS SHALL BE REMOVED.
2. CONTRACTOR SHALL STRIP A MINIMUM OF 10 INCHES OF THE SURFICIAL TOP SOIL WITH ORGANIC MATERIAL FROM THE BUILDING & PARKING AREAS. ACTUAL STRIPPING DEPTH MAY BE UP TO 18 INCHES AT ISOLATED LOCATIONS AND SHOULD BE DETERMINED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION.
3. THE NEAR SURFACE SOILS ENCOUNTERED AT THE SITE CONSISTS OF MOISTURE SENSITIVE SILTY MATERIALS. THESE NEAR SURFACE SOILS BECOME STABLE AT THE TIME OF THE FIELD EXPLORATION SINCE THE INVESTIGATION WAS CONDUCTED IN A PERIOD OF DRY WEATHER. SHOULD THE NEAR SURFACE SOILS BECOME WET, THEY COULD LOSE THEIR SUPPORT CAPABILITIES AND WILL HAVE TO BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
4. ANY LOOSELY BACKFILLED TREE STUMP EXCAVATIONS IN THE BUILDING AREAS SHALL BE UNDERCUT & REPLACED WITH COMPACTED STRUCTURAL FILL.
5. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHOULD BE PROOFROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS. SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD, SHOULD BE UNDERCUT & REPLACED WITH COMPACTED STRUCTURAL FILL. THE PROOF-ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE WITNESSED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.
6. AFTER SUBGRADE PREPARATION AND OBSERVATION HAVE BEEN COMPLETED, THE INITIAL LAYER OF FILL SHOULD BE PLACED IN A RELATIVELY UNIFORM HORIZONTAL LIFT AND BE ADEQUATELY KEPT INTO THE STRIPPED AND SCARIFIED SUBGRADE SOILS. THE STRUCTURAL FILL SHOULD CONSIST OF SANDY CLAYS OR CLAYEY SANDS HAVING A MAXIMUM LIQUID OF 40 AND A MAXIMUM PLASTICITY INDEX OF 18 PERCENT.
7. THE FILL SHOULD BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIALS AND SHOULD BE COMPACTED WITHIN ONE (1) PERCENTAGE POINT BELOW AND THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT. IF WATER MUST BE ADDED, IT SHOULD BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. THE FILL PLACED IN THE BUILDING AREAS AND PARKING LOT SHOULD BE COMPACTED BY ASTM 698B.
8. EXHAUST DRAINAGE SHOULD BE PROVIDED PRIOR TO AND DURING SITE WORK. THE SITE SHOULD BE GRADED TO PROMOTE RAPID RUNOFF THROUGHOUT THE CONSTRUCTION PHASE.
9. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.
10. THE EDGE OF COMPACTED FILL SHALL EXTEND AT LEAST TEN (10) FEET BEYOND THE EDGE OF THE BUILDINGS PRIOR TO SLOPING.
11. THE SOIL SUPPORTED FLOOR SLABS FOR THE PROPOSED APARTMENT BUILDINGS SHOULD BEAR ON A MINIMUM OF TWO (2) FEET OF COMPACTED STRUCTURAL FILL. PLACEMENT OF THE NEW FILL AND PREPARATION OF THE SUBGRADE SHOULD BE PERFORMED IN ACCORDANCE WITH THE SITE PREPARATION SECTION OF THE GEOTECHNICAL REPORT TO IDENTIFY ANY SOFT OR UNSTABLE SOILS WHICH SHOULD BE REMOVED FROM THE FLOOR SLAB PRIOR TO ADDITIONAL FILL PLACEMENT AND/OR FLOOR SLAB CONSTRUCTION.
12. POLYETHYLENE SHEETING SHOULD BE PLACED BETWEEN THE FILL AND THE FLOOR SLABS TO ACT AS A VAPOR BARRIER.
13. WATER SHALL NOT BE ALLOWED TO COLLECT IN THE FOUNDATION EXPANION, FLOOR SLAB AREAS, OR ON PREPARED SUBGRADES IN THE CONSTRUCTION AREA EITHER DURING OR AFTER CONSTRUCTION. UNDERCUT OR EXCAVATED AREAS SHALL BE SLOPED TOWARD ONE CORNER TO FACILITATE REMOVAL OF ANY COLLECTED RAINWATER, GROUNDWATER, OR SURFACE RUNOFF. POSITIVE SITE SURFACE DRAINAGE SHALL BE PROVIDED TO REDUCE INFILTRATION OF SURFACE WATER AROUND THE PERIMETER OF THE BUILDINGS & BENEATH THE FLOOR SLABS.
14. IT IS POSSIBLE THAT SEASONAL VARIATIONS WILL CAUSE FLUCTUATIONS OF THE WATER TABLE. ADDITIONALLY, PERCHED WATER MAY BE ENCOUNTERED IN DISCONTINUOUS ZONES WITHIN THE OVERBURDEN SILTY SANDY CLAY. ANY WATER ACCUMULATION SHALL BE REMOVED FROM EXCAVATION BY PUMPING. SHOULD EXCESSIVE & UNCONTROLLED AMOUNTS OF SEEPAGE OCCUR, THE GEOTECHNICAL ENGINEER SHALL BE CONSULTED.

**UTILITY NOTES:**

- 1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES & WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, EASEMENTS, & CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPE, POWER POLES & GUY WIRES, WATER METERS & WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, & ASPHALT, SHOWN & NOT SHOWN, WITHIN CONSTRUCTION LIMITS & WHERE NEEDED TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
6. CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS & SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC & FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, CABLE TV, & GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS & ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATIONS & SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
7. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER & TELEPHONE SERVICE TO BUILDING.
8. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO SAME.
9. SEE SPECIFICATIONS & DETAIL SHEETS FOR BACKFILLING & COMPACTOR REQUIREMENTS ON UTILITY PLANS.
10. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION & TRENCHING OPERATIONS. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, & OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO, ACCESS & EGRESS FROM ALL EXCAVATION & TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
11. CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ASSURE PROPER DEPTH & PREVENT ANY CONFLICT OF UTILITIES.
12. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER & SEWER LINE IS TEN (10) FEET, OR MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER & SEWER LINE IS EIGHTEEN (18) INCHES.
13. CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATER TIGHT.
14. CONTRACTOR SHALL ON ALL UTILITIES, COORDINATE WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
15. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & REQUIREMENTS. THE CONTRACTOR SHALL CONDUCT ALL NECESSARY INSPECTIONS &/OR TESTS AS REQUIRED BY CODES &/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION & THE FINAL CONNECTION OF SERVICES.

**WATER NOTES:**

- 1. ALL WORK SHALL BE DONE TO THE CITY OF SLIDELL STANDARD SPECIFICATIONS.
2. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING FIRE SERVICE & DOMESTIC SERVICE CONNECTION LOCATIONS.
3. CONTRACTOR SHALL CONSTRUCT WATER SERVICES AS SHOWN, & CONSTRUCT METERS, PITS, & INSTALL CHECK VALVE.
4. ALL SPRINKLER & DOMESTIC LEADS TO BUILDING SHALL END AT THE FACE OF BUILDING WALL, UNLESS NOTED OTHERWISE, & SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END (FOR OTHERS TO REMOVE & EXTEND AS NECESSARY).
5. ALL VERTICAL BENDS ON WATER MAIN SHALL BE RESTRAINED WITH A MECHANICAL JOINT FITTING SUPPLIED WITH THE RETAINER GLANDS. ANY JOINTS 26 FEET OR LESS FROM EITHER SIDE OF VERTICAL BEND SHALL BE RESTRAINED WITH A MECHANICAL JOINT FITTING.
6. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
7. ALL VALVES SHALL BE INSTALLED IN A CAST IRON VALVE BOX WITH COVER.
8. THROUST BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL BENDS, TEES, & FIRE HYDRANTS. SEE DETAIL.
9. THE MINIMUM COVER ON WATER MAINS SHALL BE 3 FEET.
10. PIPE SIZES 3" & SMALLER SHALL BE PVC. FITTINGS SHALL BE BRASS. SEE SPECIFICATIONS.
11. PIPE SIZES 4" & LARGER SHALL BE PVC C-900 WATER PIPE. ALL FITTINGS 4" & LARGER SHALL BE CAST IRON CONFORMING TO ANSI & AWWA STANDARD SPECIFICATIONS.
12. GATE VALVES 3/4" THROUGH 3" SHALL BE BRONZE WEDGE TYPE GATE VALVE. VALVES SHALL HAVE NON-RISING STEM WITH SOLID TEE HEAD OPERATING NUT UNLESS NOTED OTHERWISE.
13. GATE VALVES 4" & LARGER SHALL BE CAST IRON GATE VALVE WITH PARALLEL DOUBLE DISC. VALVES SHALL HAVE MECHANICAL JOINT ENDS & NON-RISING STEM WITH SQUARE OPERATING NUT.

**TELEPHONE NOTES:**

- 1. ALL PHONE LINE LOCATIONS ARE APPROXIMATE & SHOWN FOR COORDINATION PURPOSES ONLY. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.

**SANITARY SEWER NOTES:**

- 1. ALL WORK SHALL BE DONE TO THE CITY OF SLIDELL STANDARD SPECIFICATIONS.
2. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
3. CONTRACTOR SHALL PAY ALL FEES & CHARGES PERTINENT TO SANITARY SEWER CONSTRUCTION & SHALL COORDINATE WITH CITY OF SLIDELL PRIOR TO COMMENCING WITH CONSTRUCTION.
4. ALL STUB-OUTS & WYE LATERALS SHALL BE PLUGGED WITH A STANDARD TYPE PLUG.
5. SANITARY SEWER PIPE OF DIFFERENT MATERIAL SHALL BE JOINED BY A RUBBER SLEEVE WITH STAINLESS STEEL COUPLING, MADE FOR TRANSITIONS FROM ONE MATERIAL TO ANOTHER.
6. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR TO CENTERLINE OF MANHOLE.
7. THE SANITARY SEWER PIPE MATERIAL SHALL BE PVC, SDR 35, SEWER PIPE UNLESS OTHERWISE NOTED ON PLAN.

**POWER NOTES:**

- 1. REFERENCE ARCHITECT'S PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
2. ALL PRIMARY & SECONDARY SERVICE LOCATIONS ARE APPROXIMATE & ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE POWER COMPANY, TO DETERMINE EXACT LOCATION & RESPONSIBILITIES INCLUDING COST.

**NOTE:**

10' SERVITUDE REQUIRED ON ALL SEWER OR WATER LINES WHERE SHOWN ADJACENT TO R.O.W. OR IN THE PARKING LOT. 15' SERVITUDE REQUIRED ON ALL SEWER OR WATER WITHIN MAIN STREET (BETWEEN BUILDINGS). WHERE SEWER AND WATER ARE ADJACENT TO ONE ANOTHER, A 20' EASMENT IS REQUIRED. EASEMENTS REQUIRED BUT NOT SHOWN FOR CLARITY.

**UTILITY LEGEND:**

- (A) 8" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
(B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
(C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
(D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
(E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
(F) UNDERGROUND TELEPHONE WRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
(G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
(H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**NOTES:**

FOR ANY NEW FIRE HYDRANTS AND WATER LINES INSTALLED, A REPRESENTATIVE FROM THE SLIDELL ENGINEERING DEPARTMENT MUST WITNESS THE PRESSURE TESTS. CONTACT THE ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO PRESSURE TEST. ALSO, A BACTERIOLOGICAL TEST IS REQUIRED FROM THE DIH FOR EACH LINE INSTALLED.

**GENERAL NOTES**

Table with 2 columns: REVISION, BY

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SPRINGS AT FREMAUX TOWN CENTER
SLIDELL, LOUISIANA
ST. TAMMANY PARISH
FOR CONTINENTAL 294 FUND LLC
MEMONONEE FALLS, WI

DRAWN DGS
CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-1 GEN NOTES
SHEET C-1



N 90°00'00" W - 805.53'

PROPOSED TRACT 2D-2-A  
76,556 ACRES  
3,337,749 SQ. FT.

S 00°00'00" W - 138.51'

N 01°52'02" E - 192.70'

DEDICATED DRAINAGE  
SERVITUDE IN FAVOR OF  
MULTIFAMILY PROPERTY  
3.49 ACRES

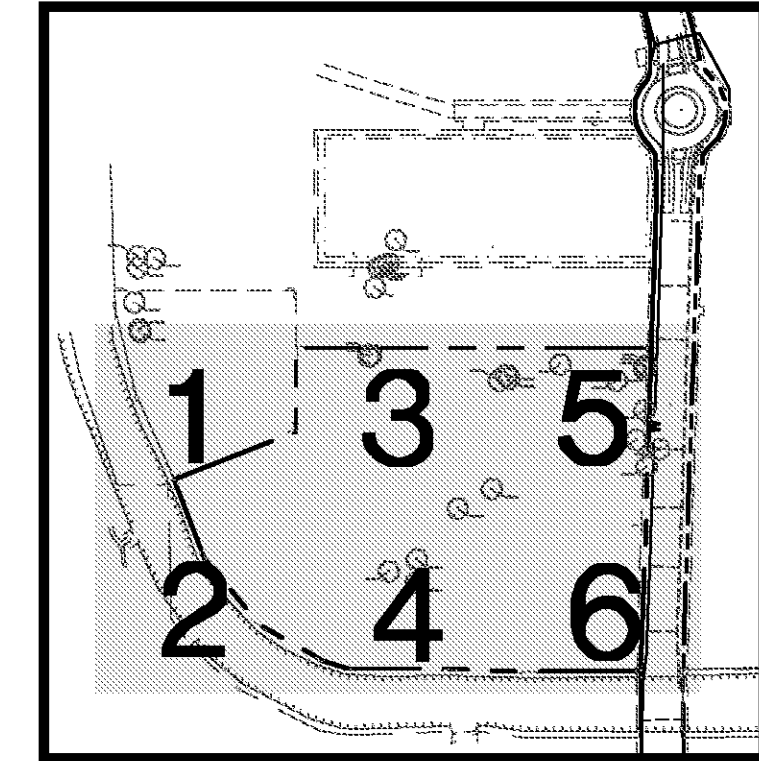
WATER QUALITY POND

W-14 CANAL

TOWN CENTER PARKWAY

TOWN CENTER PARKWAY  
(BY OTHERS)

W-14 CANAL  
Act of Indebtedness and Security  
Instrument No. 1907812



KEY MAP  
N.T.S.

LEGEND - STRIPING

- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- YSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE
- SWD/4" - SINGLE WHITE DASHED LINE / 4" WIDE
- SBSL/4" - SINGLE BLUE SOLID LINE / 4" WIDE
- SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE
- SWSL/8" - SINGLE WHITE SOLID LINE / 8" WIDE

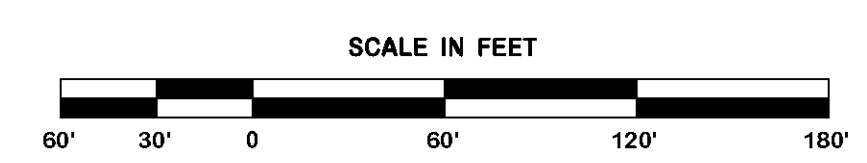
EXISTING LEGEND

- FOUND PROPERTY CORNER (AS NOTED)
- SET 3/4" IRON ROD
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING OVERHEAD POWER LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING BARB WIRE FENCE LINE
- EXISTING WIRE MESH FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
- EXISTING PIPE BOLLARD
- EXISTING MAILBOX
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FC
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP

LEGEND - NEW IMPROVEMENTS

- BUILDING
- CONCRETE CURB AND GUTTER
- PARKING SPACES
- ADA RAMP
- HEAVY DUTY ASPHALT OR CONCRETE
- STANDARD DUTY PAVEMENT
- SITE LIGHTING POLES
- FIRE HYDRANT
- WATER VALVE
- DOWN SPOUT
- DIRECTIONAL ARROWS
- FLUME
- GARAGES
- SIDEWALK
- DECORATIVE FENCE
- CHAINLINK FENCE
- COMMUNICATIONS BOX
- ELECTRIC BOX
- TREE TO REMAIN

OVERALL  
SITE PLAN



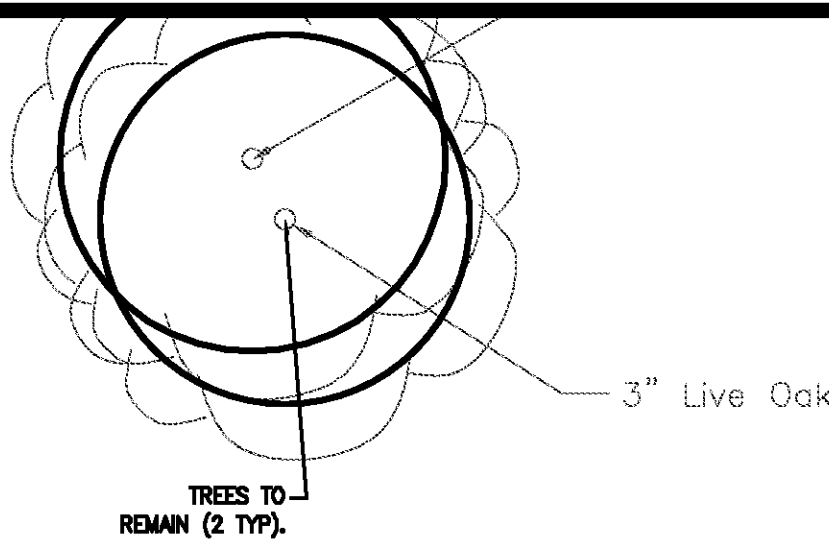
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SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN DGS  
CHECKED DEB  
ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 C-3 SITE  
SHEET C-3.0



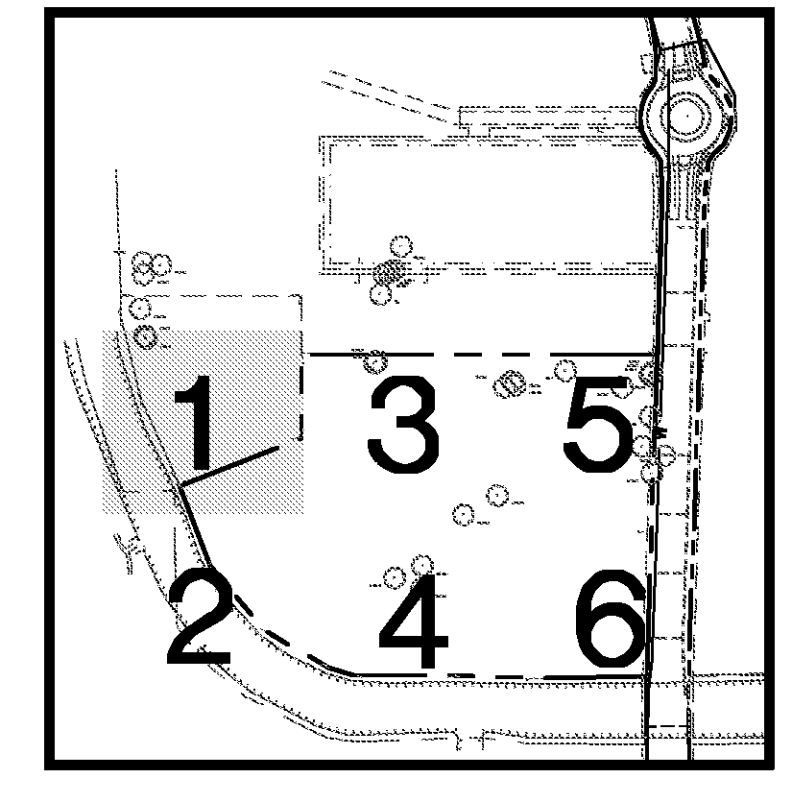
TREES TO REMAIN (2 TYP.)  
3" Live Oak  
N 1°27'00" W - 202.32'

PROPOSED SERVITUDE AREA  
IN FAVOR OF TRACT 2D-2-B  
3.489 ACRES  
151,980 SQ. FT.

DEDICATED DRAINAGE  
SERVITUDE IN FAVOR OF  
MULTIFAMILY PROPERTY  
3.49 ACRES

WATER QUALITY POND

W-14 CANAL  
As Shown on Plat 104-100-0000



KEY MAP  
N.T.S.

LEGEND - STRIPING

- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE
- SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
- SBSL/4" - SINGLE BLUE SOLID LINE / 4" WIDE
- SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE
- SWSL/8" - SINGLE WHITE SOLID LINE / 8" WIDE

EXISTING LEGEND

- |  |              |
|--|--------------|
| FOUND PROPERTY CORNER (AS NOTED)                 | ⊙            |
| SET 3/4" IRON ROD                                | ⊙            |
| EXISTING POWER POLE                              | ⊗            |
| EXISTING POWER POLE WITH LIGHT                   | ⊗            |
| EXISTING PARKING LOT LIGHT                       | ⊗            |
| EXISTING GUY ANCHOR                              | ⊗            |
| EXISTING TELEPHONE PEDESTAL                      | ⊗            |
| EXISTING OVERHEAD POWER LINE                     | —○—          |
| EXISTING GAS METER                               | ⊗            |
| EXISTING GAS VALVE                               | ⊗            |
| EXISTING BARB WIRE FENCE LINE                    | —X—          |
| EXISTING WIRE MESH FENCE LINE                    | —○—          |
| EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE | —○—          |
| EXISTING PIPE BOLLARD                            | ⊗            |
| EXISTING MAILBOX                                 | ⊗            |
| ELEVATION OF TOP OF STRUCTURE                    | TOP = 18.00  |
| ELEVATION OF BOTTOM OF STRUCTURE                 | INV. = 15.00 |
| EXISTING SPOT ELEVATION                          | 18.50 TC     |
| ELEVATION OF TOP OF CURB                         | 18.50 FC     |
| ELEVATION OF FACE OF CURB                        | 18.00 FC     |
| EXISTING SEWER MANHOLE                           | ⊗            |
| EXISTING SEWER CLEANOUT                          | ⊗            |
| EXISTING DRAINAGE MANHOLE                        | ⊗            |
| EXISTING SUBSURFACE DRAINAGE                     | ⊗            |
| EXISTING CATCH BASIN/DROP INLET                  | ⊗            |
| EXISTING FIRE HYDRANT                            | ⊗            |
| EXISTING WATER METER                             | ⊗            |
| EXISTING WATER VALVE                             | ⊗            |
| EXISTING WATER LINE                              | —W—          |
| EXISTING REINFORCED CONCRETE PIPE                | 18" RCP      |
| EXISTING CORRUGATED METAL PIPE                   | 24" CMP      |

NOTE:

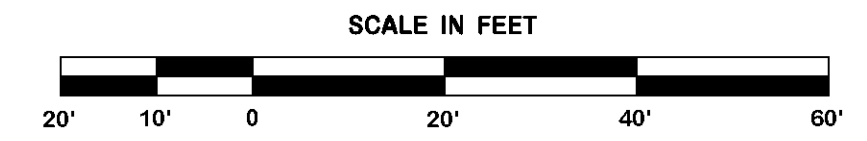
1. SEE SHEETS C-3.0 FOR OVERALL SITE PLAN.
2. SEE SHEETS C-4.0-C-4.6 FOR GRADING PLANS.
3. SEE SHEETS C-6.1-C-6.2 FOR UTILITY PLANS.
4. SEE SHEETS C-8.1-C-8.2 FOR EROSION CONTROL PLANS.
5. SEE SHEETS C-1 FOR GENERAL NOTES.
6. SEE SHEETS D-1-D-6 FOR DETAILS.
7. SEE SHEETS C-2 FOR BUILDING DIMENSIONAL CONTROL PLAN.



LEGEND - NEW IMPROVEMENTS

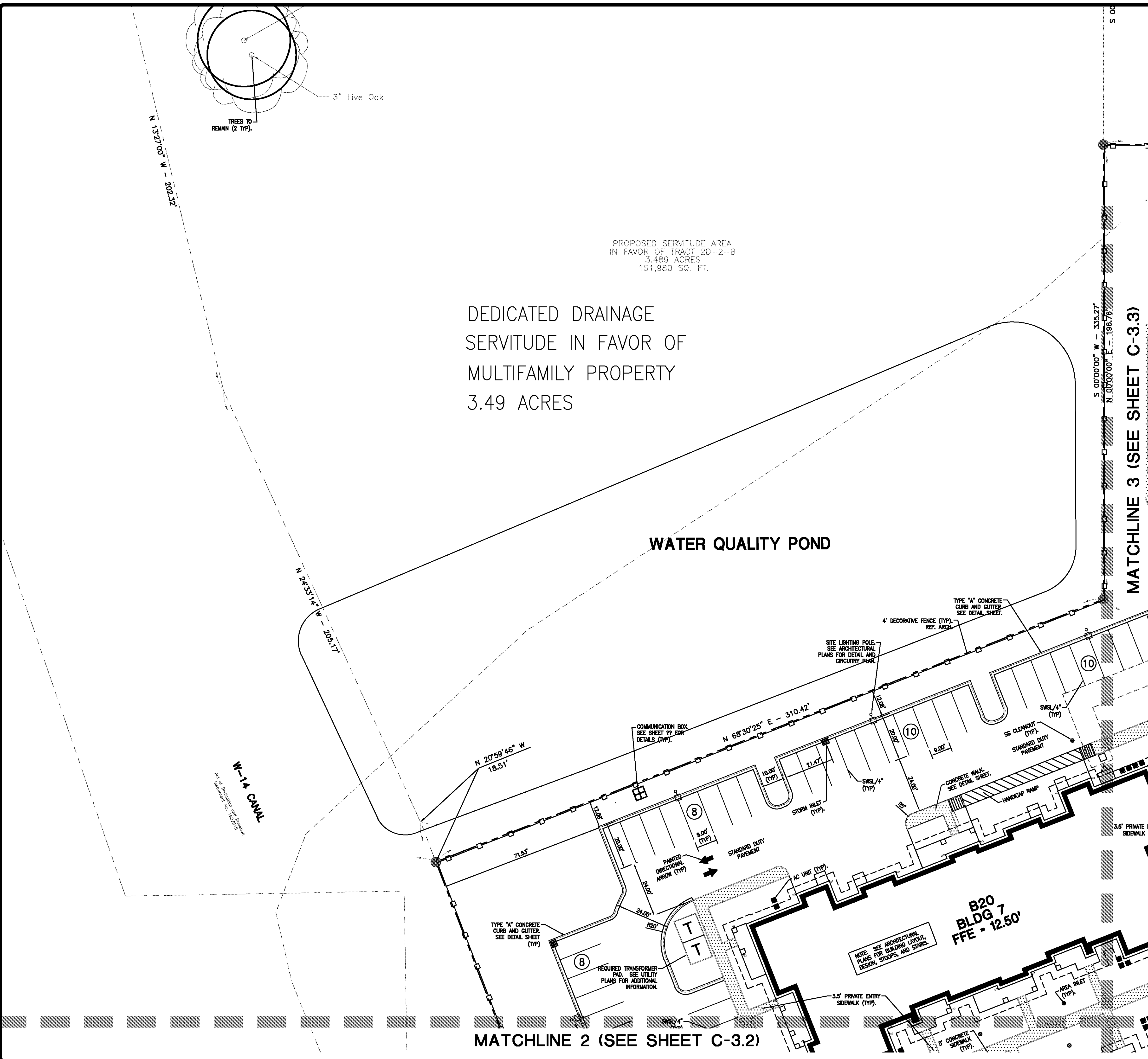
- |                                |  |                    |  |
|--------------------------------|--|--------------------|--|
| BUILDING                       |  | DIRECTIONAL ARROWS |  |
| CONCRETE CURB AND GUTTER       |  | FLUME              |  |
| PARKING SPACES                 |  | GARAGES            |  |
| ADA RAMP                       |  | SIDEWALK           |  |
| HEAVY DUTY ASPHALT OR CONCRETE |  | DECORATIVE FENCE   |  |
| 3.5' PRIVATE SIDEWALK PAVEMENT |  | CHAINLINK FENCE    |  |
| SITE LIGHTING POLES            |  | COMMUNICATIONS BOX |  |
| FIRE HYDRANT                   |  | ELECTRIC BOX       |  |
| WATER VALVE                    |  | TREE TO REMAIN     |  |
| DOWN SPOUT                     |  |                    |  |

SITE PLAN  
SECTION 1



MATCHLINE 2 (SEE SHEET C-3.2)

MATCHLINE 3 (SEE SHEET C-3.3)



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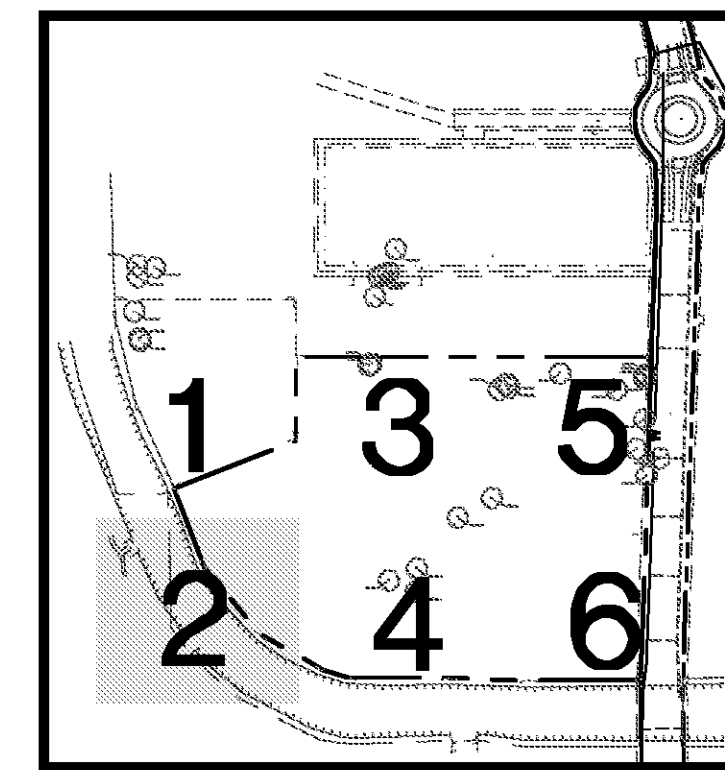
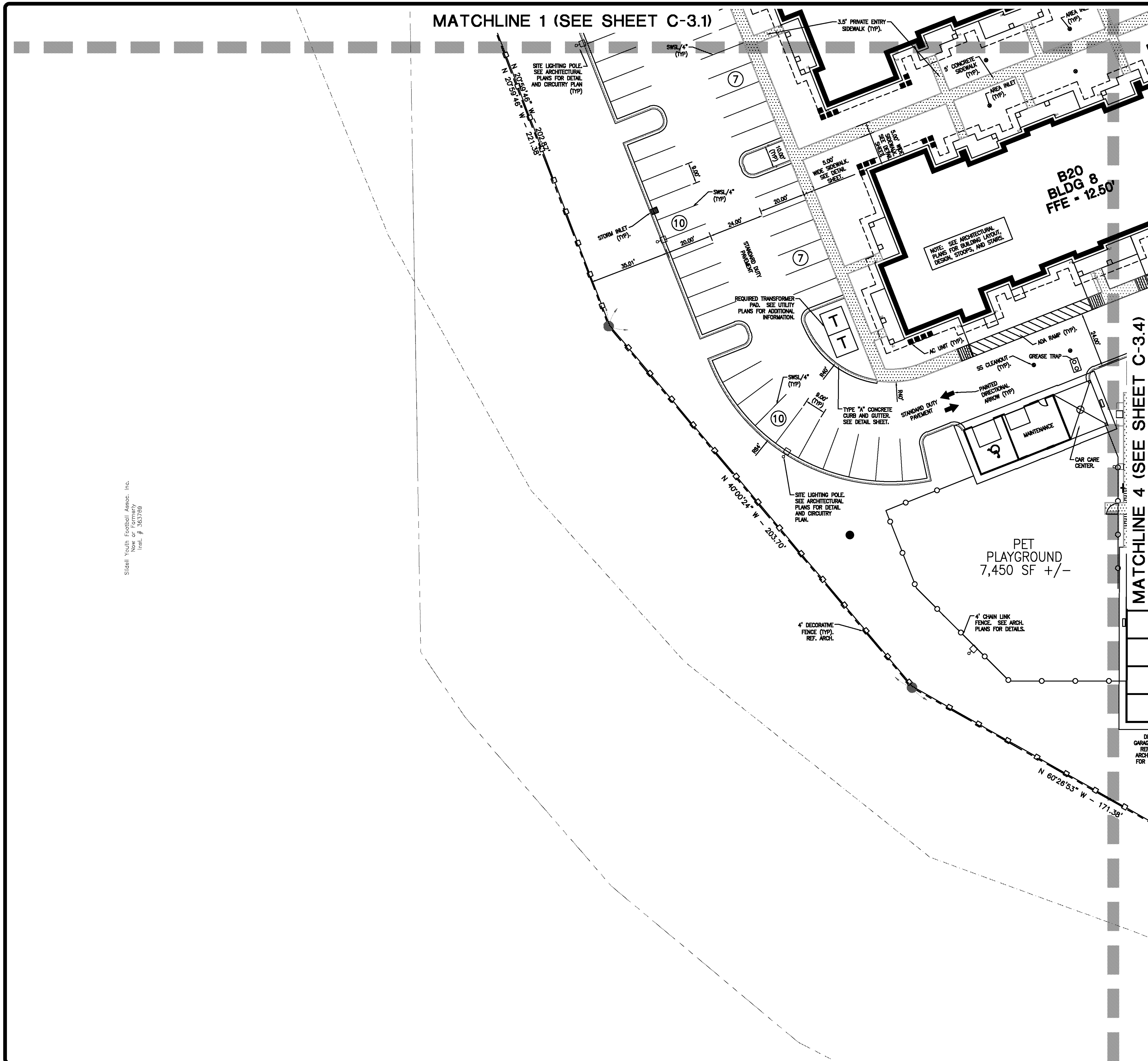
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Duplantis Design Group, PC

SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN  
DGS  
CHECKED  
DEB  
ISSUED DATE  
8/23/14  
ISSUED FOR  
PERMITTING  
PROJECT NO.  
14-248  
FILE  
14-248 C-3 SITE  
SHEET  
C-3.1

MATCHLINE 1 (SEE SHEET C-3.1)



KEY MAP  
N.T.S.

LEGEND - STRIPING

- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- YSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE
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- SWSL/8" - SINGLE WHITE SOLID LINE / 8" WIDE

EXISTING LEGEND

- FOUND PROPERTY CORNER (AS NOTED) [Symbol]
- SET 3/4" IRON ROD [Symbol]
- EXISTING POWER POLE [Symbol]
- EXISTING POWER POLE WITH LIGHT [Symbol]
- EXISTING PARKING LOT LIGHT [Symbol]
- EXISTING GUY ANCHOR [Symbol]
- EXISTING TELEPHONE PEDESTAL [Symbol]
- EXISTING OVERHEAD POWER LINE [Symbol]
- EXISTING GAS METER [Symbol]
- EXISTING GAS VALVE [Symbol]
- EXISTING BARB WIRE FENCE LINE [Symbol]
- EXISTING WIRE MESH FENCE LINE [Symbol]
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE [Symbol]
- EXISTING PIPE BOLLARD [Symbol]
- EXISTING MAILBOX [Symbol]
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION [Symbol]
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FC
- EXISTING SEWER MANHOLE [Symbol]
- EXISTING SEWER CLEANOUT [Symbol]
- EXISTING DRAINAGE MANHOLE [Symbol]
- EXISTING SUBSURFACE DRAINAGE [Symbol]
- EXISTING CATCH BASIN/DROP INLET [Symbol]
- EXISTING FIRE HYDRANT [Symbol]
- EXISTING WATER METER [Symbol]
- EXISTING WATER VALVE [Symbol]
- EXISTING WATER LINE [Symbol]
- EXISTING REINFORCED CONCRETE PIPE 18" RCP [Symbol]
- EXISTING CORRUGATED METAL PIPE 24" CMP [Symbol]

NOTE:

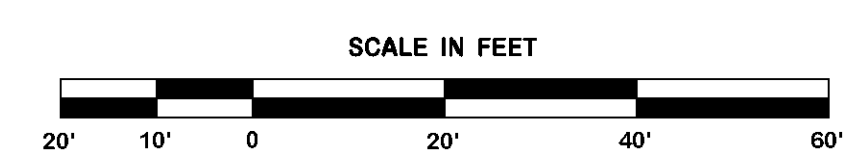
1. SEE SHEETS C-3.0 FOR OVERALL SITE PLAN.
2. SEE SHEETS C-4.0-C-4.8 FOR GRADING PLANS.
3. SEE SHEETS C-5.1-C-5.2 FOR UTILITY PLANS.
4. SEE SHEETS C-8.1-C-8.2 FOR EROSION CONTROL PLANS.
5. SEE SHEETS C-1 FOR GENERAL NOTES.
6. SEE SHEETS D-1-D-6 FOR DETAILS.
7. SEE SHEETS C-2 FOR BUILDING DIMENSIONAL CONTROL PLAN.



LEGEND - NEW IMPROVEMENTS

- BUILDING [Symbol]
- CONCRETE CURB AND GUTTER [Symbol]
- PARKING SPACES [Symbol]
- ADA RAMP [Symbol]
- HEAVY DUTY ASPHALT OR CONCRETE [Symbol]
- STANDARD DUTY PAVEMENT [Symbol]
- SITE LIGHTING POLES [Symbol]
- FIRE HYDRANT [Symbol]
- WATER VALVE [Symbol]
- DOWN SPOUT [Symbol]
- DIRECTIONAL ARROWS [Symbol]
- FLUME [Symbol]
- GARAGES [Symbol]
- SIDEWALK [Symbol]
- DECORATIVE FENCE [Symbol]
- CHAINLINK FENCE [Symbol]
- COMMUNICATIONS BOX [Symbol]
- ELECTRIC BOX [Symbol]
- TREE TO REMAIN [Symbol]

SITE PLAN  
SECTION 2



REVISION	BY

**DDG**  
 DUPLOUNTIS DESIGN GROUP, PC  
 CIVIL ENGINEERING - ARCHITECTURE  
 34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
 WWW.DDGP.COM PHONE: 985-249-6800 FAX: 985-249-6190  
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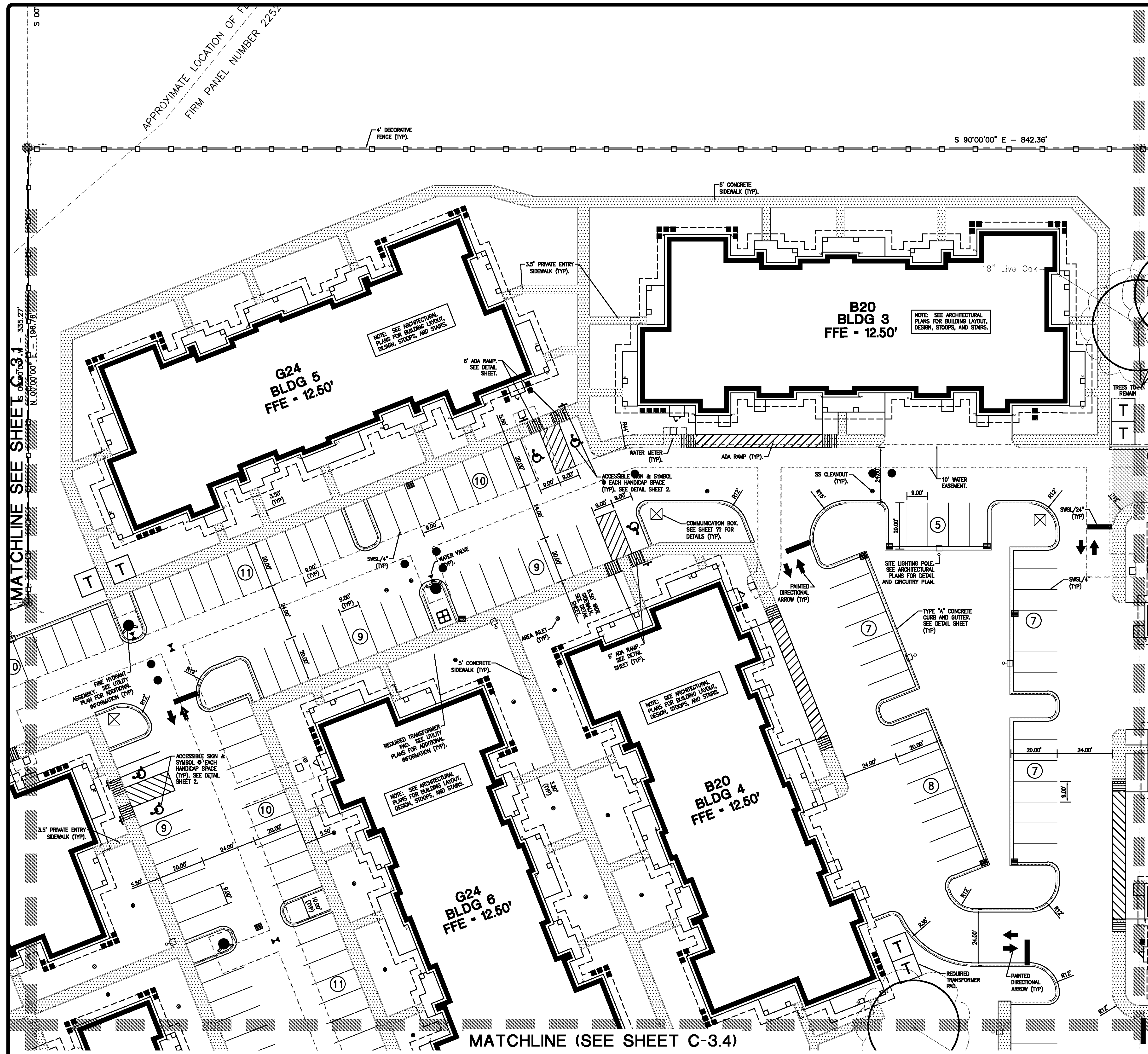
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

DRAWN DGS
CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-3 SITE
SHEET C-3.2

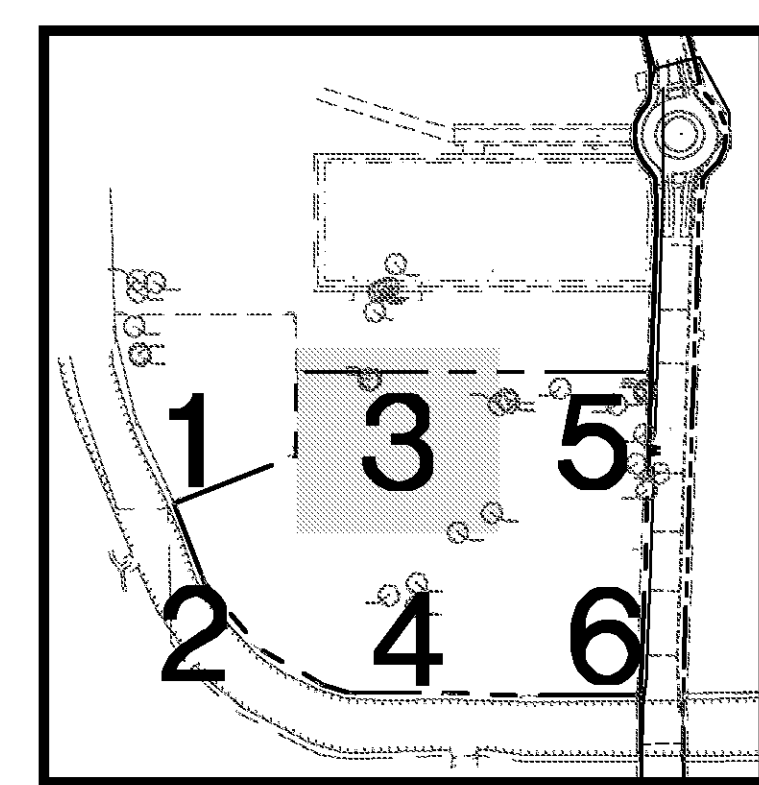
Slidell Youth Football Assoc., Inc.  
 Now at formerly  
 1st. # 363760

14-248 C-3 SITE.dwg



APPROXIMATE LOCATION OF FIRM PANEL NUMBER 2252

MATCHLINE SEE SHEET C-3.1



KEY MAP  
N.T.S.

**LEGEND - STRIPING**

- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE
- SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
- SBSL/4" - SINGLE BLUE SOLID LINE / 4" WIDE
- SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE
- SWSL/8" - SINGLE WHITE SOLID LINE / 8" WIDE

**EXISTING LEGEND**

- FOUND PROPERTY CORNER (AS NOTED)
- SET 3/4" IRON ROD
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING OVERHEAD POWER LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING BARB WIRE FENCE LINE
- EXISTING WIRE MESH FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE
- EXISTING PIPE BOLLARD
- EXISTING MAILBOX
- ELEVATION OF TOP OF STRUCTURE
- ELEVATION OF BOTTOM OF STRUCTURE
- EXISTING SPOT ELEVATION
- ELEVATION OF TOP OF CURB
- ELEVATION OF FACE OF CURB
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING REINFORCED CONCRETE PIPE
- EXISTING CORRUGATED METAL PIPE

**NOTE:**

1. SEE SHEETS C-3.0 FOR OVERALL SITE PLAN.
2. SEE SHEETS C-4.0-C-4.6 FOR GRADING PLANS.
3. SEE SHEETS C-6.1-C-6.2 FOR UTILITY PLANS.
4. SEE SHEETS C-8.1-C-8.2 FOR EROSION CONTROL PLANS.
5. SEE SHEETS C-1 FOR GENERAL NOTES.
6. SEE SHEETS D-1-D-6 FOR DETAILS.
7. SEE SHEETS C-2 FOR BUILDING DIMENSIONAL CONTROL PLAN.

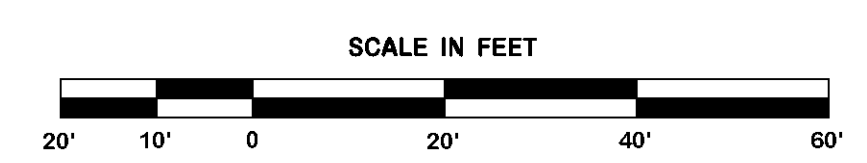
MATCHLINE (SEE SHEET C-3.5)



**LEGEND - NEW IMPROVEMENTS**

- BUILDING
- CONCRETE CURB AND GUTTER
- PARKING SPACES
- ADA RAMP
- HEAVY DUTY ASPHALT OR CONCRETE
- STANDARD DUTY PAVEMENT
- SITE LIGHTING POLES
- FIRE HYDRANT
- WATER VALVE
- DOWN SPOUT
- DIRECTIONAL ARROWS
- FLUME
- GARAGES
- SIDEWALK
- DECORATIVE FENCE
- CHAINLINK FENCE
- COMMUNICATIONS BOX
- ELECTRIC BOX
- TREE TO REMAIN

**SITE PLAN SECTION 3**



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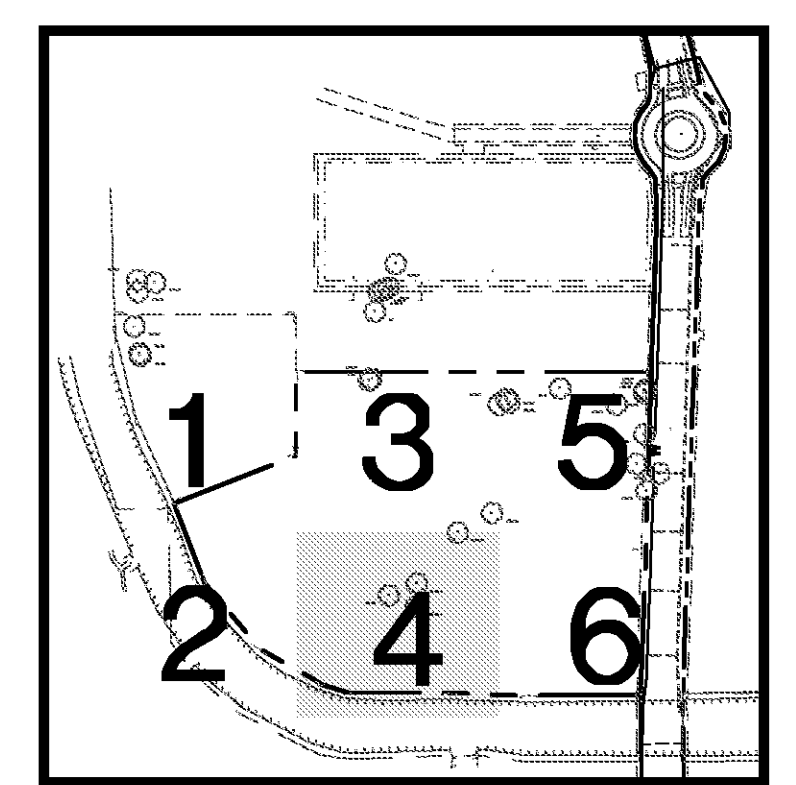
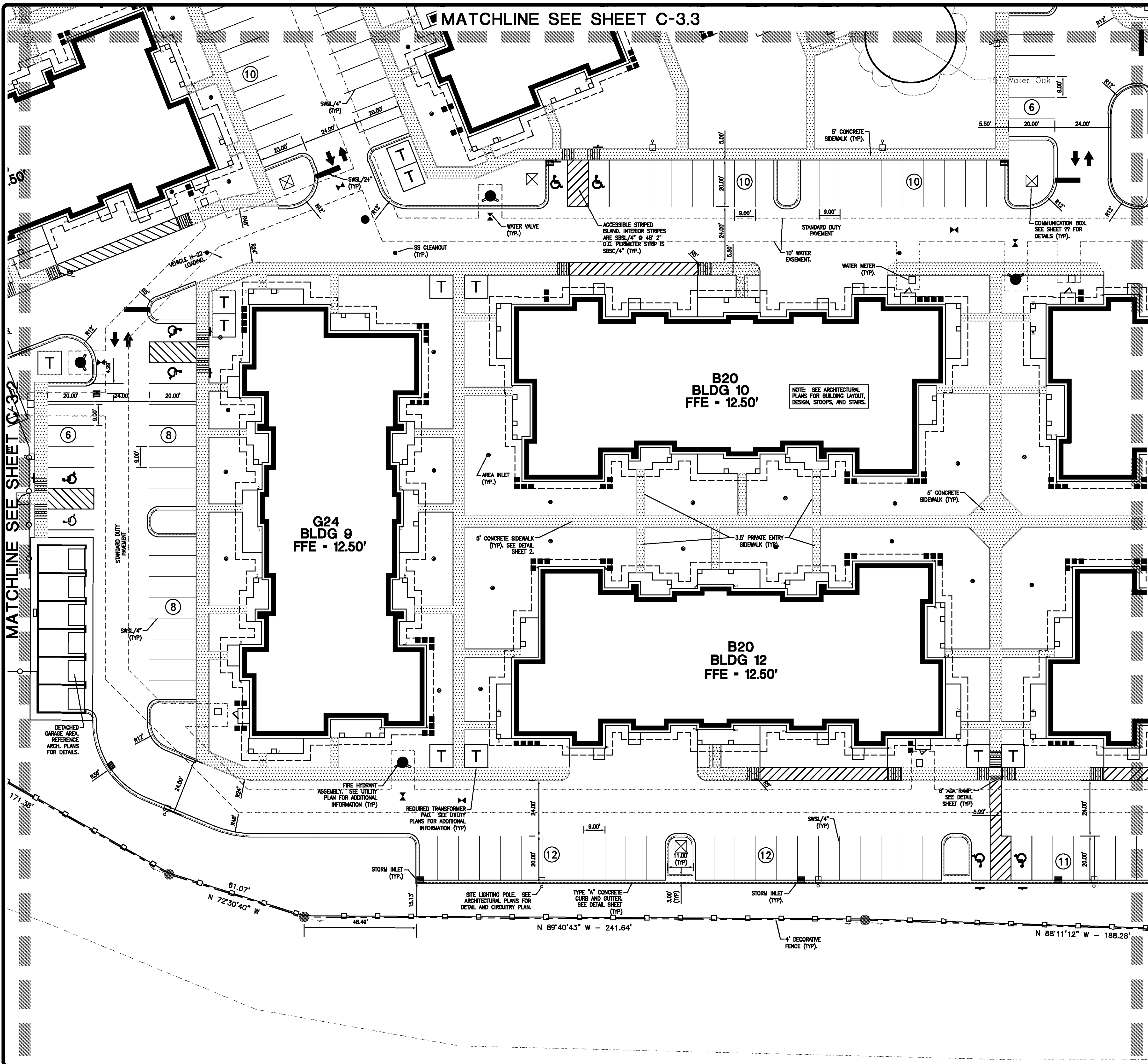
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 CIVIL ENGINEERING - ARCHITECTURE  
 34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

DRAWN DGS  
 CHECKED DEB  
 ISSUED DATE 6/23/14  
 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-3 SITE  
 SHEET C-3.3

14-248 C-3 SITE.dwg



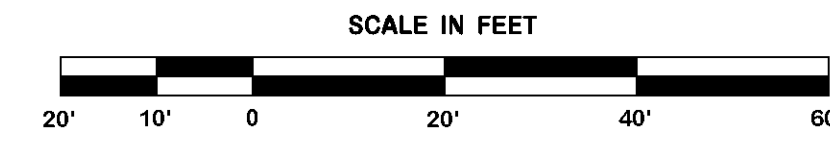
- LEGEND - STRIPING**
- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
  - DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
  - SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE
  - SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
  - SBSL/4" - SINGLE BLUE SOLID LINE / 4" WIDE
  - SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE
  - SWSL/8" - SINGLE WHITE SOLID LINE / 8" WIDE

- EXISTING LEGEND**
- FOUND PROPERTY CORNER (AS NOTED)
  - SET 3/4" IRON ROD
  - EXISTING POWER POLE
  - EXISTING POWER POLE WITH LIGHT
  - EXISTING PARKING LOT LIGHT
  - EXISTING GUY ANCHOR
  - EXISTING TELEPHONE PEDESTAL
  - EXISTING OVERHEAD POWER LINE
  - EXISTING GAS METER
  - EXISTING GAS VALVE
  - EXISTING BARB WIRE FENCE LINE
  - EXISTING WIRE MESH FENCE LINE
  - EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
  - EXISTING PIPE BOLLARD
  - EXISTING MAILBOX
  - ELEVATION OF TOP OF STRUCTURE TOP = 18.00
  - ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
  - EXISTING SPOT ELEVATION
  - ELEVATION OF TOP OF CURB 18.50 TC
  - ELEVATION OF FACE OF CURB 18.00 FC
  - EXISTING SEWER MANHOLE
  - EXISTING SEWER CLEANOUT
  - EXISTING DRAINAGE MANHOLE
  - EXISTING SUBSURFACE DRAINAGE
  - EXISTING CATCH BASIN/DROP INLET
  - EXISTING FIRE HYDRANT
  - EXISTING WATER METER
  - EXISTING WATER VALVE
  - EXISTING WATER LINE
  - EXISTING REINFORCED CONCRETE PIPE 18" RCP
  - EXISTING CORRUGATED METAL PIPE 24" CMP

- NOTE:**
1. SEE SHEETS C-3.0 FOR OVERALL SITE PLAN.
  2. SEE SHEETS C-4.0-C-4.6 FOR GRADING PLANS.
  3. SEE SHEETS C-6.1-C-6.2 FOR UTILITY PLANS.
  4. SEE SHEETS C-8.1-C-8.2 FOR EROSION CONTROL PLANS.
  5. SEE SHEETS C-1 FOR GENERAL NOTES.
  6. SEE SHEETS D-1-D-6 FOR DETAILS.
  7. SEE SHEETS C-2 FOR BUILDING DIMENSIONAL CONTROL PLAN.

- LEGEND - NEW IMPROVEMENTS**
- BUILDING
  - CONCRETE CURB AND GUTTER
  - PARKING SPACES
  - ADA RAMP
  - HEAVY DUTY ASPHALT OR CONCRETE
  - STANDARD DUTY PAVEMENT
  - SITE LIGHTING POLES
  - FIRE HYDRANT
  - WATER VALVE
  - DOWN SPOUT
  - DIRECTIONAL ARROWS
  - FLUME
  - GARAGES
  - SIDEWALK
  - DECORATIVE FENCE
  - CHAINLINK FENCE
  - COMMUNICATIONS BOX
  - ELECTRIC BOX
  - TREE TO REMAIN

**SITE PLAN SECTION 4**



REVISION	BY

**DDG**  
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Duplantis Design Group, PC

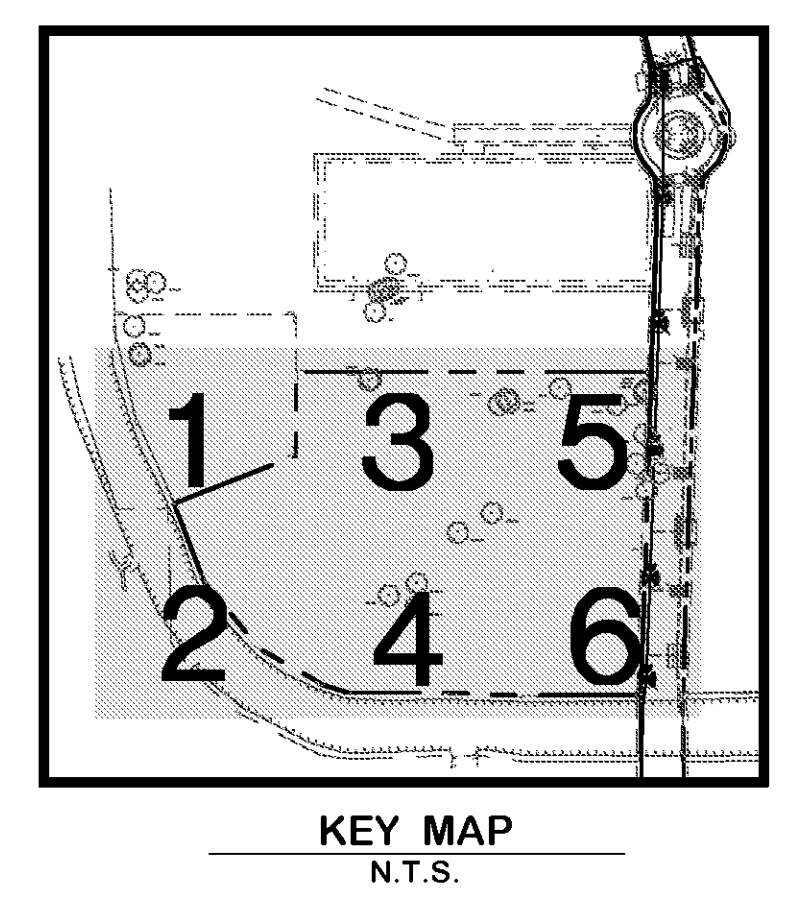
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SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN DGS
CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-3 SITE
SHEET C-3.4





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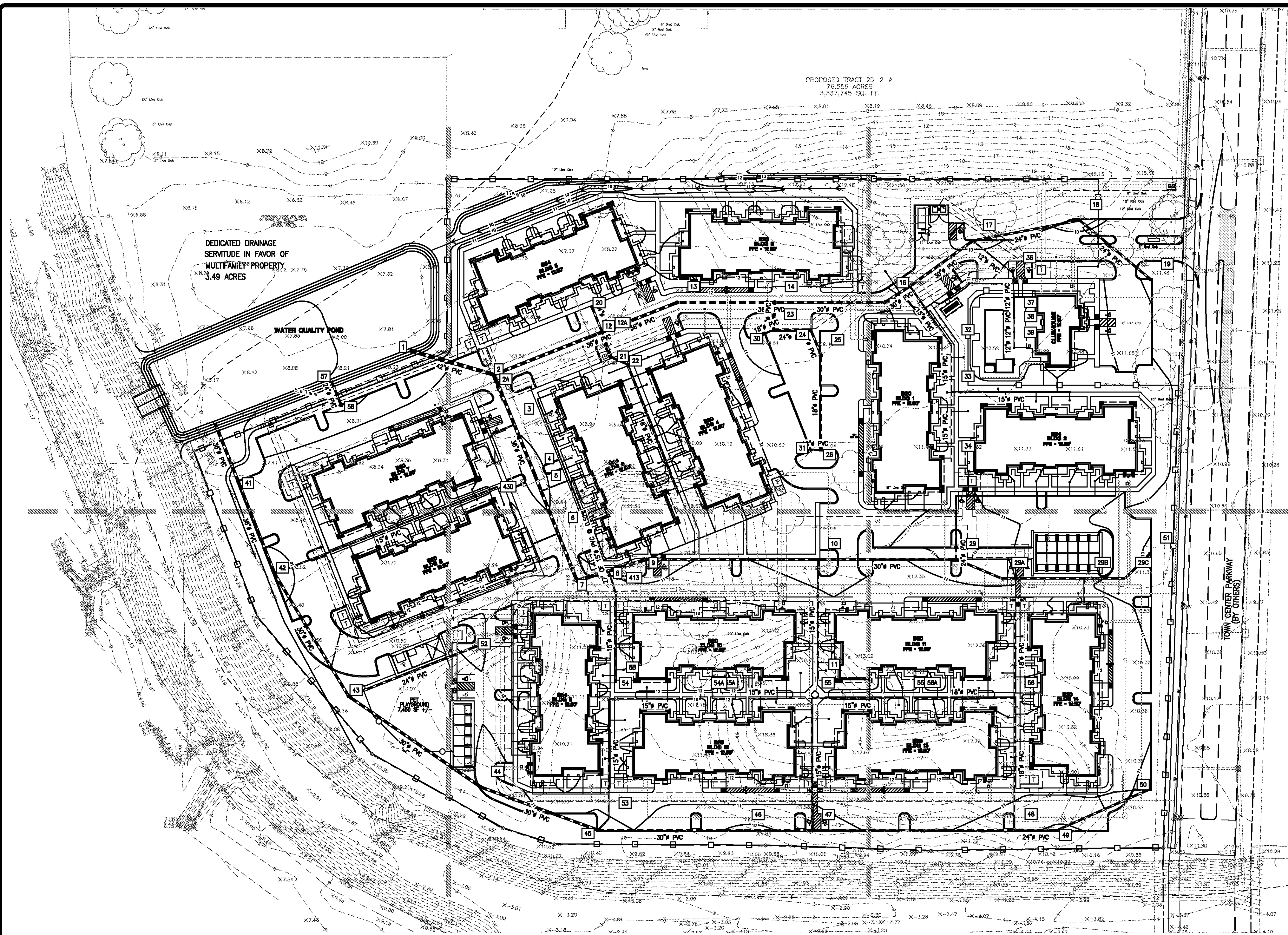


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ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-4 GRADING
SHEET C-4.0



**LEGEND-EXISTING**

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	x10.63
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	⊗*	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊗*	EXISTING SEWER MANHOLE	⊗
EXISTING CABLE TV PEDESTAL	⊗*	EXISTING SEWER CLEANOUT	⊗
EXISTING UNDERGROUND POWER LINE	—UE—	EXISTING GRAVITY SEWER LINE	—S—
EXISTING OVERHEAD POWER LINE	—OE—	EXISTING SEWER FORCE MAIN	—SF—
EXISTING TELEPHONE LINE	—T—	EXISTING DRAINAGE MANHOLE	⊗
EXISTING CABLE TV LINE	—CTV—	EXISTING SUBSURFACE DRAINAGE	—SD—
EXISTING GAS METER	⊗M	EXISTING CATCH BASIN/DROP INLET	⊗
EXISTING GAS VALVE	⊗V	EXISTING FIRE HYDRANT	⊗
EXISTING GAS LINE	—G—	EXISTING WATER METER	⊗W
EXISTING BARB WIRE FENCE LINE	—X—	EXISTING WATER VALVE	⊗W
EXISTING CHAIN LINK LINE	—C—	EXISTING WATER LINE	—W—
EXISTING WOOD FENCE LINE	—O—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

**LEGEND - PROPOSED**

SUBSURFACE DRAINAGE	—SD—
MANHOLE	⊗
AREA INLET	⊗
CONTOUR	—10—
SPOT ELEVATION	⊗
TOP OF CURB SPOT ELEVATION	⊗
GUTTER SPOT ELEVATION	⊗
GRADE TO DRAW	—12.50TC 12.00G—
RIP RAP	⊗

NOTE:  
SEE SHEET C-1.0 GENERAL NOTES FOR GRADING NOTES.  
SEE DETAIL SHEETS D-1 THROUGH D-7 FOR DETAILS.

**GRADING NOTES:**

- TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPOGRAPHIC SURVEY PROVIDED BY ACADIA LAND SURVEYING, INC. DATED 11/06/2013. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR & SUBMIT IT TO THE OWNER FOR REVIEW.
- EXISTING GRADE CONTOURS INTERVAL SHOWN AT ONE FOOT (1').
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES & WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
- CLEARING & GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- FINISHED GRADE CONTOUR INTERVALS SHOWN AT ONE FOOT (1').
- CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER & TELEPHONE SERVICE TO THE BUILDING.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES & BE CONSTRUCTED TO THE SAME.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE SOO OR 4 INCHES OF TOPSOIL, SEED, MULCH, WATER, ETC. CONTRACTOR SHALL MAINTAIN DISTURBED AREAS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH THE LANDSCAPE PLANS.
- ALL SUBGRADE, BASE & PAVEMENT CONSTRUCTION OPERATIONS WITHIN THE CITY OF SLIDELL RIGHT OF WAY SHALL MEET MINIMUM REQUIREMENTS OF THE LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
- THE GEOTECHNICAL REPORT NO. G14-038 DATED 06-02-2014 BY STRALUM ENGINEERING, LLC IS CONSIDERED A PART OF THIS DOCUMENT. THE CONTRACTOR MUST REVIEW IT FOR CONSTRUCTION REQUIREMENTS. IF DIFFERENCES ARE NOTED BETWEEN THESE PLANS AND THE GEOTECHNICAL REPORT, THE REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT WILL GOVERN. THE CONTRACTOR MUST CONTACT THE OWNER, CIVIL ENGINEER, AND GEOTECHNICAL FIRM AND INFORM THEM OF ALL DISCREPANCIES AND PLAN MODIFICATIONS.

**PIPE NOTES:**

- NOTES:
- PRIOR TO UTILIZING A PIPE OTHER THAN RCP, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THAT THE PIPE HAS ADEQUATE COVER AND EMBEDMENT PER THE MANUFACTURER'S RECOMMENDATIONS.
  - THE CONTRACTOR SHALL SUBMIT BUOYANCY CALCULATIONS ON ALL RUNS OF PIPE THAT DO NOT UTILIZE CONCRETE PIPE. BUOYANCY CALCULATIONS SHALL BE PREPARED, SIGNED, & SEALED BY A REGISTERED ENGINEER. SHALL REPRESENT ACTUAL FIELD CONDITIONS, & SHALL DEMONSTRATE THAT THE PIPE UTILIZED WILL NOT BECOME BUOYANT. THE CONTRACTOR MAY ELECT TO PROVIDE A RESTRAINING SYSTEM, DESIGNED BY A REGISTERED ENGINEER, ADEQUATE TO RESIST BUOYANT FORCES WHERE NECESSARY.

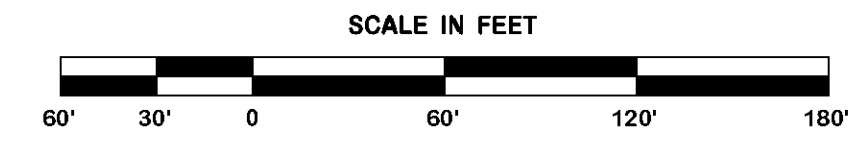
**STRUCTURE TYPES:**

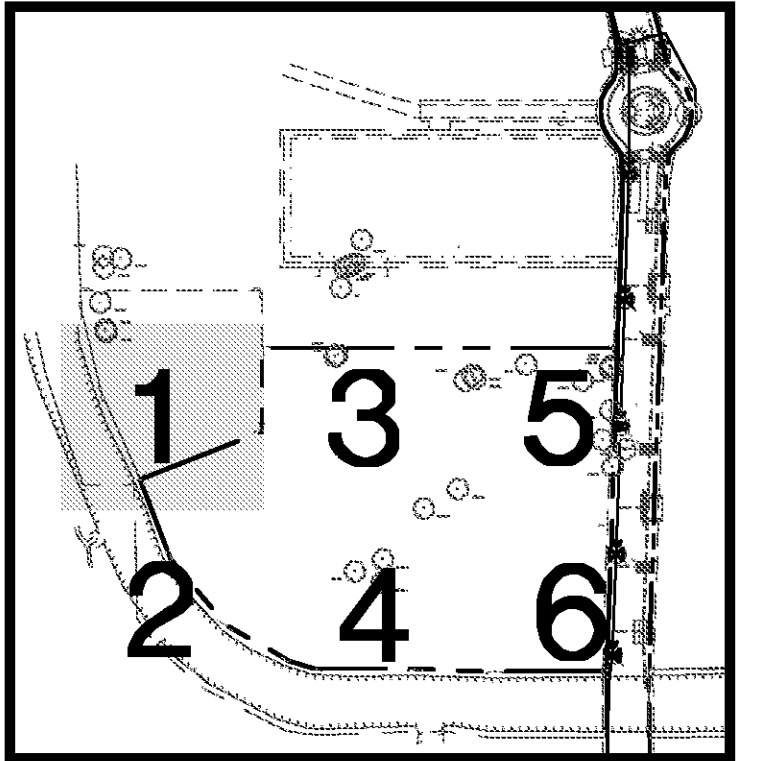
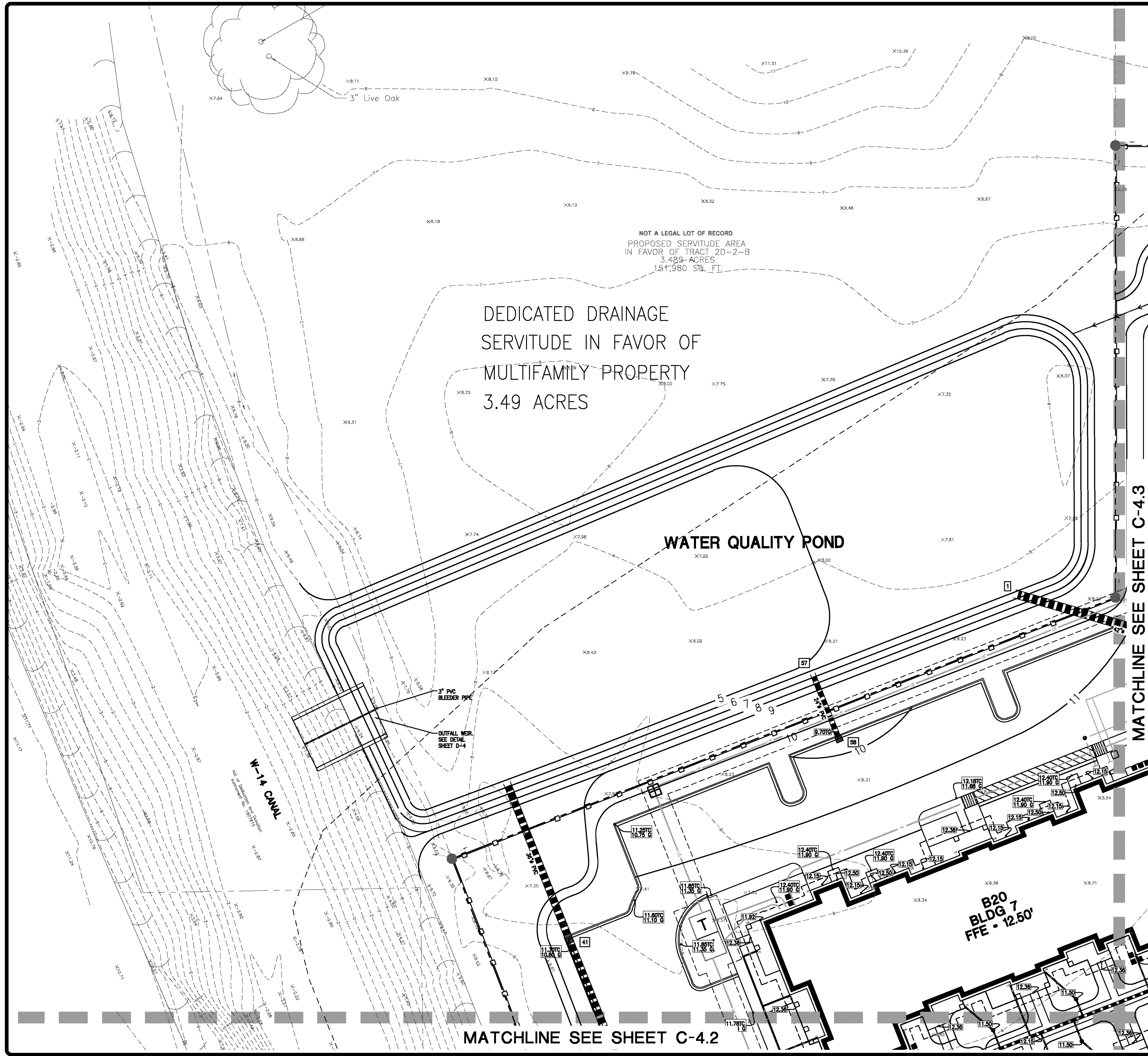
DRAINAGE STRUCTURES SHALL BE PRECAST OR CAST-IN-PLACE CONCRETE IN ACCORDANCE WITH DOTD REQUIREMENTS AS FOLLOWS:

AREA INLETS	CB-01 (PIPE SIZE 36" & SMALLER)
MANHOLES	CB-02 (PIPES LARGER THAN 36")
MANHOLES FLUMES	RCP-11 MOD.

SEE DETAIL SHEET  
 ALL INLET FRAMES & GRATES SHALL BE VULCAN FOUNDRY CORP. CATALOG #V-4863 OR EQUAL.

**GRADING PLAN  
OVERALL**





**LEGEND - PROPOSED**

SUBSURFACE DRAINAGE	
MANHOLE	
AREA INLET	
CONTOUR	
SPOT ELEVATION	
TOP OF CURB SPOT ELEVATION	
GUTTER SPOT ELEVATION	
GRADE TO DRAIN	
RIP RAP	

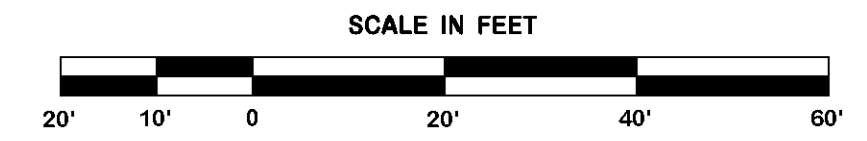
**LEGEND-EXISTING**

FOUND PROPERTY CORNER (AS NOTED)		ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE		ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT		EXISTING SPOT ELEVATION	X
EXISTING PARKING LOT LIGHT		ELEVATION OF TOP OF CURB	18.00 TC
EXISTING GUY ANCHOR		ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL		EXISTING SEWER MANHOLE	
EXISTING CABLE TV PEDESTAL		EXISTING SEWER CLEANOUT	
EXISTING UNDERGROUND POWER LINE		EXISTING GRAVITY SEWER LINE	
EXISTING OVERHEAD POWER LINE		EXISTING SEWER FORCE MAIN	
EXISTING TELEPHONE LINE		EXISTING DRAINAGE MANHOLE	
EXISTING CABLE TV LINE		EXISTING SUBSURFACE DRAINAGE	
EXISTING GAS METER		EXISTING CATCH BASIN/DROP INLET	
EXISTING GAS VALVE		EXISTING FIRE HYDRANT	
EXISTING GAS LINE		EXISTING WATER METER	
EXISTING BARB WIRE FENCE LINE		EXISTING WATER VALVE	
EXISTING CHAIN LINK LINE		EXISTING WATER LINE	
EXISTING WOOD FENCE LINE		EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

**STRUCTURE TABLE**

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
1	OPEN PIPE	11.99	5.00 (2)				
40	OPEN PIPE	8.45	5.00 (41)				
41	AREA INLET	8.85	5.19 (42)	5.19 (40)	73.56	36" PVC	0.28%
40-41							
57	OPEN PIPE	8.82	7.00 (58)				
58	AREA INLET	8.85		7.15 (57)	30.67	24" PVC	0.48%
57-58							

# GRADING PLAN SECTION 1



REVISION	BY

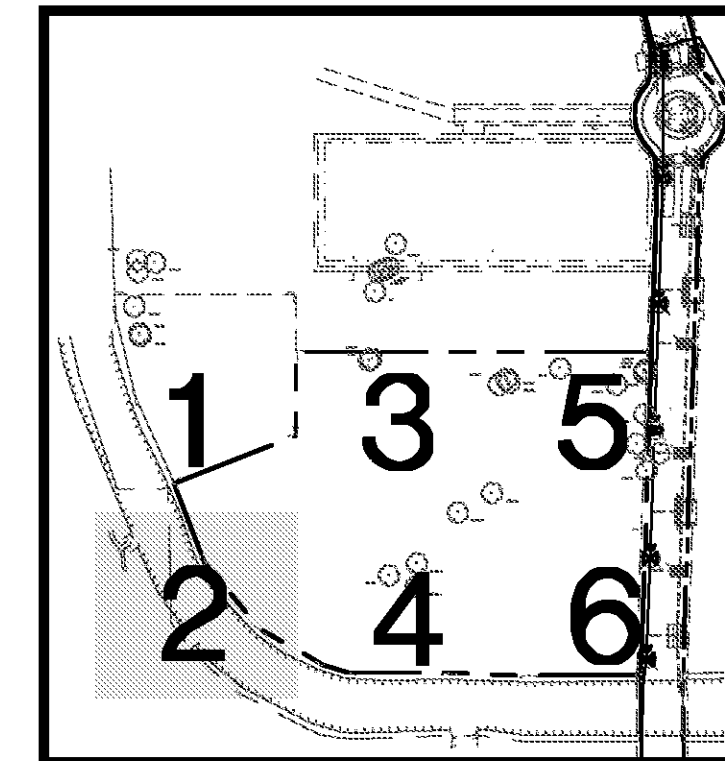
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SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

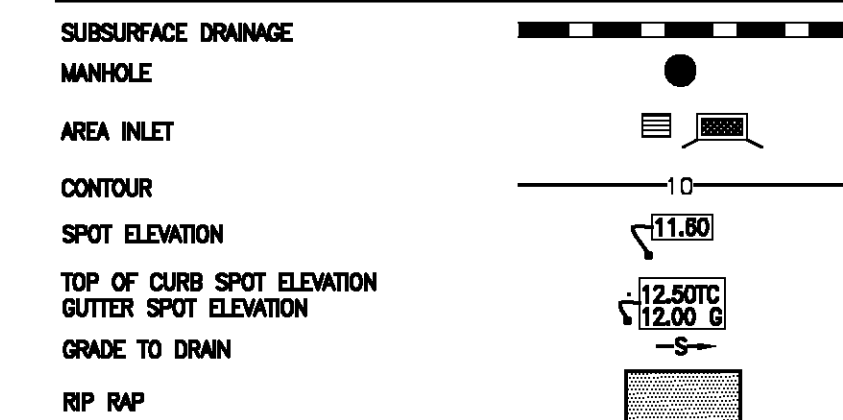
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CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-4 GRADING
SHEET <b>C-4.1</b>

MATCHLINE SEE SHEET C-4.1



KEY MAP  
N.T.S.

LEGEND - PROPOSED



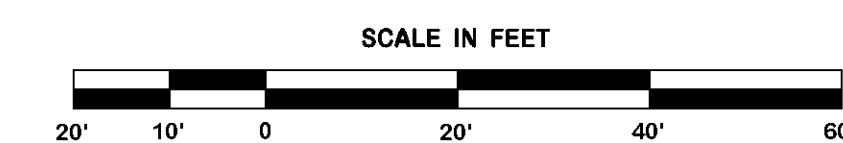
LEGEND-EXISTING

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	X
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	○ C.C.
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	○ C.C.
EXISTING UNDERGROUND POWER LINE	—UE—	EXISTING GRAVITY SEWER LINE	—S—
EXISTING OVERHEAD POWER LINE	—OE—	EXISTING SEWER FORCE MAIN	—SFM—
EXISTING TELEPHONE LINE	—T—	EXISTING DRAINAGE MANHOLE	⊞
EXISTING CABLE TV LINE	—CTV—	EXISTING SUBSURFACE DRAINAGE	====
EXISTING GAS METER	GM □	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊞GV	EXISTING FIRE HYDRANT	○
EXISTING GAS LINE	—G—	EXISTING WATER METER	WM ○
EXISTING BARB WIRE FENCE LINE	—X—	EXISTING WATER VALVE	⊞WV
EXISTING CHAIN LINK LINE	—C—	EXISTING WATER LINE	—W—
EXISTING WOOD FENCE LINE	—W—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	—HDPE—	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	—PVC—	EXISTING CORRUGATED METAL PIPE	24" CMP

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
42	AREA INLET	8.65	5.42 (43)	5.42 (41)	112.25	36" PVC	0.20%
41-42			5.42 (430)				
43	MANHOLE	10.50	5.75 (44)	5.75 (42)	163.48	30" PVC	0.20%
42-43			5.75 (52)				

GRADING PLAN  
SECTION 2



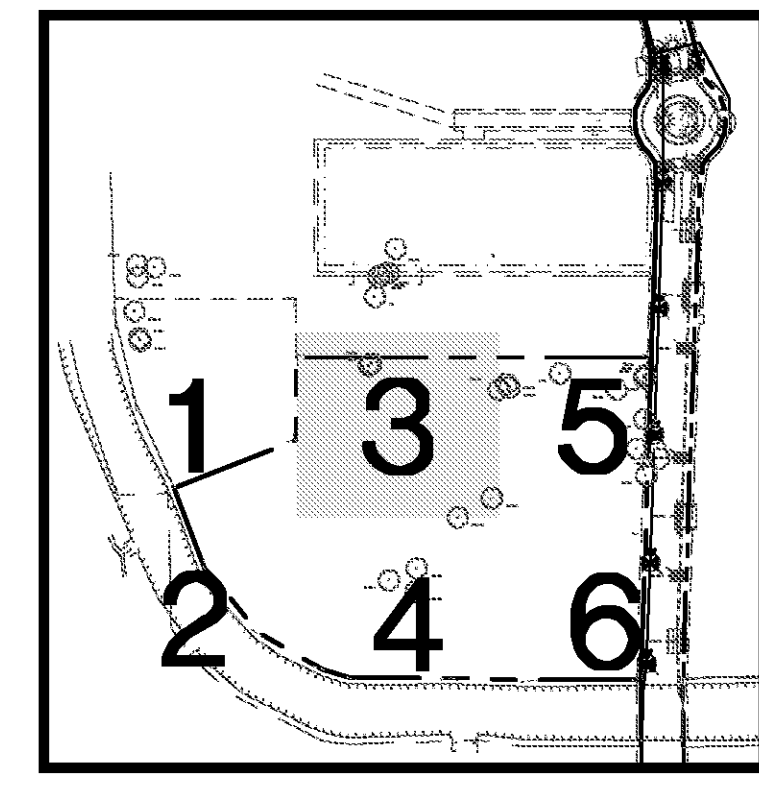
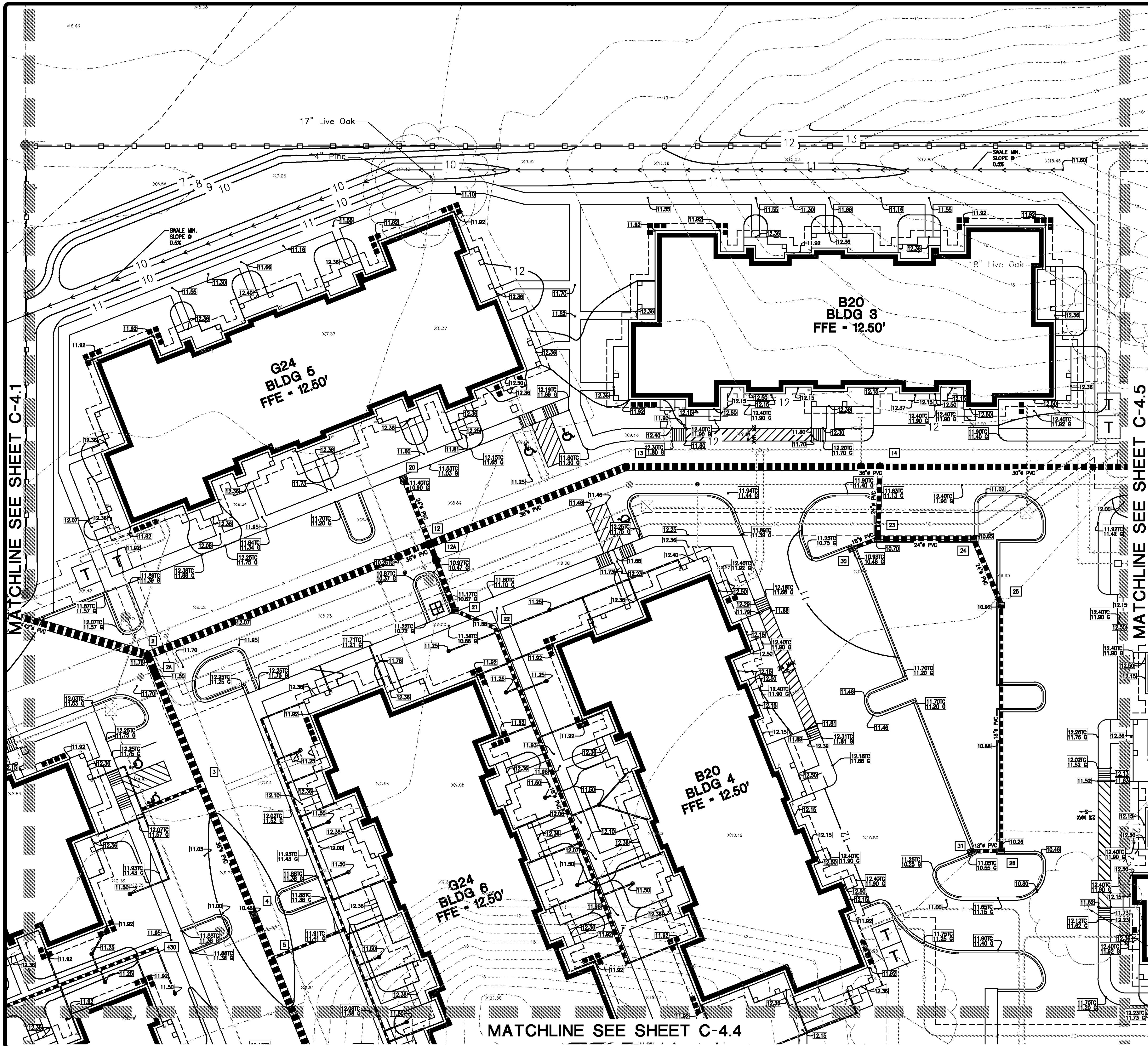
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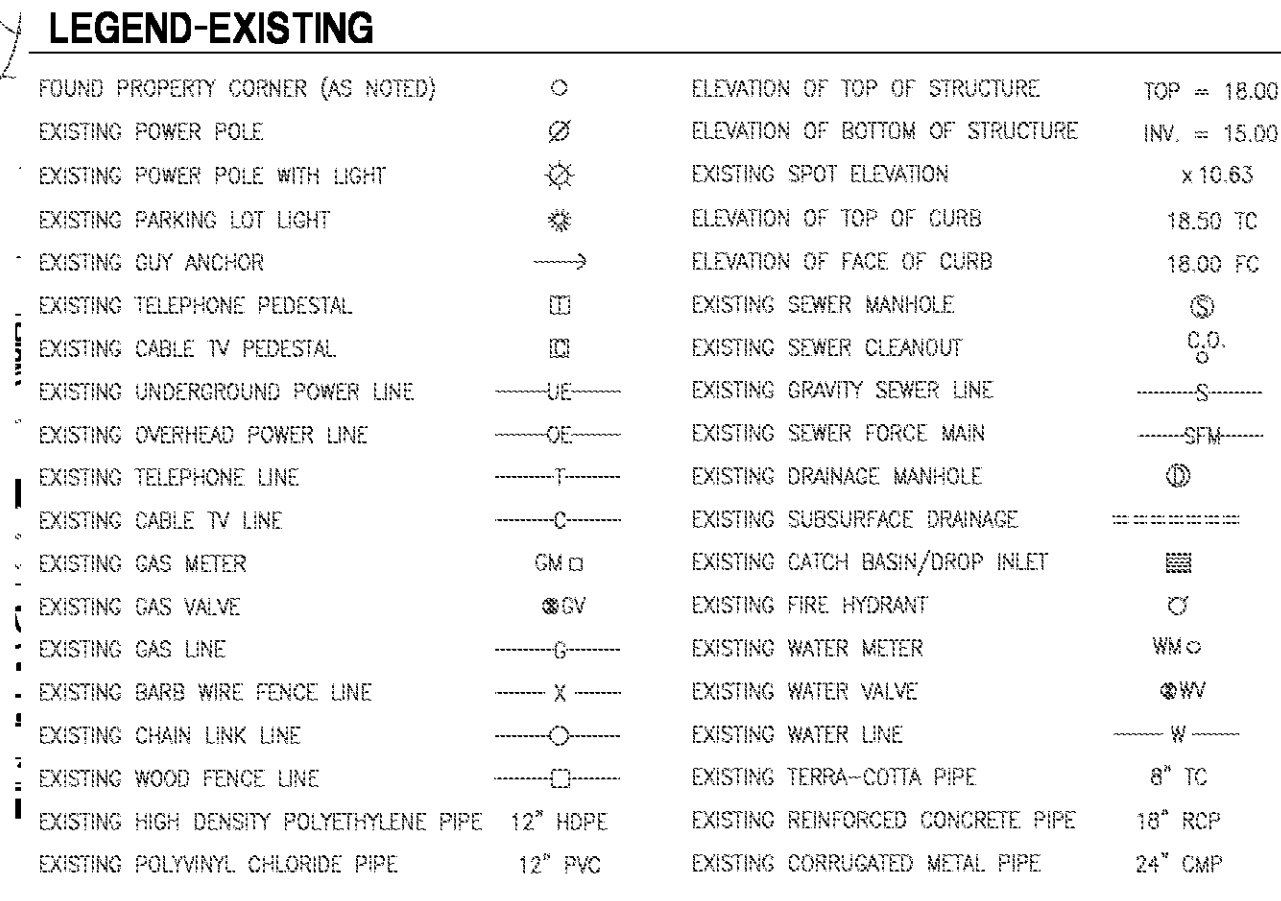
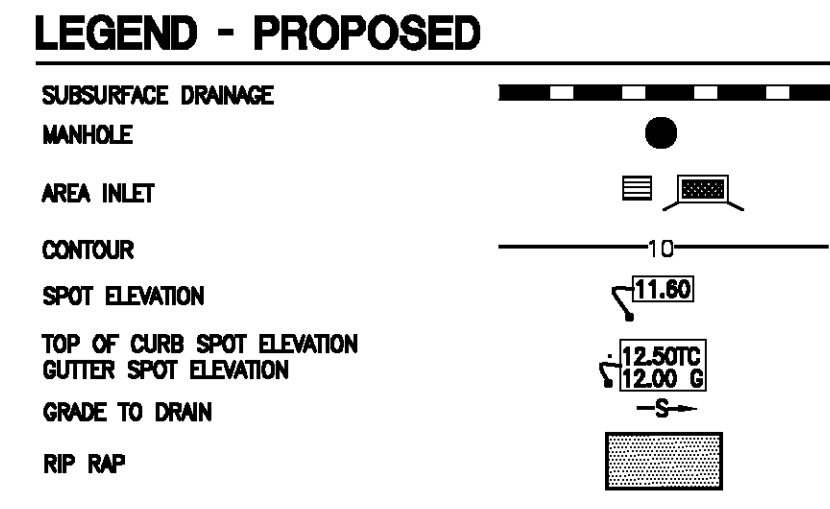
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONONEE FALLS, WI

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 FILE 14-248 C-4 GRADING  
 SHEET C-4.2



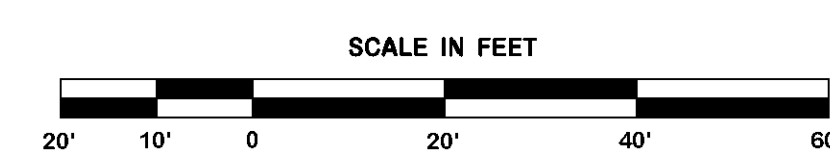
KEY MAP  
N.T.S.



**STRUCTURE TABLE**

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE	
2	MANHOLE	11.75	5.21 (2B)	5.21 (1)	101.49	42" PVC	0.21%	
1-2			5.21 (2A)					
2A	CONFLICT BOX	11.75	5.22 (3)	5.23 (2)	7.70	36" PVC	0.20%	
3	OPEN PIPE	9.85	5.33 (4)	5.33 (2A)	54.00	36" PVC	0.20%	
2-3			6.09 (362)					
4	AREA INLET	10.48	5.45 (5)	5.45 (3)	61.16	36" PVC	0.20%	
3-4								
5	OPEN PIPE	9.85	5.49 (6)	5.48 (4)	20.55	36" PVC	0.19%	
4-5			5.85 (299)					
12	MANHOLE	11.00	5.48 (12A)	5.48 (2B)	14.76	36" PVC	0.20%	
2B-12			5.48 (20)					
12A	CONFLICT BOX	10.65	5.51 (21)	5.51 (12)	7.71	24" PVC	0.36%	
12-12A								
13	MANHOLE	11.00	5.88 (13A)	5.88 (12)	92.28	36" PVC	0.20%	
12-13								
14	MANHOLE	11.50	7.12 (23)	5.88 (15)	6.38	36" PVC	0.20%	
13-14			5.88 (13A)					
20	AREA INLET	10.90	5.64 (12)	5.64 (12)	31.06	24" PVC	0.52%	
12-20								
21	AREA INLET	10.67	5.63 (22)	5.63 (12A)	23.33	24" PVC	0.51%	
12-21								
22	OPEN PIPE	9.85	5.73 (BEND)	5.73 (21)	19.25	18" PVC	0.52%	
21-22								
23	AREA INLET	10.38	7.17 (24)	5.84 (30)	7.18 (14)	31.48	24" PVC	0.19%
14A-23								
24	AREA INLET	10.46	7.25 (25)	7.25 (23)	42.01	24" PVC	0.19%	
23-24								
25	AREA INLET	10.92	7.31 (26)	7.31 (24)	31.54	24" PVC	0.19%	
24-25								
26	AREA INLET	10.14	7.52 (31)	7.52 (25)	107.43	18" PVC	0.20%	
25-26								
30	AREA INLET	9.85	5.97 (23)	5.97 (23)	12.17	18" PVC	0.25%	
23-30								
31	AREA INLET	9.94	7.55 (26)	7.55 (26)	13.27	18" PVC	0.23%	
26-31								

# GRADING PLAN SECTION 3



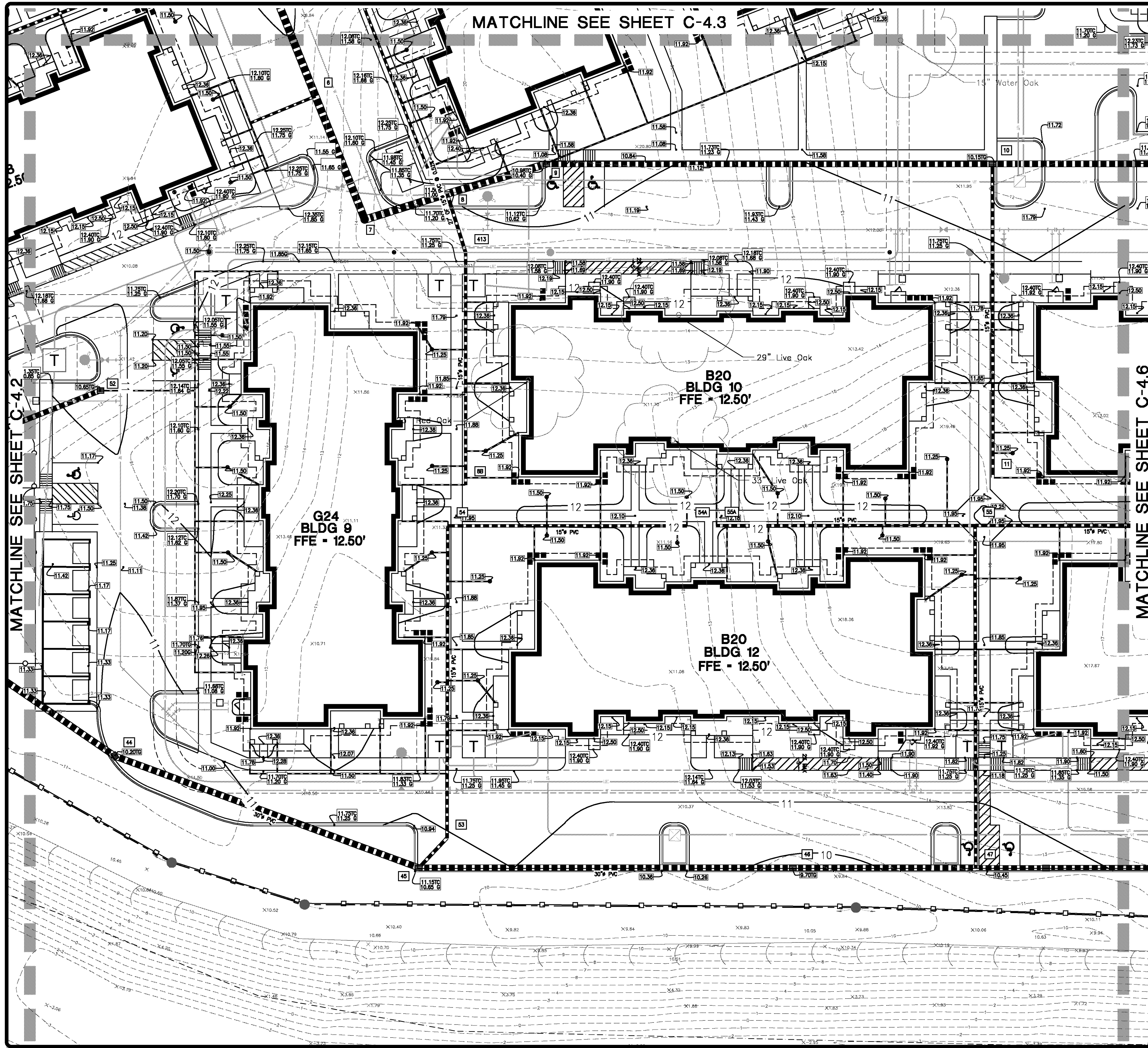
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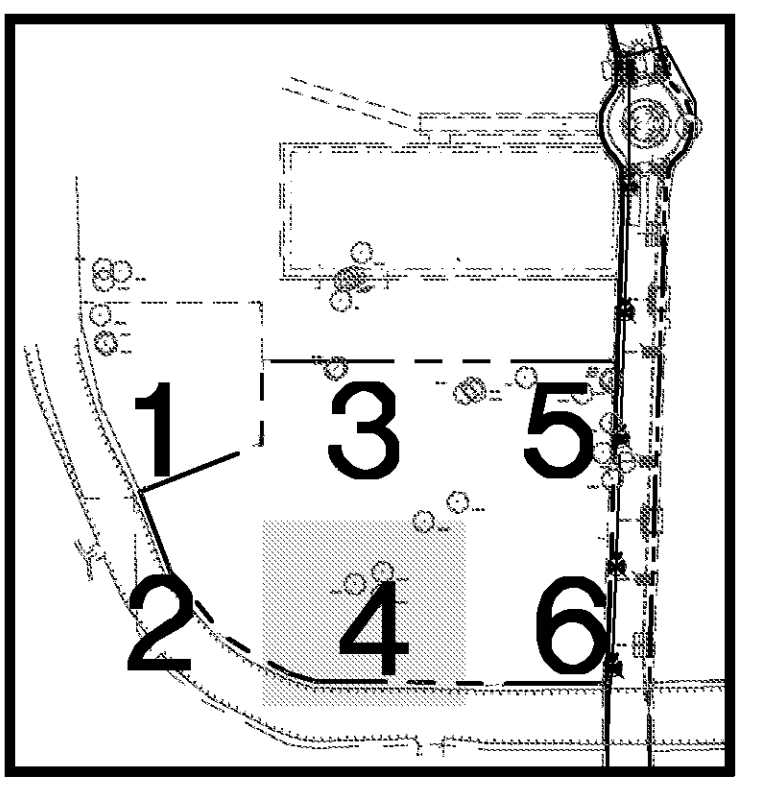
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CHECKED DEB
ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-4 GRADING
SHEET <b>C-4.3</b>



MATCHLINE SEE SHEET C-4.3

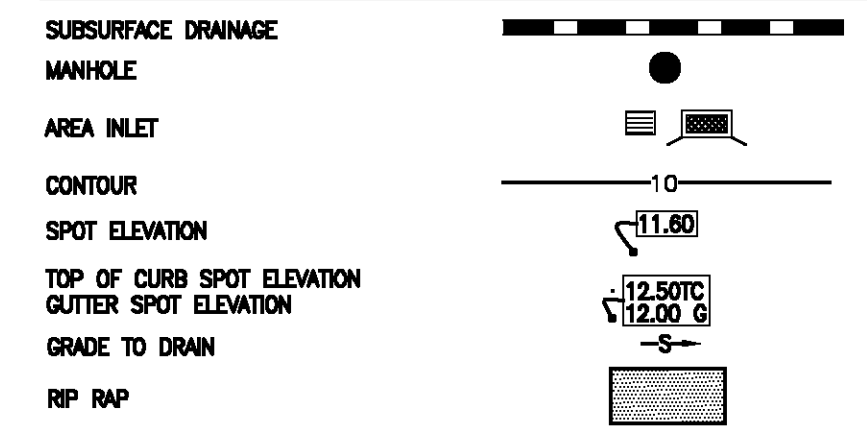
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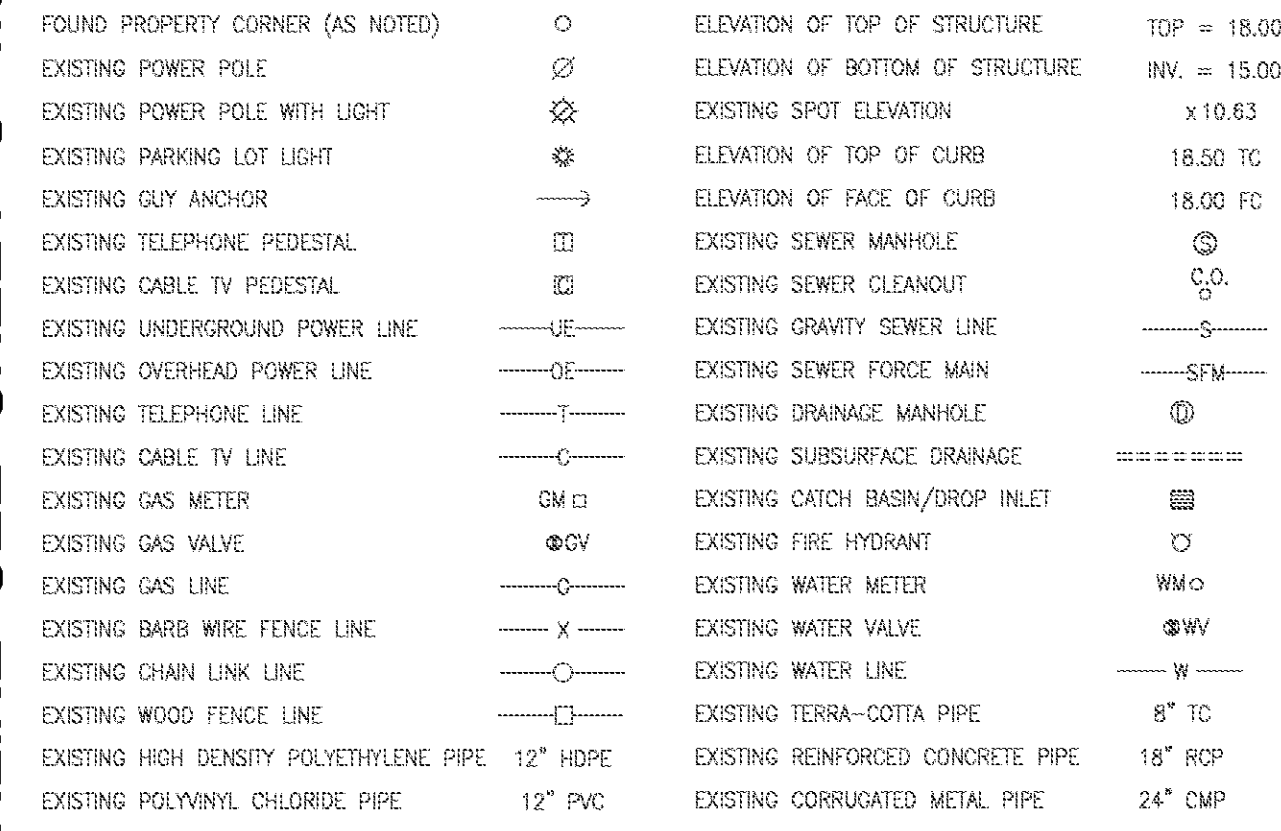


KEY MAP  
N.T.S.

LEGEND - PROPOSED

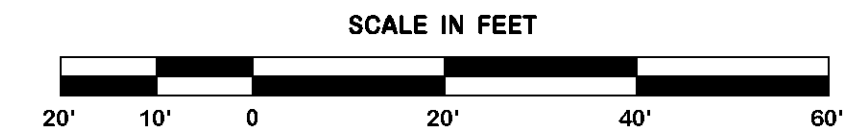


LEGEND-EXISTING



STRUCTURE TABLE						
STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE PIPE SLOPE
6	OPEN PIPE	9.65	5.59 (7)	5.59 (5)	51.86	36" PVC 0.18%
5-6			6.08 (426)			
7	MANHOLE	11.55	5.71 (8)	5.71 (8)	58.24	36" PVC 0.21%
7-8	OPEN PIPE	9.65	5.79 (9)	5.79 (7)	37.87	36" PVC 0.21%
8			6.16 (415)			
8B	OPEN PIPE	9.65		6.44 (413)	101.78	15" PVC 0.00%
8-9	AREA INLET	9.65	5.88 (10)	5.88 (8)	45.34	36" PVC 0.20%
9						
10	AREA INLET	10.15	7.80 (11)	8.27 (9)	195.54	30" PVC 0.20%
9-10			6.27 (29)			
11	OPEN PIPE	9.69		8.08 (10)	137.85	15" PVC 0.20%
11						
43	MANHOLE	10.50	5.75 (44)	5.75 (42)	183.48	30" PVC 0.20%
42-43			5.75 (92)			
44	AREA INLET	10.20	6.12 (45)	6.12 (43)	183.00	30" PVC 0.20%
43-44						
45	AREA INLET	10.85	6.40 (46)	6.40 (44)	142.02	30" PVC 0.20%
44-45			6.95 (53)			
46	AREA INLET	9.70	6.73 (47)	6.73 (45)	183.92	30" PVC 0.20%
45-46						
47	OPEN PIPE	10.95	6.89 (47A)	6.89 (46)	80.21	30" PVC 0.20%
46-47			7.52 (55)			
52	AREA INLET	10.85		6.08 (43)	155.37	24" PVC 0.20%
43-52						
53	OPEN PIPE	9.65	7.04 (54)	7.04 (48)	17.88	15" PVC 0.50%
52-53						
54	OPEN PIPE	9.65	7.72 (54A)	7.72 (53)	136.99	15" PVC 0.50%
53-54						
54A	OPEN PIPE	10.03		8.24 (54)	104.72	15" PVC 0.50%
54-54A						
55	OPEN PIPE	10.38	8.57 (55A)	8.27 (47)	150.15	15" PVC 0.50%
47-55			8.57 (55B)			
55A						

GRADING PLAN  
SECTION 4



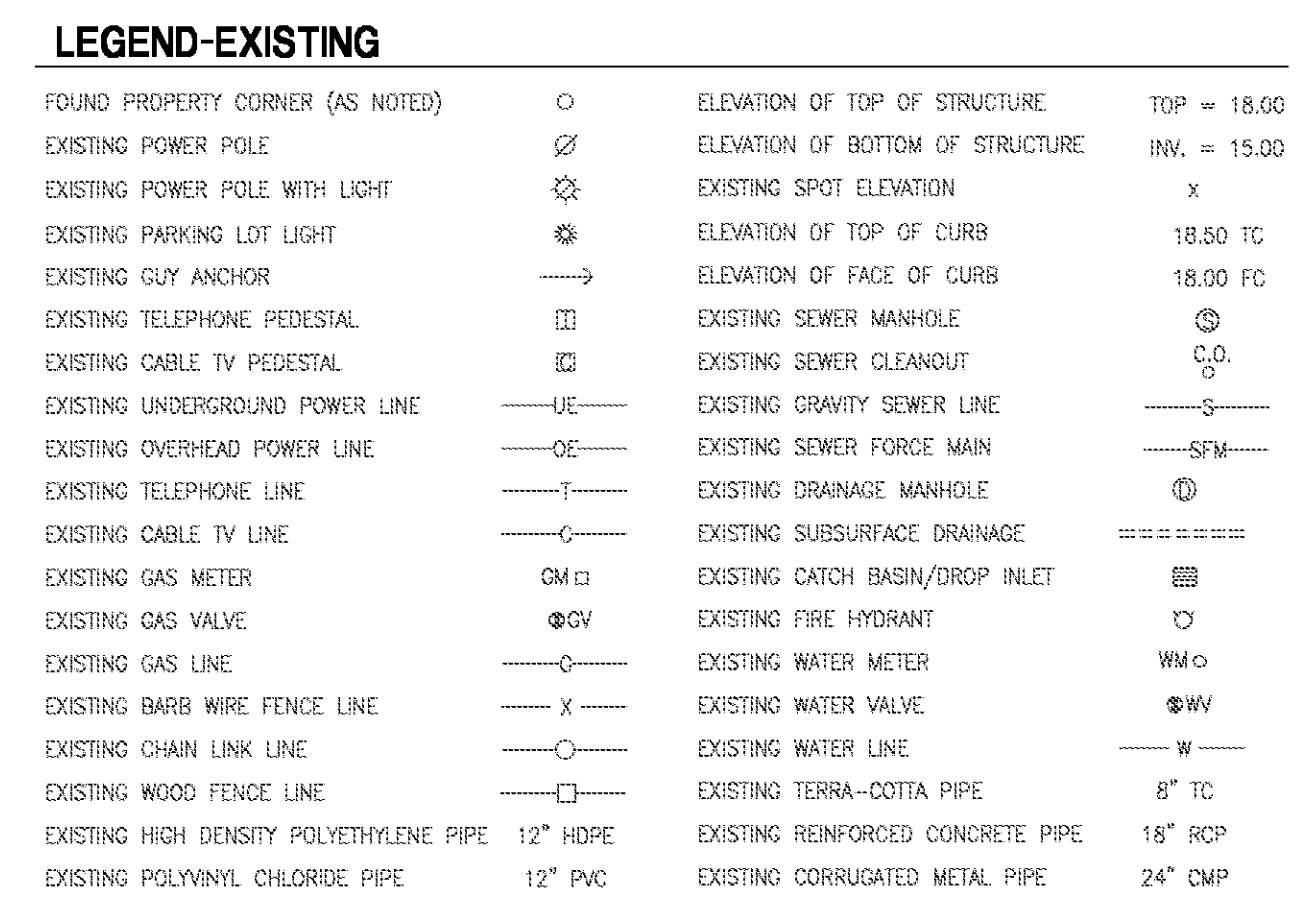
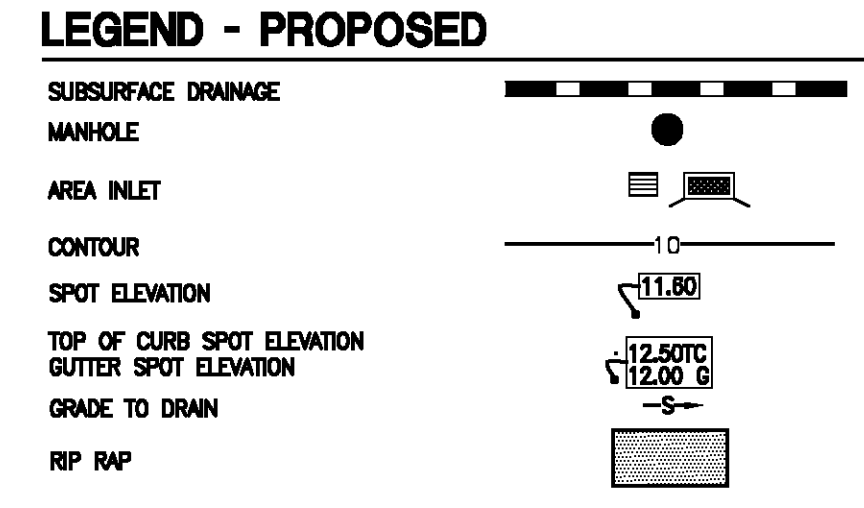
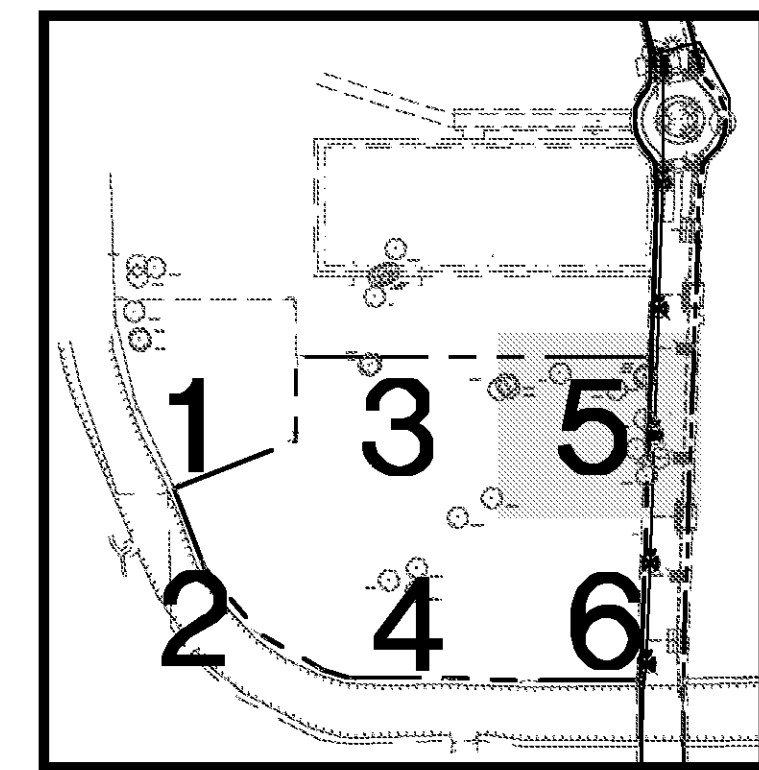
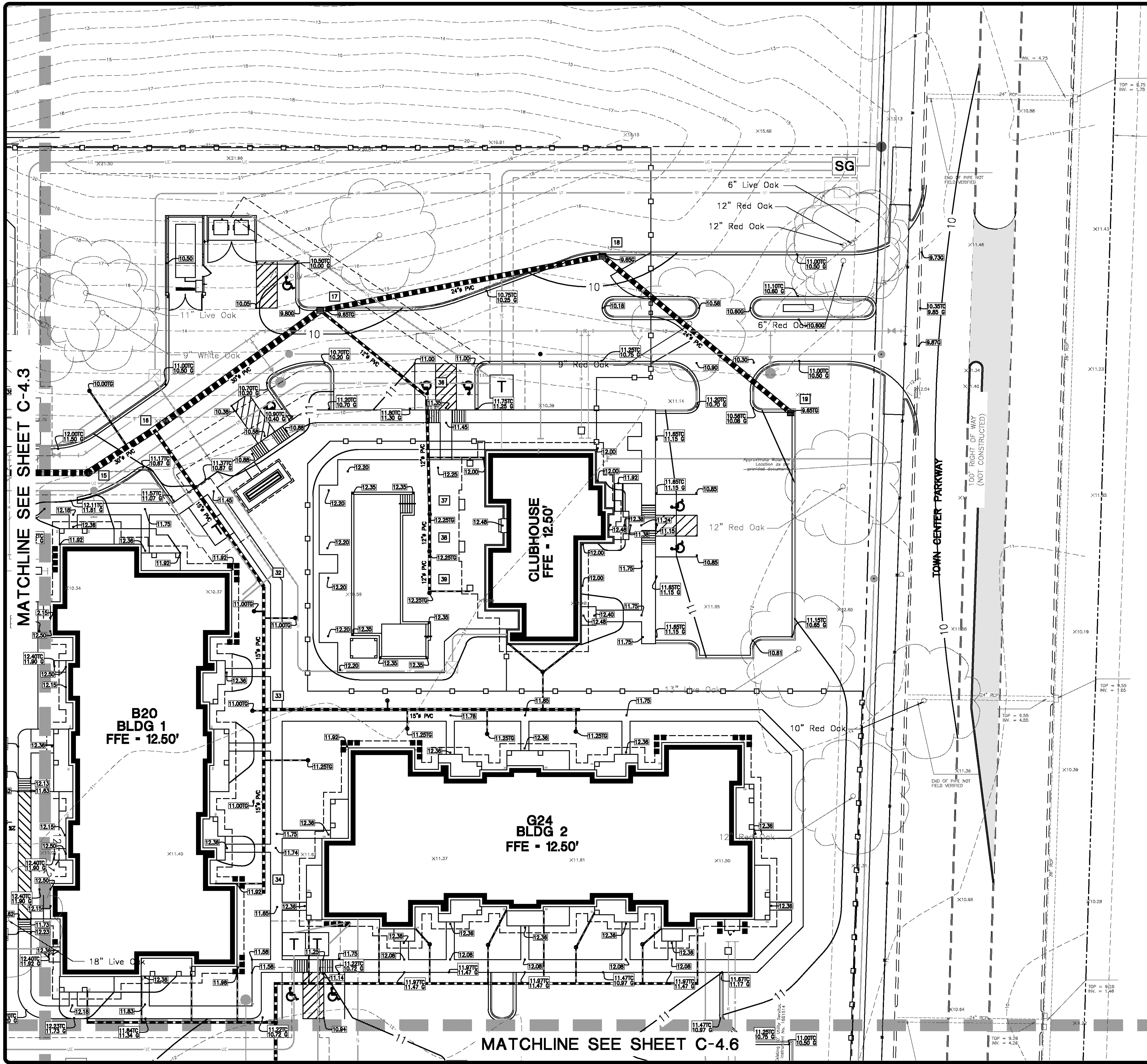
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 ST. TAMMANY PARISH  
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 MEMONIEE FALLS, WI

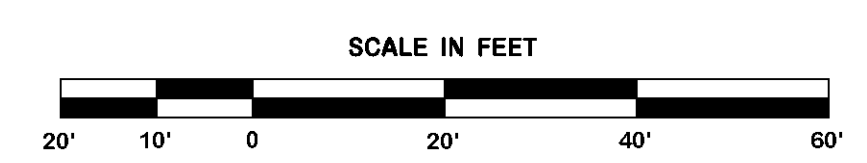
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PERMITTING  
 PROJECT NO.  
14-248  
 FILE  
14-248 C-4 GRADING  
 SHEET  
C-4.4



**STRUCTURE TABLE**

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
15	MANHOLE	11.80	6.13 (16)	6.13 (14)	125.74	30" PVC	0.20%
14-15							
16	TEE	9.65	6.83 (32) 6.20 (17)	6.20 (15)	33.89	30" PVC	0.21%
17	AREA INLET	9.65	6.30 (18) 6.21 (36)	6.38 (16)	88.42	30" PVC	0.20%
18-17							
18	AREA INLET	9.65	6.55 (19)	6.55 (17)	124.15	24" PVC	0.20%
17-18							
19	AREA INLET	9.65	6.76 (18)	6.76 (18)	105.81	24" PVC	0.20%
18-19							
32 (153)	OPEN PIPE	9.65	7.51 (33)	7.24 (16)	82.60	15" PVC	0.50%
33 (152) (1)	OPEN PIPE	9.65	7.78 (34) 7.78 (35)	7.78 (32)	53.22	15" PVC	0.51%
34 (152)	OPEN PIPE	9.79	8.18 (33)	8.18 (33)	78.43	15" PVC	0.50%
35 (154)	OPEN PIPE	10.08	8.45 (33)	8.45 (33)	138.49	15" PVC	0.49%
36 281	BEND	9.65	6.48 (37)	6.48 (17)	59.07	12" PVC	0.46%
37 301	YARD INLET	12.25	6.74 (38)	6.74 (36)	51.03	12" PVC	0.21%
38 11212	YARD INLET	12.25	6.82 (39)	6.82 (37)	18.02	12" PVC	0.20%
39 341	YARD INLET	12.25	6.91 (38)	6.91 (38)	17.99	12" PVC	0.20%

# GRADING PLAN SECTION 5



**REVISION BY**

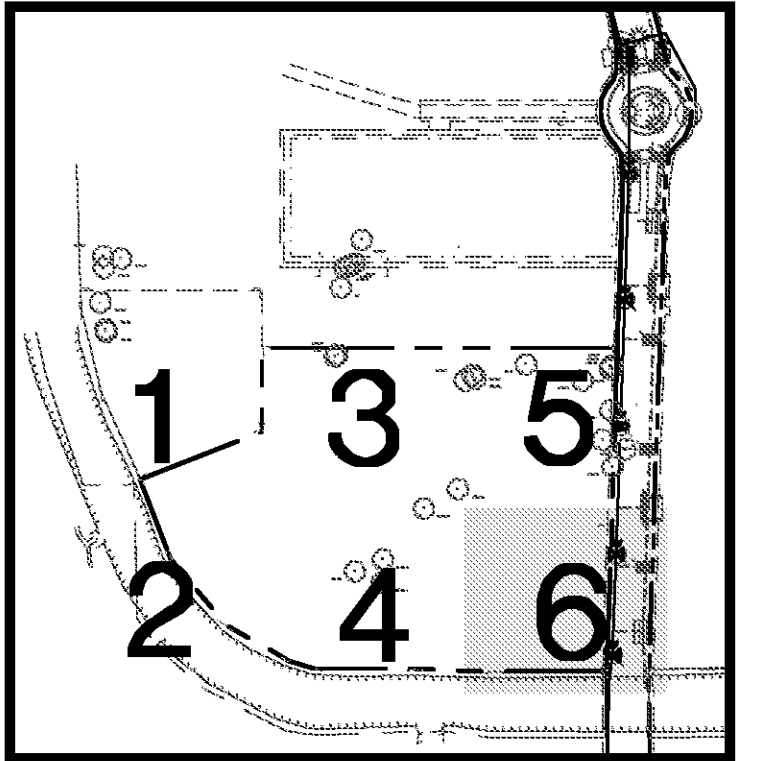
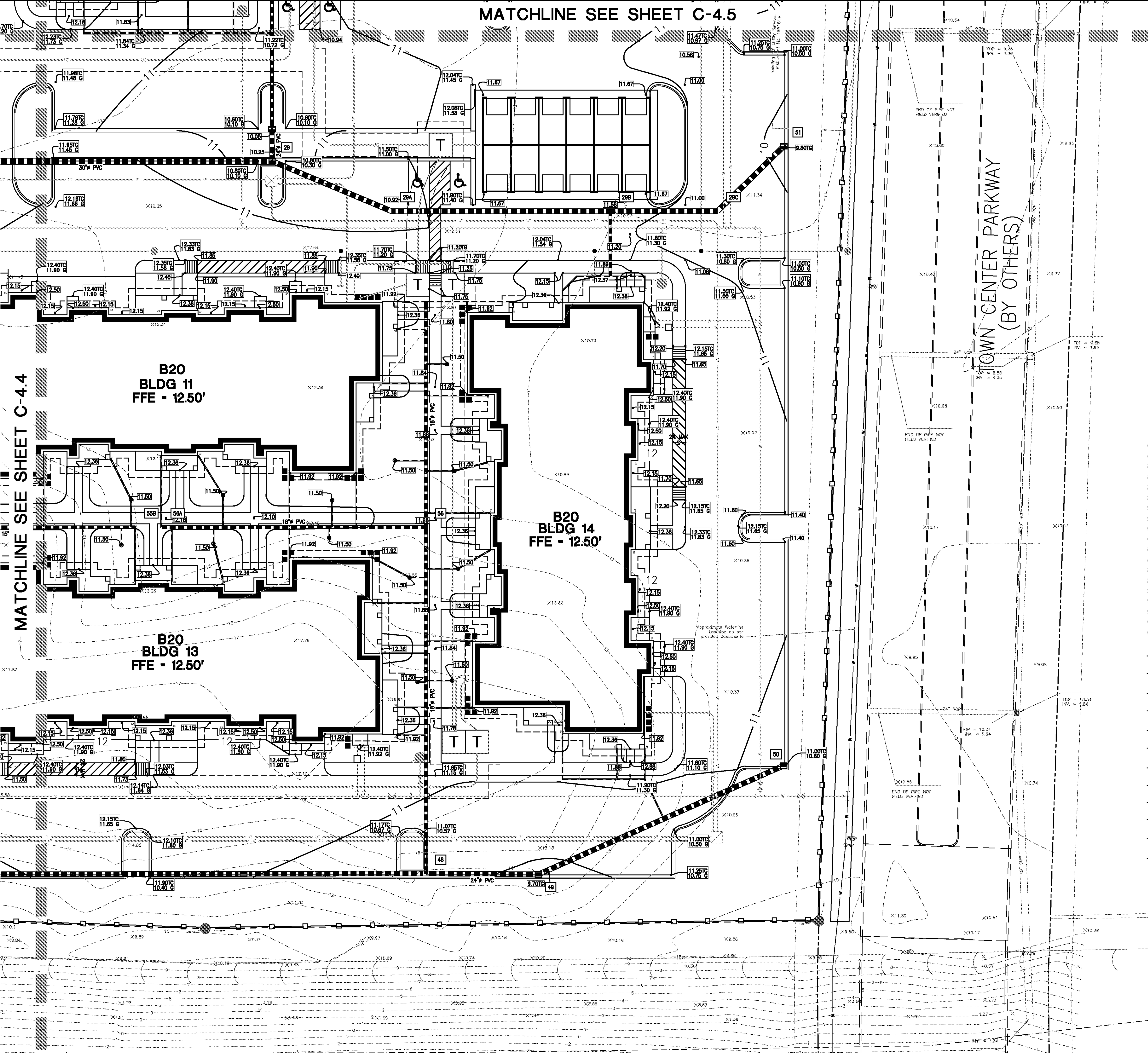

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 PROJECT NO. 14-248  
 FILE 14-248 C-4 GRADING  
 SHEET C-4.5

MATCHLINE SEE SHEET C-4.5



KEY MAP  
N.T.S.

**LEGEND - PROPOSED**

- SUBSURFACE DRAINAGE
- MANHOLE
- AREA INLET
- CONTOUR
- SPOT ELEVATION
- TOP OF CURB SPOT ELEVATION
- GUTTER SPOT ELEVATION
- GRADE TO DRAIN
- RIP RAP

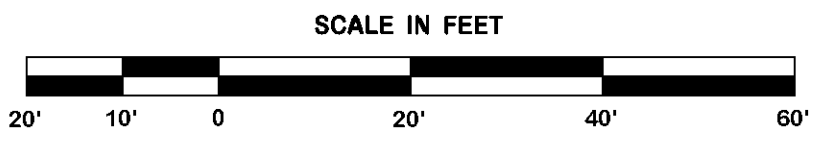
**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING TELEPHONE LINE
- EXISTING CABLE TV LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING GAS LINE
- EXISTING BARB WIRE FENCE LINE
- EXISTING CHAIN LINK LINE
- EXISTING WOOD FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE
- EXISTING POLYVINYL CHLORIDE PIPE
- ELEVATION OF TOP OF STRUCTURE
- ELEVATION OF BOTTOM OF STRUCTURE
- EXISTING SPOT ELEVATION
- ELEVATION OF TOP OF CURB
- ELEVATION OF FACE OF CURB
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING GRAVITY SEWER LINE
- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE
- EXISTING REINFORCED CONCRETE PIPE
- EXISTING CORRUGATED METAL PIPE

**STRUCTURE TABLE**

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
29	AREA INLET	9.50	8.58 (29A)	8.58 (10)	157.37	30" PVC	0.20%
10-29			8.58 (28)				
29A	22.5 BEND	9.32	6.69 (29B)	6.69 (29)	55.81	24" PVC	0.20%
29B	OPEN PIPE	9.50	6.88 (29C)	6.88 (29A)	94.76	24" PVC	0.20%
29A-29B			7.13 (425)				
29B-29C	OPEN PIPE	12.09	8.97 (51)	8.97 (29B)	46.33	24" PVC	0.19%
29C	TEE	11.11	8.28 (56)	7.35 (47B)	78.96	24" PVC	0.20%
47-48			7.35 (44)				
48	AREA INLET	9.85	7.45 (50)	7.45 (48)	48.81	24" PVC	0.20%
48-49							
50	AREA INLET	10.85	7.88 (49)	7.88 (49)	116.09	24" PVC	0.20%
49-50							
51	AREA INLET	9.68	7.05 (29C)	7.05 (29B)	40.20	24" PVC	0.20%
29C-51							
58B	OPEN PIPE	10.89	9.10 (55)	9.10 (55)	105.67	15" PVC	0.50%
58	OPEN PIPE	11.66	9.03 (56A)	9.03 (48)	149.94	18" PVC	0.50%
48-58			9.03 (56B)				
58A	OPEN PIPE	11.68	9.80 (56)	9.80 (56)	114.33	18" PVC	0.50%
58-58A							

**GRADING PLAN  
SECTION 6**



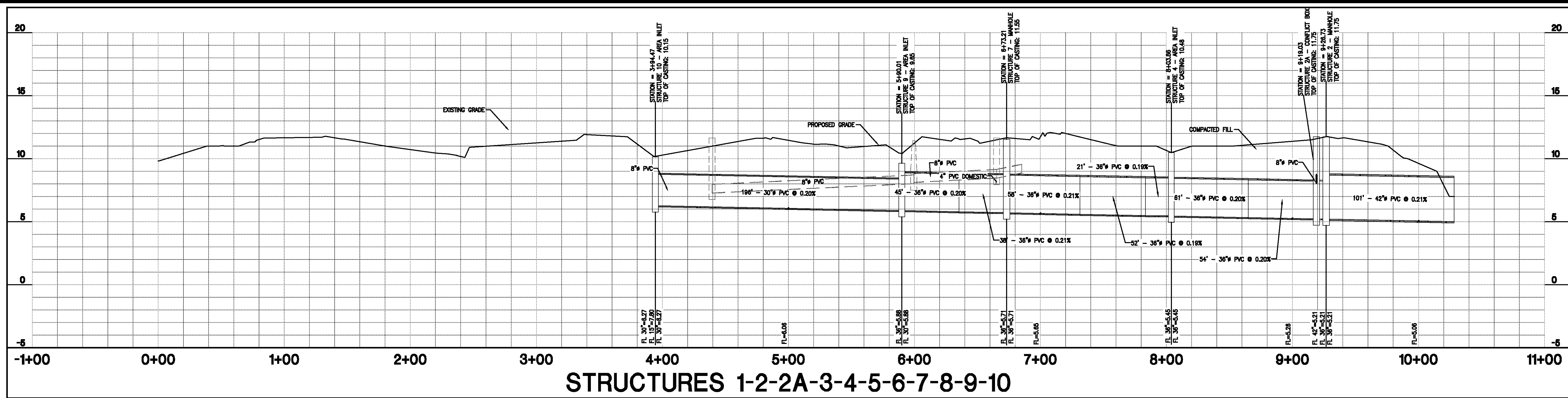
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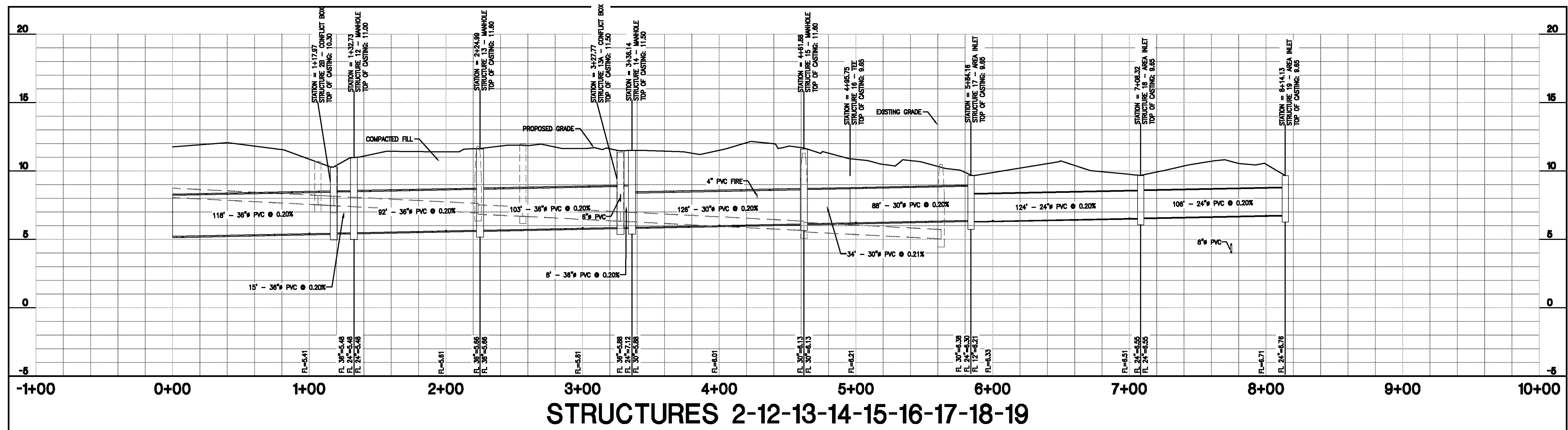
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 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

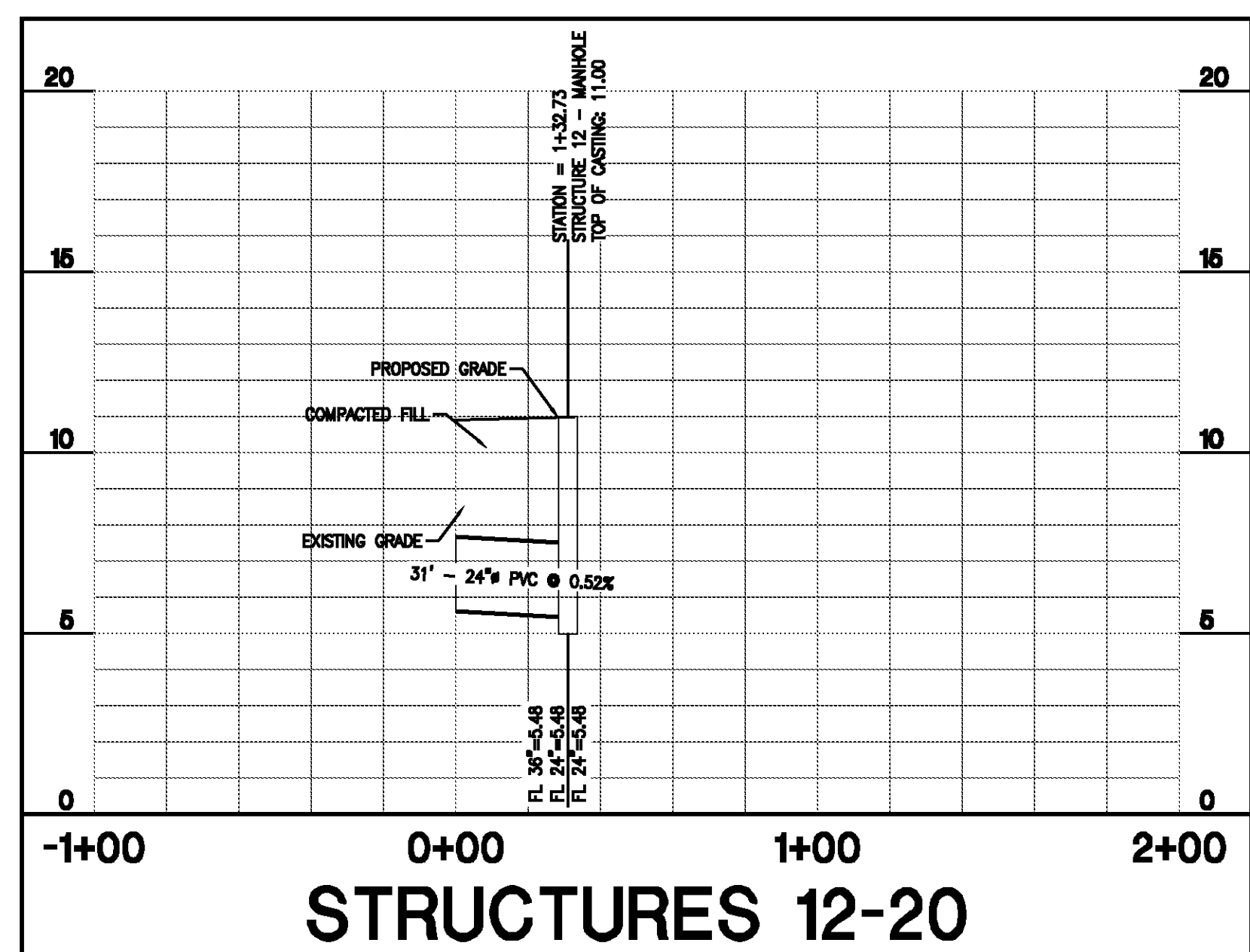
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 ISSUED DATE  
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 ISSUED FOR  
 PERMITTING  
 PROJECT NO.  
 14-248  
 FILE  
 14-248 C-4 GRADING  
 SHEET  
**C-4.6**



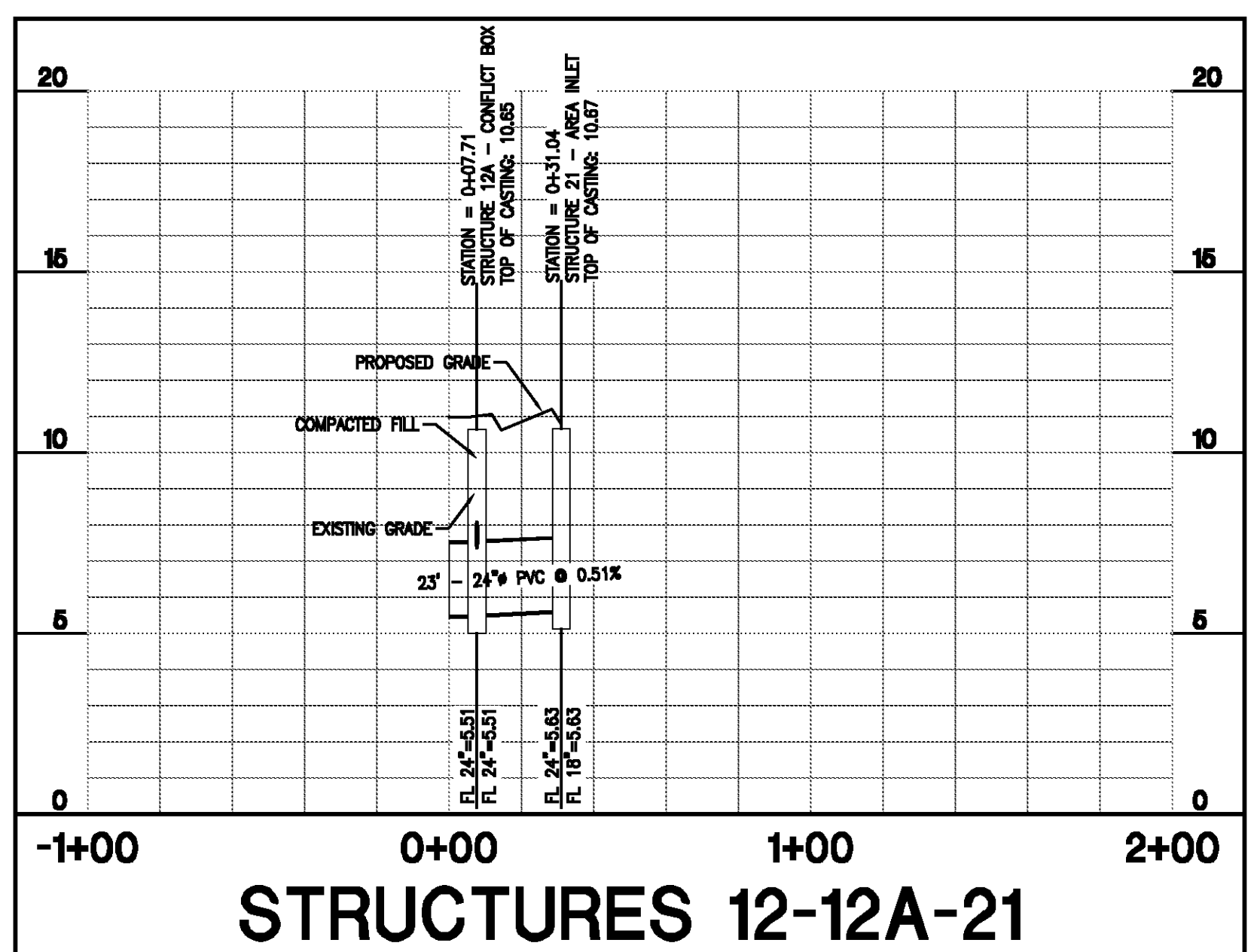
**STRUCTURES 1-2-2A-3-4-5-6-7-8-9-10**



**STRUCTURES 2-12-13-14-15-16-17-18-19**

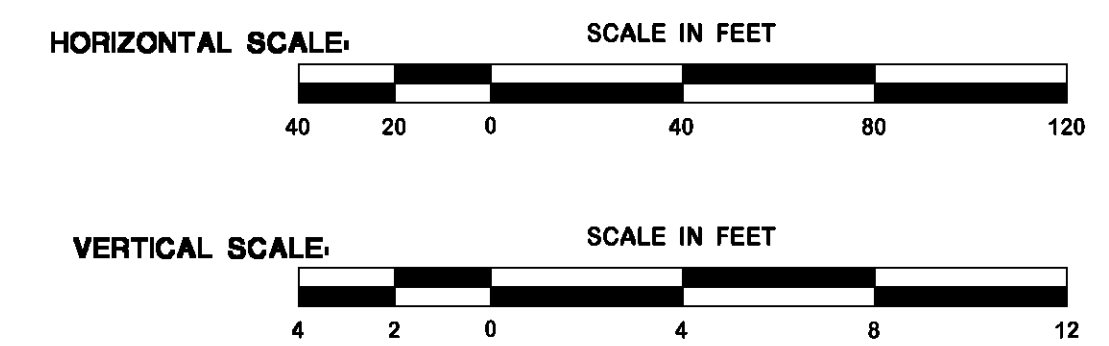


**STRUCTURES 12-20**



**STRUCTURES 12-12A-21**

# STORM PROFILE SHEET 1



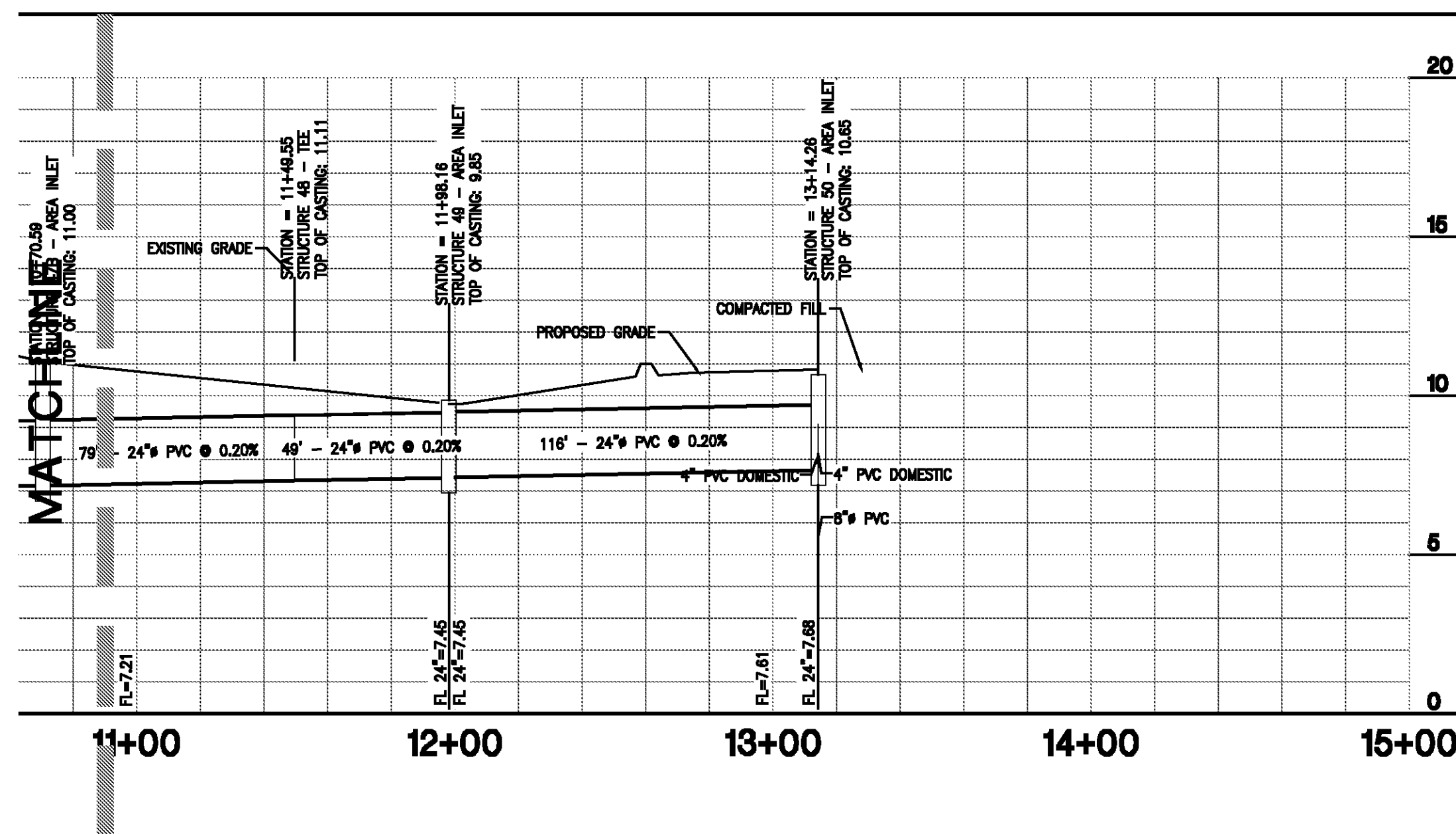
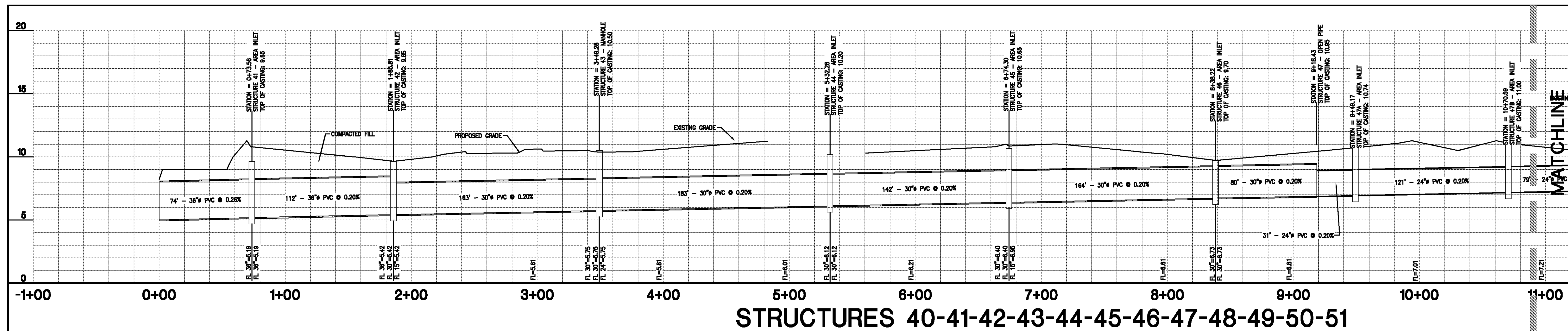
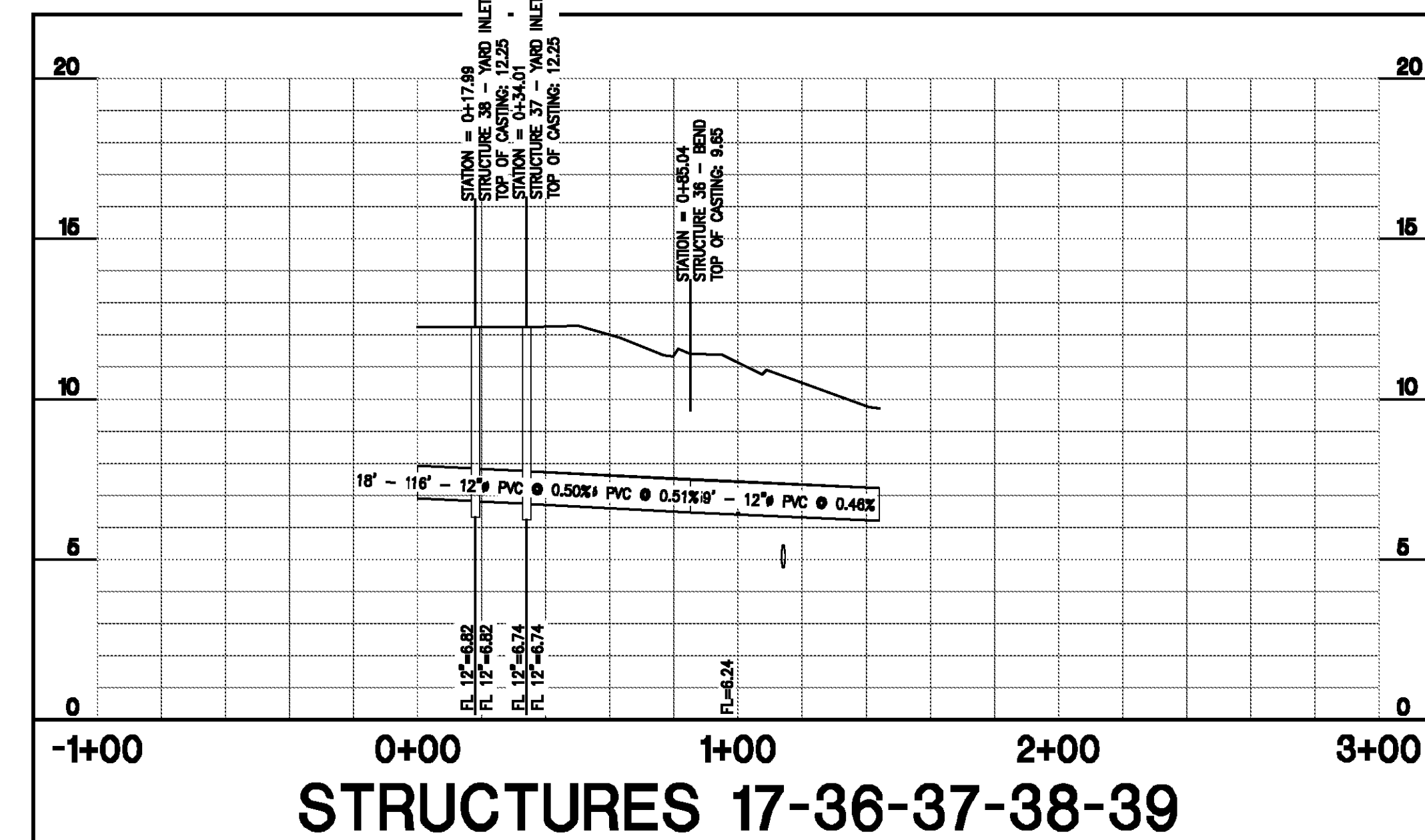
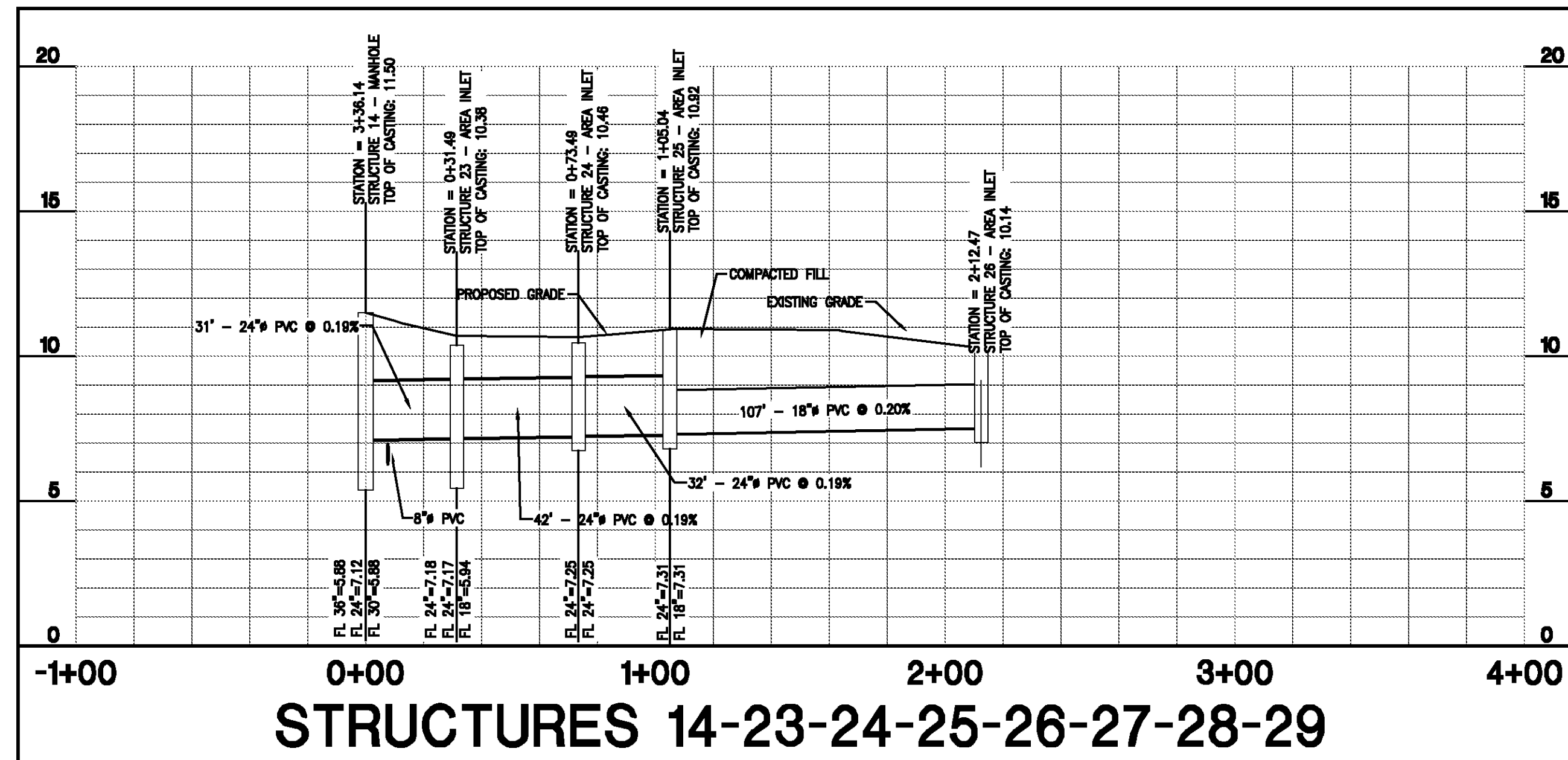
REVISION	BY

**DDG**  
 DUPONTIS DESIGN GROUP, PC  
 CIVIL ENGINEERING ARCHITECTURE  
 34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
 WWW.DDGP.COM PHONE: 985-496-6861 FAX: 985-496-9190  
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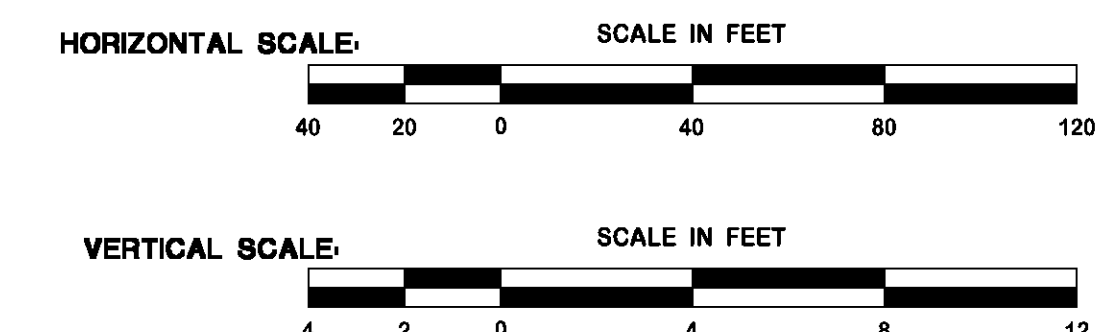
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

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ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 4-248 C-5 STORM PROFILES
SHEET <b>C-5.1</b>



# STORM PROFILE SHEET 2



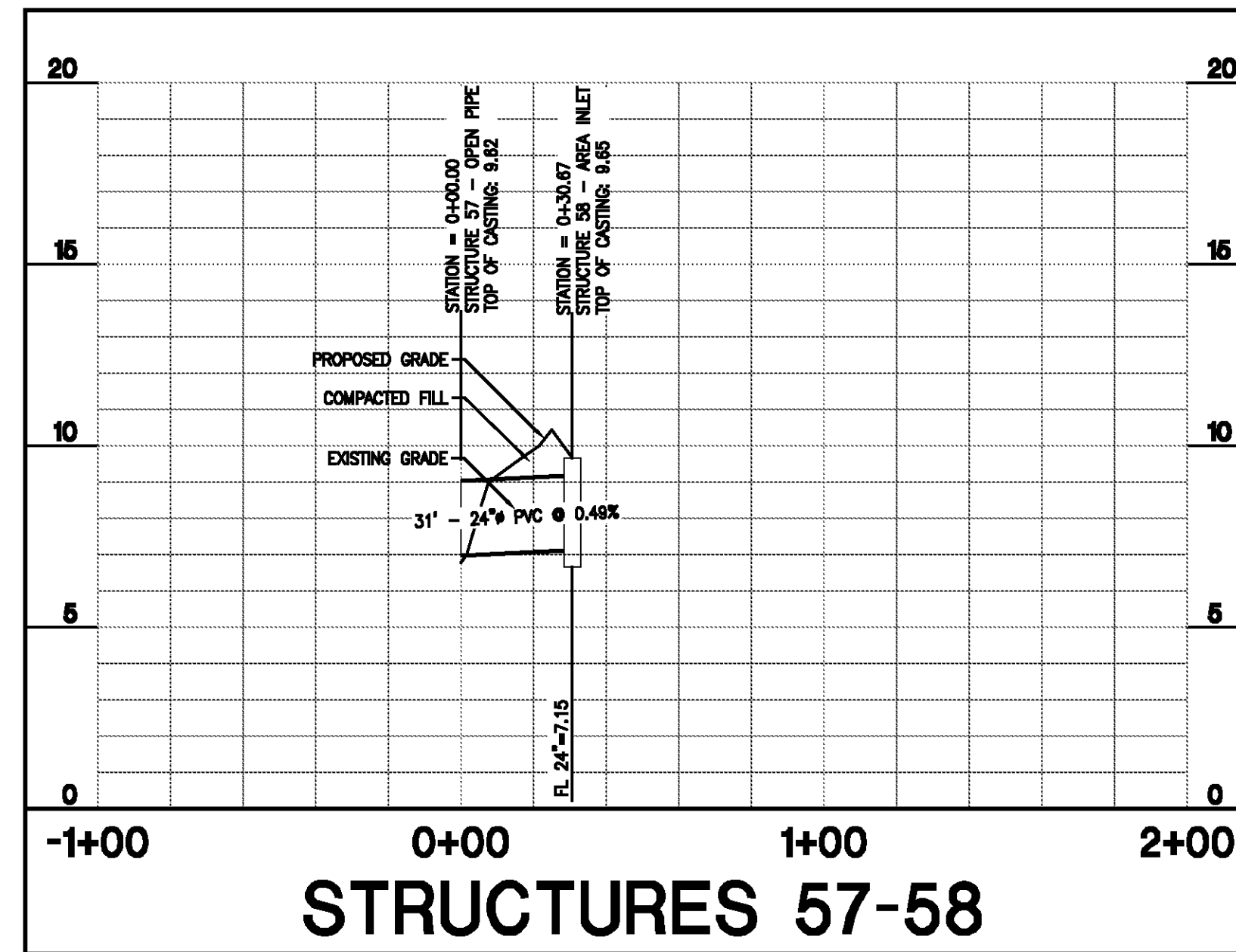
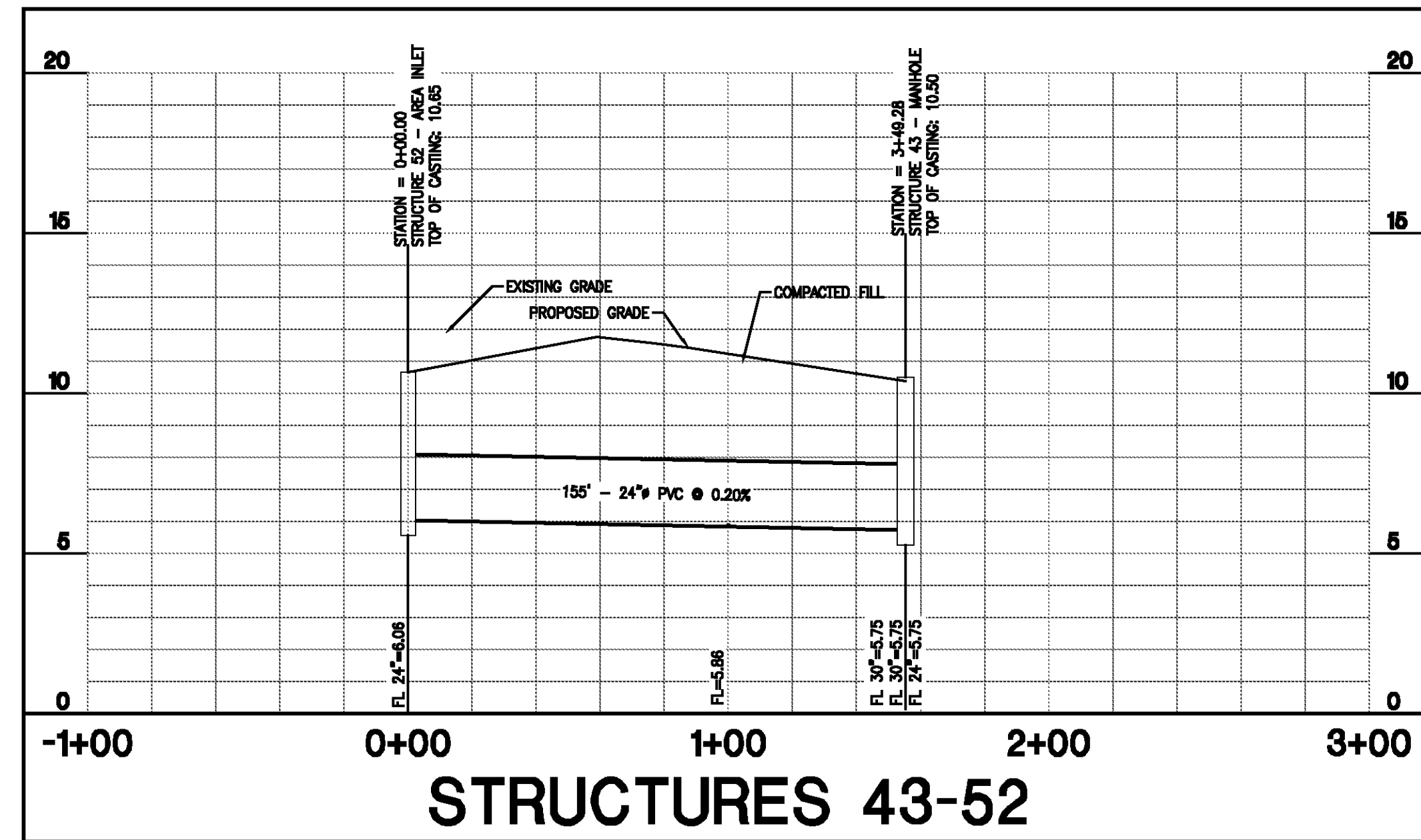
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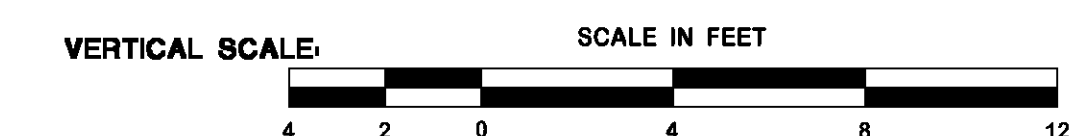
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

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ISSUED DATE	8/23/14
ISSUED FOR PERMITTING	
PROJECT NO.	14-248
FILE	4-248 C-5 STORM PROFILES
SHEET	C-5.2



# STORM PROFILE SHEET 3



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 34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH

FOR CONTINENTAL 294 FUND LLC  
 MENOMONEE FALLS, WI

DRAWN	DGS
CHECKED	DEB
ISSUED DATE	6/23/14
ISSUED FOR PERMITTING	
PROJECT NO.	14-248
FILE	4-248 C-5 STORM PROFILES
SHEET	C-5.3

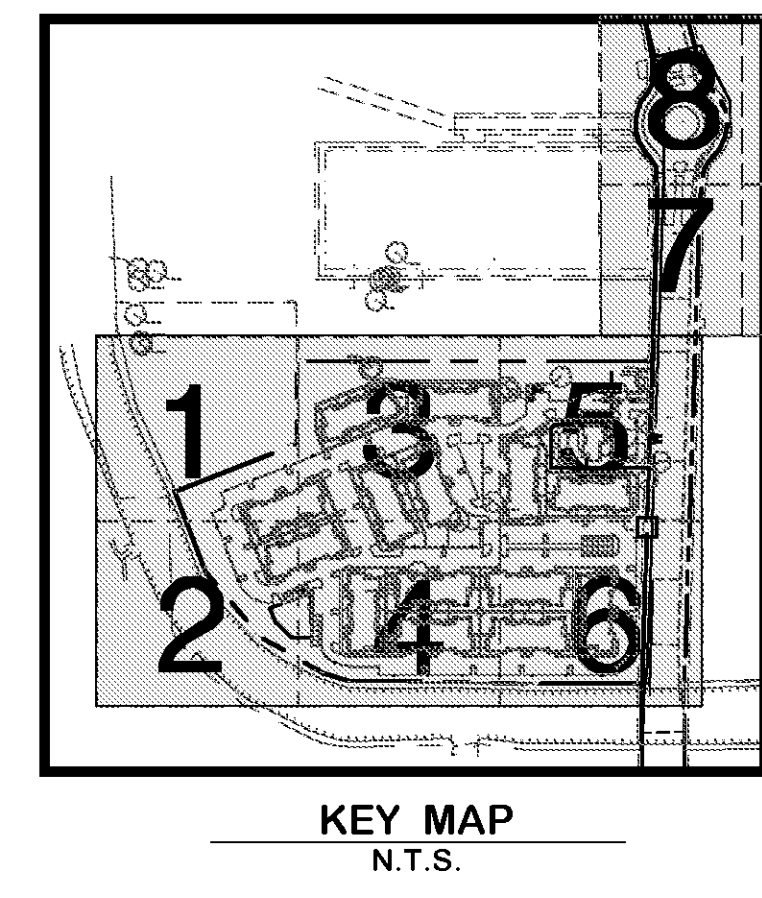
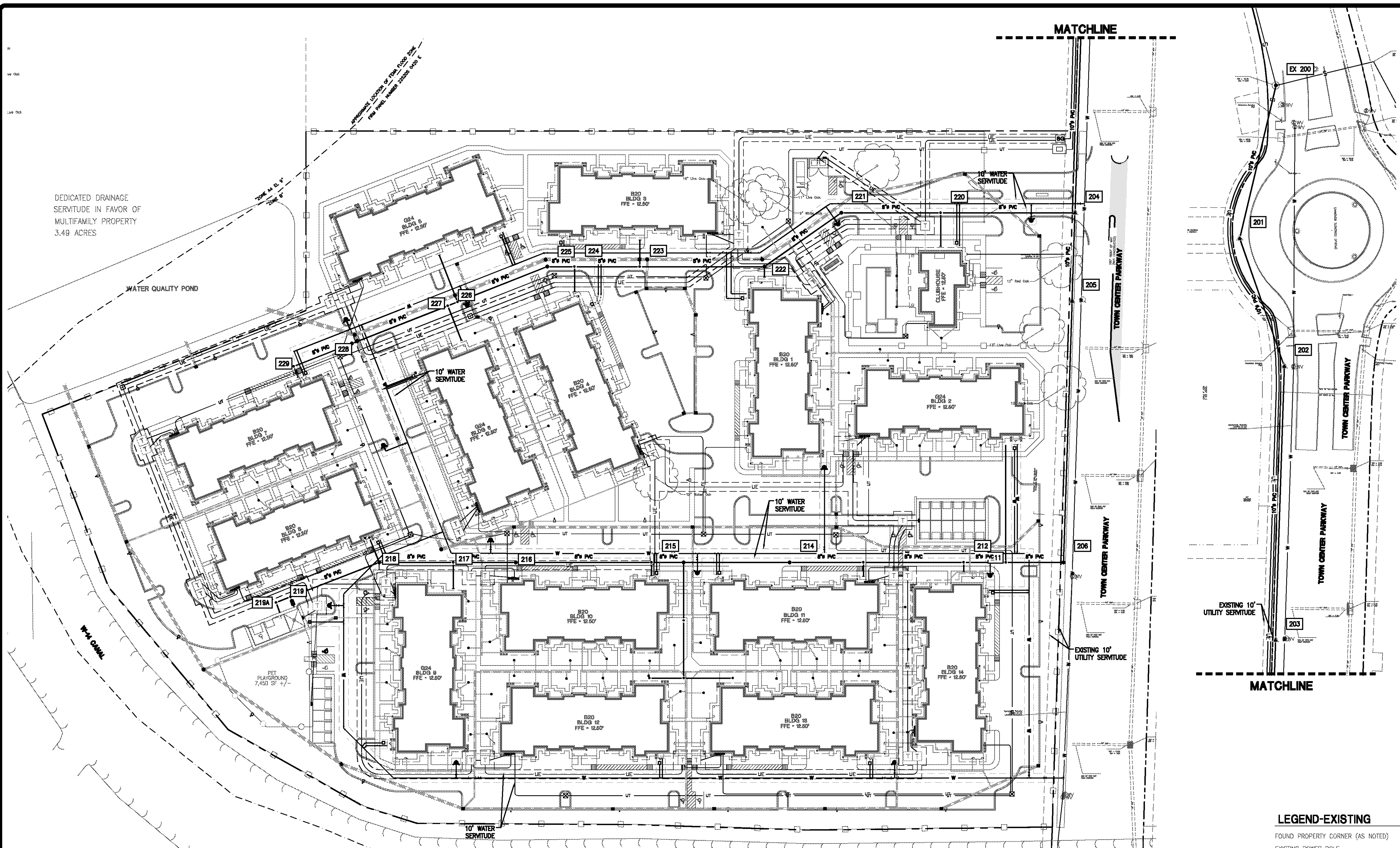
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

DRAWN DGS  
 CHECKED DEB  
 ISSUED DATE 8/23/14  
 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-6 UTILITY  
 SHEET C-6.0



SEE SHEET C2.00 FOR GENERAL NOTES  
 SEE SHEET D3 FOR DETAILS

**UTILITY LEGEND**

- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDING. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SUELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SUELL FOR TYPE OF METER.
- (D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- (E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
- (F) UNDERGROUND TELEPHONE WIRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**LEGEND-EXISTING**

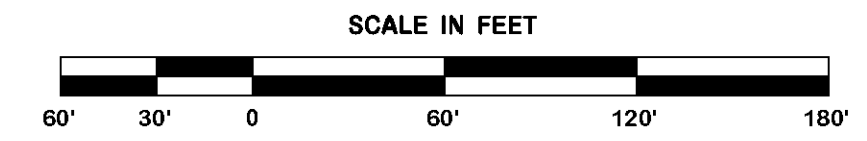
- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING TELEPHONE LINE
- EXISTING CABLE TV LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING WATER METER
- EXISTING BARG WIRE FENCE LINE
- EXISTING CHAIN LINK LINE
- EXISTING WOOD FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE
- EXISTING POLYVINYL CHLORIDE PIPE
- TOP = 18.00
- INV. = 15.00
- ×10.83
- 18.50 TC
- 18.00 FC
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING GRAVITY SEWER LINE
- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE
- EXISTING REINFORCED CONCRETE PIPE
- EXISTING CORRUGATED METAL PIPE
- TP
- C.O.
- WM
- W
- 8" TC
- 18" RCP
- 24" CMP

**LEGEND - NEW IMPROVEMENTS**

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
- STORM DRAIN SYSTEM
- POWER POLE
- SEWER MANHOLE AND STRUCTURE #
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER
- FIRE HYDRANT
- AT&T HAND HOLE
- AT&T NEMA BOX (D-MARK)
- ELECTRICAL PULL BOXES
- TRANSFORMER PAD
- REFER TO SHEET C-6.0 FOR DETAIL
- TELEPHONE PEDESTAL
- CLEANOUT
- OIL/WATER SEPARATOR
- UNDERGROUND ELECTRIC (5" TYP)
- WATER METER
- WATER METER
- 2" DOMESTIC WATER METER
- 2" GATE VALVE
- 2" DW
- 4" DW
- 4" GATE VALVE
- 4" WATS LF007 DOUBLE CHECK BACKFLOW PREVENTER INSIDE THE BUILDING TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
- 2" RPZ BACKFLOW PREVENTER OUTSIDE THE BUILDING TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.

TYPICAL BUILDING WATER ENTRY DETAIL

**UTILITY PLAN OVERALL**



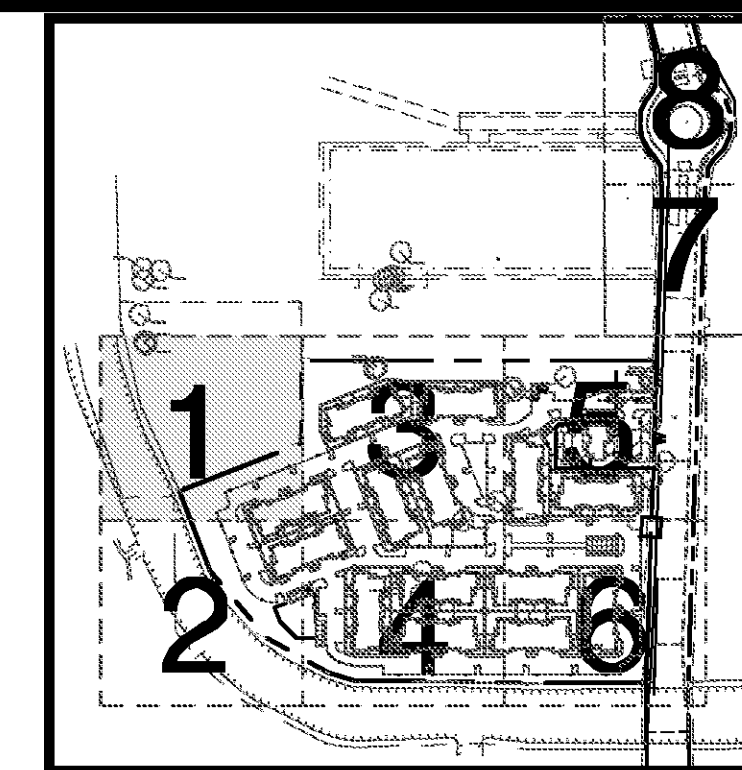
STRUCTURE TABLE							
STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
201	MANHOLE	4.73	1.53 (202)	1.43 (EX 200)	172.50	10" PVC	0.28%
200-201	MANHOLE	4.73	1.53 (202)	1.43 (EX 200)	172.50	10" PVC	0.28%
202	MANHOLE	10.30	2.05 (203)	1.95 (201)	148.18	10" PVC	0.28%
201-202	MANHOLE	10.30	2.05 (203)	1.95 (201)	148.18	10" PVC	0.28%
203	MANHOLE	10.30	2.99 (204)	2.89 (202)	300.29	10" PVC	0.28%
202-203	MANHOLE	10.30	2.99 (204)	2.89 (202)	300.29	10" PVC	0.28%
204	MANHOLE	10.08	3.88 (205)	3.58 (203)	202.88	10" PVC	0.28%
203-204	MANHOLE	10.08	3.88 (205)	3.58 (203)	202.88	10" PVC	0.28%
205	MANHOLE	10.30	4.03 (206)	3.83 (204)	96.93	10" PVC	0.28%
204-205	MANHOLE	10.30	4.03 (206)	3.83 (204)	96.93	10" PVC	0.28%
206	MANHOLE	10.54	4.93 (211)	4.83 (205)	288.28	10" PVC	0.28%
205-206	MANHOLE	10.54	4.93 (211)	4.83 (205)	288.28	10" PVC	0.28%
211	CLEANOUT	10.88	5.29 (212)	5.25 (208)	63.37	8" PVC	0.50%
208-211	CLEANOUT	10.88	5.29 (212)	5.25 (208)	63.37	8" PVC	0.50%
212	CLEANOUT	11.84	5.48 (213)	5.48 (211)	46.02	8" PVC	0.50%
211-212	CLEANOUT	11.84	5.48 (213)	5.48 (211)	46.02	8" PVC	0.50%
213	CLEANOUT	11.28	6.03 (214)	6.03 (212)	108.78	8" PVC	0.50%
212-213	CLEANOUT	11.28	6.03 (214)	6.03 (212)	108.78	8" PVC	0.50%
214	MANHOLE	12.19	6.53 (214A)	6.43 (213)	80.84	8" PVC	0.50%
213-214	MANHOLE	12.19	6.53 (214A)	6.43 (213)	80.84	8" PVC	0.50%
215	CLEANOUT	11.65	7.28 (216)	7.29 (214A)	35.08	8" PVC	0.50%
214-215	CLEANOUT	11.65	7.28 (216)	7.29 (214A)	35.08	8" PVC	0.50%
216	MANHOLE	11.43	8.13 (217)	8.03 (215)	148.77	8" PVC	0.50%
215-216	MANHOLE	11.43	8.13 (217)	8.03 (215)	148.77	8" PVC	0.50%
217	CLEANOUT	11.84	8.53 (218)	8.47 (216)	68.42	8" PVC	0.50%
216-217	CLEANOUT	11.84	8.53 (218)	8.47 (216)	68.42	8" PVC	0.50%
218	MANHOLE	11.91	8.88 (219)	8.88 (217)	81.07	8" PVC	0.50%
217-218	MANHOLE	11.91	8.88 (219)	8.88 (217)	81.07	8" PVC	0.50%
219	CLEANOUT	11.53	9.44 (219A)	9.40 (218)	104.34	8" PVC	0.50%
218-219	CLEANOUT	11.53	9.44 (219A)	9.40 (218)	104.34	8" PVC	0.50%
219A	CLEANOUT	11.17	9.52 (219)	9.48 (219)	16.93	8" PVC	0.50%
218-219A	CLEANOUT	11.17	9.52 (219)	9.48 (219)	16.93	8" PVC	0.50%

220	CLEANOUT	11.07	4.40 (221)	6.04 (221)	4.40 (204)	147.22	8" PVC	0.50%
204-220	CLEANOUT	11.07	4.40 (221)	6.04 (221)	4.40 (204)	147.22	8" PVC	0.50%
221	MANHOLE	10.48	5.04 (222)	4.94 (220)	108.65	8" PVC	0.50%	
220-221	MANHOLE	10.48	5.04 (222)	4.94 (220)	108.65	8" PVC	0.50%	
222	MANHOLE	11.29	5.65 (223)	5.65 (221)	102.88	8" PVC	0.50%	
221-222	MANHOLE	11.29	5.65 (223)	5.65 (221)	102.88	8" PVC	0.50%	
223	CLEANOUT	11.33	6.33 (224)	7.70 (224)	6.33 (222)	138.58	8" PVC	0.50%
222-223	CLEANOUT	11.33	6.33 (224)	7.70 (224)	6.33 (222)	138.58	8" PVC	0.50%
224	CLEANOUT	11.98	6.89 (225)	6.74 (225)	6.89 (223)	71.50	8" PVC	0.50%
223-224	CLEANOUT	11.98	6.89 (225)	6.74 (225)	6.89 (223)	71.50	8" PVC	0.50%
225	MANHOLE	11.81	6.94 (226)	6.84 (224)	29.78	8" PVC	0.50%	
224-225	MANHOLE	11.81	6.94 (226)	6.84 (224)	29.78	8" PVC	0.50%	
226	CLEANOUT	10.32	7.47 (227)	7.52 (227)	105.59	8" PVC	0.50%	
225-226	CLEANOUT	10.32	7.47 (227)	7.52 (227)	105.59	8" PVC	0.50%	
227	CLEANOUT	10.69	7.53 (228)	7.57 (228)	11.58	8" PVC	0.50%	
226-227	CLEANOUT	10.69	7.53 (228)	7.57 (228)	11.58	8" PVC	0.50%	
228	MANHOLE	11.70	8.19 (229)	8.08 (227)	112.85	8" PVC	0.50%	
227-228	MANHOLE	11.70	8.19 (229)	8.08 (227)	112.85	8" PVC	0.50%	
229	CLEANOUT	11.73	8.47 (229)	8.53 (228)	68.50	8" PVC	0.50%	
228-229	CLEANOUT	11.73	8.47 (229)	8.53 (228)	68.50	8" PVC	0.50%	
EX 200	MANHOLE	10.69	0.95 (201)					

STRUCTURE TABLE							
STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
229	CLEANOUT	11.73	8.47 ( )	8.53 (228)	68.50	8" PVC	0.50%

**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED) ○
- EXISTING POWER POLE ○
- EXISTING POWER POLE WITH LIGHT ○
- EXISTING PARKING LOT LIGHT ○
- EXISTING GUY ANCHOR ○
- EXISTING TELEPHONE PEDESTAL □
- EXISTING CABLE TV PEDESTAL □
- EXISTING OVERHEAD POWER LINE —UE—
- EXISTING UNDERGROUND POWER LINE —OE—
- EXISTING TELEPHONE LINE —T—
- EXISTING CABLE TV LINE —C—
- EXISTING GAS METER GM □
- EXISTING GAS VALVE □GV
- EXISTING GAS LINE —G—
- EXISTING BARB WIRE FENCE LINE —X—
- EXISTING CHAIN LINK LINE —CL—
- EXISTING WOOD FENCE LINE —WF—
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
- EXISTING POLYVINYL CHLORIDE PIPE 12" PVC
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION ×10.63
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FC
- EXISTING SEWER MANHOLE C.O.
- EXISTING SEWER CLEANOUT C.O.
- EXISTING GRAVITY SEWER LINE —S—
- EXISTING SEWER FORCE MAIN —SFM—
- EXISTING DRAINAGE MANHOLE □DM
- EXISTING SUBSURFACE DRAINAGE —SSD—
- EXISTING CATCH BASIN/DROP INLET □CB
- EXISTING FIRE HYDRANT □FH
- EXISTING WATER METER WM □
- EXISTING WATER VALVE □WV
- EXISTING WATER LINE —W—
- EXISTING TERZA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



\*SEE SHEET C2.00 FOR GENERAL NOTES  
\*SEE SHEET D3 FOR DETAILS

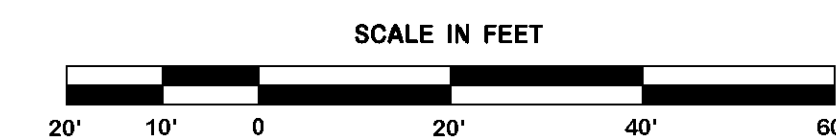
**LEGEND - NEW IMPROVEMENTS**

- WATERLINE —W—
- SANITARY SEWERLINE —S—
- GAS LINE —G—
- UNDERGROUND ELECTRIC (5" TYP) —UE—
- UNDERGROUND TELEPHONE (2 - 4" TYP) —UT—
- STORM DRAIN SYSTEM —SD—
- POWER POLE ○
- SEWER MANHOLE AND STRUCTURE # □
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING [Hatched Box]
- TELEPHONE PEDESTAL □ TP
- CLEANOUT □ C.O.
- OIL/WATER SEPERATOR □
- WATER VALVE □
- WATER METER □
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER □
- FIRE HYDRANT □
- AT&T HAND HOLE □
- AT&T NEMA BOX (D-MARK) □
- ELECTRICAL PULL BOXES □
- TRANSFORMER PAD □
- REFER TO SHEET C-6.0 FOR DETAIL

**UTILITY LEGEND**

- (A) 8" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
- (D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- (E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
- (F) UNDERGROUND TELEPHONE WIRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**UTILITY PLAN SECTION 1**



MATCHLINE SEE SHEET 6.3

MATCHLINE SEE SHEET 6.2

DEDICATED DRAINAGE  
SERVITUDE IN FAVOR OF  
MULTIFAMILY PROPERTY  
3.49 ACRES

WATER QUALITY POND

W-14 CANAL

B20  
BLDG 7  
FFE = 12.50'

REVISION	BY

**DDG**  
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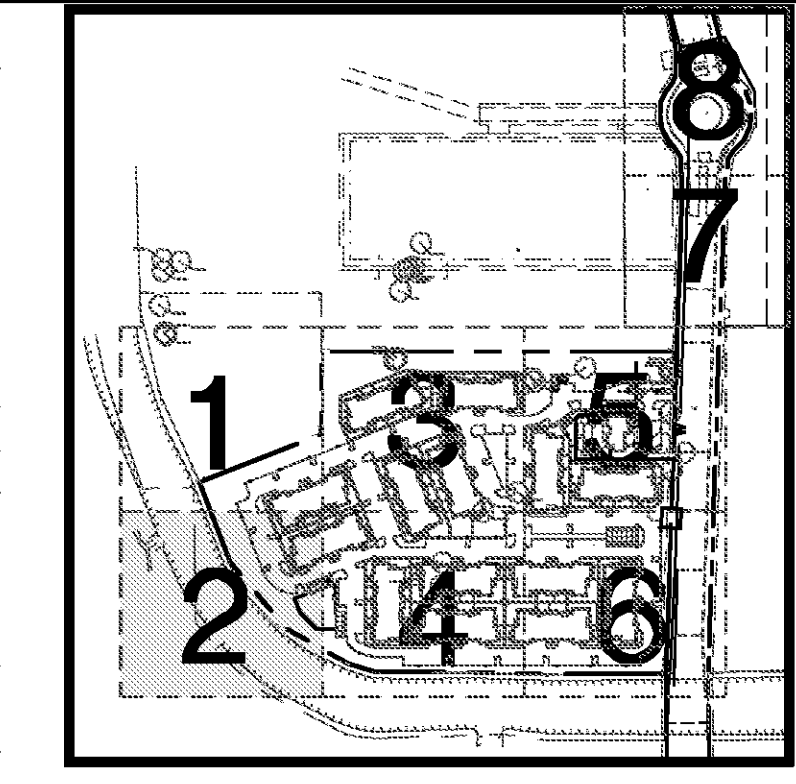
SPRINGS AT FREMAUX TOWN CENTER  
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DRAWN DGS  
CHECKED DEB  
ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 C-6 UTILITY  
SHEET C-6.1

MATCHLINE SEE SHEET C-6.1

**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING TELEPHONE LINE
- EXISTING CABLE TV LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
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- EXISTING CHAIN LINK LINE
- EXISTING WOOD FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
- EXISTING POLYVINYL CHLORIDE PIPE 12" PVC
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION  $\times 10.63$
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FD
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING GRAVITY SEWER LINE
- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



\*SEE SHEET C2.00 FOR GENERAL NOTES  
\*SEE SHEET D3 FOR DETAILS

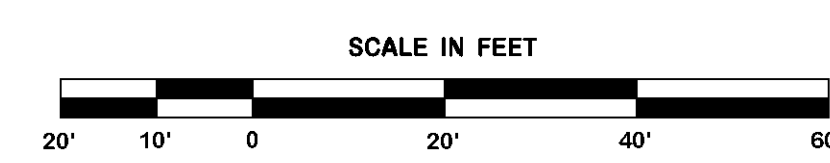
**LEGEND - NEW IMPROVEMENTS**

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
- UNDERGROUND TELEPHONE (2 - 4" TYP)
- STORM DRAIN SYSTEM
- POWER POLE
- SEWER MANHOLE AND STRUCTURE #
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
- TELEPHONE PEDESTAL
- CLEANOUT
- OIL/WATER SEPERATOR
- WATER VALVE
- WATER METER
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER
- FIRE HYDRANT
- AT&T HAND HOLE
- AT&T NEMA BOX (D-MARK)
- ELECTRICAL PULL BOXES
- TRANSFORMER PAD
- REFER TO SHEET C-6.0 FOR DETAIL

**UTILITY LEGEND**

- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
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- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**UTILITY PLAN SECTION 2**



STRUCTURE TABLE							
STRUCTURE NUMBER	TYPE	CUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
219	CLEANOUT	11.53	9.44 0	9.40 (218)	104.34	8" PVC	0.50%
218-219			9.40 (219A)				
219A	CLEANOUT	11.17	9.52 0	9.48 (219)	16.93	8" PVC	0.50%
218-219A							

B20 BLDG 8  
FFE = 12.50'

PET PLAYGROUND  
7,450 SF +/-

W-14 CANAL

MATCHLINE SEE SHEET C-6.4

REVISION	BY

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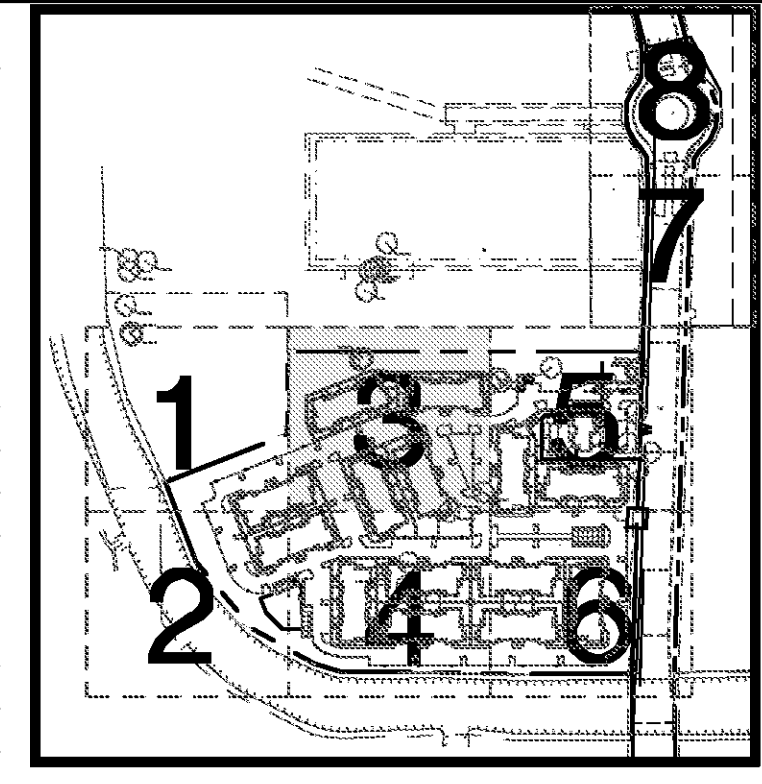
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CHECKED DEB
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PROJECT NO. 14-248
FILE 14-248 C-6 UTILITY
SHEET C-6.2

APPROXIMATE LOCATION OF  
FIRM PANEL NUMBER 2

STRUCTURE TABLE							
STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
223	CLEANOUT	11.33	6.33 (224)	6.33 (222)	136.56	8" PVC	0.50%
222-223			7.70 (0)				
224	CLEANOUT	11.98	6.89 (225)	6.89 (223)	71.50	8" PVC	0.50%
223-224			6.74 (0)				
225	MANHOLE	11.81	6.94 (226)	6.84 (224)	29.76	8" PVC	0.50%
224-225							
226	CLEANOUT	10.32	7.47 (227)	7.47 (225)	105.59	8" PVC	0.50%
225-226			7.52 (0)				
227	CLEANOUT	10.89	7.53 (228)	7.53 (226)	11.56	8" PVC	0.50%
226-227			7.57 (0)				

**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING CUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING TELEPHONE LINE
- EXISTING CABLE TV LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING GAS LINE
- EXISTING BARR WIRE FENCE LINE
- EXISTING CHAIN LINK LINE
- EXISTING WOOD FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE
- EXISTING POLYVINYL CHLORIDE PIPE
- ELEVATION OF TOP OF STRUCTURE
- ELEVATION OF BOTTOM OF STRUCTURE
- EXISTING SPOT ELEVATION
- ELEVATION OF TOP OF CURB
- ELEVATION OF FACE OF CURB
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING GRAVITY SEWER LINE
- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
- EXISTING SUBSURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
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- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE
- EXISTING REINFORCED CONCRETE PIPE
- EXISTING CORRUGATED METAL PIPE



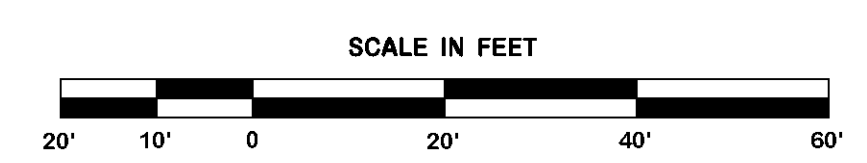
**LEGEND - NEW IMPROVEMENTS**

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
- UNDERGROUND TELEPHONE (2 - 4" TYP)
- STORM DRAIN SYSTEM
- POWER POLE
- SEWER MANHOLE AND STRUCTURE #
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
- TELEPHONE PEDESTAL
- CLEANOUT
- OIL/WATER SEPERATOR
- WATER VALVE
- WATER METER
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER
- FIRE HYDRANT
- AT&T HAND HOLE
- AT&T NEMA BOX (D-MARK)
- ELECTRICAL PULL BOXES
- TRANSFORMER PAD
- REFER TO SHEET C-6.0 FOR DETAIL

**UTILITY LEGEND**

- (A) 8" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
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- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

**UTILITY PLAN SECTION 3**



MATCHLINE SEE SHEET C-6.1

MATCHLINE SEE SHEET C-6.5

MATCHLINE SEE SHEET C-6.4

REVISION	BY

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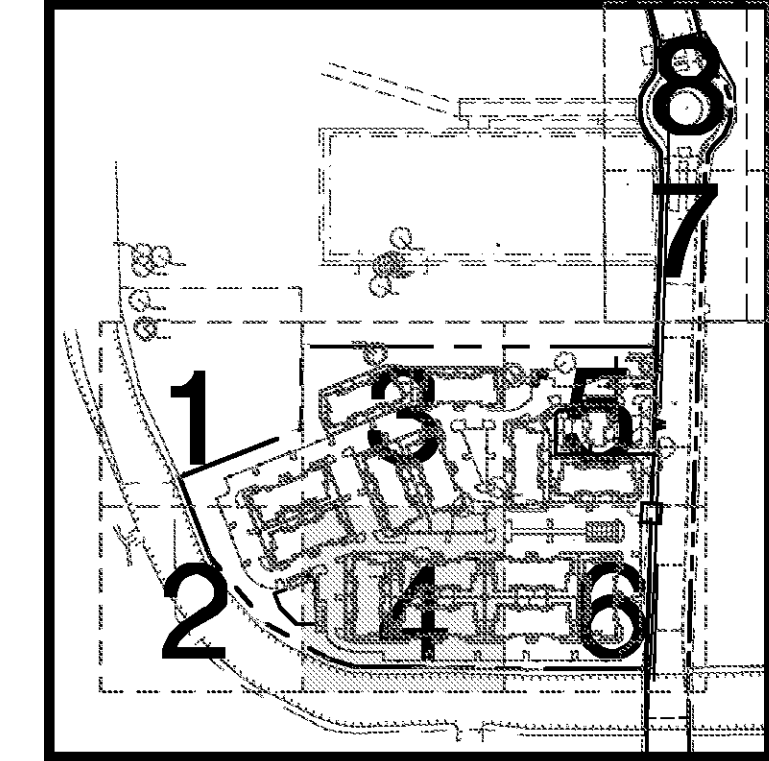
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ISSUED DATE 8/23/14
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PROJECT NO. 14-248
FILE 14-248 C-6 UTILITY
SHEET <b>C-6.3</b>

14-248 C-6 UTILITY.dwg

MATCHLINE SEE SHEET C-6.3

LEGEND-EXISTING

- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
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- EXISTING SEWER CLEANOUT
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- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
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- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
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- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



\*SEE SHEET C2.00 FOR GENERAL NOTES  
\*SEE SHEET D3 FOR DETAILS

LEGEND - NEW IMPROVEMENTS

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
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- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
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- OIL/WATER SEPARATOR
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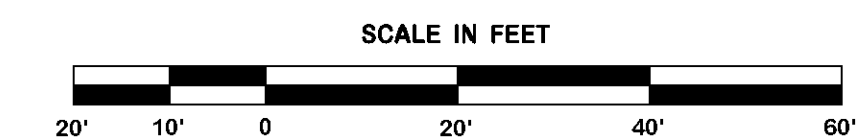
UTILITY LEGEND

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STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
215	CLEANOUT	11.65	7.29 (216) 7.70 0	7.28 (214A)	35.08	8" PVC	0.50%
216	MANHOLE	11.43	8.13 (217)	8.03 (215)	148.77	8" PVC	0.50%
217	CLEANOUT	11.64	8.53 0 8.47 (218)	8.47 (216)	68.42	8" PVC	0.50%
218	MANHOLE	11.91	8.88 (219) 8.92 (396)	8.88 (217)	81.07	8" PVC	0.50%

UTILITY PLAN SECTION 4



W-14 CANAL

MATCHLINE SEE SHEET C-6.6

MATCHLINE SEE SHEET C-6.2

REVISION BY


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14-248 C-6 UTILITY.dwg

MATCHLINE SEE SHEET C-6.7

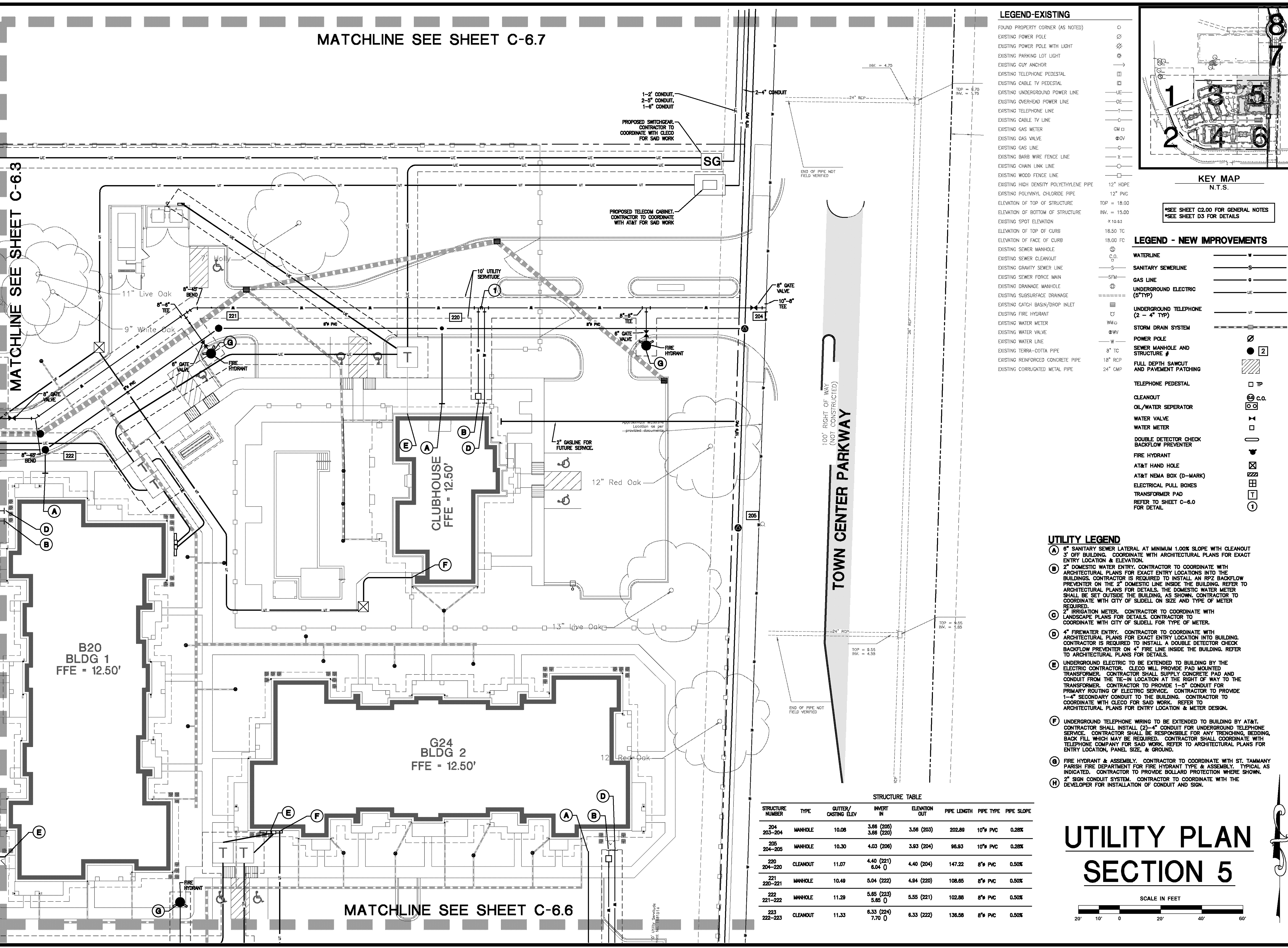
MATCHLINE SEE SHEET C-6.3

B20  
BLDG 1  
FFE = 12.50'

CLUBHOUSE  
FFE = 12.50'

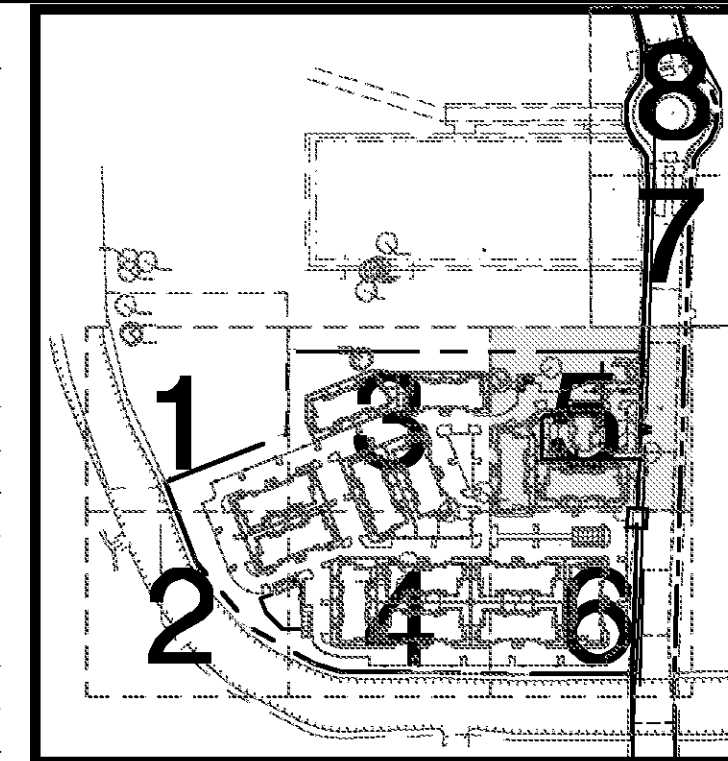
G24  
BLDG 2  
FFE = 12.50'

MATCHLINE SEE SHEET C-6.6



LEGEND-EXISTING

- FOUND PROPERTY CORNER (AS NOTED)
- EXISTING POWER POLE
- EXISTING POWER POLE WITH LIGHT
- EXISTING PARKING LOT LIGHT
- EXISTING CUY ANCHOR
- EXISTING TELEPHONE PEDESTAL
- EXISTING CABLE TV PEDESTAL
- EXISTING UNDERGROUND POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING TELEPHONE LINE
- EXISTING CABLE TV LINE
- EXISTING GAS METER
- EXISTING GAS VALVE
- EXISTING GAS LINE
- EXISTING BARR WIRE FENCE LINE
- EXISTING CHAIN LINK LINE
- EXISTING WOOD FENCE LINE
- EXISTING HIGH DENSITY POLYETHYLENE PIPE
- EXISTING POLYVINYL CHLORIDE PIPE
- ELEVATION OF TOP OF STRUCTURE
- ELEVATION OF BOTTOM OF STRUCTURE
- EXISTING SPOT ELEVATION
- ELEVATION OF TOP OF CURB
- ELEVATION OF FACE OF CURB
- EXISTING SEWER MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING GRAVITY SEWER LINE
- EXISTING SEWER FORCE MAIN
- EXISTING DRAINAGE MANHOLE
- EXISTING SURFACE DRAINAGE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING WATER LINE
- EXISTING TERRA-COTTA PIPE
- EXISTING REINFORCED CONCRETE PIPE
- EXISTING CORRUGATED METAL PIPE



\*SEE SHEET C2.00 FOR GENERAL NOTES  
\*SEE SHEET D3 FOR DETAILS

LEGEND - NEW IMPROVEMENTS

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
- UNDERGROUND TELEPHONE (2 - 4" TYP)
- STORM DRAIN SYSTEM
- POWER POLE
- SEWER MANHOLE AND STRUCTURE #
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
- TELEPHONE PEDESTAL
- CLEANOUT
- OIL/WATER SEPARATOR
- WATER VALVE
- WATER METER
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER
- FIRE HYDRANT
- AT&T HAND HOLE
- AT&T NEMA BOX (D-MARK)
- ELECTRICAL PULL BOXES
- TRANSFORMER PAD
- REFER TO SHEET C-6.0 FOR DETAIL

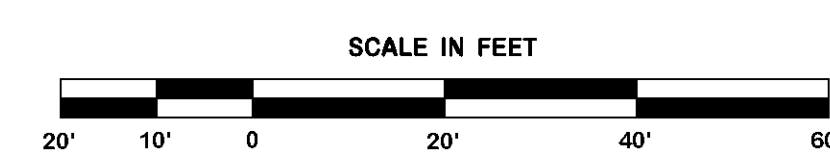
UTILITY LEGEND

- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
- (D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- (E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
- (F) UNDERGROUND TELEPHONE WIRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	OUTLET/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
204	MANHOLE	10.08	3.86 (205)	3.56 (203)	202.89	10" PVC	0.28%
203-204			3.86 (220)				
205	MANHOLE	10.30	4.03 (206)	3.83 (204)	96.93	10" PVC	0.28%
204-205							
220	CLEANOUT	11.07	4.40 (221)	4.40 (204)	147.22	8" PVC	0.50%
204-220			8.04 0				
221	MANHOLE	10.49	5.04 (222)	4.94 (220)	108.65	8" PVC	0.50%
220-221							
222	MANHOLE	11.29	5.85 (223)	5.55 (221)	102.88	8" PVC	0.50%
221-222			5.85 0				
223	CLEANOUT	11.33	6.33 (224)	6.33 (222)	136.58	8" PVC	0.50%
222-223			7.70 0				

UTILITY PLAN SECTION 5



REVISION	BY

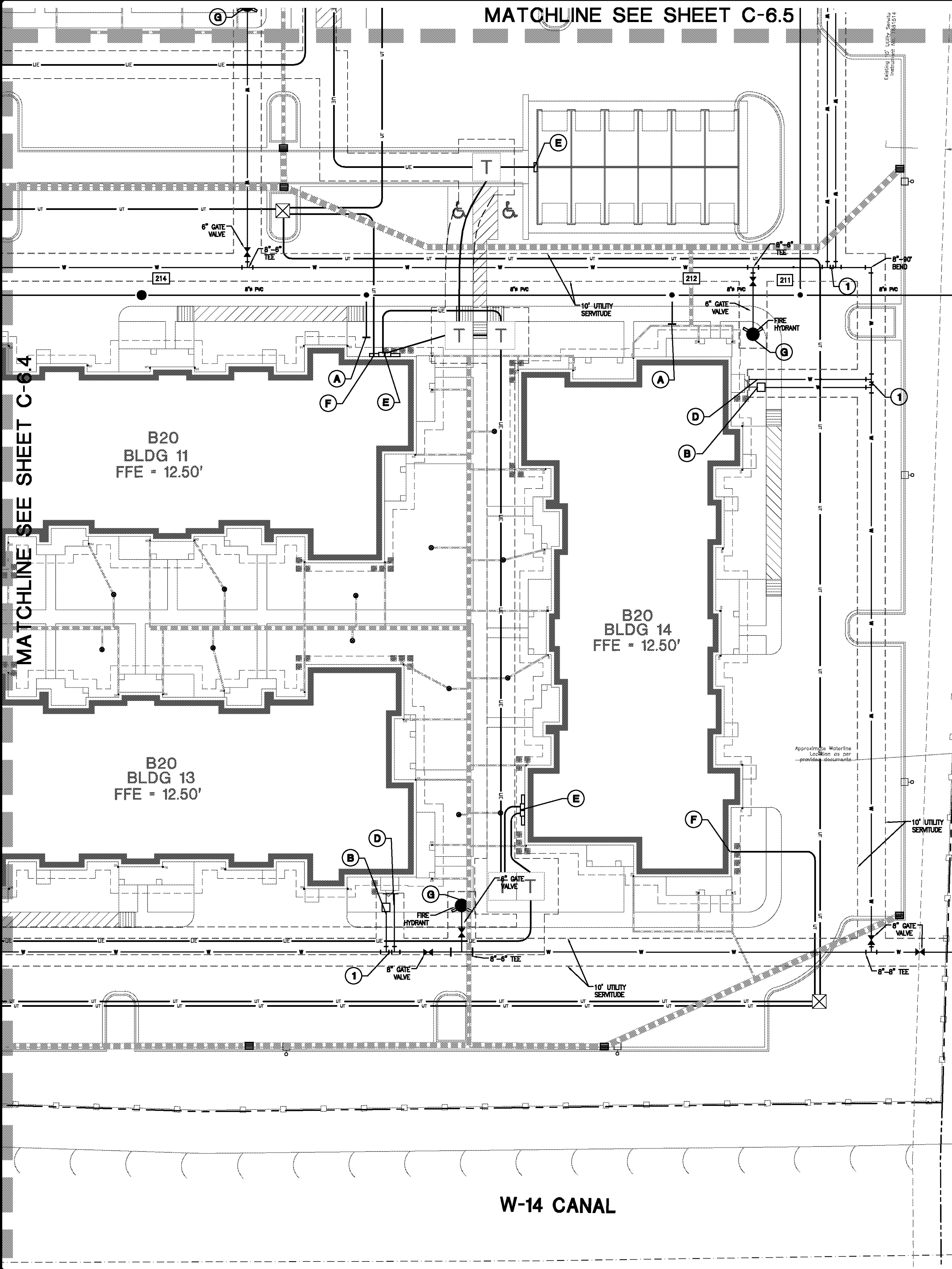
**DDG**  
 DUPONTIS DESIGN GROUP, PC  
 CIVIL ENGINEERING ARCHITECTURE  
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

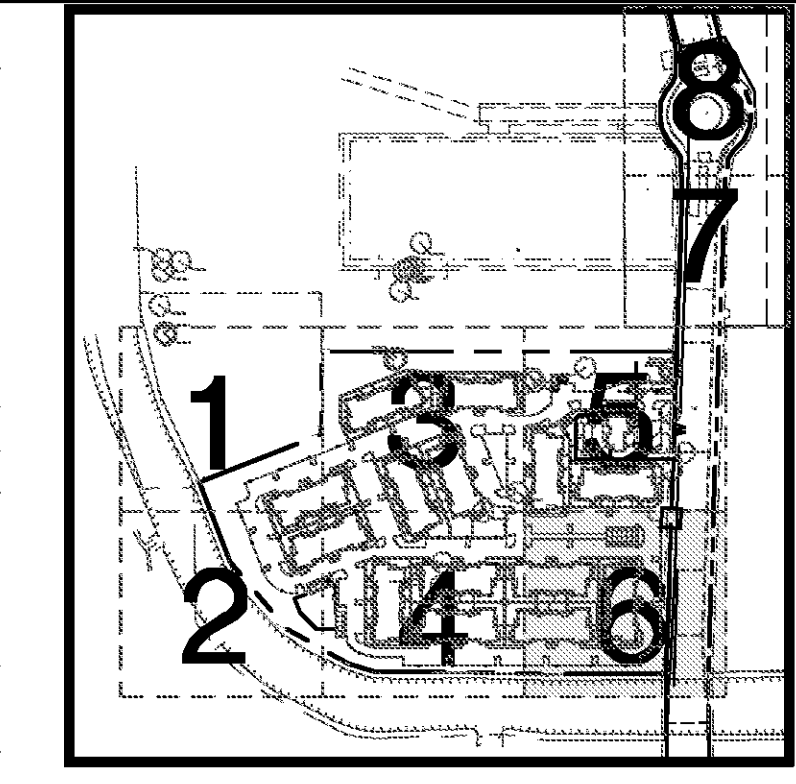
DRAWN DGS  
 CHECKED DEB  
 ISSUED DATE 8/23/14  
 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-6 UTILITY  
 SHEET C-6.5

MATCHLINE SEE SHEET C-6.5



**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED) ○
- EXISTING POWER POLE ○
- EXISTING POWER POLE WITH LIGHT ○
- EXISTING PARKING LOT LIGHT ○
- EXISTING GUY ANCHOR ○
- EXISTING TELEPHONE PEDESTAL ○
- EXISTING CABLE TV PEDESTAL ○
- EXISTING UNDERGROUND POWER LINE ○
- EXISTING OVERHEAD POWER LINE ○
- EXISTING TELEPHONE LINE ○
- EXISTING CABLE TV LINE ○
- EXISTING GAS METER ○
- EXISTING GAS VALVE ○
- EXISTING GAS LINE ○
- EXISTING BARR WIRE FENCE LINE ○
- EXISTING CHAIN LINK LINE ○
- EXISTING WOOD FENCE LINE ○
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
- EXISTING POLYVINYL CHLORIDE PIPE 12" PVC
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION × 10.63
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FD
- EXISTING SEWER MANHOLE ○
- EXISTING SEWER CLEANOUT ○
- EXISTING GRAVITY SEWER LINE ○
- EXISTING SEWER FORCE MAIN ○
- EXISTING DRAINAGE MANHOLE ○
- EXISTING SUBSURFACE DRAINAGE ○
- EXISTING CATCH BASIN/DROP INLET ○
- EXISTING FIRE HYDRANT ○
- EXISTING WATER METER ○
- EXISTING WATER VALVE ○
- EXISTING WATER LINE ○
- EXISTING TERBA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



SEE SHEET C2.00 FOR GENERAL NOTES  
SEE SHEET D3 FOR DETAILS

**LEGEND - NEW IMPROVEMENTS**

- WATERLINE
- SANITARY SEWERLINE
- GAS LINE
- UNDERGROUND ELECTRIC (5" TYP)
- UNDERGROUND TELEPHONE (2 - 4" TYP)
- STORM DRAIN SYSTEM
- POWER POLE
- SEWER MANHOLE AND STRUCTURE #
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING
- TELEPHONE PEDESTAL
- CLEANOUT
- OIL/WATER SEPERATOR
- WATER VALVE
- WATER METER
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER
- FIRE HYDRANT
- AT&T HAND HOLE
- AT&T NEMA BOX (D-MARK)
- ELECTRICAL PULL BOXES
- TRANSFORMER PAD
- REFER TO SHEET C-6.0 FOR DETAIL

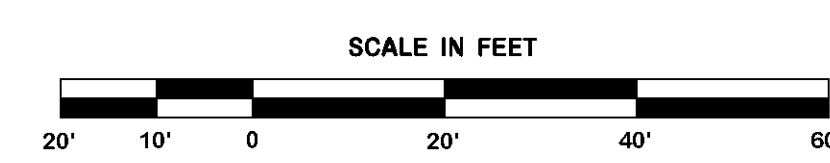
**UTILITY LEGEND**

- (A) 8" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
- (D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
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- (F) UNDERGROUND TELEPHONE WIRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	OUTLET/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
208	MANHOLE	10.54	4.93 (211)	4.83 (205)	288.28	10" PVC	0.28%
205-206			5.29 ( )	5.25 (206)	63.37	8" PVC	0.50%
211	CLEANOUT	10.88	5.29 ( )	5.25 (206)	63.37	8" PVC	0.50%
205-211			5.25 (212)	5.25 (206)	63.37	8" PVC	0.50%
212	CLEANOUT	11.84	5.48 (213)	5.48 (211)	46.02	8" PVC	0.50%
211-212			5.52 ( )	5.48 (211)	46.02	8" PVC	0.50%
213	CLEANOUT	11.28	6.03 (214)	6.03 (212)	108.78	8" PVC	0.50%
212-213			6.07 ( )	6.03 (212)	108.78	8" PVC	0.50%
214	MANHOLE	12.19	6.53 (214A)	6.43 (213)	80.84	8" PVC	0.50%
213-214			6.43 (213)	6.43 (213)	80.84	8" PVC	0.50%

**UTILITY PLAN SECTION 6**



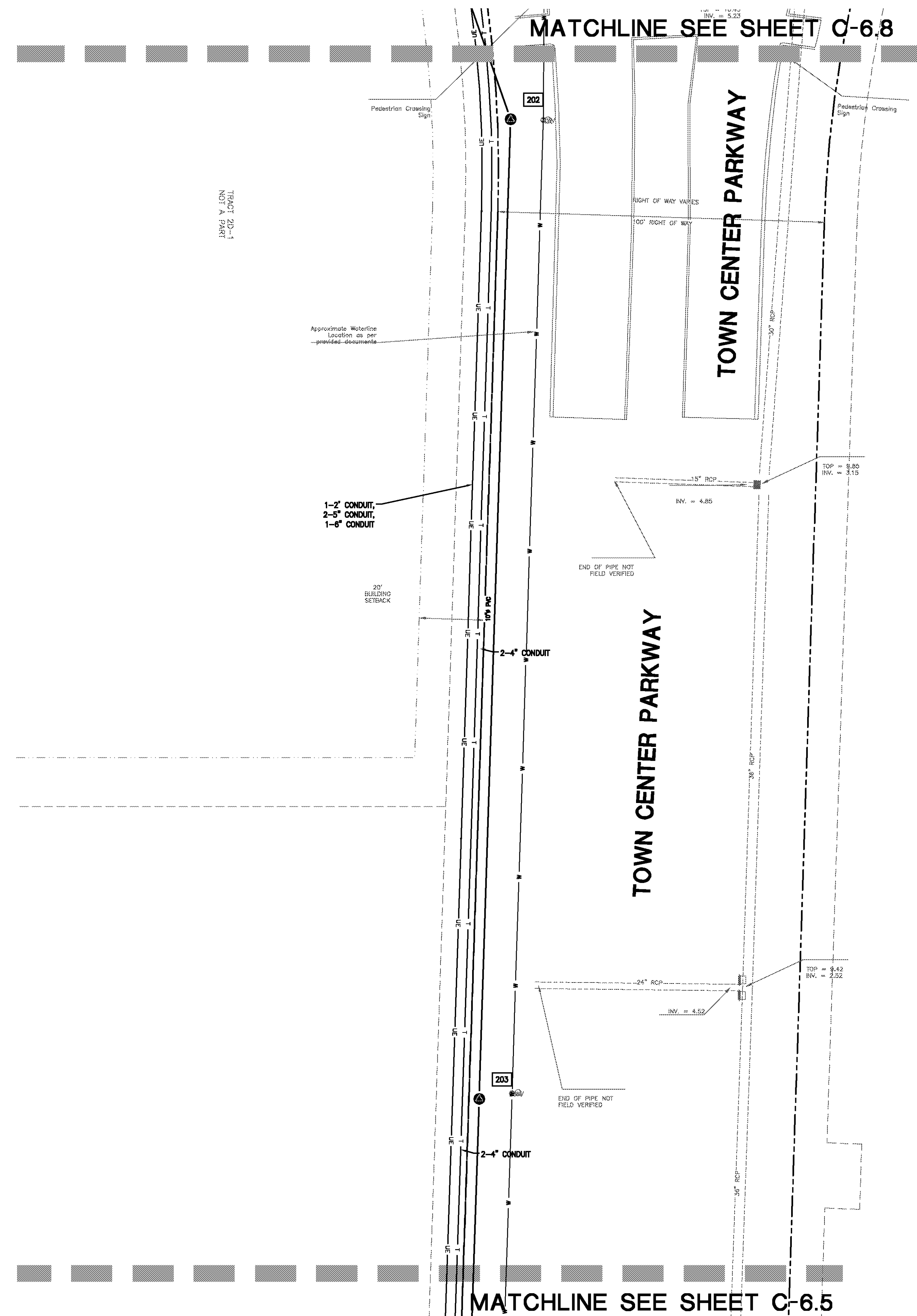
REVISION BY


**DDG**  
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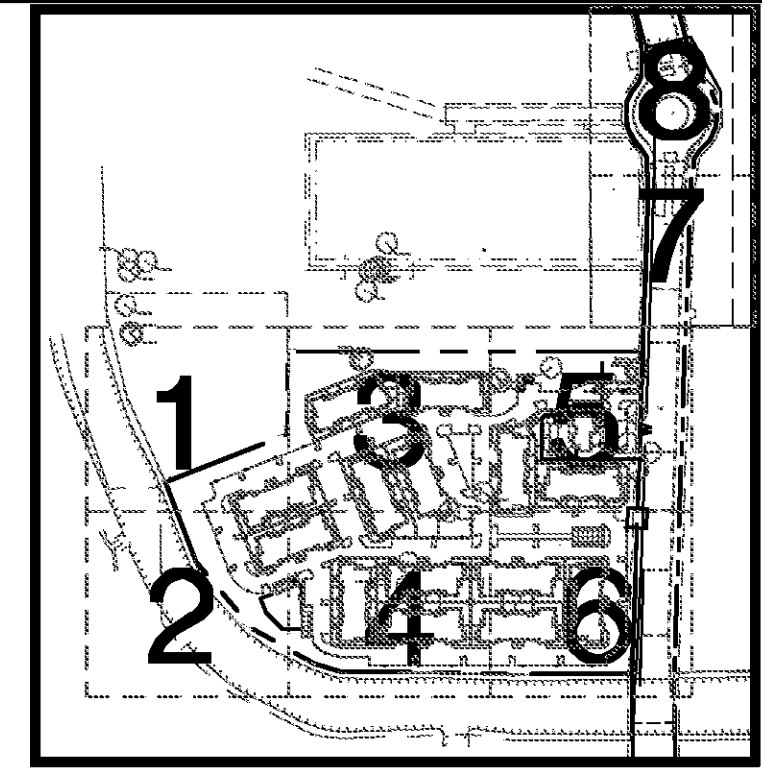
SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN DGS  
CHECKED DEB  
ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 C-6 UTILITY  
SHEET  
**C-6.6**



**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED) ○
- EXISTING POWER POLE ○
- EXISTING POWER POLE WITH LIGHT ○
- EXISTING PARKING LOT LIGHT ○
- EXISTING GUY ANCHOR ○
- EXISTING TELEPHONE PEDESTAL ○
- EXISTING CABLE TV PEDESTAL ○
- EXISTING UNDERGROUND POWER LINE ○
- EXISTING OVERHEAD POWER LINE ○
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- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION × 10.63
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FD
- EXISTING SEWER MANHOLE ○
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- EXISTING WATER VALVE ○
- EXISTING WATER LINE ○
- EXISTING TERRA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



**LEGEND - NEW IMPROVEMENTS**

- WATERLINE ———
- SANITARY SEWERLINE ———
- GAS LINE ———
- UNDERGROUND ELECTRIC (5" TYP) ———
- UNDERGROUND TELEPHONE (2 - 4" TYP) ———
- STORM DRAIN SYSTEM ———
- POWER POLE ○
- SEWER MANHOLE AND STRUCTURE # ○
- FULL DEPTH SAWCUT AND PAVEMENT PATCHING [Hatched Box]
- TELEPHONE PEDESTAL □ TP
- CLEANOUT ○ C.O.
- OIL/WATER SEPERATOR [Box]
- WATER VALVE ○
- WATER METER [Box]
- DOUBLE DETECTOR CHECK BACKFLOW PREVENTER [Box]
- FIRE HYDRANT [Box]
- AT&T HAND HOLE [Box]
- AT&T NEMA BOX (D-MARK) [Box]
- ELECTRICAL PULL BOXES [Box]
- TRANSFORMER PAD [Box]
- REFER TO SHEET C-6.0 FOR DETAIL.

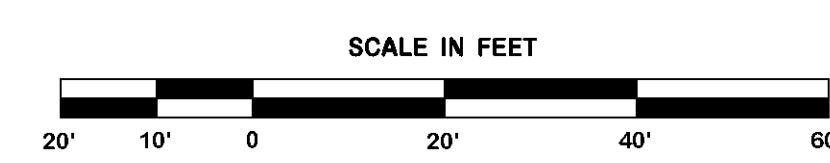
**UTILITY LEGEND**

- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
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- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
202	MANHOLE	10.30	2.05 (203)	1.85 (201)	148.18	10" PVC	0.28%
203	MANHOLE	10.30	2.99 (204)	2.89 (202)	300.29	10" PVC	0.28%

**UTILITY PLAN SECTION 7**



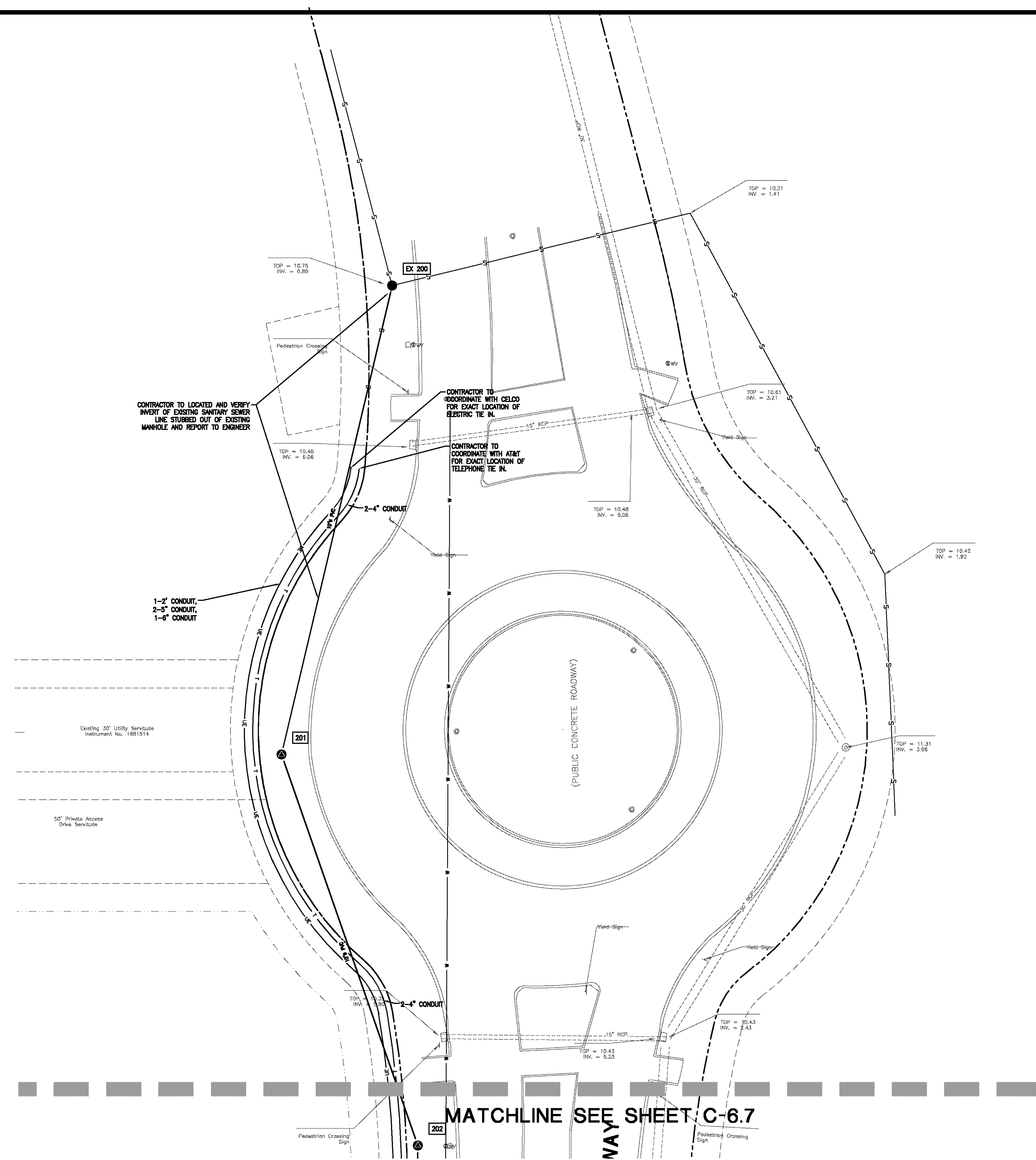
REVISION	BY

**DDG**  
 DUPONTIS DESIGN GROUP, PC  
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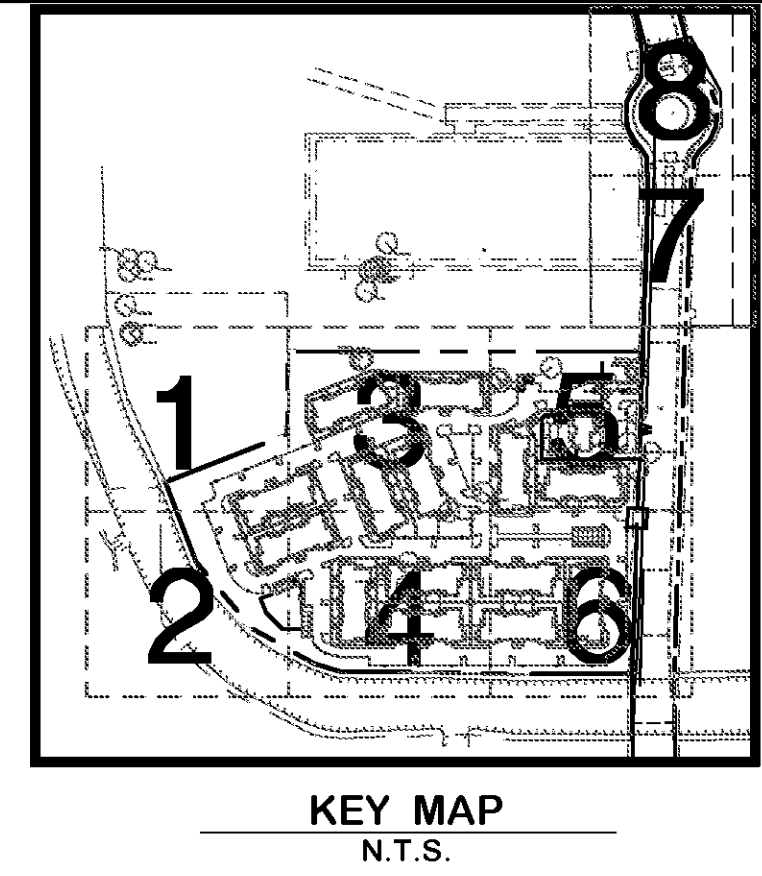
SPRINGS AT FREMAUX TOWN CENTER  
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 FILE 14-248 C-6 UTILITY  
 SHEET C-6.7



**LEGEND-EXISTING**

- FOUND PROPERTY CORNER (AS NOTED) ○
- EXISTING POWER POLE ○
- EXISTING POWER POLE WITH LIGHT ○
- EXISTING PARKING LOT LIGHT ○
- EXISTING GUY ANCHOR ○
- EXISTING TELEPHONE PEDESTAL ○
- EXISTING CABLE TV PEDESTAL ○
- EXISTING UNDERGROUND POWER LINE —UE—
- EXISTING OVERHEAD POWER LINE —OE—
- EXISTING TELEPHONE LINE —T—
- EXISTING CABLE TV LINE —C—
- EXISTING GAS METER GM □
- EXISTING GAS VALVE ΦGV
- EXISTING GAS LINE —G—
- EXISTING BARB WIRE FENCE LINE —X—
- EXISTING CHAIN LINK LINE —CL—
- EXISTING WOOD FENCE LINE —WF—
- EXISTING HIGH DENSITY POLYETHYLENE PIPE 12" HDPE
- EXISTING POLYVINYL CHLORIDE PIPE 12" PVC
- ELEVATION OF TOP OF STRUCTURE TOP = 18.00
- ELEVATION OF BOTTOM OF STRUCTURE INV. = 15.00
- EXISTING SPOT ELEVATION × 10.63
- ELEVATION OF TOP OF CURB 18.50 TC
- ELEVATION OF FACE OF CURB 18.00 FC
- EXISTING SEWER MANHOLE ○
- EXISTING SEWER CLEANOUT ○
- EXISTING GRAVITY SEWER LINE —S—
- EXISTING SEWER FORCE MAIN —SFM—
- EXISTING DRAINAGE MANHOLE ○
- EXISTING SUBSURFACE DRAINAGE —SSD—
- EXISTING CATCH BASIN/DROP INLET ○
- EXISTING FIRE HYDRANT ○
- EXISTING WATER METER WM □
- EXISTING WATER VALVE ΦWV
- EXISTING WATER LINE —W—
- EXISTING TERZA-COTTA PIPE 8" TC
- EXISTING REINFORCED CONCRETE PIPE 18" RCP
- EXISTING CORRUGATED METAL PIPE 24" CMP



- LEGEND - NEW IMPROVEMENTS**
- WATERLINE —W—
  - SANITARY SEWERLINE —S—
  - GAS LINE —G—
  - UNDERGROUND ELECTRIC (5" TYP) —UE—
  - UNDERGROUND TELEPHONE (2 - 4" TYP) —UT—
  - STORM DRAIN SYSTEM —SD—
  - POWER POLE ○
  - SEWER MANHOLE AND STRUCTURE # ○
  - FULL DEPTH SAWCUT AND PAVEMENT PATCHING [Hatched Box]
  - TELEPHONE PEDESTAL □ TP
  - CLEANOUT ○ C.O.
  - OIL/WATER SEPARATOR ○
  - WATER VALVE ○
  - WATER METER ○
  - DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ○
  - FIRE HYDRANT ○
  - AT&T HAND HOLE ○
  - AT&T NEMA BOX (D-MARK) ○
  - ELECTRICAL PULL BOXES ○
  - TRANSFORMER PAD ○
  - REFER TO SHEET C-6.0 FOR DETAIL.

**UTILITY LEGEND**

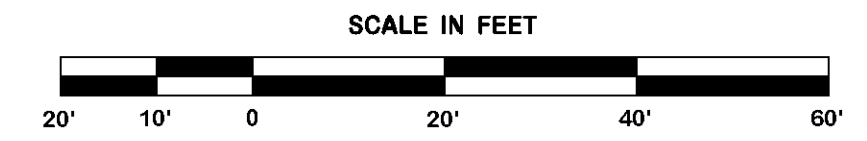
- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.00% SLOPE WITH CLEANOUT 3' OFF BUILDING. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION & ELEVATION.
- (B) 2" DOMESTIC WATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATIONS INTO THE BUILDINGS. CONTRACTOR IS REQUIRED TO INSTALL AN RPZ BACKFLOW PREVENTER ON THE 2" DOMESTIC LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS. THE DOMESTIC WATER METER SHALL BE SET OUTSIDE THE BUILDING, AS SHOWN. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL ON SIZE AND TYPE OF METER REQUIRED.
- (C) 2" IRRIGATION METER. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR DETAILS. CONTRACTOR TO COORDINATE WITH CITY OF SLIDELL FOR TYPE OF METER.
- (D) 4" FIREWATER ENTRY. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT ENTRY LOCATION INTO BUILDING. CONTRACTOR IS REQUIRED TO INSTALL A DOUBLE DETECTOR CHECK BACKFLOW PREVENTER ON 4" FIRE LINE INSIDE THE BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- (E) UNDERGROUND ELECTRIC TO BE EXTENDED TO BUILDING BY THE ELECTRIC CONTRACTOR. CLECO WILL PROVIDE PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL SUPPLY CONCRETE PAD AND CONDUIT FROM THE TIE-IN LOCATION AT THE RIGHT OF WAY TO THE TRANSFORMER. CONTRACTOR TO PROVIDE 1-5" CONDUIT FOR PRIMARY ROUTING OF ELECTRIC SERVICE. CONTRACTOR TO PROVIDE 1-4" SECONDARY CONDUIT TO THE BUILDING. CONTRACTOR TO COORDINATE WITH CLECO FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION & METER DESIGN.
- (F) UNDERGROUND TELEPHONE WIRING TO BE EXTENDED TO BUILDING BY AT&T. CONTRACTOR SHALL INSTALL (2)-4" CONDUIT FOR UNDERGROUND TELEPHONE SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCHING, BEDDING, BACK FILL WHICH MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY FOR SAID WORK. REFER TO ARCHITECTURAL PLANS FOR ENTRY LOCATION, PANEL SIZE, & GROUND.
- (G) FIRE HYDRANT & ASSEMBLY. CONTRACTOR TO COORDINATE WITH ST. TAMMANY PARISH FIRE DEPARTMENT FOR FIRE HYDRANT TYPE & ASSEMBLY. TYPICAL AS INDICATED. CONTRACTOR TO PROVIDE BOLLARD PROTECTION WHERE SHOWN.
- (H) 2" SIGN CONDUIT SYSTEM. CONTRACTOR TO COORDINATE WITH THE DEVELOPER FOR INSTALLATION OF CONDUIT AND SIGN.

MATCHLINE SEE SHEET C-6.7

MAY

STRUCTURE TABLE							
STRUCTURE NUMBER	TYPE	GUTTER/CASTING ELEV	INVERT IN	ELEVATION OUT	PIPE LENGTH	PIPE TYPE	PIPE SLOPE
201							
200-201	MANHOLE	4.73	1.53 (202)	1.43 (EX 200)	172.50	10" PVC	0.28%
202							
201-202	MANHOLE	10.30	2.05 (203)	1.95 (201)	148.18	10" PVC	0.28%
EX 200	MANHOLE	10.69	0.95 (201)				

# UTILITY PLAN SECTION 8



REVISION	BY

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 DUPLONTIS DESIGN GROUP, PC  
 CIVIL ENGINEERING ARCHITECTURE  
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 WWW.DDGPC.COM PHONE: 985-249-6186 FAX: 985-249-6190  
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

DRAWN DGS  
 CHECKED DEB  
 ISSUED DATE 6/23/14  
 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-6 UTILITY  
 SHEET  
**C-6.8**

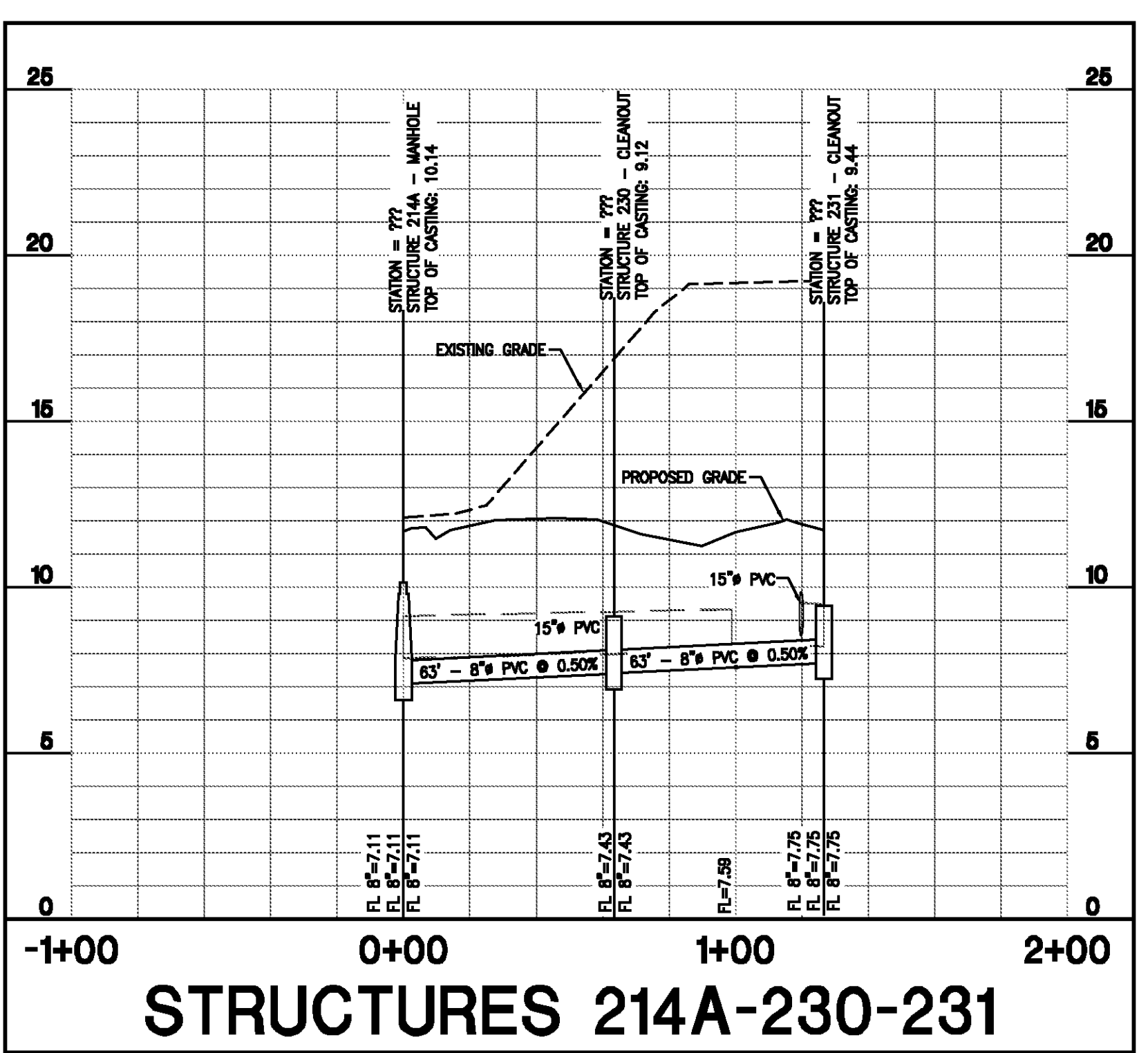
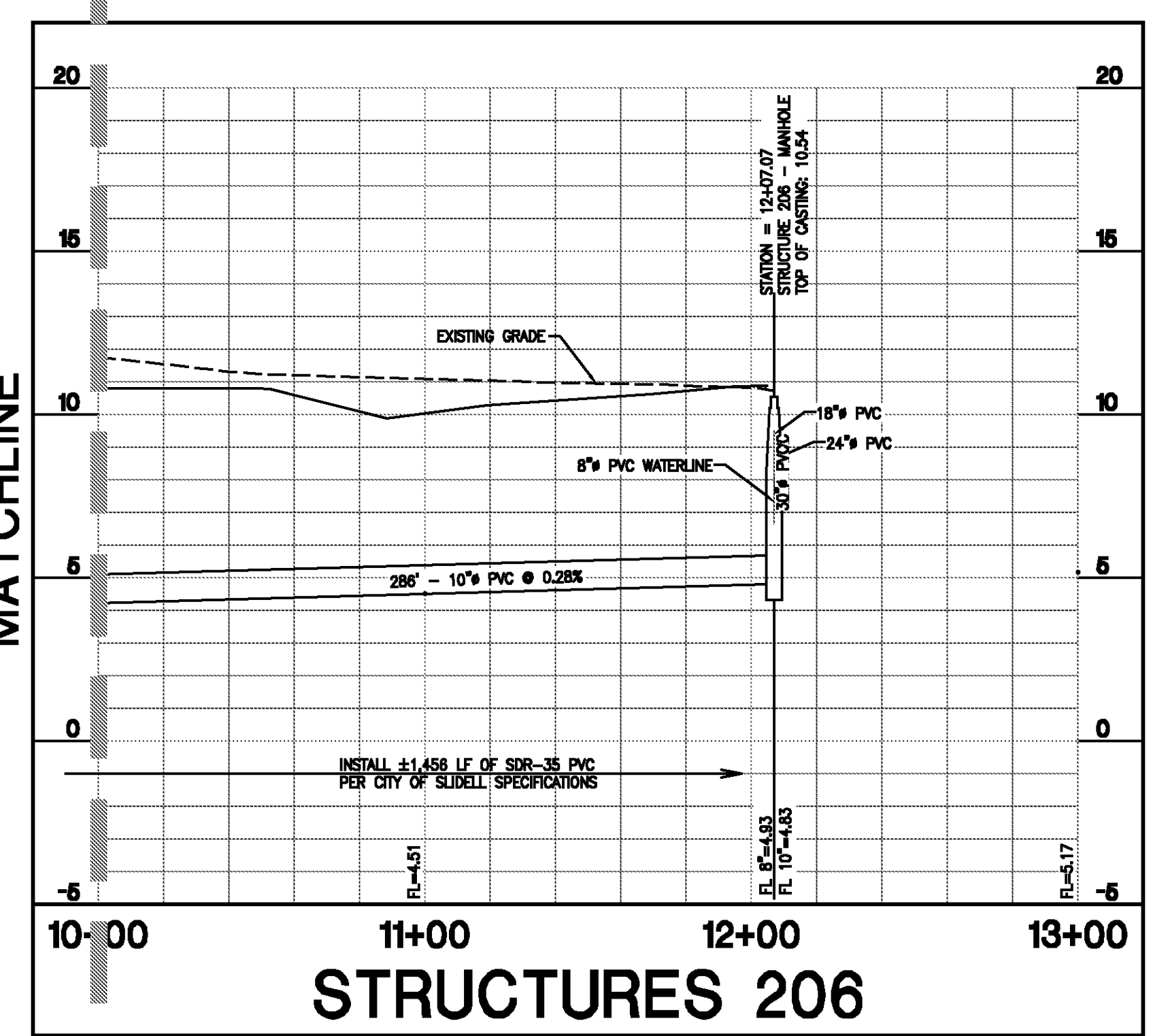
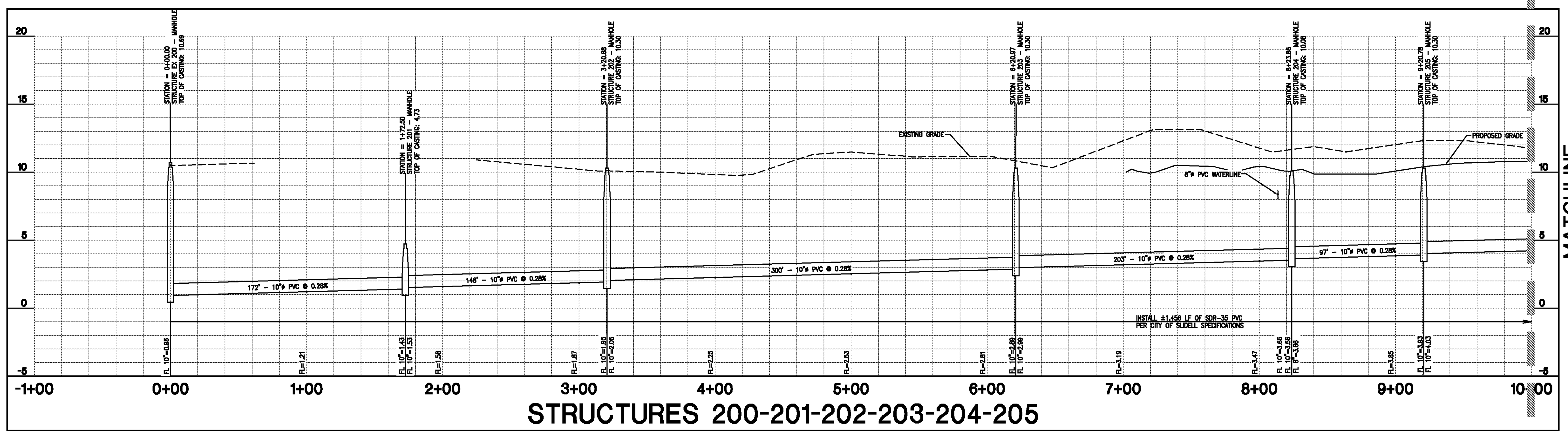
REVISION	BY

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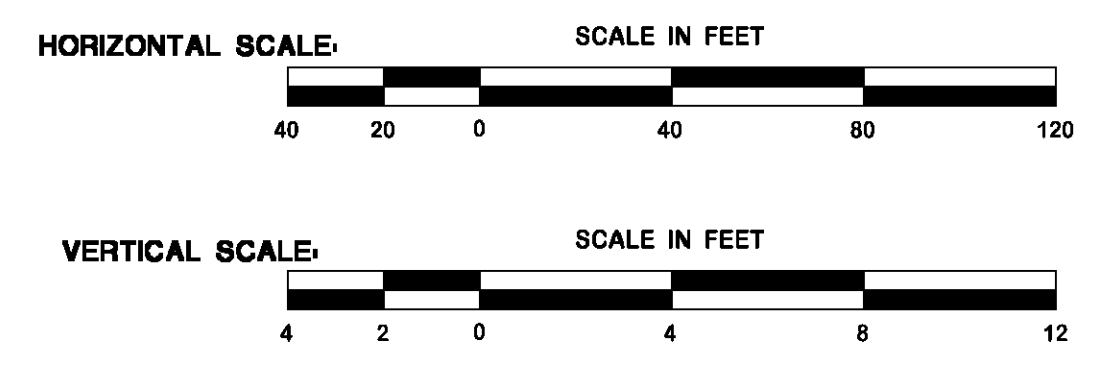
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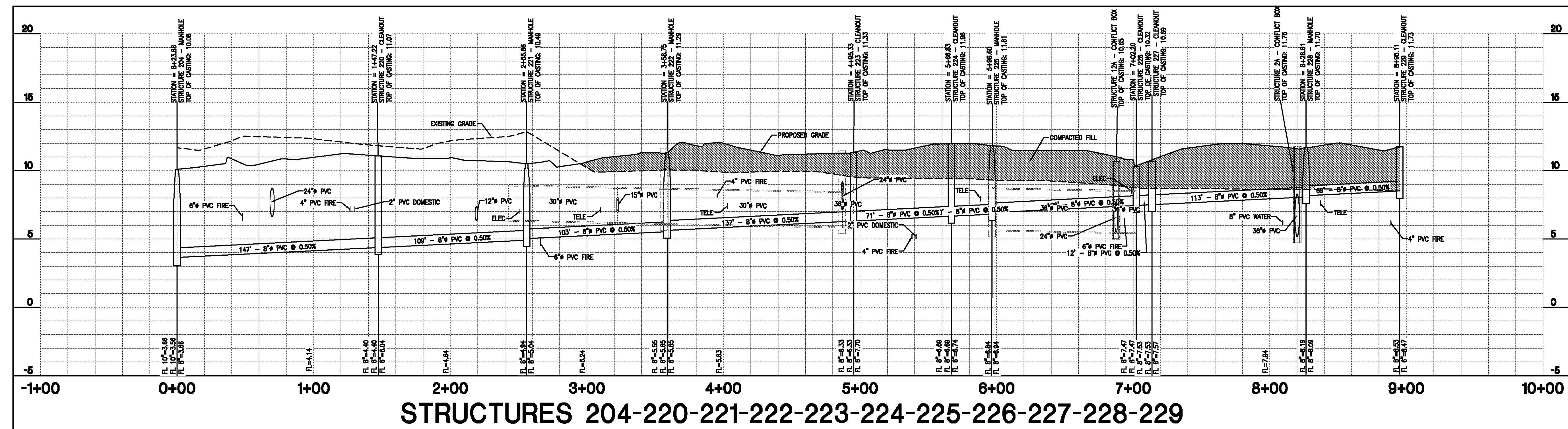
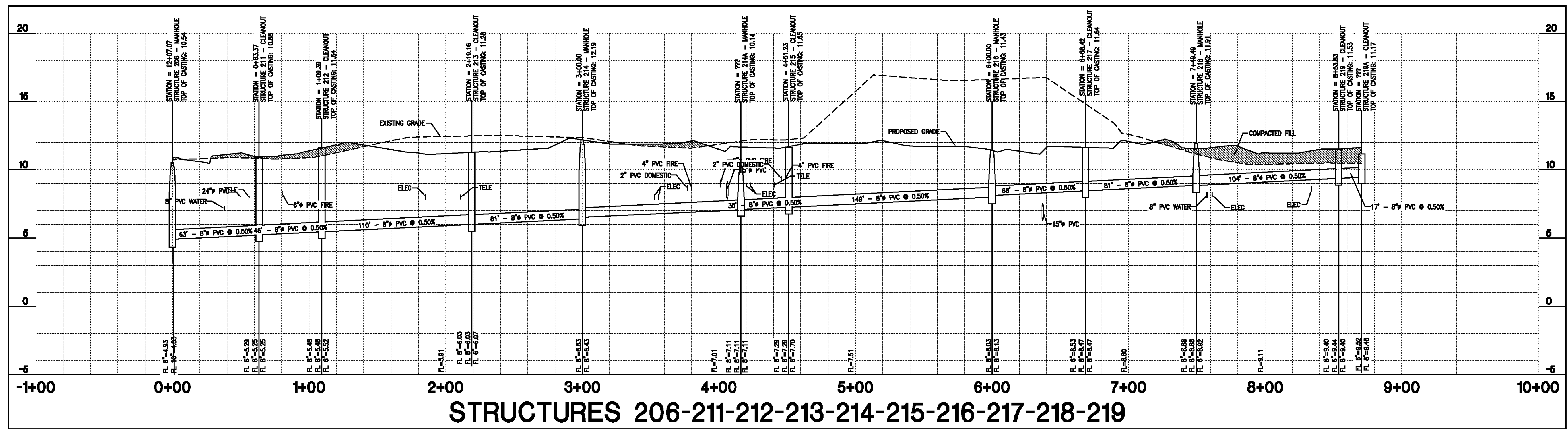
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 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-7 SANITARY PROFILES  
 SHEET C-7.1

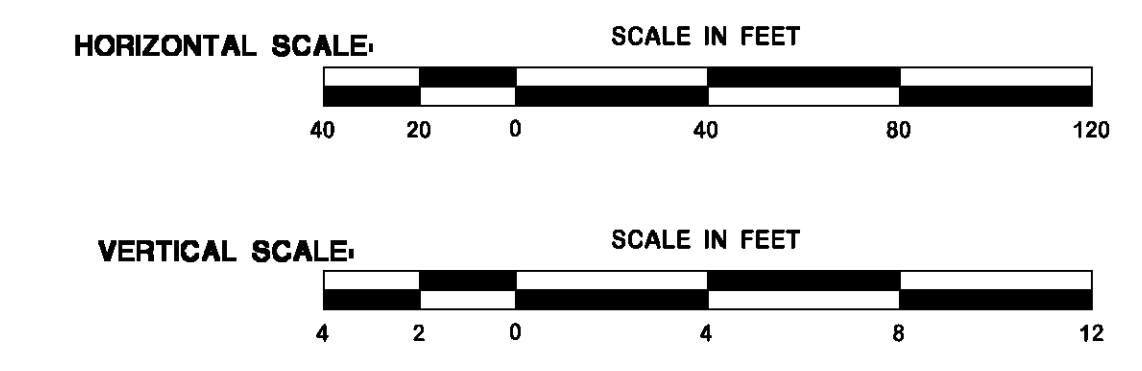


# SANITARY SEWER PROFILE SHEET 1





# SANITARY SEWER PROFILE SHEET 2



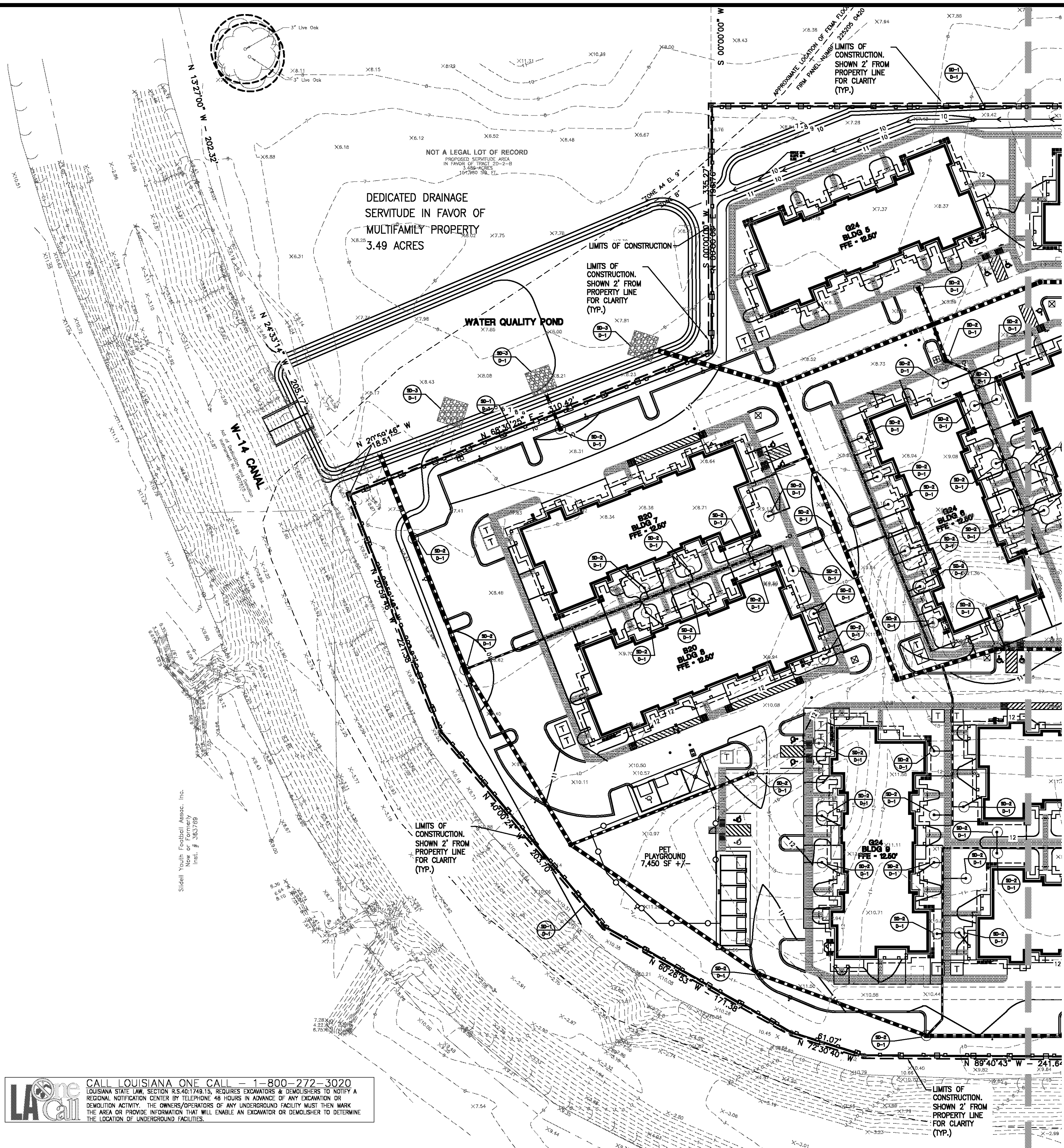
REVISION	BY

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SPRINGS AT FREMAUX TOWN CENTER  
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DRAWN DGS
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ISSUED DATE 8/23/14
ISSUED FOR PERMITTING
PROJECT NO. 14-248
FILE 14-248 C-7 SANITARY PROFILES
SHEET <b>C-7.2</b>



**EROSION CONTROL NOTES:**

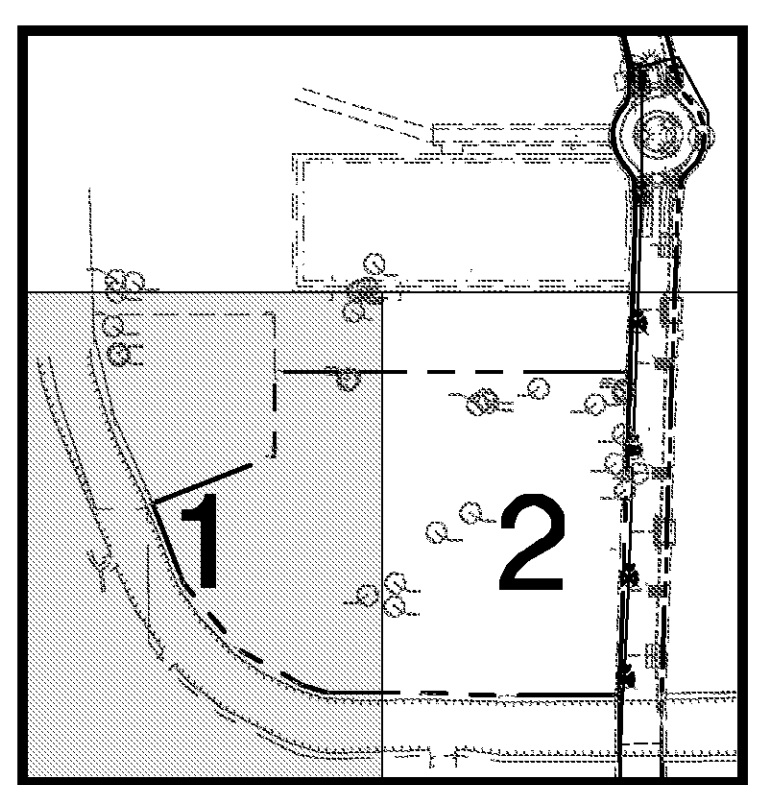
1. SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EROSION CONTROL FACILITIES DURING THE ENTIRE CONSTRUCTION PERIOD. FACILITIES ARE NOT TO BE REMOVED UNTIL COMPLETION OF THE PROJECT.
3. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY GOVERNING AUTHORITIES.
4. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO 1" FROM THE BOTTOM OF THE FENCE.
5. EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY & AFTER EACH RAINFALL & REPAIRED AS NECESSARY.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER &/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT. AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOIL. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOIL AT THE PROPER TIME OF YEAR.
7. FILL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY & PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR & THE GRADING CONTRACTOR SHALL REVIEW THEIR GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITHOUT PERMANENT STABILIZATION.
9. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES PRIOR TO ANY EARTHWORK OPERATIONS.
10. CONTRACTOR SHALL MAINTAIN SILT FENCES FOR THE DURATION OF THE PROJECT UNTIL ACCEPTED BY THE OWNER AT NO EXPENSE TO OWNER.
11. CONTRACTOR SHALL INSPECT ON A DAILY BASIS FOR NEEDED REMOVAL OF ANY ACCUMULATED SILTS, DEBRIS, OR REPAIR OF DAMAGED SILT FENCE AT NO ADDITIONAL EXPENSE TO OWNER.
12. PRIOR TO CONSTRUCTION, THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HEREIN SHALL BE IN PLACE. CLEARING & GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION & SEDIMENT CONTROL MEASURES AS SHOWN HEREIN UNTIL ALL SUCH MEASURES ARE IN PLACE.
13. LAND DISTURBING ACTIVITIES WILL BE KEPT TO A MINIMUM & WILL NOT EXTEND BEYOND THE LIMITS SHOWN.
14. SEDIMENT & EROSION CONTROL MEASURES WILL BE INSPECTED ON A DAILY BASIS & WILL BE REPAIRED, ADJUSTED & MAINTAINED AS NEEDED OR REQUIRED BY GOVERNING AGENCIES AT NO ADDITIONAL EXPENSE TO THE OWNER TO PROVIDE EROSION & SEDIMENT CONTROL FOR THE DURATION OF CONSTRUCTION & UNTIL ALL DISTURBED AREAS ARE STABILIZED.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE "PRIME CONTRACTOR CERTIFICATION" & "THE MONTHLY INSPECTION REPORT & CERTIFICATION FORM FOR EROSION & SEDIMENTATION CONTROLS" LOCATED IN THE STORM WATER POLLUTION PREVENTION PLAN.
16. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SILT FENCING AS SHOWN AT THE PERIMETER OF THE SITE PLAN PRIOR TO LAND CLEARING ACTIVITIES.
17. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRADED AREAS ARE COMPLETE.
18. WATER THE CONSTRUCTION AREA FOR DUST CONTROL.
19. SEE SHEET C-1 FOR PROPERTY LINE BEARING AND DISTANCES.
20. CONCRETE WASHED AREA CAN BE RELOCATED DURING CONSTRUCTION AS NECESSARY.

**BMP MAINTENANCE EROSION NOTES:**

- ALL MEASURES STATED ON THIS SITE MAP, & IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, & REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES & BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
  2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, & RESEED AS NEEDED.
  3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 1" FROM BOTTOM OF THE SILT FENCE.
  4. CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
  5. THE TEMPORARY PARKING & STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING & STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
  6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
  7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS, ANY DEBRIS &/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

**EXISTING LEGEND**

○ WATER METER	○ GAS UID	○ EXISTING GAS LINE
○ WATER VALVE	□ FUEL PORT	○ EXISTING IRRIGATION/SPRINKLER
○ FIRE HYDRANT	○ FUEL LEVEL PORT	○ EXISTING OVERHEAD ELECTRIC
○ SEWER MANHOLE	○ PIPE LINE VENT	○ EXISTING PHONE LINE
○ SEWER CLEAN OUT	△ TADOT BRASS DISK	○ EXISTING PIPE LINE
○ POWER POLE	○ PARKING BOLLARD	○ EXISTING RAW WATER LINE
○ STREET LIGHT	○ A/C PAD	○ EXISTING REUSE LINE
○ GUY ANCHOR	○ FOUND 1/2" LR. W/CAP UNLESS OTHERWISE NOTED	○ EXISTING SEWER LINE
○ TELE. PED.	○ SET 1/2" LR. W/CAP UNLESS OTHERWISE NOTED	○ EXISTING STORM DRAIN
○ MONITOR WELL	○ BENCH MARK	○ EXISTING UNDERGROUND CABLE
○ GAS RISER	○ SAW CUT "X"	○ EXISTING UNDERGROUND POWER
○ GAS METER	○ WATER WELL	○ EXISTING WATER LINE
○ PIPELINE MARKER	○ ATMOS MARKER	
○ STOP SIGN	○ EXISTING CONCRETE	
○ MAIL BOX	○ EXISTING PAVEMENT	
○ SPRINKLER VALVE	○ EXISTING FENCE	
○ PAY PHONE	○ EXISTING FIBER OPTIC	
○ GREASE TRAP	○ EXISTING FIRE LINE	
○ GAS MANHOLE	○ EXISTING FORCE MAIN	
○ BOLLARD		

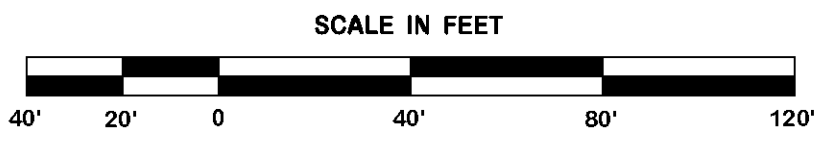


**LEGEND (PROPOSED)**

○ SD-1	SILT FENCE
○ SD-2	INLET PROTECTION
○ SD-3	TEMPORARY STONE CONSTRUCTION EXIT
○ SD-4	GRAVEL CURB INLET SEDIMENT FILTER
→ S →	DIRECTION OF OVERLAND FLOW
--- 17 ---	PROPOSED CONTOUR
---	PROPERTY LINE
---	LIMITS OF DISTURBANCE
▨	8" THICK CONSTRUCTION ACCESS SURFACE & STAGING AREA
○ SD-1	REFERENCES LEGEND
○ C-8	REFERENCES SHEET FOR DETAIL
○	TREE PROTECTION FENCE

ACREAGE SUMMARY	
TOTAL PROJECT AREA	+/- 20.00 ACRES
LIMITS OF CONSTRUCTION	+/- 20.00 ACRES
IMPREVIOUS AREA	+/- 8.80 ACRES
PERVIOUS AREA	+/- 11.20 ACRES

**EROSION CONTROL PLAN SECTION 1**



REVISION	BY

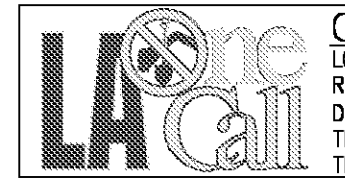
**DDG**  
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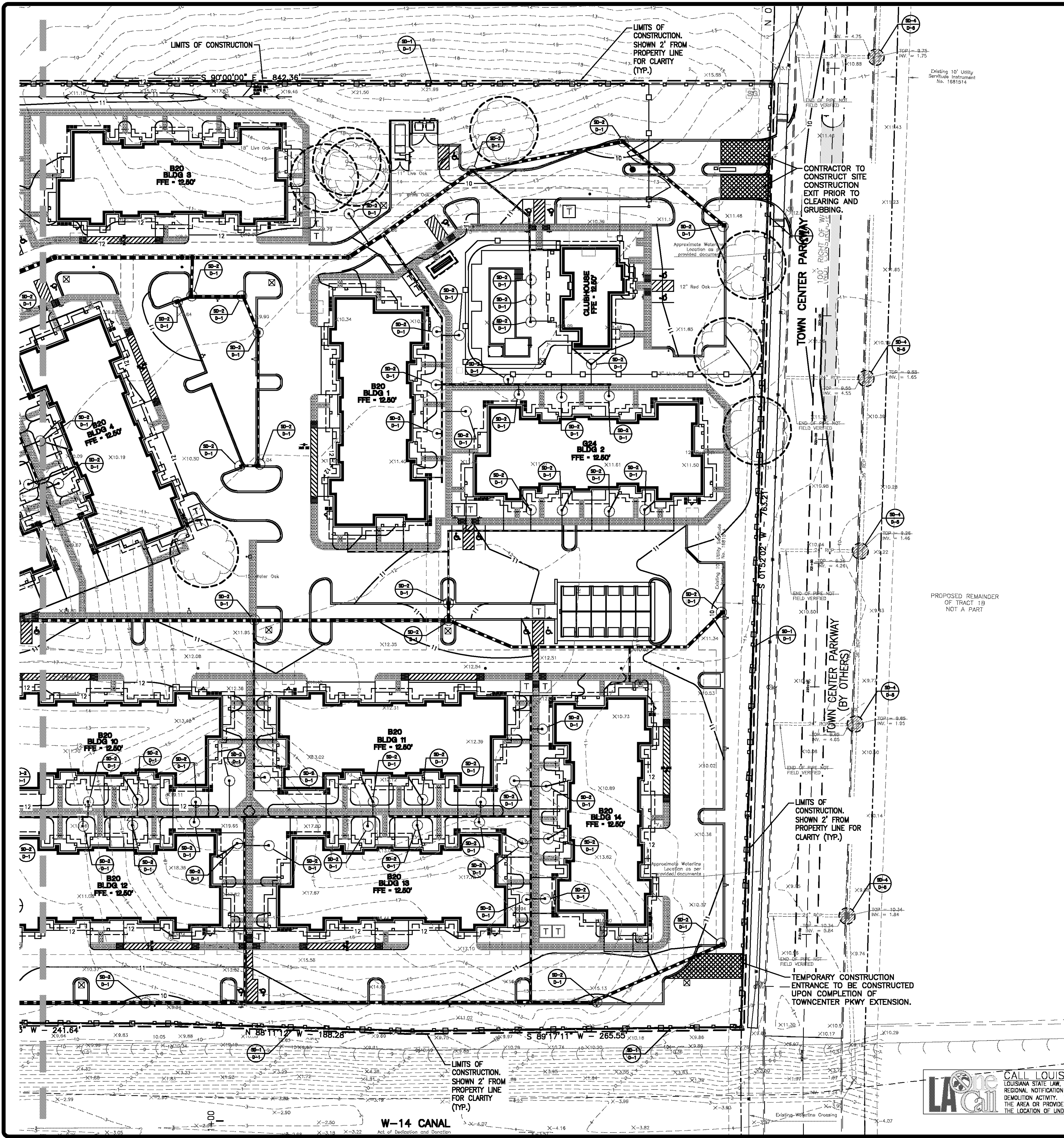
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 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONIEE FALLS, WI

DRAWN DGS  
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 PROJECT NO. 14-248  
 FILE 14-248 C-8 PH2 EROSION  
 SHEET C-8.1

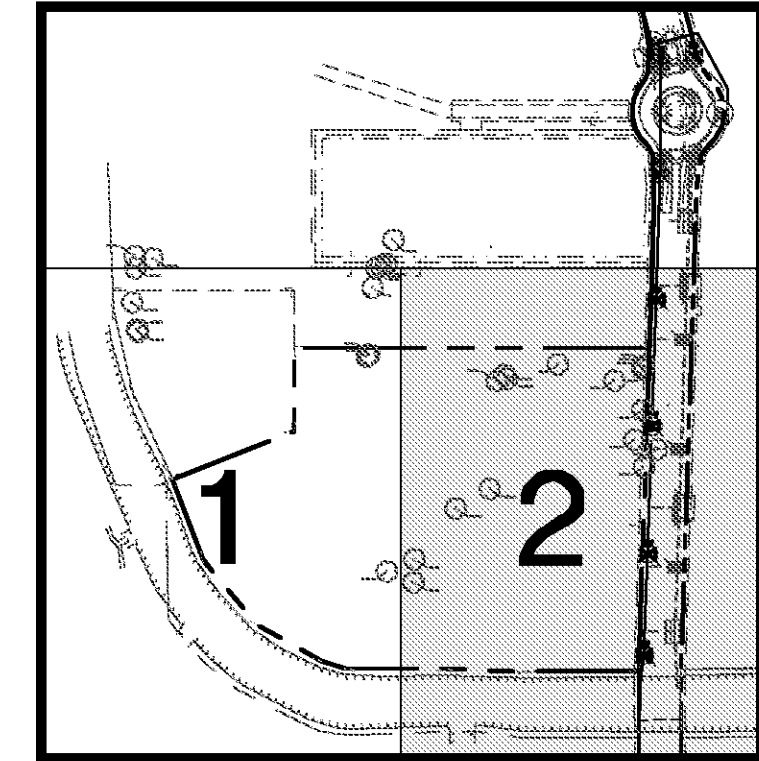
CALL LOUISIANA ONE CALL - 1-800-272-3020  
 LOUISIANA STATE LAW, SECTION R.S.40:1749.15, REQUIRES EXCAVATORS & DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.





**EROSION CONTROL NOTES:**

1. SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EROSION CONTROL FACILITIES DURING THE ENTIRE CONSTRUCTION PERIOD. FACILITIES ARE NOT TO BE REMOVED UNTIL COMPLETION OF THE PROJECT.
3. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY GOVERNING AUTHORITIES.
4. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO 1' FROM THE BOTTOM OF THE TIE FENCE.
5. EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY & AFTER EACH RAINFALL & REPAIRED AS NECESSARY.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER &/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT, AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOO. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOO AT THE PROPER TIME OF YEAR.
7. FILL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY & PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR & THE GRADING CONTRACTOR SHALL REVIEW THEIR GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITHOUT PERMANENT STABILIZATION.
9. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES PRIOR TO ANY EARTHWORK OPERATIONS.
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12. PRIOR TO CONSTRUCTION, THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HEREON SHALL BE IN PLACE. CLEARING & GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION & SEDIMENT CONTROL MEASURES AS SHOWN HEREON UNTIL ALL SUCH MEASURES ARE IN PLACE.
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15. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE "PRIME CONTRACTOR CERTIFICATION" & "THE MONTHLY INSPECTION REPORT & CERTIFICATION FORM FOR EROSION & SEDIMENT CONTROL" LOCATED IN THE STORM WATER POLLUTION PREVENTION PLAN.
16. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SILT FENCING AS SHOWN AT THE PERIMETER OF THE SITE PLAN PRIOR TO LAND CLEARING ACTIVITIES.
17. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRADED AREAS ARE COMPLETE.
18. WATER THE CONSTRUCTION AREA FOR DUST CONTROL.
19. SEE SHEET C-1 FOR PROPERTY LINE BEARING AND DISTANCES.
20. CONCRETE WASHED AREA CAN BE RELOCATED DURING CONSTRUCTION AS NECESSARY.



**LEGEND (PROPOSED)**

- SD-1 SILT FENCE
- SD-2 INLET PROTECTION
- SD-3 TEMPORARY STONE CONSTRUCTION EXIT
- SD-4 GRVEL CURB INLET SEDIMENT FILTER
- S DIRECTION OF OVERLAND FLOW
- 17- PROPOSED CONTOUR
- PROPERTY LINE
- LIMITS OF DISTURBANCE
- 8" THICK CONSTRUCTION ACCESS SURFACE & STAGING AREA
- SD-1 REFERENCES LEGEND
- C-1 REFERENCES SHEET FOR DETAIL
- TREE PROTECTION FENCE

**BMP MAINTENANCE EROSION NOTES:**

- ALL MEASURES STATED ON THIS SITE MAP, & IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, & REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES & BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
  2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, & RESEED AS NEEDED.
  3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 1' FROM BOTTOM OF THE SILT FENCE.
  4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
  5. THE TEMPORARY PARKING & STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING & STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
  6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY SOIL.
  7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS A/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

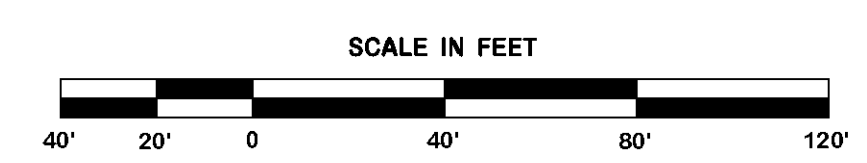
**EXISTING LEGEND**

- WATER METER
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- SEWER CLEAN OUT
- POWER POLE
- STREET LIGHT
- GUY ANCHOR
- TELE. PED.
- MONITOR WELL
- GAS RISER
- GAS METER
- PIPELINE MARKER
- STOP SIGN
- MAIL BOX
- SPRINKLER VALVE
- PAY PHONE
- GREASE TRAP
- GAS MANHOLE
- BOLLARD
- GAS LID
- FUEL PORT
- FUEL LEVEL PORT
- PIPE LINE VENT
- TYPOT BRASS DISK
- PARKING BOLLARD
- A/C PAD
- FOUND 1/2" I.R. W/CAP UNLESS OTHERWISE NOTED
- SET 1/2" I.R. W/CAP UNLESS OTHERWISE NOTED
- BENCH MARK
- SAW CUT "X"
- WATER WELL
- ATMOS MARKER
- EXISTING CONCRETE
- EXISTING PAVEMENT
- EXISTING FENCE
- EXISTING FIBER OPTIC
- EXISTING FIRE LINE
- EXISTING FORCE MAIN
- EXISTING GAS LINE
- EXISTING IRRIGATION/SPRINKLER
- EXISTING OVERHEAD ELECTRIC
- EXISTING PHONE LINE
- EXISTING PIPE LINE
- EXISTING RAW WATER LINE
- EXISTING REUSE LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING UNDERGROUND CABLE
- EXISTING UNDERGROUND POWER
- EXISTING WATER LINE

**ACREAGE SUMMARY**

TOTAL PROJECT AREA	+/- 20.00 ACRES
LIMITS OF CONSTRUCTION	+/- 20.00 ACRES
IMPREVIOUS AREA	+/- 8.80 ACRES
PERVIOUS AREA	+/- 11.20 ACRES

**EROSION CONTROL PLAN SECTION 2**



CALL LOUISIANA ONE CALL - 1-800-272-3020  
 LOUISIANA STATE LAW, SECTION R.S. 40:1749.15, REQUIRES EXCAVATORS & DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 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.

**REVISION BY**

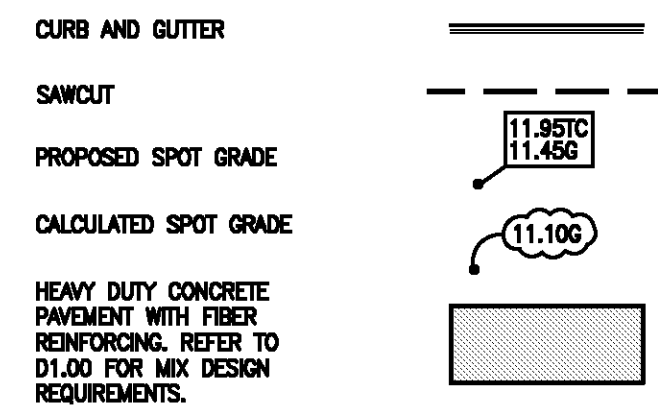

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 DUPONTIS DESIGN GROUP, PC  
 CIVIL ENGINEERING - ARCHITECTURE  
 34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
 WWW.DDGP.COM PHONE: 985-496-6800 || FAX: 985-496-9190  
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SPRINGS AT FREMAUX TOWN CENTER  
 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONIEE FALLS, WI

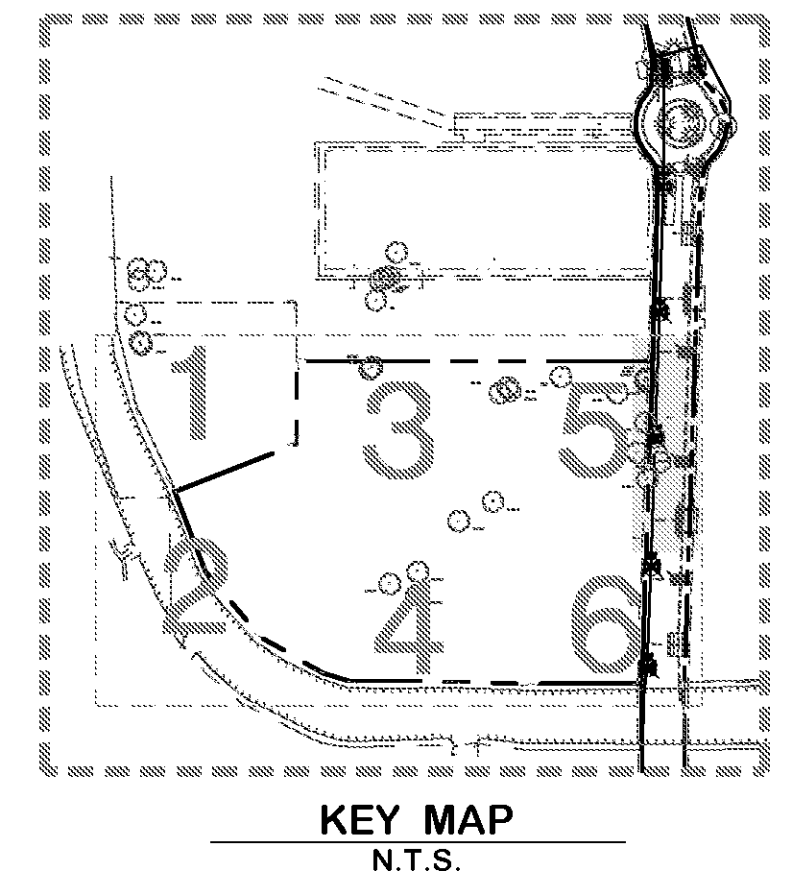
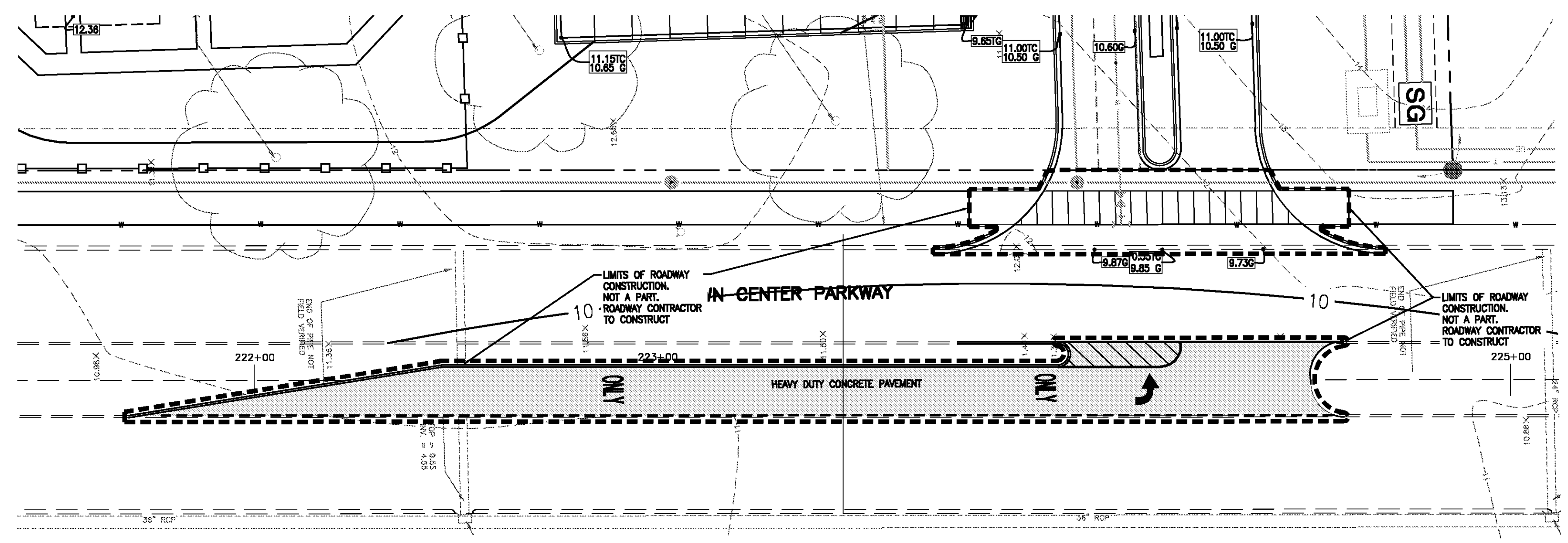
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 CHECKED DEB  
 ISSUED DATE 8/23/14  
 ISSUED FOR PERMITTING  
 PROJECT NO. 14-248  
 FILE 14-248 C-8 PH2 EROSION  
 SHEET C-8.2

**LEGEND - NEW IMPROVEMENTS**

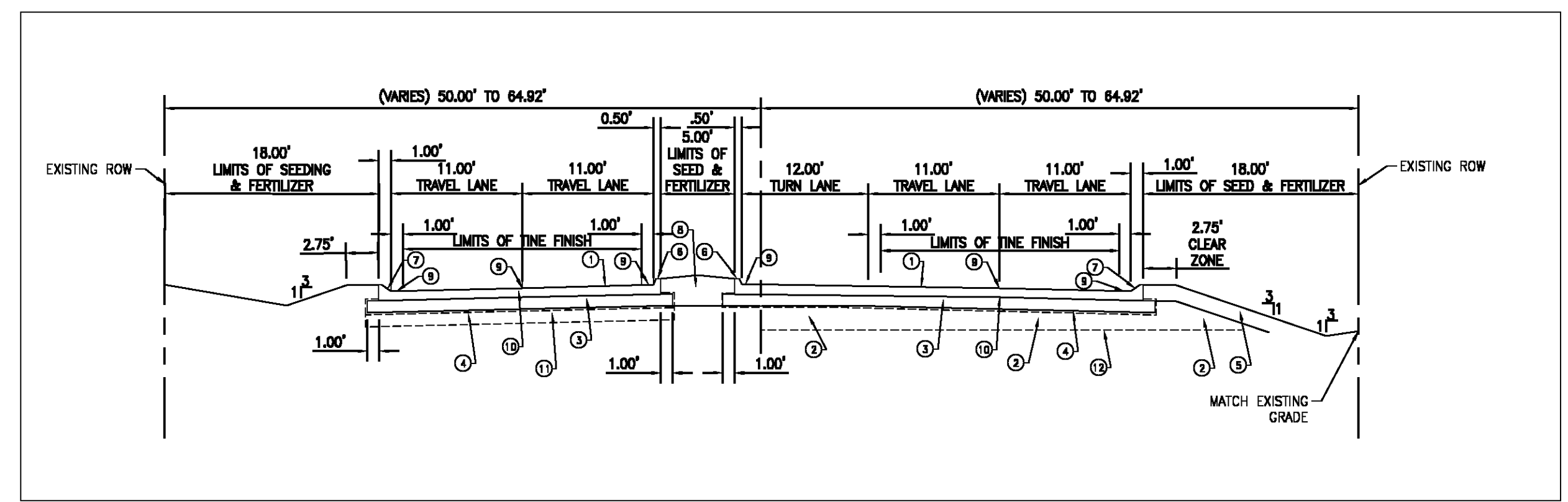


**LEGEND-EXISTING**

FOUND PROPERTY CORNER (AS NOTED)	◇	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	*10.03
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	⊞
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	⊞
EXISTING UNDERGROUND POWER LINE	—UE—	EXISTING GRAVITY SEWER LINE	—S—
EXISTING OVERHEAD POWER LINE	—OE—	EXISTING SEWER FORCE MAIN	—SFM—
EXISTING TELEPHONE LINE	—T—	EXISTING DRAINAGE MANHOLE	⊞
EXISTING CABLE TV LINE	—C—	EXISTING SUBSURFACE DRAINAGE	=====
EXISTING GAS METER	GM □	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊗GV	EXISTING FIRE HYDRANT	⊞
EXISTING GAS LINE	—G—	EXISTING WATER METER	WM □
EXISTING BARR WIRE FENCE LINE	—X—	EXISTING WATER VALVE	⊗WV
EXISTING CHAIN LINK FENCE LINE	—O—	EXISTING WATER LINE	—W—
EXISTING WOOD FENCE LINE	—□—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

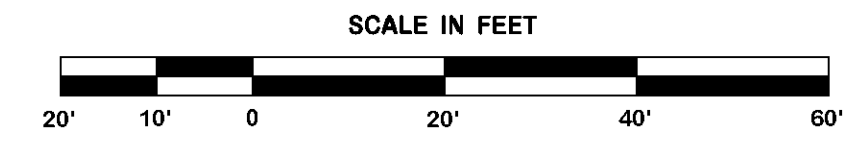


**PAVING AND GRADING**



- ① PORTLAND CEMENT CONCRETE PAVEMENT (8" THICK), TRANSVERSE FINE FINISH
- ② NONPLASTIC EMBANKMENT
- ③ CLASS II BASE COURSE (12" THICK). SEE NOTES FOR ALLOWABLE MATERIALS.
- ④ GEOTEXTILE FABRIC FOR CLASS II BASE. QUANTITY NOT MEASURED FOR PAYMENT.
- ⑤ PLASTIC SOIL BARRIER (12" THICK). QUANTITY IS INCLUDED IN VOLUME FOR NONPLASTIC EMBANKMENT.
- ⑥ CONCRETE INTEGRAL BARRIER CURB
- ⑦ CONCRETE INTEGRAL MOUNTABLE CURB
- ⑧ BORROW (27" THICK)
- ⑨ PAVEMENT MARKINGS
- ⑩ LONGITUDINAL CONSTRUCTION JOINT
- ⑪ LIME TREATMENT (TYPE D)
- ⑫ GEOTEXTILE FABRIC

**LEFT TURN LANE PLAN**



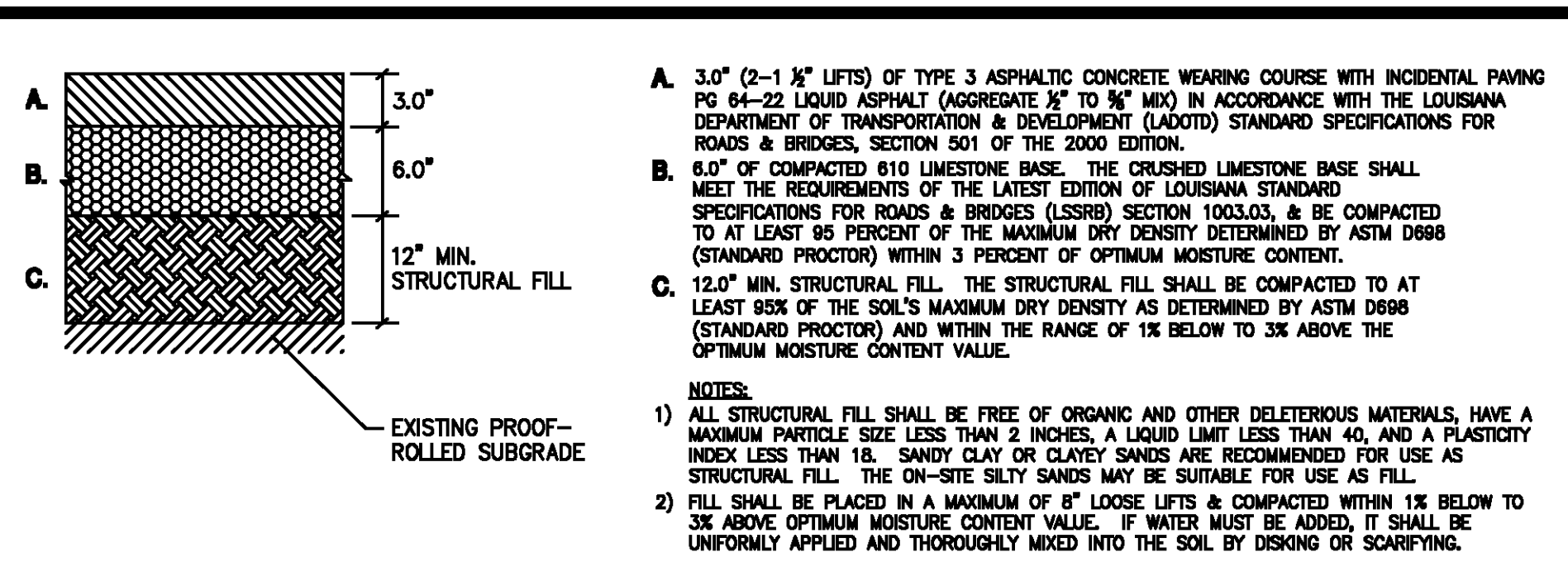
REVISION	BY

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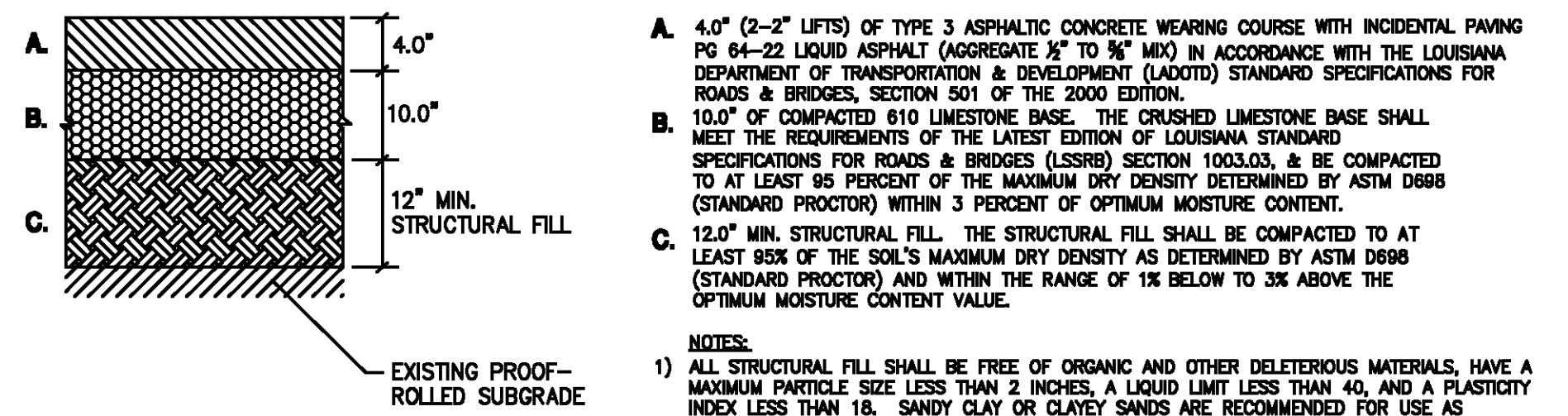
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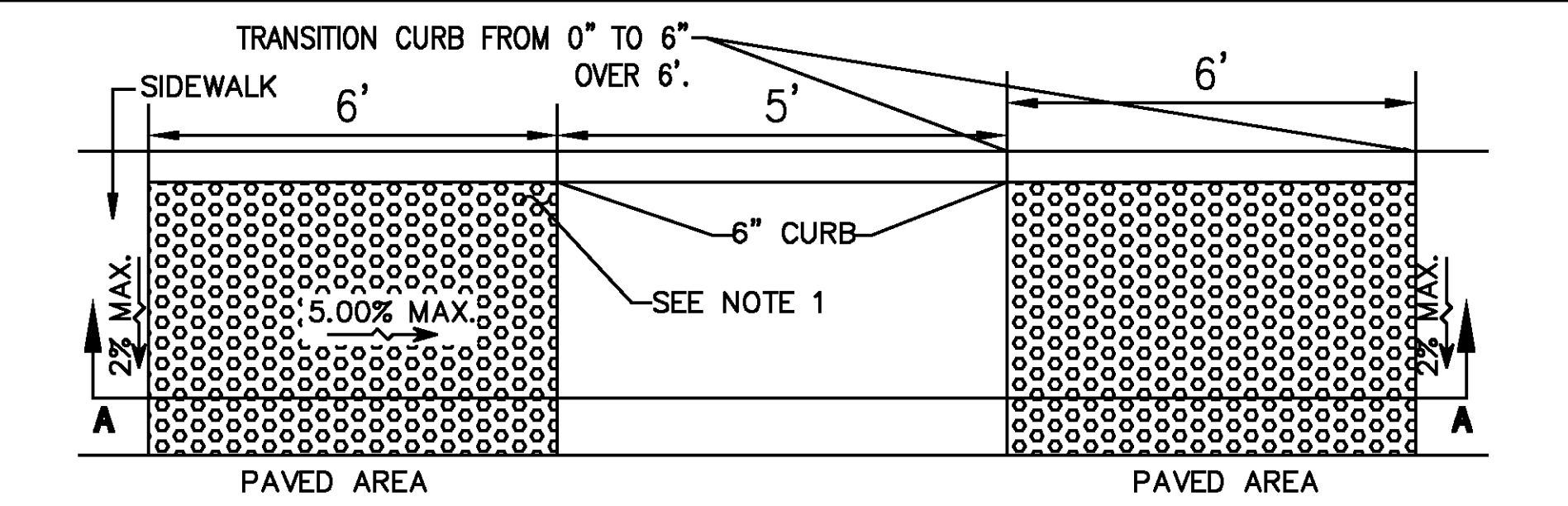
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CHECKED	DEB
ISSUED DATE	8/23/14
ISSUED FOR PERMITTING	
PROJECT NO.	14-248
FILE	14-248 C-9 TURN LANE
SHEET	C-9.1



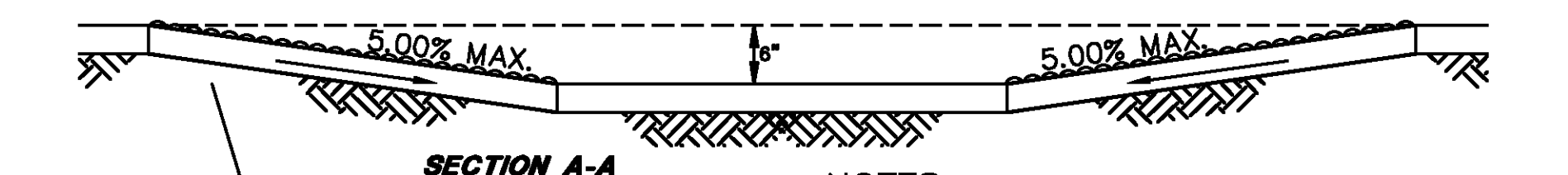
**STANDARD DUTY ASPHALTIC PAVEMENT**  
N.T.S.



**HEAVY DUTY ASPHALTIC PAVEMENT**  
N.T.S.



**PLAN VIEW**

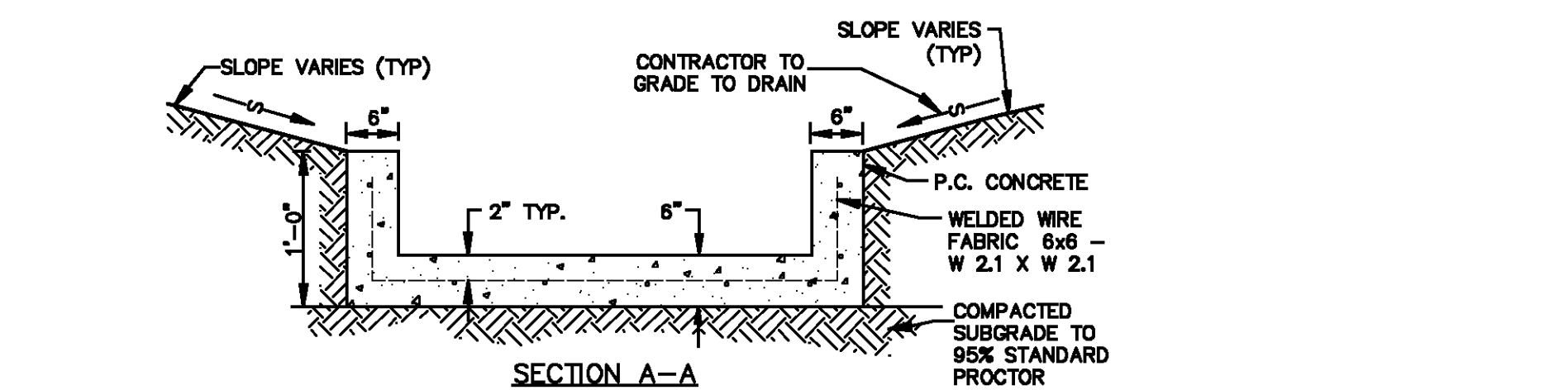


**SECTION A-A**

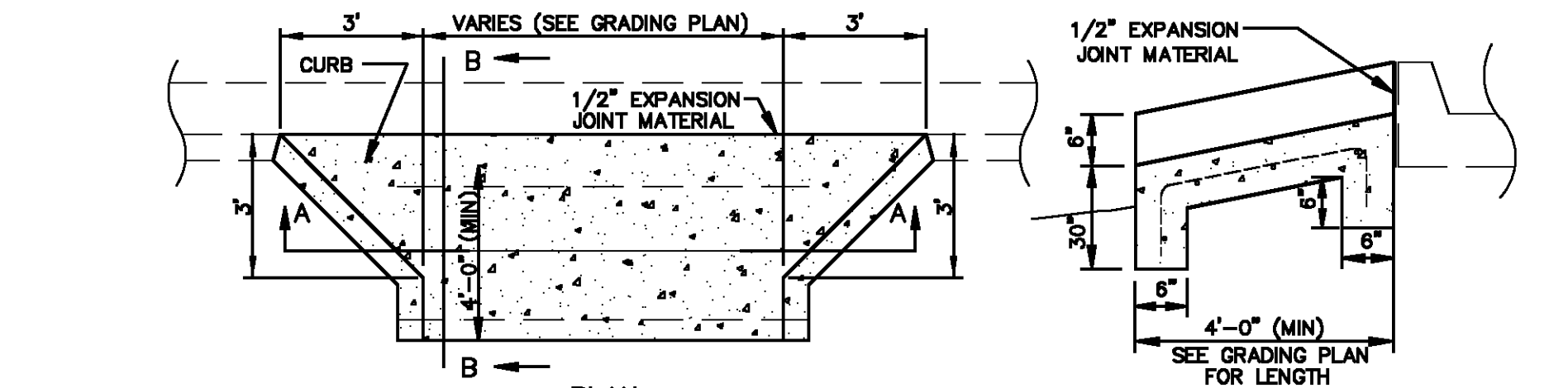
**NOTES:**

- WHERE SHOWN AS DOTTED PATTERN, THE SURFACE OF RAMP SHALL HAVE A TERRA COTTA RED TRUNCATED DOME BRICK MAT, SET FLUSH WITH TOP OF CONCRETE SURFACE AND INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- CONSTRUCT PER A.D.A. STANDARDS.

**ADA RAMP IN SIDEWALK**  
N.T.S.



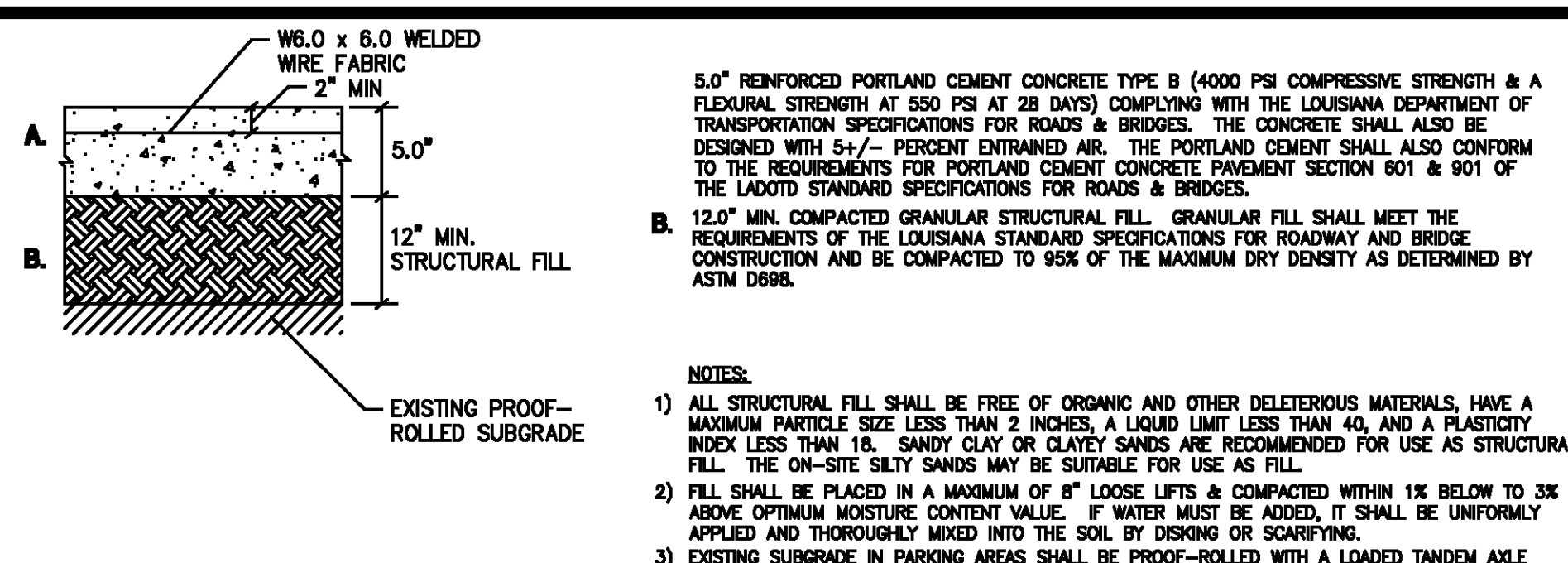
**SECTION A-A**



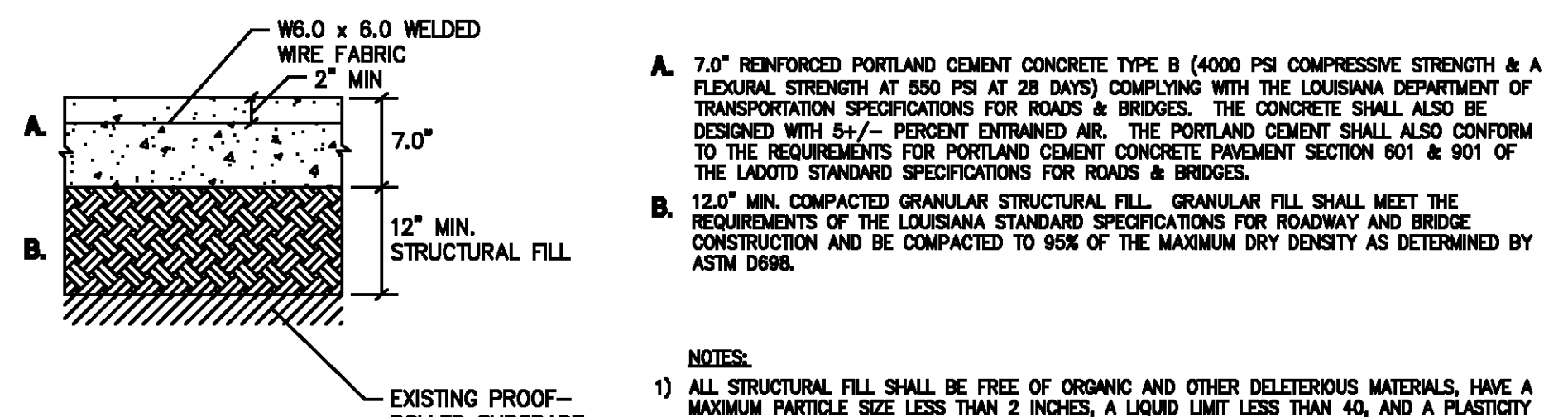
**PLAN**

**CONCRETE FLUME**  
N.T.S.

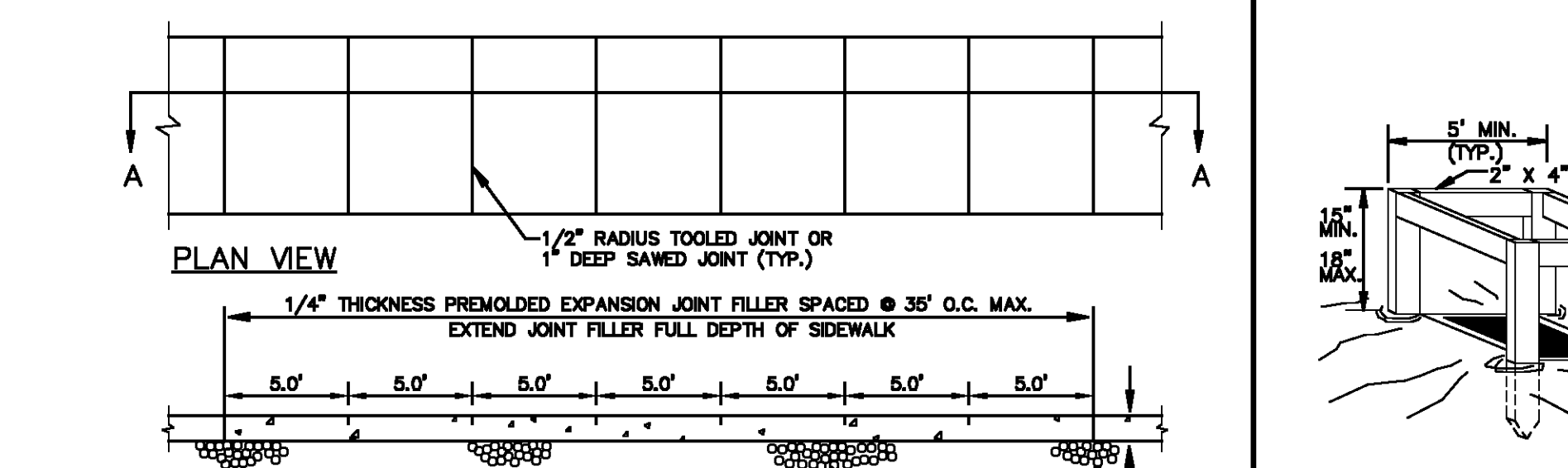
**SECTION B-B**



**STANDARD DUTY CONCRETE PAVEMENT**  
N.T.S.



**HEAVY DUTY CONCRETE PAVEMENT**  
N.T.S.

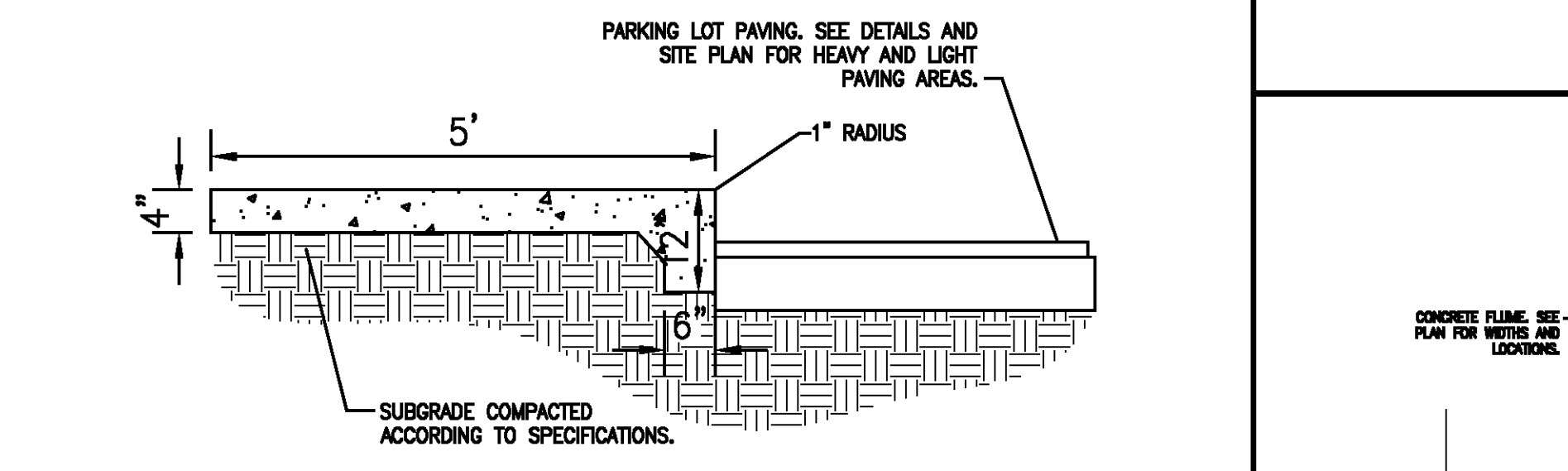


**PLAN VIEW**

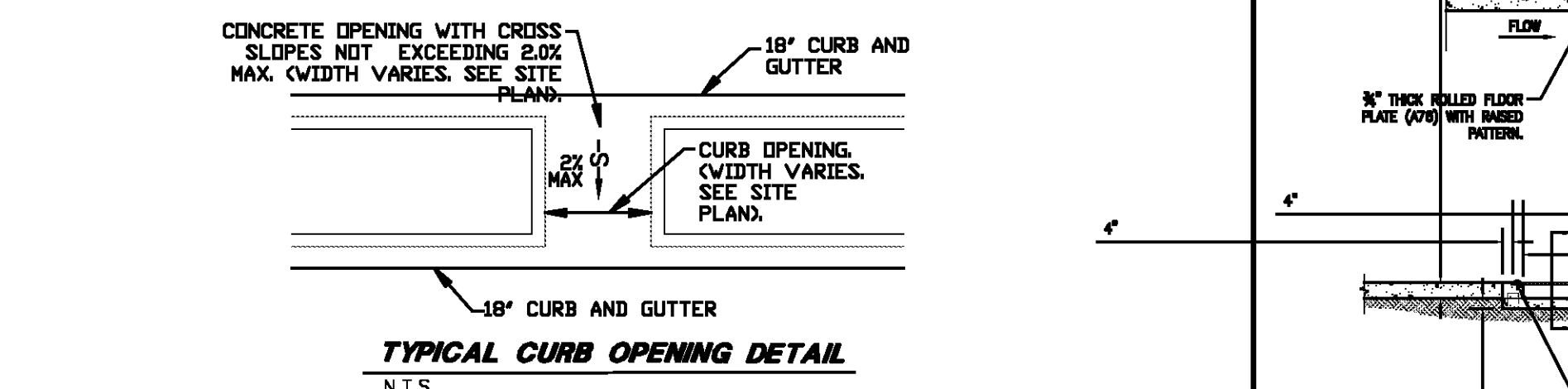
**NOTE:**

WHERE REQUIRED REINFORCEMENT WILL BE NO. 3 BARS 24" O.C. EACH WAY MAX. SPACING, OR 6 x 6 - W1.4 X W1.4 WWF

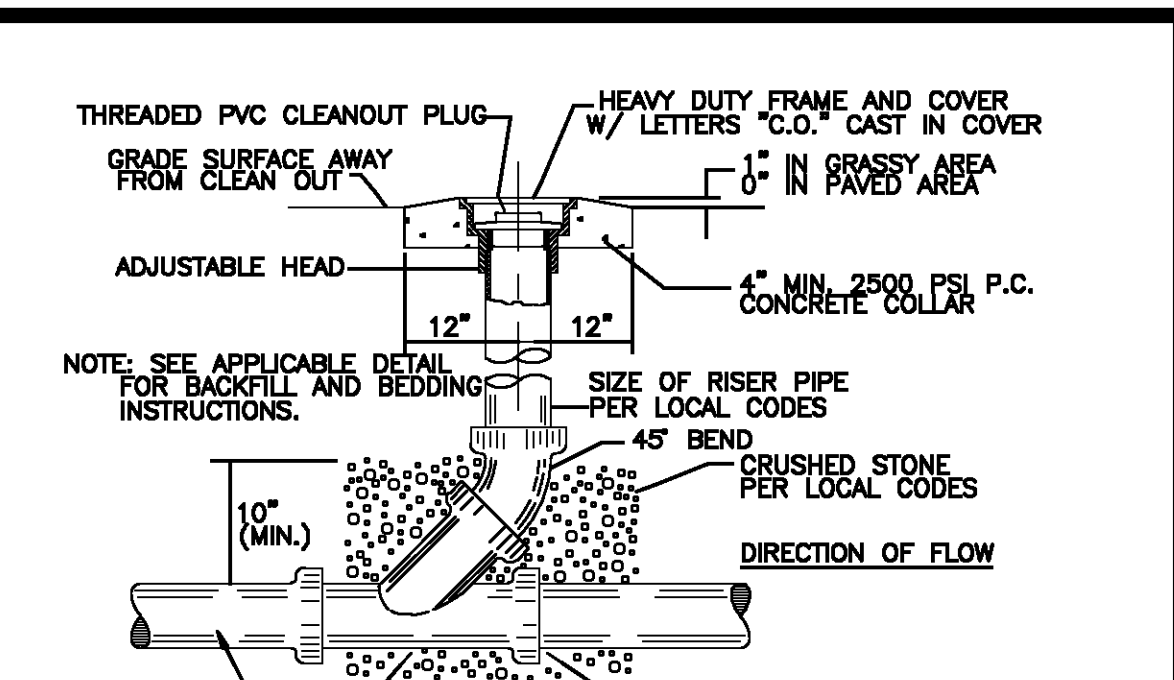
**CONCRETE SIDEWALK**  
N.T.S.



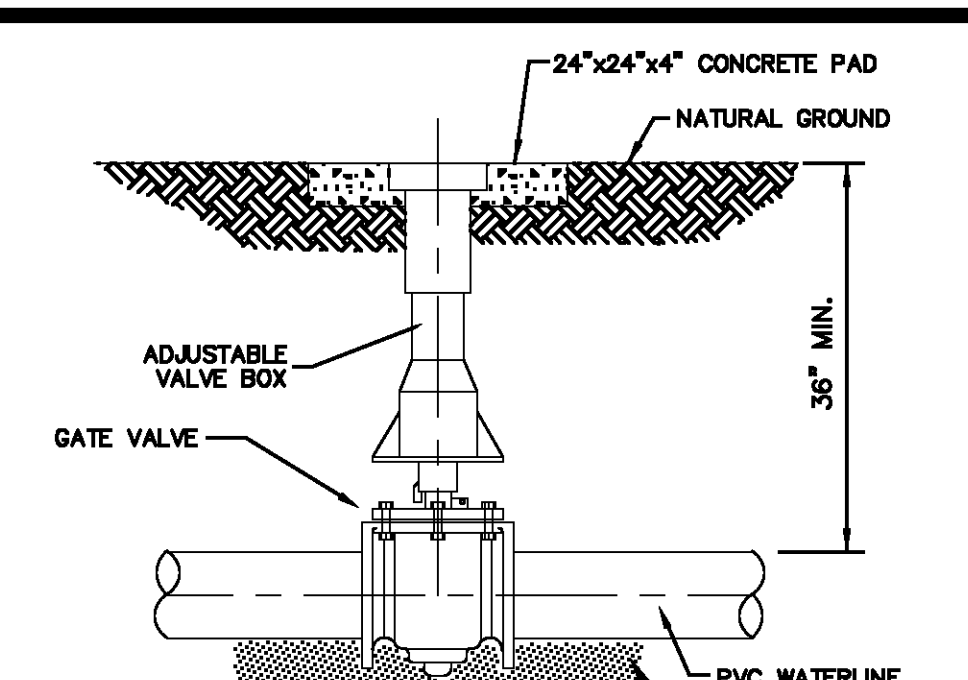
**TURNED DOWN SIDEWALK**  
N.T.S.



**TYPICAL CURB OPENING DETAIL**  
N.T.S.

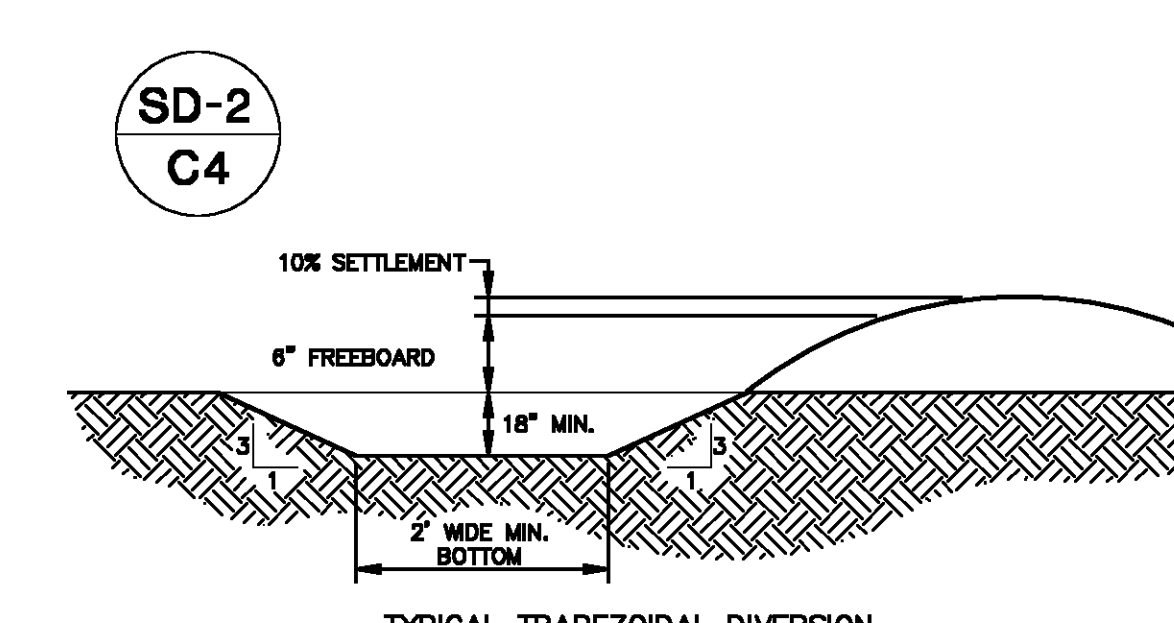


**SANITARY/STORM SEWER CLEAN-OUT**  
N.T.S.



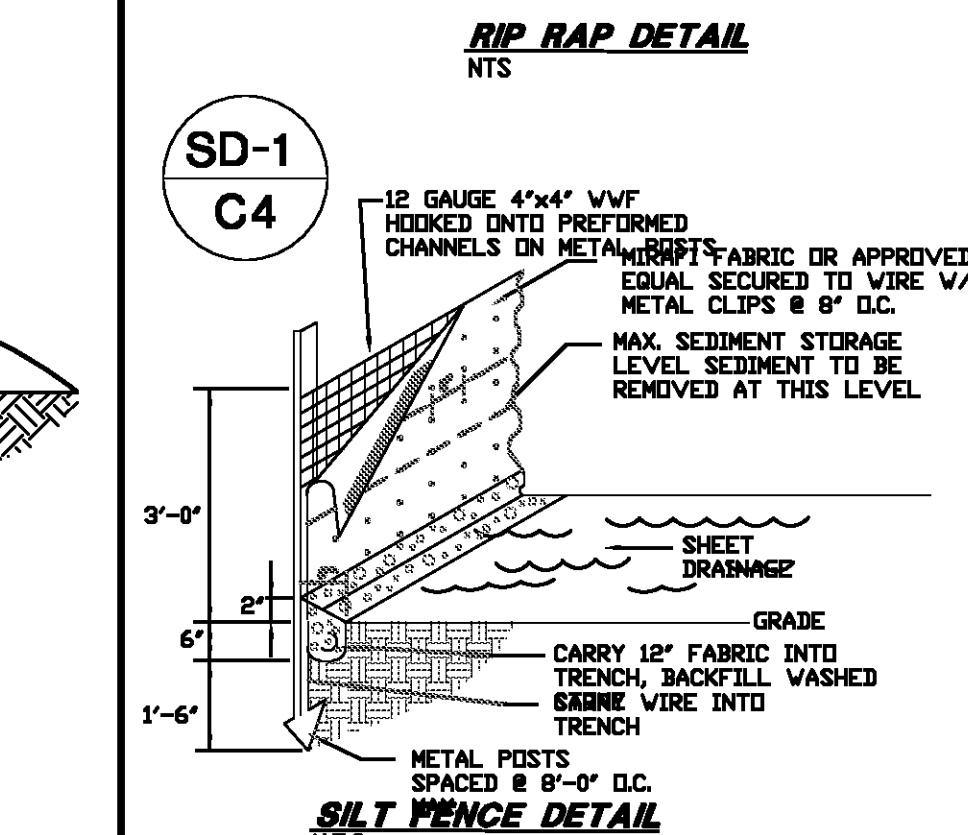
**TYPICAL VALVE W/ VALVE BOX INSTALLATION**  
N.T.S.

\* IF VALVE IS TO BE INSTALLED IN PAVED AREA, VALVE TOP IS TO BE SET AT FINISHED PAVEMENT GRADE.



**TYPICAL TRAPEZOIDAL DIVERSION**

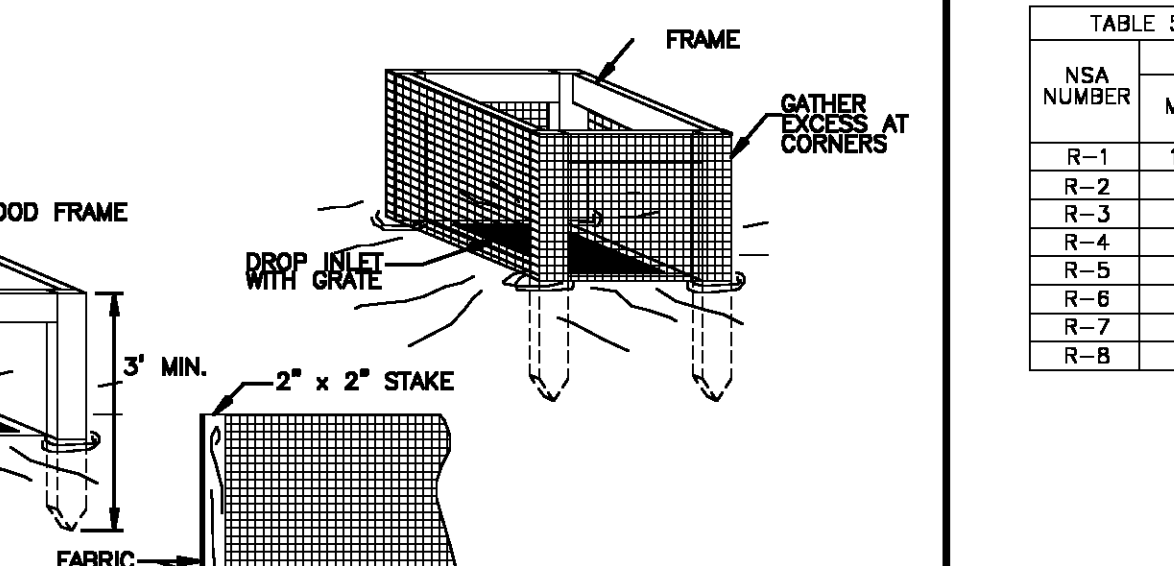
**INTERCEPTOR DITCH**  
N.T.S.



**RIP RAP DETAIL**  
N.T.S.

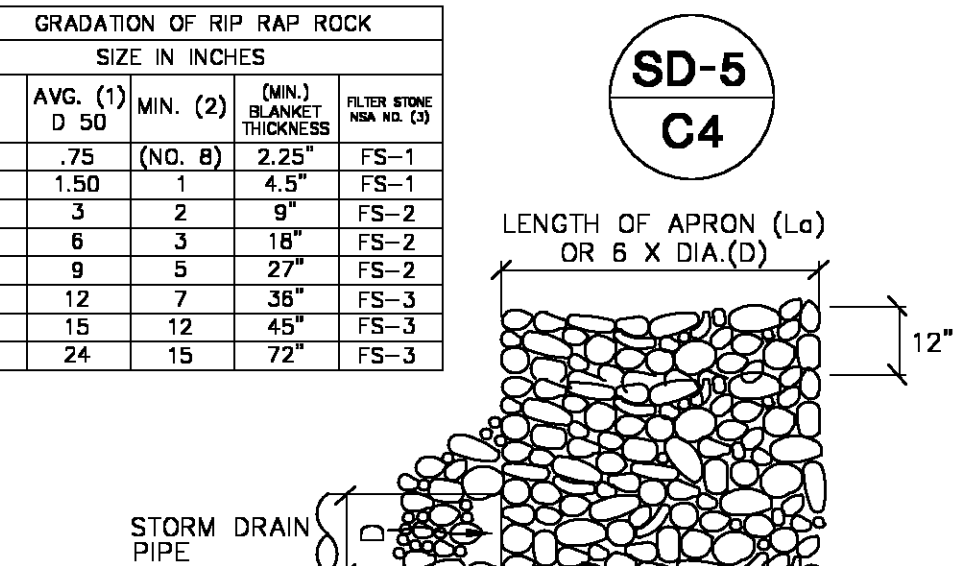
**SD-1**  
C4

**SILT FENCE DETAIL**  
N.T.S.



**INLET PROTECTION DETAIL**  
N.T.S.

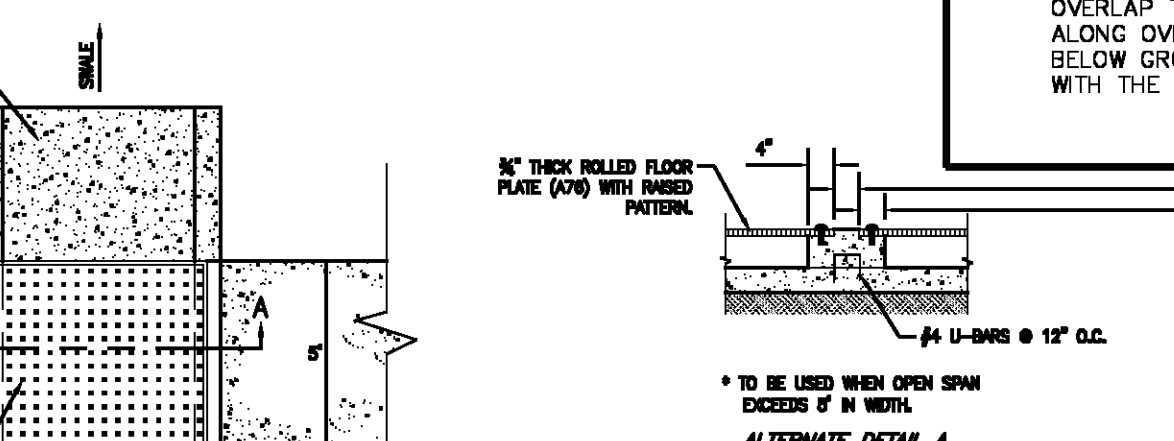
**SD-7**  
C4



NSA NUMBER	GRADATION OF RIP RAP ROCK			
	MAX.	AVG. (1)	(2)	(3)
R-1	1.50	.75	(NO. 2)	FS-1
R-2	3	1.50	1	FS-1
R-3	6	3	2	FS-2
R-4	12	6	3	FS-2
R-5	18	9	5	FS-2
R-6	24	12	7	FS-3
R-7	30	15	12	FS-3
R-8	48	24	15	FS-3

**SD-5**  
C4

- "AVERAGE SIZE" IS THAT SIZE EXCEEDED BY AT LEAST 50% OF THE TOTAL WEIGHT OF THE TONNAGE SHIPPED. I.E., 50% OF THE TONNAGE SHALL CONSIST OF PIECES LARGER THAN THE "AVERAGE" SIZE (NOMINALLY HALF THE SPECIFIED NOMINAL TOP SIZE).
- PIECES SMALLER THAN THE MINIMUM SIZE SHOWN SHALL NOT EXCEED 15% OF THE TONNAGE SHIPPED.
- RIP-RAP SHALL BE GROUTED WITH A NON-SHRINKING GROUT OR UNDERLINED WITH FILTER FABRIC TO PREVENT ROCK & STONE INTEGRATION.
- RIP-RAP UTILIZED SHALL BE SIZED R-4 OR LARGER. SEE SHEET C-4.
- FOR LENGTH OF APRON (L<sub>a</sub>), SEE SHEET C-4 (STORMWATER POLLUTION PREVENTION PLAN). OTHERWISE, USE 6 TIMES THE PIPE DIAMETER FOR LENGTH OF RIP RAP APRON.
- RIP-RAP SHALL BE ON TOP OF THE CLOTH FILTER DIRECTLY ON THE PREPARED FOUNDATION. OVERLAP THE EDGES BY AT LEAST 12 INCHES, & SPACE ANCHOR PINS EVERY 3 FEET ALONG OVERLAP. BURY THE UPSTREAM END OF THE CLOTH A MINIMUM OF 12 INCHES BELOW GROUND & WHERE NECESSARY, BURY THE LOWER END OF THE CLOTH OR OVERLAP WITH THE NEXT SECTION AS REQUIRED.



**PLAN VIEW**

**SECTION A-A**

**SECTION B-B**

**SIDEWALK FLUME DETAIL**  
N.T.S.

REVISION	BY

**DDG**  
DUPLANTIS DESIGN GROUP, PC  
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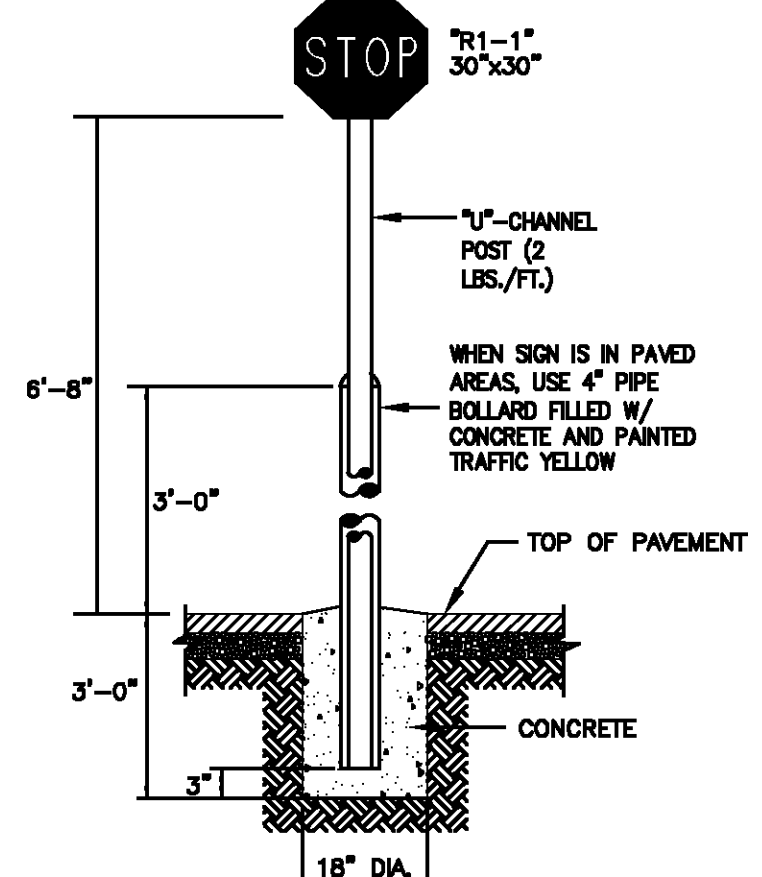
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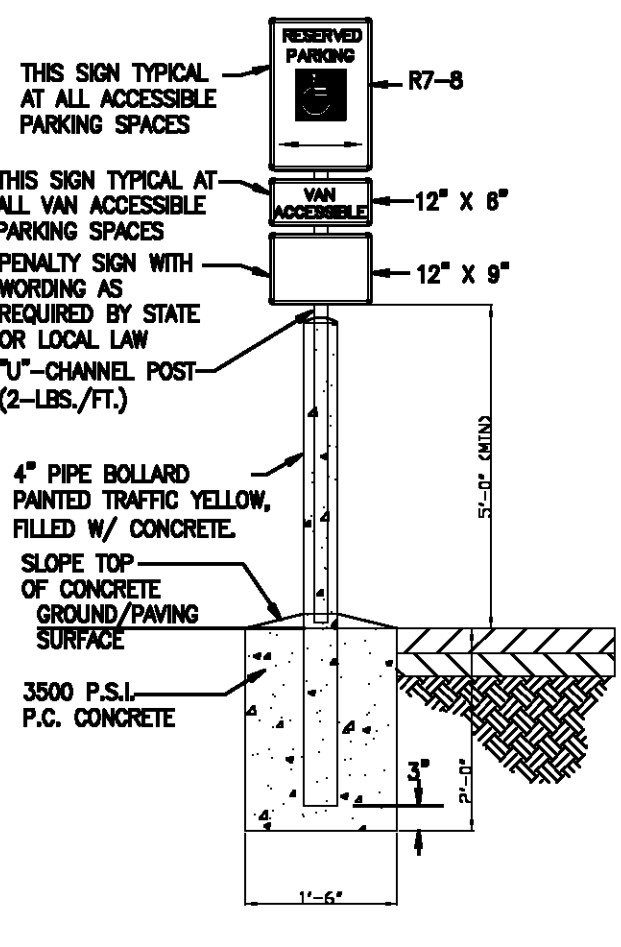
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ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 DETAILS  
SHEET D-1

**DETAIL SHEET**

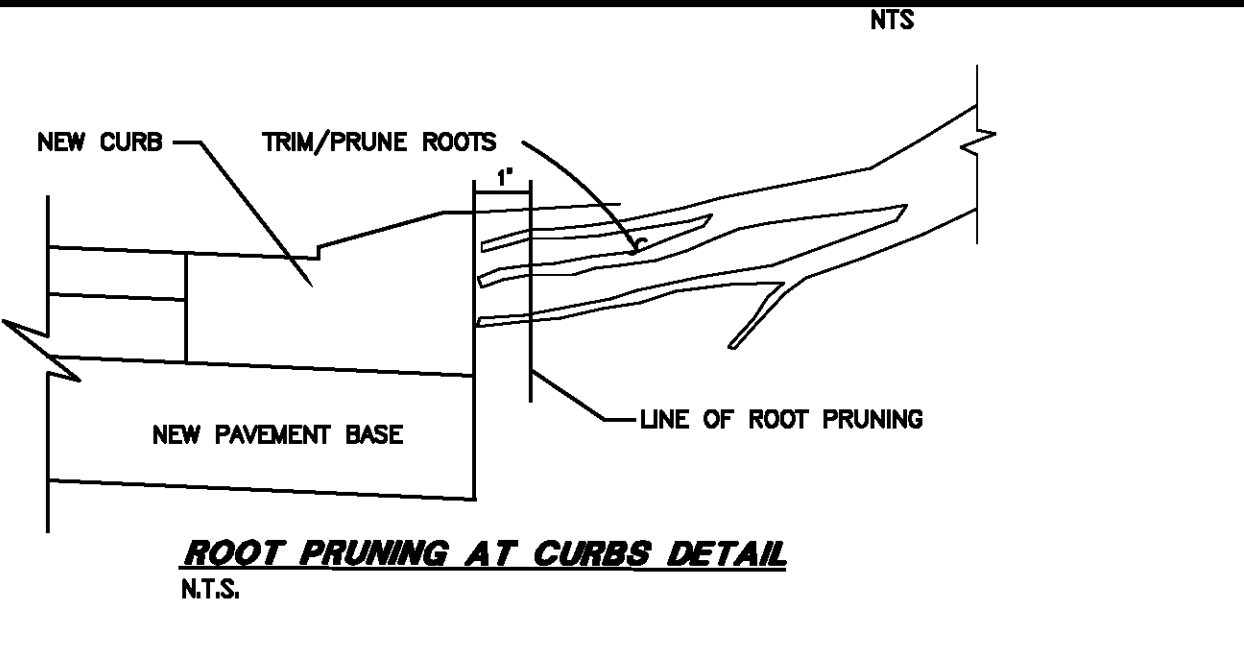
ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



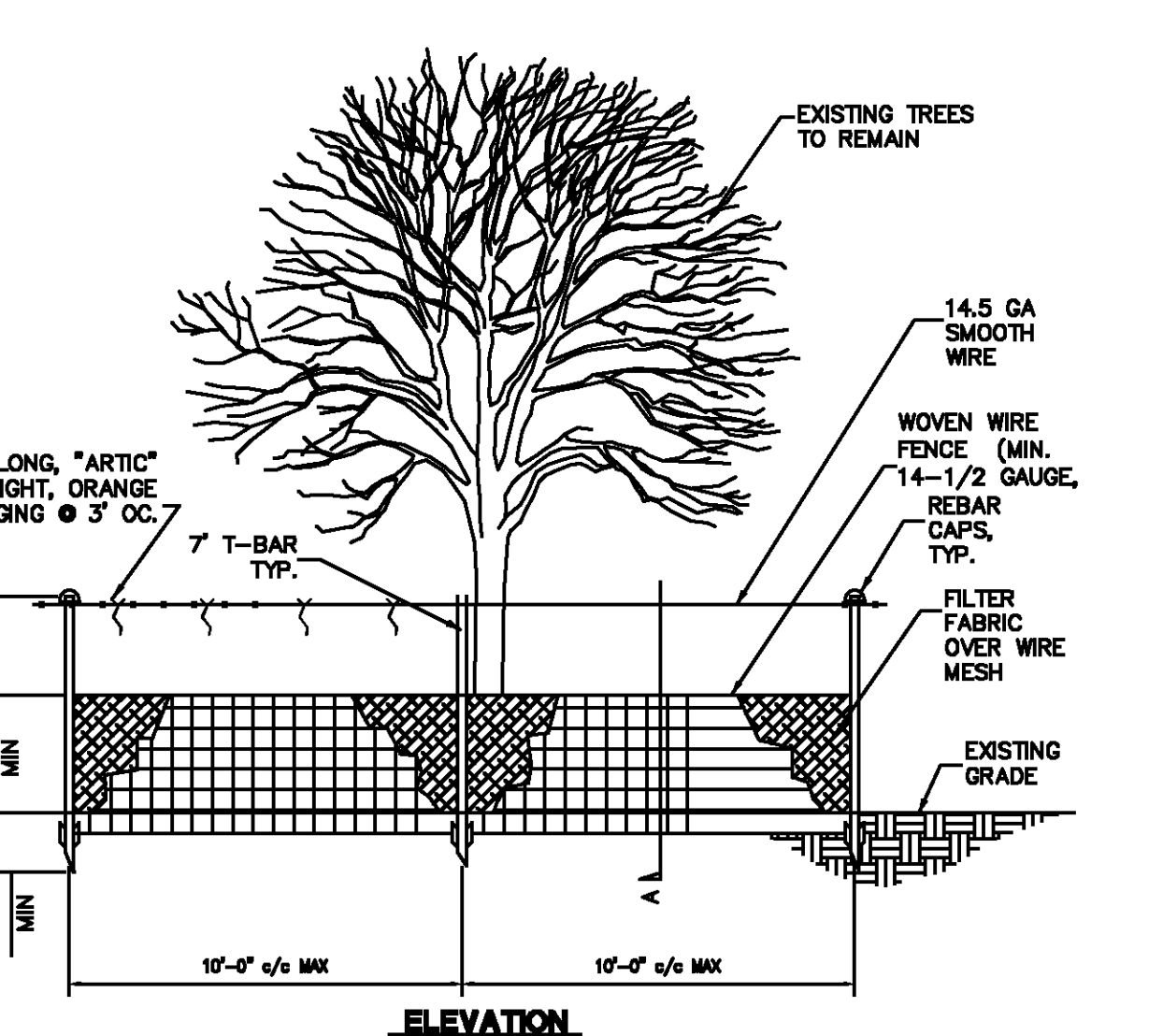
**STOP SIGN W/ PIPE BOLLARD**  
N.T.S.



**ACCESSIBLE PARKING SIGN**  
N.T.S.

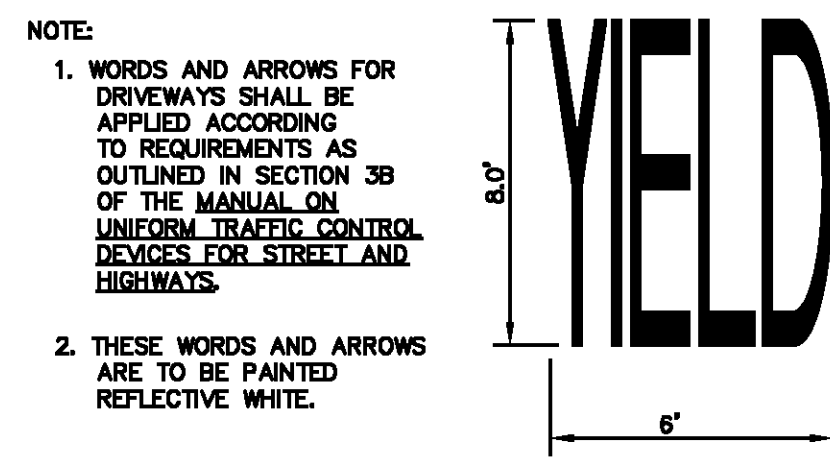


**ROOT PRUNING AT CURBS DETAIL**  
N.T.S.

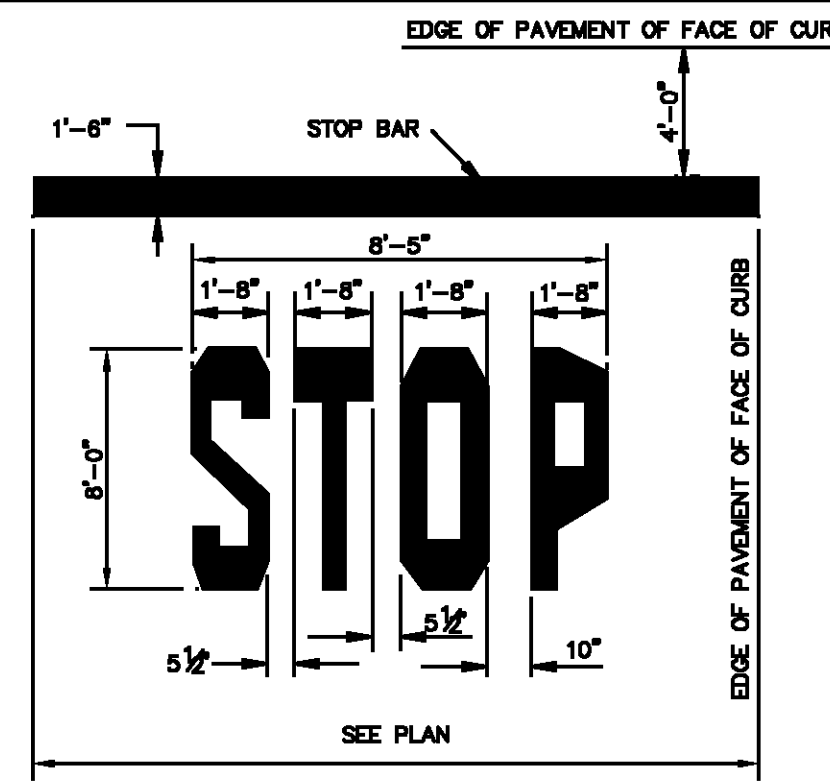


**COMBINATION SILT & TREE PROTECTION FENCE**  
N.T.S.

\* DUE TO SIGHT CONSTRAINTS SPECIAL CARE SHOULD BE TAKEN WHEN INSTALLING TREE PROTECTION AS NOT TO DISTURB THE ROOT ZONE.

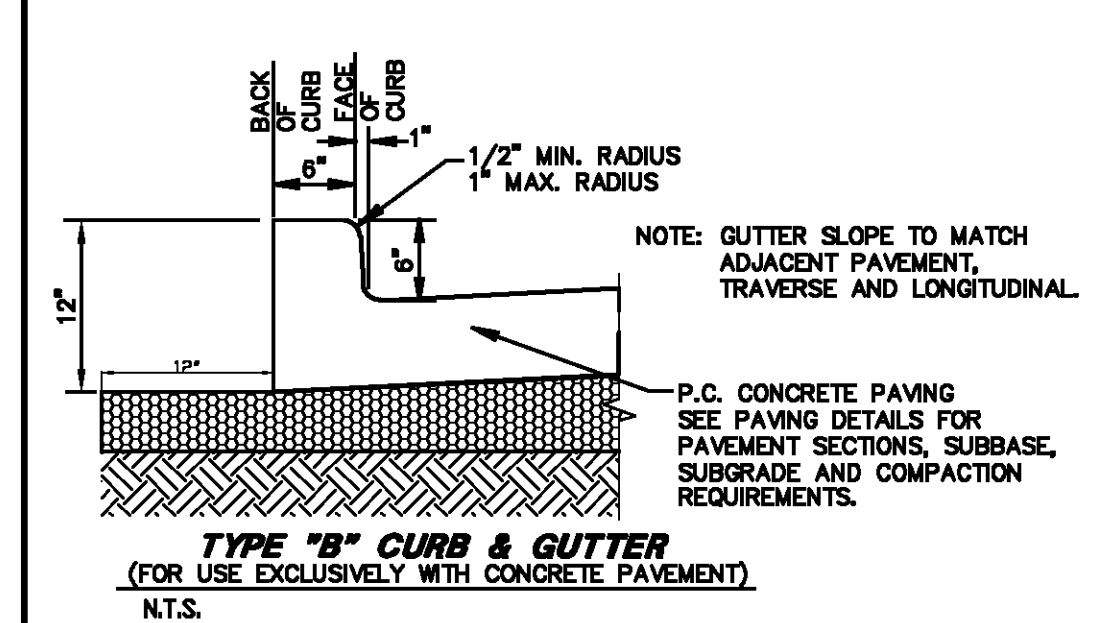


**YIELD PAVEMENT MARKING**  
N.T.S.

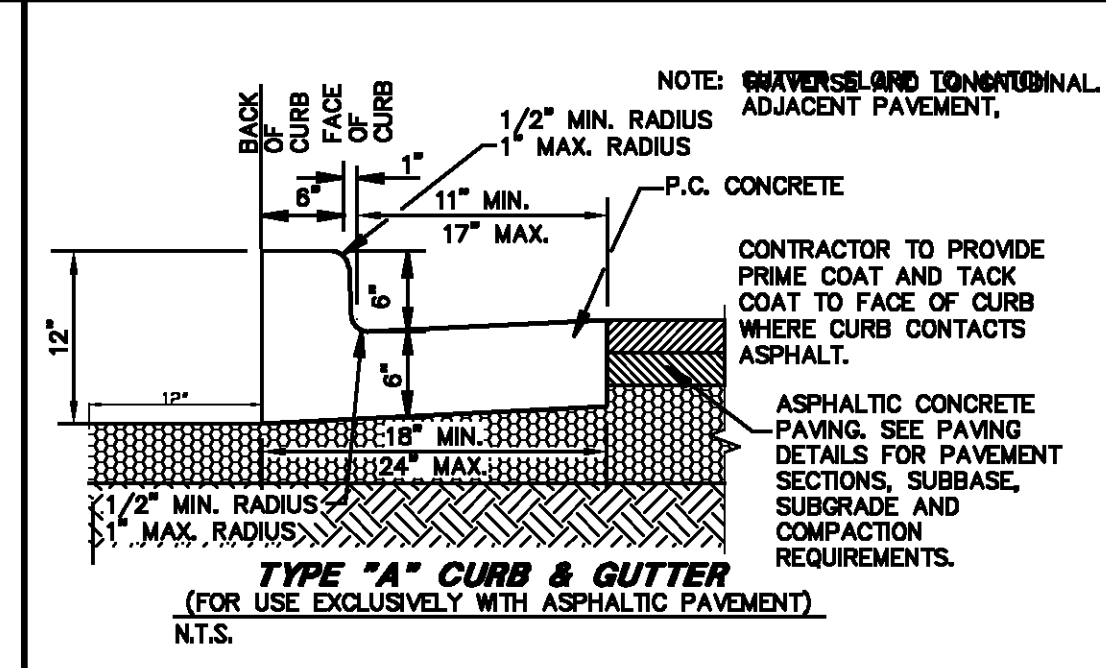


**STOP BAR**  
N.T.S.

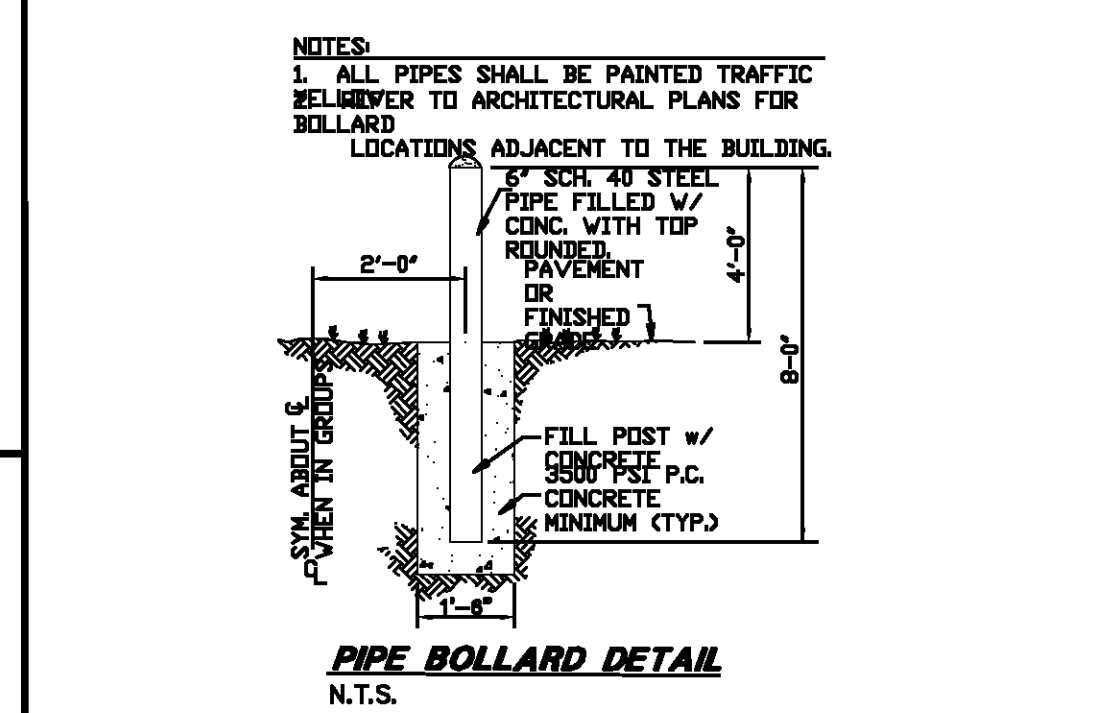
NOTE: WORDS AND ARROWS FOR DRIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.



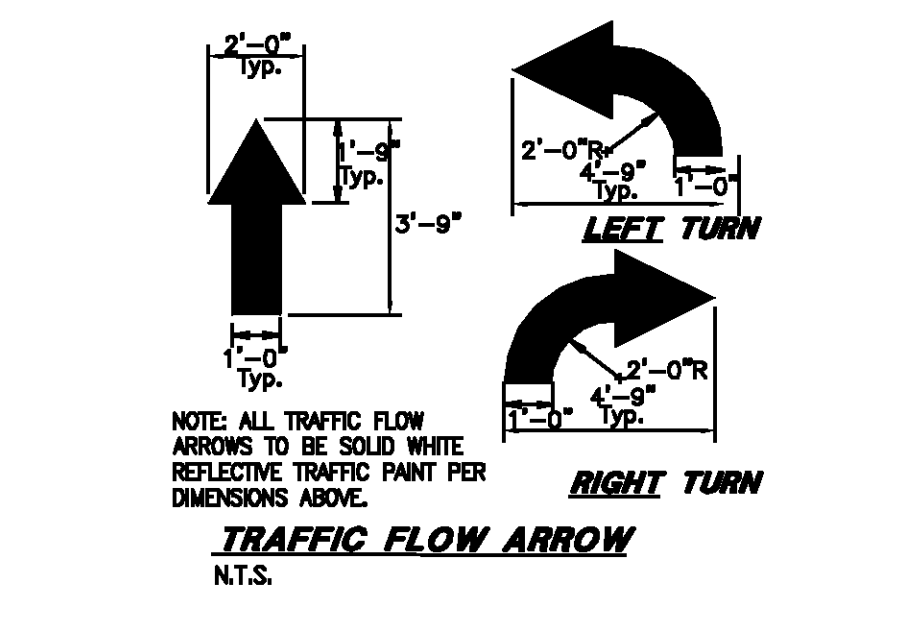
**TYPE "B" CURB & GUTTER**  
(FOR USE EXCLUSIVELY WITH CONCRETE PAVEMENT)



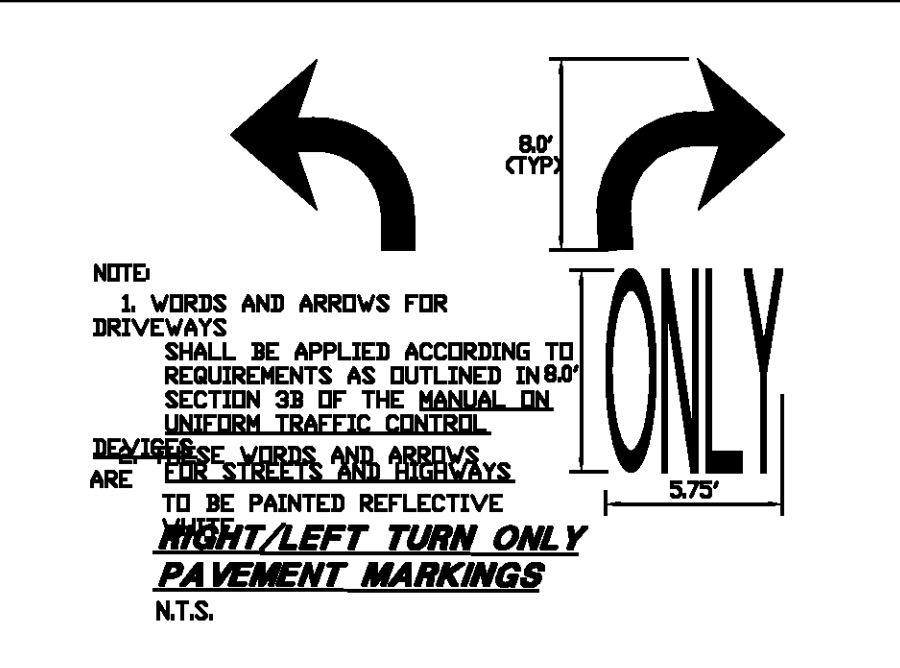
**TYPE "A" CURB & GUTTER**  
(FOR USE EXCLUSIVELY WITH ASPHALTIC PAVEMENT)



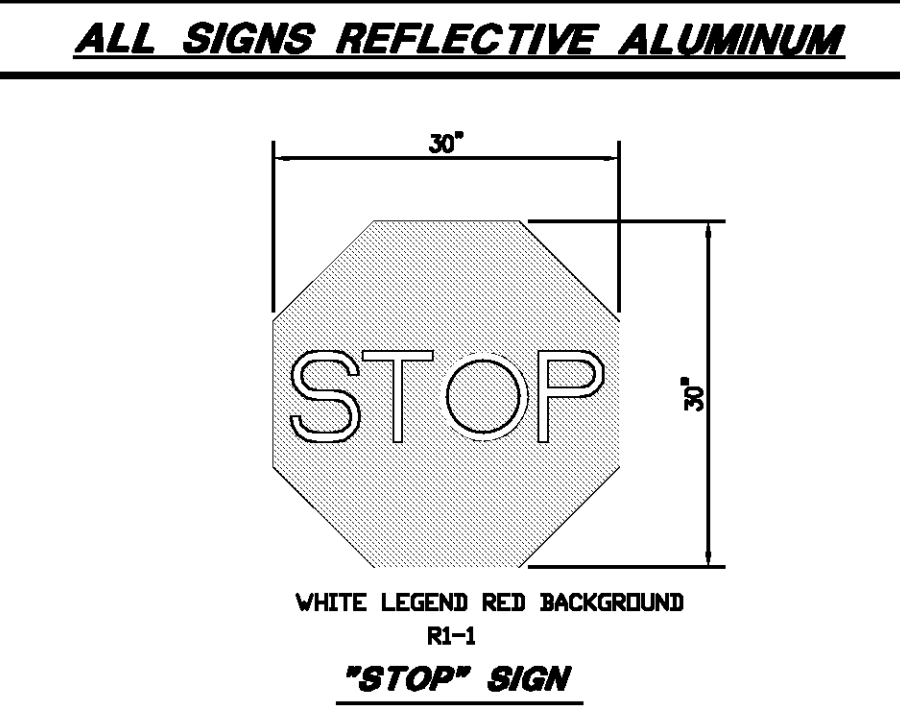
**PIPE BOLLARD DETAIL**  
N.T.S.



**TRAFFIC FLOW ARROW**  
N.T.S.

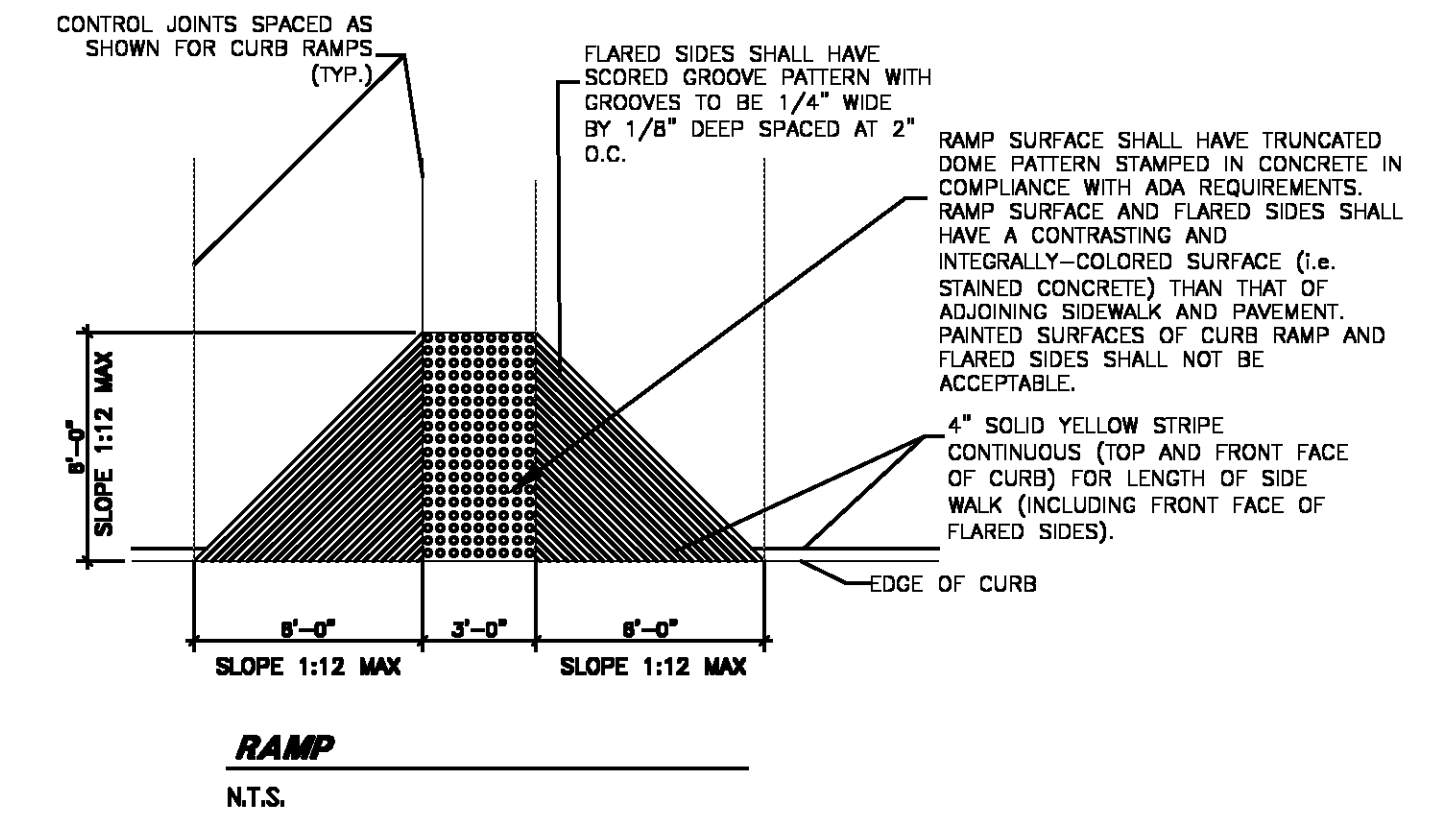


**RIGHT/LEFT TURN ONLY PAVEMENT MARKINGS**  
N.T.S.

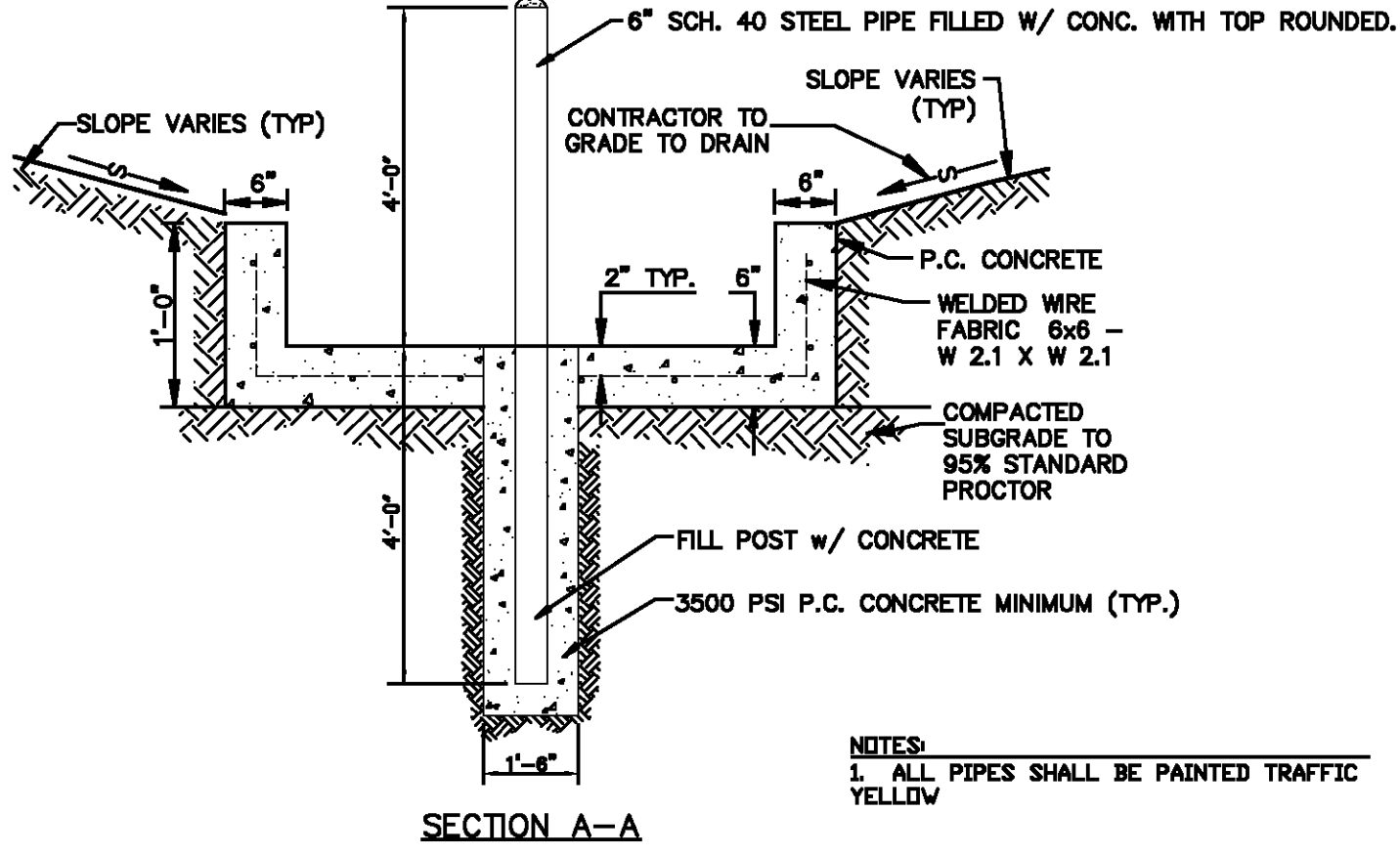


**"STOP" SIGN**  
N.T.S.

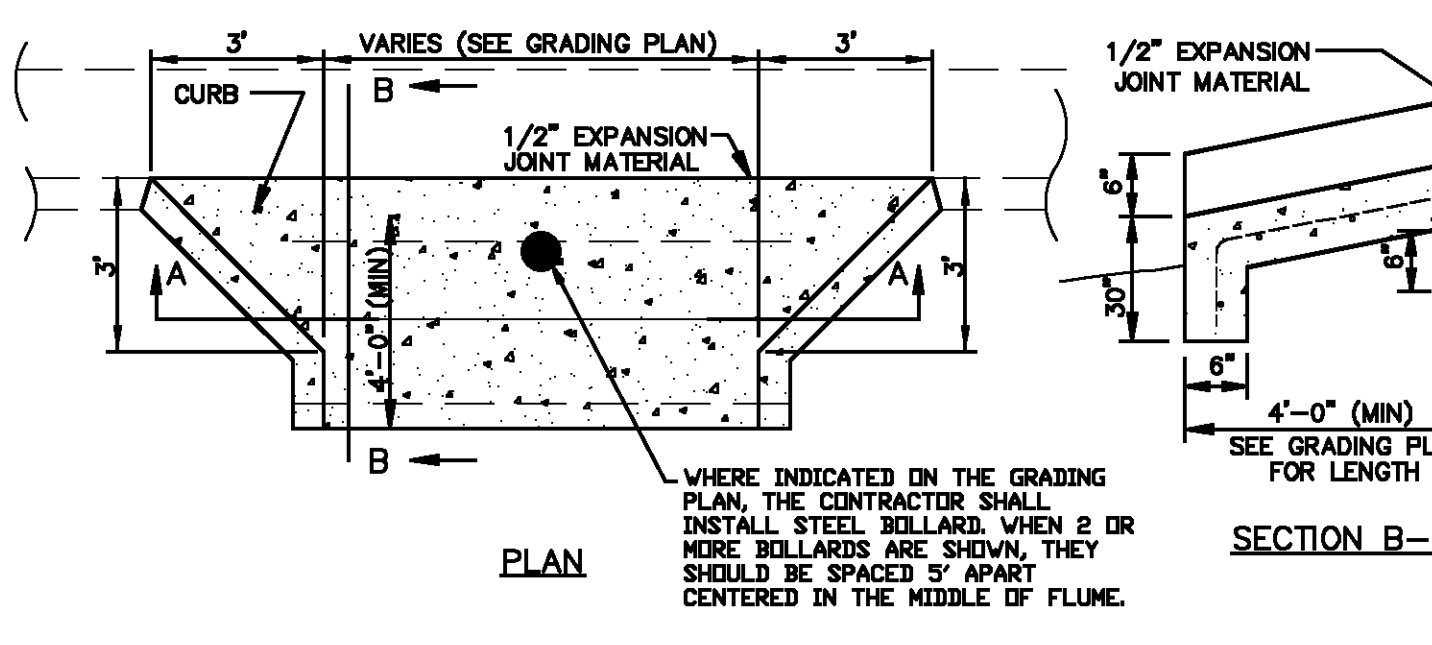
ALL SIGNS REFLECTIVE ALUMINUM



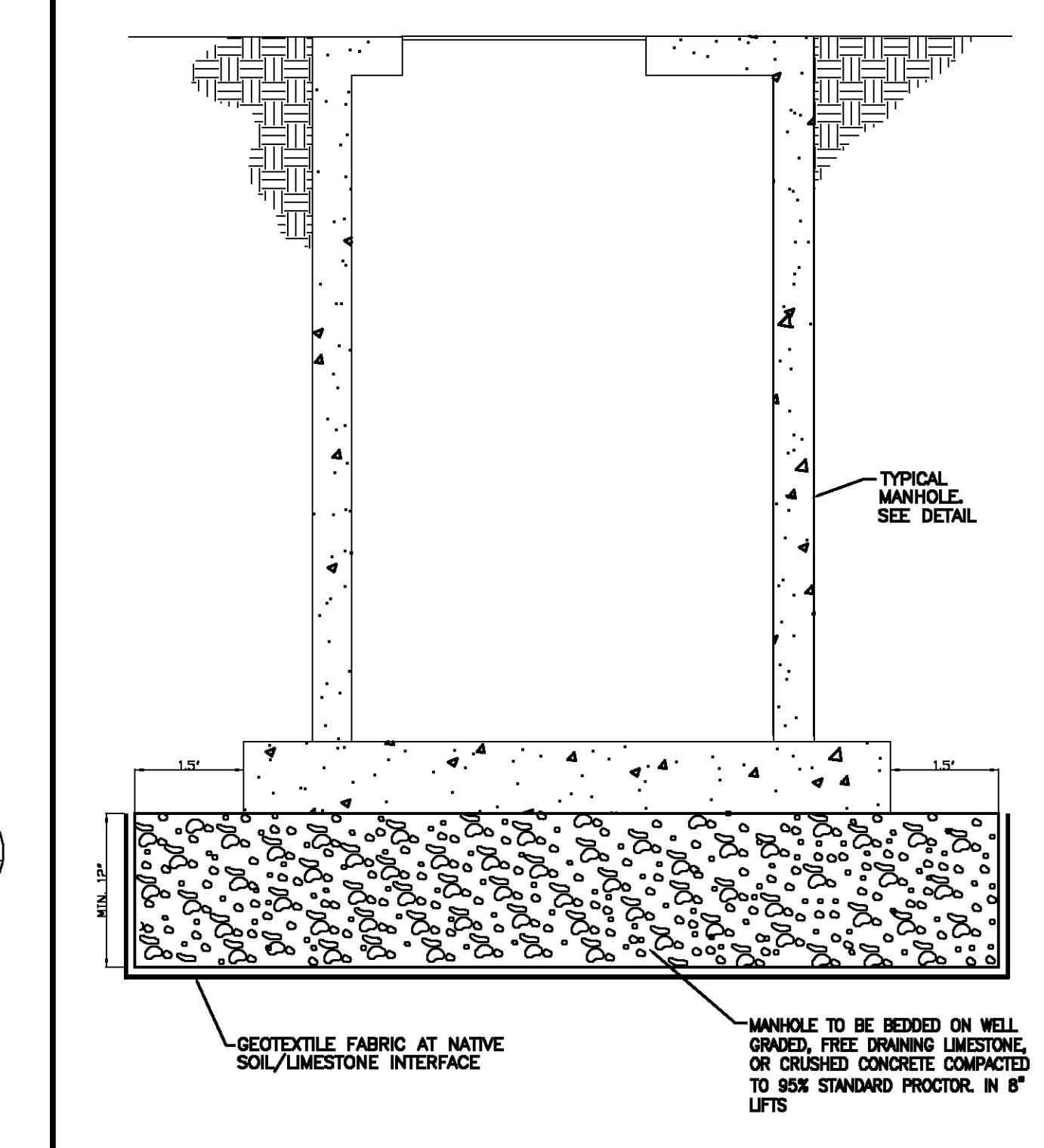
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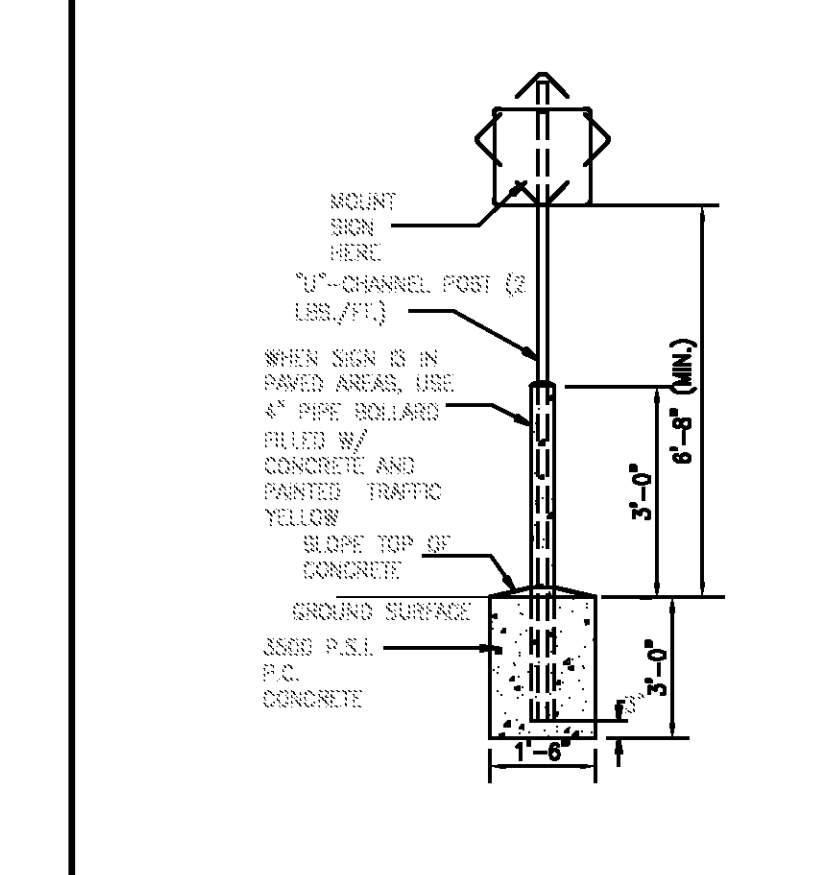
**SECTION A-A**



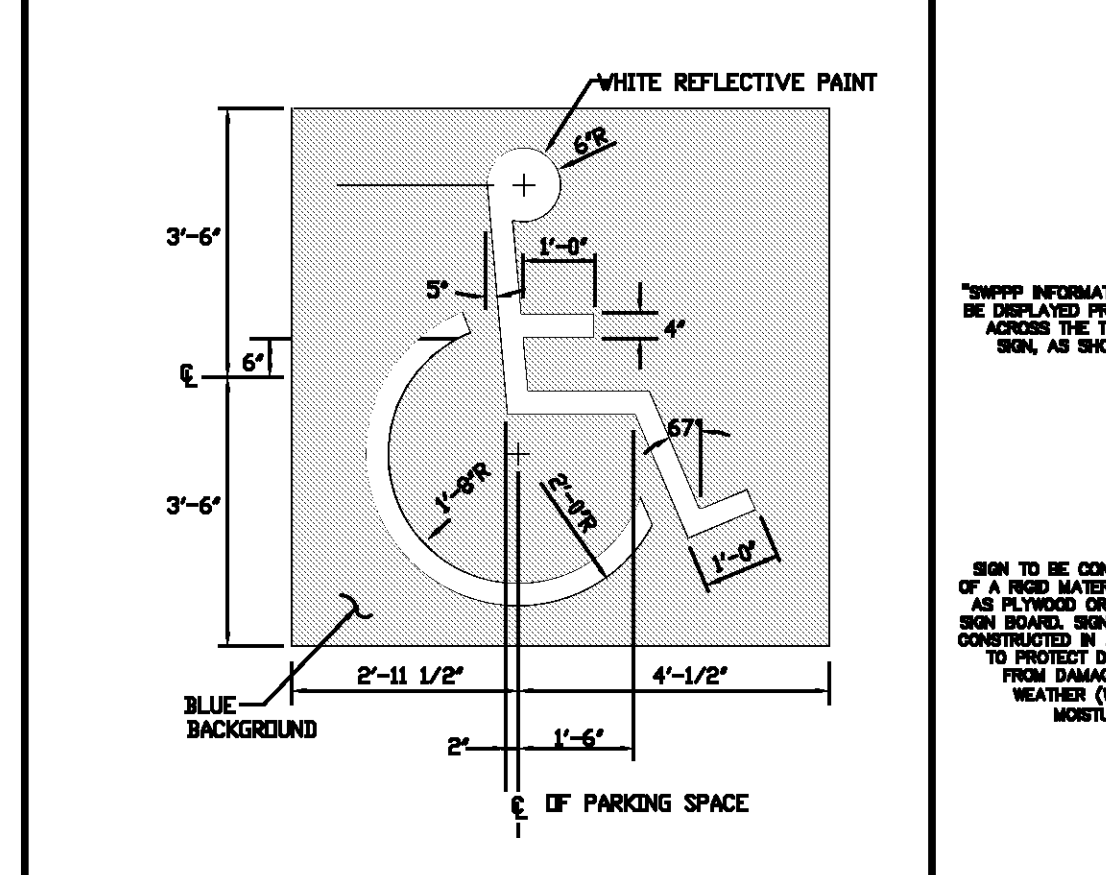
**CONCRETE FLUME W/ PIPE BOLLARD**  
N.T.S.



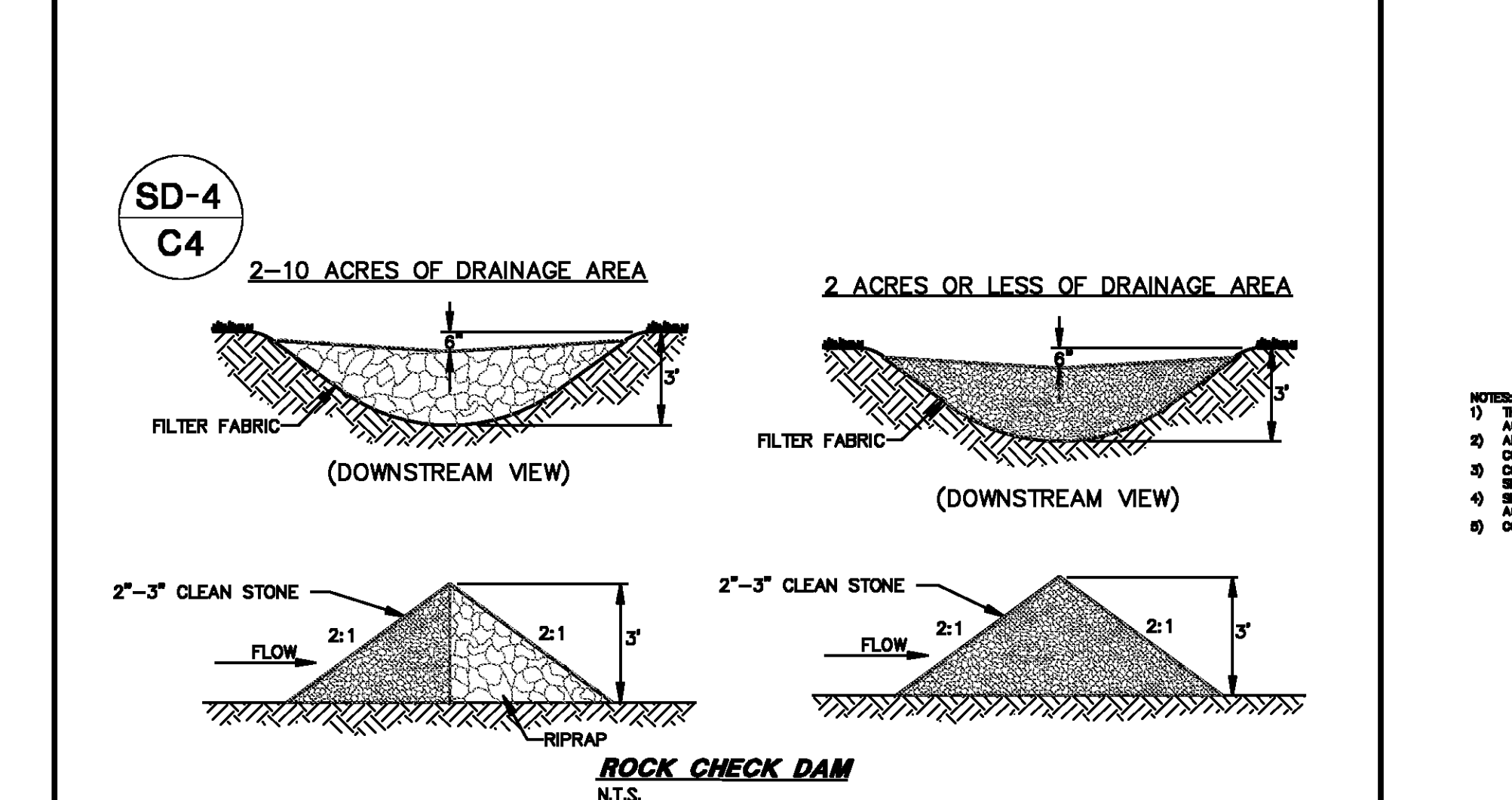
**STORM AND SANITARY SEWER MANHOLE BEDDING DETAIL**  
N.T.S.



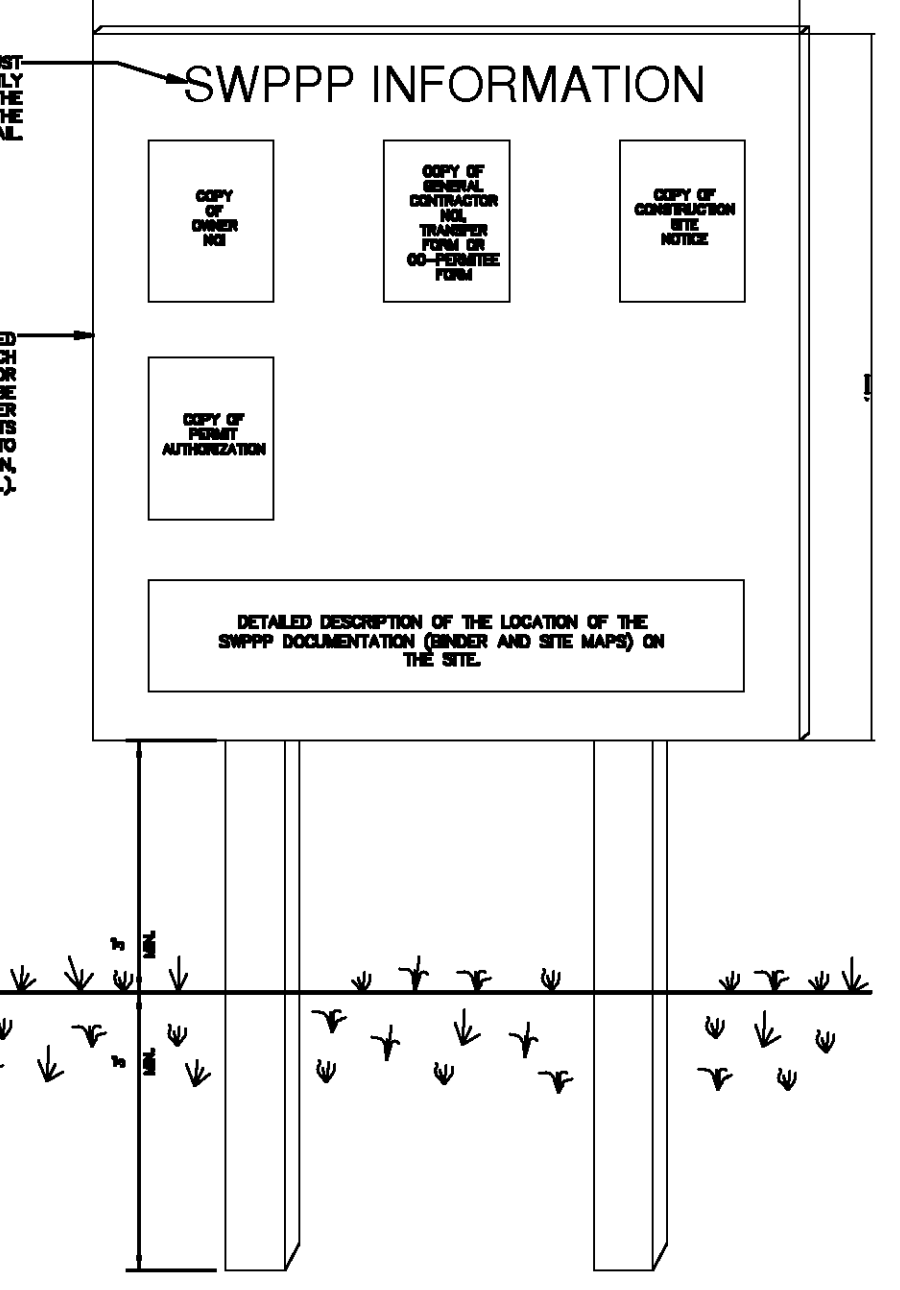
**STANDARD SIGN BASE**  
N.T.S.



**ACCESSIBLE SYMBOL**  
N.T.S.



**ROCK CHECK DAM**  
N.T.S.



**SWPPP INFORMATION SIGN**  
N.T.S.

NOTES:  
1) THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE CONSTRUCTION EXIT OF THE SITE SUCH THAT IT IS ACCESSIBLE AND VIEWABLE BY THE GENERAL PUBLIC BUT NOT CONSTRUCTION NEAR AS TO CAUSE A SAFETY HAZARD.  
2) ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOTICE) IS FILED FOR THE PROJECT.  
3) CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCY.  
4) SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.  
5) CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

REVISION	BY

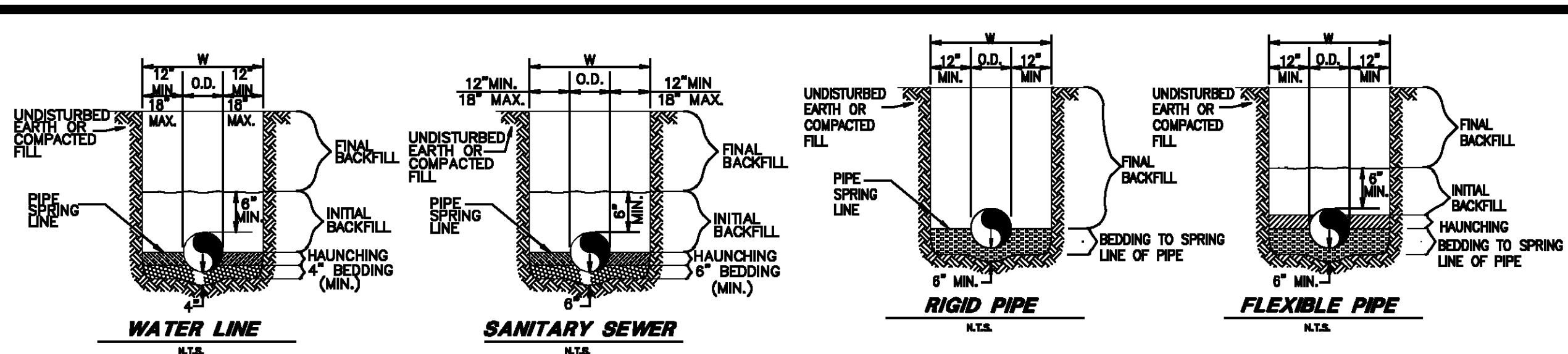
**DDG**  
DUPLANTIS DESIGN GROUP, PC  
CIVIL ENGINEERING ARCHITECTURE  
34 LOUIS PRIMA DRIVE COVINGTON, LA 70433  
WWW.DDGP.COM PHONE: 985-249-6800 FAX: 985-249-6990  
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SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONEE FALLS, WI

DRAWN	DGS
CHECKED	DEB
ISSUED DATE	8/23/14
ISSUED FOR	PERMITTING
PROJECT NO.	14-248
FILE	14-248 DETAILS
SHEET	D-2

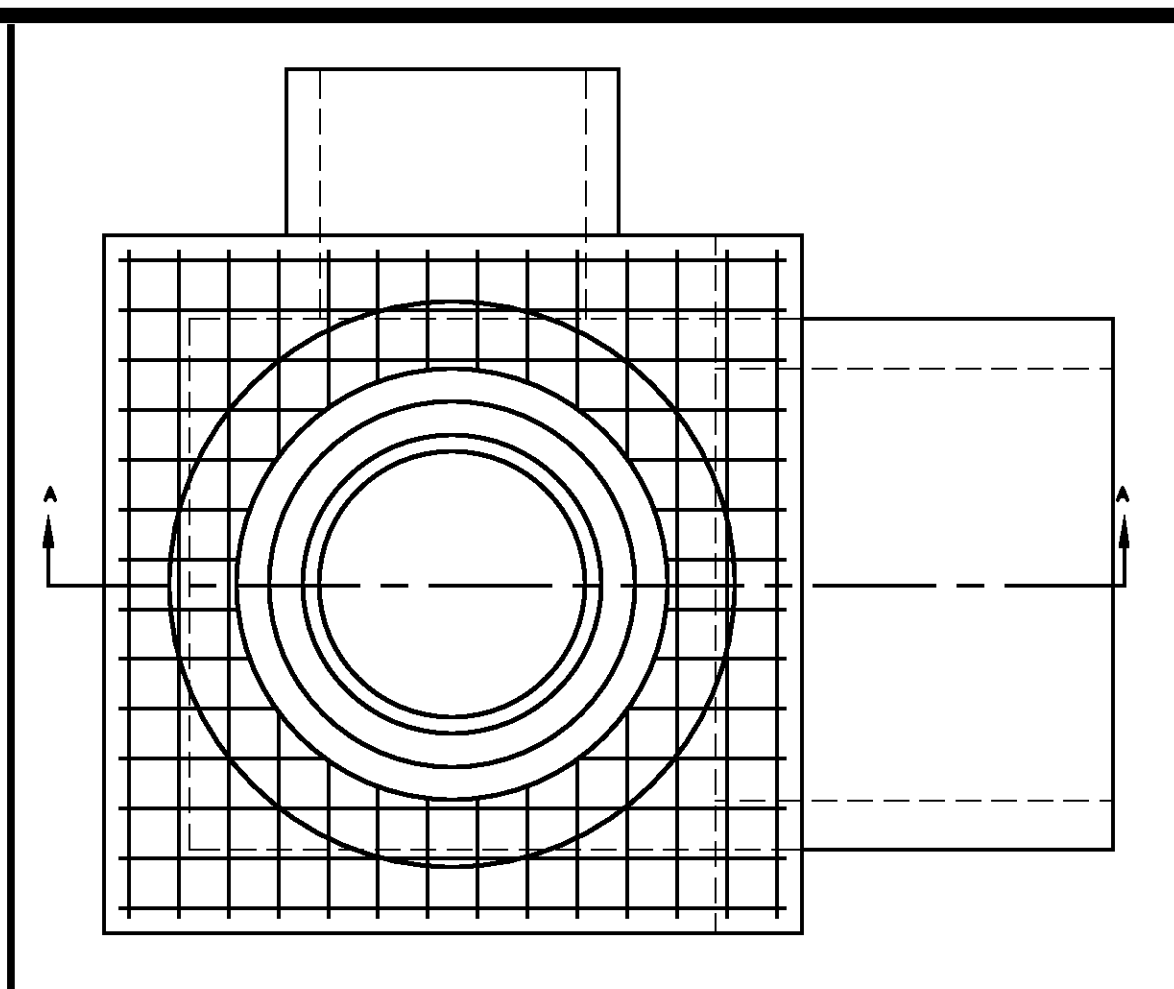
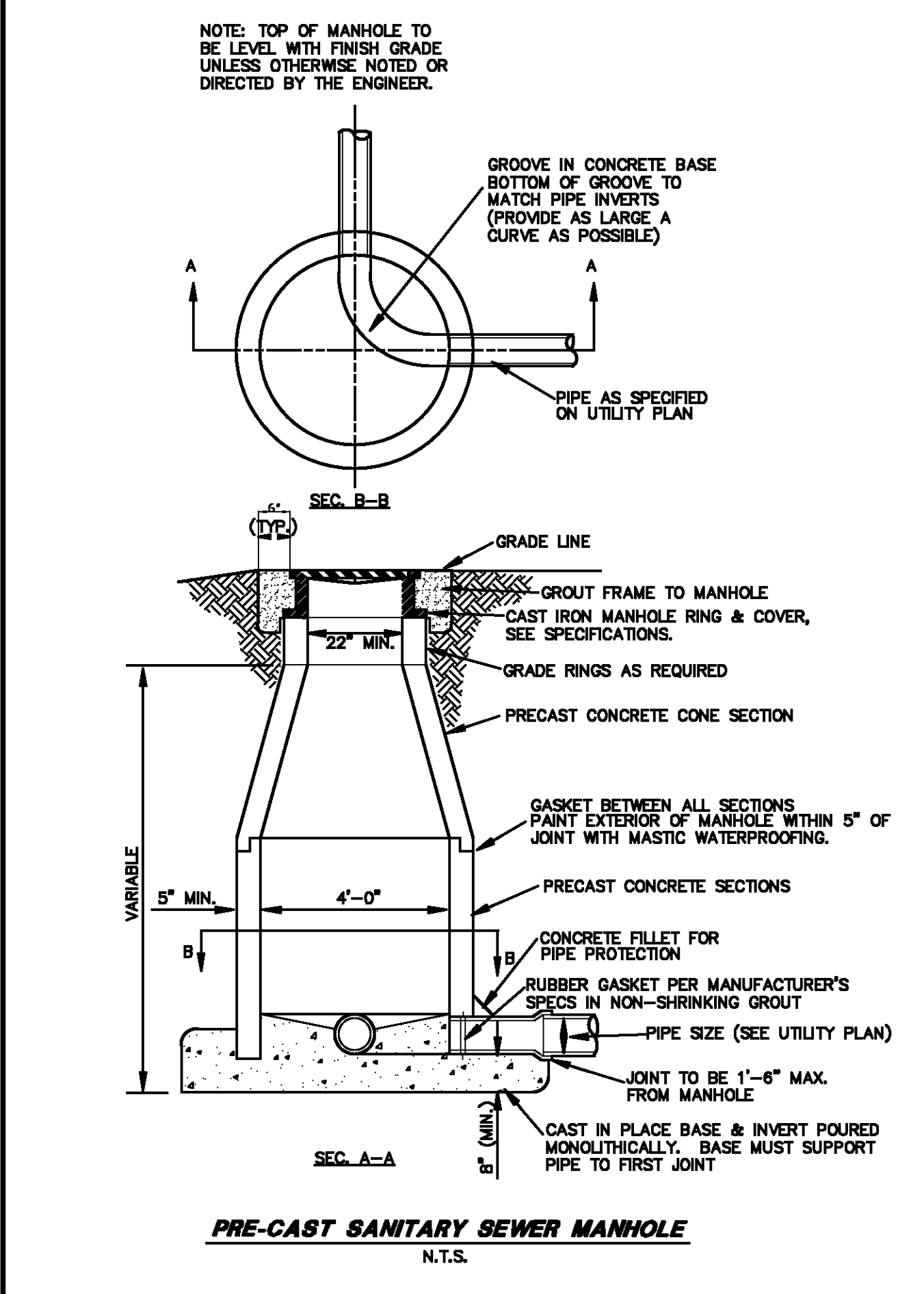
**DETAIL SHEET**



- GENERAL NOTES**
- BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 95% STANDARD PROCTOR.
  - HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 95% PROCTOR.
  - INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 95% STANDARD PROCTOR.
  - INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS II COMPACTED TO 90% STANDARD PROCTOR.
  - FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3, AND 4.
  - FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS N-A COMPACTED TO 95% STANDARD PROCTOR.
  - ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-LATEST EDITION.
  - ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D 888. CLASS III AND N-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
  - FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
  - ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.

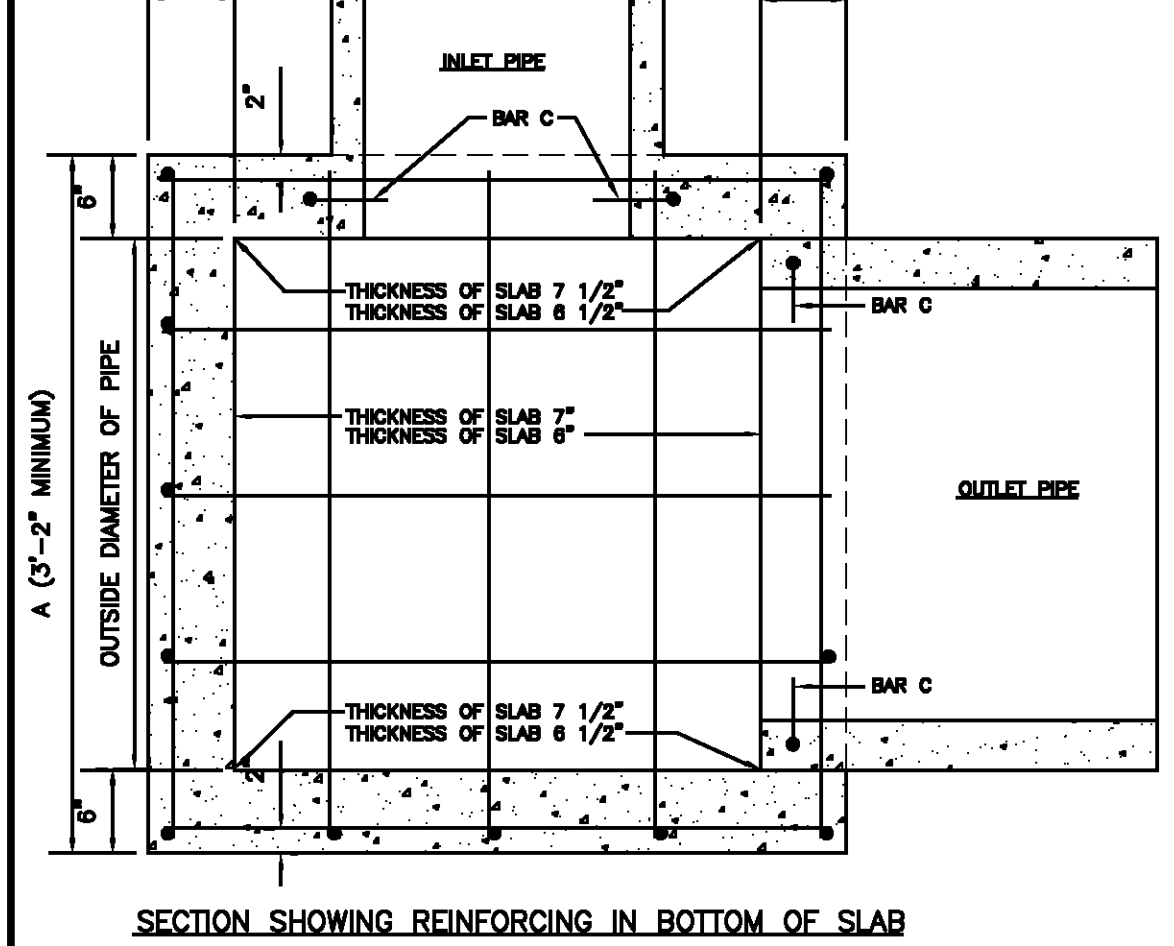
**UTILITY TRENCH AND BEDDING**  
N.T.S.

CLASS	TYPE	SOIL GROUP SYMBOL D2487	DESCRIPTION
1A	MANUFACTURED AGGREGATES; OPEN-GRADED, CLEAN	NONE	ANGULAR, CRUSHED STONE OR ROCK, CRUSHED GRAVEL, CRUSHED SLAG, CINDERS OR SHELLS; LARGE VOID CONTENT, CONTAIN LITTLE OR NO FINES
1B	MANUFACTURED, PROCESSED AGGREGATES; DENSE-GRADED, CLEAN	NONE	ANGULAR, CRUSHED STONE (OR OTHER CLASS 1A MATERIALS) AND STONE/SAND MIXTURES WITH GRADATIONS SELECTED TO MINIMIZE MIGRATION OF ADJACENT SOILS; CONTAIN LITTLE OR NO FINES (SEE X1.8)
II	COARSE-GRAINED SOILS CLEAN	GW	WELL-GRADED GRAVELS AND GRAVEL-SAND MIXTURES; LITTLE OR NO FINES
		GP	POORLY-GRADED GRAVELS AND GRAVEL-SAND MIXTURES; LITTLE OR NO FINES
		SW	WELL-GRADED SANDS AND GRAVELY SANDS; LITTLE OR NO FINES
		SP	POORLY-GRADED SANDS AND GRAVELY SANDS; LITTLE OR NO FINES
III	COARSE-GRAINED SOILS WITH FINES	e.g. GW-GC, SP-SM	SANDS AND GRAVELS WHICH ARE BORDERLINE BETWEEN CLEAN AND WITH FINES
		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
		GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
IV-A	FINE-GRAINED SOILS (INORGANIC)	ML	INORGANIC SILTS AND VERY FINE SANDS; ROCK FLOUR; SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY
		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
IV-B	FINE-GRAINED SOILS (INORGANIC)	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
		CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
V	ORGANIC SOILS HIGHLY ORGANIC	OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
		OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
		PT	PEAT AND OTHER HIGH ORGANIC SOILS



- GENERAL NOTES**
- BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 95% STANDARD PROCTOR.
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  - FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
  - ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.

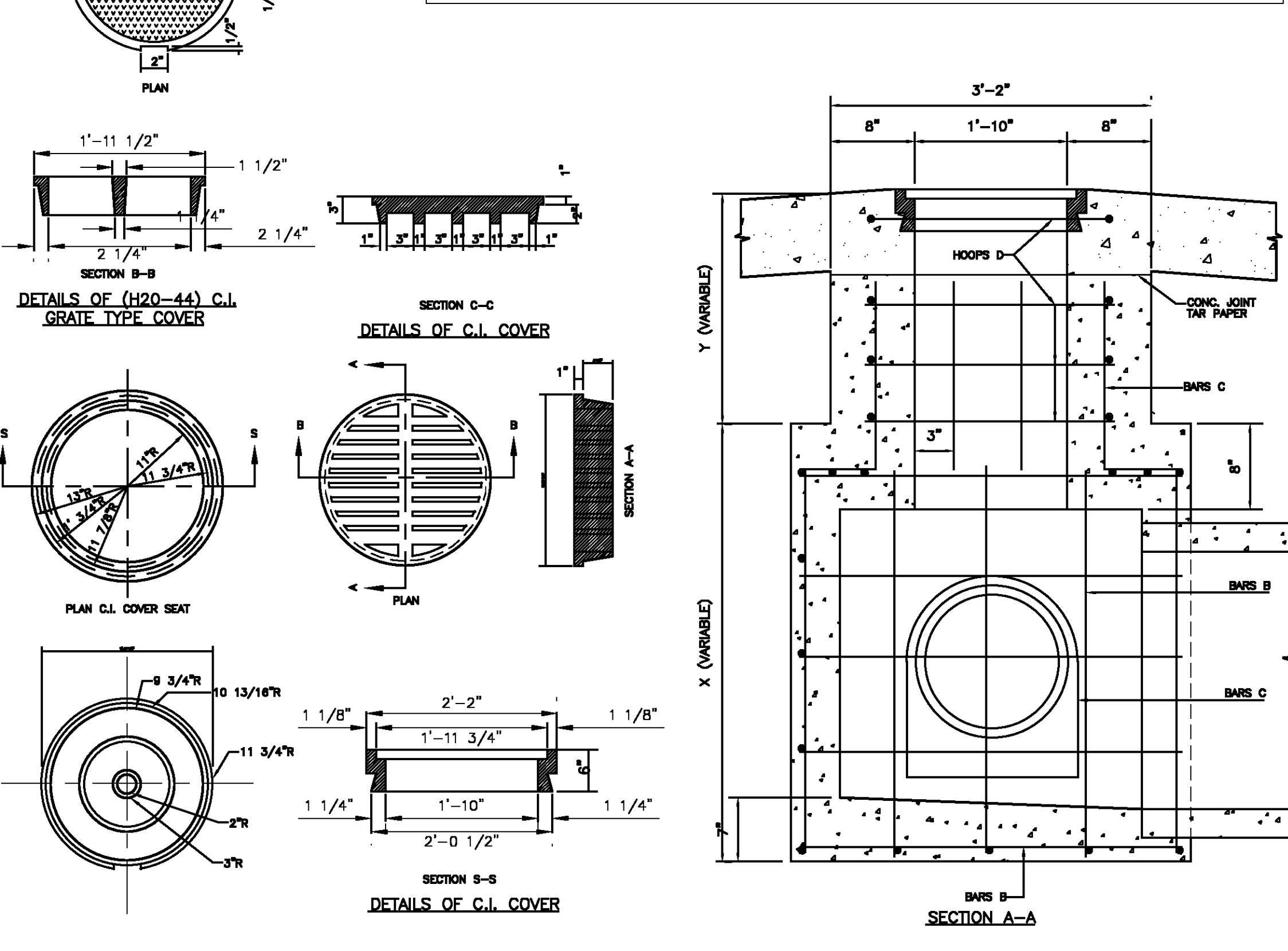
**STORM SEWER TRENCH AND BEDDING**  
N.T.S.



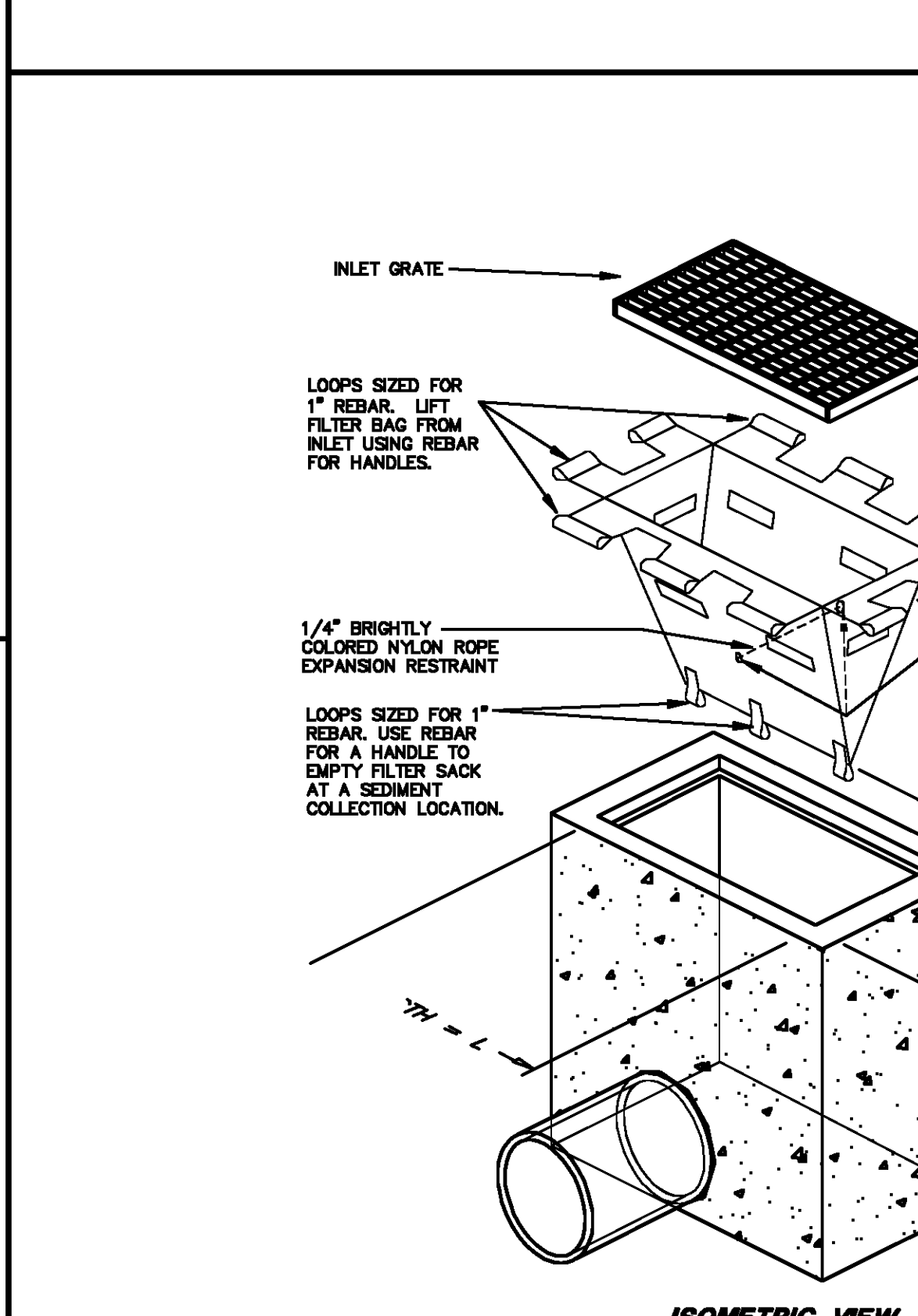
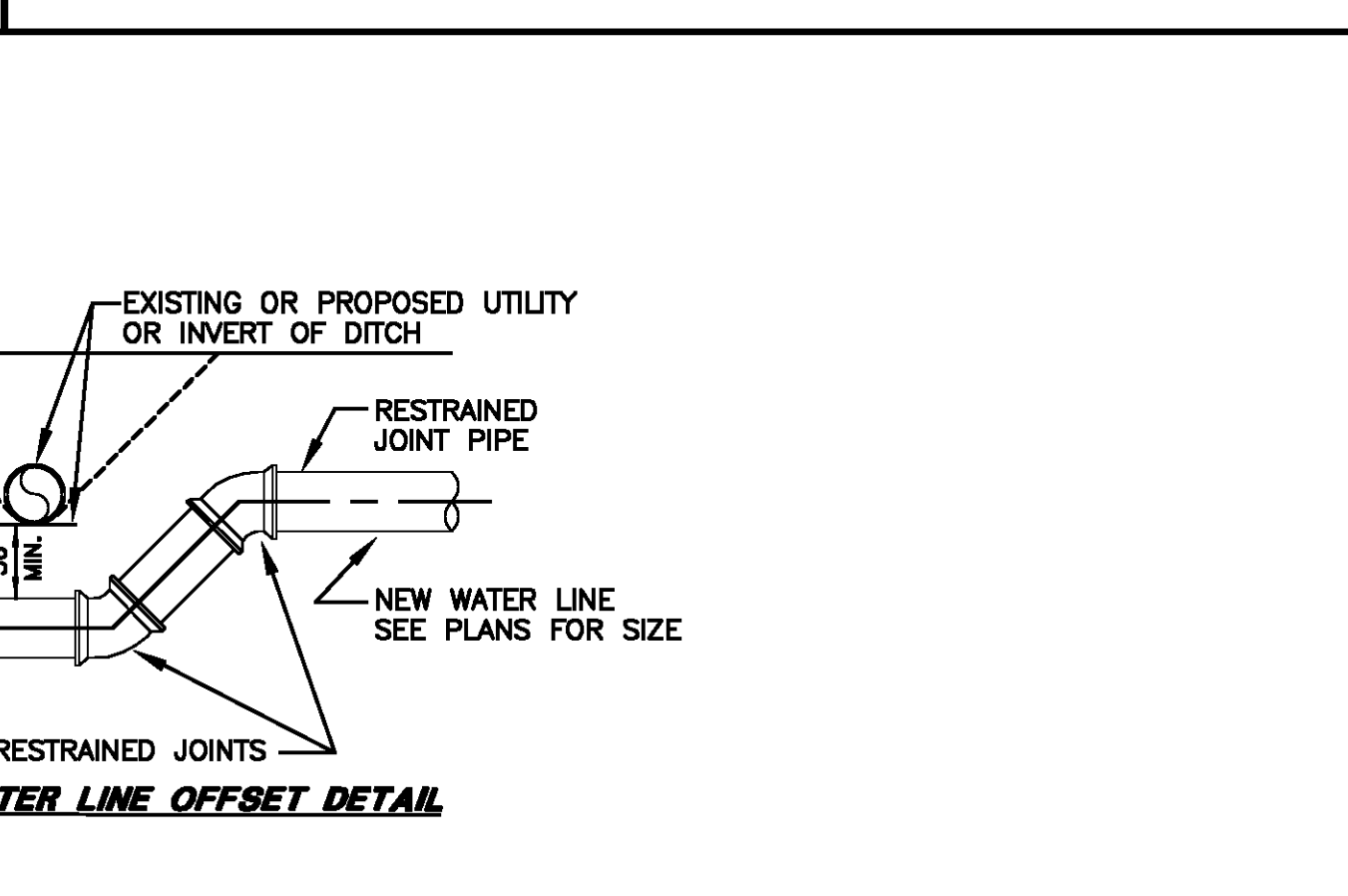
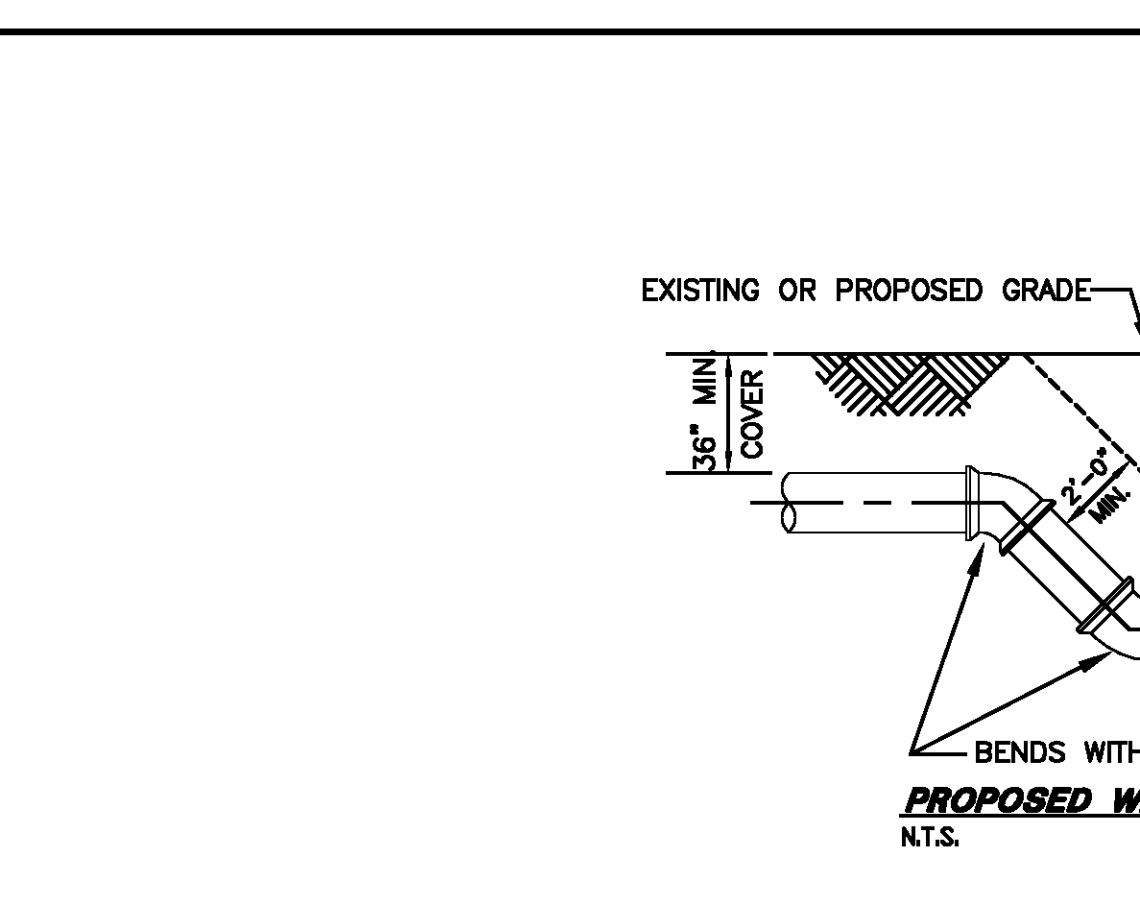
BILL OF MATERIALS FOR ONE MANHOLE  
X = 4'-2" (AS DETAILED)

MARK	SIZE	SPACING	NO. REQUIRED	UNIT LENGTH	UNIT LENGTH
BARS A	1/2"	APPROX. 11"	10	A-3"	LONGITUDINAL AND TRANSVERSE IN BOTTOM SLAB
BARS B	1/2"	APPROX. 11"	DEPENDENT ON WIDTH & SIZE OF PIPES	A-3"	LONGITUDINAL AND TRANSVERSE IN WALLS OF BOX
BARS C	1/2"	3"	DEPENDENT ON WIDTH & SIZE OF PIPES	A-3"	LONGITUDINAL AND TRANSVERSE IN TOP SLAB OF BOX
BARS D	1/2"	APPROX. 11"	DEPENDENT ON WIDTH & SIZE OF PIPES	SEE BENDING DIAGRAM	VERTICAL IN WALLS OF BOX
HOOPS C	1/2"		1 EACH PIPE	SEE BENDING DIAGRAM	AROUND EACH PIPE AS SHOWN
HOOPS D	1/2"	8" MIN.		3'-2"	HOOPS IN WALLS OF CYLINDER
BARS E	1/2"	30" RADIUS	12	V + 4 1/2" - PW THICKNESS	VERTICAL IN WALLS OF CYLINDER

1 CAST IRON COVER SEAL WEIGHING APPROXIMATELY 161 POUNDS  
1 CAST IRON COVER WEIGHING APPROXIMATELY 205 POUNDS



**STANDARD PLAN RC MANHOLES L.D.O.T.D. R-CB-11**  
N.T.S.  
30" MAXIMUM PIPE CONNECTION

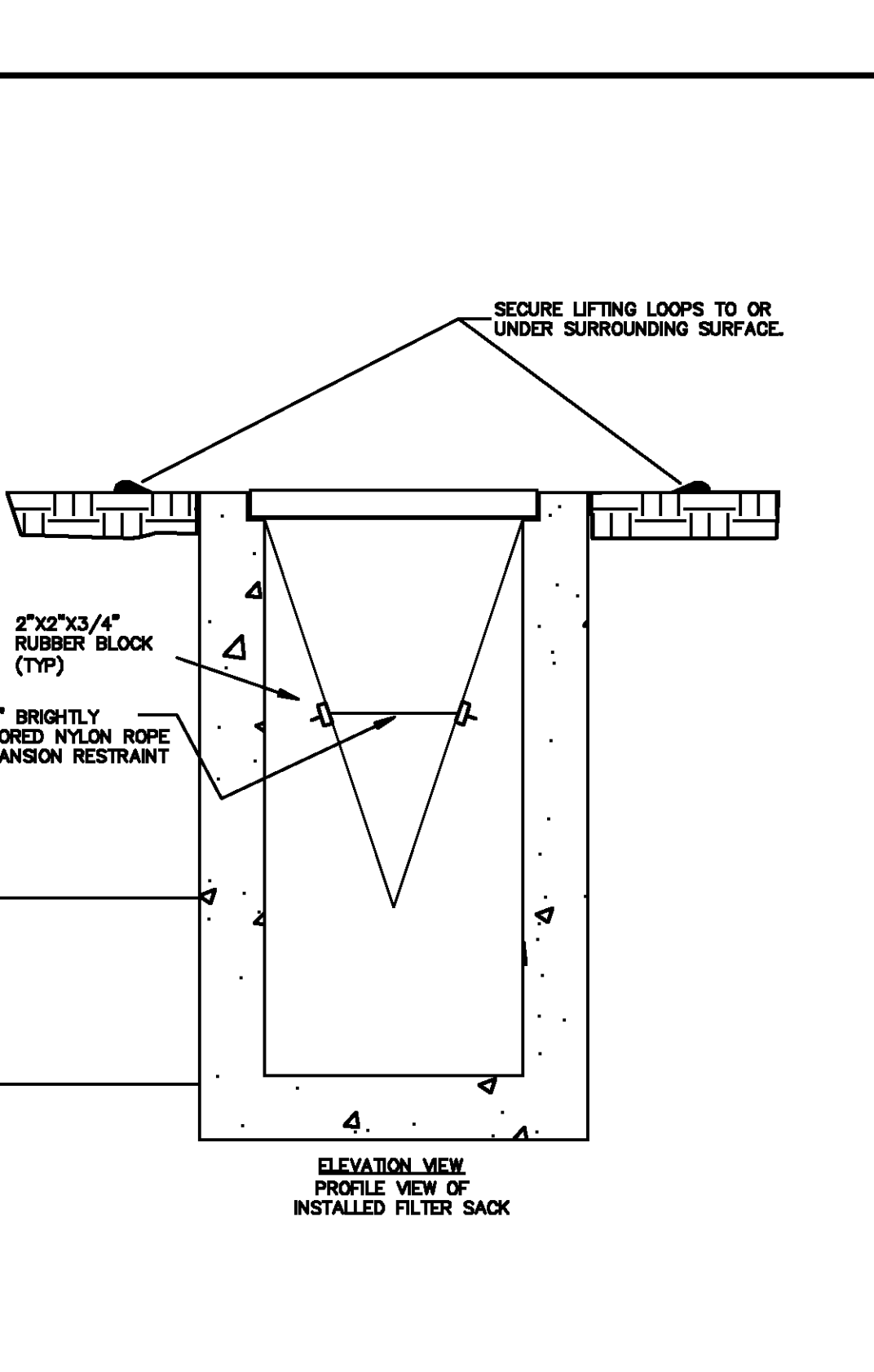
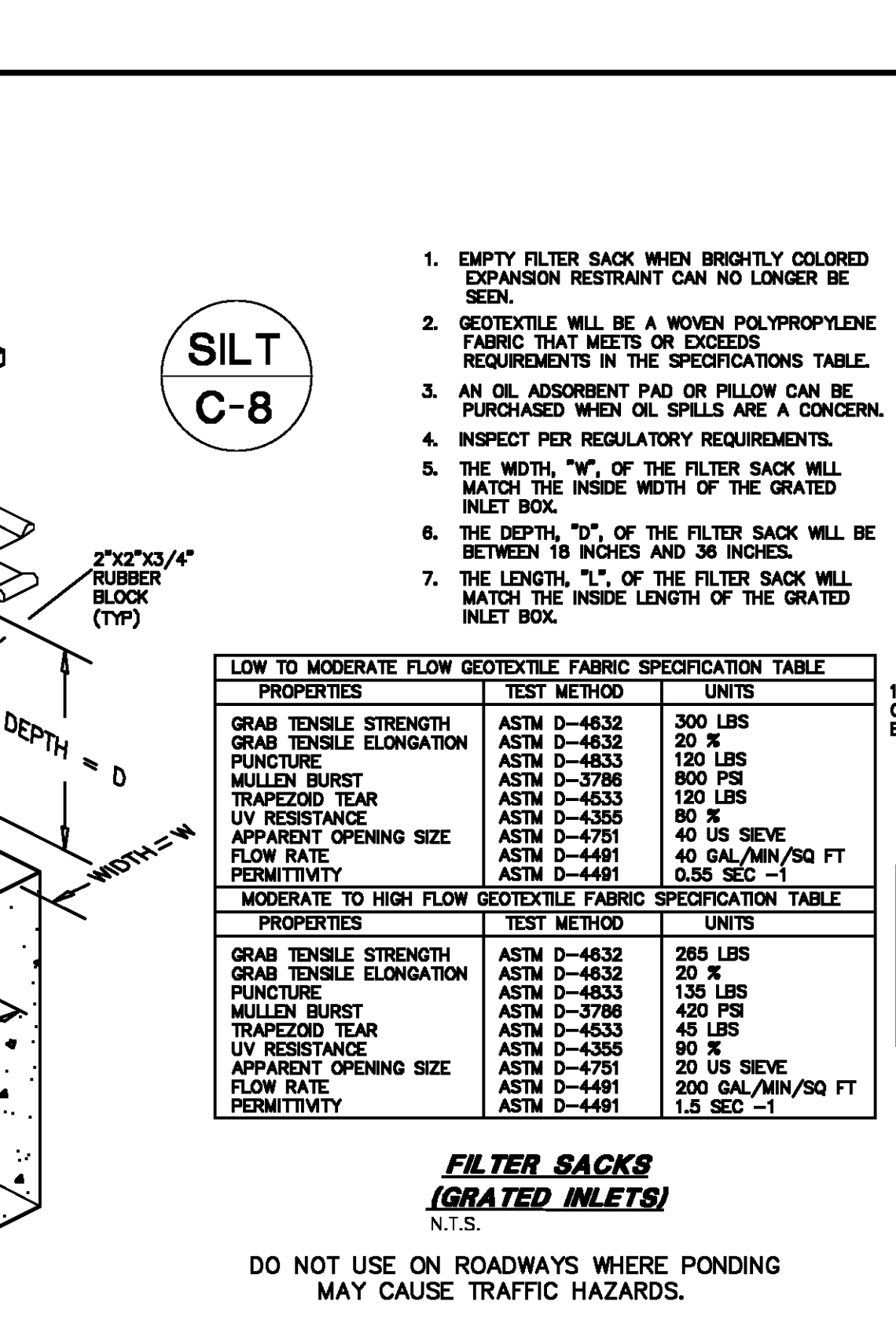


**LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE**

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4633	120 LBS
MULLEN BURST	ASTM D-3796	800 PSI
TRAPEZOID TEAR	ASTM D-4633	120 LBS
UV RESISTANCE	ASTM D-4356	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1

**MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE**

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	285 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4633	135 LBS
MULLEN BURST	ASTM D-3796	420 PSI
TRAPEZOID TEAR	ASTM D-4633	45 LBS
UV RESISTANCE	ASTM D-4356	80 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1



DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

REVISION BY

NO.	DATE	DESCRIPTION	BY

**DDG**  
DUPLANTIS DESIGN GROUP, PC  
CIVIL ENGINEERING ARCHITECTURE  
34 LOUIS PRIMA DRIVE BOCA RATON, FL 33493  
WWW.DDGP.COM PHONE: 954-496-6800 FAX: 954-496-9190  
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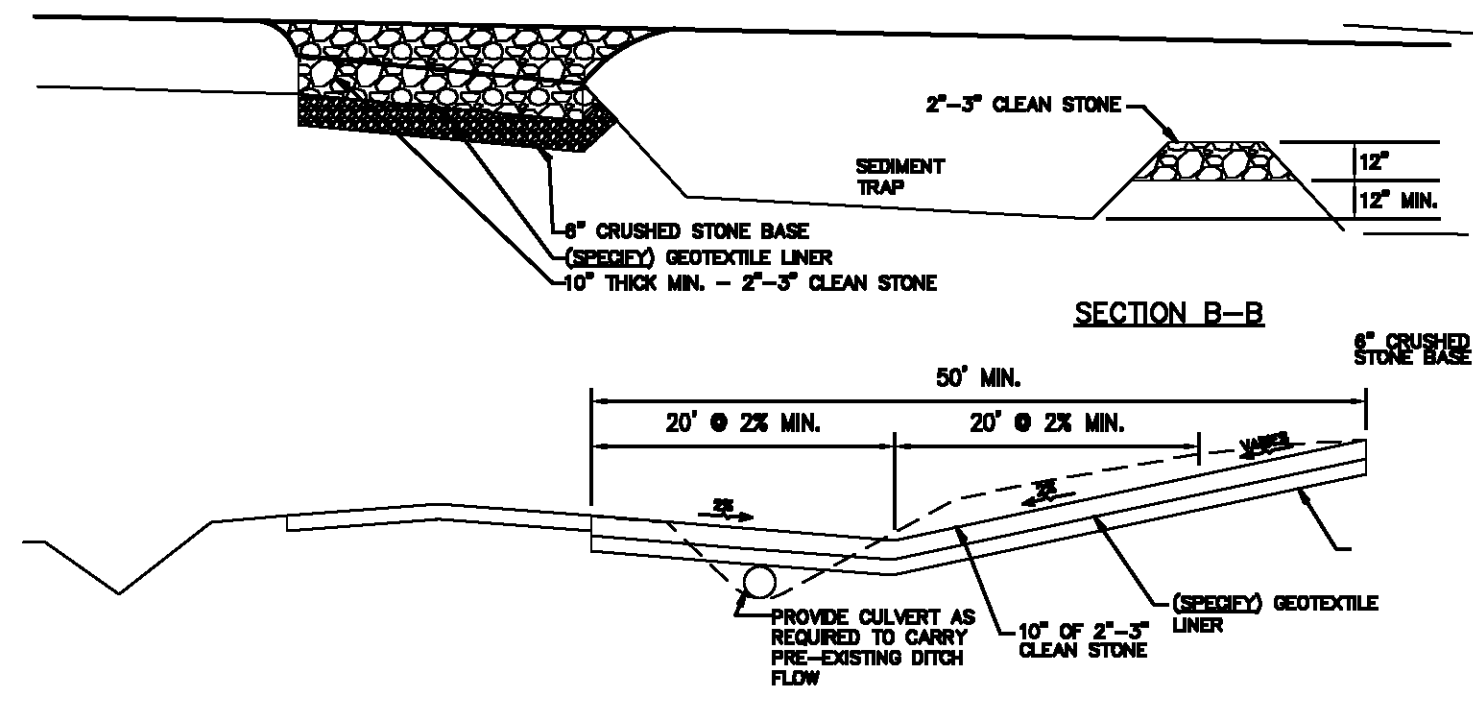
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SPRINGS AT FREMAUX TOWN CENTER  
SLIDELL, LOUISIANA  
ST. TAMMANY PARISH  
FOR CONTINENTAL 294 FUND LLC  
MEMONIEE FALLS, WI

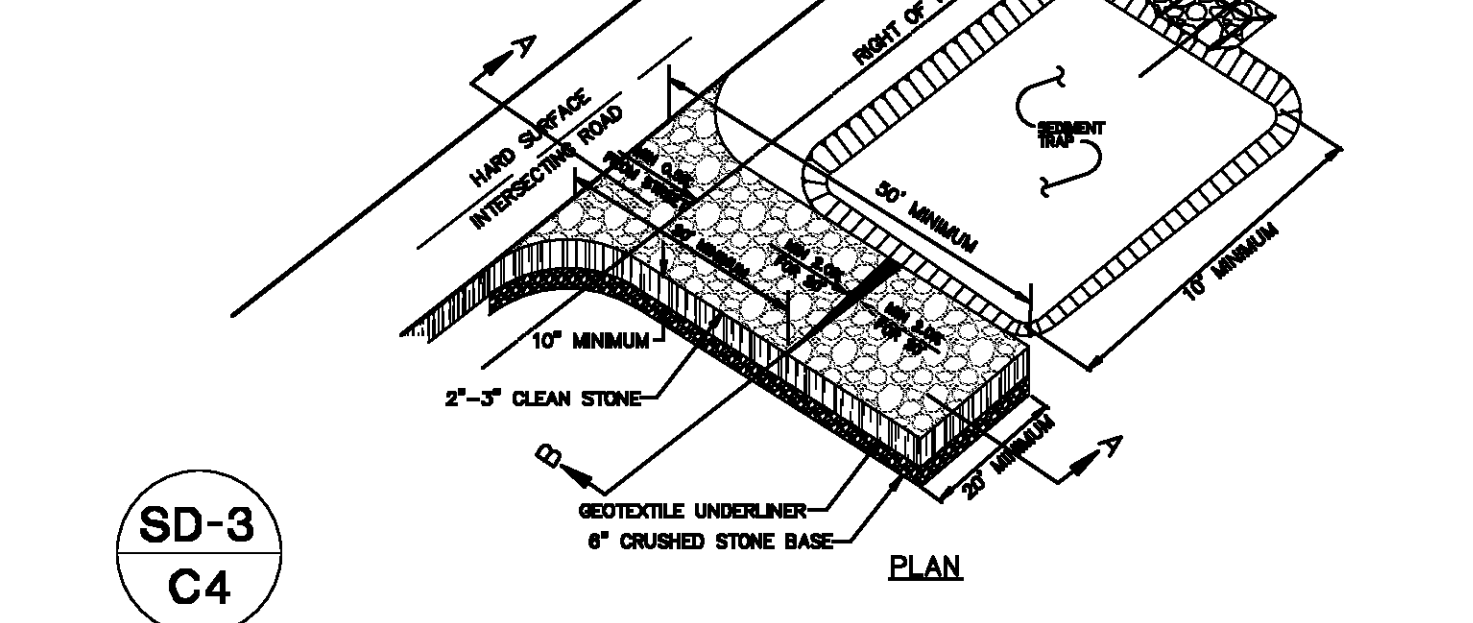
DRAWN DGS  
CHECKED DEB  
ISSUED DATE 8/23/14  
ISSUED FOR PERMITTING  
PROJECT NO. 14-248  
FILE 14-248 DETAILS  
SHEET D-3

**DETAIL SHEET**

D-3

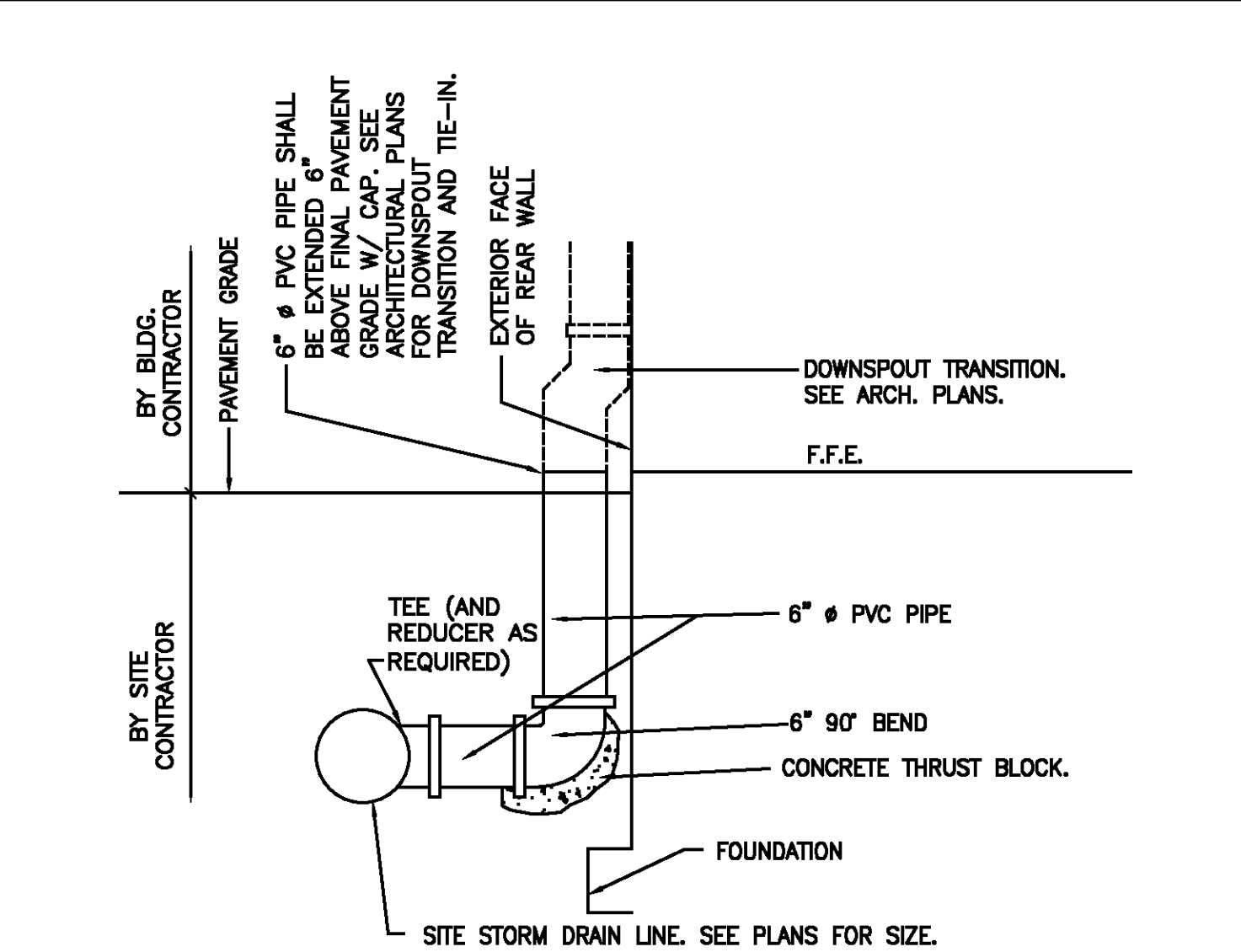


**NOTES:**  
 PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.  
 FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.  
 PLACEMENT OF SEDIMENT TRAP SHALL BE AT LEAST THE MINIMUM DISTANCE FROM THE RIGHT OF WAY AS REQUIRED BY LOCAL JURISDICTION.

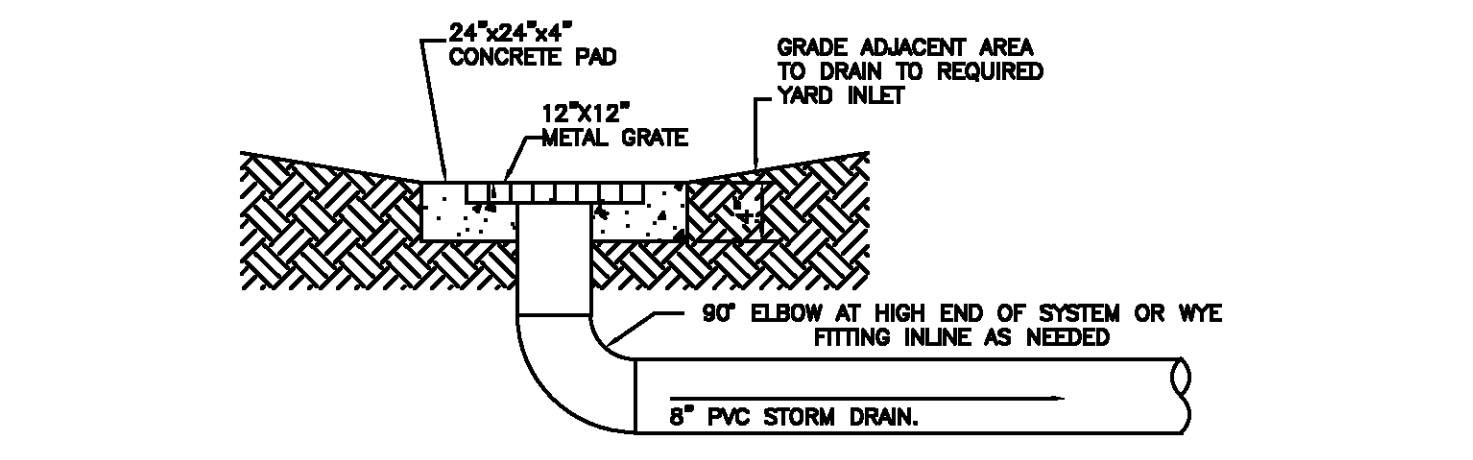


SD-3  
C4

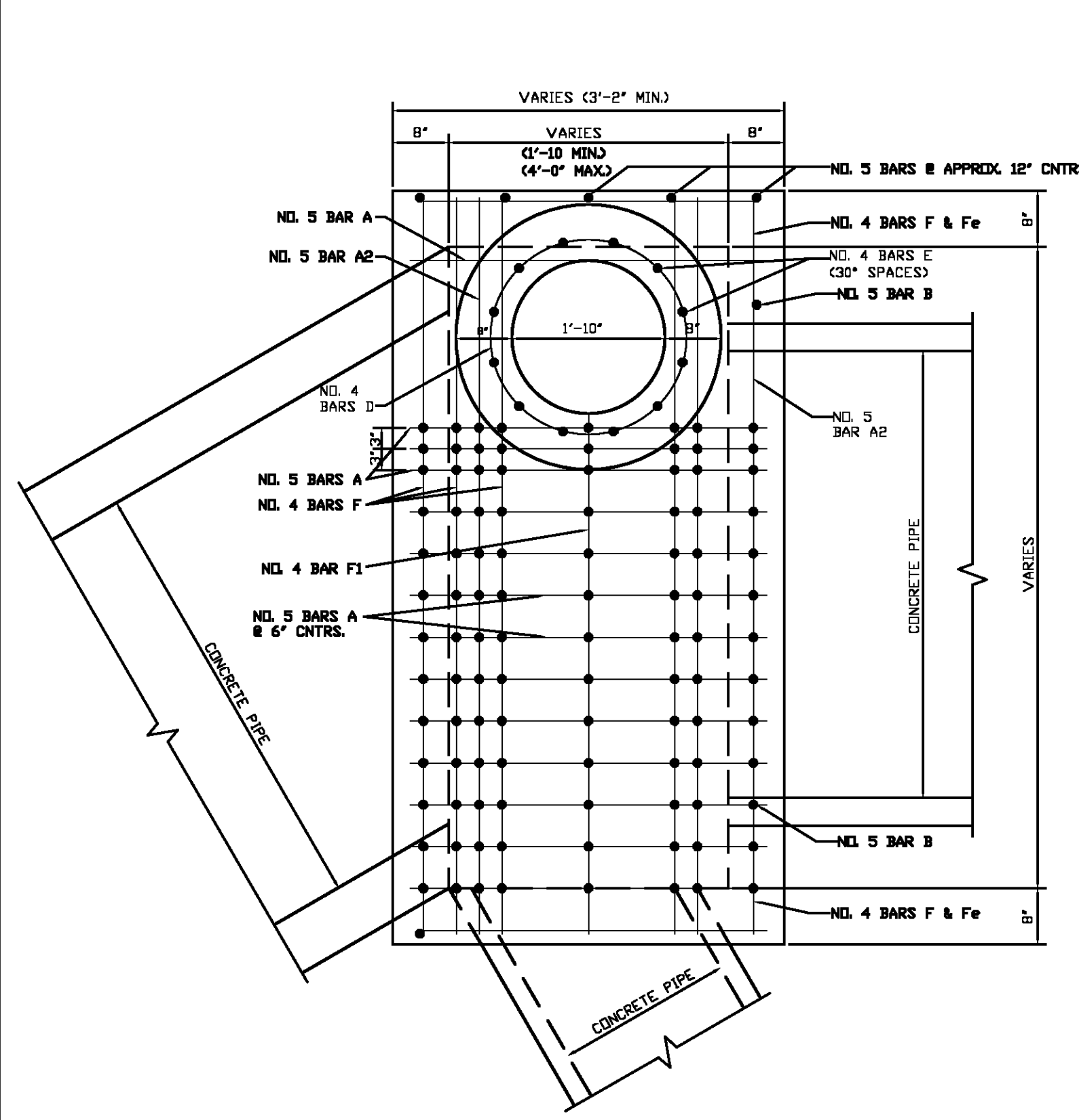
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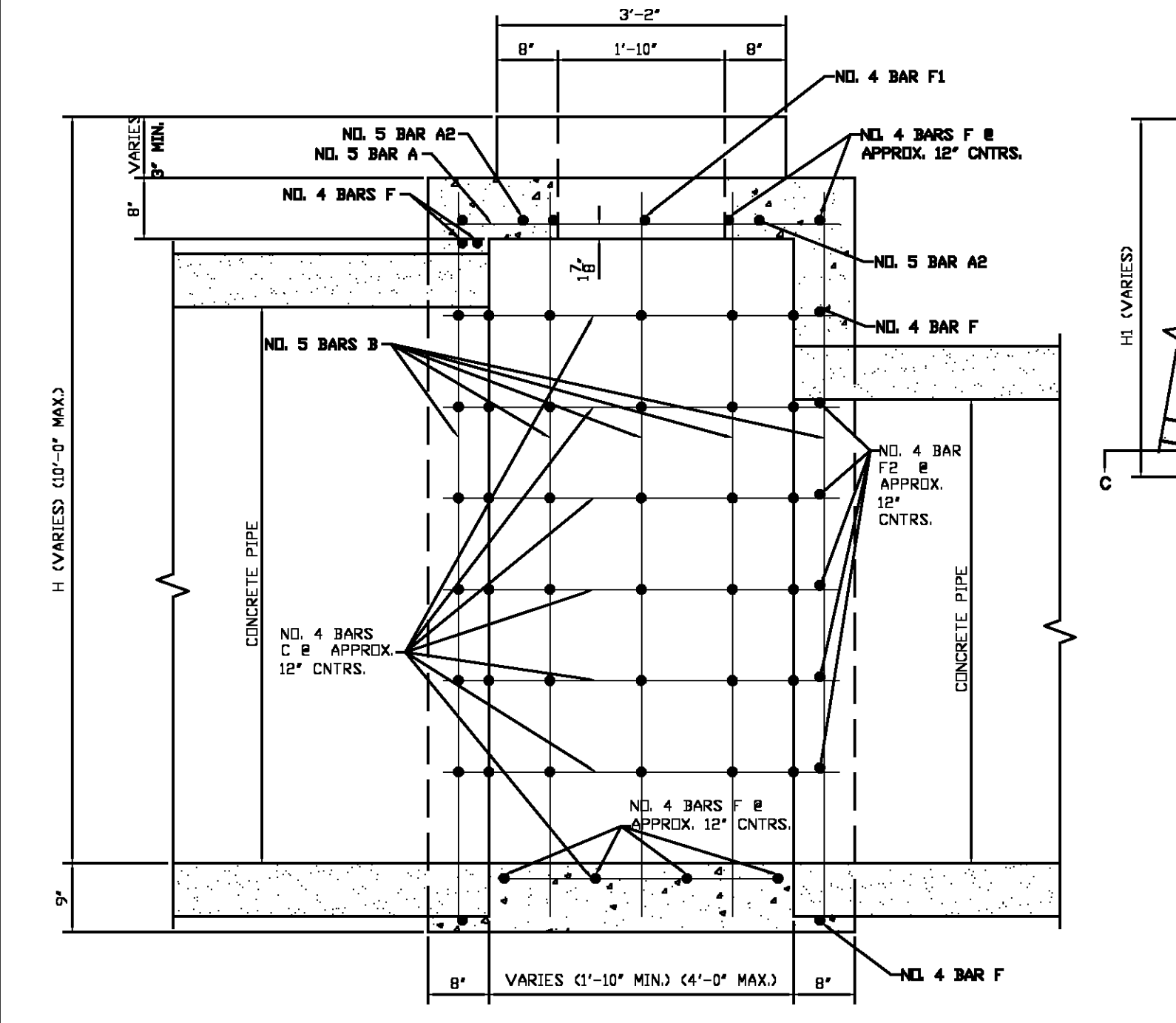
**DOWNSPOUT COLLECTOR DRAIN**



**YARD INLET DETAIL**  
NOT TO SCALE

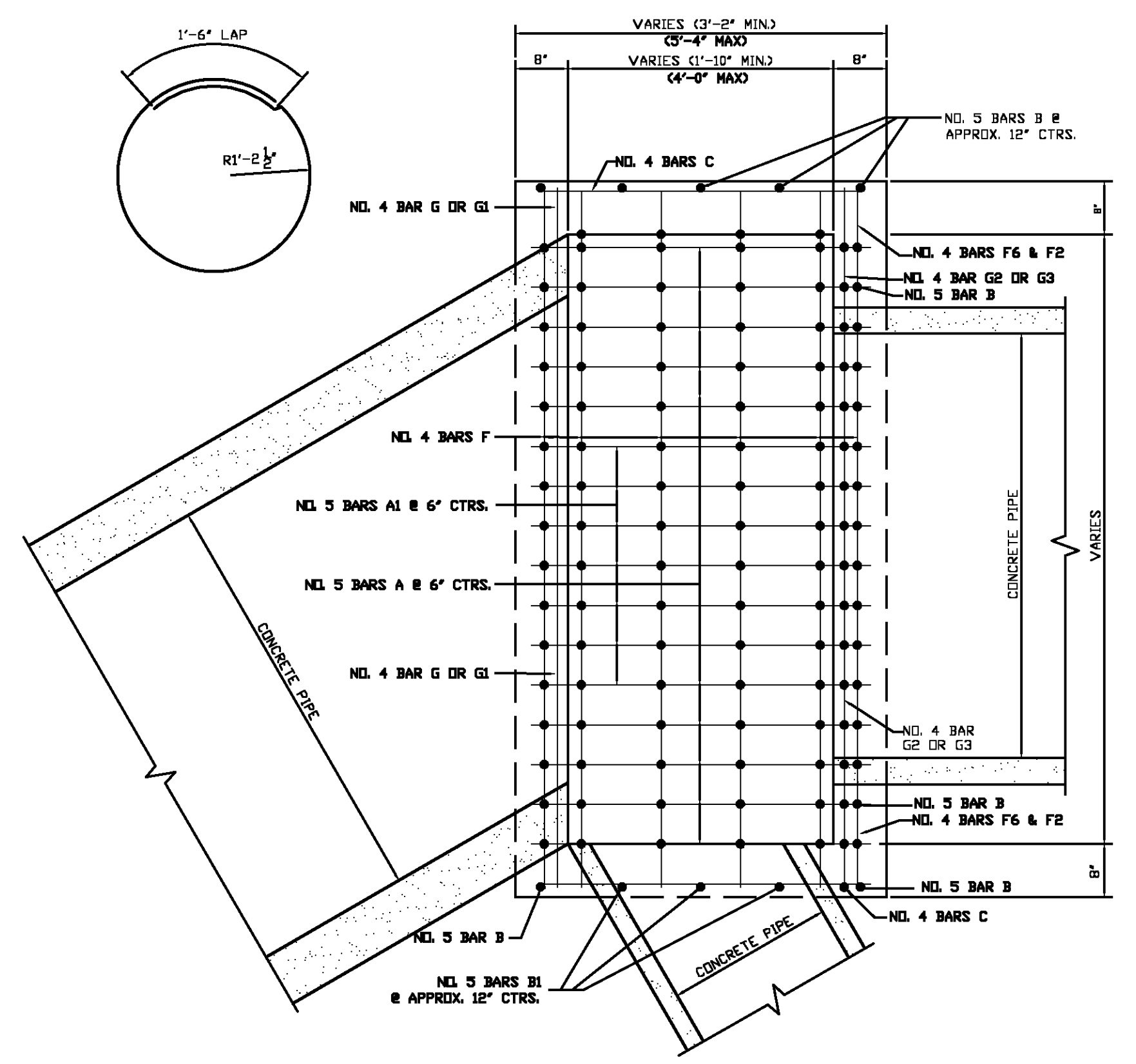


PLAN VIEW

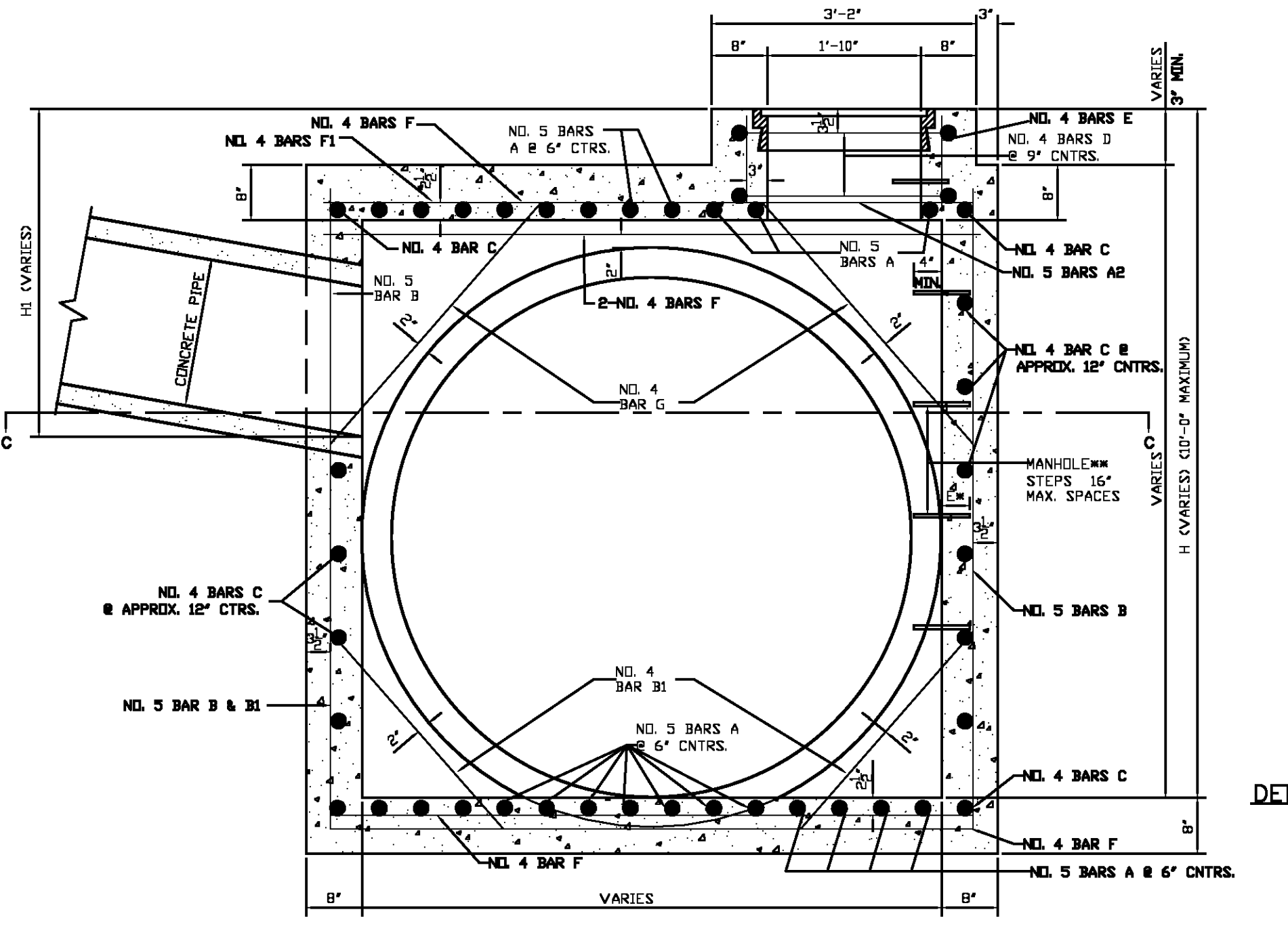


SECTION B-B

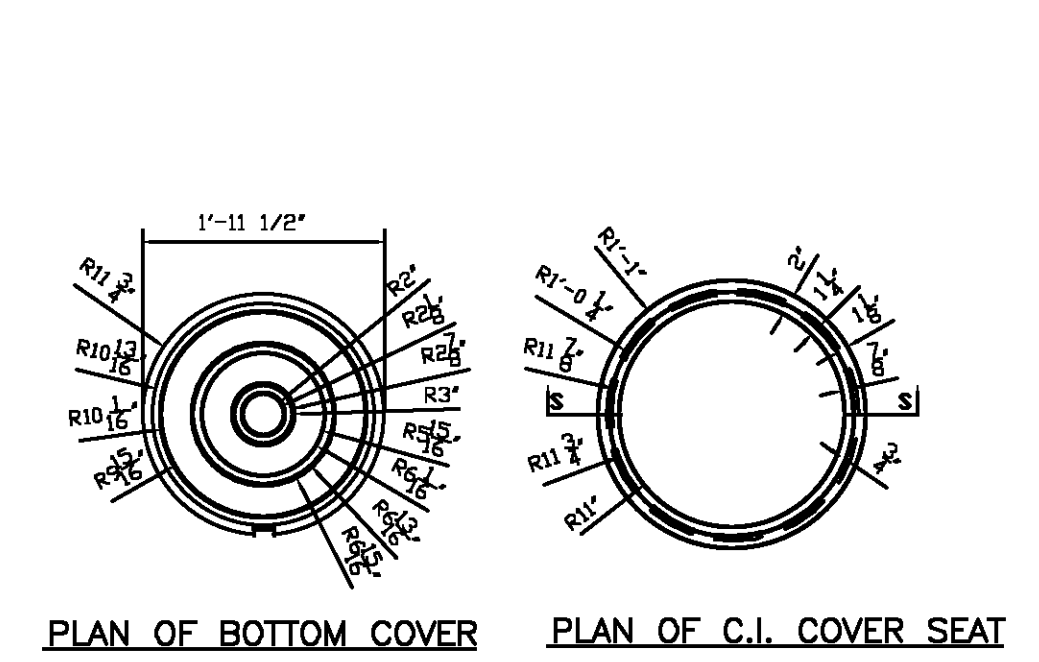
R-CB-11 MOD  
N.T.S.



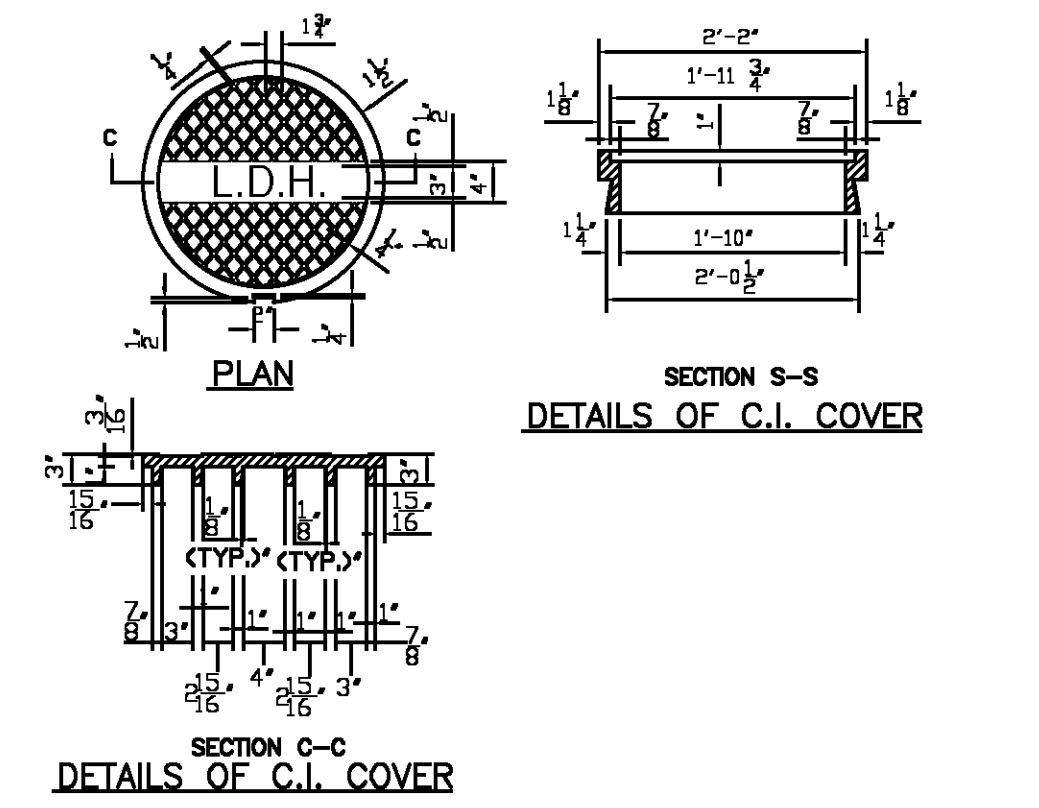
SECTION C-C



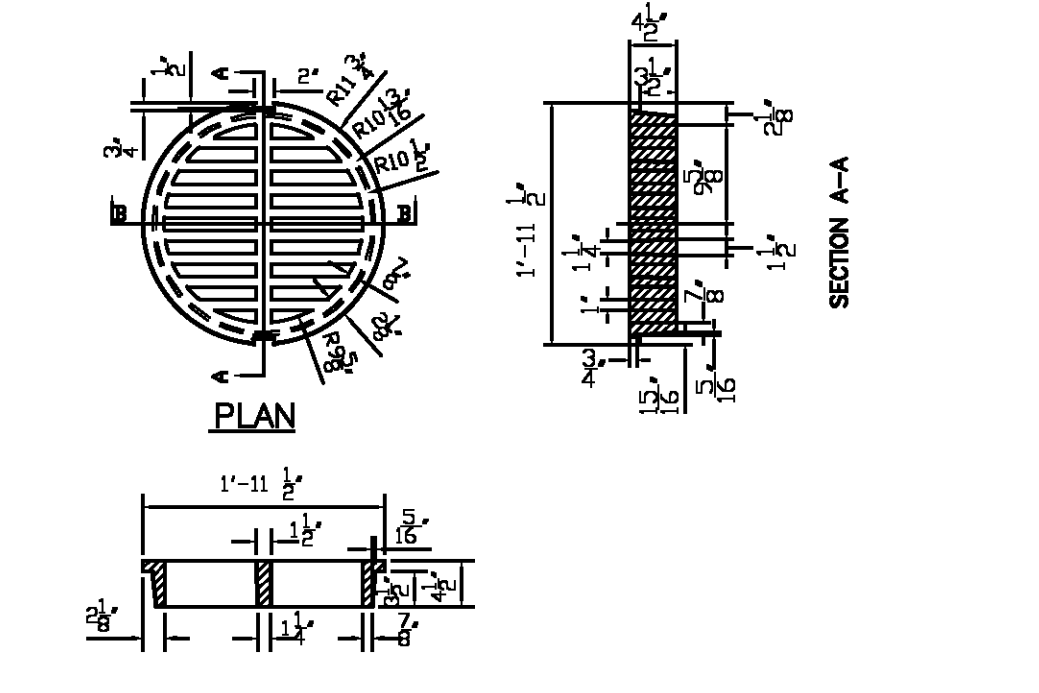
SECTION A-A



PLAN OF BOTTOM COVER PLAN OF C.I. COVER SEAT



DETAILS OF C.I. COVER



DETAILS OF (H20-44) C.I. GRATE-TYPE COVER

REVISION	BY

**DDG**  
 DUPONTIS DESIGN GROUP, PC  
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 WWW.DDGPC.COM PHONE: 985-249-6180 FAX: 985-249-6190  
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 Douglas E. Barillieux, P.E., #34541  
 Dupontis Design Group, PC

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 SLIDELL, LOUISIANA  
 ST. TAMMANY PARISH  
 FOR CONTINENTAL 294 FUND LLC  
 MEMONEE FALLS, WI

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PROJECT NO. 14-248
FILE 14-248 DETAILS

SHEET  
D-4

**DETAIL SHEET**

14-248 DETAILS.dwg

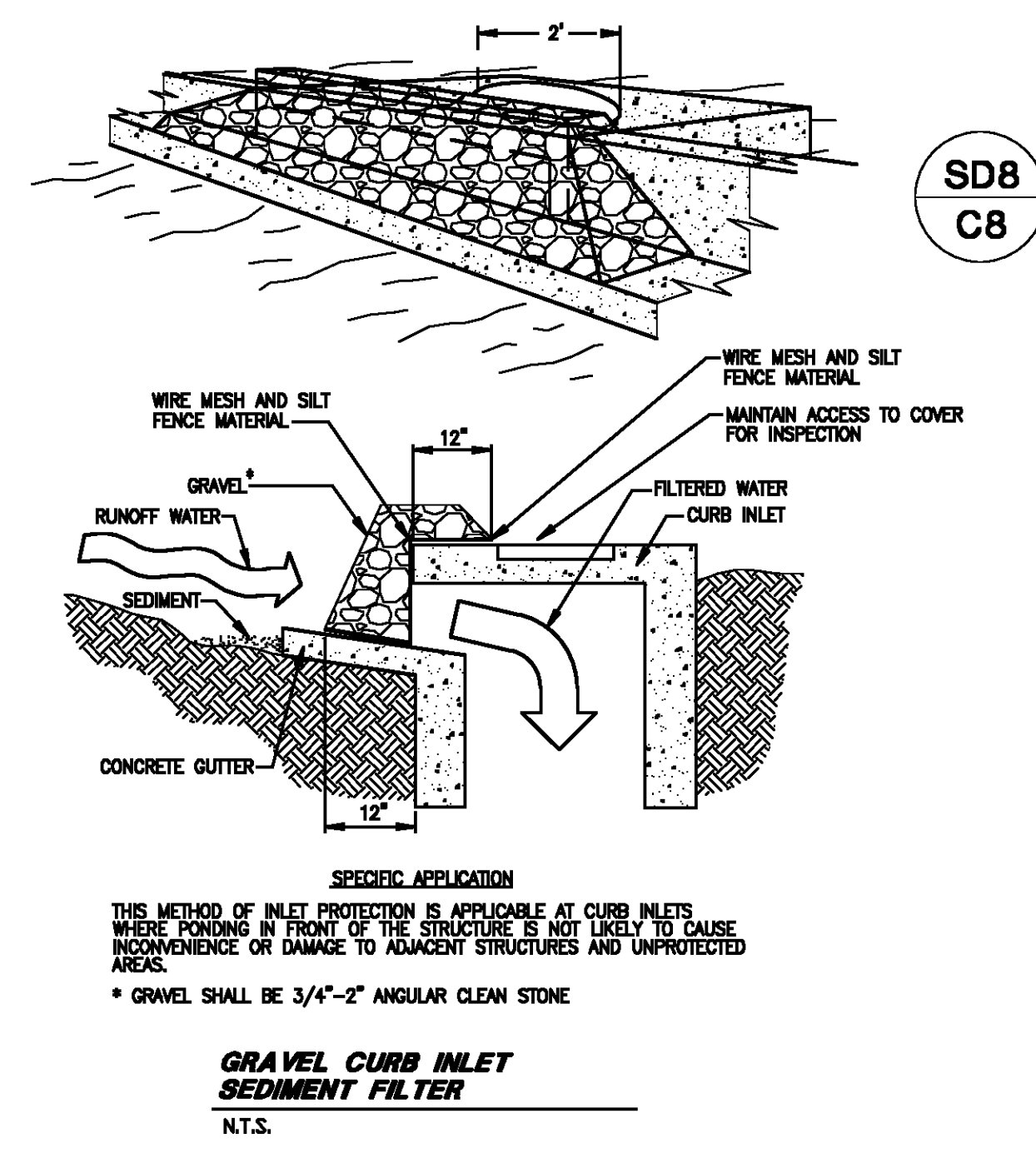
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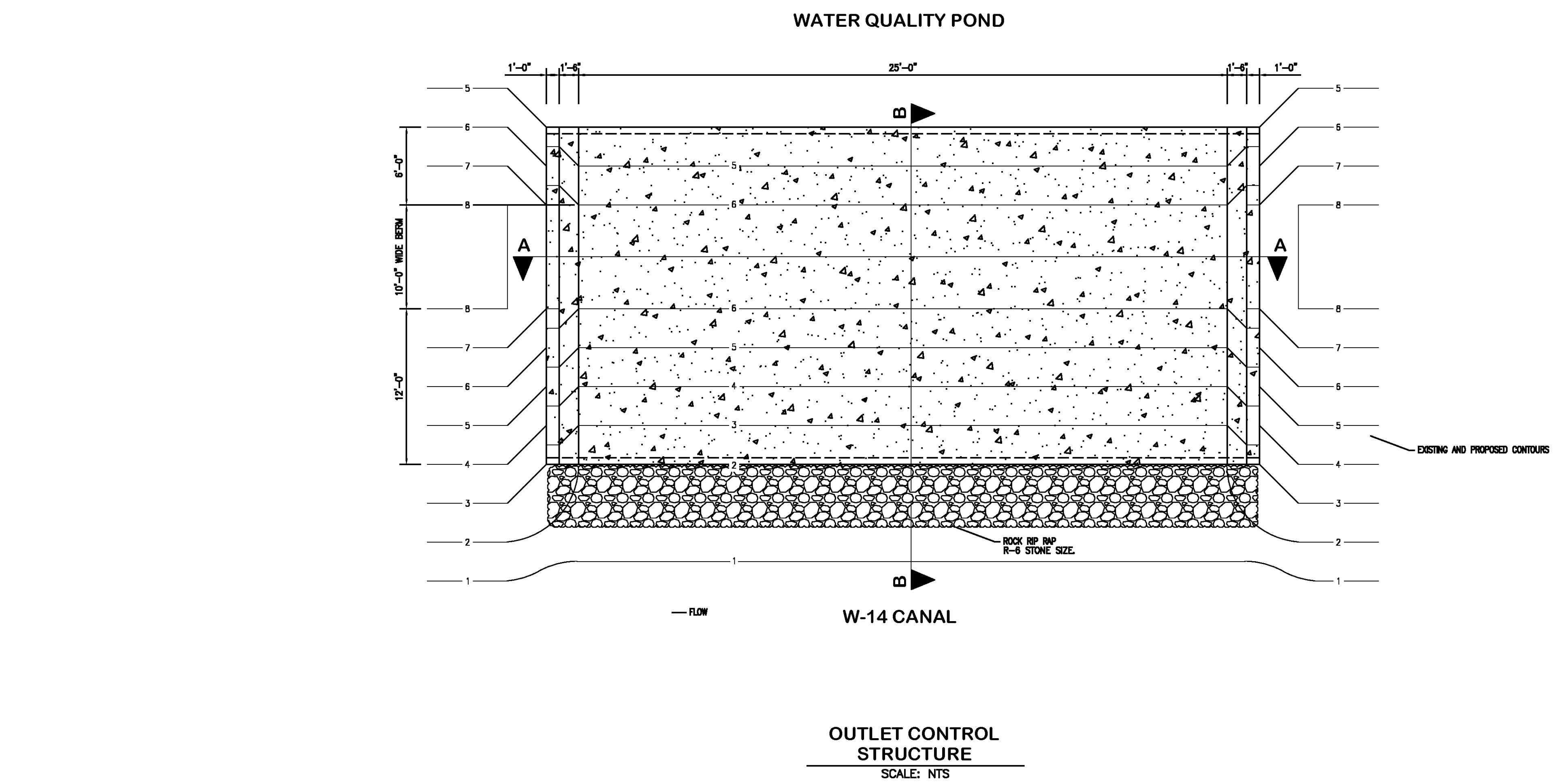
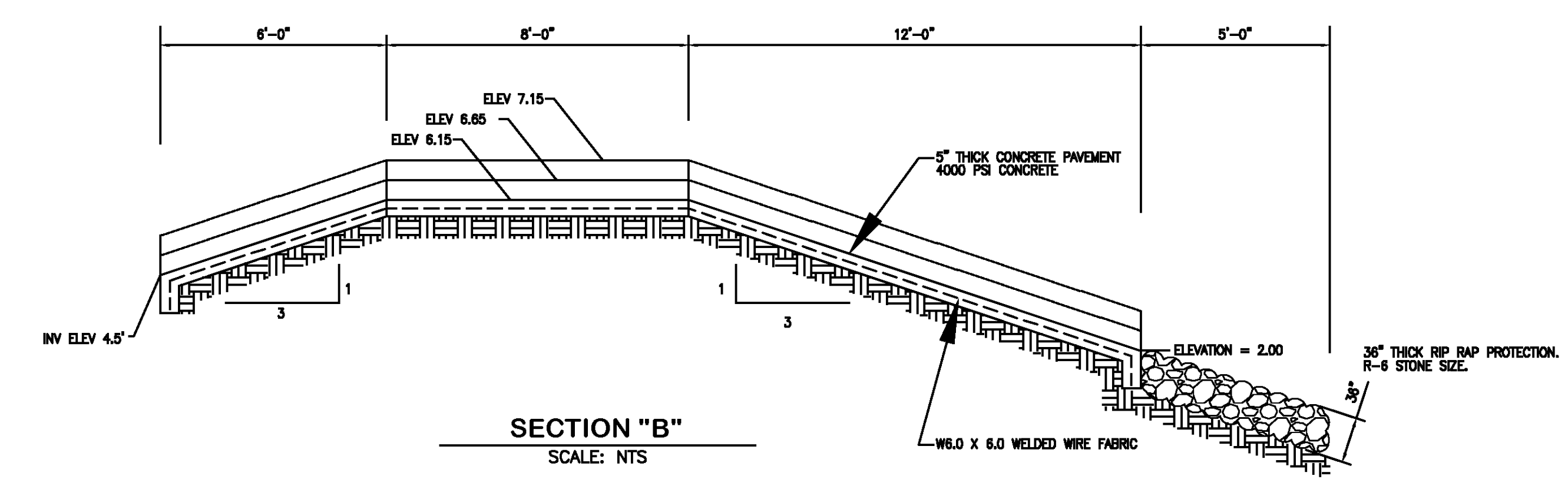
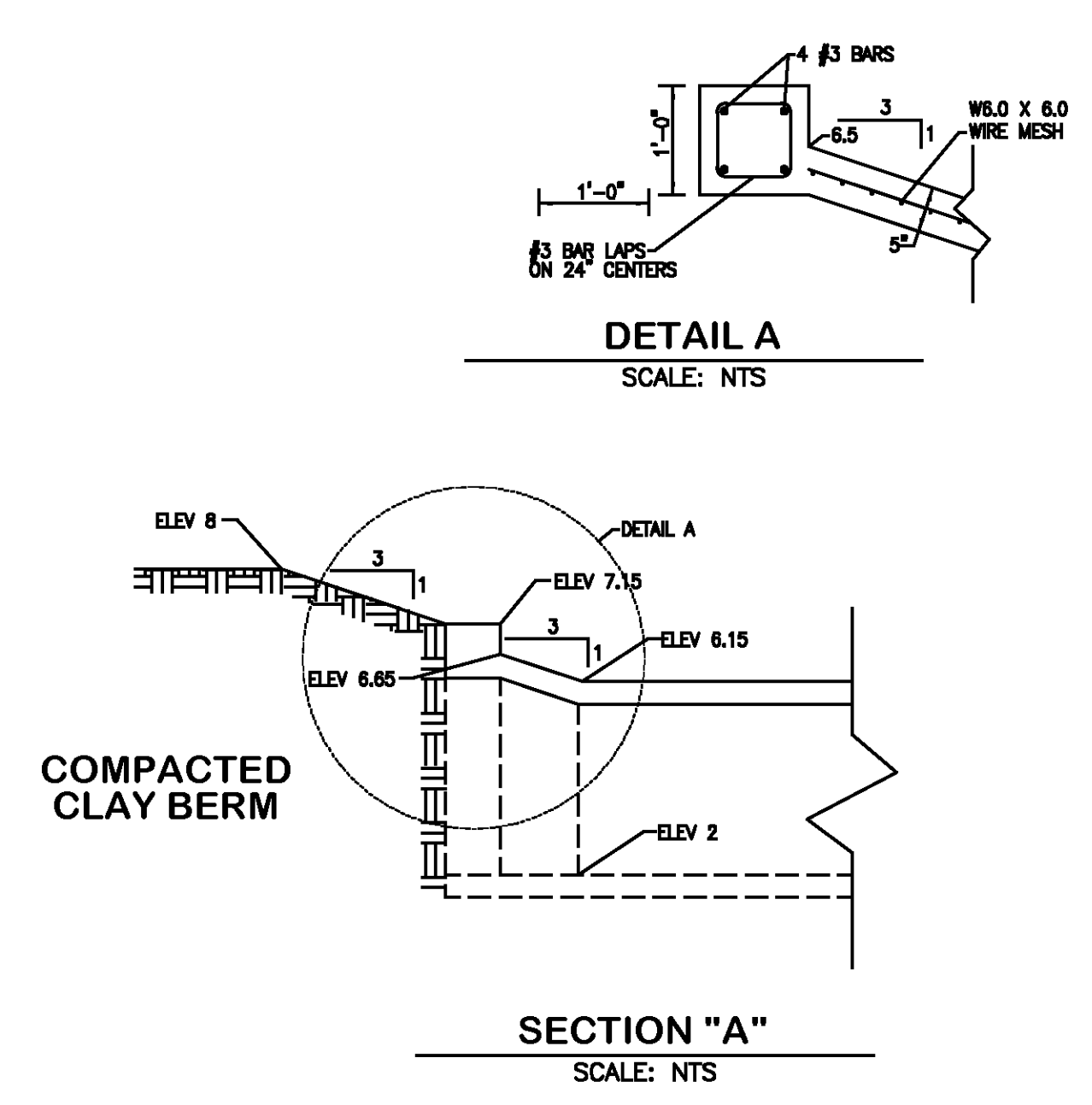
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 SHEET D-5



SD8  
 C8



**DETAIL SHEET**

REVISION	BY

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PROJECT NO.	14-248
FILE	14-248 DETAILS
SHEET	D-6

**PLAN VIEW OF ROADWAY SHOWING JOINTS**

**TABLE 1**  
 (All dimensions are in inches.)

Joint Type	Length	Width	Depth	Notes
Transverse	12'	12"	4"	See Note 1
Longitudinal	12'	12"	4"	See Note 1
Diagonal	12'	12"	4"	See Note 1
Expansion	12'	12"	4"	See Note 1
Contraction	12'	12"	4"	See Note 1

**NOTES:**

- Provide joints in the concrete slabs as shown in this plan view.
- Provide joints in the concrete slabs as shown in this plan view.
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**PORTLAND CEMENT CONCRETE PAVEMENT DETAILS**  
 STANDARD PLAN NO. CP-01  
 STATE OF LOUISIANA  
 DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

**DETAILS OF CONCRETE PAVEMENT JOINTS**

**SECTION C-C**  
 TYPE E-EXPANDED JOINT

**SECTION E-E**  
 TYPE E-EXPANDED JOINT

**SECTION F-F**  
 TYPE E-EXPANDED JOINT

**SECTION G-G**  
 TYPE E-EXPANDED JOINT

**SECTION H-H**  
 TYPE E-EXPANDED JOINT

**SECTION I-I**  
 TYPE E-EXPANDED JOINT

**SECTION J-J**  
 TYPE E-EXPANDED JOINT

**SECTION K-K**  
 TYPE E-EXPANDED JOINT

**SECTION L-L**  
 TYPE E-EXPANDED JOINT

**SECTION M-M**  
 TYPE E-EXPANDED JOINT

**SECTION N-N**  
 TYPE E-EXPANDED JOINT

**SECTION O-O**  
 TYPE E-EXPANDED JOINT

**SECTION P-P**  
 TYPE E-EXPANDED JOINT

**SECTION Q-Q**  
 TYPE E-EXPANDED JOINT

**SECTION R-R**  
 TYPE E-EXPANDED JOINT

**SECTION S-S**  
 TYPE E-EXPANDED JOINT

**SECTION T-T**  
 TYPE E-EXPANDED JOINT

**SECTION U-U**  
 TYPE E-EXPANDED JOINT

**SECTION V-V**  
 TYPE E-EXPANDED JOINT

**SECTION W-W**  
 TYPE E-EXPANDED JOINT

**SECTION X-X**  
 TYPE E-EXPANDED JOINT

**SECTION Y-Y**  
 TYPE E-EXPANDED JOINT

**SECTION Z-Z**  
 TYPE E-EXPANDED JOINT

**PORTLAND CEMENT CONCRETE PAVEMENT DETAILS**  
 STANDARD PLAN NO. CP-01  
 STATE OF LOUISIANA  
 DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

**NOTES**

- THE 2 CONDUITS FOR CLECO'S PRIMARY CONDUCTORS ARE TO BE POSITIONED IN HIGH VOLTAGE WINDOW OPENING AS SHOWN.
- CONDUITS FOR SECONDARY CONDUCTORS ARE TO BE POSITIONED AS REQUIRED IN 24" BY 24" LOW VOLTAGE WINDOW OPENING.
- GROUND LOOP CONDUCTOR IS TO BE CONTINUOUS WITH 3' TAILS EXPOSED ABOVE SLAB. INTERWEAVE GROUND CONDUCTOR WITH RE-BARS.
- HAVE CLECO INSPECT AFTER FORMING BUT BEFORE POURING.
- ALL CONCRETE SHALL BE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- PROVIDE A MINIMUM OF TEN FEET CLEAR SPACE BETWEEN SIDES AND REAR OF CONCRETE PAD AND ANY STRUCTURE OPENING OR STRUCTURES NOT HAVING THREE HOUR FIRE RATED CONSTRUCTION.
- PROVIDE A MINIMUM OF FIVE FOOT CLEAR SPACE BETWEEN SIDES AND REAR OF CONCRETE PAD AND ANY FENCE OR STRUCTURE HAVING THREE HOUR FIRE RATED CONSTRUCTION.
- PROVIDE SUITABLE ACCESS AND EGRESS FOR CLECO PERSONNEL AND EQUIPMENT TO INSTALL, OPERATE, AND MAINTAIN THE TRANSFORMER FROM THE FRONT OF THE CONCRETE PAD.
- PROVIDE FOUR, SIX INCH, CONCRETE FILLED, STEEL PIPE BOLLARDS, WHEN PAD IS IN AN AREA EXPOSED TO VEHICLES TRAFFIC. BOLLARDS ARE TO BE 10 FOOT IN TOTAL LENGTH WITH 6 FOOT BURIAL DEPTH.

**CONCRETE TRANSFORMER PAD 35KV 3Ø  
 LOOP FEED 500-2500 KVA**

**Cleco Corporation**  
 PINEVILLE, LOUISIANA

**FILE NAME: N-14A  
 REV BY: [blank]  
 SCALE: [blank]  
 SHEET NO. 2 OF 2**

**ELECTRIC SERVICE STANDARDS**

**PLAN VIEW**

**FRONT ELEVATION**

**SECTION A-A**

**NOTES ON SHEET 2 OF 2**

**CONCRETE TRANSFORMER PAD 35KV 3Ø  
 LOOP FEED 500 - 2500 KVA**

**Cleco Corporation**  
 PINEVILLE, LOUISIANA

**FILE NAME: N-14A  
 REV BY: [blank]  
 SCALE: [blank]  
 SHEET NO. 2 OF 2**

**ELECTRIC SERVICE STANDARDS**

**FIRE HYDRANT ASSEMBLY**  
 N.T.S.

**WOOD THRUST BLOCK DETAIL**  
 N.T.S.

**NOTE:**  
 BOARD SHALL BE CYPRESS, PRESSURE TREATED TIMBER OR OAK DUNNAGE.

**DETAIL SHEET**