

SITE DEVELOPMENT DRAWINGS FOR: MERCEDES BENZ OF COCONUT CREEK ADDITION FOR HODGEN CONSTRUCTION 4250 NORTH STATE ROAD 7, COCONUT CREEK BROWARD COUNTY, FL SECTION 18, TOWNSHIP 48, RANGE 42 E



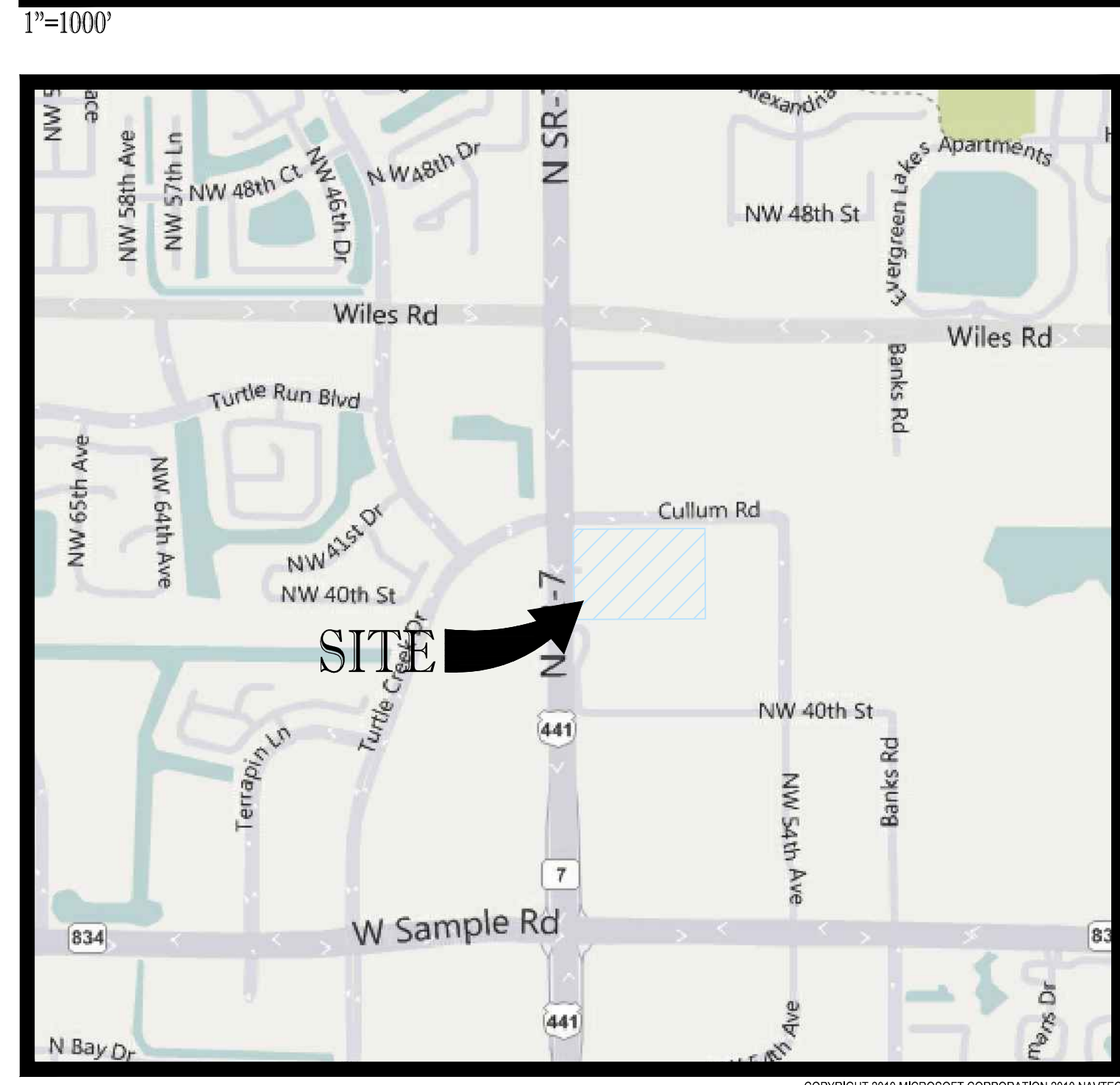
REVISIONS			
REV.	DATE	COMMENT	BY:



VICINITY \ AERIAL MAP



LOCATION MAP



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ENTITLEMENT PHASE

PROJECT No.:	F100106
DRAWN BY:	CAD
CHECKED BY:	JMG
DATE:	2/25/2014
CAD I.D.:	01-F100106-COVER

MERCEDES-BENZ OF COCONUT CREEK

FOR HODGEN CONSTRUCTION

4250 NORTH STATE ROAD 7
 CITY OF CORAL SPRINGS
 BROWARD COUNTY, FLORIDA



JASON M. GUNTHER

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 2/25/2014
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 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

COVER SHEET

SHEET NUMBER:
C-01

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LEGAL DESCRIPTION:
 PARCEL 'A', SAWGRASS RANCH, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 158, PAGE 24, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, SAID LAND SITUATE, LYING AND BEING IN THE CITY OF COCONUT CREEK, BROWARD COUNTY, FLORIDA, AND CONTAINING 595,429 SQUARE FEET OR 13.669 ACRES, MORE OR LESS.

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE CONFORMANCE TO THESE REQUIREMENTS BY ALL SUBCONTRACTORS.

1. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:

- RECORD SURVEY PREPARED BY MCLAUGHLIN ENGINEERING COMPANY , DATED 05/03/07.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE.

2. ALL HANDICAPPED PARKING SPACES SHALL BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE 42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THIS PROJECT IS TO BE CONSTRUCTED.

3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES. CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.

4. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION OVER THIS PROJECT.

6. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF DISCREPANCY, SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.

7. THE RECORD SURVEY PREPARED BY MCLAUGHLIN ENGINEERING COMPANY , DATED 05/03/07, SHALL BE CONSIDERED A PART OF THESE PLANS.

8. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO THOMAS ENGINEERING GROUP BY THE OWNER AND APPROVED PRIOR TO THE DATE OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THOMAS ENGINEERING GROUP IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.

9. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO THE GIVING OF SUCH NOTIFICATION AND THE ENGINEER'S WRITTEN AUTHORIZATION OF SUCH ADDITIONAL WORK.

10. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS.

11. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE SITE PLAN AND LATEST ARCHITECTURAL PLANS INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION SYSTEMS. CONTRACTOR SHALL NOTIFY OWNER, ARCHITECT AND SITE ENGINEER OF ANY DISCREPANCIES.

12. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

13. THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT AND CONTIGUOUS STRUCTURES.

14. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO EXISTING STRUCTURES WHICH ARE TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, ETC. WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.

15. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERSECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY SHALL RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITIONS, AND IN CONFORMANCE WITH APPLICABLE CODES. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.

16. ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.

17. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS / MEANS FOR COMPLETION OF THE WORK DEPICTED NEITHER ON THESE PLANS, NOR FOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

18. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.

19. ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (OGL). ALL CONTRACTORS MUST HAVE THEIR OGL POLICIES ENDORSED TO NAME THOMAS ENGINEERING GROUP, AND ITS SUB-CONSULTANTS AS ADDITIONAL NAME INSURERS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THE HOLD HARMLESS AND INDEMNIFY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH THOMAS ENGINEERING GROUP WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEVAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS THOMAS ENGINEERING GROUP AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.

20. THOMAS ENGINEERING GROUP WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THOMAS ENGINEERING GROUP'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT THOMAS ENGINEERING GROUP HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. THOMAS ENGINEERING GROUP WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION IN WRITING, BY THE CONTRACTOR. THOMAS ENGINEERING GROUP WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

21. NEITHER THE PROFESSIONAL ACTIVITIES OF THOMAS ENGINEERING GROUP, NOR THE PRESENCE OF THOMAS ENGINEERING GROUP OR ITS EMPLOYEES AND SUB-CONSULTANTS AT A CONSTRUCTION / PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THOMAS ENGINEERING GROUP AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THOMAS ENGINEERING GROUP SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE NAMED AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.

22. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER FOR SUCH DEVIATIONS, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS RELATED TO SAME.

23. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE R.O.W. OR ON SITE. THE COST FOR THIS ITEM SHOULD BE INCLUDED IN THE CONTRACTOR'S PRICE.

24. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CORRECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.

25. CONTRACTOR SHALL CONFIRM ADA ACCESSIBILITY PRIOR TO INSTALLING FINISHING COURSES OF SIDEWALKS AND PARKING AREAS.

26. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A RECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.

27. ALL UTILITY EASEMENTS TO BE SECURED PRIOR TO CONSTRUCTION (IF REQUIRED) PRIOR TO CERTIFICATE OF OCCUPANCY. THESE EASEMENTS SHALL BE SKETCHED, DESCRIBED, AND RECORDED AT THE SOLE COST OF THE CONTRACTOR.

28. CONTRACTOR SHALL PROVIDE MINIMUM 48 HOUR NOTICE TO ENGINEER AND APPLICABLE AGENCIES FOR SCHEDULING INSPECTIONS.

29. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD AND CITY OF COCONUT CREEK FOR THE FOLLOWING: CATCH BASINS, FIRE HYDRANTS, VALVES, AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.

30. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY.

31. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH M.U.T.C.D. AND APPROVED BY CITY OF COCONUT CREEK AND BROWARD COUNTY WHERE APPLICABLE PRIOR TO IMPLEMENTATION.

32. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

33. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE THE BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION FROM CITY OF COCONUT CREEK.

34. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE, ALL RESTORED TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCY'S TRAFFIC ENGINEERING STANDARDS.

35. CONTRACTOR SHALL REMOVE ORGANICS AND/OR DELETERIOUS MATERIAL WHERE ENCOUNTERED AND REPLACE WITH SUITABLE FILL. ORGANICS MAY BE REUSED TO GRADE LANDSCAPE AREAS.

SANITARY SEWER NOTES:

A. GENERAL:

1. DISTANCE AND LENGTHS SHOWN ON PLANS SHALL BE MEASURED TO THE CENTER OF STRUCTURES.

B. MATERIALS:

1. ALL PVC SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLY(VINYL CHLORIDE) (PVC) PIPE CONFORMING TO ASTM D1689 OR ASTM D3035, WITH PUSH-ON RUBBER GASKET JOINTS. (24" SHALL BE DR-25)

2. DUCTILE IRON PIPE (DIP) SHALL BE CAST IRON PIPE WITH A COAL TAR EPOXY COATING, MANUFACTURED IN ACCORDANCE WITH ANSII/AWWA C111/A21.11-90 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING. GLOW CORPORATION MODEL NO. 1053 OR STANDARD PIPE PROTECTION EQUIPMENT COMPANY OR APPROVED EQUAL.

3. DRESSER COUPLINGS SHALL BE REGULAR GASKET COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.

4. FIRE HYDRANTS SHALL HAVE A 5 1/4" MAIN VALVE OPENING. PUMPER NOZZLE TO BE 18" FROM FINISH GRADE. ALL HYDRANTS TO BE INSTALLED WITH 18" FROM FINISH GRADE. FIRE HYDRANT SHALL COMPLY WITH ANSII/AWWA C502-85 (OR LATEST REVISION). HYDRANTS SHALL BE MUELLER CENTURION OR AMERICAN DARELING. BLUE REFLECTIVE PAVEMENT MARKER SHALL BE LOCATED IN CENTER OF NEAREST DRIVING LANE FOR FIRE HYDRANTS.

5. PIPE COLOR CODING REQUIREMENT SHALL CONFORM TO 62-955.320(21) (b) (3), F.A.C.

C. SERVICE CONNECTION:

1. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

2. CURB STOPS SHALL BE MUELLER OR APPROVED EQUAL.

3. METER STOPS SHALL BE 90° LOCK WING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSED BOTTOM DESIGN AND RESILIENT 'O' RING SEALED AGAINST EXTERNAL LEAKAGE AT THE TOP. METER STOP SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

4. SERVICE PIPING SHALL BE TYPE 'K' DRAWN COPPER.

D. TESTING:

1. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.

2. AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.

3. MANHOLE LEAKAGE TEST SHALL NOT EXCEED FOUR GALLONS PER DAY PER UNIT. NO VISIBLE LEAKAGE ALLOWED.

4. SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED AND ALL LINES SHALL BE T.V. INSPECTED.

5. SANITARY SEWER SHALL BE TELEVIEWED AND LAMPED AT 12 INCHES ABOVE THE MAIN COVER. THE GENERAL CONTRACTOR / OWNER / CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES PRIOR TO CERTIFICATION TO ANY AGENCY.

6. VISIBLE INFILTRATION LEAKAGE INTO MANHOLES AND SEWER PIPE SHALL NOT BE PERMITTED.

WATER DISTRIBUTION AND/OR SANITARY SEWER FORCE MAIN SYSTEM

A. GENERAL:

1. NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE INTO PRESSURE TESTS. FOR THE WATER AND SEWER FORCE MAINS, AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE CITY OF COCONUT CREEK UTILITY DEPARTMENT AND THE BROWARD COUNTY PUBLIC HEALTH UNIT.

2. BEDDING AND INITIAL BACKFILL FOR MAINS SHALL BE SAND WITH NO ROCKS LARGER THAN 1" IN DIAMETER.

3. USE "DETECTO" TAPE ON ALL PVC MAINS (18" ABOVE), AND USE "NON-DETECTO" TAPE ON ALL D.I.P. MAINS (18" ABOVE).

4. A SIX (6) FOOT HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATER MAINS AND OBSTRUCTIONS (I.E. CATCH BASINS, POWER POLES, INCLUDING TREES, & WATER MAINS, ETC.).

5. NO VALVES, METERS, FIRE HYDRANTS, CLEANOUTS, MANHOLES OR OTHER UTILITY APPURTENANCES ARE TO BE PLACED IN, OR ADJACENT TO, SIDEWALKS, CURBS, PARKING SPACES OR OTHER SUCH SITE FEATURES SO AS TO PRESENT A HAZARD OR RESTRICT THE MAINTENANCE OR OPERATION OF THE UTILITY INFRASTRUCTURE.

B. MATERIALS:

1. DUCTILE IRON PIPE (DIP) SHALL BE CLASS 52 UP TO 12" SIZE AND CLASS 51 FOR 14" AND LARGER WITH INTERIOR CEMENT LINING AND BITUMINOUS COATED OUTSIDE. WATER MAIN & EPOXY LINED & COATED FORCE MAIN MANUFACTURED IN ACCORDANCE WITH ANSII/AWWA C151/A21.51-91 OR LATEST REVISION. THE PIPE SHALL WITHSTAND A WORKING PRESSURE OF 350 PSI. THE JOINTS SHALL BE BELL AND SPIGOT PUSH-ON TYPE UNLESS OTHERWISE NOTED ON THE PLANS.

2. ALL PVC MAINS SHALL BE SERIES 1120, CLASS 150 (DR 18) PREPARED IN ACCORDANCE WITH ANSII/AWWA C900-89 OR LATEST REVISION, AND SHALL HAVE PUSH-ON JOINTS, AND IRON PIPE O.D. (PVC ON-SITE ONLY).

3. FITTINGS FOR MAINS 4" AND LARGER SHALL BE DUCTILE IRON MECHANICAL JOINT CONFORMING TO ANSII/AWWA C110/A21.10-93 OR LATEST REVISION, COMPLETE WITH GLANDS, GASKETS, BOLTS AND NUTS. ALL FITTING LINED AND SEAL COATED WITH THE SAME MATERIALS AS THE PIPE & USE MEGALUG SERIES 1100 RESTRAINED JOINT ADAPTERS.

4. VALVES SHALL BE GATE VALVES, IRON BODY, FULLY RESILIENT SEAT BRONZED MOUNTED NON-RISING STEM, RATED AT 200 PSI AND CONFORMING TO ANSII/AWWA C509-87 OR LATEST REVISION, AND SHALL HAVE MECHANICAL JOINTS.

5. GATE VALVES 4" AND LARGER SHALL BE MUELLER A-2369-20, RESILIENT SEATED GATE VALVES SHALL BE AMERICAN 500/2500 LINE OR CLOW F-6100, CONFORMING TO ANSII/AWWA C509-87.

6. TAPPING VALVES SHALL BE MUELLER H667 OR APPROVED EQUAL.

7. GATE VALVES 3" OR LESS SHALL BE NIBCO T-133 OR T-136 WITH MALLEABLE HAND WHEELS. NO SUBSTITUTIONS ALLOWED.

8. TAPPING SLEEVES SHALL BE MUELLER H615 OR APPROVED EQUAL PER CITY OF COCONUT CREEK.

9. VALVE BOXES SHALL BE TYLER/UNION 461-S OR APPROVED EQUAL, PER CITY OF COCONUT CREEK.

10. RETAINER GLANDS SHALL CONFORM TO ANSII/AWWA C111/A21.11-90 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING. GLOW CORPORATION MODEL NO. 1053 OR STANDARD PIPE PROTECTION EQUIPMENT COMPANY OR APPROVED EQUAL.

11. DRESSER COUPLINGS SHALL BE REGULAR GASKET COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.

12. FIRE HYDRANTS SHALL HAVE A 5 1/4" MAIN VALVE OPENING. PUMPER NOZZLE TO BE 18" FROM FINISH GRADE. ALL HYDRANTS TO BE INSTALLED WITH 18" FROM FINISH GRADE. FIRE HYDRANT SHALL COMPLY WITH ANSII/AWWA C502-85 (OR LATEST REVISION). HYDRANTS SHALL BE MUELLER CENTURION OR AMERICAN DARELING. BLUE REFLECTIVE PAVEMENT MARKER SHALL BE LOCATED IN CENTER OF NEAREST DRIVING LANE FOR FIRE HYDRANTS.

13. PIPE COLOR CODING REQUIREMENT SHALL CONFORM TO 62-955.320(21) (b) (3), F.A.C.

C. SERVICE CONNECTION:

1. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

2. CURB STOPS SHALL BE MUELLER OR APPROVED EQUAL.

3. METER STOPS SHALL BE 90° LOCK WING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSED BOTTOM DESIGN AND RESILIENT 'O' RING SEALED AGAINST EXTERNAL LEAKAGE AT THE TOP. METER STOP SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

4. SERVICE PIPING SHALL BE TYPE 'K' DRAWN COPPER.

D. INSTALLATION:

1. GENERAL:

a. CONNECTION OF ALL NEW SYSTEMS TO EXISTING MAINS SHALL BE DONE BY USING ONE OF THE FOLLOWING METHODS:

a. METHOD A PER BROWARD COUNTY PUBLIC HEALTH UNIT STANDARDS, WHICH INVOLVES A REDUCED SIZE TEMPORARY CONNECTION BETWEEN THE EXISTING MAIN AND THE NEW ONE.

b. METHOD B PER BROWARD COUNTY PUBLIC HEALTH UNIT STANDARDS, WHICH INVOLVES A DIRECT CONNECTION BETWEEN THE NEW AND EXISTING MAINS USING TWO GATE VALVES SEPARATED BY A SLEEVE WITH A VENT PIPE.

c. METHOD C APPROVED BY THE BROWARD COUNTY PUBLIC HEALTH UNIT, WHICH INVOLVES A TAP WITH ONE GATE VALVE REQUIRING DISINTEGRATION OF THE NEW SYSTEM PRIOR TO CONDUCTING THE PRESSURE TEST.

2. BEDDING:

BEDDING AND INITIAL BACKFILL (12 INCHES ABOVE PIPE) FOR 4" PIPE SHALL BE SAND WITH NO ROCK LARGER THAN 1/2" IN DIAMETER. PEA ROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS AT THE DISCRETION OF THE CITY OF COCONUT CREEK. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.

A. GENERAL:

1. CATCH BASIN GRATES AND RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

2. DISTANCES AND LENGTHS SHOWN ON PLANS REFERENCE THE CENTER OF STRUCTURES.

3. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE GRADING ADJACENT TO BUILDINGS COMPLY WITH FBC SECTION 1804.3 AND PROVIDE POSITIVE DRAINAGE FLOW TO THE SITE DRAINAGE SYSTEM. CONTRACTOR SHALL INSTRUCT SUB-CONTRACTORS (SITE, LANDSCAPE, ETC.) OF THE SAME. SHALLOW SWALES MAY BE NEEDED IN CERTAIN INSTANCES.

B. MATERIALS:

1. ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M - 294 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING.

2. ALL YARD DRAIN BASINS ARE TO BE HIGH DENSITY POLYETHYLENE PRODUCT AND SHALL MEET THE ABOVE LISTED STANDARDS.

3. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AND SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATION C-478 AND 644 UNLESS OTHERWISE NOTED IN THE PLANS. ALL STRUCTURES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE ENGINEER. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF fcs-3750 PSI AT 28 DAYS.

C. INSTALLATION:

1. PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN INCLUSIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.

2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.

3. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL NOTIFY CITY OF COCONUT CREEK ENGINEERING DEPARTMENT / DOT AND THE ENGINEER OF RECORD AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

D. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.

E. COVER OVER SERVICE LINES SHALL BE 18" MINIMUM, 36" MAXIMUM BELOW FINISHED GRADE AND 18" UNDER PAVEMENT.

F. SERVICES UP TO 2" SHALL BE TYPE "K" COPPER PER CITY OF COCONUT CREEK.

G. METER STOPS SHALL HAVE 8" TO 10" COVER AS REQUIRED FOR PROPER METER/BOX INSTALLATION.

H. WATER SERVICES UNDER PAVEMENT SHALL BE ENCASED IN A SCHEDULE 80 PVC SLEEVE FOR THE FULL LENGTH OF THE PAVEMENT AND FOR 2' BEYOND THE EDGE. SLEEVE DIAMETER SHALL BE TWICE THE DIAMETER OF THE SERVICE PIPE.

I. THE END OF EACH SERVICE CONNECTION SHALL BE MARKED WITH A 2"x4" TREATED STAKE, PAINTED BLUE EXTENDING 18" (MINIMUM) ABOVE GRADE UNLESS INDICATED OTHERWISE.

J. BEFORE ANY PHYSICAL CONNECTIONS TO THE EXISTING WATER MAINS ARE MADE, THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED TO THE DESIGN PRESSURE. PRESSURE TEST OF NEW MAINS SHALL BE PERFORMED AT A MINIMUM STARTING PRESSURE OF 150 PSI FOR TWO HOURS IN ACCORDANCE WITH ANSII/AWWA C151/A21.51-91 OR LATEST REVISION. THE PRESSURE TEST SHALL NOT VARY MORE THAN ± 5 P.S.I. DURING THE TEST.

K. THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY OF COCONUT CREEK AND THE ENGINEER OF RECORD.

L. BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ANSII/AWWA C651-05; 150 PSI MINIMUM STARTING TEST PRESSURE, WITH BACTERIOLOGICAL SAMPLES APPROVED BY THE BROWARD COUNTY PUBLIC HEALTH UNIT.

M. SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS IF NOT SPECIFIED. SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 1000' MAXIMUM FOR LINES GREATER THAN 1500' IN LENGTH. PROVIDE A MINIMUM OF TWO SAMPLING POINTS FOR ALL OTHER TEST SEGMENTS. SAMPLE POINTS MUST BE APPROVED BY BROWARD COUNTY PUBLIC HEALTH DEPARTMENT.

N. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

$$L = \frac{SD}{148000} \times 0.05$$

IN WHICH:
L EQUALS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S EQUALS LENGTH OF PIPE (LINEAR FEET).
D EQUALS NOMINAL DIAMETER OF PIPE (INCHES) AND
P EQUALS THE MINIMUM TEST PRESSURE (POUNDS PER SQUARE INCH).

O. TAPPING SLEEVES SHALL BE MUELLER H615 OR APPROVED EQUAL PER CITY OF COCONUT CREEK.

P. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.

Q. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE S-I & S-II ASPHALTIC CONCRETE OR THE LATEST REVISION.

R. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF 6 INCHES BETWEEN THE BOTTOM OF THE WATER MAIN AND THE TOP OF THE WASTEWATER MAIN WHENEVER POSSIBLE.

S. WHERE SANITARY SEWERS, STORM SEWERS, OR FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.

T. ALL CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIVALENT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

U. WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE CONSTRUCTED OVER THE EXISTING PIPE. THE CROSSING SHALL BE ARRANGED TO MEET THE REQUIREMENTS ABOVE.

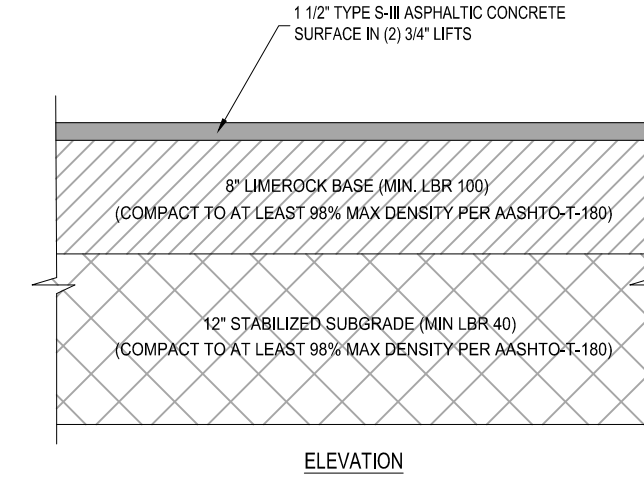
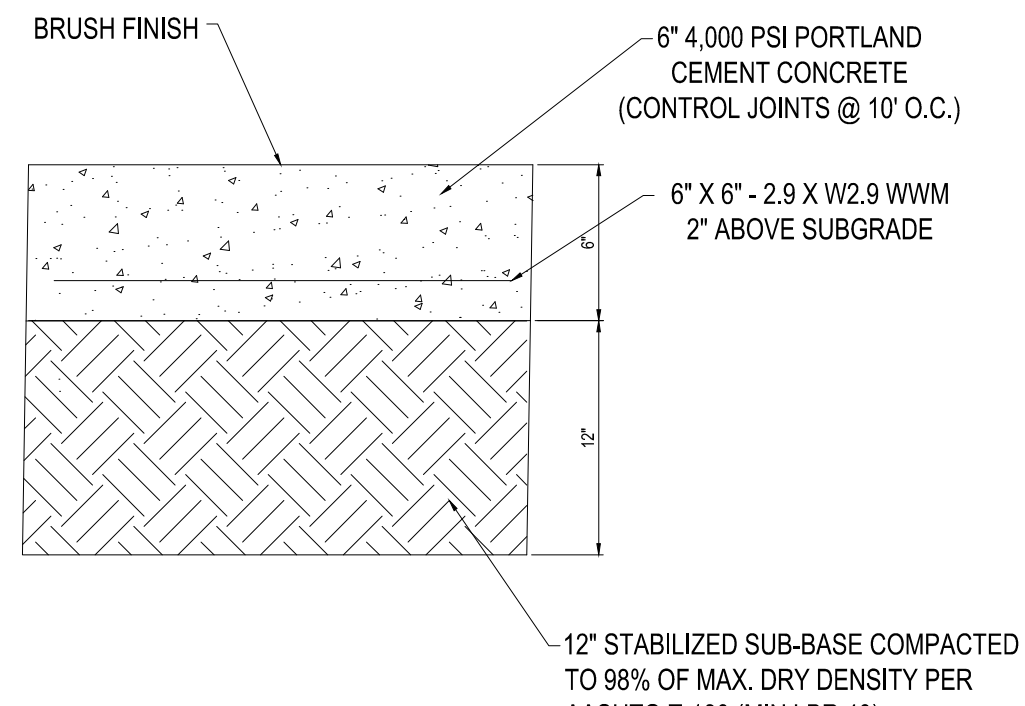
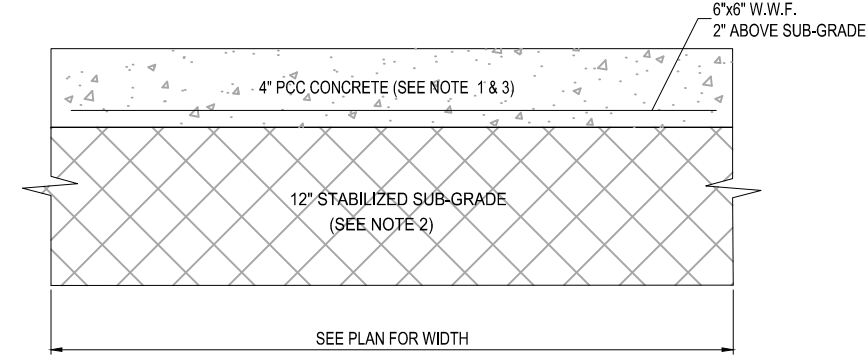
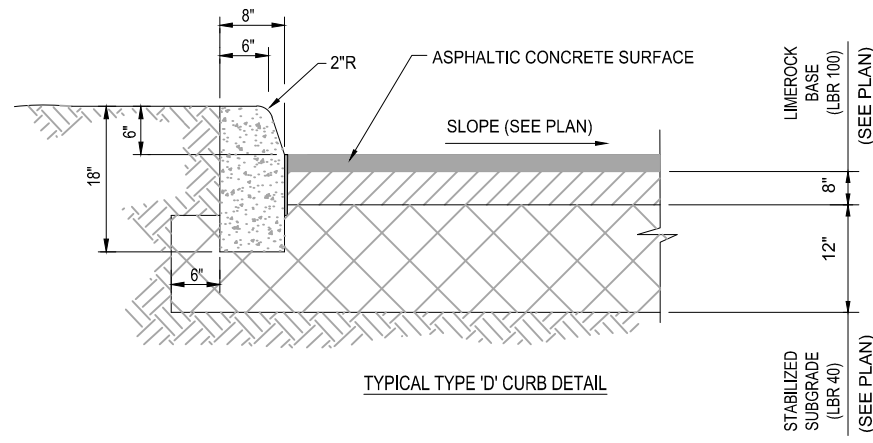
V. A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

W. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE SEWER MAIN SHALL BE IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SLOPE LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE TOP OF THE WATER IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.

X. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF PVC WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (TAGGED JOINTS).

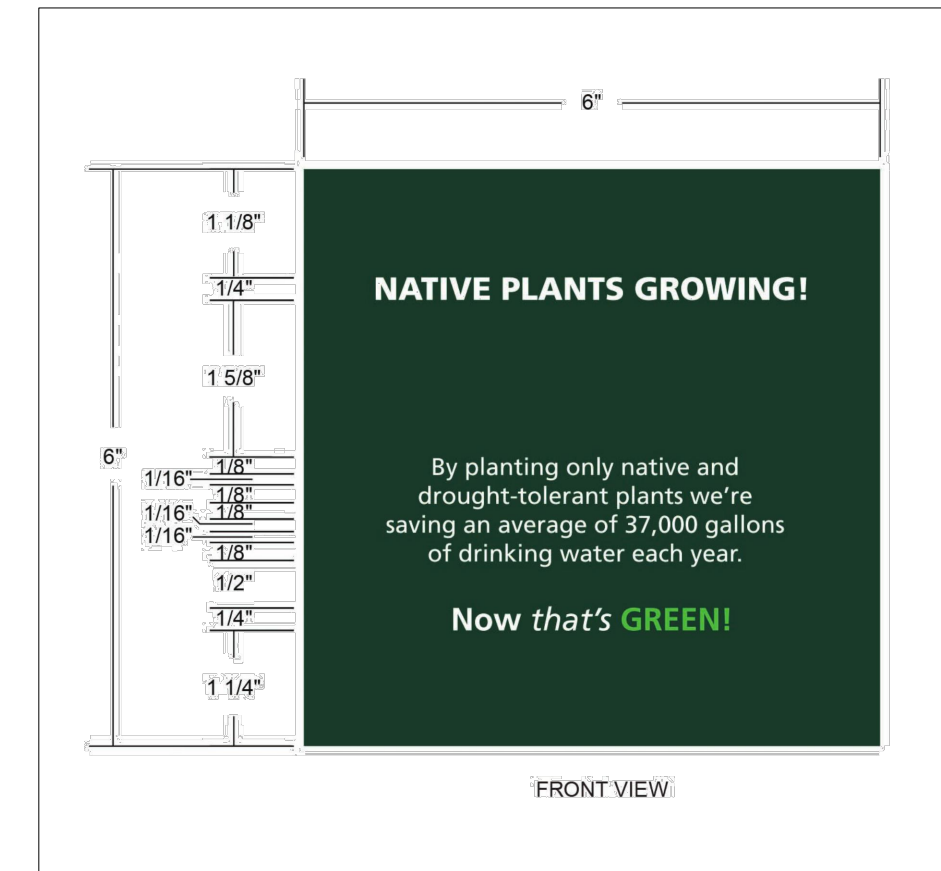
Y. A MINIMUM 6-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND ALL OBSTRUCTIONS INCLUDING TREES.

Z. ALL DIP SHALL BE CLASS 50 OR HIGHER. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY THE ENGINEER.



- NOTES:
- SIDEWALK SHALL BE 4" THICK EXCEPT IN DRIVEWAYS WHERE THE THICKNESS SHALL BE 6".
 - SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180. SUBGRADE SHALL BE 12" THICK WITH A MIN. LBR 40.
 - CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.
 - SIDEWALK REMOVAL & REPLACEMENTS TO CONSIST OF FULL FLAGS.
 - PROVIDE EXPANSION JOINT (TYPE 'A') AT CONNECTIONS BETWEEN NEW AND EXISTING SIDEWALK.
 - PROVIDE FIBEROUS JOINTS 20' O.C.

NOTE: PAVING SECTION TO BE VERIFIED BY A PROFESSIONAL GEOTECHNICAL ENGINEER.

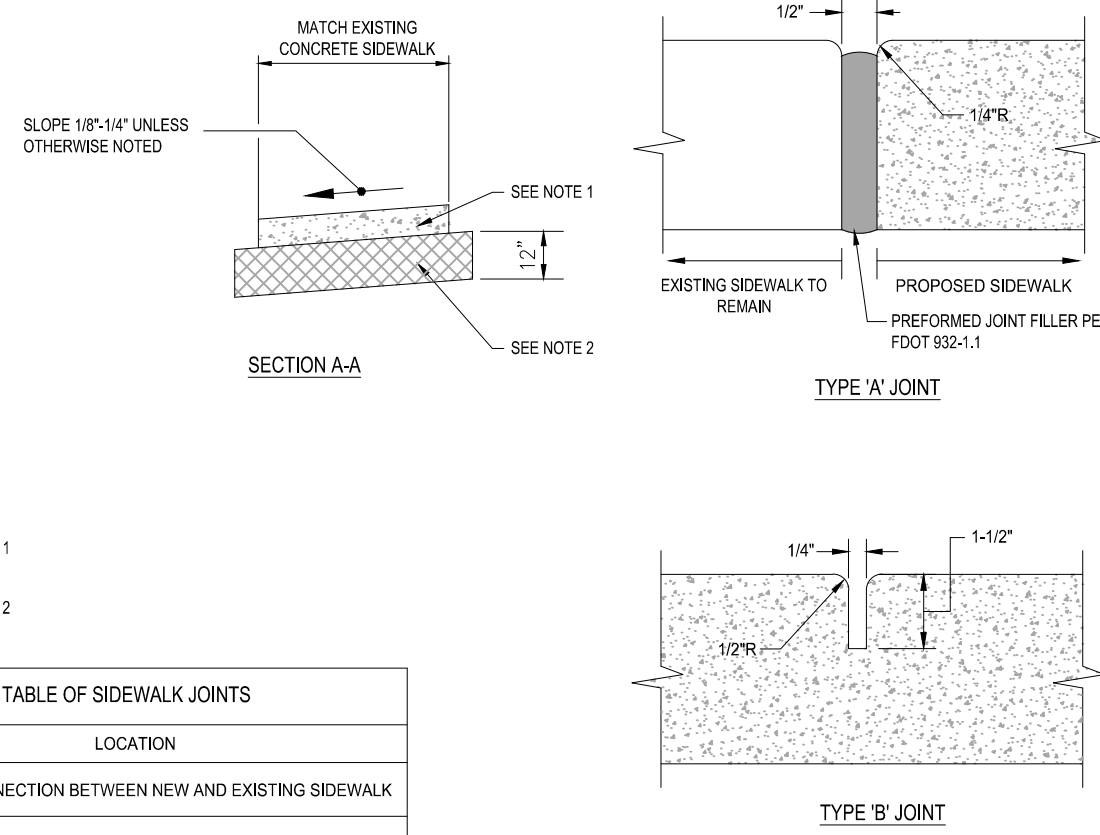
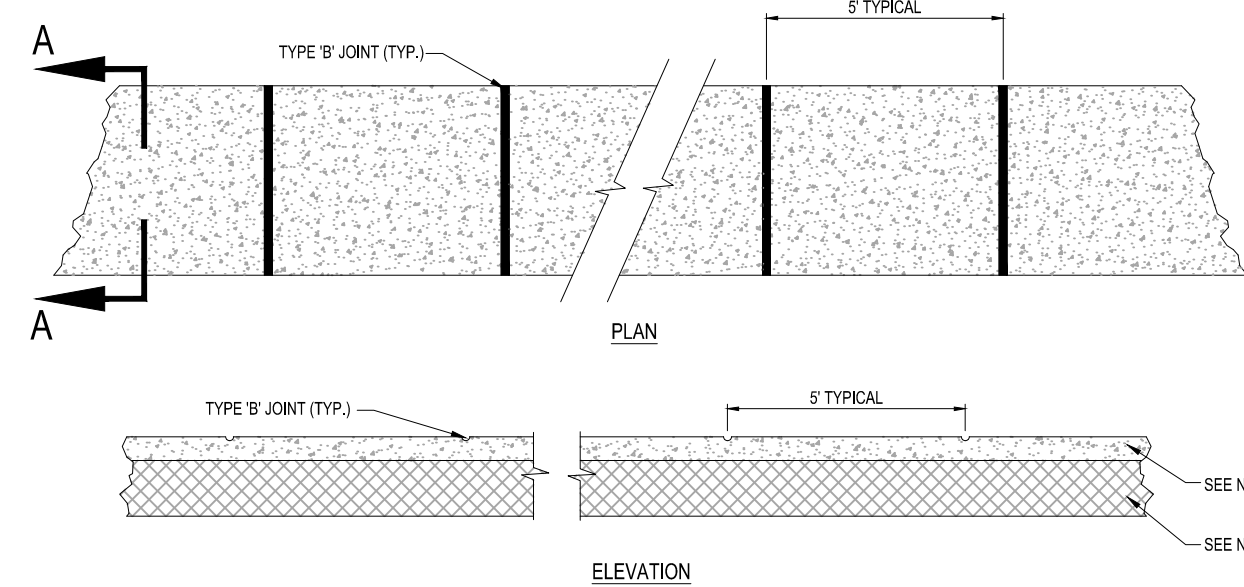


1 TYPE 'D' CURB DETAIL
SCALE: NONE

2 TYPICAL CONCRETE SIDEWALK SECTION
SCALE: NONE

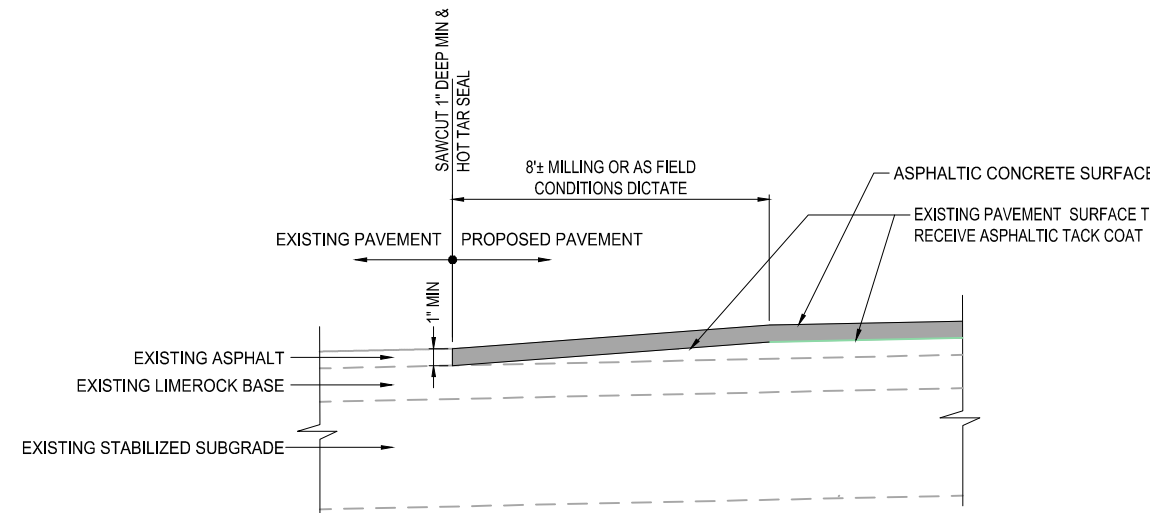
3 CONCRETE PAVEMENT SECTION
SCALE: NONE

4 ASPHALTIC CONCRETE PAVEMENT DETAIL
SCALE: NONE



- NOTES:
- SIDEWALK SHALL BE 4" THICK EXCEPT IN DRIVEWAYS WHERE THE THICKNESS SHALL BE 6".
 - SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180. (1" THICKNESS)
 - CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.
 - SIDEWALK REMOVAL & REPLACEMENTS TO CONSIST OF FULL FLAGS.
 - PROVIDE EXPANSION JOINT (TYPE 'A') AT CONNECTIONS BETWEEN NEW AND EXISTING SIDEWALK.

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	AT CONNECTION BETWEEN NEW AND EXISTING SIDEWALK
'B'	5 FEET CENTER TO CENTER ON SIDEWALKS.



LANDSCAPE FORMS - CHASE PARK
COLOR: METALIC BRONZE;
BENCH WITH CENTER ARMS;



LANDSCAPE FORMS - CHASE PARK
COLOR: METALIC BRONZE;
COMBINED TRASH/RECYCLING, LABELS, SIDE AND TOP OPENINGS.

FABRICATION NOTES
• 1.125" ALUMINUM PANEL TO BE PAINTED TO MATTHEWS PANTONE MATCH 5535 "FOREST GREEN" WITH OPAQUE 180-5732 3M SCOTCHCAL TD GREEN AND OPAQUE 7725-10 3M SCOTCHCAL WHITE VINYL GRAPHICS APPLIED TO 1ST SURFACE.
• TO BE MOUNTED USING PLANT STAKES 12"-18" ABOVE GRADE.

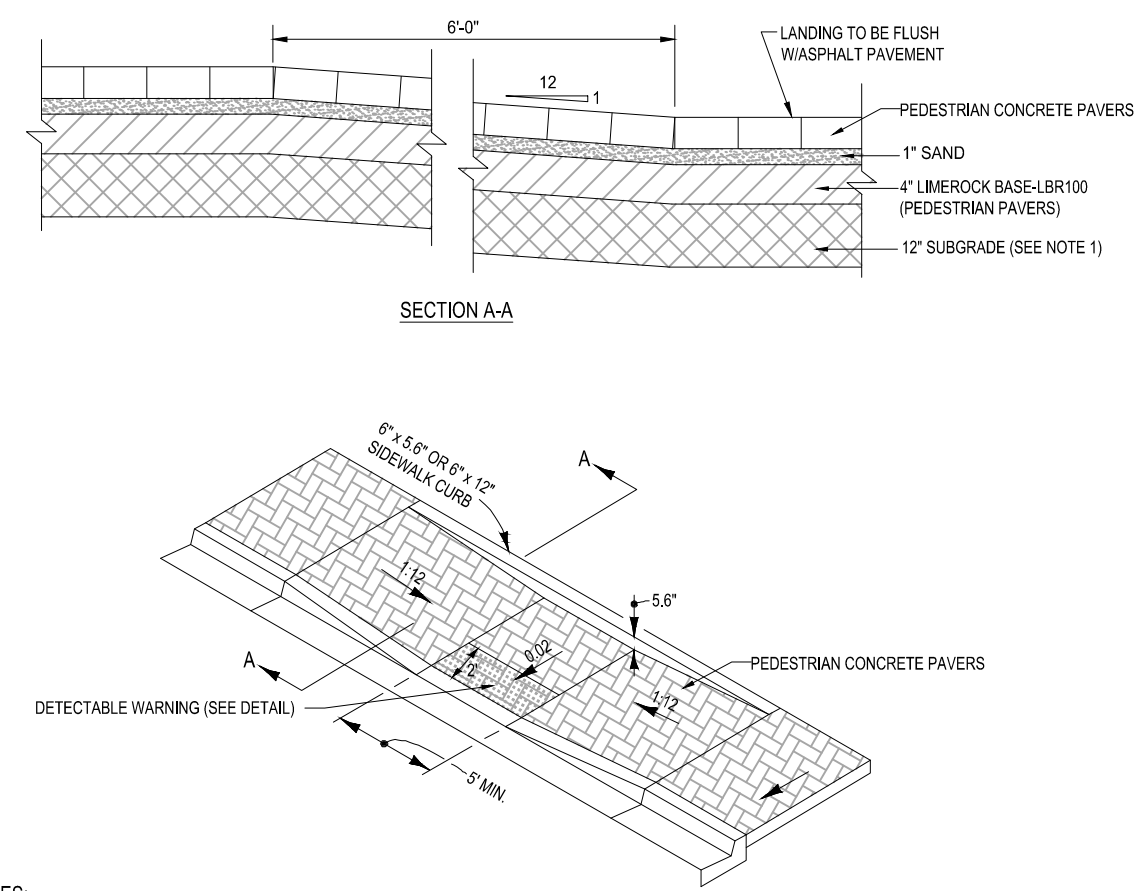
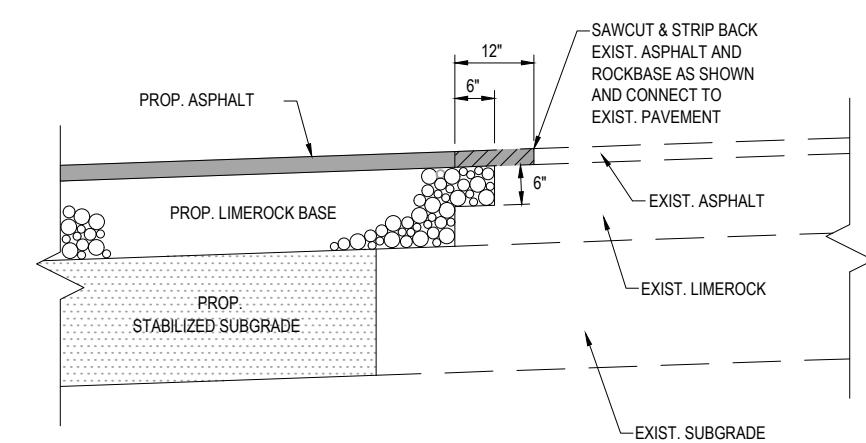
COLOR SCHEDULE

a	180-5732 3M Scotchcal TD Green Vinyl
b	Matthews Pantone match 5535 "Forest Green"
c	7725-10 3M Scotchcal White Vinyl

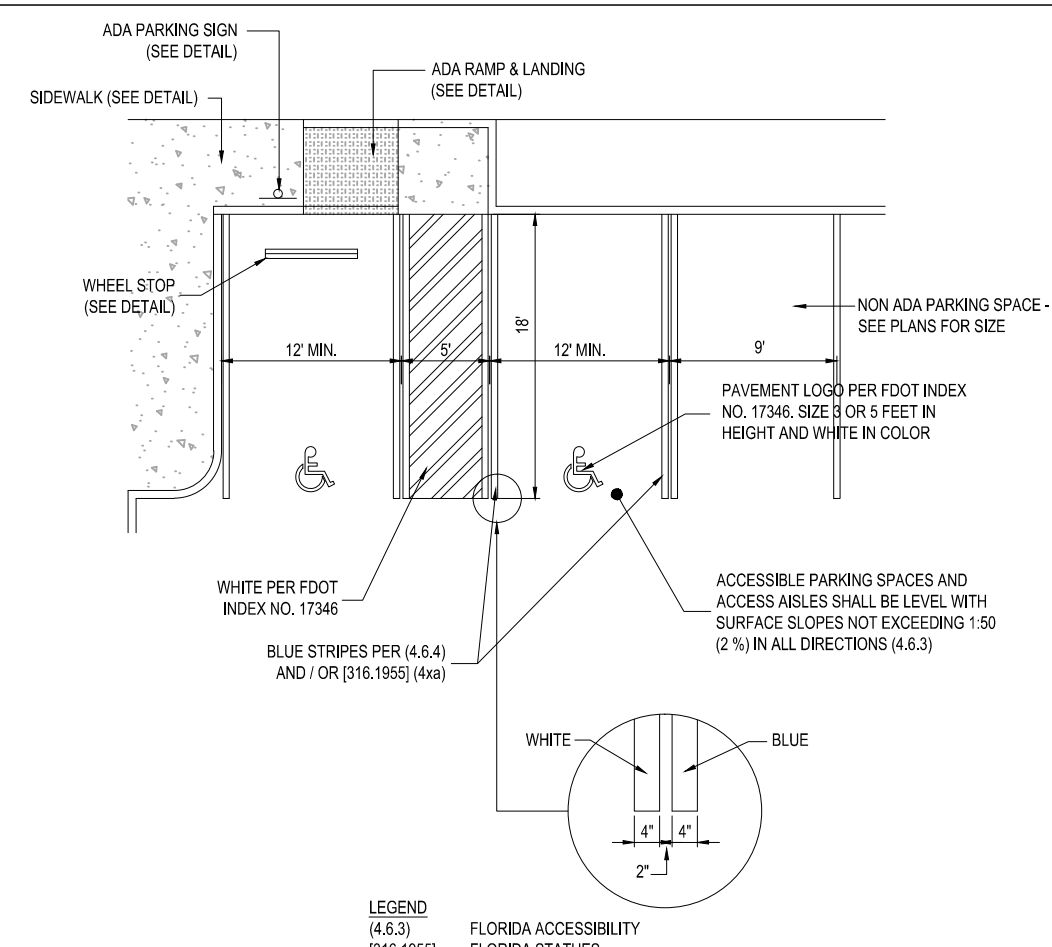
5 SIDEWALK DETAILS
SCALE: NONE

6 PAVEMENT SAWCUT/MILLING DETAIL
SCALE: NONE

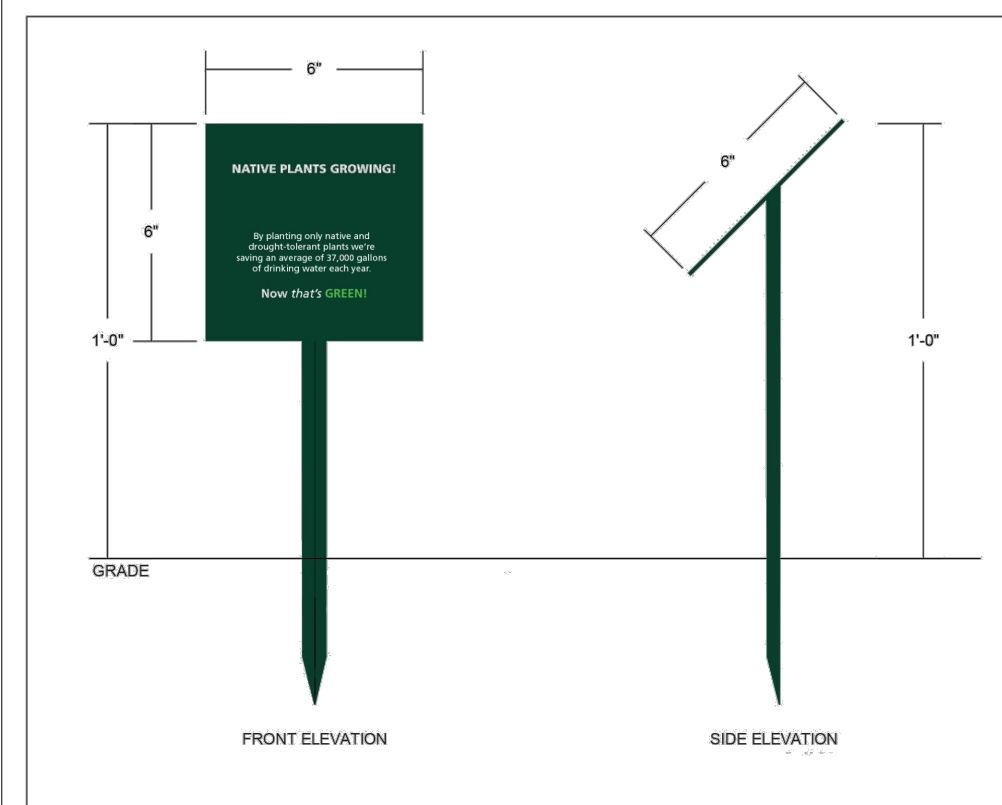
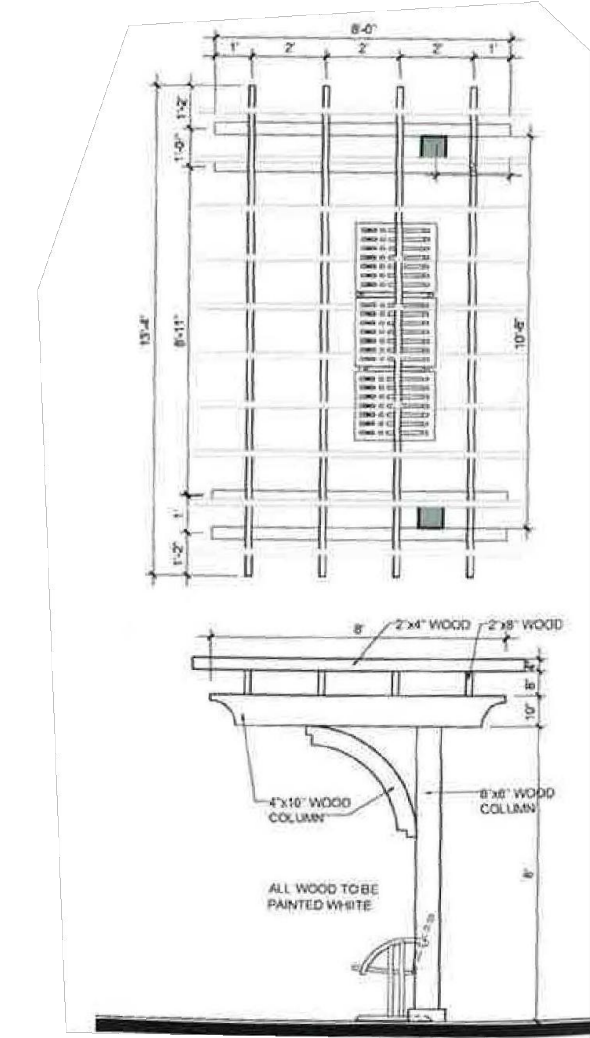
7 SITE FURNISHINGS
SCALE: NONE



- NOTES:
- SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180.



LEGEND (4.6.3) (316.1955) FLORIDA ACCESSIBILITY FLORIDA STATUTES



8 CONNECTION TO EXISTING PAVEMENT DETAIL
SCALE: NONE

9 ADA PAVERS SIDEWALK RAMP DETAIL - FDOT
SCALE: NONE

10 ACCESSIBLE PARKING SPACE - ADA COMPLIANT
SCALE: NONE

11 SHELTER/TRELLIS
SCALE: NONE

THOMAS
ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

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TAMPA, FLORIDA 33609

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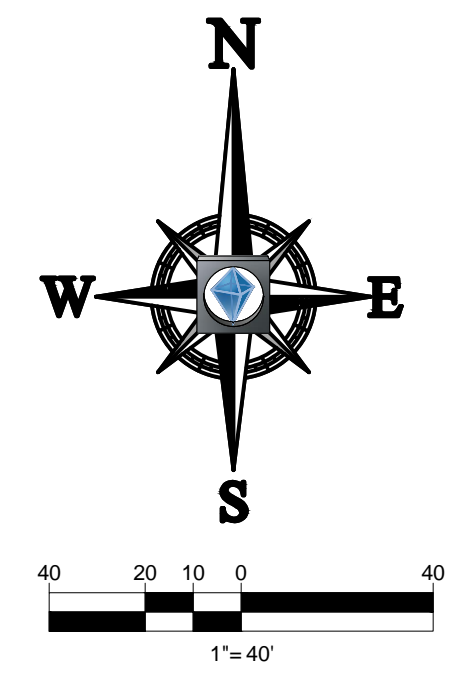
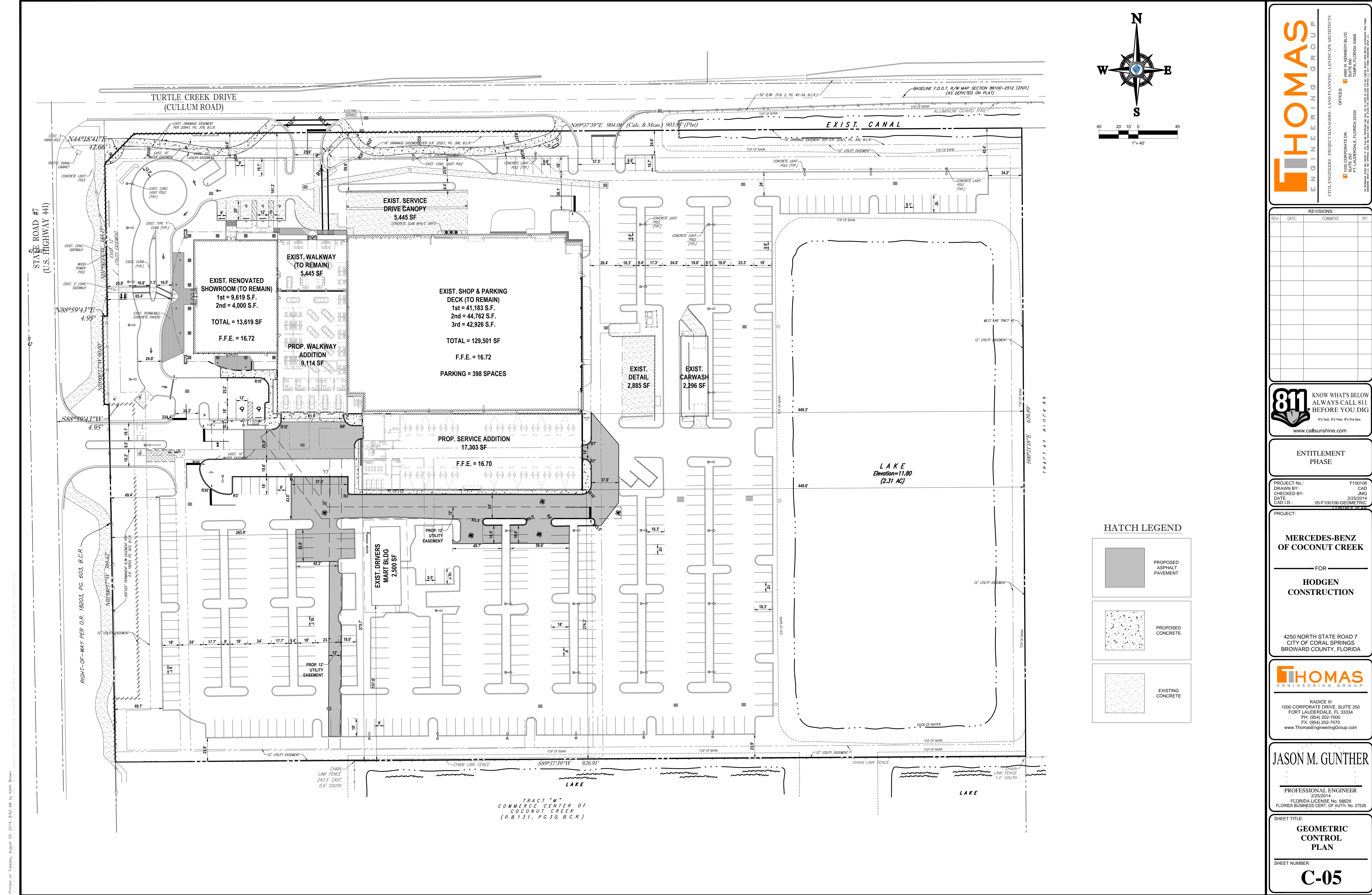
PROJECT:
MERCEDES-BENZ OF COCONUT CREEK
FOR
HODGEN CONSTRUCTION
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JASON M. GUNTHER
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FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
SITE DETAILS
SHEET NUMBER:
C-04



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CAD I.D.:	05-F100106-GEOMETRIC CONTROL PLAN

PROJECT:

MERCEDES-BENZ OF COCONUT CREEK

FOR

HODGEN CONSTRUCTION

4250 NORTH STATE ROAD 7
CITY OF CORAL SPRINGS
BROWARD COUNTY, FLORIDA

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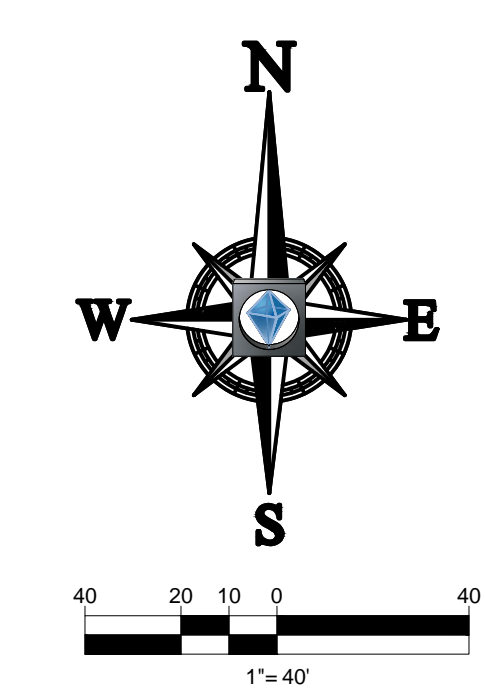
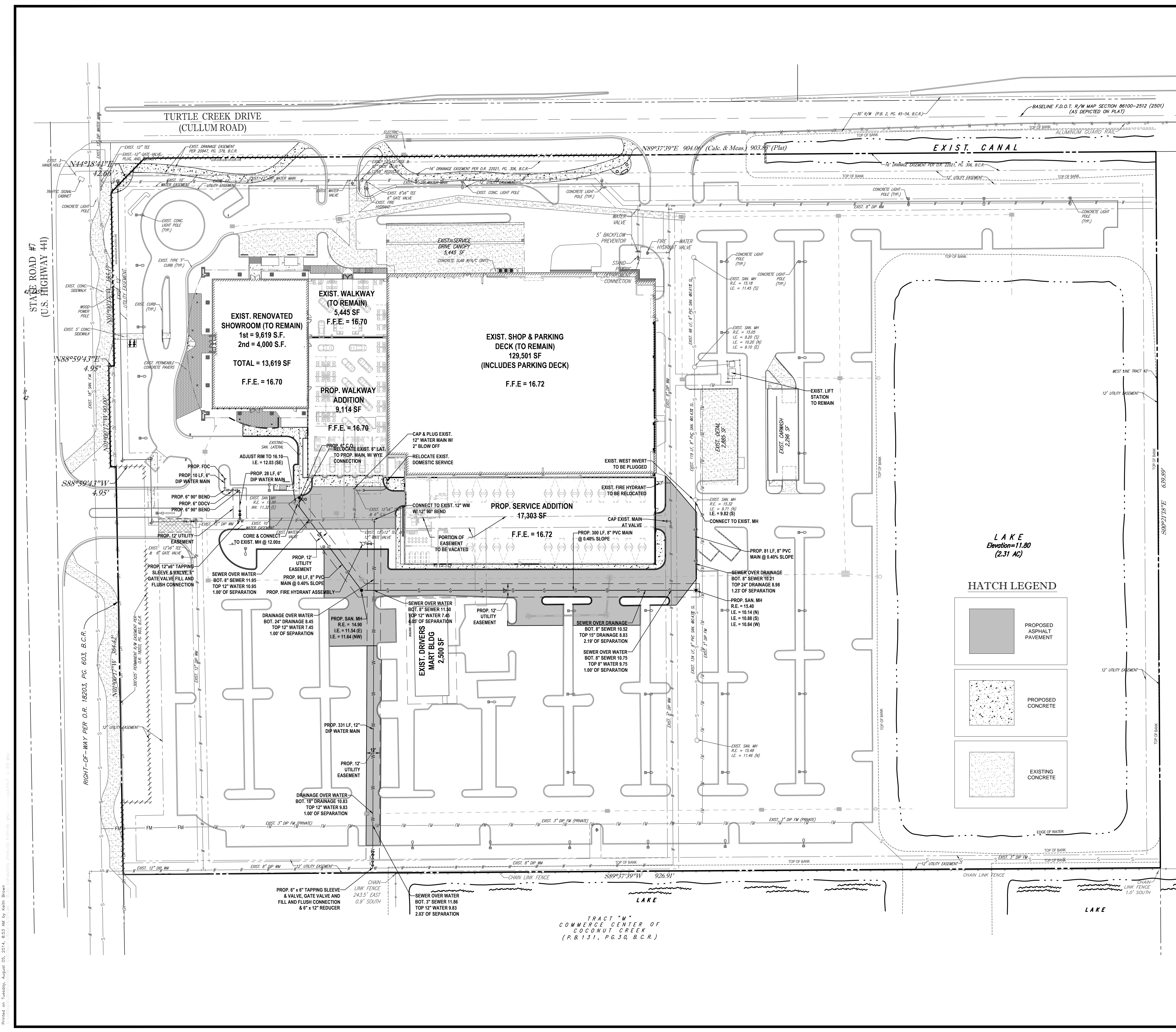
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2/25/2014
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FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
GEOMETRIC CONTROL PLAN

SHEET NUMBER:
C-05

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UTILITIES PLAN LEGEND

EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
	UNDERGROUND WATER LINE	— W —
	UNDERGROUND ELECTRIC LINE	— E —
	UNDERGROUND GAS LINE	— G —
	STORM SEWER	— S —
	SANITARY SEWER MAIN	— S —
	HYDRANT	+
	SANITARY MANHOLE	○
	STORM MANHOLE	○
	CATCH BASIN	○
	WATER METER	○
	CLEAN OUT	○
	FIRE DEPARTMENT CONNECTION	○
	EASEMENT LINE	—

HATCH LEGEND

	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONCRETE
	EXISTING CONCRETE

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FOR
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2/25/2014
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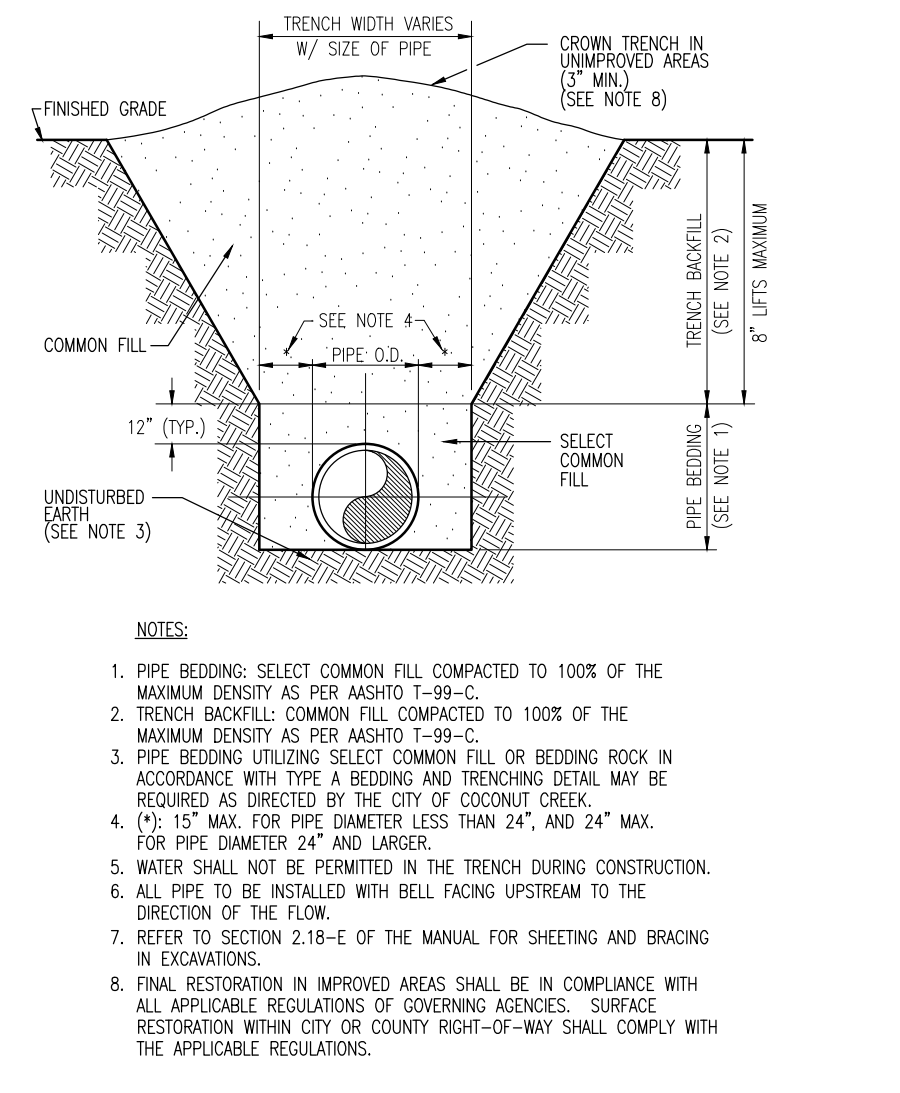
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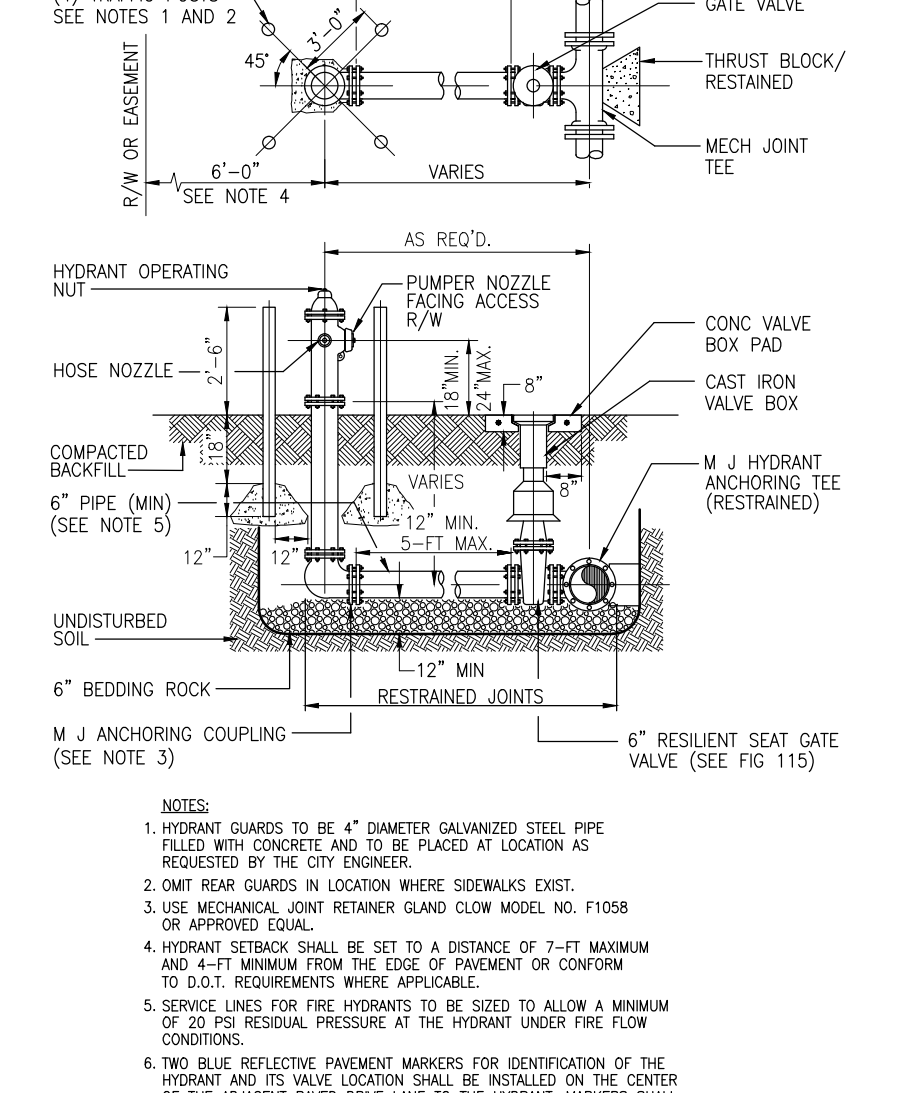
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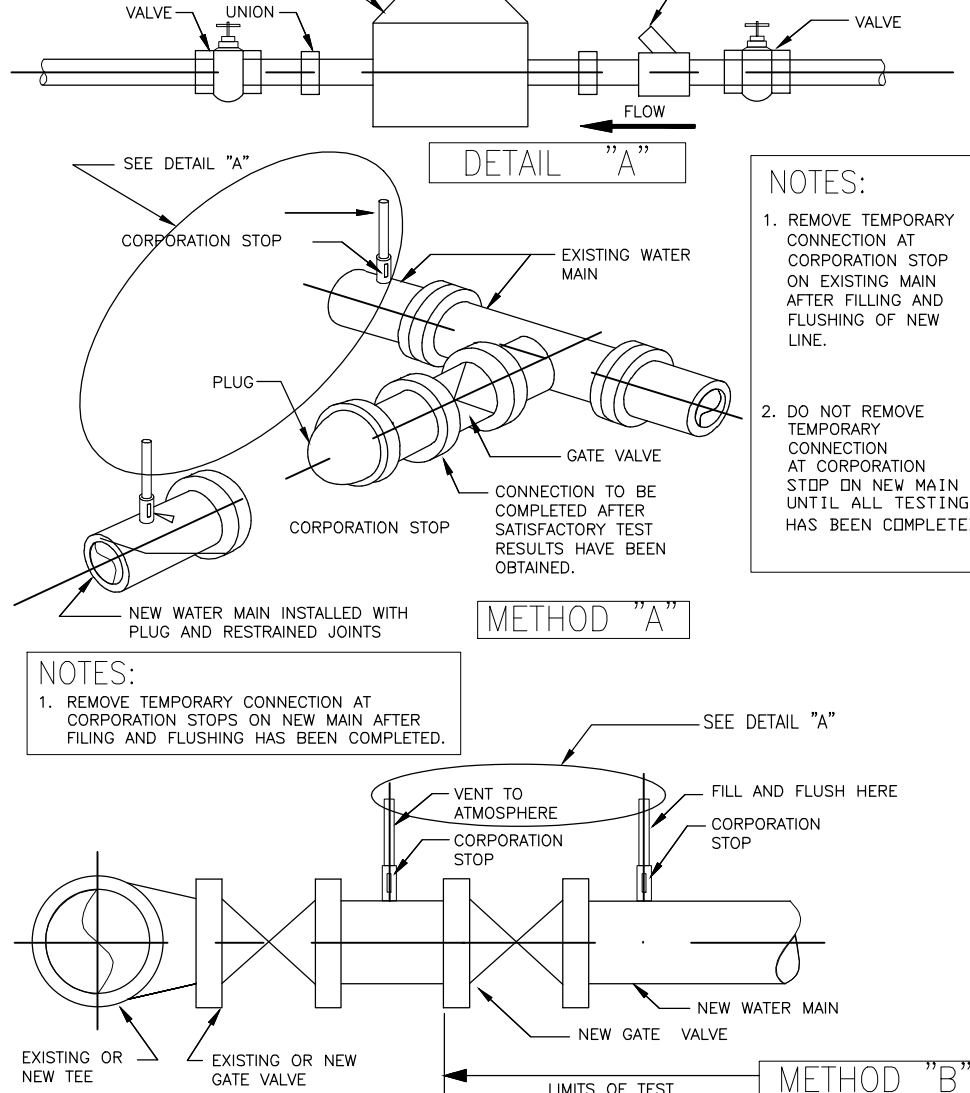
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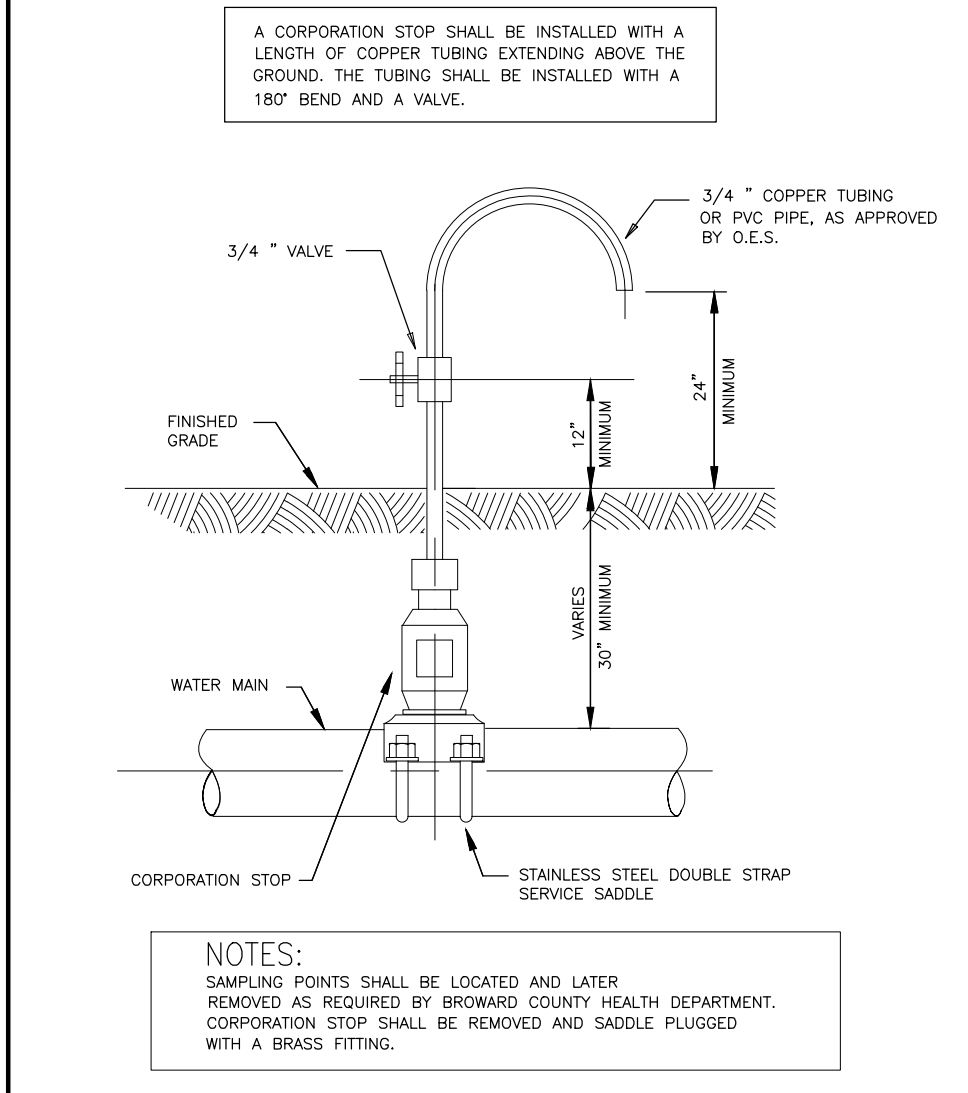
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Date	Revisions	Appr. G2	Date	Scale	Page
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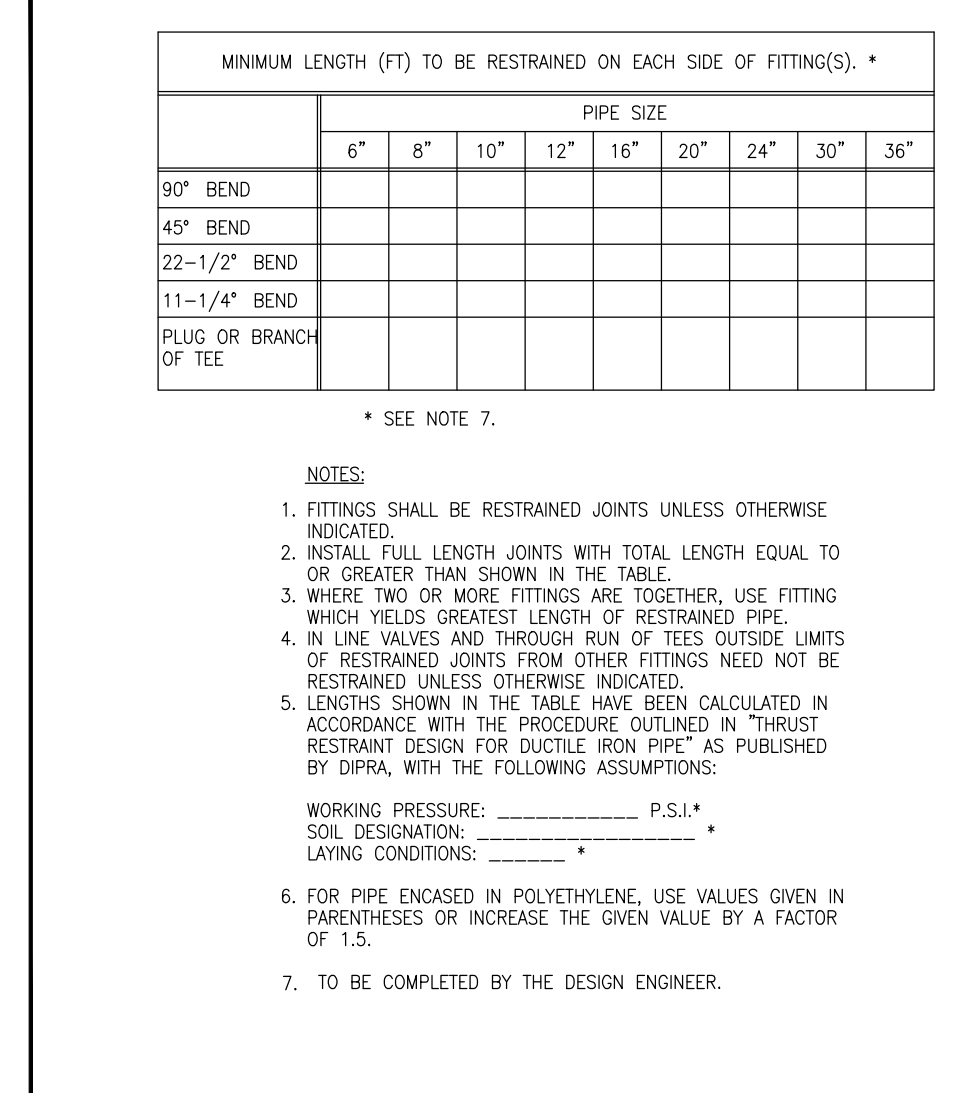
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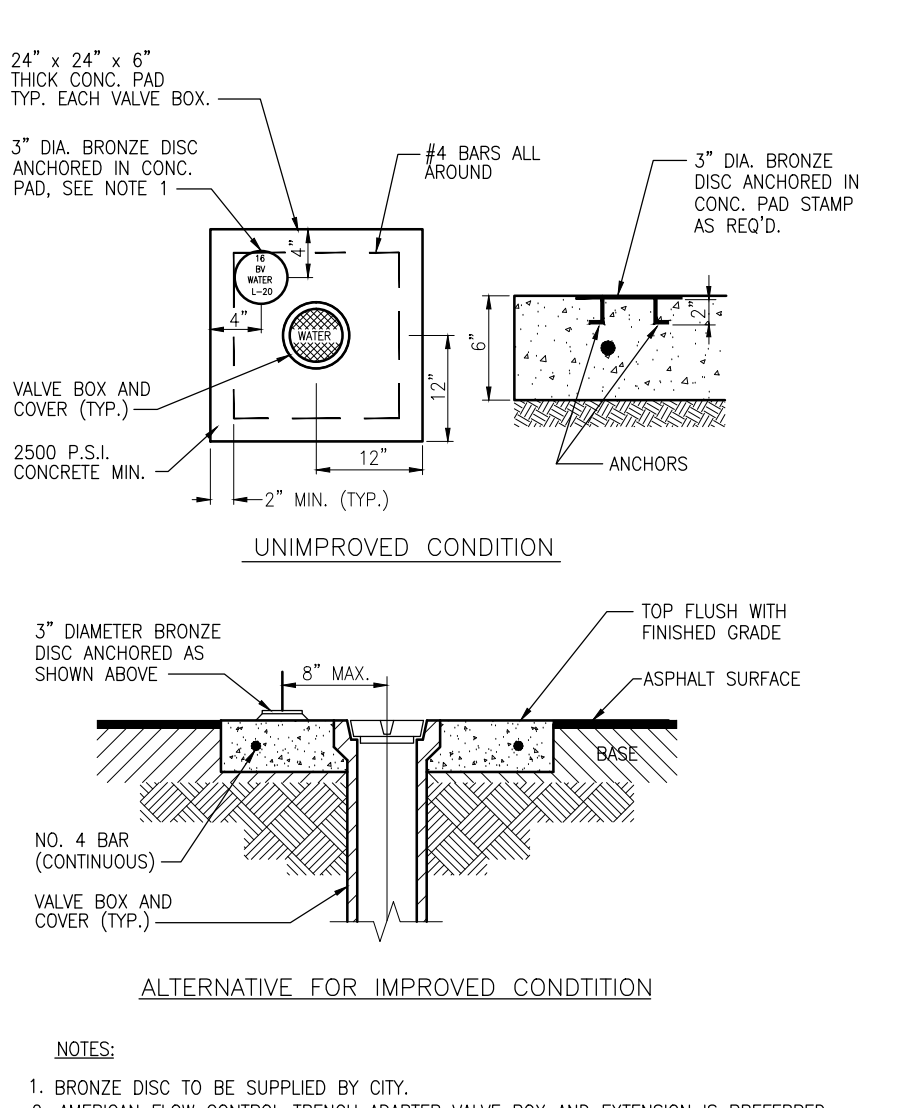
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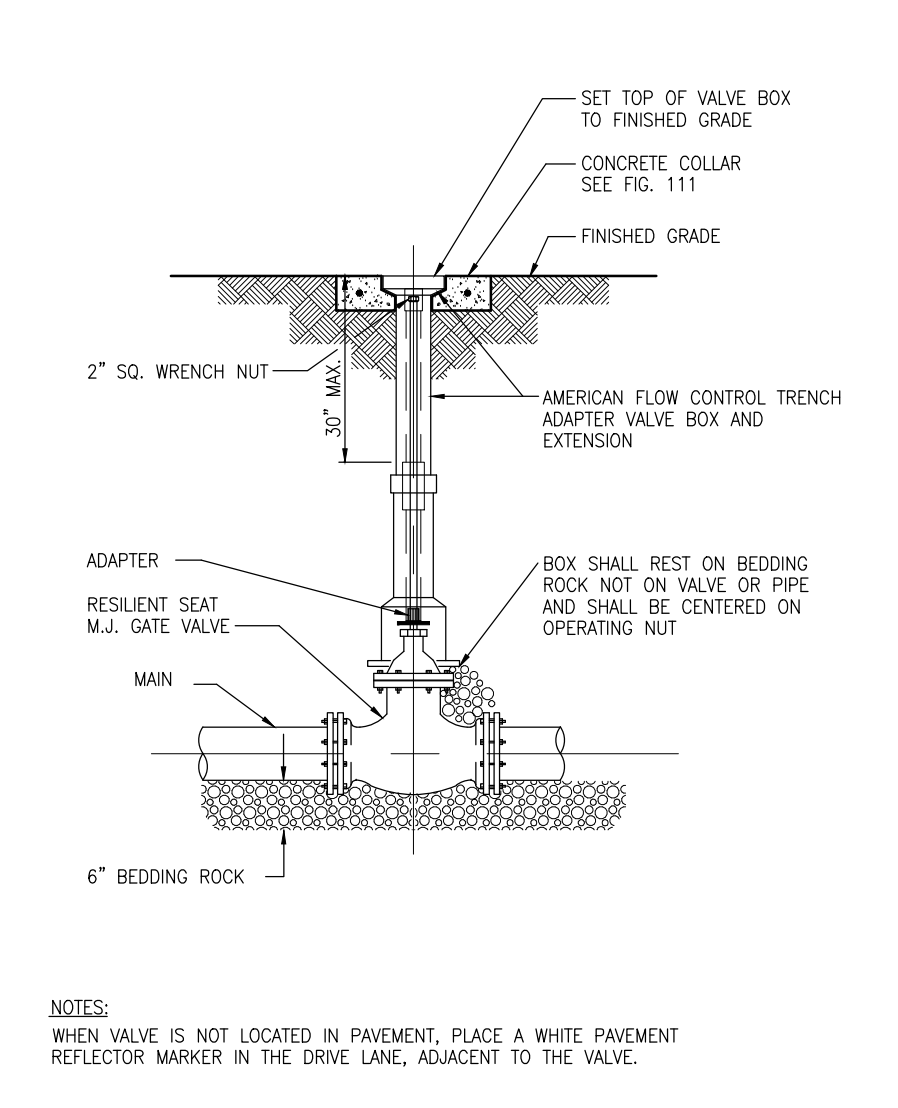
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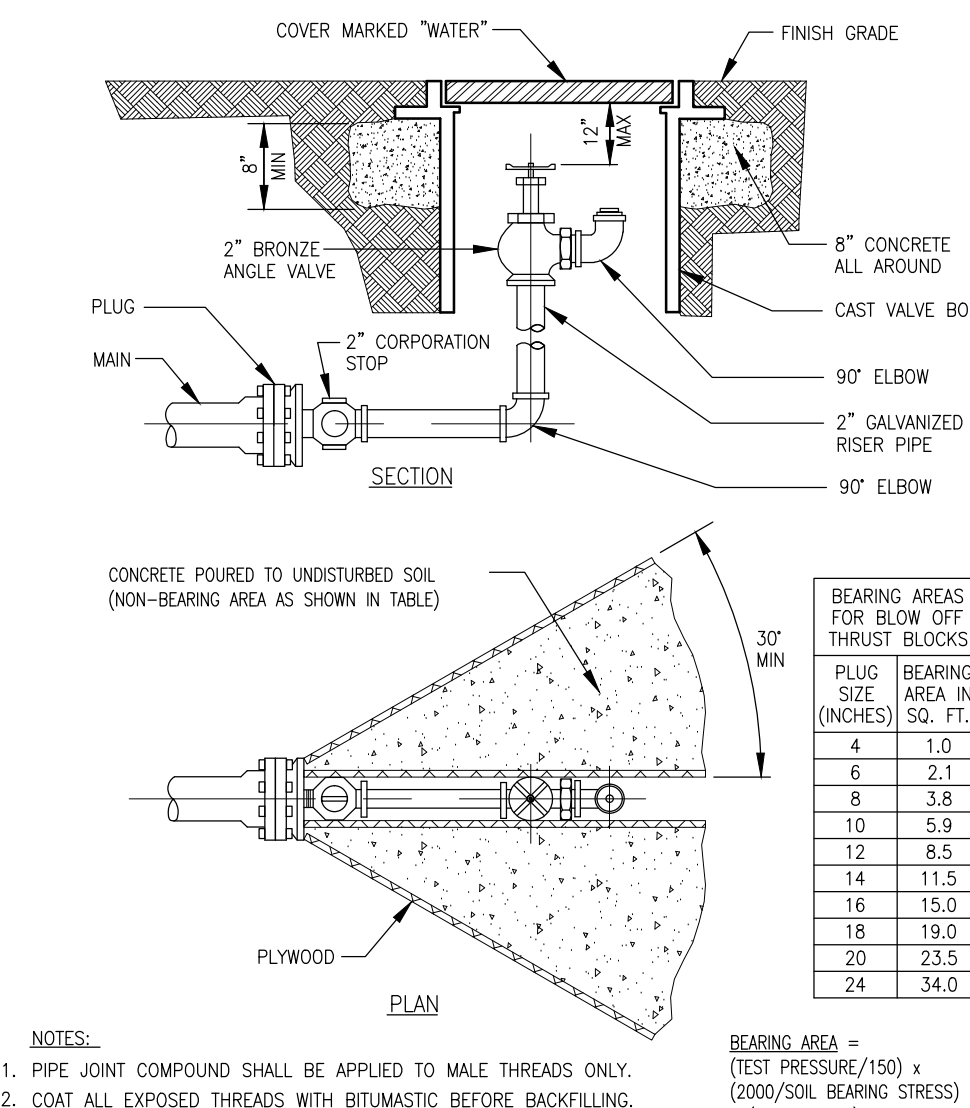
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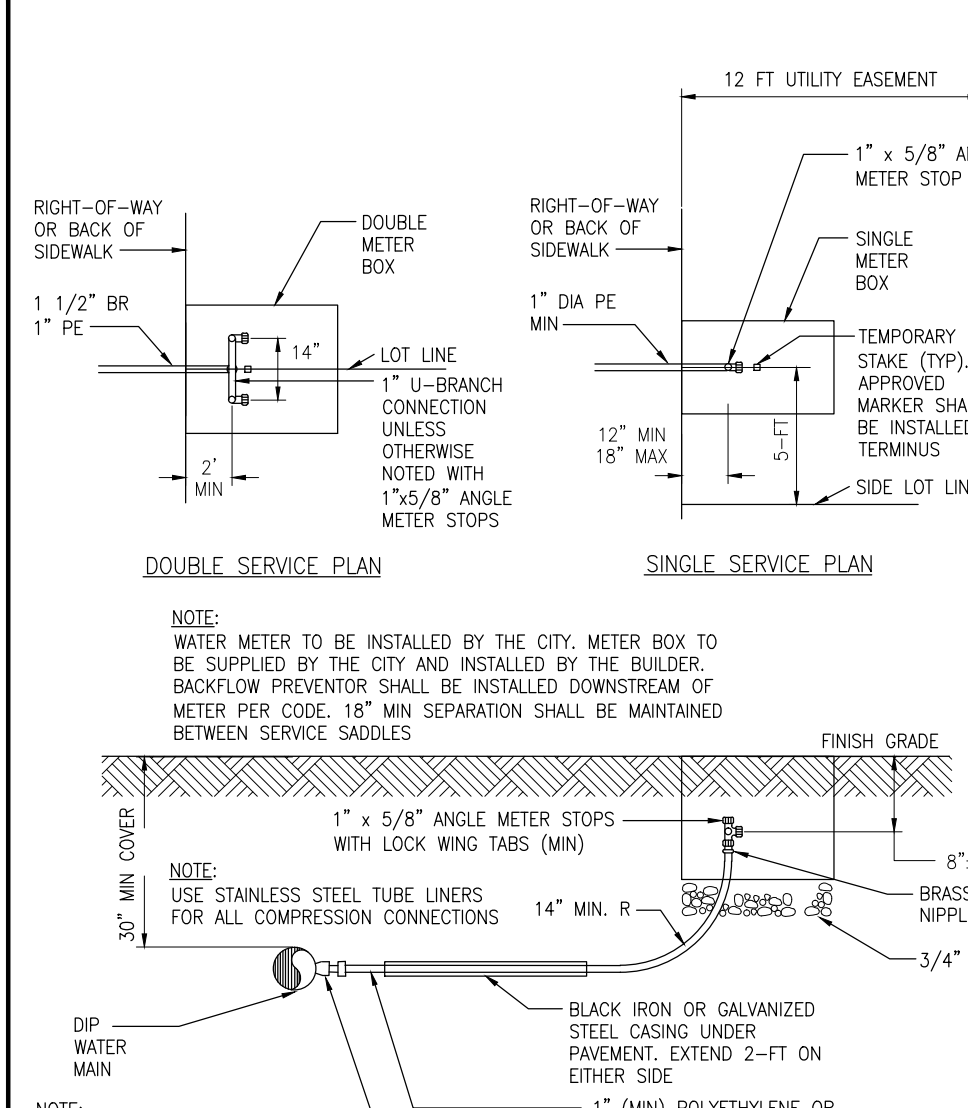
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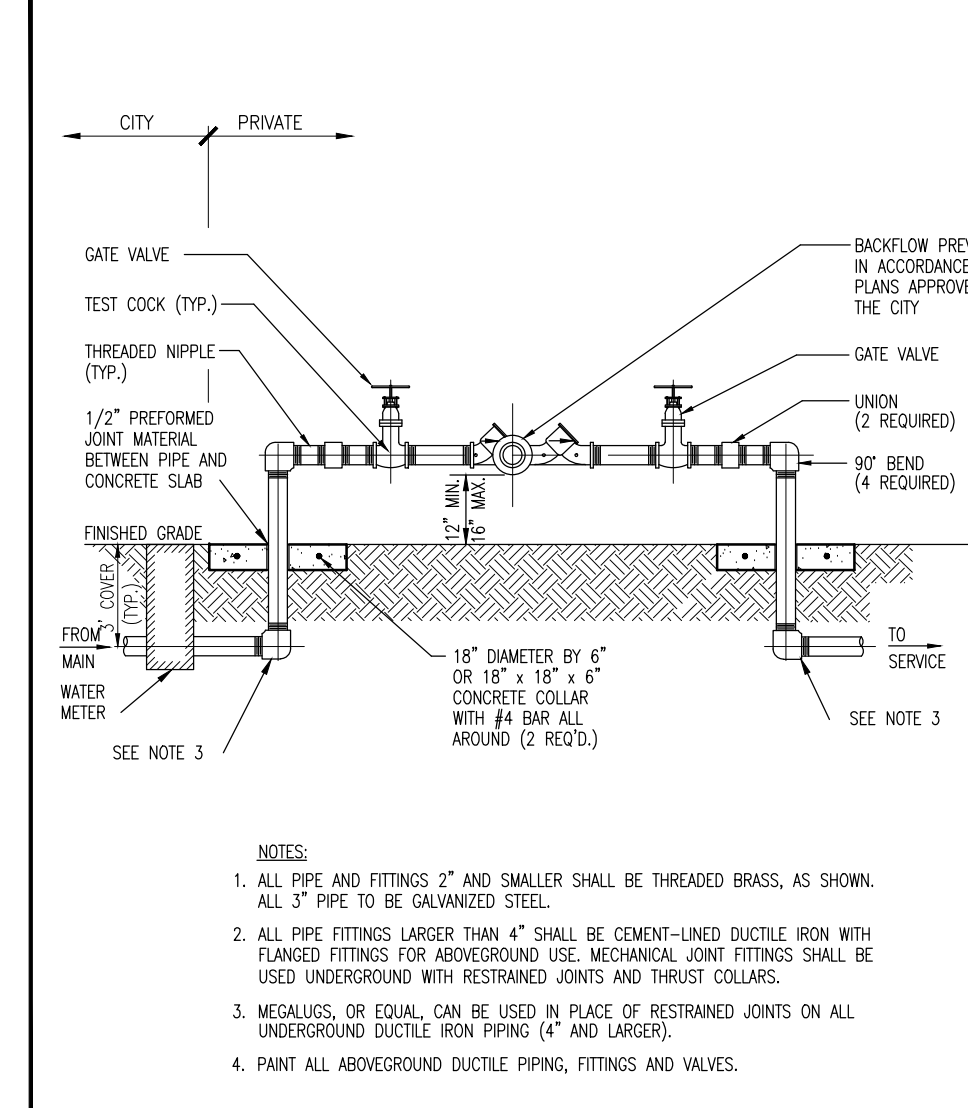
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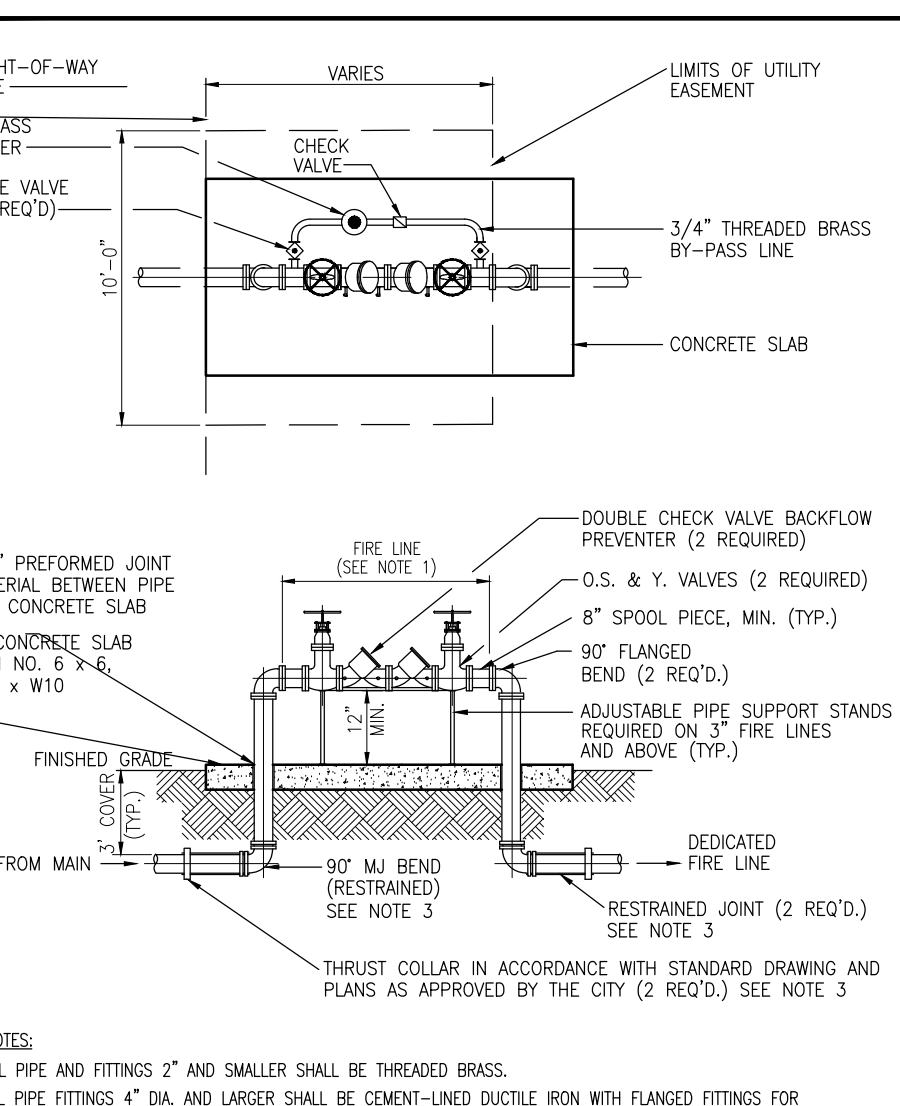
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT					
Date	Revisions	Appr. G2	Date	Scale	Page
			Nov. 1999	N.T.S.	F117



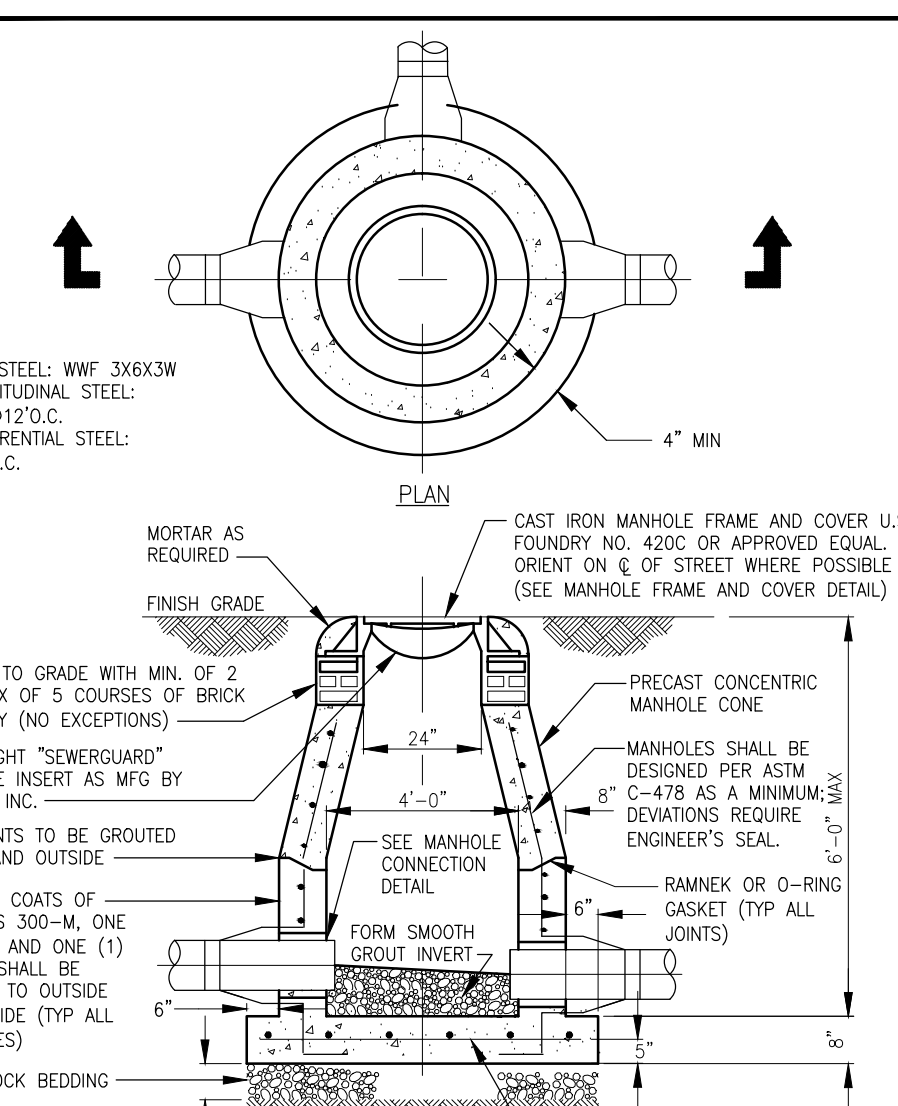
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			Nov. 1999	N.T.S.	F119



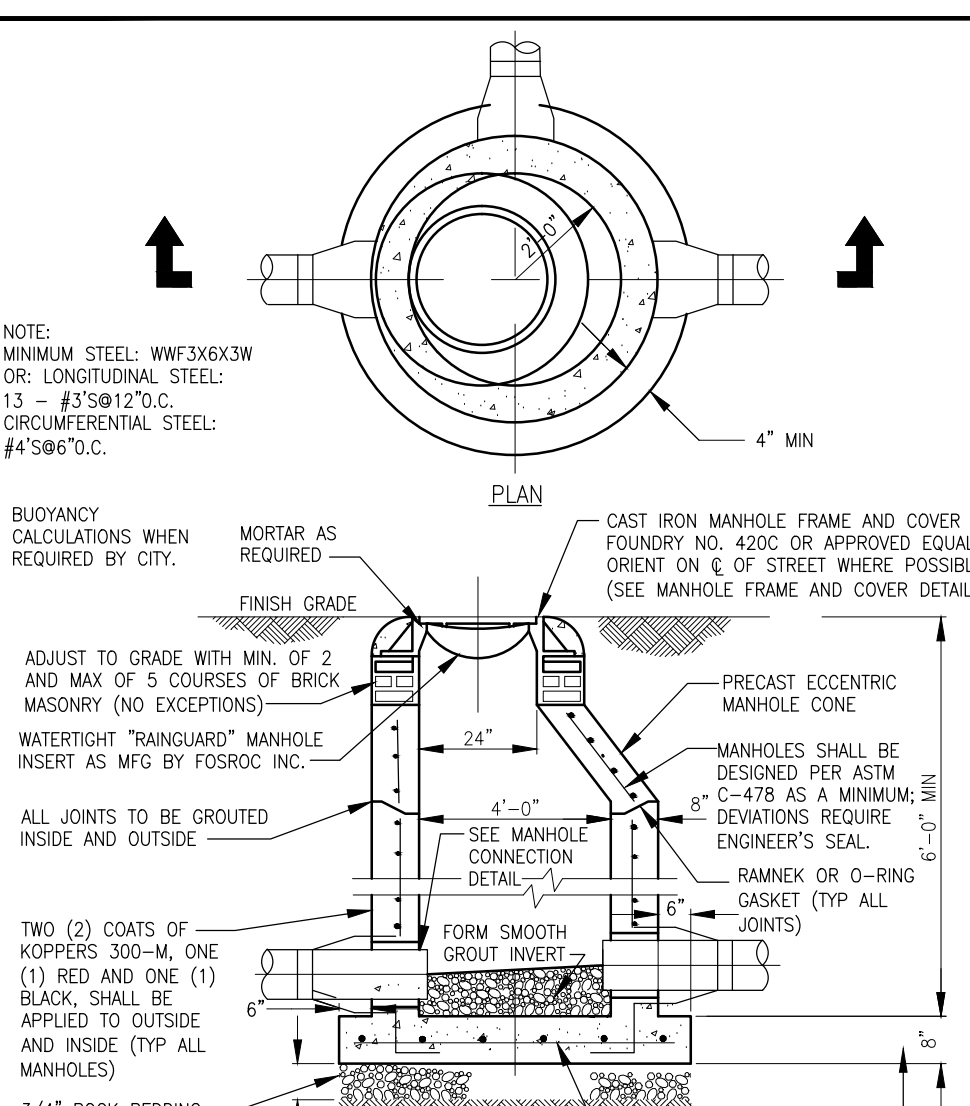
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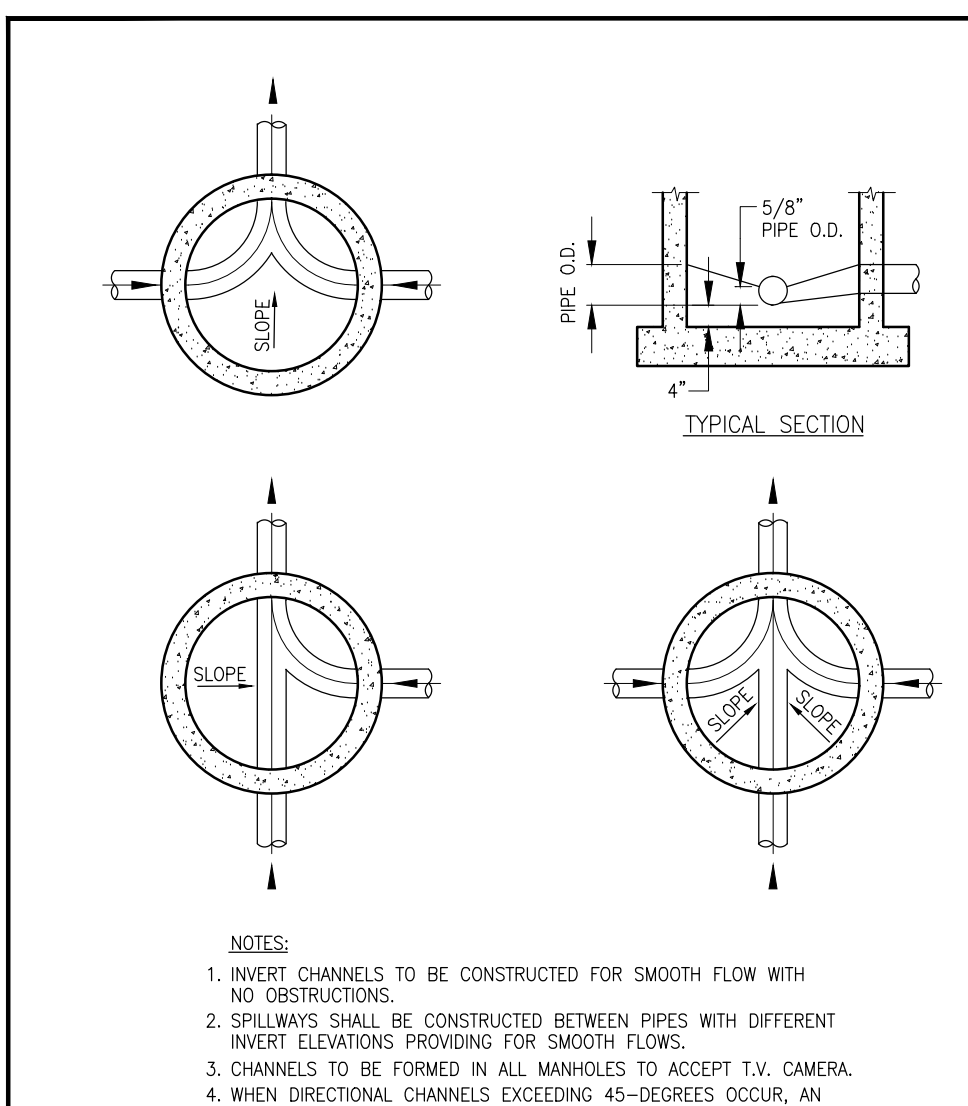
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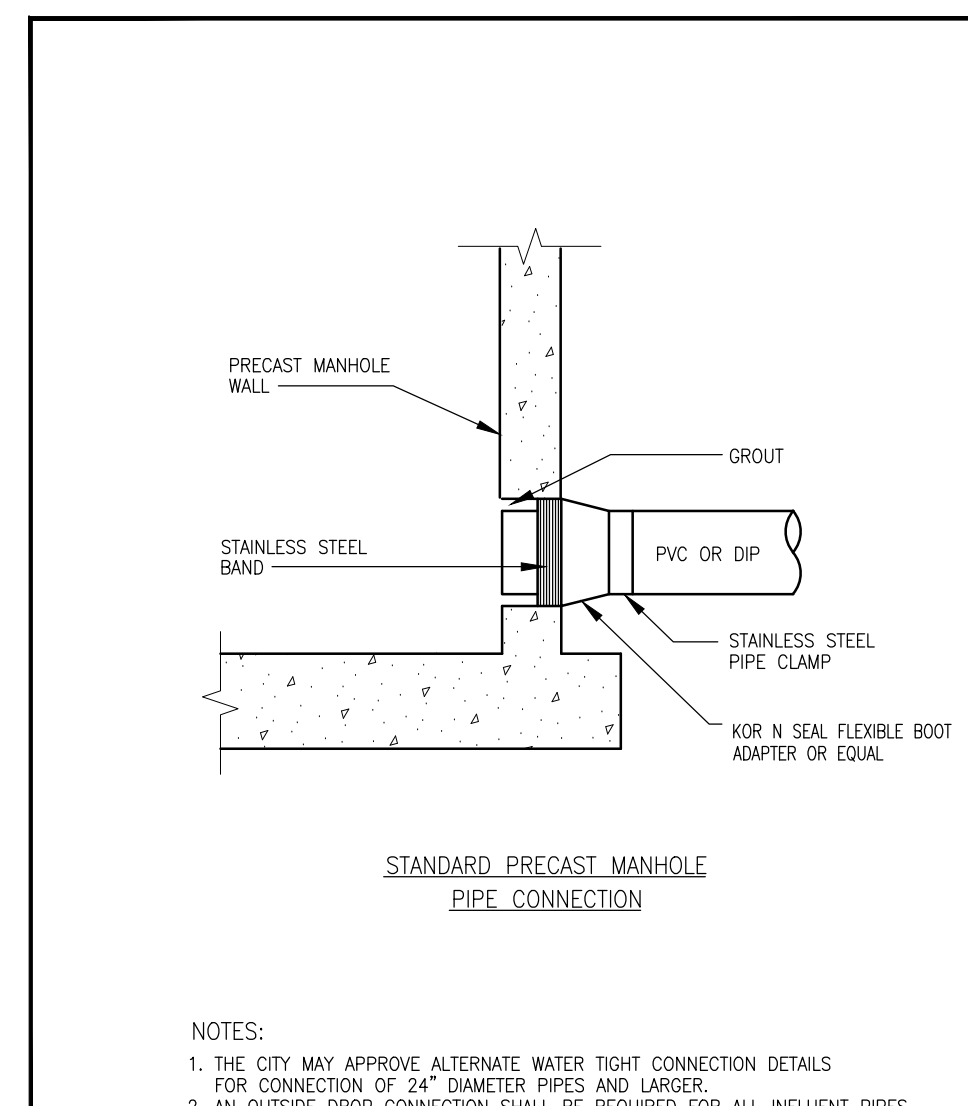
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Date	Revisions	Appr. G2	Date	Scale	Page
			Nov. 1999	N.T.S.	F200



CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT					
Date	Revisions	Appr. G2	Date	Scale	Page
			Nov. 1999	N.T.S.	F200A



CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT					
Date	Revisions	Appr. G2	Date	Scale	Page
			Nov. 1999	N.T.S.	F200B



CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT					
Date	Revisions	Appr. G2	Date	Scale	Page
			Nov. 1999	N.T.S.	F201

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OFFICES:

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- 4900 W. KENNEDY BLVD. TAMPA, FLORIDA 33609

REVISIONS			
REV.	DATE	COMMENT	BY

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ENTITLEMENT PHASE

PROJECT No.: F10006
 DRAWN BY: CAD
 CHECKED BY: JMG
 DATE: 2/25/2014
 CAD I.D.: 10-F10006-WSU DETAILS

MERCEDES-BENZ OF COCONUT CREEK

FOR

HODGEN CONSTRUCTION

4250 NORTH STATE ROAD 7
 CITY OF CORAL SPRINGS
 BROWARD COUNTY, FLORIDA

THOMAS ENGINEERING GROUP

RADICE III
 1000 CORPORATE DRIVE, SUITE 250
 FORT LAUDERDALE, FL 33334
 PH: (954) 202-7000
 FX: (954) 202-7070
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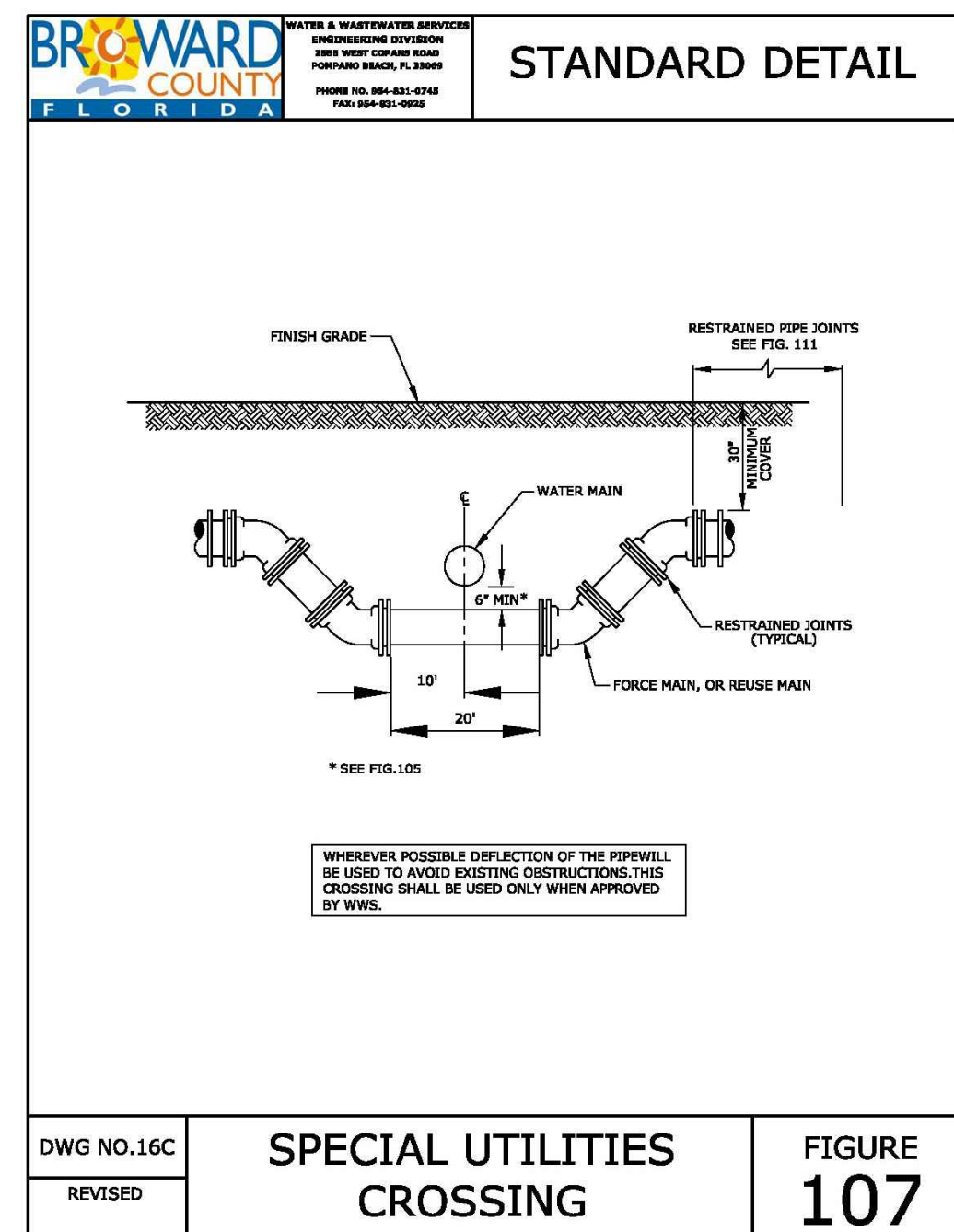
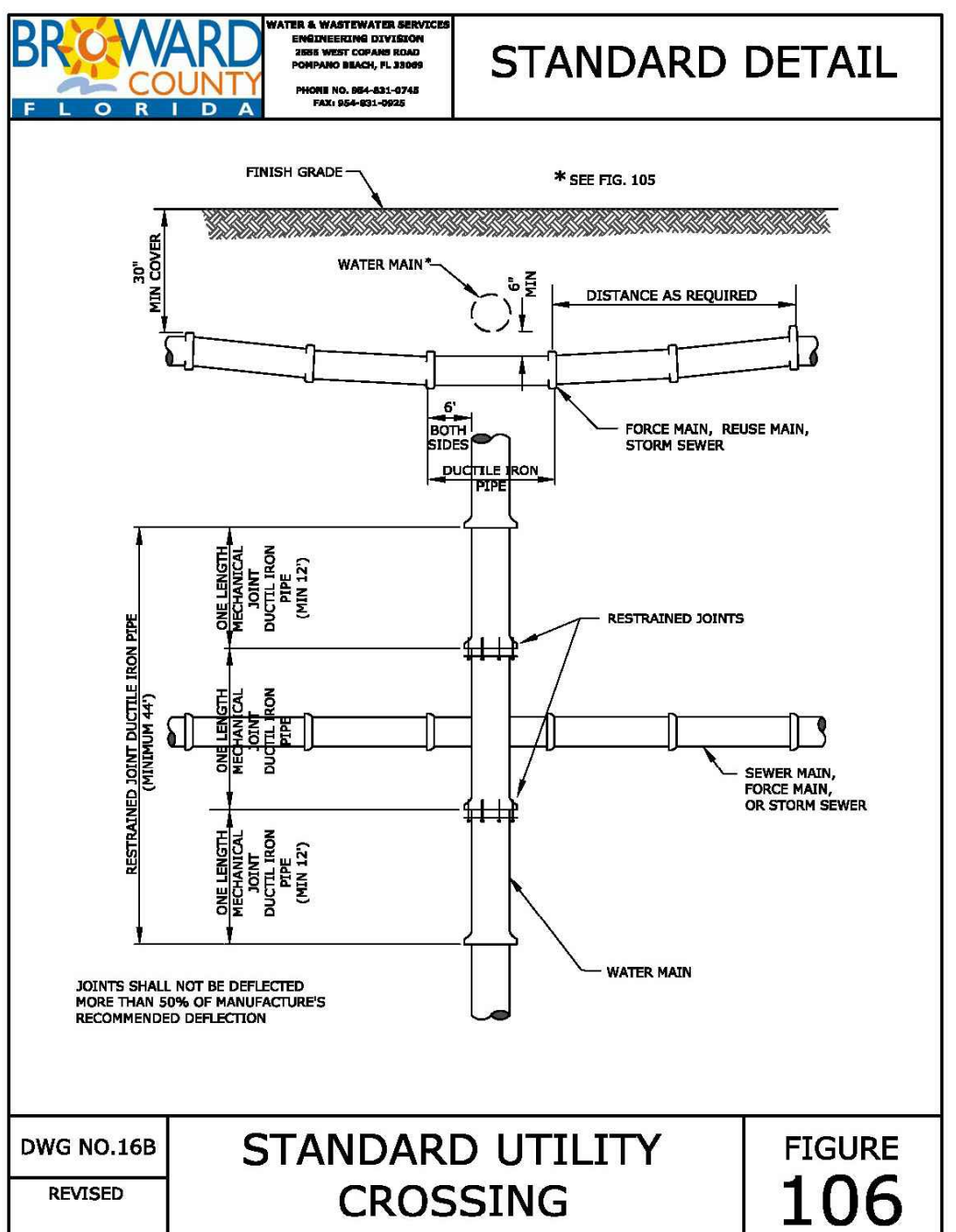
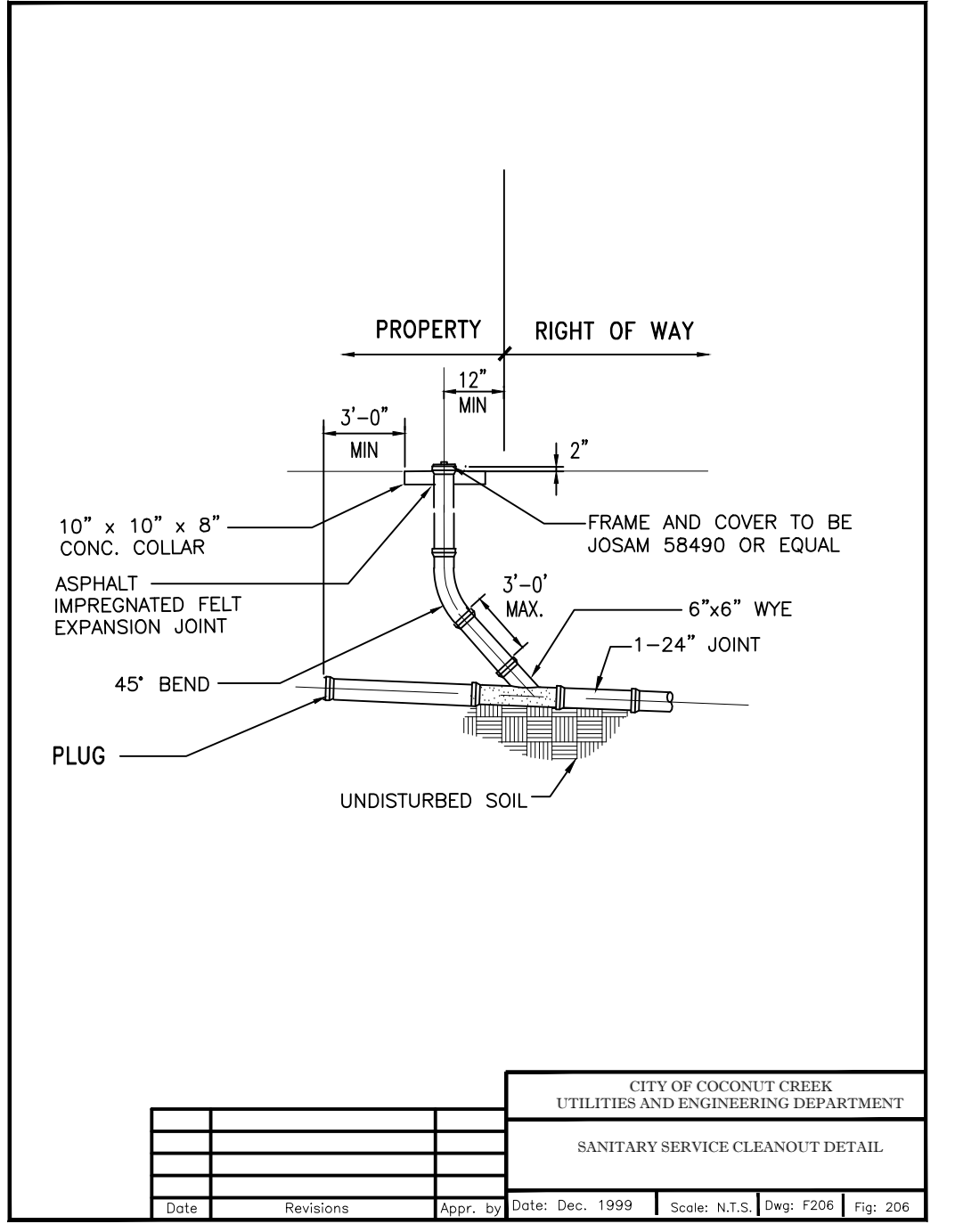
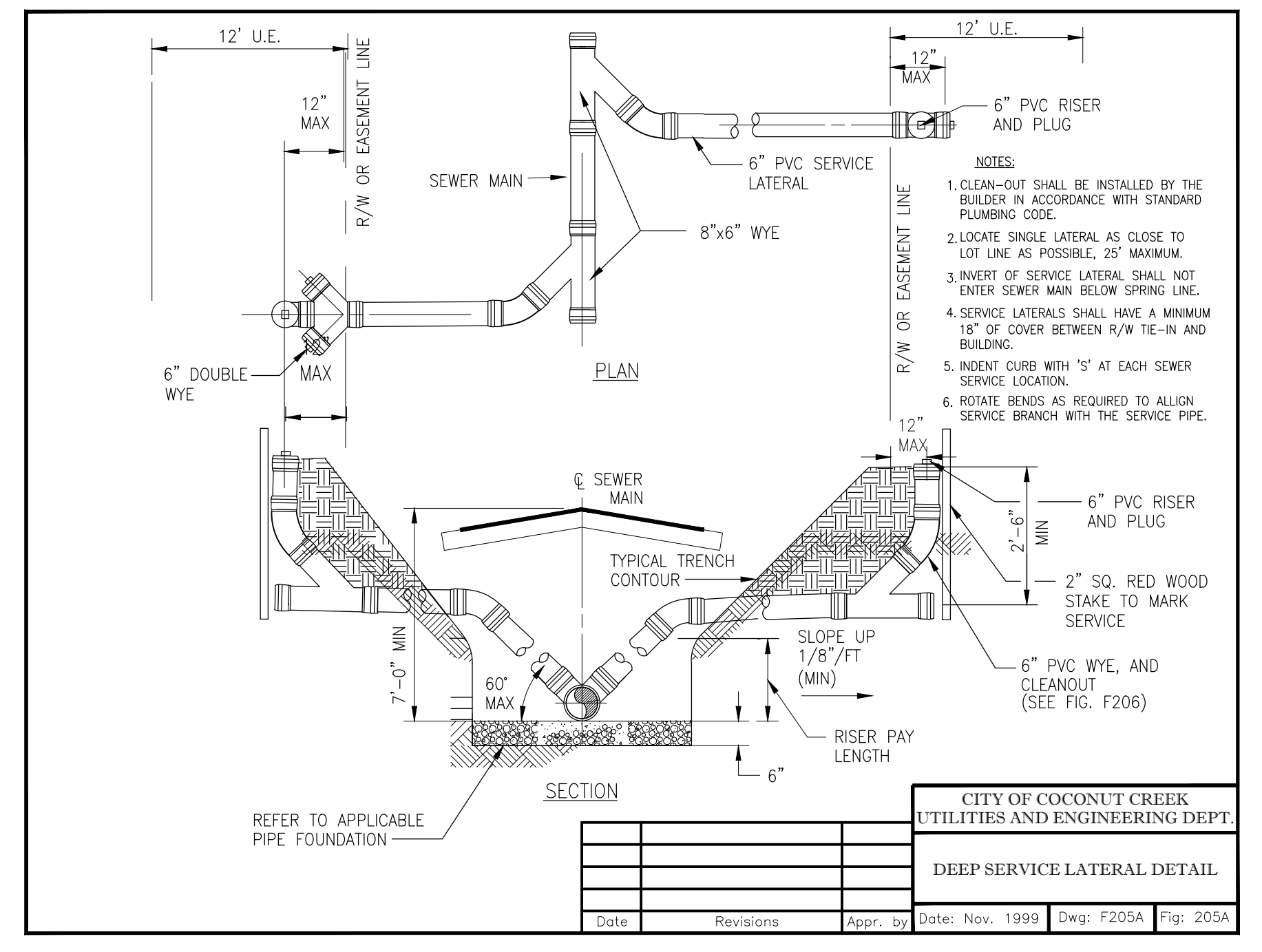
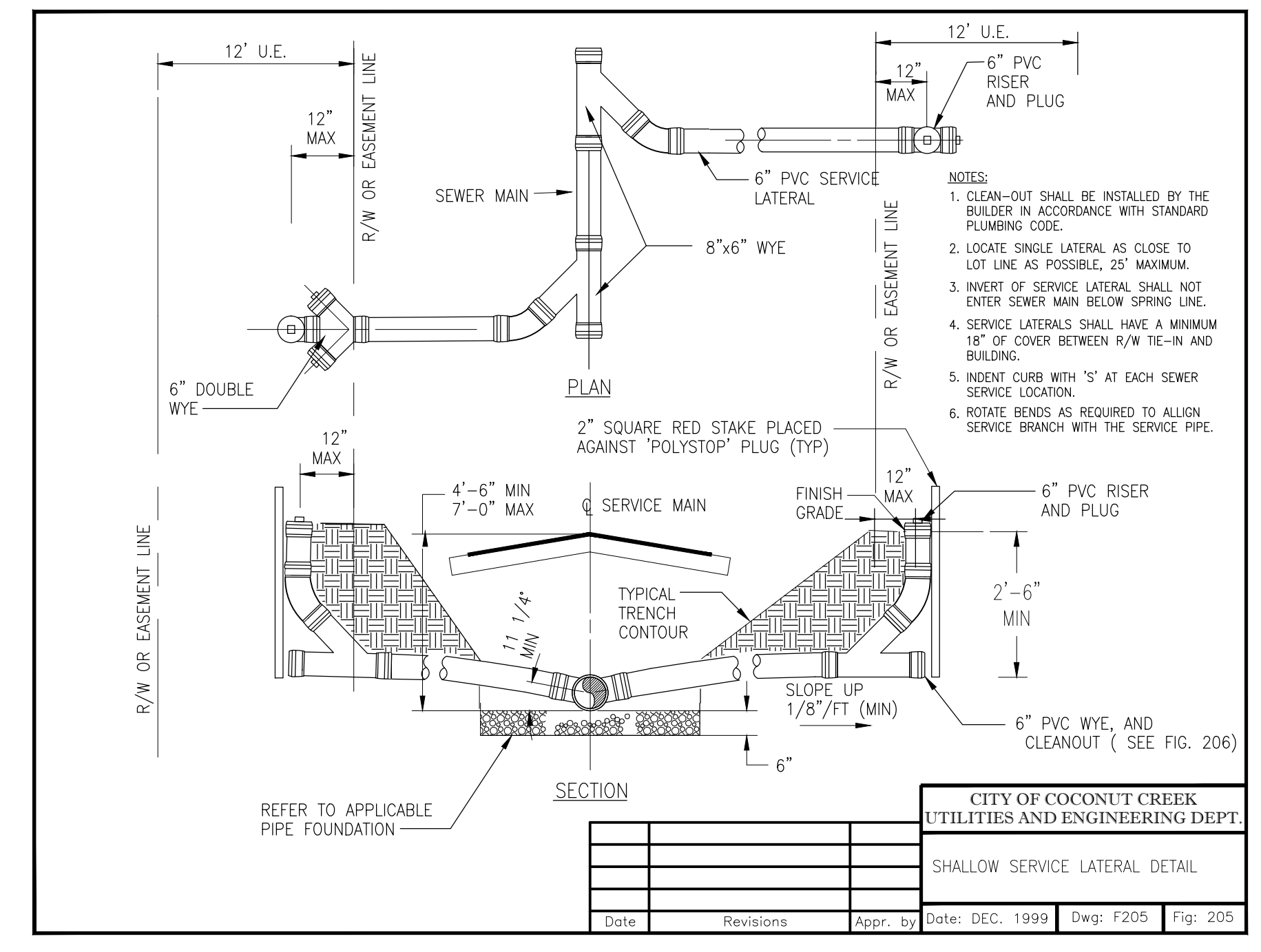
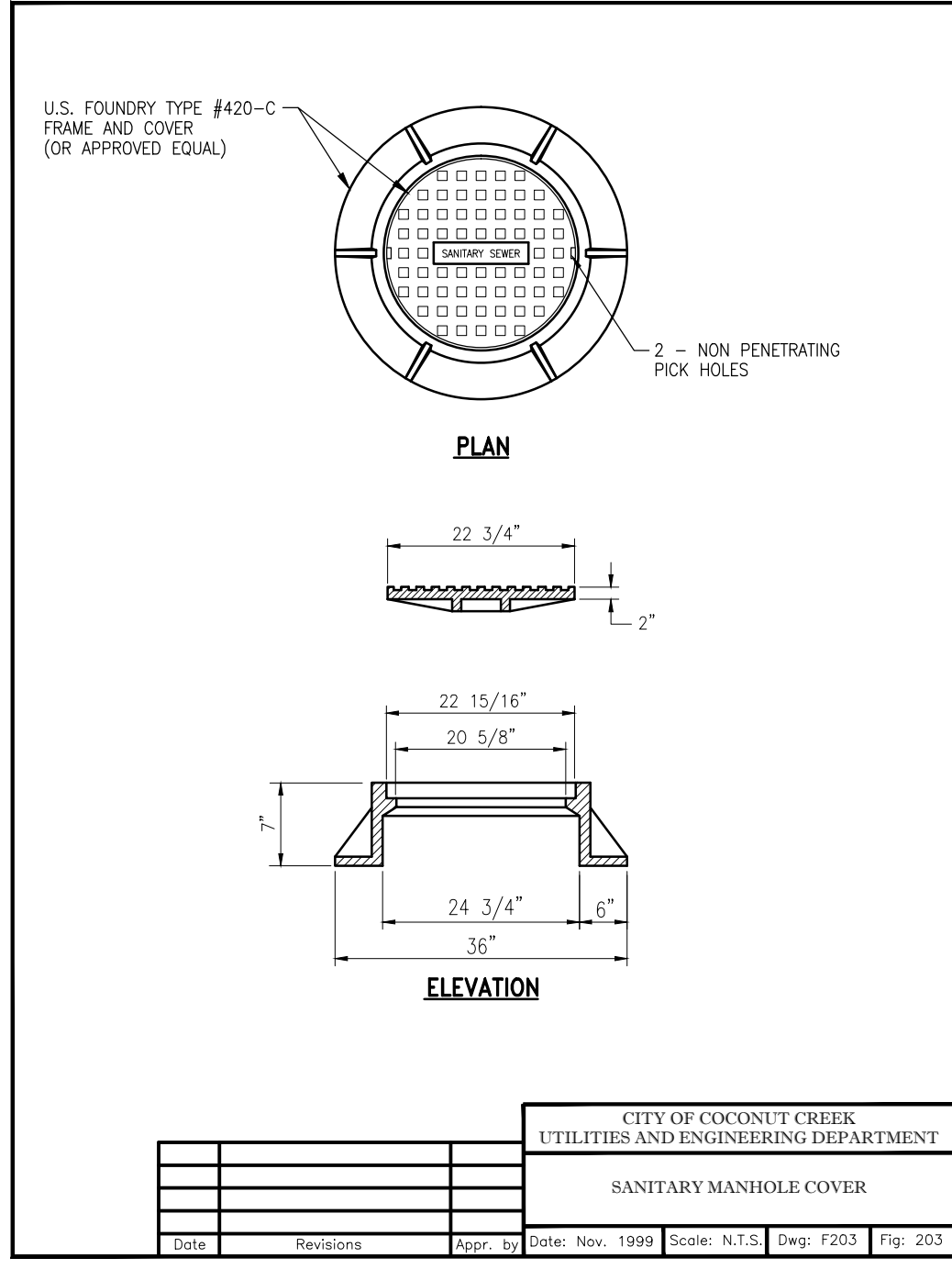
JASON M. GUNTHER

PROFESSIONAL ENGINEER
 2/25/2014
 FLORIDA LICENSE NO. 58629
 FLORIDA BUSINESS CERT. OF AUTH. NO. 27528

WATER & SEWER UTILITY DETAILS

SHEET NUMBER:
C-10

Printed on Tuesday, August 05, 2014 8:53 AM by Keith Brown



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TAMPA, FL 33634
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FORT LAUDERDALE, FLORIDA 33304

REGISTERED PROFESSIONAL ENGINEER
FLORIDA LICENSE NO. 58629
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
FLORIDA LICENSE NO. 11888

REVISIONS			
REV.	DATE	COMMENT	BY

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ENTITLEMENT PHASE

PROJECT No.: F100106
DRAWN BY: CAD
CHECKED BY: JMG
DATE: 2/25/2014
CAD I.D.: 10-F100106-WSU DETAILS

PROJECT:

MERCEDES-BENZ OF COCONUT CREEK

FOR

HODGEN CONSTRUCTION

4250 NORTH STATE ROAD 7
CITY OF CORAL SPRINGS
BROWARD COUNTY, FLORIDA

THOMAS
ENGINEERING GROUP

RADICE III
1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

JASON M. GUNTHER

PROFESSIONAL ENGINEER
2/25/2014
FLORIDA LICENSE NO. 58629
FLORIDA BUSINESS CERT. OF AUTH. NO. 27528

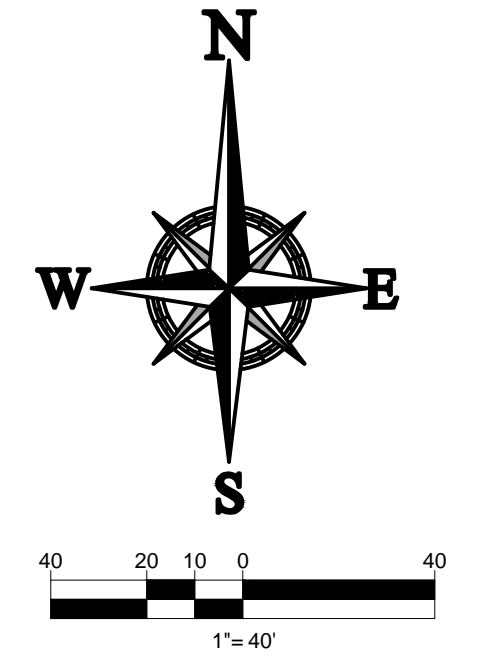
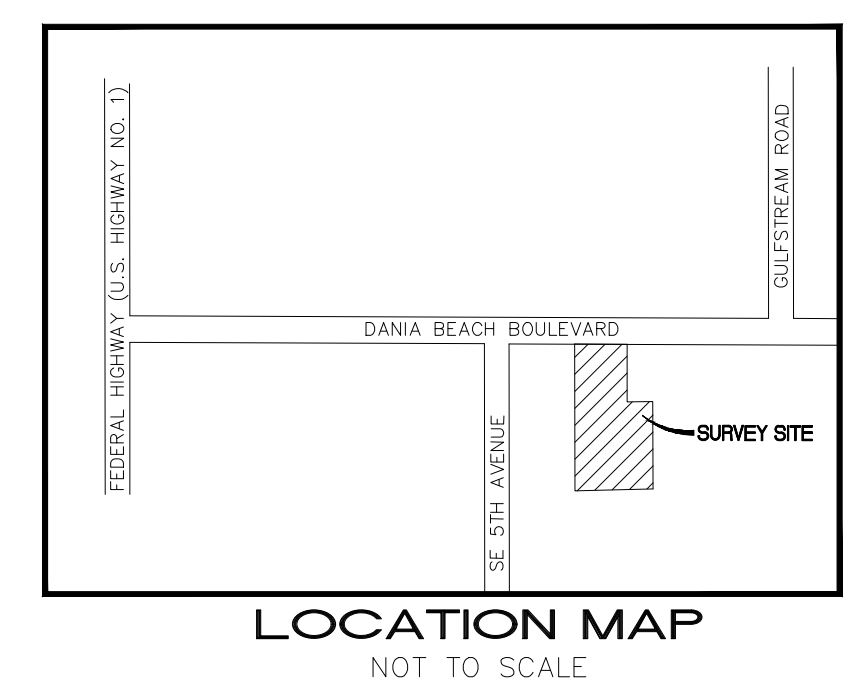
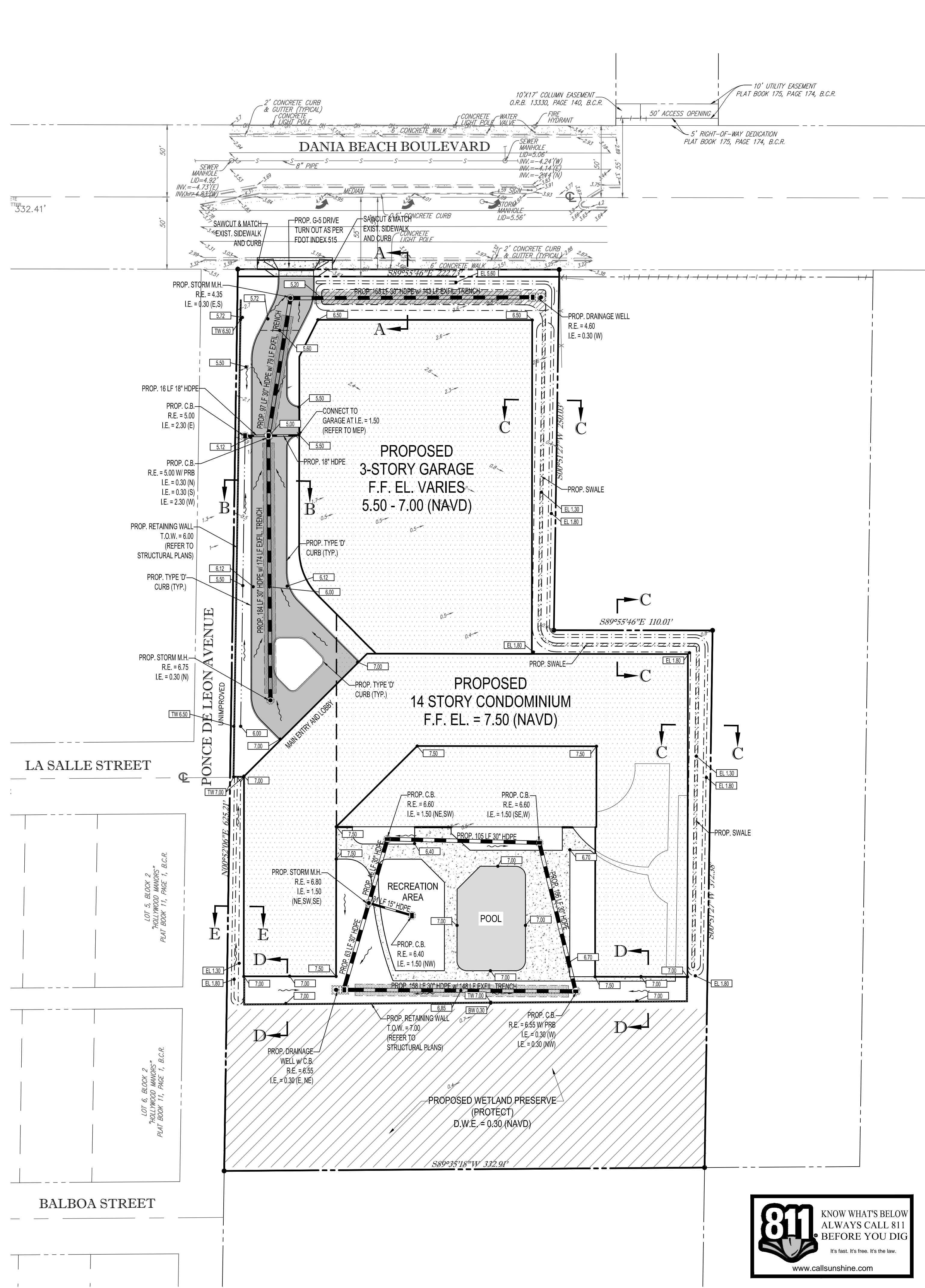
SHEET TITLE:

WATER & SEWER UTILITY DETAILS

SHEET NUMBER:

C-11

Printed on Tuesday, August 05, 2014, 8:55 AM by Keith Brown



LEGAL DESCRIPTION

ALL THAT PART OF THE EAST HALF (E 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 50 SOUTH, RANGE 42 EAST, LYING SOUTH OF SOUTH RIGHT-OF-WAY LINE OF STATE ROAD A1A, (ALSO KNOWN AS EAST DANIA BEACH BOULEVARD) LESS THE EAST 110 FEET OF THE NORTH 250 FEET OF THE SAID PARCEL LYING SOUTH OF SAID RIGHT-OF-WAY.

- CONSTRUCTION NOTES:**
- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SIDEWALK, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
 - CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
 - CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
 - CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.
 - CONTRACTOR TO SOD ALL DISTURBED AREAS. SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
 - ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
 - THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
 - THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS/HER CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
 - NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
 - PROJECT BASED ON DESIGN SURVEY PREPARED BY PULICE LAND SURVEYORS.
 - THE CONTRACTOR SHALL NOT ENCRUCH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.
 - THE EXISTING UNDERGROUND UTILITIES SHOWN ARE PER ABOVE GROUND SURVEY DATA AND UTILITY AS-BUILT DATA. THIS INFORMATION DOES NOT WARRANT EXACT SIZE AND LOCATION OF THE UTILITIES. ALSO, THERE MAY BE ADDITIONAL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION THAT MAY BE AFFECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING EXISTING UTILITIES DURING THE COURSE OF CONSTRUCTION.
 - PLEASE SEE MEP PLANS FOR CONTINUATION OF ROOF LEADERS.
 - 2.0% MAXIMUM SLOPE ON ADA ACCESS WAYS.
 - ALL SIDEWALKS SHOULD HAVE A MAXIMUM CROSS SLOPE OF 2.0%.

- SITE GRADING NOTES:**
- ELEVATIONS SHOWN HEREON ARE IN FEET AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988); TO CONVERT ELEVATIONS TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929), A MODEL VALUE OF 1.50 SHOULD BE ADDED TO THE NAVD 1988 ELEVATION.
 - REFERENCE BENCH MARK: BROWARD COUNTY BENCHMARK #1279 ELEVATION: 6.970 FEET. (NGVD)
 - FLOOD ZONE: AE; BASE FLOOD ELEVATION: 6 FEET NGVD; PANEL #120034C 0309F; MAP DATE: 08/18/02.

PAVING, GRADING & DRAINAGE LEGEND

EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
---	UNDERGROUND WATER LINE	---
OH	OVERHEAD WIRE	---
---	STORM SEWER	---
S	SANITARY SEWER MAIN	---
HY	HYDRANT	---
S	SANITARY MANHOLE	---
D	STORM MANHOLE	---
CB	CATCH BASIN	---
YI	YARD INLET	---
---	GRADE SPOT SHOT	XXX

HATCH LEGEND

[Stippled Pattern]	PROPOSED CONCRETE
[Diagonal Lines]	REGULAR ASPHALT DUTY PAVEMENT
[Diagonal Lines]	EXIST. WETLANDS

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PROJECT No.: F140054
 DRAWN BY: XXX
 CHECKED BY: XXX
 DATE: XXX
 CAD I.D.: F140054-PGD PLAN

RESIDENTIAL PROJECT

FOR
FLORIDA US DEVELOPEMENT

CITY OF DANIA BEACH
 FLORIDA

THOMAS ENGINEERING GROUP

RADICE III
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 FORT LAUDERDALE, FL 33304
 PH: (954) 202-7000
 FX: (954) 202-7070
 www.ThomasEngineeringGroup.com

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
 June 26, 2014
 FLORIDA LICENSE No. 52672
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
PAVING, GRADING, & DRAINAGE PLAN

SHEET NUMBER:
C-4



prepared by
McLAUGHLIN ENGINEERING COMPANY (LB#285)
 400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA
 PHONE: (954) 763-7611
 FAX: (954) 763-7615

• Indicates Marker
 Scale 1" = 50'

RECORD SURVEY

Parcel 'A', SAWGRASS RANCH
P.B. 158, Pg. 24, B.C.R.
City of Cononut Creek

BLOCK 89

TRACT 22 (CULLUM ROAD) (PLAT)
 TURTLE CREEK DRIVE

TRACT 23

TURTLE CREEK DRIVE
 CULLUM ROAD

THIS SURVEY

SAMPLE ROAD

Location Sketch
 Not To Scale

Legal Description

Parcel "A", SAWGRASS RANCH, according to the plat thereof, recorded in Plat Book 158, Page 24, of the public records of Broward County, Florida.

Said land situate, lying and being in the City of Cononut Creek, Broward County, Florida, and containing 595,429 square feet or 13.669 acres, more or less.

This survey reflects all Easements, Road Reservations, and Rights-of-Ways of record per Owner & Encumbrance Search Report from Old Republic National Title Insurance Company, File No. 11041502, dated June 23, 2011 at 8:00 A.M.

- (a) Agreement o.R. 25814, Page 527 of the Public Records of Broward County, Florida, affects this property (restricted to 97, 115 square feet of Automobile Dealership use).
- (b) Agreement per O.R. Book 26677, Page 16 of the Public Records of Broward County, Florida, affects this property (restricted to 81,557 square feet of Automobile Dealership use and 136,000 square feet of Automobile Storage).
- (c) Easement per O.R. Book 20947, Page 379 of the Public Records of Broward County, Florida, affects this property as shown.
- (d) Easement per O.R. Book 22021, Page 306, of the Public Records of Broward County, Florida, affects this property as shown.
- (e) Right-of-Way Easement per O.R. Book 18203, Page 603 of the Public Records of Broward County, Florida, affects this property as shown.
- (f) Resolution per O.R. Book 28028, Page 126, of the Public Records of Broward County, Florida, affects this property (nothing plottable).
- (g) Resolution per O.R. Book 28060, Page 600, of the Public Records of Broward County, Florida, affects this property as shown.
- (h) Resolution per O.R. Book 28060, Page 606, of the Public Records of Broward County, Florida, affects this property as shown.
- (i) Easement per O.R. Book 36721, Page 1154, of the Public Records of Broward County, Florida, affects this property as shown.

Said land situate, lying and being in the City of Cononut Creek, Broward County, Florida, and containing 595,429 square feet or 13.669 acres, more or less.

LEGEND

- | | |
|--|--------------------------------------|
| Δ = CENTRAL ANGLE (DELTA) | ELEV. = ELEVATION |
| R = RADIUS | O/S = OFFSET |
| A OR L = ARC LENGTH | A/C = AIR CONDITIONING |
| CH.BRG. = CHORD BEARING | ℄ = CENTERLINE OF RIGHT-OF-WAY |
| TAN.BRG. = TANGENT BEARING | F.P.L. = FLORIDA POWER AND LIGHT CO. |
| P.O.C. = POINT OF COMMENCEMENT | S.B.T. = SOUTHERN BELL TELEPHONE |
| P.O.B. = POINT OF BEGINNING | P.C.R. = PALM BEACH COUNTY RECORDS |
| P.M. = PERMANENT REFERENCE MONUMENT | D.C.R. = DADE COUNTY RECORDS |
| W/MCL CAP. = WITH McLAUGHLIN ENGINEERING CO. CAP | P.B.C.R. = PALM BEACH COUNTY RECORDS |
| C.O.C. = CONCRETE | O.R. = OFFICIAL RECORDS BOOK |
| C.B.S. = CONCRETE, BLOCK AND STUCCO | Pg. = PAGE |
| I.C.V. = IRRIGATION CONTROL VALVE | R/W = RIGHT-OF-WAY |
| W.M. = WATER METER | C.O. = CLEAN OUT |
| B.F.P. = BACK FLOW PREVENTOR | C.L.F. = CHAIN LINK FENCE |
| O/W = OVERHEAD WIRES | P.C.D. = POLLUTION CONTROL DEVICE |

CERTIFICATION

We hereby certify that this survey meets the minimum technical standards as set forth by the Florida Board of Professional Land Surveyors in Chapter 61G17-6 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated at Fort Lauderdale, Florida, this 3rd day of May, 2007.

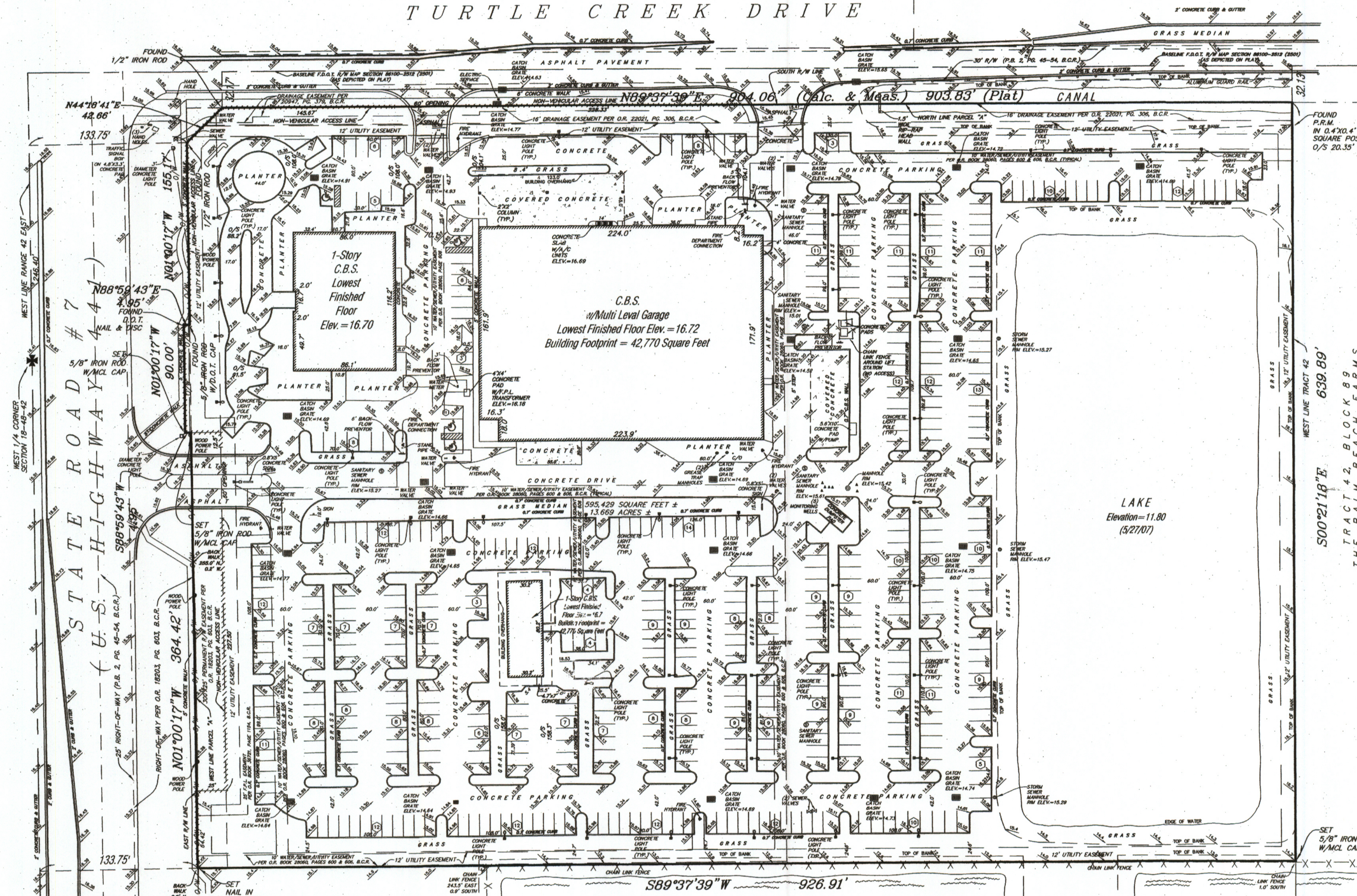
Additional Elevations taken this 31st day of May, 2007.

10' Water/Sewer/Utility Easement Per O.R. Book 28060, Page 606, added this 28th day of June, 2011.

Title commitment added this 7th day of July, 2011.

McLAUGHLIN ENGINEERING COMPANY

JERALD A. McLAUGHLIN
 Registered Land Surveyor No. 5269
 State of Florida.



NOTES:

- 1) This survey reflects all easements and rights-of-way, as shown on above referenced record plat(s). The subject property was not abstracted for other easements or road reservations or rights-of-way of record by McLaughlin Engineering Company.
- 2) Underground improvements if any not located.
- 3) This drawing is not valid unless sealed with an embossed surveyors seal.
- 4) Boundary survey information does not infer Title or Ownership.
- 5) All iron rods 5/8", unless otherwise noted.
- 6) Reference Bench Mark: Broward County Benchmark #2317. ELEVATION = 15.25
- 7) Elevations shown refer to National Geodetic Vertical Datum (1929), and are indicated thus: Elev. = 16.70.
- 8) This property lies in Flood Zone "X", Elev. = N/A Per Flood Insurance Rate Map No. 12011C0115 F Dated: August 18, 1992, Community Panel No. 120031 Index Map Dated: October 2, 1997.
- 9) Bearings shown hereon refer to record plat (158/24) "SAWGRASS RANCH" and assume the South Right-of-Way line of Cullum Road as North 89°37'39" East.

LAKE
 TRACT "M"
 COMMERCE CENTER OF
 COCONUT CREEK
 (P.B. 131, PG. 30, B.C.R.)

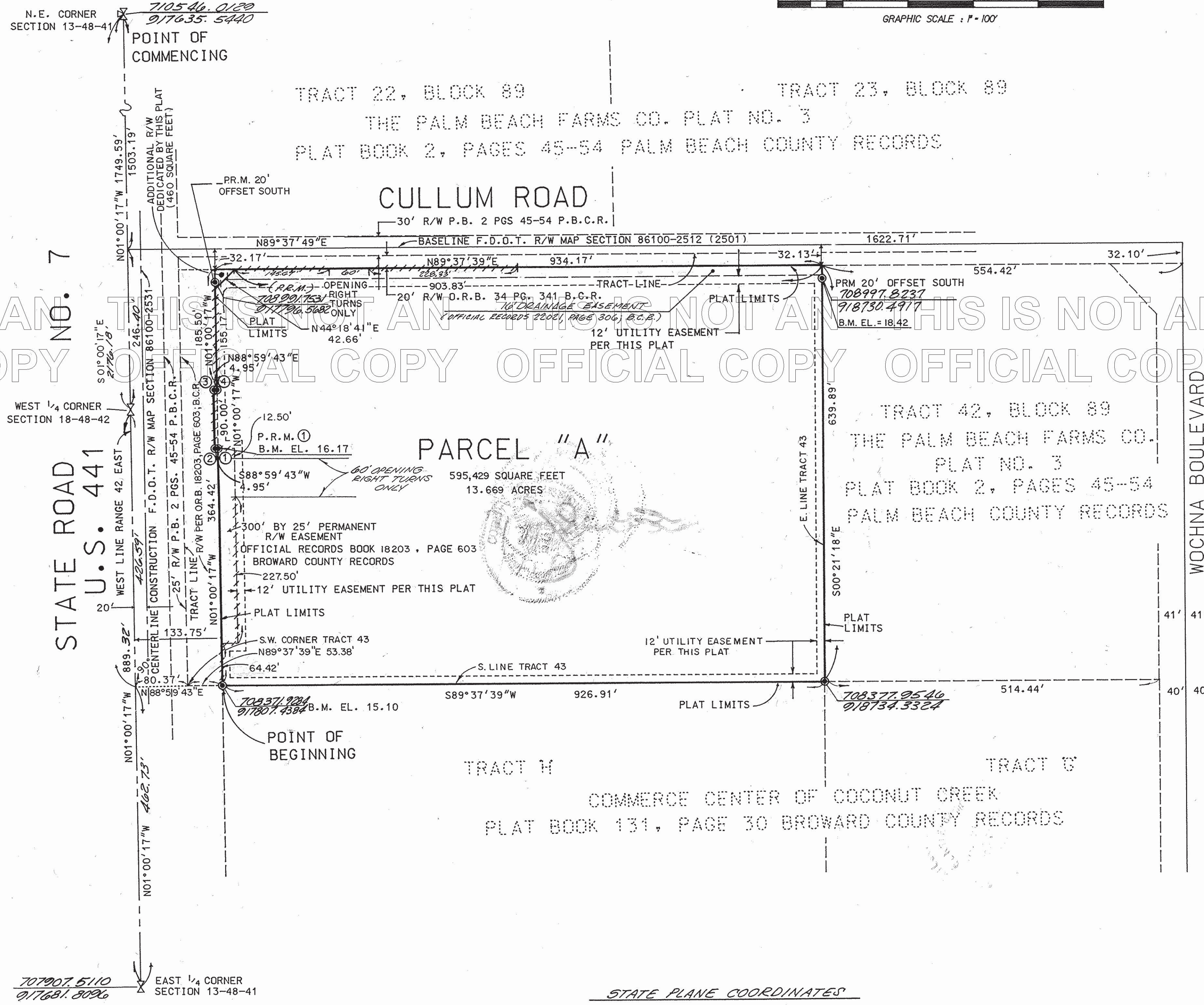
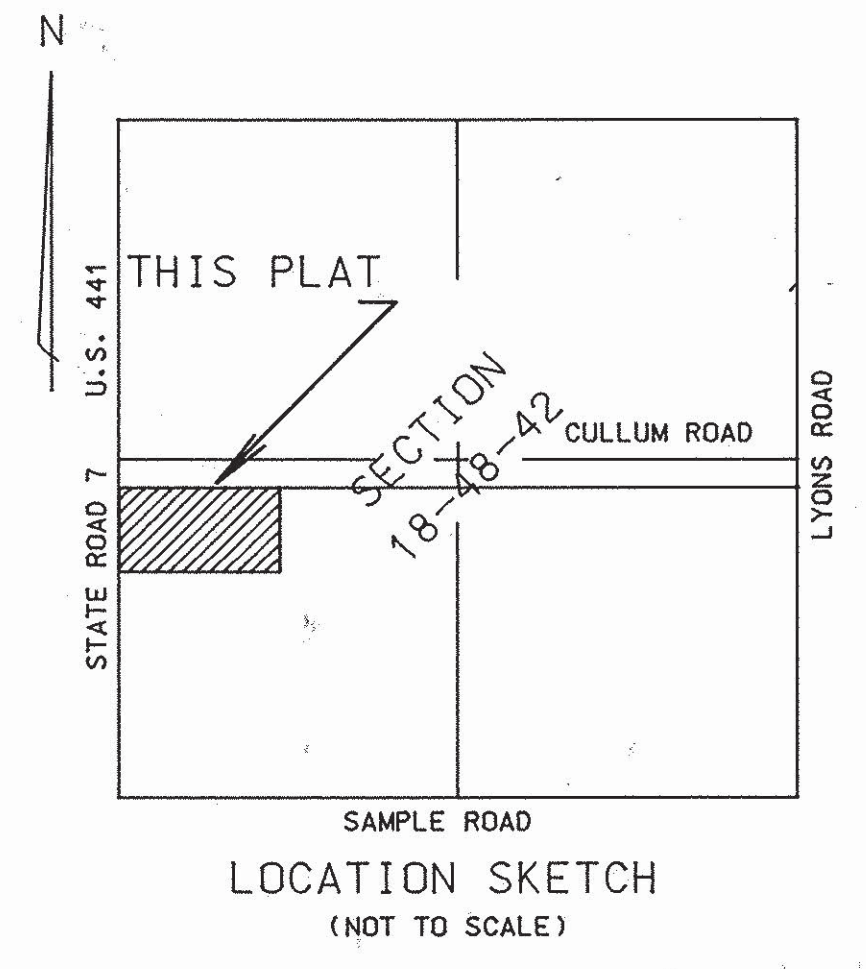
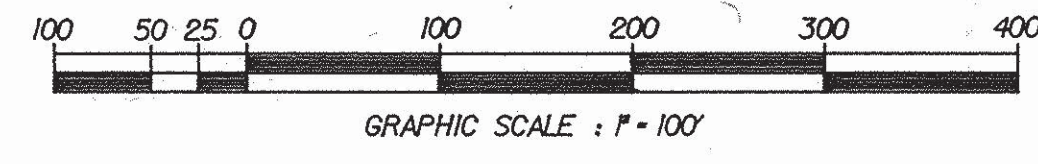
FILE NO.: 96-3-129 (07)

OFFICE NOTES
 FIELD BOOK NO. TDS, Print, LB# 279/17, Print, TDS
 JOB ORDER NO. U-3414, U-3545, U-6693
 CHECKED BY:
 DRAWN BY: SW, JST

I:\Steve\157E\157E_2011\U6693.dwg 7/8/2011 4:03:01 PM EDT

SAWGRASS RANCH

A RESUBDIVISION OF PORTION OF TRACT 43, BLOCK 89
OF PALM BEACH FARMS COMPANY PLAT NO. 3, PLAT BOOK 2, PAGES 45-54, PALM BEACH COUNTY RECORDS
LYING IN SECTION 18, TOWNSHIP 48 SOUTH, RANGE 42 EAST
CITY OF COCONUT CREEK, BROWARD COUNTY, FLORIDA



- SURVEYOR'S NOTES:**
- 1) THE STATE PLANE COORDINATES SHOWN ON THIS PLAT WERE BASED ON THE NORTH AMERICAN DATUM OF 1983 COORDINATE VALUES SHOWN ON THE STONER KEITH RESURVEY OF TOWNSHIP 48 SOUTH RANGE 42 EAST AS RECORDED IN MISCELLANEOUS PLAT BOOK 3, PAGE 2A OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, AND AS TRANSFORMED TO THE NORTH AMERICAN DATUM OF 1983, WITH THE 1990 ADJUSTMENT BEARINGS SHOWN HEREON ARE GRID BEARINGS. THE EAST LINE OF THE N.E. 1/4 OF SECTION 13-48-41 BEARS NORTH 01° 00' 17" WEST.
 - 2) (P) INDICATES PERMANENT REFERENCE MONUMENT (PRM) PROFESSIONAL LAND SURVEYOR NUMBER 2885.
 - 3) BENCH MARKS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 - 4) B.M. EL. INDICATES BENCH MARK ELEVATION.
 - 5) THE BENCH MARKS SHOWN HEREON WERE ESTABLISHED USING THIRD ORDER PROCEDURES BASED ON BROWARD COUNTY BENCH MARKS AS FOLLOWS:
BENCH MARK 2316 - BROWARD COUNTY BRASS DISC AT THE SOUTHEAST CORNER OF SECTION 12, TOWNSHIP 48 SOUTH, RANGE 41 EAST ELEVATION 16.496'
BENCH MARK 2580 - TOP OF CENTER REBAR IN RIP-RAP HEADWALL ON SOUTH SIDE OF WILES ROAD AND AT THE CANAL ON THE WEST SIDE OF STATE ROAD 7 US 441 ELEVATION 15.66'
 - 6) THIS PLAT IS RESTRICTED TO 75,000 SQUARE FEET OF OFFICE USE, 40,000 SQUARE FEET OF INDUSTRIAL USE, AND 35,000 SQUARE FEET OF COMMERCIAL USE. COMMERCIAL/RETAIL USES ARE NOT PERMITTED WITHIN THE INDUSTRIAL OR OFFICE PORTIONS OF THIS PLAT WITHOUT THE APPROVAL OF THE BOARD OF COUNTY COMMISSIONERS WHO SHALL REVIEW AND ADDRESS THESE USES FOR INCREASED IMPACTS. THIS NOTE IS REQUIRED BY CHAPTER 5, ARTICLE IX, BROWARD COUNTY CODE OF ORDINANCES AND MAY BE AMENDED BY APPROVAL OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS.
 - 7) THE NOTATION AND ANY AMENDMENTS THERETO ARE SOLELY INDICATING THE APPROVED DEVELOPMENT LEVEL FOR PROPERTY LOCATED WITHIN THE PLAT AND DO NOT OPERATE AS A RESTRICTION IN FAVOR OF ANY PROPERTY OWNER INCLUDING AN OWNER OR OWNERS OF PROPERTY WITHIN THIS PLAT WHO TOOK TITLE TO THE PROPERTY WITH REFERENCE TO THIS PLAT.
 - 7) NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
 - 8) --- INDICATES NON-VEHICULAR ACCESS LINE.
 - 9) B.C.R. INDICATES BROWARD COUNTY RECORDS.
 - 10) P.B.C.R. INDICATES PALM BEACH COUNTY RECORDS.

STATE PLANE COORDINATES

	NORTHING	EASTING
1	708736.2924	917801.0484
2	708736.2056	917796.0992
3	708826.1918	917794.5210
4	708826.2785	917799.4703

CITY OF COCONUT CREEK
DEPARTMENT OF COMMUNITY DEVELOPMENT
SEP 17 1998

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PREPARED BY:
CRANEN THOMPSON & ASSOCIATES INC.
SURVEYORS ENGINEERS PLANNERS
3563 N.W. 53RD STREET FORT LAUDERDALE FLORIDA 33309
DATED: DRAWN BY:



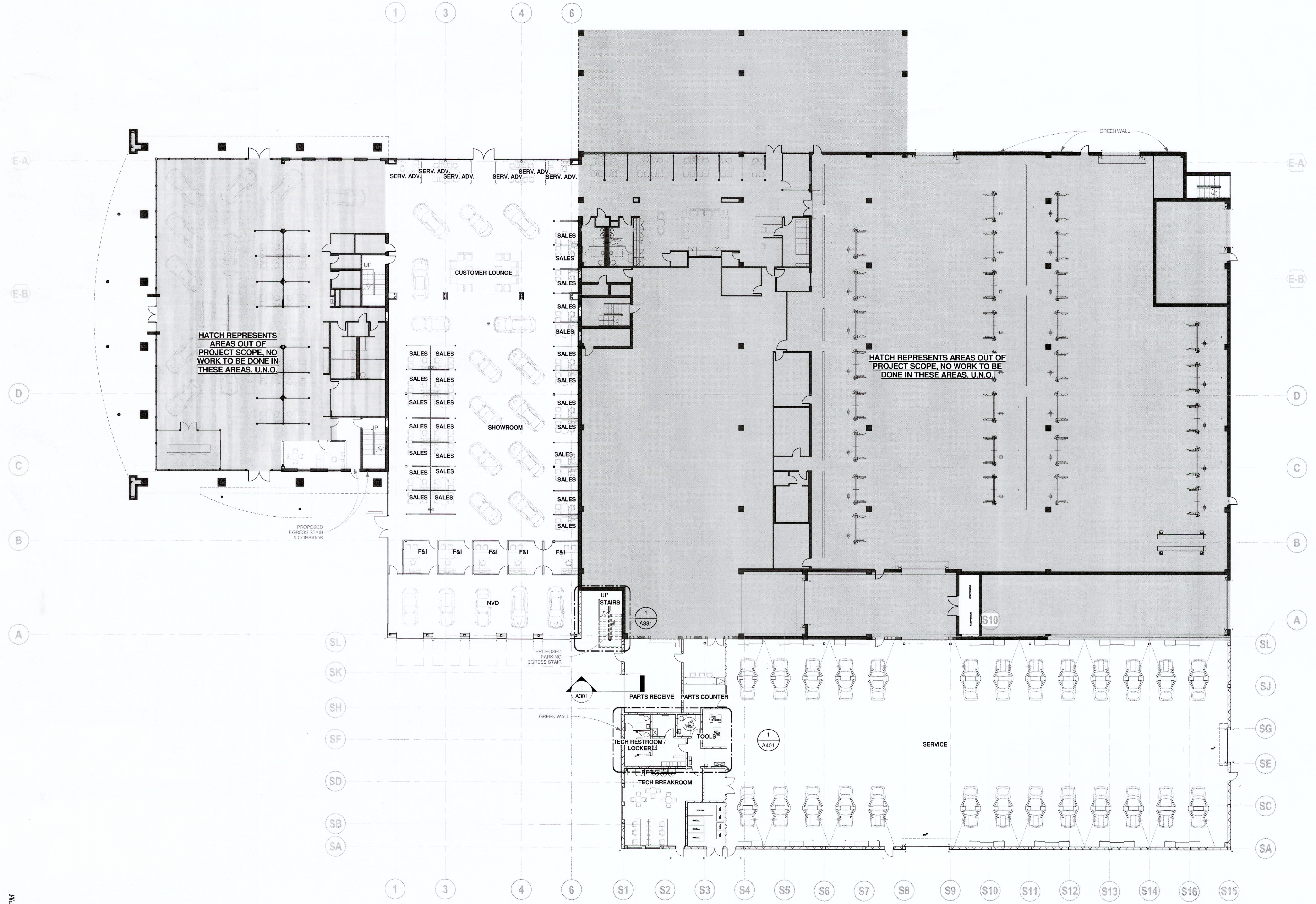
Signed & Sealed:

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Rev	Date	Comments



Client:
AutoNation, Inc.

200 SW 1st Avenue

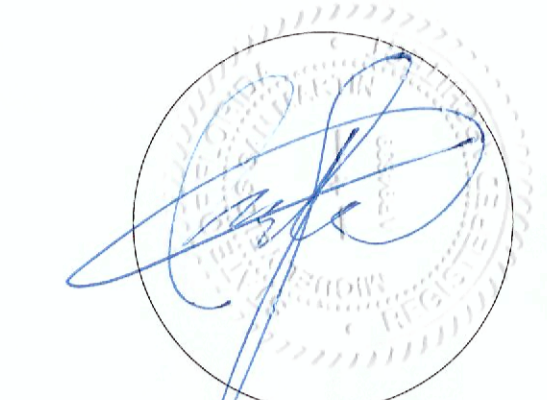
Project:
**AUTONATION
M-B OF
COCONUT
CREEK ADDITION**
4250 N State Road 7 Coconut
Creek, FL 33073

Project Number: 13041
Drawn By: JRG
Checked By: YSM
Approved By: YSM

Sheet Title:
OVERALL PLAN
Suite 1400
Fort Lauderdale, FL 33301
Sheet Number:

A111

OVERALL PLAN - 1ST FLOOR
1
A111
1/16" = 1'-0"



Signed & Sealed:

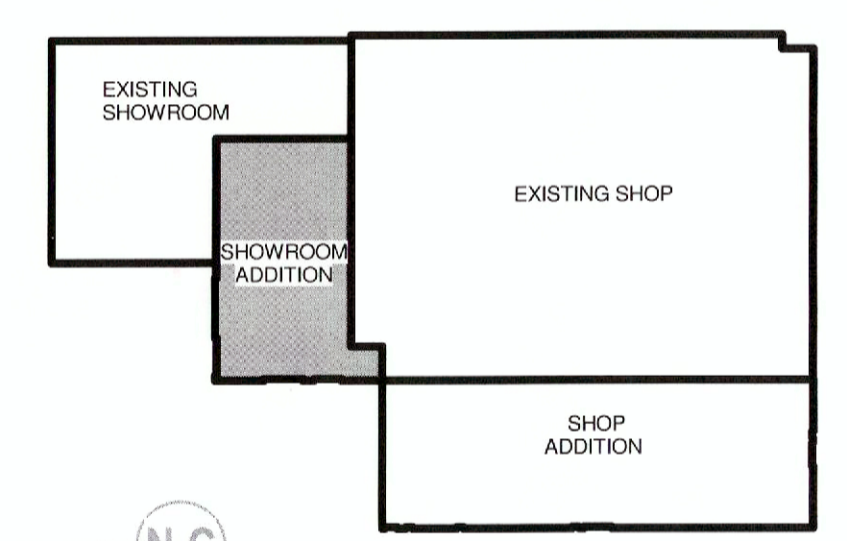
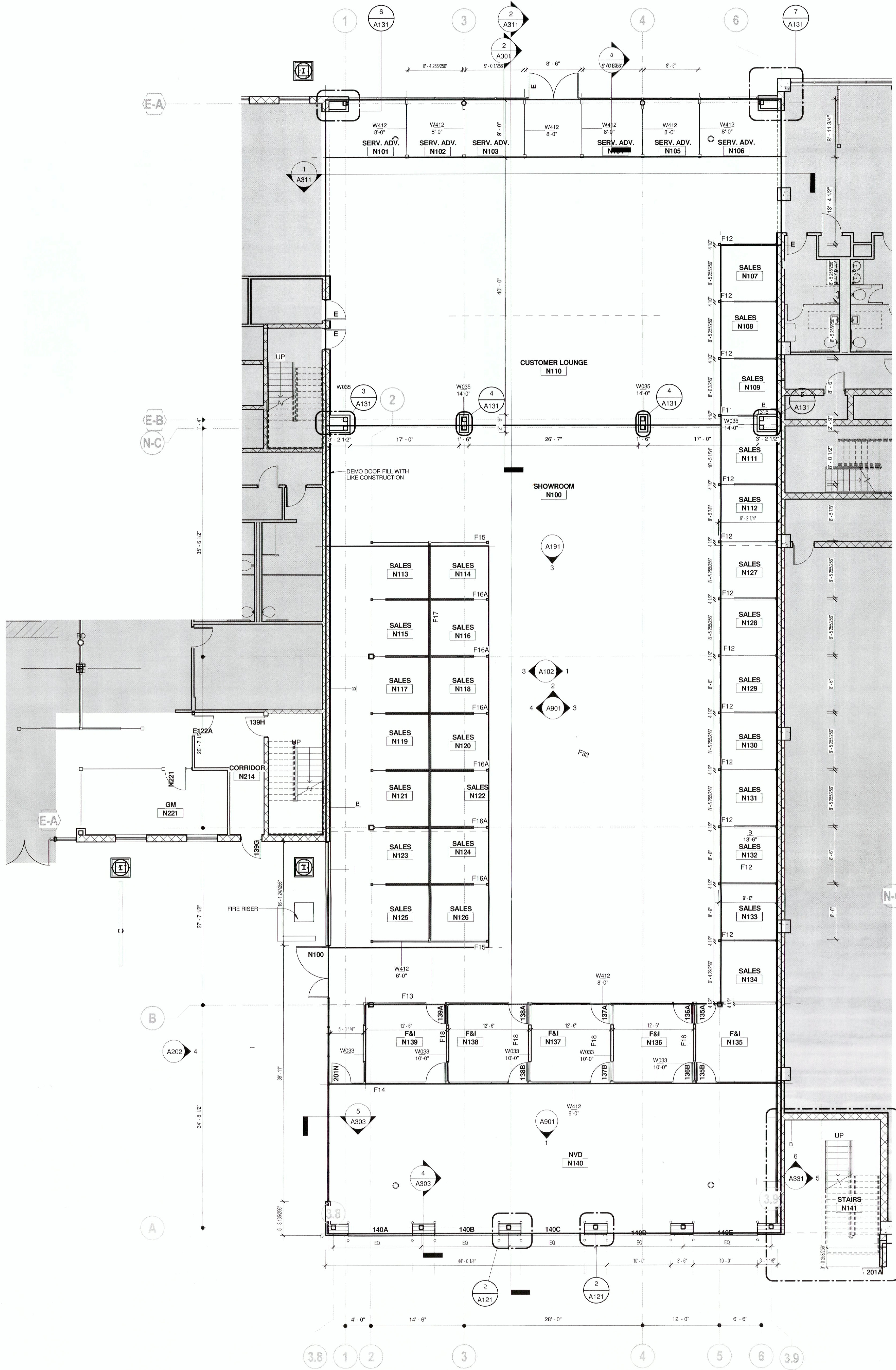
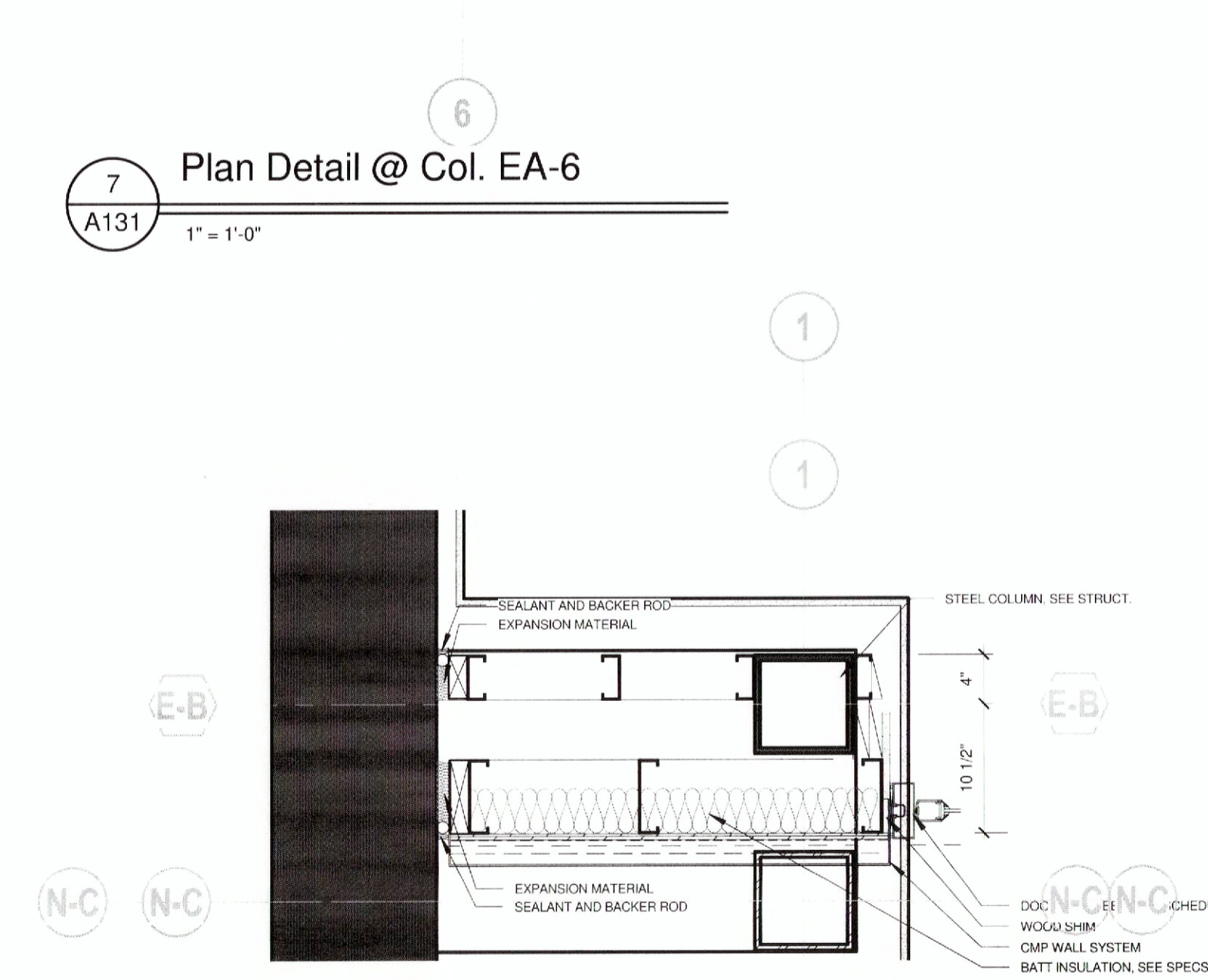
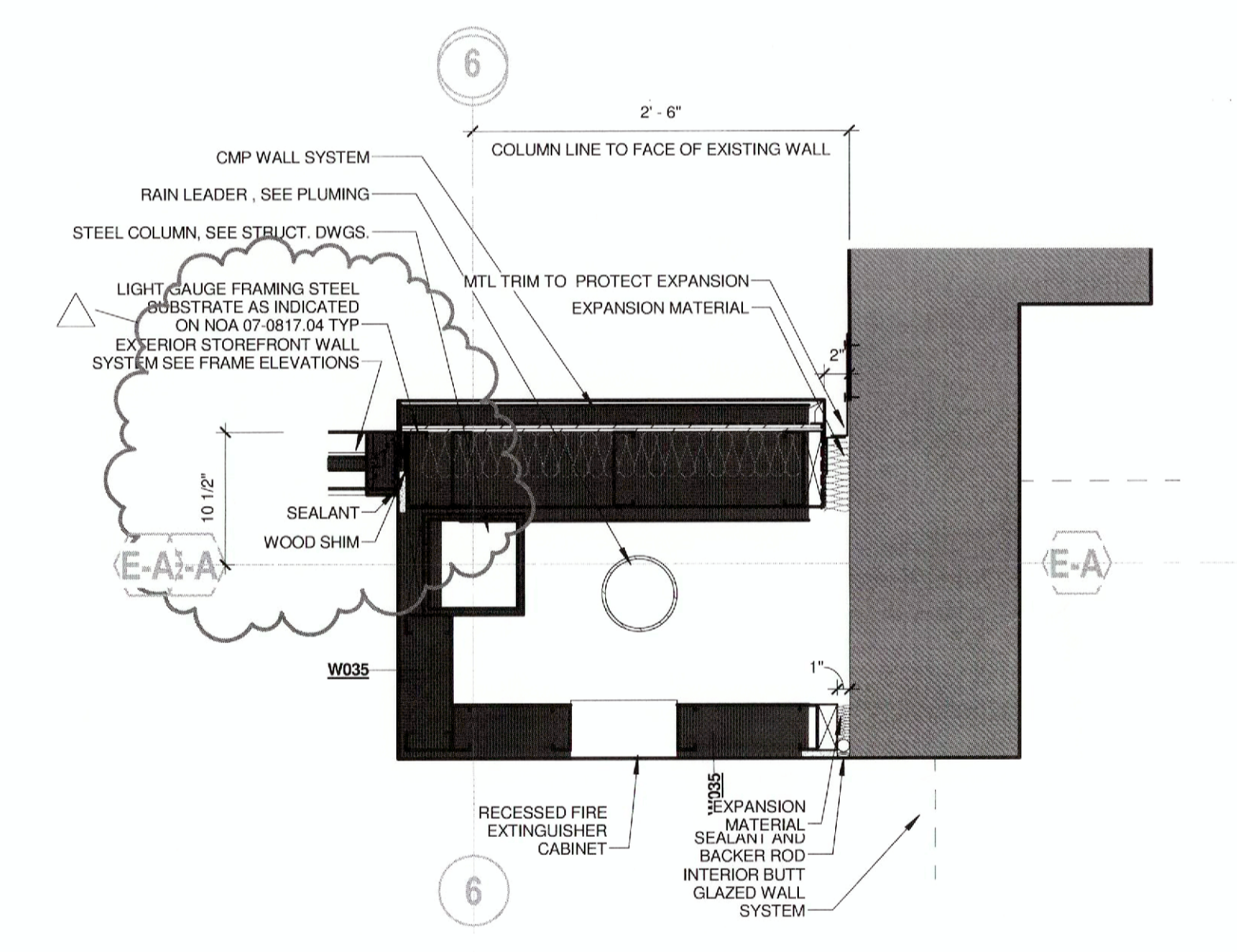
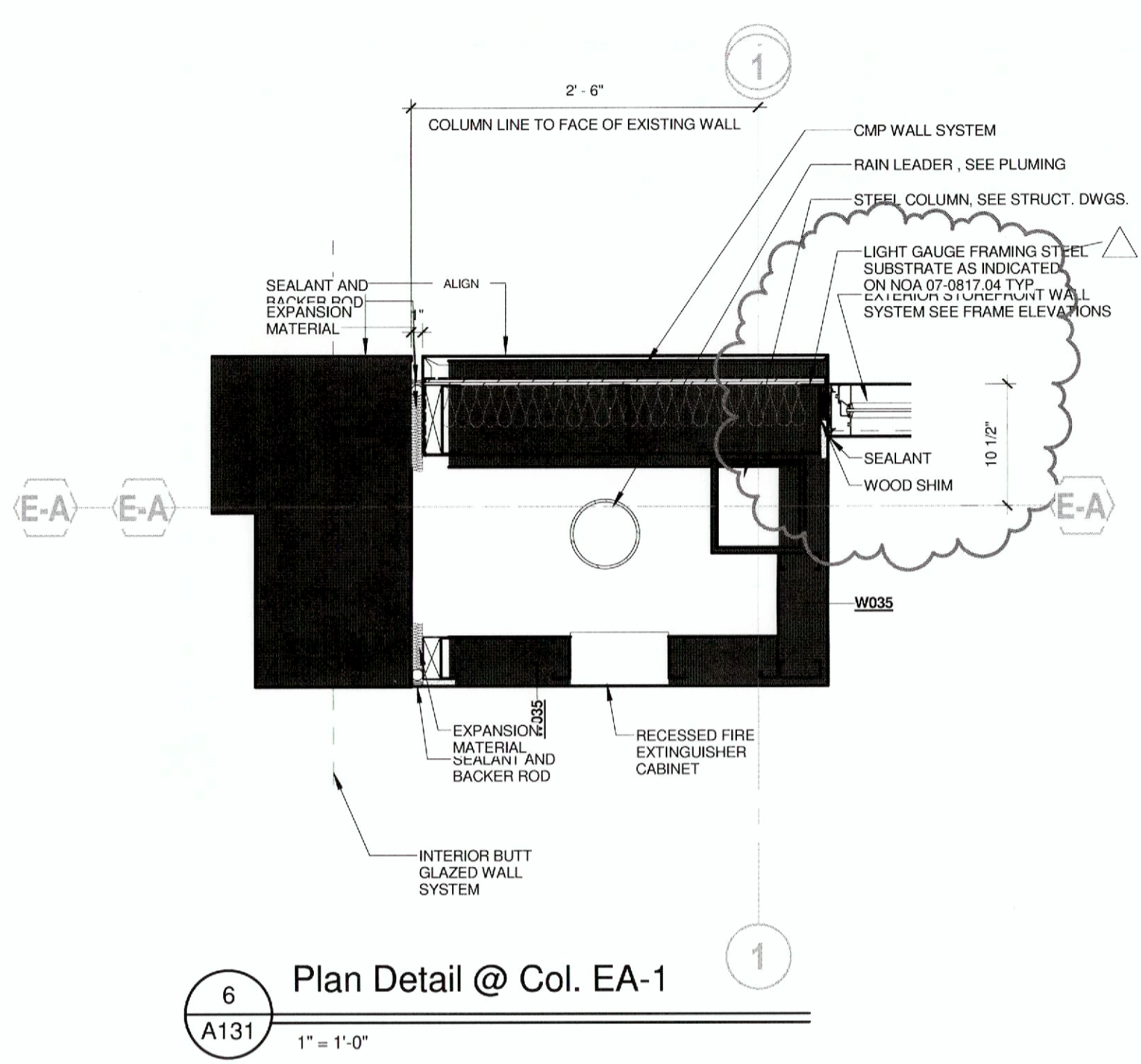
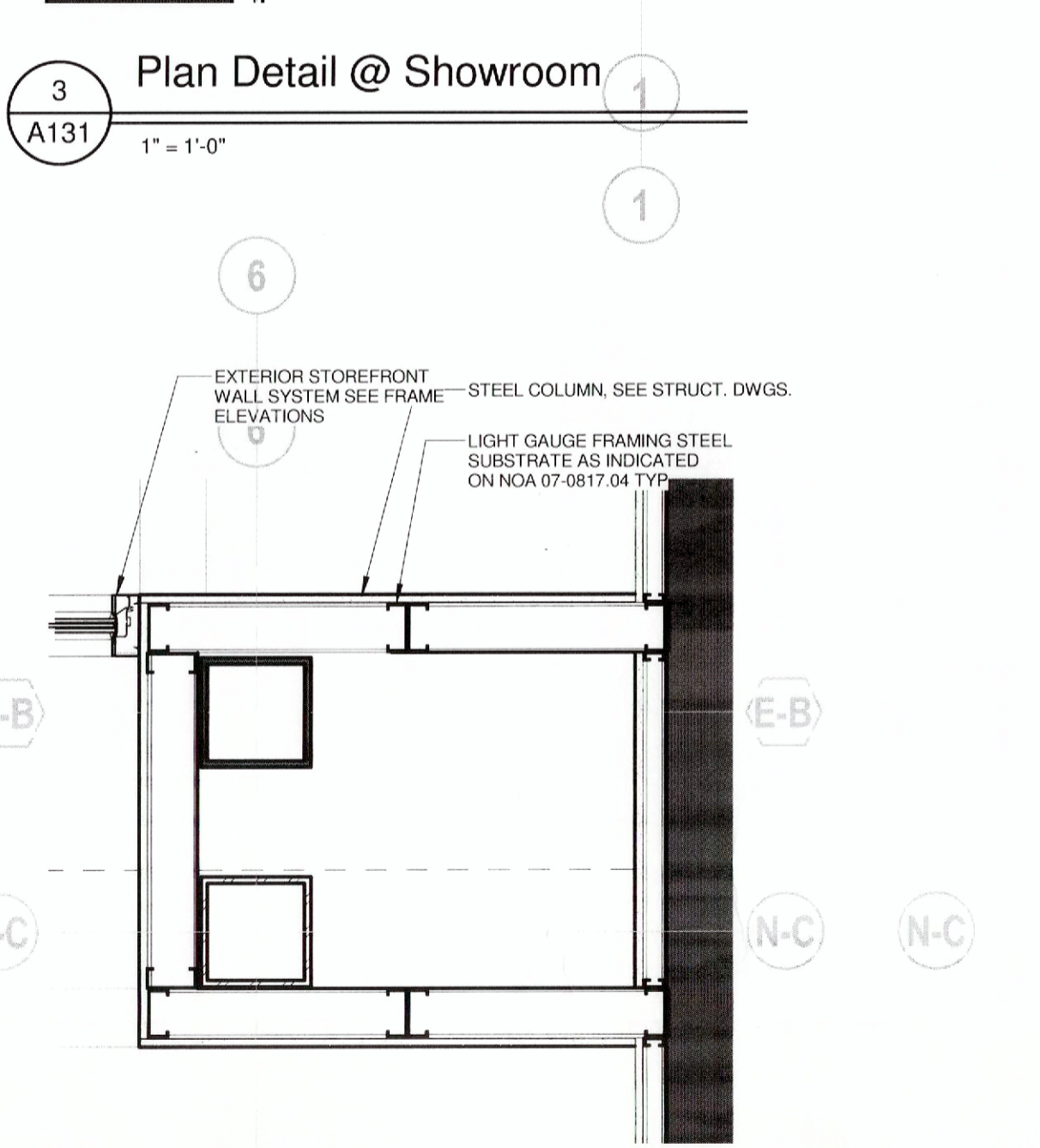
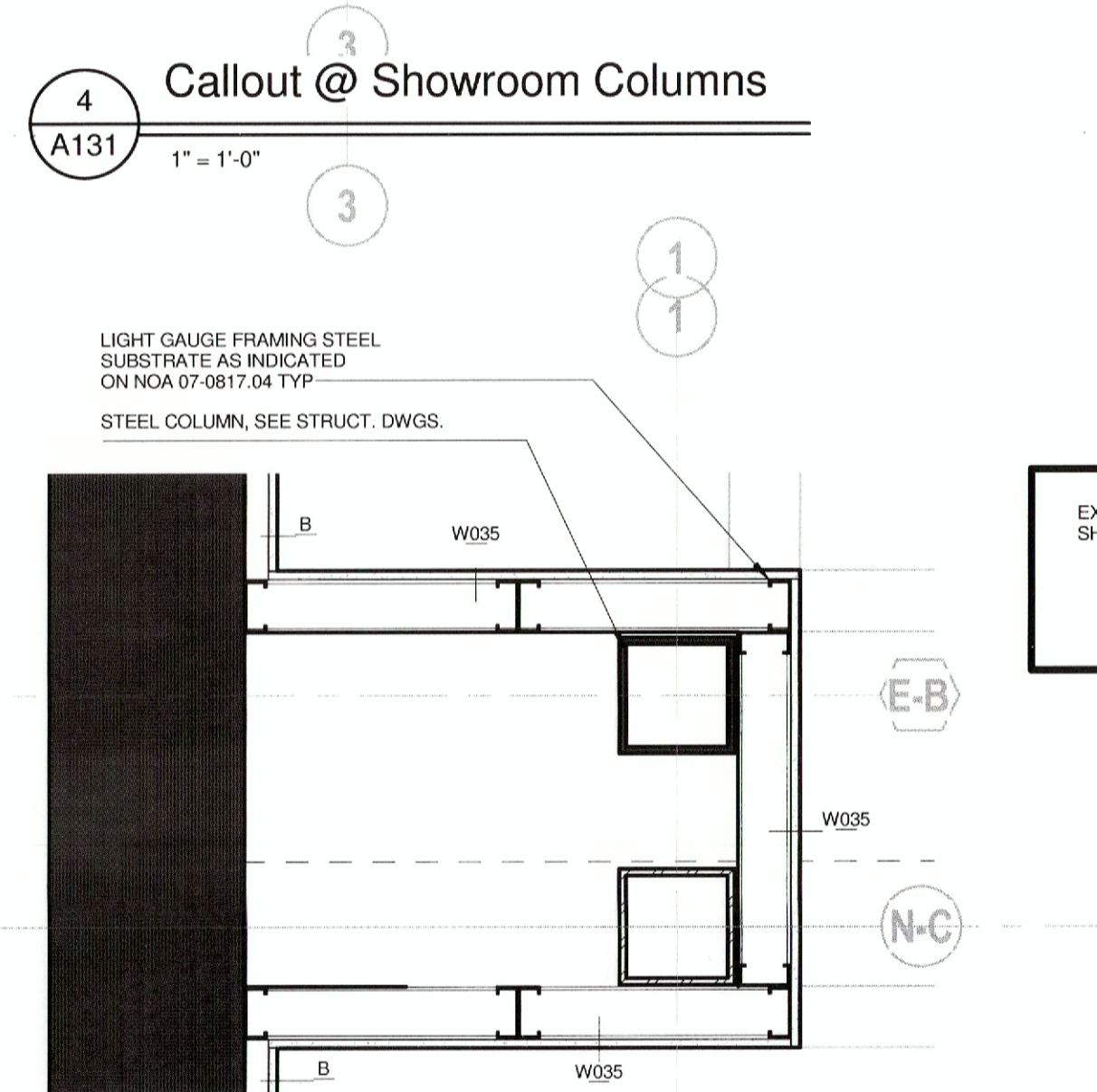
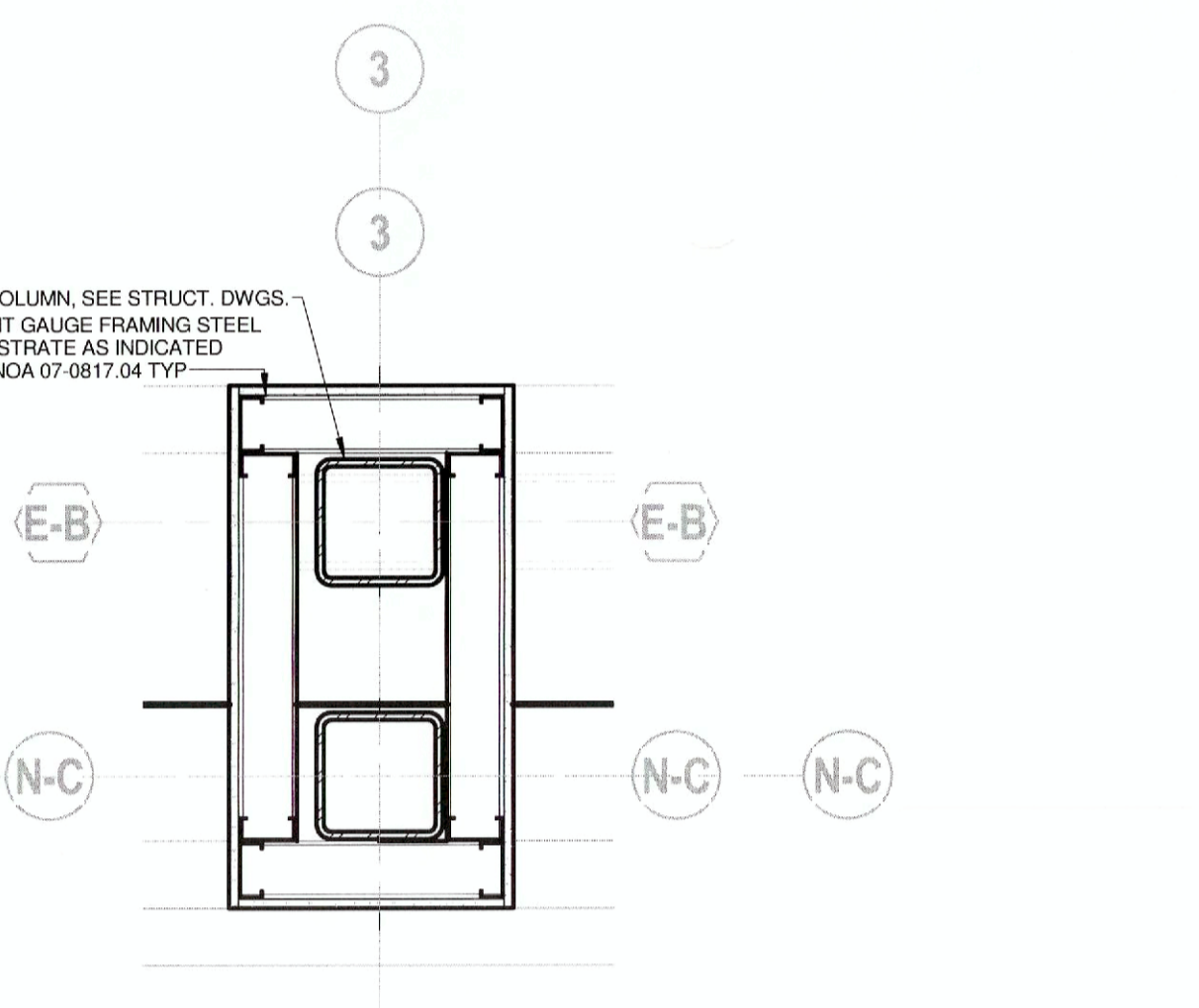
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Rev	Date	Comments
08/10/11		Permit Set

- PARTITION PLAN NOTES**
- ALL DIMENSIONS ARE TO FACE OF GYP, FACE OF CML OR FACE OF STOREFRONT UNLESS NOTED OTHERWISE.
 - SEE FINISH PLAN FOR WALL TEE AND WOOD WALL PANEL LOCATIONS.
 - SEE PARTITION TYPES LEGEND FOR PARTITION SECTION AND DESCRIPTION.
 - PARTITIONS SHOWN ARE FOR ARCHITECTURAL COORDINATION. WHERE PROVIDED, REFER TO METAL STUD ENGINEERING DRAWINGS FOR STUD SIZES.
 - TOP ELEVATION REPRESENTS TOP OF GYP FINISH. STUD FRAMING MAY CONTINUE TO DECK, OR BE BRACED TO DECK, AS REQUIRED BY ENGINEERED STUD DRAWINGS. GC SHALL FIELD COORDINATE WITH OTHER BUILDING SYSTEMS.
- PLAN NOTES**
- SEE PARTITION PLANS FOR INTERIOR PARTITION TYPES AND LOCATIONS.
 - SEE CODE PLAN FOR FIRE EXTINGUISHERS.
 - SEE SLAB PLANS FOR SLAB EGGES, INSETS, IMBEDS, AND MASONRY WALLS THAT FORM SLAB EDGES.
 - SEE ADA PLAN FOR ACCESSIBLE ROUTE, CLEARANCES AND FLOOR ELEVATION CHANGES.

- GRIDLINE TYPE LEGEND**
- NEW GRIDLINE
 - EXISTING GRIDLINE
 - F.O. MASONRY GRIDLINE
- PARTITION NOTATION**
- 1-HOUR FIRE BARRIER
 - 2-HOUR FIRE BARRIER
 - 3-HOUR FIRE BARRIER
 - EXISTING PARTITION
 - DEMOLISHED PARTITION
- NOTE: ALL EXISTING DIMENSIONS TO BE FIELD VERIFIED

- PARTITION SYMBOL LEGEND**
- W30 10'-0" = W30 - PARTITION TYPE 10'-0" = TOP OF GYP FINISH ELEVATION
 - SOUND BATTLS WHERE INDICATED



Client:
AutoNation, Inc.

200 SW 1st Avenue
Suite 1400
Fort Lauderdale, FL 33301

Project:
**AUTONATION
M-B OF
COONAT
CREEK ADDITION**
4250 N State Road 7 Coonatt
Creek, FL 33073

Project Number: 13041
Drawn By: JRG
Checked By: YSM
Approved By: YSM

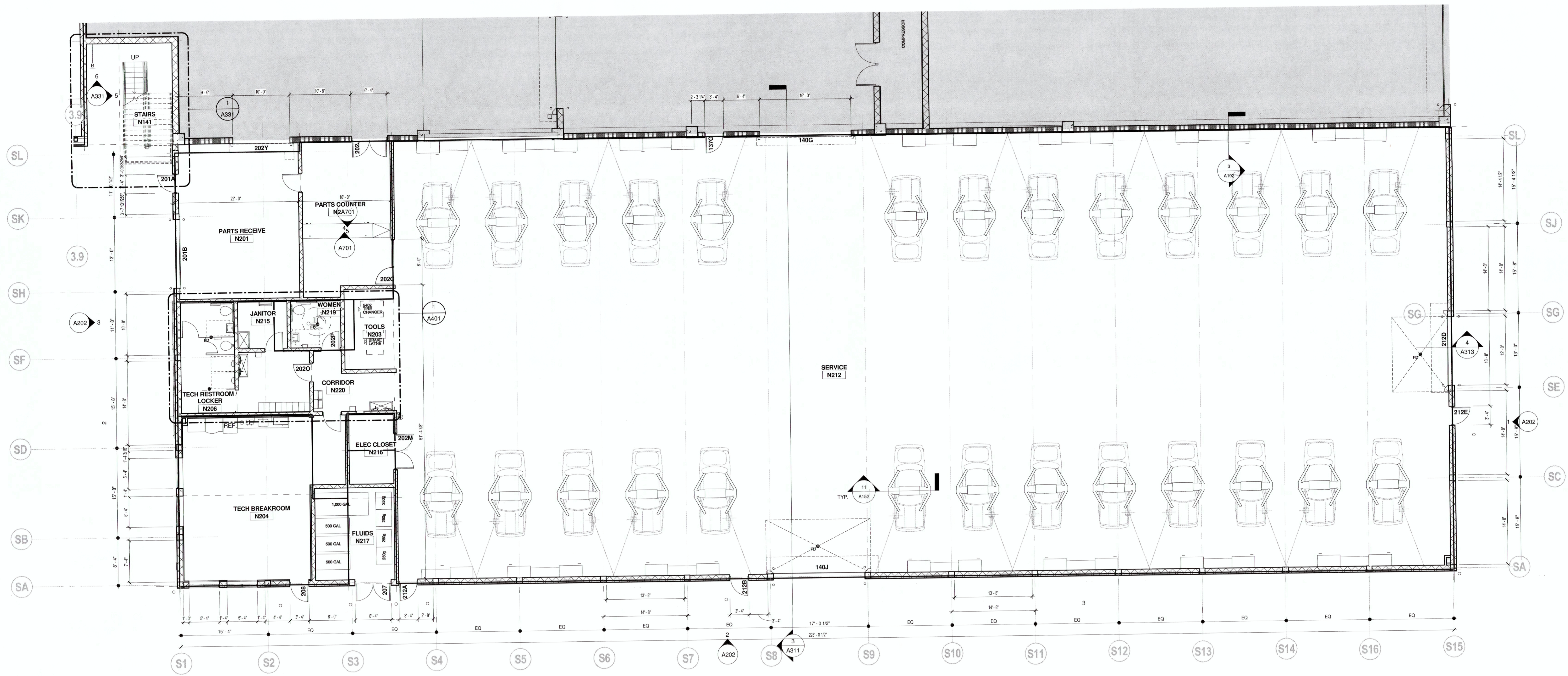
Sheet Title:
**FLOOR PLAN -
SHOWROOM**

Sheet Number:
A131

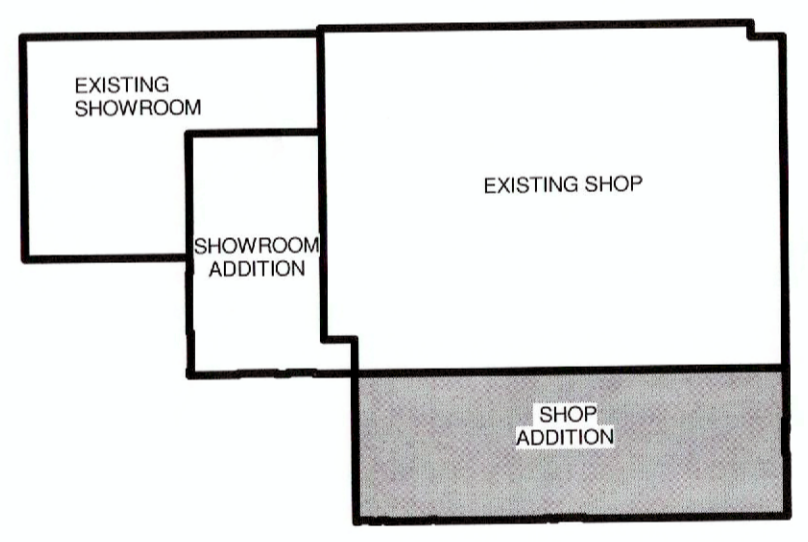


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Rev	Date	Comments



FLOOR PLAN - SHOP
1
A132
1/8" = 1'-0"
MAGNETIC NORTH



- PLAN NOTES**
- SEE PARTITION PLANS FOR INTERIOR PARTITION TYPES AND LOCATIONS
 - SEE CODE PLAN FOR FIRE EXTINGUISHERS
 - SEE SLAB PLANS FOR SLAB EDGES, RISERS, IMBEDS, AND MASONRY WALLS THAT FORM SLAB EDGES
 - SEE ADA PLAN FOR ACCESSIBLE ROUTE, CLEARANCES AND FLOOR ELEVATION CHANGES

PARTITION NOTATION

	1-HOUR FIRE BARRIER
	2-HOUR FIRE BARRIER
	3-HOUR FIRE BARRIER
	EXISTING PARTITION
	DEMOLISHED PARTITION

GRIDLINE TYPE LEGEND

	NEW GRIDLINE
	EXISTING GRIDLINE
	F.O. MASONRY GRIDLINE

NOTE: ALL EXISTING DIMENSIONS TO BE FIELD VERIFIED

Client:
AutoNation, Inc.

200 SW 1st Avenue
Suite 1400
Fort Lauderdale, FL 33301

Project:
**AUTONATION
M-B OF
COCONUT
CREEK ADDITION**
4250 N State Road 7 Coconut
Creek, FL 33073

Project Number: 13041
Drawn By: JRG
Checked By: YSM
Approved By: YSM

Sheet Title:
FLOOR PLAN - SHOP

Sheet Number:
A132

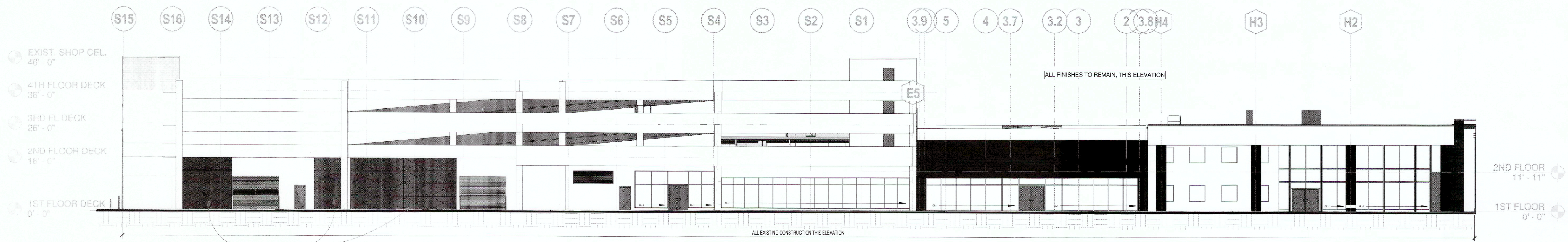


Signed & Sealed:

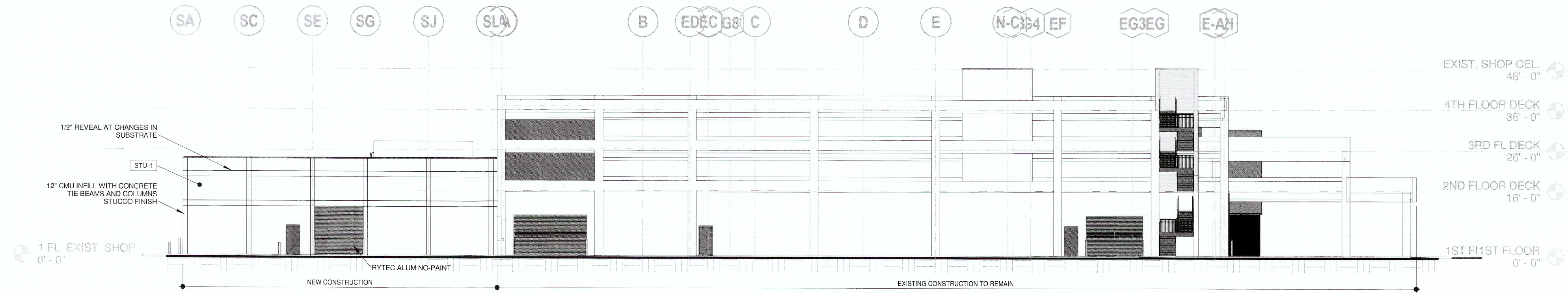
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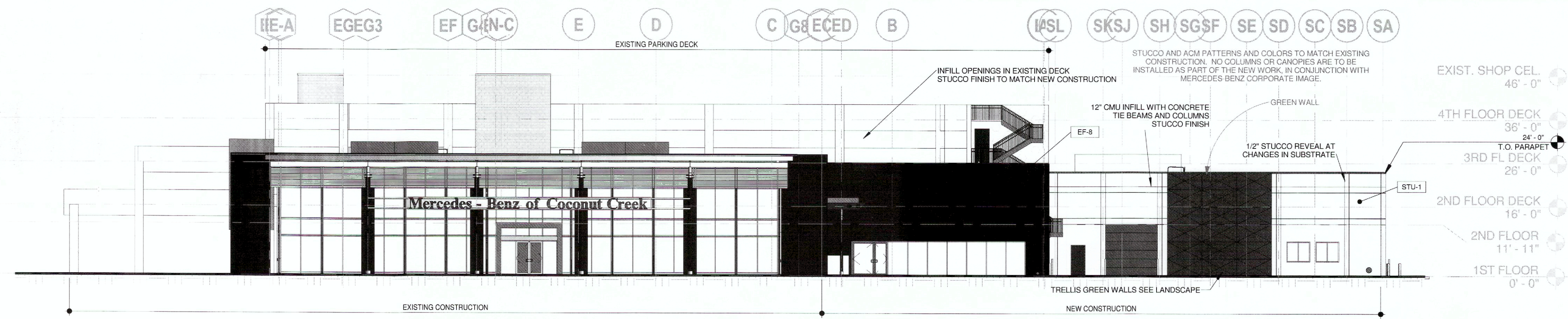
Rev	Date	Comments
	08/10/11	Permit Set



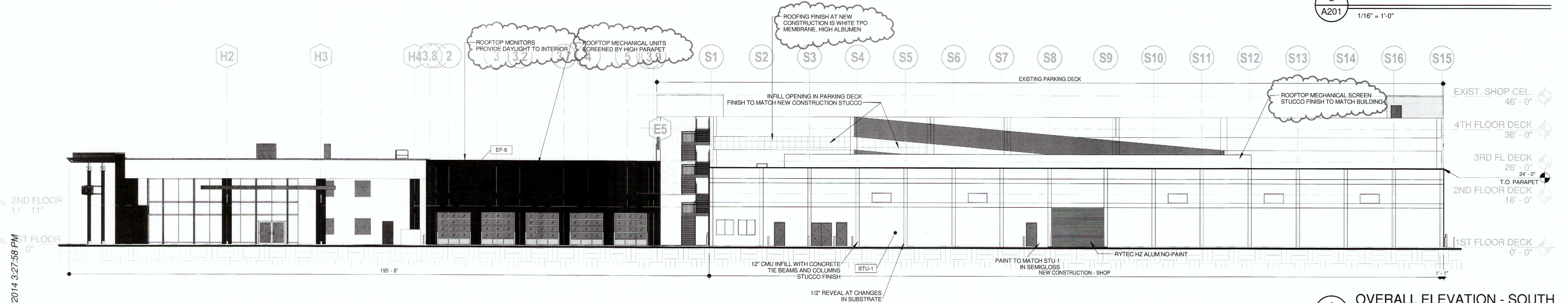
4 OVERALL ELEVATION - NORTH
A201 1/16" = 1'-0"



3 OVERALL ELEVATION - EAST
A201 1/16" = 1'-0"



2 OVERALL ELEVATION - WEST
A201 1/16" = 1'-0"



1 OVERALL ELEVATION - SOUTH
A201 1/16" = 1'-0"

Client:
AutoNation, Inc.

200 SW 1st Avenue

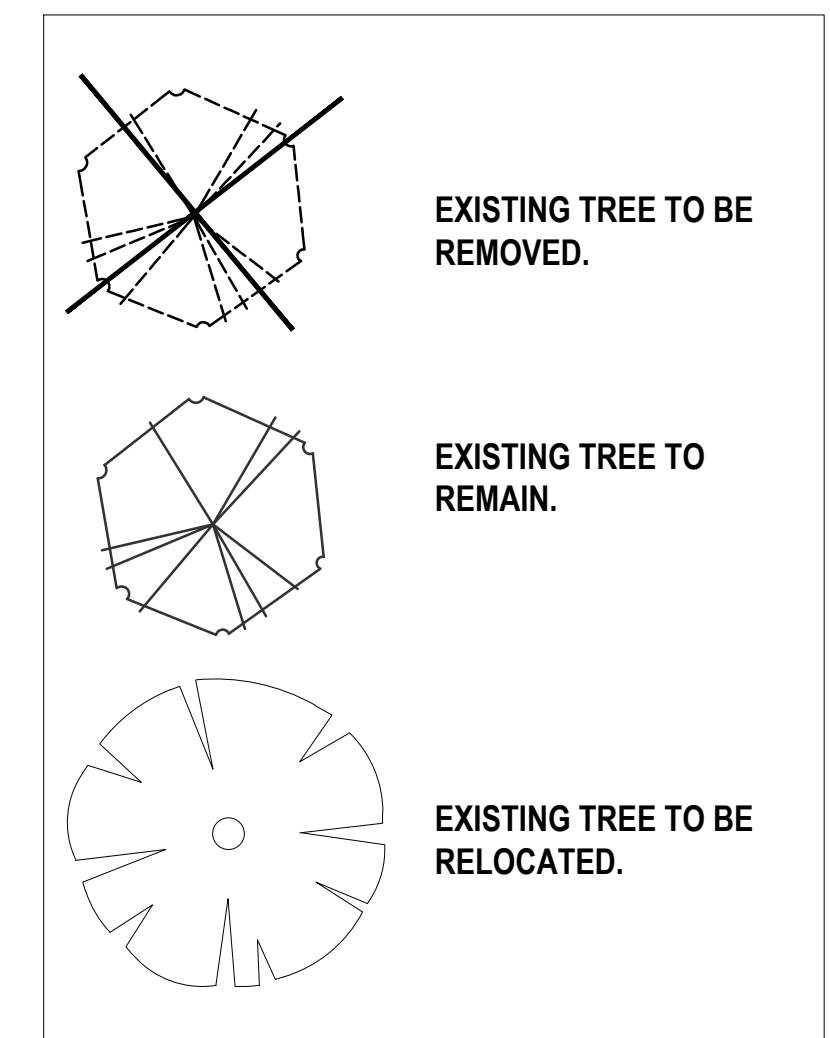
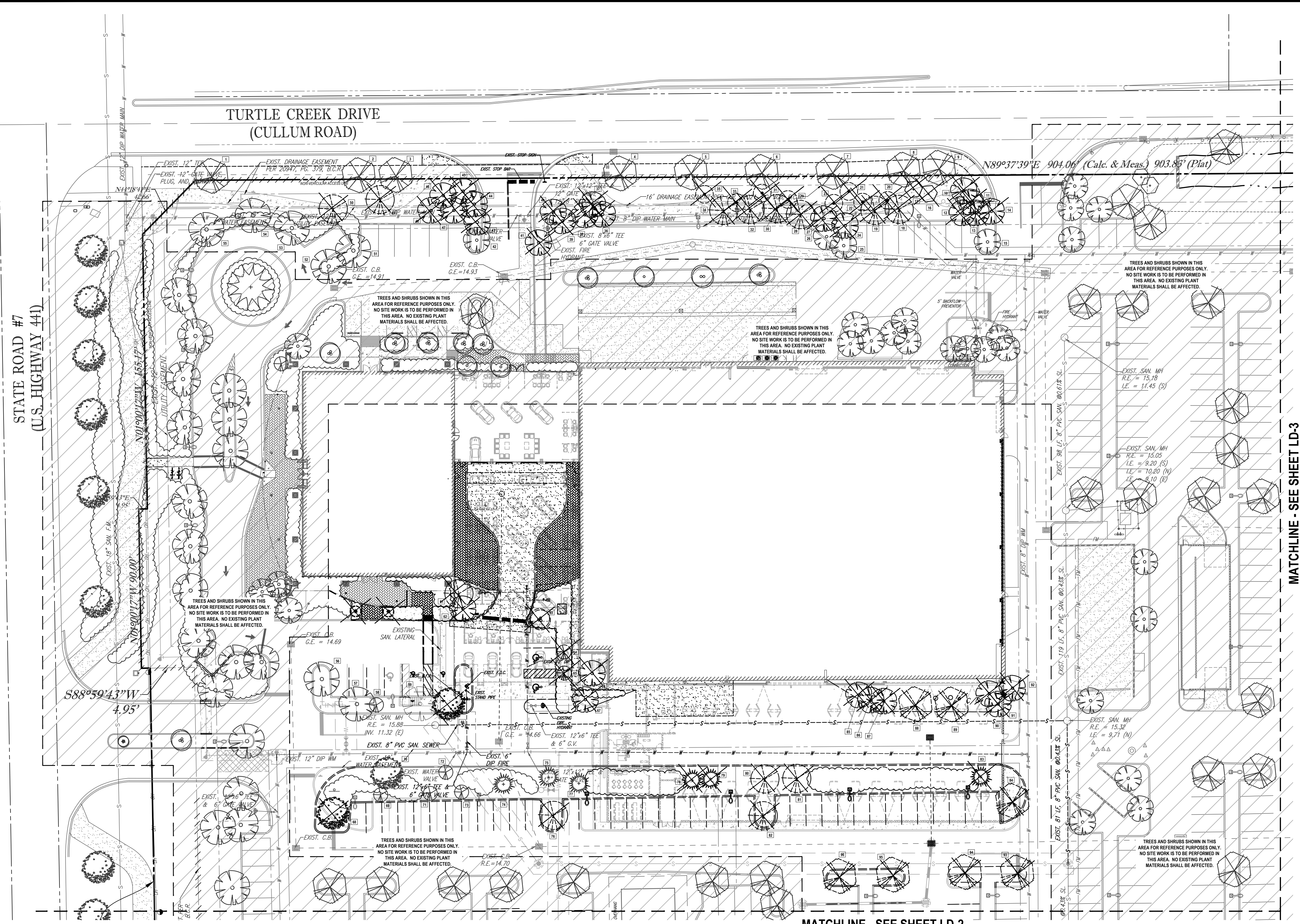
Project:
**AUTONATION
M-B OF
COCONUT
CREEK ADDITION**
4250 N State Road 7 Coconut
Creek, FL 33073

Project Number: 13041
Drawn By: JRG
Checked By: YSM
Approved By: YSM

Sheet Title:
**BUILDING
ELEVATIONS**
Fort Lauderdale, FL 33301

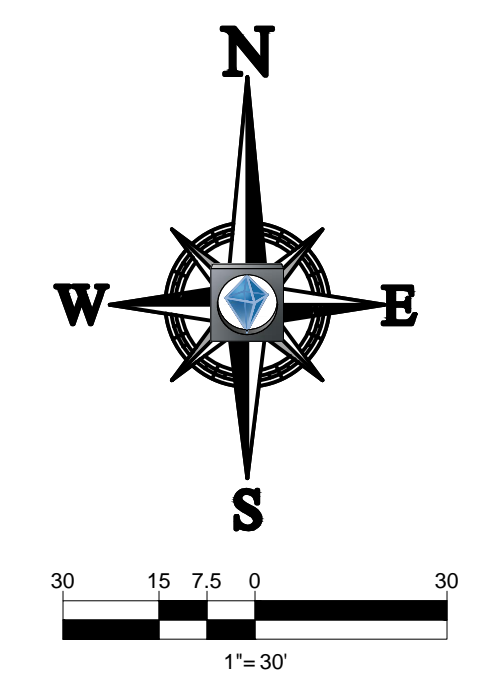
Sheet Number:
A201

8/4/2014 3:27:58 PM



MATCHLINE - SEE SHEET LD-3

MATCHLINE - SEE SHEET LD-2



PLEASE REFER TO SHEET LD-4 FOR TREE DISPOSITION CHART, GENERAL NOTES AND TREE PROTECTION BARRIER DETAIL; AND TO SHEET LP-1 FOR LANDSCAPE PLANTING PLAN.

THOMAS
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CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

OFFICES:
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4950 W. KENNEDY BLVD.
TAMPA, FLORIDA 33609

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REV.	DATE	COMMENT	BY

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PROJECT No.: F100106
DRAWN BY: KLB
CHECKED BY: JMG
DATE: XXXXXXXX
CAD LD.: F100106 TREE DISPOSITION PLAN

PROJECT:

**MERCEDES-BENZ
OF COCONUT CREEK**

FOR
**HODGEN
CONSTRUCTION**

4250 NORTH STATE ROAD 7
CITY OF CORAL SPRINGS
BROWARD COUNTY, FLORIDA

THOMAS
ENGINEERING GROUP

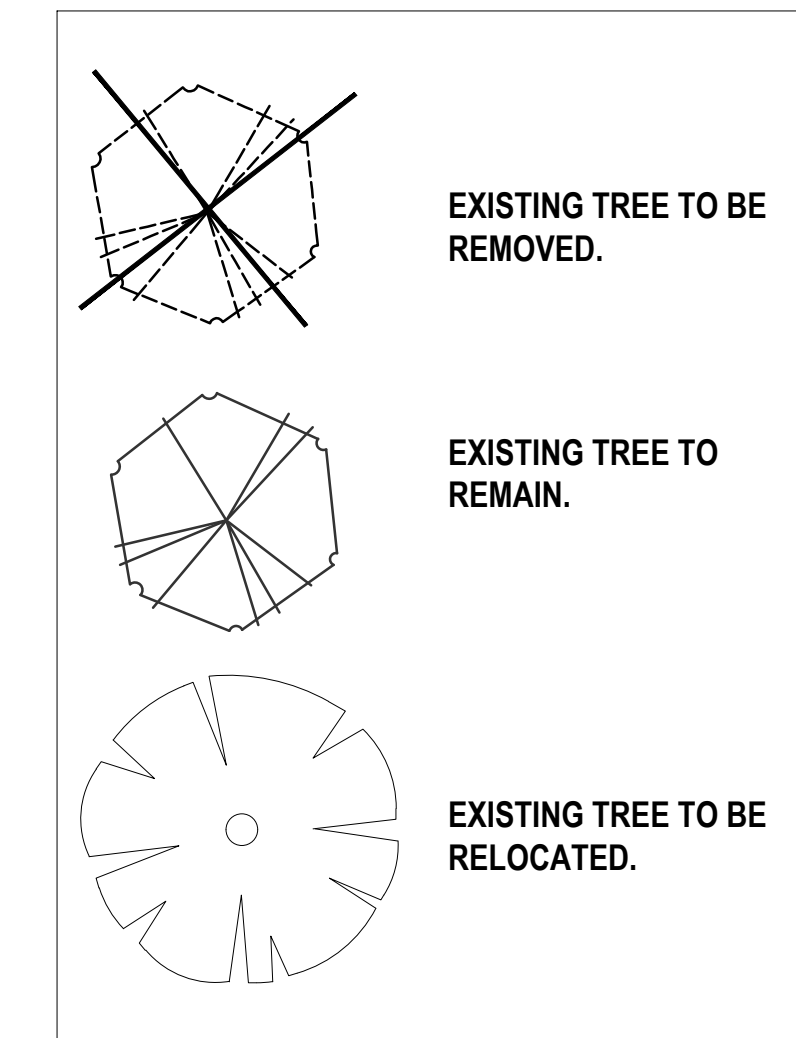
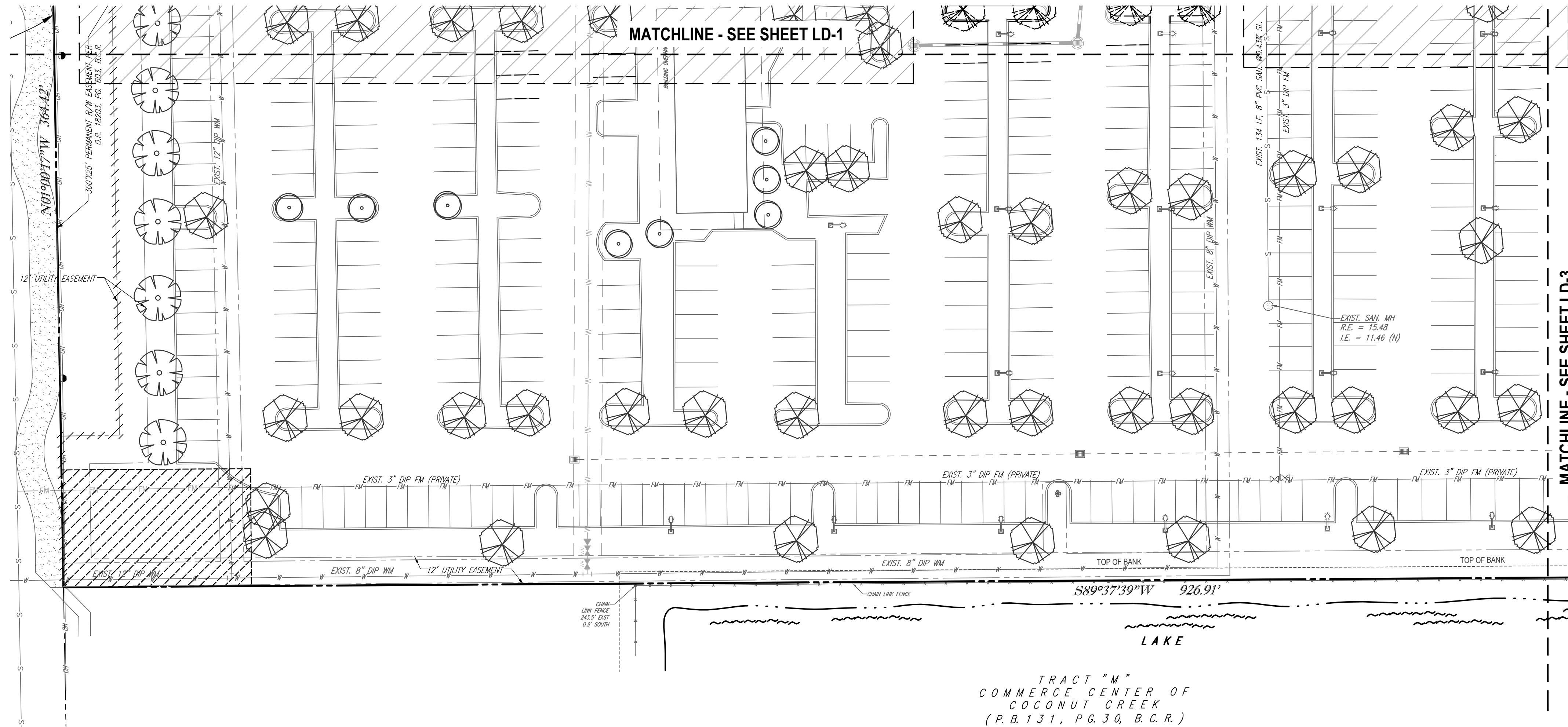
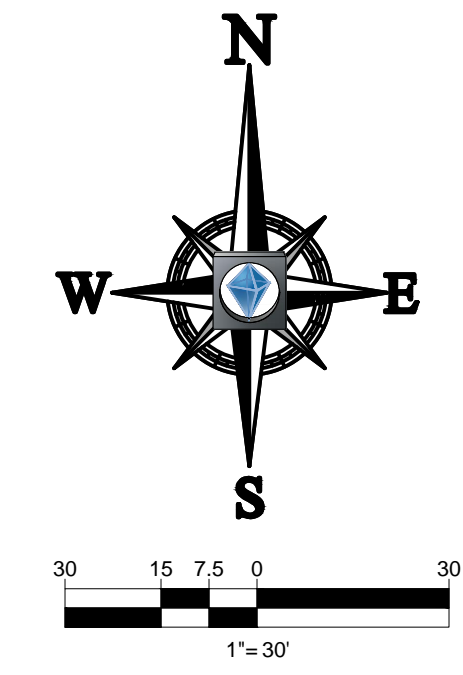
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FORT LAUDERDALE, FL 33334
PH: (954) 202-7000
FX: (954) 202-7070
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MICHAEL D. GROSSWIRTH

REGISTERED LANDSCAPE ARCHITECT
XXXXXXX
FLORIDA LICENSE No. 666871
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
**TREE
DISPOSITION
PLAN**

SHEET NUMBER:
LD-1



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CAD LD.: F100106 TREE DISPOSITION PLAN

PROJECT:

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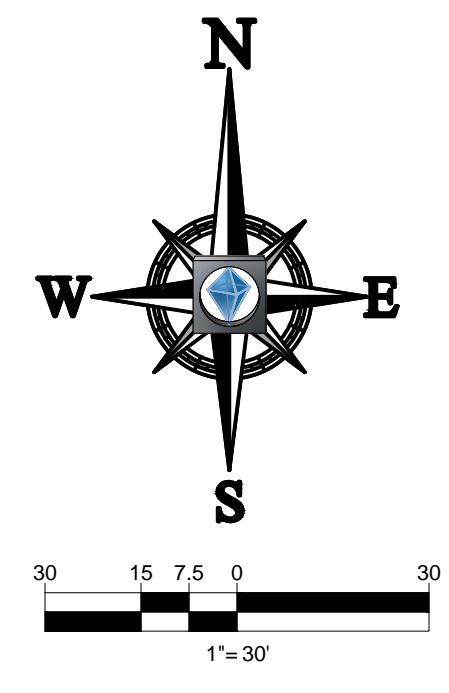
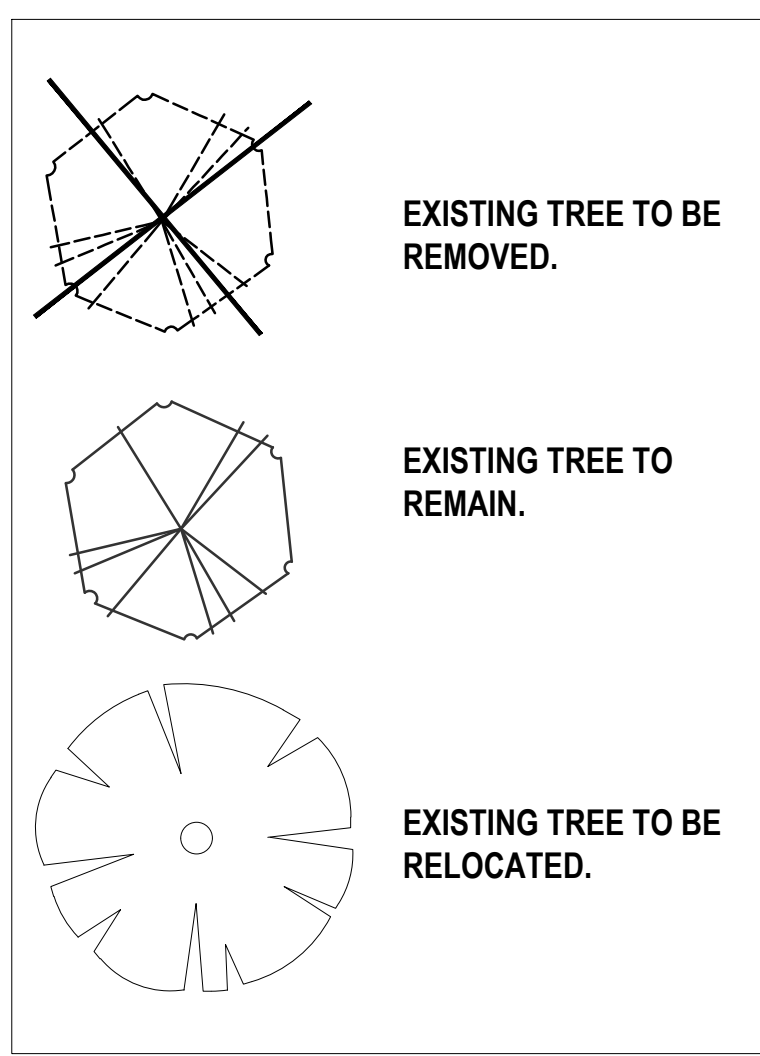
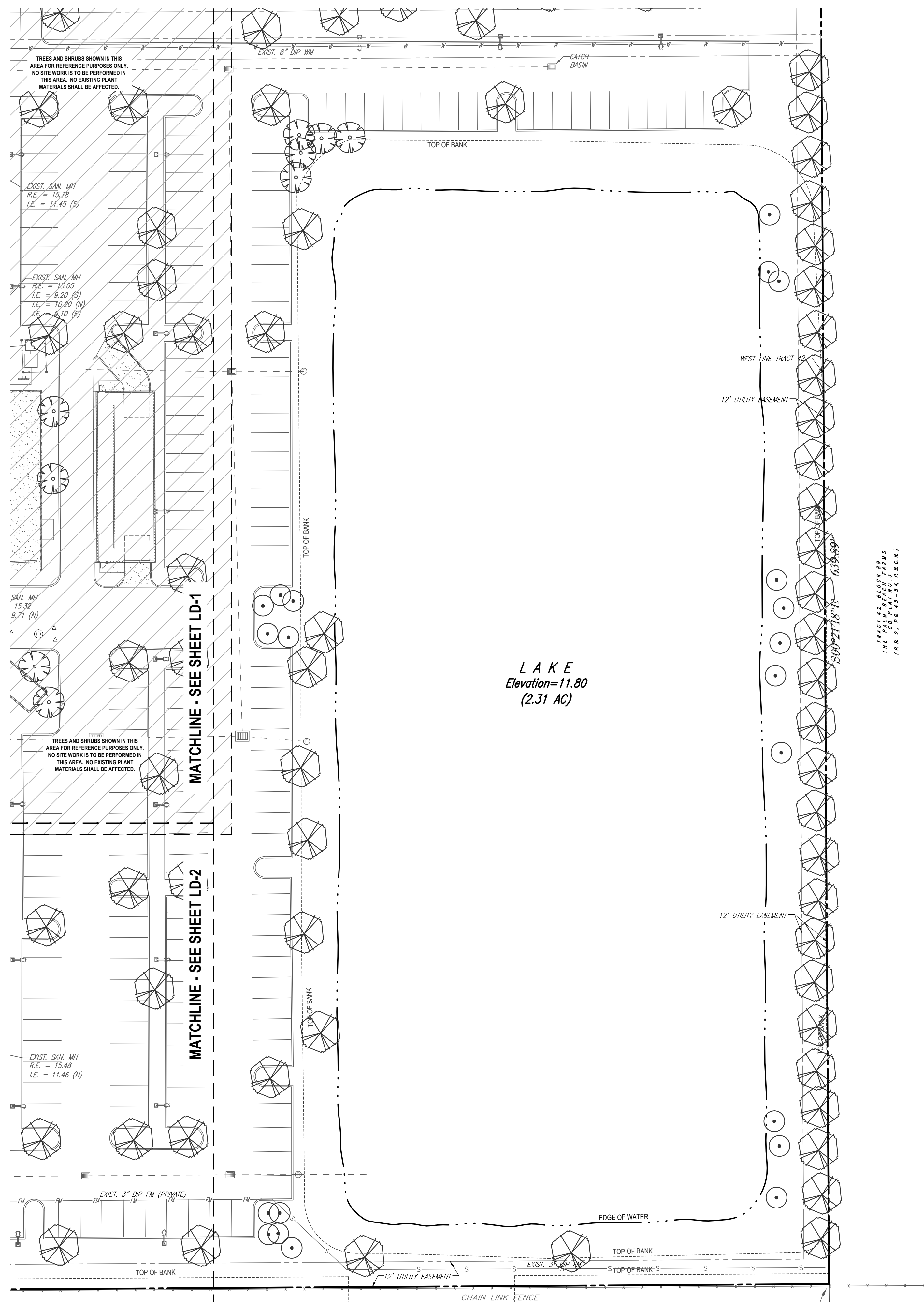
MICHAEL D. GROSSWIRTH

REGISTERED LANDSCAPE ARCHITECT
FLORIDA LICENSE No. 6666871
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
**TREE
DISPOSITION
PLAN**

SHEET NUMBER:
LD-2

PLEASE REFER TO SHEET LD-4 FOR TREE DISPOSITION CHART, GENERAL NOTES AND TREE PROTECTION BARRIER DETAIL; AND TO SHEET LP-1 FOR LANDSCAPE PLANTING PLAN.



TRACT 42, BLOCK 89
THE PALM WATERS TOWNSHIP
(P.M.S. 98-15-56, A.B.C.A.)

L A K E
Elevation=11.80
(2.31 AC)

MATCHLINE - SEE SHEET LD-1

MATCHLINE - SEE SHEET LD-2

PLEASE REFER TO SHEET LD-4 FOR TREE DISPOSITION CHART, GENERAL NOTES AND TREE PROTECTION BARRIER DETAIL; AND TO SHEET LP-1 FOR LANDSCAPE PLANTING PLAN.

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OFFICES:
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TAMPA, FLORIDA 33609

1000 CORPORATE DR.
FORT LAUDERDALE, FLORIDA 33334

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ENTITLEMENT

PROJECT No.: F100106
DRAWN BY: KLB
CHECKED BY: JMG
DATE: XXXXXXXX
CAD ID.: F100106 TREE DISPOSITION PLAN

PROJECT:
**MERCEDES-BENZ
OF COCONUT CREEK**

FOR
**HODGEN
CONSTRUCTION**

4250 NORTH STATE ROAD 7
CITY OF CORAL SPRINGS
BROWARD COUNTY, FLORIDA

THOMAS
ENGINEERING GROUP

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FORT LAUDERDALE, FL 33334
PH: (954) 202-7000
FX: (954) 202-7070
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MICHAEL D. GROSSWIRTH

REGISTERED LANDSCAPE ARCHITECT
XXXXXXX
FLORIDA LICENSE No. 6666871
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
**TREE
DISPOSITION
PLAN**

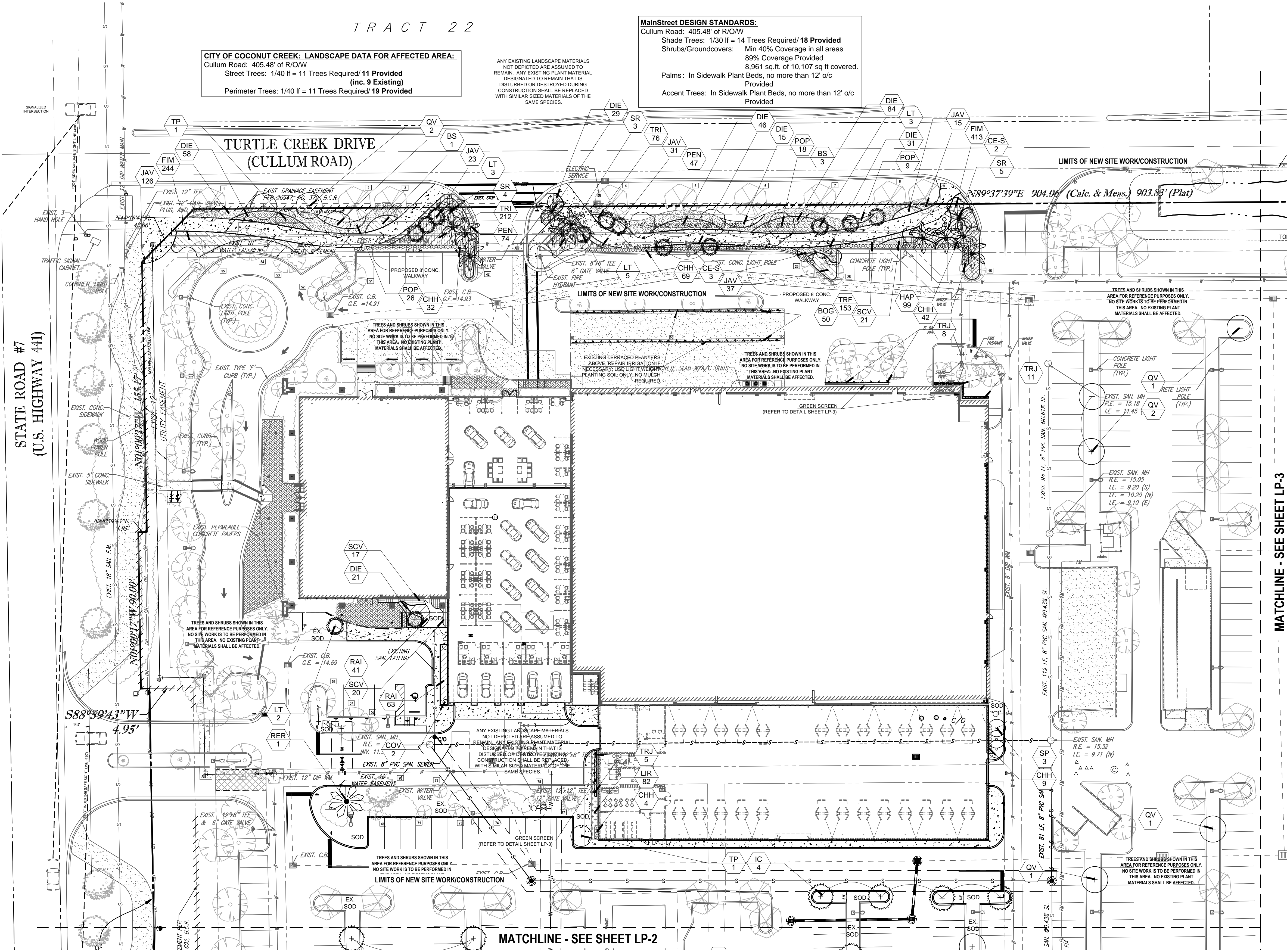
SHEET NUMBER:
LD-3

TRACT 22

CITY OF COCONUT CREEK: LANDSCAPE DATA FOR AFFECTED AREA:
 Cullum Road: 405.48' of R/O/W
 Street Trees: 1/40 If = 11 Trees Required/11 Provided (Inc. 9 Existing)
 Perimeter Trees: 1/40 If = 11 Trees Required/19 Provided

ANY EXISTING LANDSCAPE MATERIALS NOT DEPICTED ARE ASSUMED TO REMAIN. ANY EXISTING PLANT MATERIAL DESIGNATED TO REMAIN THAT IS DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED WITH SIMILAR SIZED MATERIALS OF THE SAME SPECIES.

MainStreet DESIGN STANDARDS:
 Cullum Road: 405.48' of R/O/W
 Shade Trees: 1/30 If = 14 Trees Required/ 18 Provided
 Shrubs/Groundcovers: Min 40% Coverage in all areas
 89% Coverage Provided
 8,961 sq.ft. of 10,107 sq ft covered.
 Palms: In Sidewalk Plant Beds, no more than 12' o/c Provided
 Accent Trees: In Sidewalk Plant Beds, no more than 12' o/c Provided



NOTE: UNLESS OTHERWISE NOTED, ALL EXISTING LANDSCAPING TO REMAIN AS IS. EXISTING IRRIGATION TO BE FIELD ADJUSTED TO PROVIDE 100% COVERAGE TO ALL NEW AND EXISTING LANDSCAPE AREAS. CONTRACTOR TO ASSESS EXISTING SYSTEM TO ENSURE ALL EQUIPMENT IS FUNCTIONAL AND USABLE, AND SHALL INFORM THE LANDSCAPE ARCHITECT IMMEDIATELY IF ANY PART OF THE SYSTEM IS NON FUNCTIONAL.

PLEASE REFER TO TREE DISPOSITION PLANS, SHEETS LD-1, LD-2, LD-3 AND LD-4 FOR INFORMATION REGARDING EXISTING TREES, AND; TO SHEET LP-4 FOR PLANT SCHEDULE, CITY OF COCONUT CREEK NOTES, PLANTING DETAILS, AND GENERAL LANDSCAPE NOTES.

NEW TREES PLANTED IN PARKING LOT AREAS ARE TO BRING THE SITE INTO CONFORMANCE WITH THE CITY OF COCONUT CREEK LANDSCAPE CODE ARTICLE III, DIVISION 4, SECTION 13-443 AND 13-444; INCLUDING 1 TREE/40' OF SITE PERIMETER; 1 TREE/PARKING LOT ISLAND, AND; 1 TREE/40' OF PARKING MEDIAN. ALL REQUIRED TREES ARE PROVIDED AREAS OF THE SITE SHALL NOW BE IN COMPLIANCE.

TREE MITIGATION:
 TOTAL CANOPY REMOVED: 16,808 sq.ft.
 TOTAL REQUIRED REPLACEMENT: 57 CAT. I TREES
 TOTAL TREES REPLACED (ABOVE CODE): 12 TREES (see calculations above, this sheet).
 TOTAL TREE DEFICIT: 45 TREES*
 *PLEASE REFER TO SHEET LD-4 FOR MITIGATION OPTIONS.

THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
 OFFICES:
 4980 W. KENNEDY BLVD.
 FORT LAUDERDALE, FLORIDA 33309
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 FORT LAUDERDALE, FLORIDA 33334

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REV.	DATE	COMMENT	BY

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ENTITLEMENT

PROJECT No.:	F100106
DRAWN BY:	KLB
CHECKED BY:	JMG
DATE:	XXXXXX/XX/XX
CAD I.D.:	F100106 LANDSCAPE PLAN

PROJECT:
MERCEDES-BENZ OF COCONUT CREEK

FOR
HODGEN CONSTRUCTION

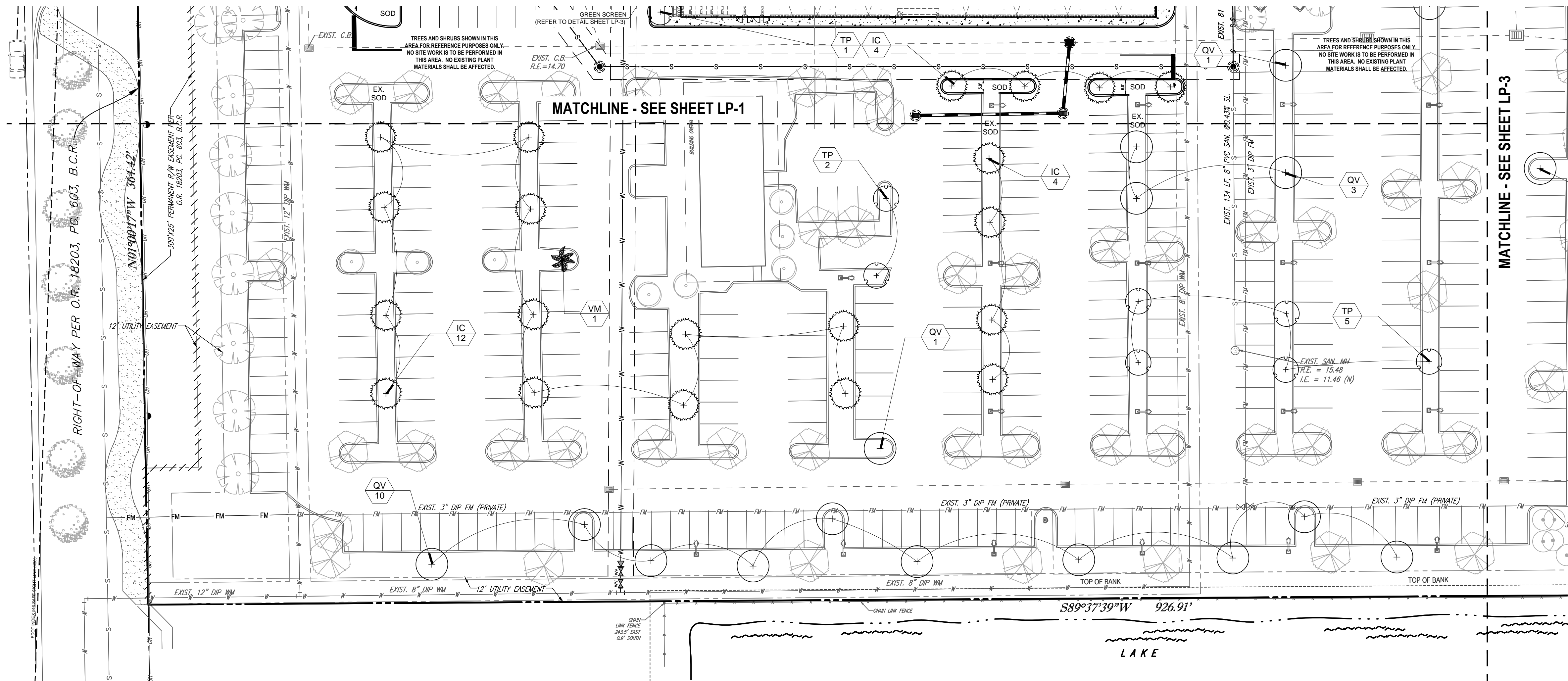
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 CITY OF CORAL SPRINGS
 BROWARD COUNTY, FLORIDA

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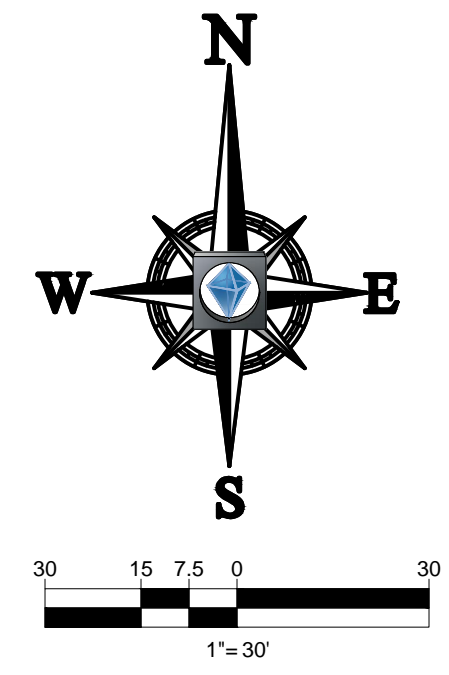
MICHAEL D. GROSSWIRTH
 REGISTERED LANDSCAPE ARCHITECT
 XXXXXXXX
 FLORIDA LICENSE No. 6666871
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
LANDSCAPE PLANTING PLAN
 SHEET NUMBER:
LP-1

Printed on Tuesday, August 05, 2014, 8:54 AM by Keith Brown



TRACT "M"
 COMMERCE CENTER OF
 COCONUT CREEK
 (P.B. 131, P.G. 30, B.C.R.)



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TOTAL TREE DEFICIT: 45 TREES*
 *PLEASE REFER TO SHEET LD-4 FOR MITIGATION OPTIONS.
 PLEASE REFER TO TOP OF SHEET LP-1 FOR MITIGATION CALCULATIONS.

NEW TREES PLANTED IN PARKING LOT AREAS ARE TO BRING THE SITE INTO CONFORMANCE WITH THE CITY OF COCONUT CREEK LANDSCAPE CODE ARTICLE III, DIVISION 4, SECTION 13-443 AND 13-444; INCLUDING 1 TREE/40' OF SITE PERIMETER; 1 TREE/PARKING LOT ISLAND, AND; 1 TREE/40' OF PARKING MEDIAN. ALL REQUIRED TREES ARE PROVIDED AREAS OF THE SITE SHALL NOW BE IN COMPLIANCE.

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 OFFICES:
 4950 W. KENNEDY BLVD.
 FT. LAUDERDALE, FL 33334
 1000 CORPORATE DR.
 FT. LAUDERDALE, FLORIDA 33334
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ENTITLEMENT

PROJECT No.:	F100106
DRAWN BY:	KLB
CHECKED BY:	JMG
DATE:	XX/XX/XXXX
CAD I.D.:	F100106 LANDSCAPE PLAN

PROJECT:
MERCEDES-BENZ OF COCONUT CREEK
 FOR
HODGEN CONSTRUCTION
 4250 NORTH STATE ROAD 7
 CITY OF CORAL SPRINGS
 BROWARD COUNTY, FLORIDA

THOMAS
 ENGINEERING GROUP
 RADICE III
 1000 CORPORATE DRIVE, SUITE 250
 FORT LAUDERDALE, FL 33334
 PH: (954) 202-7000
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MICHAEL D. GROSSWIRTH
 REGISTERED LANDSCAPE ARCHITECT
 XXXXXXXX
 FLORIDA LICENSE No. 6666871
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:
LANDSCAPE PLANTING PLAN
 SHEET NUMBER:
LP-2

