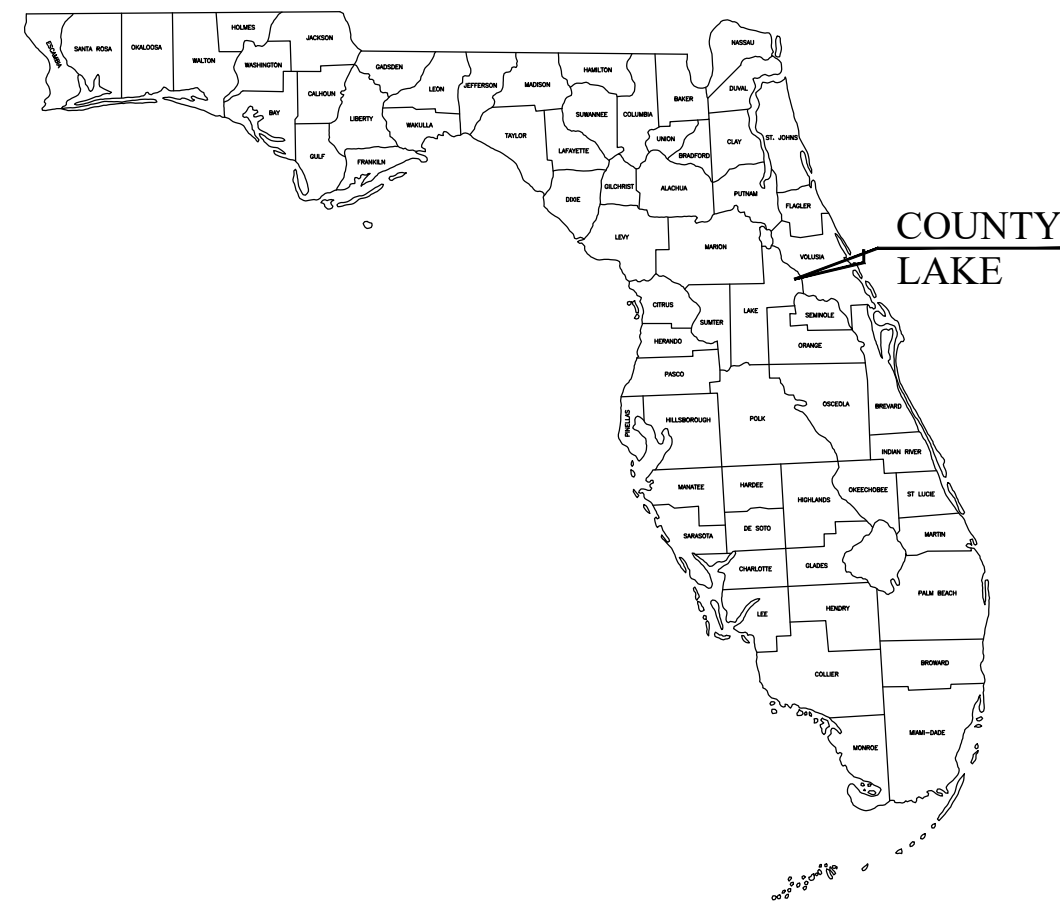


# CONSTRUCTION PLANS FOR PROPOSED CHASE BANK

US 441 & SR 25  
LADY LAKE, LAKE COUNTY, FLORIDA 32159

PREPARED FOR:  
BDG ARCHITECTS, LLP  
FEBRUARY 2025



## PROJECT LOCATION

### PROJECT CONTACTS:

ENGINEER OF RECORD:  
DYNAMIC ENGINEERING CONSULTANTS, P.C.  
100 NE 5TH AVE, SUITE B2  
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LANDSCAPE ARCHITECT:  
EVERGREEN DESIGN GROUP  
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SURVEYOR:  
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VERO BEACH, FL 32966  
(772) 538-1858  
CONTACT: WILLIAM WRIGHT, PSM

OWNER:  
SRK LADY LAKE 43 ASSOCIATES LLC  
4053 MAPLE ROAD, SUITE 200  
AMHERST, NY, 14226

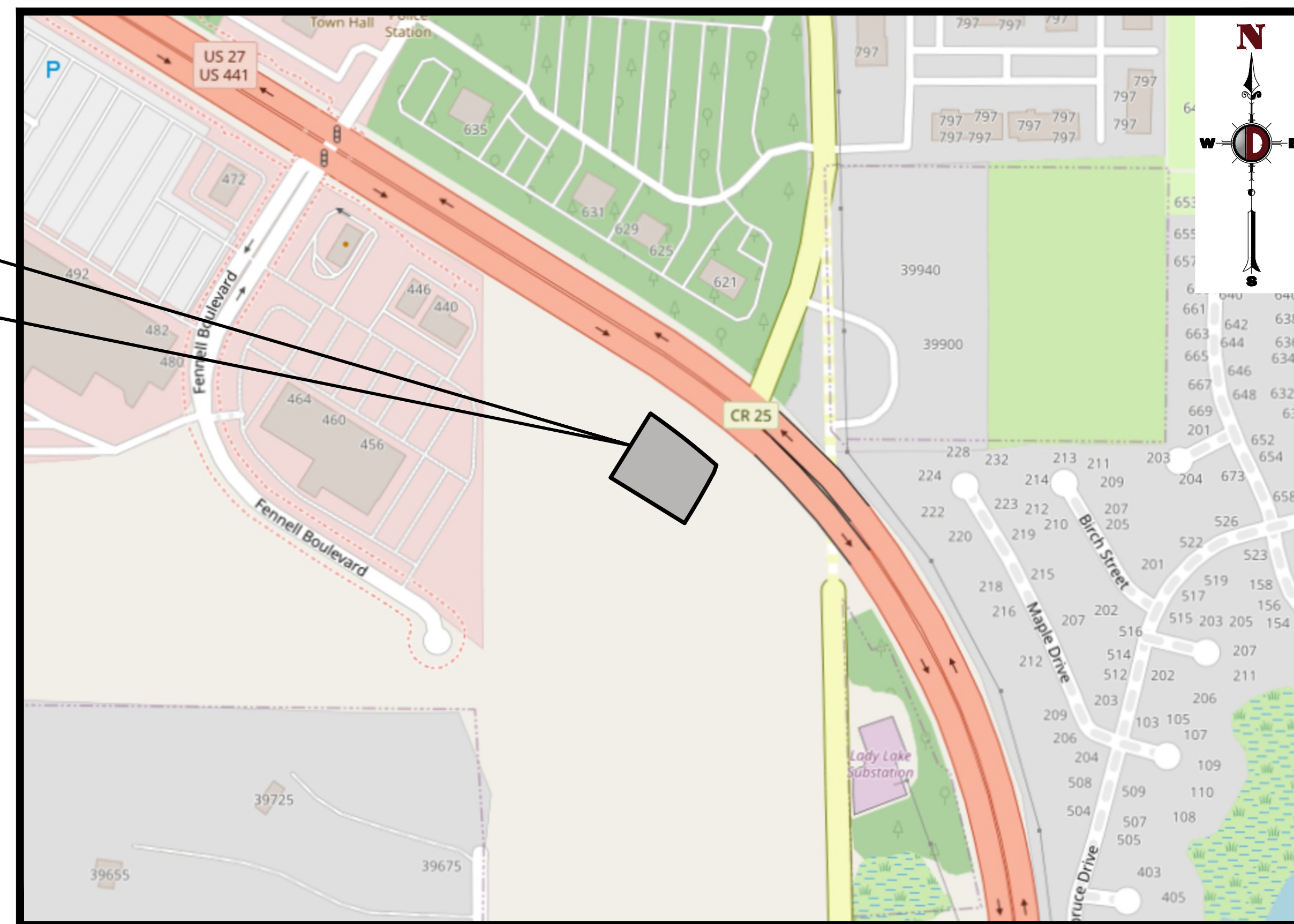
### AGENCY CONTACTS:

PLANNING AND ZONING:  
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409 FENNEL BLVD.  
LADY LAKE, FL, 32159  
(352) 751-1555  
CONTACT: REBECCA HIGGINS

LAND DEVELOPMENT:  
TOWN OF LADY LAKE GROWTH MANAGEMENT  
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LADY LAKE, FL, 32159  
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CONTACT: THAD CARROLL

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LAKE COUNTY FIRE RESCUE  
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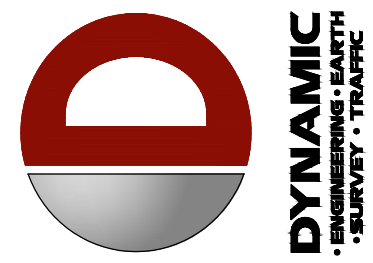
UTILITIES:  
TOWN OF LADY LAKE UTILITIES  
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LADY LAKE, FL, 32159  
(352) 751-1511  
CONTACT: C.T. EAGLE



VICINITY MAP  
SCALE: AS NOTED  
SECTION 17, TOWNSHIP 18 S, RANGE 24 E

DRAWING INDEX	
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C1.01	REFUSE TRUCK CIRCULATION PLAN
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PREPARED BY  
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REV.	DATE	BY	COMMENTS
4	11/17/25	REVISOR	REVISOR
3	08/11/25	AGENCY COMMENTS	AGENCY COMMENTS
2	05/09/25	AGENCY COMMENTS	AGENCY COMMENTS
1	04/17/25	BOE REVIEW COMMENTS	BOE REVIEW COMMENTS

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DESIGNED BY: JCP  
CHECKED BY: MDM  
DRAWN BY: SRM

PROJECT: **BDG ARCHITECTS, LLP**  
**PROPOSED CHASE BANK**  
US 441 & CR 25  
LADY LAKE, LAKE COUNTY, FLORIDA 32159

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SCALE: (H) AS NOTED (M) NOTED DATE: 02/12/2025  
PROJECT No: 2521-24-02799

SHEET No: **C0.00** Rev. #: **4**

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## GENERAL CONSTRUCTION NOTES

- THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES HAVING JURISDICTION (AHJ), SPECIFICATIONS AND REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES WHICH MAY BUREAU OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 2 WORKING DAYS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR MUST MAKE CONTACT WITH THE UTILITY COMPANIES PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR AT ALL TIMES SHALL HAVE ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS AVAILABLE AT THE JOB SITE.
- ANY DISCREPANCIES ON THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER OF RECORD SHALL BE MADE.
- ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS TO THE ENGINEER OF RECORD. ALL SURVEY COSTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ALL QUANTITIES, TAKE-OFF MEASUREMENTS, MATERIALS, ETC. DURING THE BID PROCESS. WHEN DISCREPANCIES OCCUR, THE PHYSICAL SIGNED & SEALED PLAN TAKES PRECEDENCE. THE ENGINEER, LANDSCAPE ARCHITECT, CITY, COUNTY OR PROJECT MANAGERS ARE NOT TO BE HELD RESPONSIBLE FOR DISCREPANCIES TO THE SPECIFICATIONS OR PLANS. ANY QUANTITIES PROVIDED ARE FOR REFERENCE ONLY.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF CONSTRUCTION.
- CONTRACTOR IS ADVISED THAT THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THAT ALL OPERATORS FILE A NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NPDES GENERAL PERMIT PRIOR TO BEGINNING WORK. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN. CONTRACTOR SHALL SEND A COPY TO THE ENGINEER OF RECORD AND THE OWNER.
- FLORIDA LAW (F.S.553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION WITHOUT FIRST OBTAINING INFORMATION CONCERNING THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF PROPOSED EXCAVATION. THE EXCAVATOR MUST NOTIFY THE GAS UTILITY A MINIMUM OF 2 WORKING DAYS AND A MAXIMUM OF 5 DAYS PRIOR TO EXCAVATION EXCLUDING HOLIDAYS, SATURDAYS OR SUNDAYS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE LOCAL ELECTRICAL PROVIDER ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
- CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY OF THE POWER LINES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS RELATED TO SITE WORK INCLUDING (BUT NOT LIMITED TO) BUILDING FOUNDATION, PLUMBING, FIRE SPRINKLER, LANDSCAPE, IRRIGATION, SITE LIGHTING, AND OTHER APPLICABLE PLANS FOR CONFLICTING INFORMATION AND ALERT OWNER'S REPRESENTATIVE OF ANY CONFLICT FOR RESOLUTION.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL IRRIGATION, STREET LIGHTING, AND ELECTRICAL CONDUIT THAT WILL BE IN CONFLICT WITH ANY PROPOSED CONSTRUCTION AND SHALL RESOLVE CONFLICT ACCORDINGLY. COST OF CONFLICT RESOLUTION SHALL BE INCLUDED IN THE BID.
- CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC (MOT) WITH ENGINEER, AHJ AND FOOT. CONTRACTOR SHALL SUBMIT MOT PLANS AS DIRECTED AT THE PRE-CONSTRUCTION MEETING.
- ANY DEBRIS RESULTING FROM STRIPPING AND DEMOLITION OPERATIONS SHALL BE REMOVED FROM THE SITE AT FREQUENT INTERVALS TO PREVENT THIS MATERIAL FROM ACCUMULATING ON SITE.
- CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MULCH, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
- UPON REMOVAL OF TREES, SHRUBS OR ANY STUMP GRINDING, NO ROOT GREATER THAN THREE INCHES IN DIAMETER SHALL REMAIN WITHIN FIVE FEET OF AN UNDERGROUND STRUCTURE OR UTILITY LINE OR UPON PAVED FOOTINGS OR PAVED AREAS.
- IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANS AND THE SPECIFICATIONS (IF PROVIDED), THE PLANS SHALL GOVERN.
- IF DETERMINING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
- FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL AGENCY HAVING JURISDICTION OR TO FOOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING. IF IT IS NECESSARY TO SHORE, BRACE, SHING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE APPLICANT SHALL PROVIDE ALL NECESSARY CONSTRUCTION ZONE SIGNAGE AND FENCING AS REQUIRED BY THE AGENCY HAVING JURISDICTION.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL OF THE PERMITTING AUTHORITIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
- THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER CONSTRUCTION MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT & PLANS.
- THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
- ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN CHANGES. 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 IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- SOLID WASTE TO BE DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL EXCAVATED UNSUITABLE MATERIAL MUST BE TRANSPORTED TO AN APPROVED DISPOSAL LOCATION.
- CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION AND SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS, AS WELL AS ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.
- ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME DYNAMIC ENGINEERING CONSULTANTS, P.C.'S SUBCONSULTANTS AS ADDITIONAL INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH DYNAMIC ENGINEERING CONSULTANTS, P.C. WITH CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL 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 DYNAMIC ENGINEERING CONSULTANTS, P.C. AND ITS SUBCONSULTANTS 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.
- NEITHER THE PROFESSIONAL ACTIVITIES OF DYNAMIC ENGINEERING CONSULTANTS, P.C., NOR THE PRESENCE OF DYNAMIC ENGINEERING CONSULTANTS, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS 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. DYNAMIC ENGINEERING CONSULTANTS, P.C. 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 JOBSITE SAFETY. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE MADE ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.

## GENERAL CONSTRUCTION NOTES, CONT'D

- DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL REVIEW AND 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 CONCEPT AND THE INFORMATION SHOWN IN THE CONSTRUCTION MEANS OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES OR CONSTRUCTION SAFETY PRECAUTIONS, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. DYNAMIC ENGINEERING'S REVIEW SHALL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT DYNAMIC ENGINEERING CONSULTANTS, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO THE ATTENTION OF DYNAMIC ENGINEERING CONSULTANTS, P.C. IN WRITING BY THE CONTRACTOR. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
- IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, DYNAMIC ENGINEERING CONSULTANTS, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE.
- THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS ALSO TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS, THEREBY PROVIDING FOR MEDIATION AS THE PRIMARY METHOD FOR DISPUTE RESOLUTION BETWEEN THE PARTIES TO ALL THOSE AGREEMENTS.
- 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 OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND IT 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.
- ALL TRAFFIC SIGNS AND STRIPING SHALL FOLLOW THE REQUIREMENTS SPECIFIED IN THE MANUAL ON "UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.
- CONTRACTOR ACKNOWLEDGES THEY HAVE READ AND UNDERSTOOD THE DESIGN PHASE SOIL PERMEABILITY AND GROUNDWATER TEST RESULTS IN THE STORMWATER MANAGEMENT REPORT AND THAT THE CONTRACTOR'S RESPONSIBILITIES INCLUDE NECESSARY PROVISIONS TO ACHIEVE THE DESIGN PERMEABILITY IN THE FIELD.
- CONTRACTOR TO BE ADVISED THAT THE ENGINEER WAS NOT PROVIDED WITH FINAL FLOOR PLAN DRAWINGS FOR THE BUILDING AT THE TIME OF CONSTRUCTION DOCUMENT CREATION AND CIVIL PERMIT APPROVALS. AS A RESULT, ENTRANCE DOOR LOCATIONS AS DEPICTED HEREON MAY NOT BE FINAL AND MUST BE CONFIRMED WITH THE PERMITTED ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION. THE HANDICAP PARKING SPACES MUST BE LOCATED AS THE NEAREST SPACES TO THE ENTRANCE. CONTRACTOR TO NOTIFY OWNER AND ENGINEER IMMEDIATELY OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.

## PRE-CONSTRUCTION RESPONSIBILITIES

- UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND ITSELF.
- THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING AND EXCAVATION.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, CONDITION AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
- EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
- IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS; THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

## CONSTRUCTION SAFETY

ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.

## TRENCH SAFETY ACT

- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.
- WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5) ARE REQUIRED, THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
  - A REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
  - WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
  - A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
- WHEN A BID IS NOT SUBMITTED, THE CONTRACTOR SHALL SUBMIT THE INFORMATION LISTED IN ITEM "2" TO THE ENGINEER PRIOR TO STARTING WORK.

## EROSION CONTROL NOTES

- THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS PROVIDED BY THE CONTRACTOR.
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS, PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN ANY DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORMWATER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES, STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- EROSION CONTROL PLANS PROVIDED HEREIN ARE A GUIDELINE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE FINAL STORMWATER POLLUTION PREVENTION PLAN. THE PLAN SHALL BE SUBMITTED TO THE OWNER AND ENGINEER WHICH DEMONSTRATES THE MECHANISMS AND PRACTICES THAT WILL BE EMPLOYED TO PROTECT THE CONSTRUCTION SITE AND SURROUNDING AREA DURING CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS PERTAINING TO POLLUTION PREVENTION PLANS. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, THE LOCATIONS OF SILT BARRIERS, TURBIDITY SCREENS OR TEMPORARY SHEETING, EMERGENCY RESPONSE PRACTICES, AND OTHER METHODS TO PREVENT POLLUTION, REFUELING OR STORAGE OF VEHICLES OR EQUIPMENT THAT UTILIZE PETROLEUM BASED PRODUCTS SHALL BE PROHIBITED ANYWHERE WITHIN 50 FEET OF A WATER'S EDGE. THE PLAN SHALL BE SUBMITTED TO THE OWNER AFTER NOTICE OF AWARD AND PRIOR TO NOTICE TO PROCEED. AFTER REVIEW BY OWNER THE PLAN SHALL BE FILED WITH ALL APPLICABLE REGULATORY AGENCIES BY THE CONTRACTOR. REFER TO REVISION NOTES AND DETAILS WITHIN THESE DOCUMENTS.
- SILT FENCE IS REQUIRED AS SHOWN ON THE PLANS AND ANYWHERE ADDITIONAL AT THE CONTRACTOR'S DISCRETION. SILT FENCE IS NOT APPLICABLE IN PAVEMENT AREAS. LIMITS OF CONSTRUCTION SHOWN ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE PLAN TO ENGINEER FOR SHOP DRAWING REVIEW.
- THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS, AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DOCUMENTATION FOR NPDES MONITORING IN ACCORDANCE WITH FDEP REQUIREMENTS.
- ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND 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 AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, THEN CLEANED AND REPAIRED.
- CONTRACTOR TO CONSIDER POTENTIAL DETERIORATING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY DETERIORATING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE B.M.P.'S TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DETERIORATING OPERATIONS.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

## DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
- REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
- THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND LANDSCAPE PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE REMOVED OR RELOCATED SHALL BE PRESERVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION. CONTRACTOR TO SEE LANDSCAPE PLAN FOR TREE PROTECTION REQUIREMENTS. ALL TREES TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR TO REMOVE EXISTING TREES TO REMAIN. SHOULD ANY TREE TO REMAIN BE DAMAGED BY THE CONTRACTOR, IT WILL REQUIRE REPLACEMENT IN KIND AT CONTRACTOR'S EXPENSE.
- ANY ITEMS TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED TO THE EXISTING CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE.
- ANY AREAS FOR LANDSCAPING SHALL HAVE ALL BASE AND SUBGRADE MATERIAL REMOVED TO A DEPTH OF 3 FEET OR AS NOTED ON LANDSCAPING PLANS AND DETAILS.
- THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT EXISTING FEATURES THAT ENCOMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PROPOSING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THE PLANS.
- THIS DEMOLITION PLAN IS BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.
- CONTRACTOR IS REQUIRED TO OBTAIN ALL DEMOLITION AND DETERIORATING PERMITS, IF APPLICABLE.
- ALL FEATURES IDENTIFIED ON THIS PLAN WHICH ARE LISTED TO BE DEMOLISHED ARE TO BE REMOVED FROM THE SITE.
- CONTRACTOR SHALL LIMIT ALL DEMOLITION ACTIVITIES TO THOSE AREAS DELINEATED ON THE CONSTRUCTION DRAWINGS UNLESS OTHERWISE DIRECTED BY THE DEVELOPER OR AS REQUIRED FOR CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING WATER SPRINKLING OR OTHER SUITABLE MEANS OF CONTROL.
- CONTRACTOR TO USE CARE IN HANDLING DEBRIS FROM SITE TO ENSURE THE SAFETY OF THE PUBLIC. HAUL ROUTE TO BE CAREFULLY MONITORED FOR DEBRIS OR MATERIALS TRACKED ONTO ADJOINING ROADWAYS, SIDEWALKS, ETC. ROADWAYS AND WALKWAYS TO BE CLEARED DAILY OR AS NECESSARY TO MAINTAIN PUBLIC SAFETY.
- ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
- WHERE REMAINING, INLETS, MANHOLE COVERS, AND VALVE COVERS TO BE PROTECTED IN PAVEMENT REMOVAL AREAS. CONTRACTOR SHALL REPLACE DAMAGED STRUCTURES AT THEIR EXPENSE.
- CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. AS APPROVED BY THE AGENCY HAVING JURISDICTION AND THE CONSTRUCTION MANAGER.
- CONTINUOUS ACCESS SHALL BE MAINTAINED FOR SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF EXISTING FACILITIES AND CONSTRUCTION OF NEW FACILITIES. SIGNAGE SHALL BE POSTED TO DIRECT THE PUBLIC TO THE PATH OF TRAVEL.
- CONTRACTOR MUST COORDINATE THE LIMITS OF UTILITY DEMOLITION WITH PROPOSED PLANS.
- CONTEMPLATION OF ACTIONS NECESSARY TO ADDRESS ENVIRONMENTAL CONSIDERATIONS IS EXCLUDED FROM THIS PLAN SET. SUCH CONSIDERATIONS MAY INCLUDE, BUT ARE NOT LIMITED TO THE CLOSURE/HANDLING/TRANSPORTATION/DISPOSAL OF UNDERGROUND STORAGE TANKS, CONTAMINATED MEDIA, UNIVERSAL WASTE, POTENTIALLY HAZARDOUS MATERIALS, ETC. PRIOR TO INITIATION OF DEMOLITION, THE CONTRACTOR SHALL SPECIFICALLY CONSULT WITH PROJECT OWNERSHIP TO CONFIRM IF ENVIRONMENTAL CONCERNS EXIST AND IF CONSULTATION WITH THE ENVIRONMENTAL PROFESSIONAL RESPONSIBLE FOR THIS PROJECT IS NECESSARY OR APPROPRIATE.
- GROUNDWATER MONITORING WELLS AND POTABLE WELLS (IF PRESENT) SHALL BE PROTECTED DURING DEMOLITION. IF PROTECTION IS NOT POSSIBLE, THE ENVIRONMENTAL PROFESSIONAL RESPONSIBLE FOR THIS PROJECT SHALL BE CONSULTED. ANY WELLS THAT CANNOT BE MAINTAINED SHALL BE DECOMMISSIONED BY A LICENSED WELL DRILLER AND COORDINATED SPECIFICALLY WITH THE RESPONSIBLE ENVIRONMENTAL PROFESSIONAL.

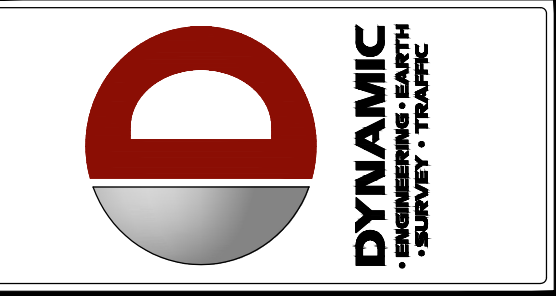
## PAVING, GRADING & DRAINAGE NOTES

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITH PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL COUNTY OR STATE SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS, WHICHEVER IS MOST RESTRICTIVE.
- ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SOODED, UNLESS OTHERWISE NOTED.
- TRAFFIC CONTROL ON ALL FOOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHWA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GOOD STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
- ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SOODED WITH BAHIA SOO UNLESS INDICATED OTHERWISE ON THE ENGINEERING OR LANDSCAPE PLANS.
- ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
- WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
- WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
- IF DETERIORATING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.
- CONTRACTOR TO STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER AND/OR THE JURISDICTION.
- FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FOOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SOODED AS SPECIFIED IN THE PLANS. FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL A GOOD STAND OF GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN. WITH THE EXCEPTION OF THE PERMETER BERM (IF APPLICABLE), WHICH SHALL HAVE A 3 (HORIZONTAL) : 1 (VERTICAL) MAX.
- THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
- CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPACT SOIL OR ROCK AS NEEDED TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNERS GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE AN N-PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN CRITERIA.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNERS GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONTRACTOR'S PROPOSED MEANS AND MATERIALS AND TO SCHEDULE INSPECTIONS FOR BOTTOM OF BASIN, REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FINAL BASIN PERMEABILITY TESTING.

THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DEFINED OTHERWISE ELSEWHERE IN THE CONTRACT DOCUMENTS.

## MAINTENANCE (ALL PHASES)

- ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED BY THE JURISDICTION HAVING AUTHORITY FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR/PRIMARY PERMITTEE. THESE MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
  - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION OR AS DIRECTED BY INSPECTOR.
  - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
  - 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.
  - 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.
  - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.



NO.	DATE	REV.	BY	COMMENTS
1	08/11/25	1	SRV	ISSUE
2	08/11/25	2	SRV	ISSUE
3	08/11/25	3	SRV	ISSUE
4	11/17/25	4	SRV	REVISED PER MASTER INFRASTRUCTURE UPDATES

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION	DESIGNED BY: _____	CHECKED BY: _____
	DRAWN BY: _____	DATE: _____
	SCALE: _____	PROJECT: _____
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**GENERAL NOTES**

SCALE: (H) AS (V) NOTED DATE: 02/12/2025  
PROJECT No: 2521-24-02799

SHEET No: **C0.01** Rev. #: 4

### WATER & SEWER UTILITY NOTES

- ALL CONSTRUCTION SHALL MEET OR EXCEED THE AHJ REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.
- THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES AND GRAVITY SEWER LINES AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE ABOVE DESCRIBED AND REFERENCED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE ANY WORK COMMENCES IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME, IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
- ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING OF ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING DELIVERED TO THE SITE.
- ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAWING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- UNDERGROUND LINES SHALL BE AS-BUILT BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR BEFORE BACK FILLING.
- CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.
- ALL PIPES AND CONNECTIONS ARE TO BE RESTRAINED IN ACCORDANCE WITH THE DETAILS OR JURISDICTIONAL AGENCY REQUIREMENTS, WHICHEVER IS MOST STRINGENT.
- ALL LINES LABELED "FIRE" SHALL BE INSTALLED BY A CERTIFIED FIRE SPRINKLER INSTALLER.
- ALL WATER DISTRIBUTION SYSTEM MATERIALS (INCLUDING SERVICES) AND INSTALLATION SHALL CONFORM TO THE SPECIFICATIONS OF THE LOCAL WATER PROVIDER AS PROVIDED IN THEIR STANDARD SPECIFICATIONS MANUAL AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN SPECIFICATION MANUALS PRIOR TO BIDDING THE PROJECT.
- ALL POTABLE WATER PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH F.A.C. 62-555.320(7)(b)(1). UNLESS BLUE IS THE PREDOMINANT COLOR. UNDERGROUND PLASTIC PIPE WILL BE SOLID-WALL BLUE. PIPE WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE. WALL PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING AND AFTER INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE. FOR PIPE WITH AN INTERNAL DIAMETER OR 24" OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.
- ALL WATER MAINS ARE DESIGNED FOR A MINIMUM WORKING PRESSURE OF 150 PSI, HAVE COMPRESSION TYPE BELL JOINTS AND BE EITHER ANS/AWWA C-151/A21.51-02 DUCTILE IRON PIPE (D.I.P.), CLASS 50 FOR 6" DIAMETER PIPE AND LARGER AND CLASS 51 IF PIPE DIAMETER IS SMALLER THAN 6" OR ANS/AWWA C-900-97, PVC PIPE WITH A MAXIMUM SDR OF 18. ALL D.I.P. WATER MAINS SHALL BE CEMENT LINED AND SEAL COATED IN ACCORDANCE WITH ANS/AWWA STANDARDS. ALL D.I.P. FORCE MAINS SHALL BE COATED OUTSIDE WITH A BITUMINOUS COATING APPROXIMATELY ONE MIL THICK IN ACCORDANCE WITH ANS 21.51-8, CEMENT MORTAR LININGS ARE NOT APPROPRIATE FOR THIS APPLICATION. ALL D.I.P. FORCE MAINS AND GRAVITY SEWER MAINS SHALL BE COATED INSIDE WITH FOLDED WOVEN POLYETHYLENE OR PROTECTOR 401 CERAMIC EPOXY COMPLYING WITH A.S.T.M. DESIGNATION D 1248 AND HAVE A MINIMUM N'VALUE OF 0.012. SEE PROJECT SPECIFICATIONS MANUAL FOR MORE DETAILS. ALL D.I.P. PIPE SHALL BE LAD WITH A MINIMUM OF 30" CLEAR COVER. ALL PVC PIPE SHALL BE LAD WITH A MINIMUM OF 36" CLEAR COVER.
- NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT WILL BE LAD TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER OR A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAD AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER.
- NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAD SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE; NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAD SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE.
- THE WATER SYSTEM SHALL BE CLEANED OF DEBRIS, FLUSHED AND TESTED FOR A PERIOD OF NOT LESS THAN 2 HOURS AT A MINIMUM STARTING PRESSURE OF 150 PSI WITH AN ALLOWABLE LEAKAGE NOT TO EXCEED THE ALLOWABLE GAL/HR IN ACCORDANCE WITH THE ANS/AWWA C-600-05 STANDARD SECTION 4.2.2.  
$$(EQUATION Q = \frac{L \cdot P}{148,000})$$

Q = ALLOWABLE LEAKAGE, GALLONS/HOUR  
L = LENGTH OF PIPE TESTED, FEET  
D = NOMINAL DIAMETER, INCHES  
P = AVERAGE TEST PRESSURE, LB/IN GAUGE
- AFTER THE PRESSURE TEST, THE SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH ANS/AWWA C651-05 STD. BACTERIOLOGICAL TESTS SHALL BE TAKEN TWO (2) CONSECUTIVE DAYS, AT LEAST 24 HOURS APART AND SHALL BE AT LEAST ONE SAMPLE PER 1,200 FEET OF MAIN IN THE SYSTEM. THE SAMPLE SHALL HAVE A HETEROTROPHIC PLATE COUNT (HPC) LESS THAN 500 CFU/ML AND SHALL BE FREE OF COLIFORM BACTERIA.
- WATER SYSTEM PRESSURE TESTS SHALL BE FOR 2 HOURS AT LINE PRESSURE AFTER THE 150 PSI TEST & DISINFECTED. DISINFECTION SHALL BE IN ACCORDANCE WITH ANS/AWWA C651-05 STD.
- AT THE TIME OF BACTERIOLOGICAL SAMPLING, CHLORINE RESIDUAL DETERMINATION SHALL BE MADE TO INSURE THAT CHLORINE CONCENTRATION IN THE MAIN IS NO HIGHER THAN THAT GENERALLY IN THE SYSTEM (3.0 MG/L FREE OR 4.0 MG/L COMBINED MAXIMUM), OR LESS THAN 0.2 MG/L FREE OR 0.6 MG/L COMBINED. THE RESULT SHALL BE REPORTED ALONG WITH THE BACTERIOLOGICAL TEST RESULTS. ALL TESTING SHALL BE COORDINATED AND PAID FOR BY THE CONTRACTOR.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING UTILITY & ROOF DRAIN CONNECTION LOCATIONS, WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME. SERVICE SIZES TO BE DETERMINED BY ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE STABILIZATION OF ANY EXISTING UTILITY MAIN, STRUCTURES AND/OR APPURTENANCES DURING CONNECTION.
- LOCATION & LAYOUT OF GAS, ELECTRIC & TELECOMMUNICATION UTILITY LINES AND SERVICES SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. ACTUAL LOCATION & LAYOUT OF THESE UTILITIES & SERVICES ARE TO BE PER THE APPROPRIATE UTILITY PROVIDER.
- ALL BUILDING FEATURES AND DIMENSIONS TO BE COORDINATED WITH ARCHITECTURAL PLANS ON THE APPROVED BUILDING PERMIT PLAN SET. ANY DISCREPANCIES WITH THE CIVIL CONSTRUCTION DOCUMENTS PLANS TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
- ALL SEWER AND WATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATORY AUTHORITY'S RULES AND REGULATIONS.
- ALL PROPOSED UTILITIES TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
- PIPE LENGTHS ON THIS PLAN HAVE BEEN MEASURED AS THE DISTANCE BETWEEN THE CENTER POINT OF THE TWO CONNECTED STRUCTURES.

(EQUATION Q =  $\frac{L \cdot P}{148,000}$ )

Q = ALLOWABLE LEAKAGE, GALLONS/HOUR  
L = LENGTH OF PIPE TESTED, FEET  
D = NOMINAL DIAMETER, INCHES  
P = AVERAGE TEST PRESSURE, LB/IN GAUGE

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- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING UTILITY & ROOF DRAIN CONNECTION LOCATIONS, WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME. SERVICE SIZES TO BE DETERMINED BY ARCHITECT.
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- ALL BUILDING FEATURES AND DIMENSIONS TO BE COORDINATED WITH ARCHITECTURAL PLANS ON THE APPROVED BUILDING PERMIT PLAN SET. ANY DISCREPANCIES WITH THE CIVIL CONSTRUCTION DOCUMENTS PLANS TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
- ALL SEWER AND WATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATORY AUTHORITY'S RULES AND REGULATIONS.
- ALL PROPOSED UTILITIES TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
- PIPE LENGTHS ON THIS PLAN HAVE BEEN MEASURED AS THE DISTANCE BETWEEN THE CENTER POINT OF THE TWO CONNECTED STRUCTURES.

### EXISTING UTILITIES

EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME, IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.

### INTERRUPTION OF EXISTING UTILITIES

ANY CONSTRUCTION WORK THAT REQUIRES INTERRUPTION OF SERVICE TO ANY CUSTOMER SHALL BE DONE SO WITH A MINIMUM OF SEVENTY-TWO (72) HOUR NOTICE TO, AND WRITTEN APPROVAL BY THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL ARRANGE A MEETING WITH THE LOCAL JURISDICTIONAL AGENCIES AND OTHER GOVERNING AGENCIES, AND OTHER AFFECTED UTILITIES PRIOR TO SCHEDULING THE SHUTDOWN TO ASSESS THE SCOPE OF WORK. ALL SYSTEM SHUT DOWNS SHALL BE SCHEDULED BY THE CONTRACTOR AT SUCH TIME THAT SYSTEM DEMAND IS LOW. THIS GENERALLY REQUIRES NIGHT TIME WORK BY THE CONTRACTOR AND REQUIRES FULL TIME INSPECTION BY A REPRESENTATIVE OF THE UTILITY. ALL COST FOR OVERTIME WORK BY THE REPRESENTATIVE OF THE UTILITY SHALL BE BORNE BY THE CONTRACTOR. EACH CUSTOMER AFFECTED BY THE SHUT DOWN SHALL BE PROVIDED, MINIMUM, FORTY-EIGHT (48) HOURS WRITTEN NOTIFICATION BY THE CONTRACTOR.

### SURVEY DATA

- THE CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO SURVEY MARKERS DURING CONSTRUCTION. ANY SURVEY MARKERS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
  - BENCHMARK LOCATION AND ELEVATION ARE AS REPRESENTED BY SURVEYOR AT THE TIME OF SURVEY. CONTRACTOR SHALL VERIFY ITS CORRECTNESS AT TIME OF CONSTRUCTION.
  - ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D. 1988).
- ### MINIMUM REQUIRED "AS-BUILT" INFORMATION
- ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR, AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
  - STORM DRAINAGE:
    - TOP ELEVATION OF EACH MANHOLE FRAME AND COVER / GRATE AS WELL AS ALL OTHER STRUCTURES (HEADWALLS, CONTROL STRUCTURES, ETC.).
    - INVERT ELEVATION OF EACH LINE ENTERING AND LEAVING EACH STRUCTURE, INCLUDING UNDERDRAIN PIPES.
    - INVERTS OF ALL MITERED END SECTIONS
    - ACTUAL LENGTH AND GRADE OF PIPE BETWEEN THE STRUCTURES
    - INVERT ELEVATION AND TWO HORIZONTAL TIES FROM PERMANENT VISIBLE OBJECTS TO ALL STORM STUB-OUTS.
  - CONTRACTOR SHALL PROVIDE ACCURATE AS-BUILT DIMENSIONS AND ELEVATIONS OF THE STORM WATER MANAGEMENT AREAS IMMEDIATELY AFTER FINAL GRADING AND PRIOR TO SEEDING OR SOODING OF THE SLOPES. AT A MINIMUM, THE CONTRACTOR SHALL PROVIDE CROSS SECTIONS ON ALL SIDES OF THE WATER MANAGEMENT AREAS AT 100-FOOT INTERVALS. THE CROSS SECTIONS SHALL BE PROVIDED FROM TOP OF BANK TO THE SLOPE BREAK BELOW CONTROL ELEVATION. THE ENGINEER'S APPROVAL IS REQUIRED PRIOR TO GRASSING OF THE BANK. IF ANY MODIFICATIONS ARE SPECIFIED, ADDITIONAL AS-BUILTS MAY BE REQUIRED.
  - UTILITY CROSSING SEPARATION INFORMATION FOR THAT PROVIDED ON THE PLANS VERIFYING:
    - FINISHED GRADE AT THE LOCATION OF THE CROSSING WITH SIZE AND MATERIAL OF EACH PIPE
    - BOTTOM ELEVATION OF TOP PIPE
    - TOP ELEVATION OF BOTTOM PIPE
    - CLEARANCE BETWEEN EACH PIPE
  - ALL OTHER REQUIREMENTS LISTED SHALL CONFORM TO THE AHJ DOCUMENTATION.
    - LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES.
    - REVISIONS TO ROUTING OF PIPING AND CONDUITS.
    - REVISIONS TO ELECTRICAL CIRCUITRY.
    - ACTUAL EQUIPMENT LOCATIONS.
    - CHANGES MADE BY CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE.
    - CHANGES MADE FOLLOWING ENGINEER'S WRITTEN ORDERS.
    - DETAILS NOT ON THE ORIGINAL CONTRACT DRAWINGS.
    - FIELD RECORDS FOR VARIABLE AND CONCEALED CONDITIONS.
  - ALL SLEEVES, FITTINGS, TEES, BENDS, VALVES, ETC. SHALL BE LOCATED BY STATION/OFFSET (OR METHOD APPROVED BY ENGINEER) AND ELEVATION OF TOP OF PIPE FOR EACH CONNECTION SLEEVING. AS-BUILTS FOR ALL SLEEVING DEPICTING TOP OF PIPE AT 100-FOOT INTERVALS MUST BE PROVIDED.
  - RECORD DRAWINGS SHALL INDICATE AS-BUILT DATA FOR EVERY ELEVATION SHOWN ON THE PLANS.
  - IF A NEW BENCHMARK LOCATION IS ESTABLISHED, CONTRACTOR SHALL PROVIDE A BENCH LOOP CLOSURE TO THE CLOSEST EXISTING BENCHMARKS IN BOTH DIRECTIONS. ALL BENCHMARK DATA SHALL BE SUBMITTED BY A REGISTERED LAND SURVEYOR.
  - IDENTIFICATION OF ADDENDUM ITEMS ISSUED DURING BIDDING PERIOD.
  - THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL AS-BUILT DATA FOR UTILITIES AND SLEEVING IS COLLECTED PRIOR TO PAVEMENT SECTION CONSTRUCTION. PRELIMINARY UTILITY AS-BUILTS MUST BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO PAVEMENT SECTION CONSTRUCTION.
  - PRESSURE SYSTEMS (WATER, FORCE MAIN AND RECLAIMED):
    - ACTUAL LENGTHS BETWEEN BRANCHES AND VALVES ALONG THE MAIN RUN.
    - TOP OF PIPE AND FINISHED GRADE ELEVATIONS AT 100' INTERVALS.
  - LOCATE WITH MEASUREMENTS FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS/ACCESSORIES NOT VISIBLE FROM THE SURFACE (MINIMUM TWO POINT TIES).
  - AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
  - UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD COMPLETE SETS OF AS-BUILT CONSTRUCTION DRAWINGS AS REQUIRED FOR SUBMITAL AND APPROVAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR.
  - ALL OTHER REQUIRED PRESSURE PIPE INFORMATION IN ACCORDANCE WITH THE AS-BUILT REQUIREMENTS OF AHJ.

### PHASING NOTES

- CONTRACTOR MAY PHASE EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH SITE CONSTRUCTION PHASING.
- CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION AREA IS SEPARATED FROM THE AREA NOT UNDER CONSTRUCTION WITH A TEMPORARY CHAIN LINK FENCE AND ENSURE THE SAFETY OF THE PUBLIC.

### SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

- PHASE 1:
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL SILT FENCE, TURBIDITY BARRIER AND INLET PROTECTION. CONTRACTOR TO OBTAIN APPROVAL FROM JURISDICTION HAVING AUTHORITY THAT ALL SOIL EROSION CONTROL MEASURES WERE INSTALLED PROPERLY.
  - PERFORM CLEARING AND GRUBBING AND DEMOLITION.
- PHASE 2:
- PERFORM MASS GRADING, ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
  - CONSTRUCT PROPOSED DRAINAGE INFRASTRUCTURE.
  - TEMPORARILY SEED WITH PURE LIVE SEED, THROUGHOUT CONSTRUCTION, DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE OR AS REQUIRED BY GENERIC PERMIT.
  - CONSTRUCT PROPOSED IMPROVEMENTS.
  - COMPLETE FINAL GRADING AND FINAL STABILIZATION.
  - REMOVE TEMPORARY EROSION CONTROL MEASURES.

### NOTES

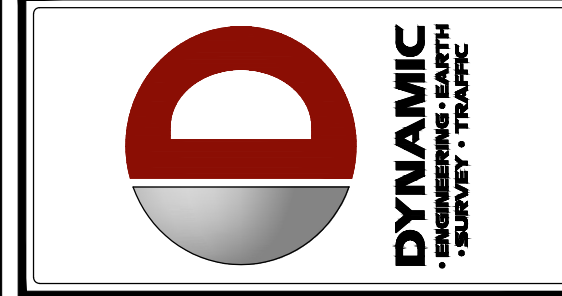
- CONTRACTOR TO CONSIDER POTENTIAL Dewatering ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY Dewatering PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE B.M.P.'S TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND Dewatering OPERATIONS.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

### STANDARD ABBREVIATION FOR ENTIRE PLAN SET

AC	ACRES
ADA	AMERICANS WITH DISABILITY ACT
AHJ	AUTHORITY HAVING JURISDICTION
ARCH	ARCHITECTURAL
BC	BOTTOM OF CURB
BLDG	BUILDING
BM	BENCHMARK
CF	CUBIC FEET
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
C/O	CLEANOUT
CONC	CONCRETE
CY	CUBIC YARDS
DEP	DEPRESSED
DIP	DUCTILE IRON PIPE
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EW	ENDWALL
EX	EXISTING
FES	FINISHED END SECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GRADE
GR	GRATE
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
HOR	HORIZONTAL
HW	HEADWALL
INT	INTERSECTION
INV	INVERT
LF	LINEAR FOOT
LOC	LIMITS OF CONSTRUCTION
LOD	LIMITS OF DISTURBANCE
LOW	LIMITS OF WORK
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
MJ	MECHANICAL JOINT
OC	ON CENTER
PC	POINT OF CURVATURE
PCOR	POINT OF COMPOUND CURVATURE, CURB RETURN
PI	POINT OF INTERSECTION
PROP	PROPOSED
PT	POINT OF TANGENCY
PTCR	POINT OF TANGENCY, CURB RETURN
PVC	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INSERTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
S	SLOPE
SAN	SANITARY SEWER
SF	SQUARE FEET
STA	STATION
STM	STORM
SW	SIDEWALK
TC	TOP OF CURB
TPF	TREE PROTECTION FENCE
TYP	TYPICAL
UG	UNDERGROUND
VF	VEREY IN FIELD
W/L	WATER LINE
±	PLUS OR MINUS
'	DEGREE
ø	DIAMETER
#	NUMBER

### GRAPHIC LEGEND

	PROPERTY LINE (PARCEL IN QUESTION)
	OFF-SITE PROPERTY LINES
	EXIST. CURB
	EXIST. EDGE OF PAVEMENT
	PROP. CURB
	PROP. CURB TRANSITION
	PROP. EDGE OF PAVEMENT
	PROP. SAWCUT LINE
	EXIST. CABLE LINE
	PROP. CABLE LINE
	EXIST. ELECTRIC LINE
	PROP. ELECTRIC LINE
	EXIST. FIBER OPTIC LINE
	PROP. FIBER OPTIC LINE
	EXIST. GAS LINE
	PROP. GAS LINE
	EXIST. OVERHEAD WIRES
	PROP. OVERHEAD WIRES
	EXIST. TELEPHONE LINE
	PROP. TELEPHONE LINE
	EXIST. WATER LINE
	PROP. WATER LINE
	EXIST. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
	PROP. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
	EXIST. SANITARY SEWER LINE
	PROP. SANITARY SEWER LINE
	EXIST. STORM DRAIN LINE
	PROP. STORM DRAIN LINE
	EXIST. MINOR CONTOUR & ELEVATION
	EXIST. MAJOR CONTOUR & ELEVATION
	PROP. FINISH GRADE CONTOUR & ELEVATION
	PROP. LIMIT OF DISTURBANCE
	SOIL DELINEATION LINE
	PROP. DIRECTION OF DRAINAGE FLOW ARROW
	EXIST. SPOT ELEVATIONS
	PROP. GRADE SPOT ELEV.
	PROP. GRADE SPOT ELEV. (HIGH POINT)
	PROP. GRADE SPOT ELEV. (MEET EXIST.)
	PROP. TOP OF CURB & BOTTOM OF CURB ELEV.
	PROP. FINISHED FLOOR ELEV.
	PROP. TOP OF WALL & FINISHED GRADE @ LOW SIDE OF WALL (ACTUAL BOTTOM OF WALL FOOTING TO BE ESTABLISHED BY WALL DESIGNER)
	EXIST. CONCRETE UTILITY POLE
	EXIST. WOOD UTILITY POLE
	EXIST. GUY WIRE
	EXIST. LIGHT POLE
	EXIST. BUILDING LIGHT
	EXIST. SHADE BOX LIGHT
	EXIST. COBRA LIGHT POLE
	EXIST. TRAFFIC SIGNAL POLE
	EXIST. SANITARY MANHOLE
	EXIST. STORM MANHOLE
	EXIST. "b" INLET
	EXIST. YARD INLET
	EXIST. FLARED END SECTION
	EXIST. HEADWALL
	EXIST. MONITORING WELL
	APPROX. TEST PIT LOCATION
	EXIST. FIRE HYDRANT
	EXIST. WATER VALVE
	EXIST. WATER METER
	EXIST. GAS VALVE
	EXIST. GAS METER
	EXIST. ELECTRIC PULLBOX
	EXIST. ELECTRIC METER
	EXIST. ELECTRIC BOX
	EXIST. CLEAN OUT
	EXIST. SEWER VALVE
	EXIST. WELL
	EXIST. WATER SHUT OFF VALVE
	EXIST. TELEPHONE BOX
	EXIST. CABLE TV BOX
	PROP. WATER VALVE
	PROP. GAS VALVE
	PROP. STORM CLEANOUT
	PROP. SANITARY CLEANOUT
	PROP. AREA LIGHT
	PROP. OUTLET CONTROL STRUCTURE
	PROP. DRAINAGE MANHOLE
	PROP. SANITARY SEWER MANHOLE
	PROP. "c" INLET
	PROP. "e" INLET
	PROP. YARD INLET
	PROP. FLARED END SECTION
	PROP. MITERED END SECTION
	PROP. HEADWALL



REV.	DATE	COMMENTS
1	04/17/25	BDC REVIEW COMMENTS
2	08/09/25	AGENCY COMMENTS
3	08/11/25	AGENCY COMMENTS
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

PROJECT: **BDC ARCHITECTS, LLP**  
PROPOSED CHASE BANKS

US 441 & CR 25  
LADY LAKE, LAKE COUNTY, FLORIDA 32159

DESIGNED BY: JCP  
CHECKED BY: MDM  
DRAWN BY: SRM

**DYNAMIC ENGINEERING**  
LAND DEVELOPMENT CONSULTING • PERMITTING  
GEOTECHNICAL • ENVIRONMENTAL  
TRAFFIC • SURVEY • PLANNING & ZONING

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PROFESSIONAL ENGINEER  
FLORIDA LICENSE No. 91967  
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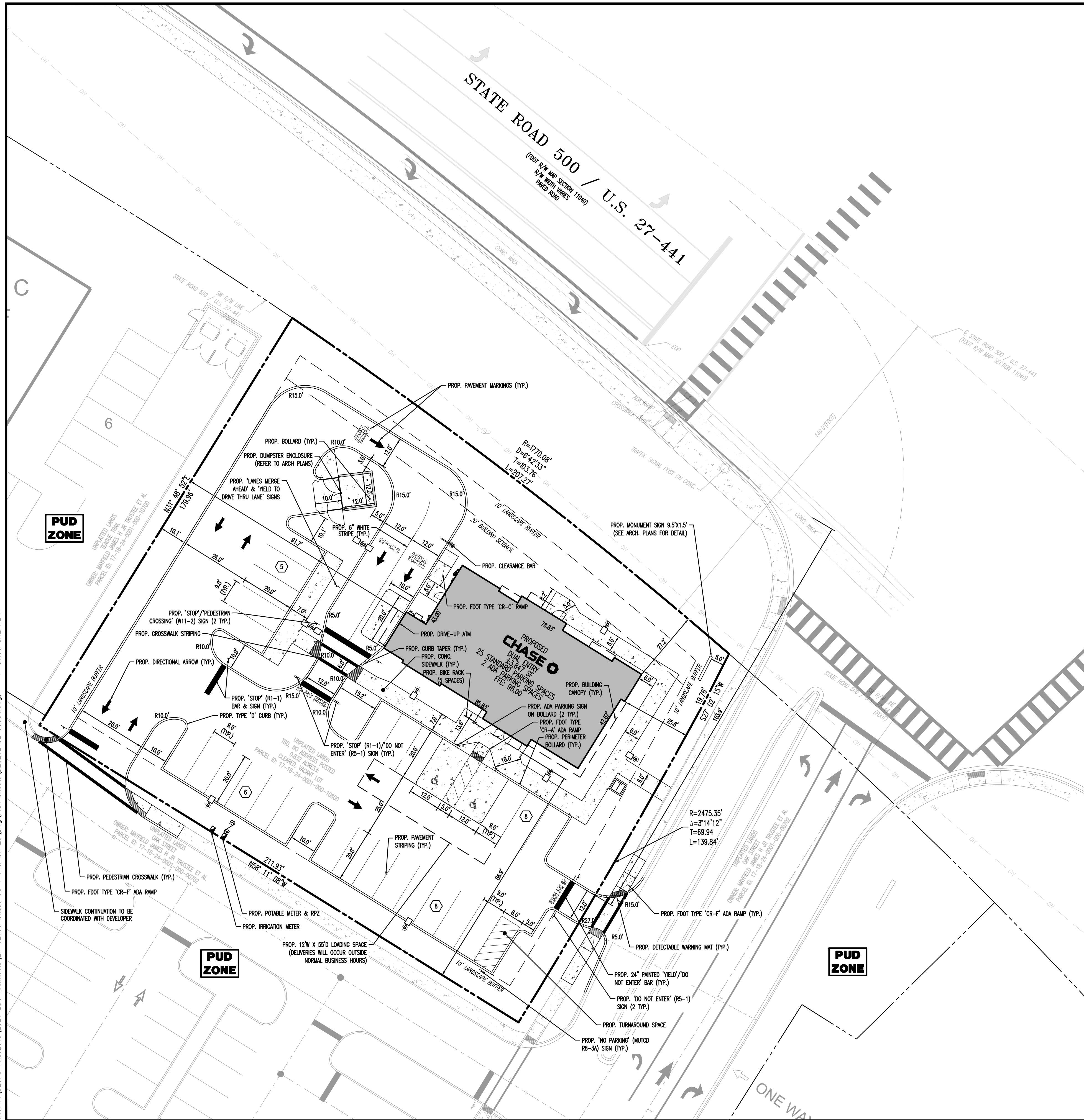
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SCALE: (H) AS DATE: 02/12/2025  
(M) NOTED

PROJECT No: 24-02799

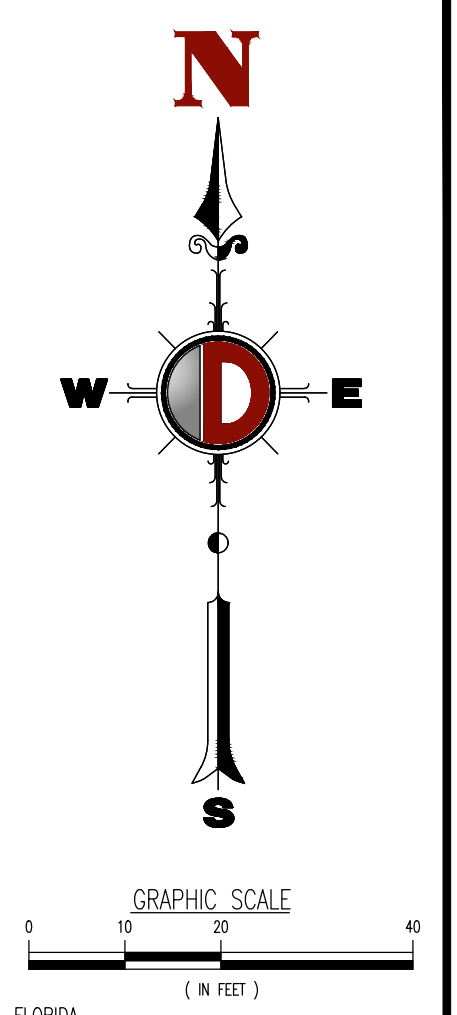
SHEET No: **C0.02** Rev. #: **4**

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 File: F:\DEGPC PROJECTS\2521\_BDC\_Architects\24-02799\_Sheets\24-02799S54.dwg -> C1.00 SITE PLAN



### SIGNING & STRIPING LEGEND

	PROPOSED 24" WHITE PAINTED STOP BAR.
	PROPOSED YELLOW 8" WIDE 45° O.C. PER MUTCD 3B.24-05
	PROPOSED SIGNS
	PROPOSED WHITE PAINTED THROUGH LANE-USE ARROW IN DRIVE AISLES PER FDOT INDEX 711-001.
	5" ACCESS AISLE WHITE PAINTED STRIPING PER FDOT INDEX 711-001.
	PROPOSED 6" WIDE PEDESTRIAN CROSSWALK STRIPING 12" WHITE, PER FDOT INDEX 711-001



### LEGAL DESCRIPTION

A PORTION OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 17, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, BEING DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF LADY LAKE CROSSING, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 83, PAGE 57 OF THE PUBLIC RECORDS OF LAKE COUNTY, FLORIDA; THENCE N 0°10'08" E, ALONG THE EAST LINE OF SAID LADY LAKE CROSSING, SAID LINE ALSO BEING THE WEST LINE OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 17, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, 1021.04 FEET TO A POINT ON THE SOUTHWESTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY 27-441, PER THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP SECTION 11040, F.P. NO. 23839, S. DATED 6/13/2008, THENCE S 88°09'15" E, ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE, 298.74 FEET; THENCE S 31°50'45" W, ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE, 40.00 FEET; THENCE S 89°09'15" E ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE, 109.26 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE SOUTHWESTERLY, HAVING A RADIUS OF 1,770.08 FEET; THENCE SOUTHEASTERLY, ALONG THE ARC OF SAID CURVE AND SAID SOUTHWESTERLY RIGHT OF WAY LINE, THROUGH A CENTRAL ANGLE OF 02°22'21", A DISTANCE OF 73.29 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG THE ARC OF SAID CURVE AND SAID SOUTHWESTERLY RIGHT OF WAY LINE, THROUGH A CENTRAL ANGLE OF 06°42'35", A DISTANCE OF 207.29 FEET; THENCE S 27°02'15" W, DEPARTING SAID CURVE AND SAID RIGHT OF WAY LINE, 19.76 FEET TO THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE NORTHWESTERLY, HAVING A CHORD BEARING OF S 3°06'37" W AND A CHORD LENGTH OF 139.82 FEET; THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 03°14'12", A DISTANCE OF 139.84 FEET; THENCE N 58°11'08" W, DEPARTING SAID CURVE, 211.93 FEET; THENCE N 31°48'52" E, 180.23 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH NON-EXCLUSIVE EASEMENTS, APPURTENANT TO AND FOR THE BENEFIT OF SAID LANDS, AS SET FORTH AND CREATED IN THAT CERTAIN DECLARATION OF RESTRICTIVE COVENANTS & EASEMENTS, BY SRK LADY LAKE 43 ASSOCIATES LLC, A NEW YORK LIMITED LIABILITY COMPANY, DECLARANT, RECORDED IN OFFICIAL RECORDS BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, FOR THE PURPOSES SET FORTH THEREIN, OVER AND ACROSS THE LANDS SET FORTH THEREIN.

### HORIZONTAL CONTROL & STRIPING NOTES

1. ALL CURBING IS TYPE "D" UNLESS OTHERWISE STATED.
2. TYPE "D" CURB SHALL BE CONSTRUCTED PER FDOT INDEX 300.
3. ALL DIMENSIONS SHOWN, OTHER THAN LANDSCAPE DIMENSIONS, ARE TO FACE OF CURB FOR TYPE "D" CURB OR EDGE OF PAVEMENT FOR NO CURB, UNLESS OTHERWISE NOTED. LANDSCAPE DIMENSIONS ARE SHOWN TO BACK OF CURB.
4. ALL CURB RAMPS AND SIDEWALKS ENTERING PARKING OR TRAVEL SHALL HAVE DETECTABLE WARNING SURFACES 2" DEEP AND THE WIDTH OF THE SIDEWALK. REFER TO THE LATEST FDOT DESIGN STANDARD PLANS INDEX 304.
5. ALL STOP BARS, DIRECTIONAL ARROWS AND CROSSWALKS SHALL BE THERMOPLASTIC. ALL OTHER PAVEMENT MARKINGS ARE PAINT, UNLESS OTHERWISE NOTED.
6. REFER TO LANDSCAPE PLANS FOR PLANTING AND DETAILS.
7. ALL CURB RADI ARE 3' UNLESS OTHERWISE NOTED ON PLANS.
8. DIRECTIONAL SIGN PROVIDED BY OTHERS.

### SITE DATA

PARCEL ID:	17-18-24-001-000-10800
ADDRESS:	SWC US HIGHWAY 441 & CR25, LADY LAKE, FL 32159
ZONING DESIGNATION:	MPLD (MASTER PLANNED UNIT DEVELOPMENT)
CURRENT USE:	AGRICULTURAL
PROPOSED USE:	FINANCIAL INSTITUTION WITH ONE (1) DRIVE-THROUGH AUTOMATED TELLER MACHINE
FLOOD ZONE:	ZONE "X" PER FEMA FIRMETTE NO. 12069C0170E, EFF. 12/18/2012
MAX FAR:	0.80
NUMBER OF STORIES:	1
BUILDING HEIGHT:	21'-6"
PROPOSED PAVED PARKING AND DRIVEWAY AREA:	16,620 SF (0.38 AC)

### DEVELOPMENT DATA

	EXISTING (SF)	PROPOSED (SF)	PROPOSED (AC)	PERCENTAGE (%)
PROJECT SITE AREA:	36,056	36,056	0.83	100.00%
BUILDING GFA:	N/A	3,847	0.09	10.67%
TOTAL IMPERVIOUS (INCLUDES BUILDING):	N/A	23,236	0.53	64.33%
TOTAL PERVIOUS:	36,056	12,820	0.30	35.66%

### BUILDING SETBACKS

	REQUIRED	PROPOSED
FRONT (N):	20'	27.2'
CORNER SIDE (E):	10'	25.6'
INTERIOR SIDE (W):	10'	91.7'
REAR (S):	10'	86.9'

### LANDSCAPE BUFFERS

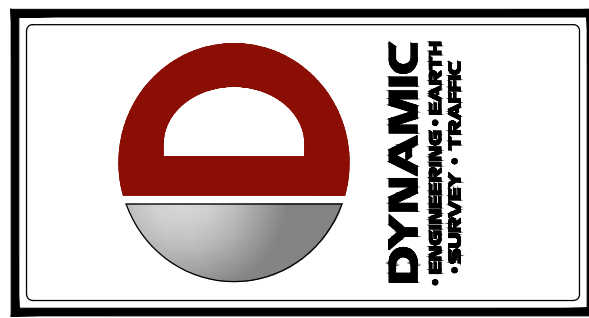
	REQUIRED	PROPOSED
FRONT (N):	10'	10'
CORNER SIDE (E):	10'	10'
INTERIOR SIDE (W):	10'	10'
REAR (S):	10'	10'

### PARKING

	TYPE	REQUIRED	PROPOSED
PARKING RATIO 1 PER 200 SF OF GFA	STANDARD	16	25
	ADA	1	2
	TOTAL	17	27
BICYCLE PARKING 1 SPACE PER 25 CAR PARKING SPACES, MINIMUM 2 BICYCLE SPACES		2	5

**"ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFIRM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS, THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL."**

**NOTE: THE CR25 INTERSECTION IMPROVEMENTS HAVE NOT BEEN CONSTRUCTED. THE MASTER DEVELOPMENT INFRASTRUCTURE IS SHOWN PER DESIGN PLANS PROVIDED BY ROBB & TAYLOR ENGINEERING SOLUTIONS, INC. DATED 1/21/2025.**



REV.	DATE	BY	COMMENTS
1	08/17/25	SRN	BOE REVIEW COMMENTS
2	08/17/25	SRN	AGENCY COMMENTS
3	08/17/25	SRN	AGENCY COMMENTS
4	11/17/25	SRN	REVISED PER MASTER INFRASTRUCTURE UPDATES

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PROJECT: **BDC ARCHITECTS, LLP**  
 PROPOSED CHASE O  
 US 441 & CR 25  
 LADY LAKE, LAKE COUNTY, FLORIDA 32159

CREATED BY: JCP MDM  
 DESIGNED BY: JCP MDM  
 DRAWN BY: SRM

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 FLORIDA LICENSE NO. 91967  
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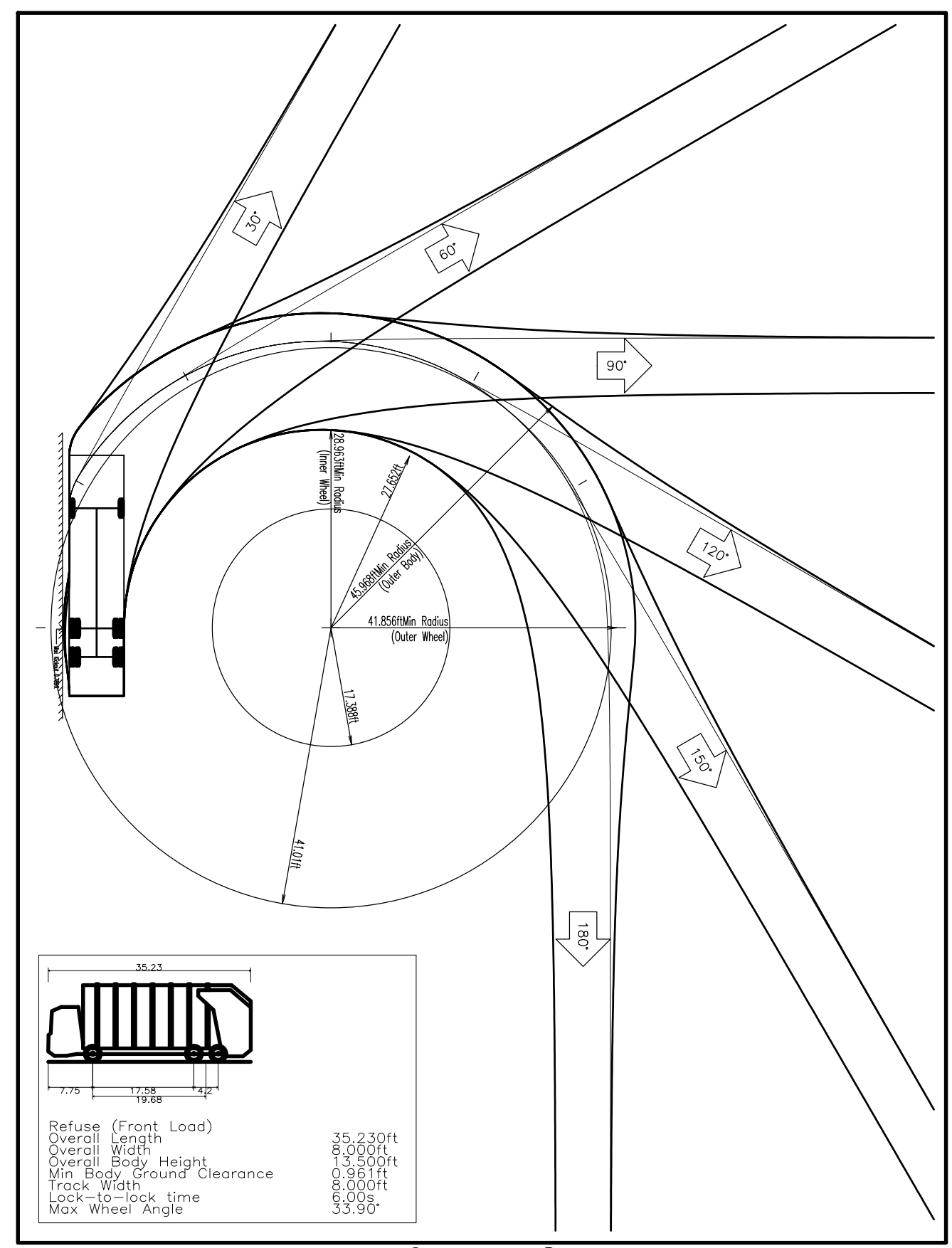
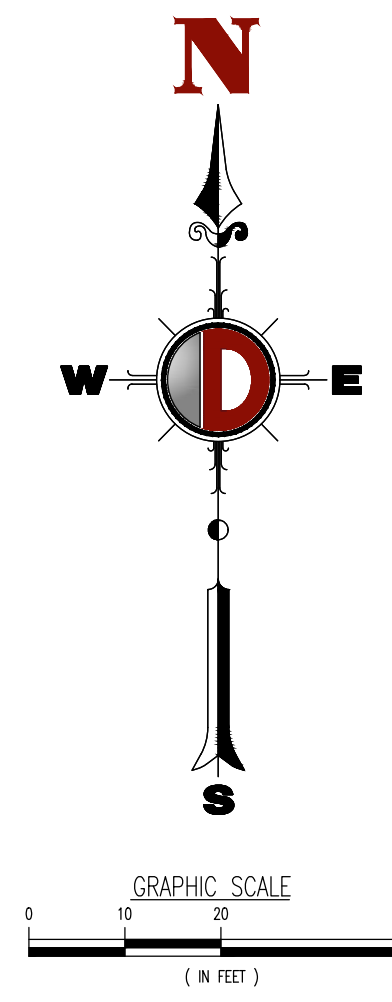
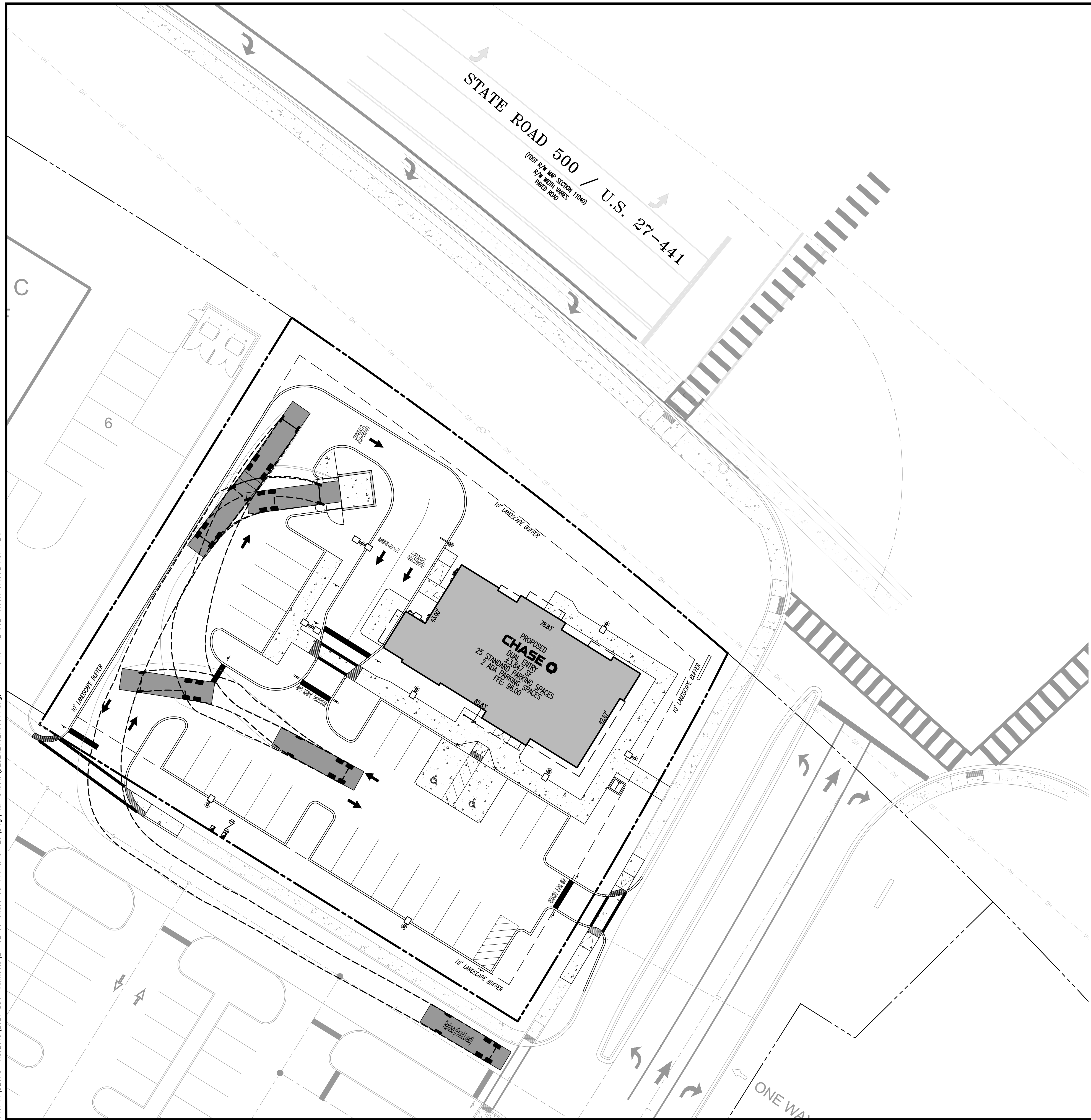
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TITLE: **SITE PLAN**

SCALE: (H) AS SHOWN (M) NOTED DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

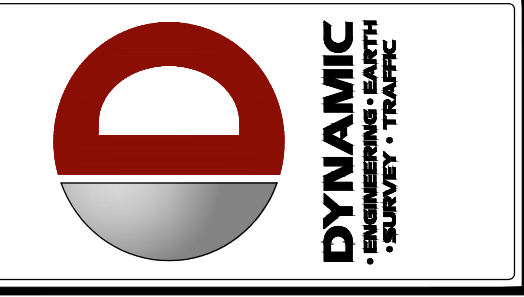
SHEET No: **C1.00** Rev. #: **4**

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**VEHICLE DIAGRAM**  
NOT TO SCALE

Refuse (Front Load)	35.310ft
Overall Length	28.000ft
Overall Width	8.500ft
Overall Body Height	0.881ft
Min. Body Ground Clearance	0.000ft
Track Width	19.080ft
Lock-to-lock time	3.500s
Max Wheel Angle	55.90°



REV.	DATE	BY	COMMENTS
1	04/17/25	BDG	REVIEW COMMENTS
2	05/09/25	SRM	AGENCY COMMENTS
3	08/11/25	SRM	AGENCY COMMENTS
4	11/17/25	SRM	REVISED PER MASTER INFRASTRUCTURE UPDATES

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DESIGNED BY: JCP  
 CHECKED BY: MDM  
 DRAWN BY: SRM

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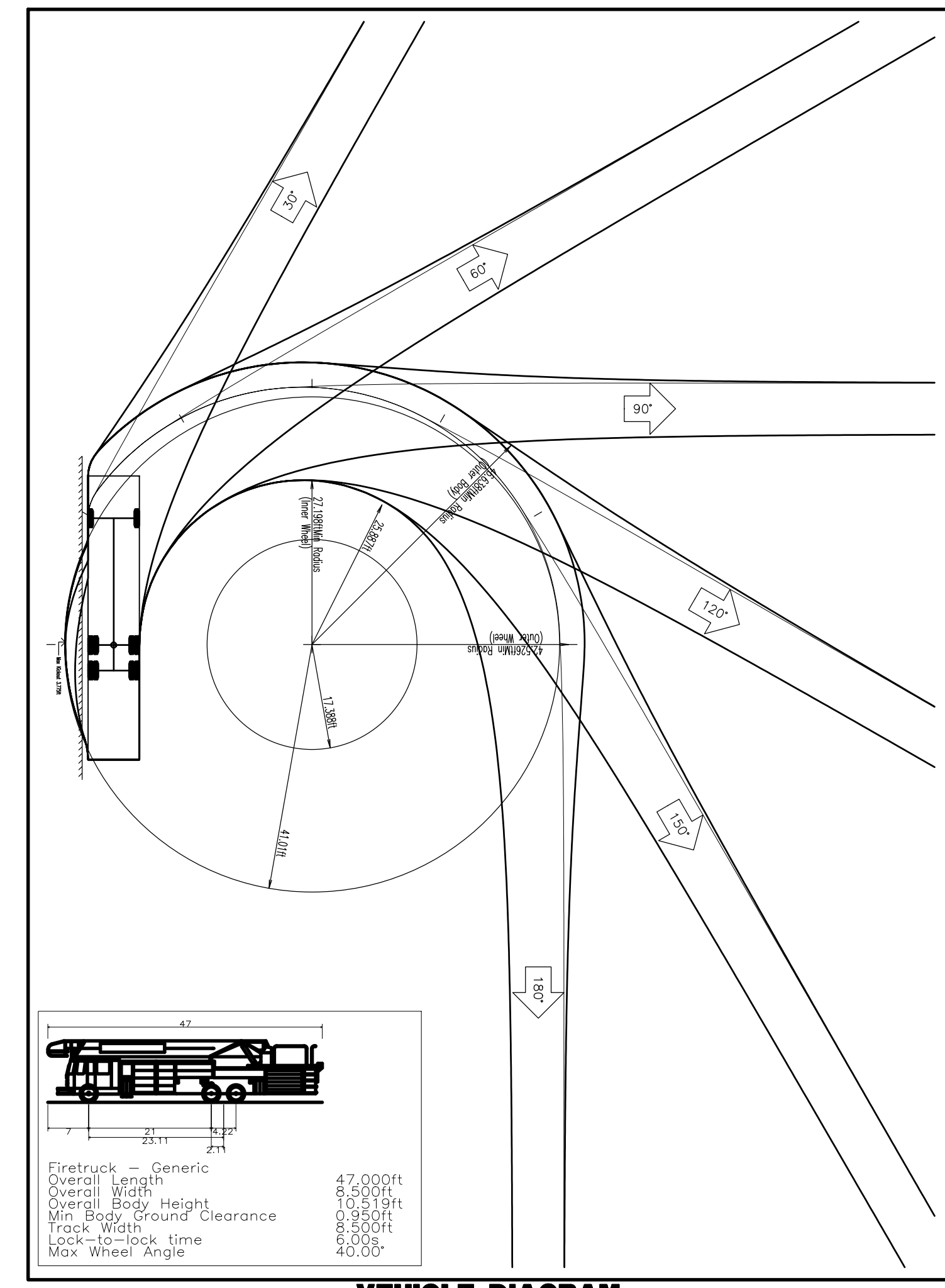
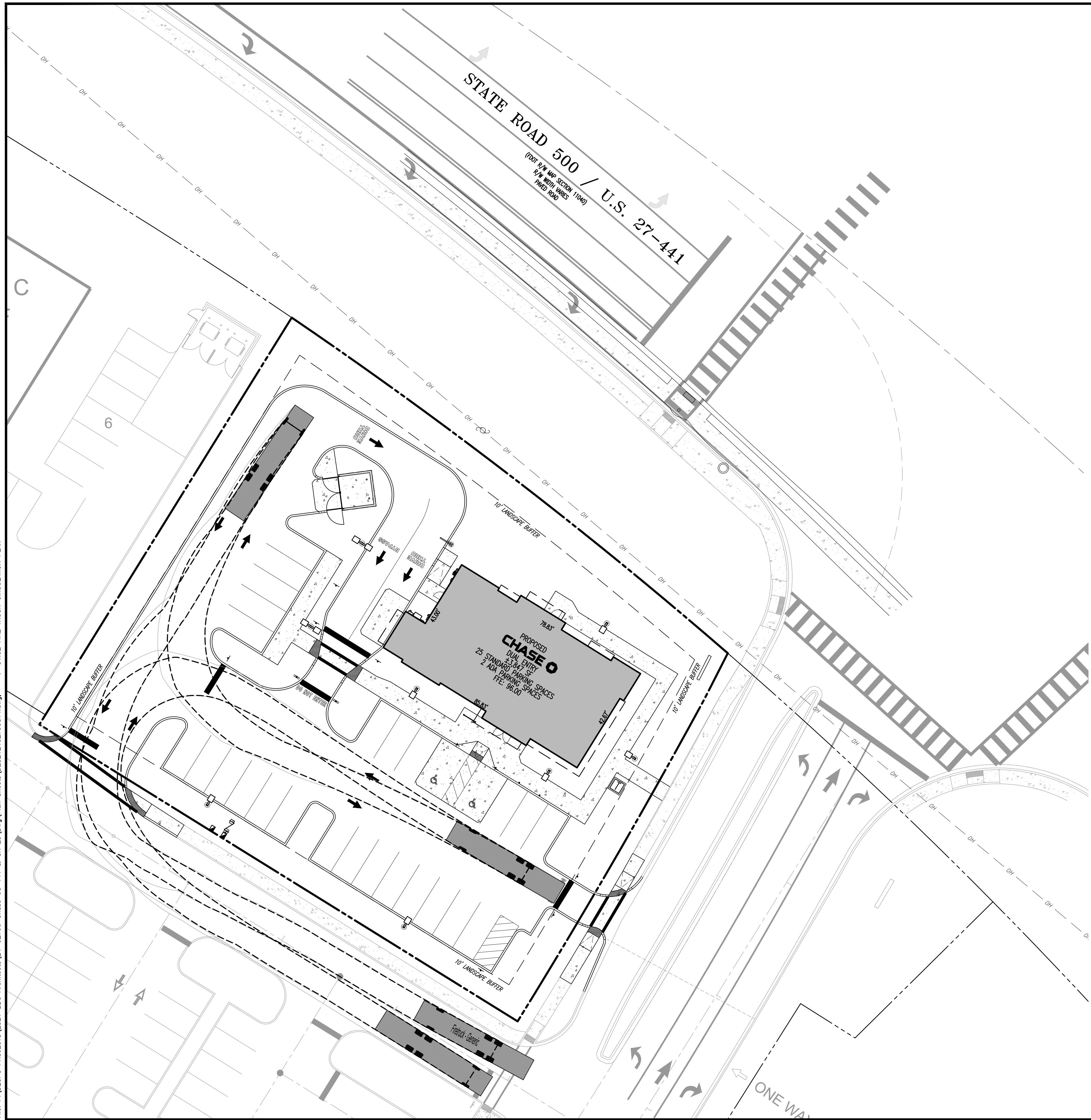
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TITLE: **REFUSE TRUCK CIRCULATION PLAN**

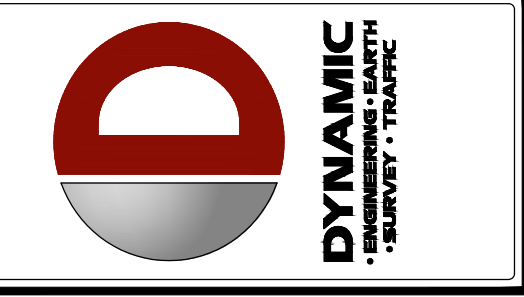
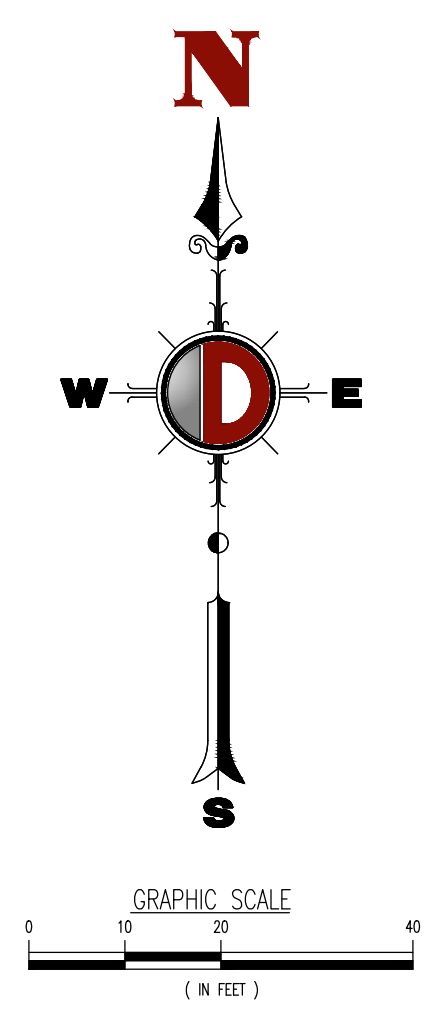
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 PROJECT No: 2521-24-02799

SHEET No: **C1.01** Rev. #: **4**

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**VEHICLE DIAGRAM**  
NOT TO SCALE



REV.	DATE	BY	COMMENTS
4	11/17/25	REVISOR	REVISED PER MASTER INFRASTRUCTURE UPDATES
3	08/11/25	AGENCY COMMENTS	
2	05/29/25	AGENCY COMMENTS	
1	04/17/25	BOE REVIEW COMMENTS	

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 CHECKED BY: MDM  
 DRAWN BY: SRM

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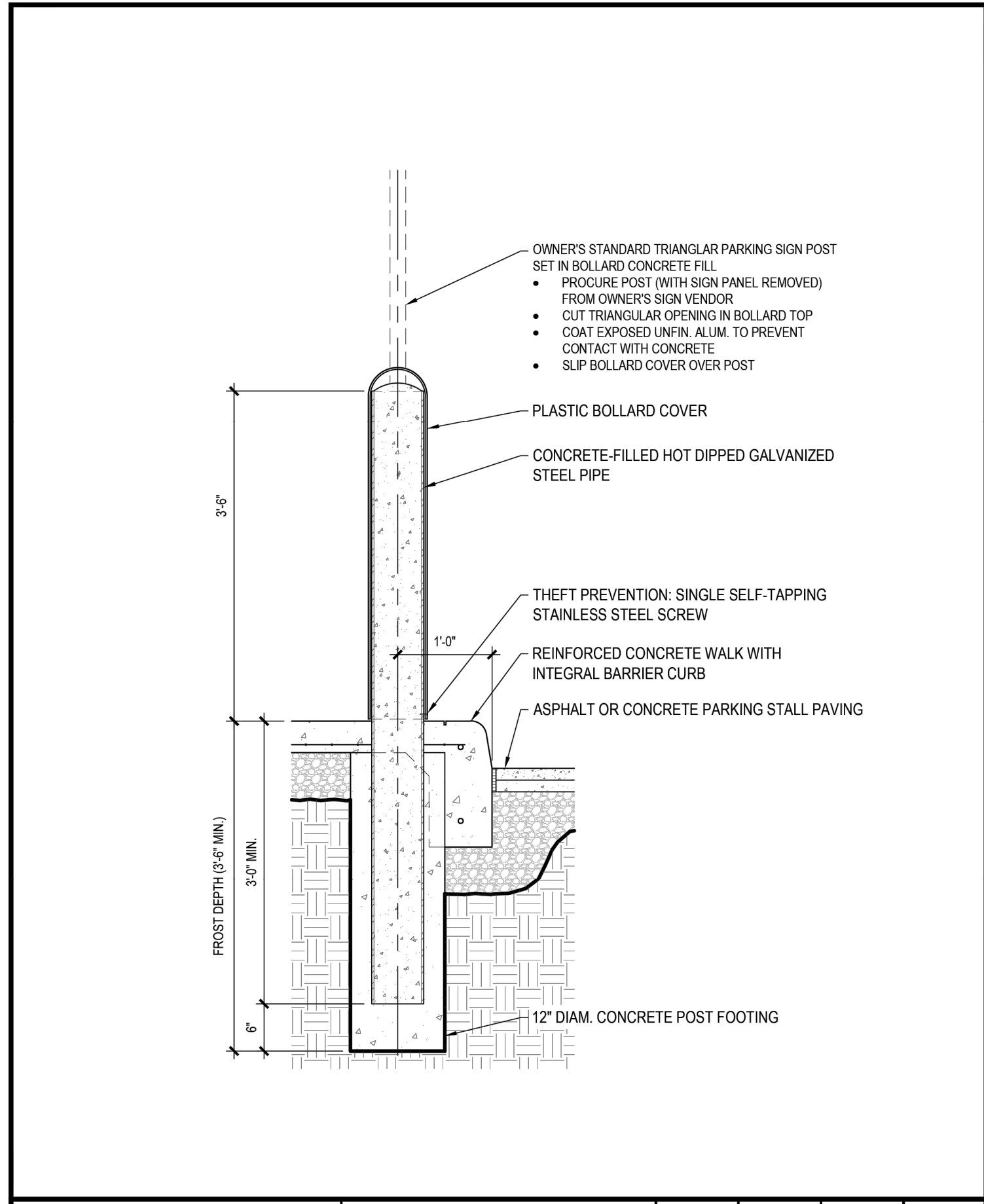
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TITLE: **FIRE TRUCK CIRCULATION PLAN**

SCALE: (H) AS DATE: 02/12/2025  
 (M) NOTED  
 PROJECT No: 2521-24-02799

SHEET No: **C1.02** Rev. #: **3**



**VEHICLE STRIKE PROTECTION PERIMETER BOLLARD**

DATE	DESIGNER	AREA	SCALE
2/27/2025	GB	NA	3/4" = 1'-0"

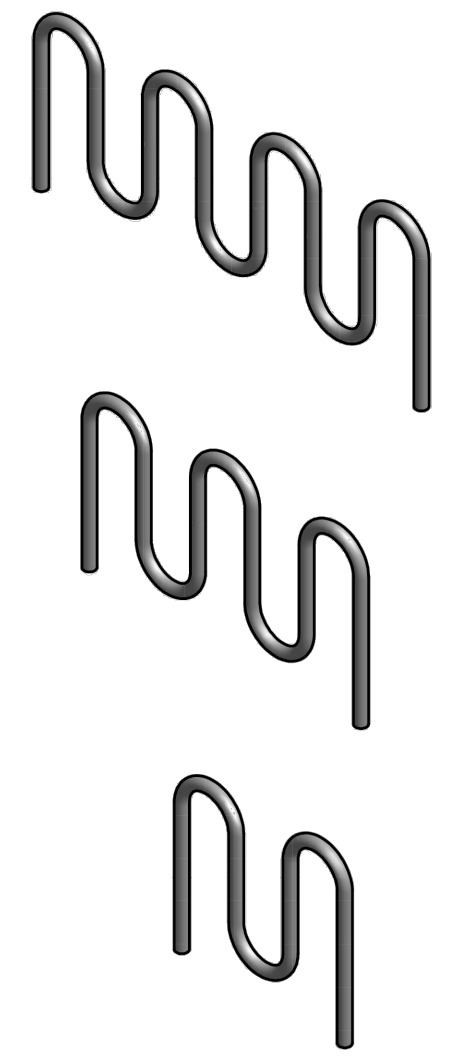
RDC 25-001 Page 4 of 4



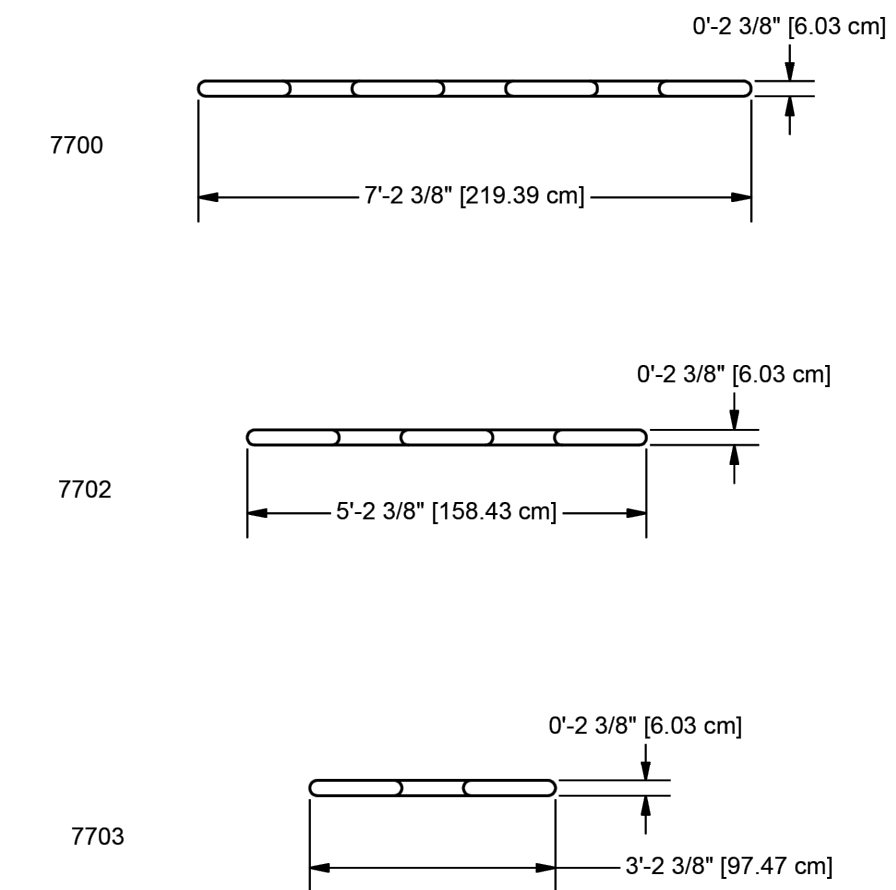
**7700 LOOP BIKE RACK**

ISSUED/REVISED: 9/21/2016

INSTALLATION DETAIL  
PARTS LIST REFERENCE

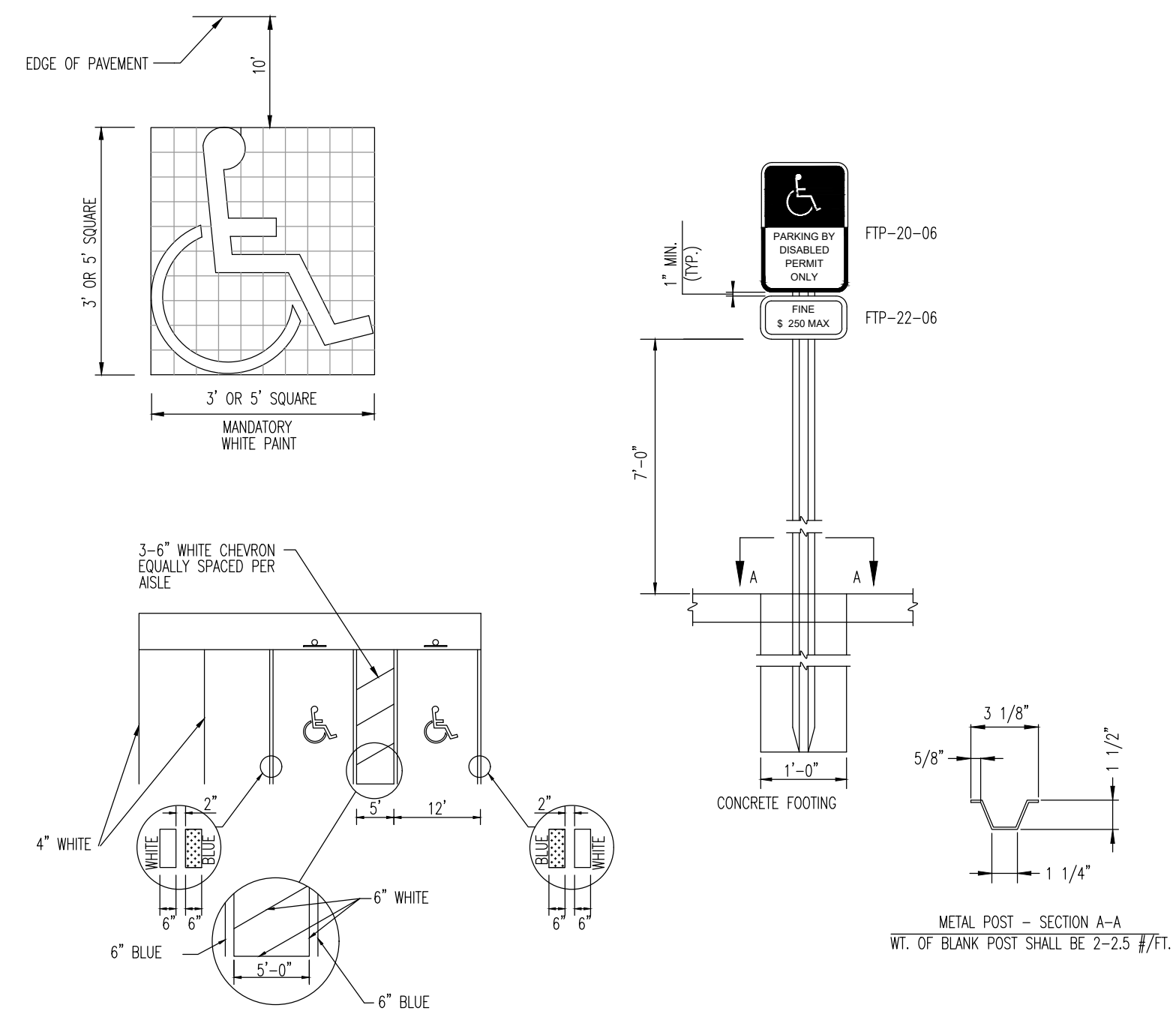


7700 - 9 POSITION  
7702 - 7 POSITION  
7703 - 5 POSITION



**SPECIFICATIONS**

**BIKE RACK:** Shall be constructed of formed 2-3/8" O.D. x .095" (13 gauge) wall galvanized steel tubing. The Bike Rack shall be an all-welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.  
**POWDER COAT FINISH:** Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794 - 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 400 degrees Fahrenheit.  
**SPECIFICATIONS:** GAMETIME has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

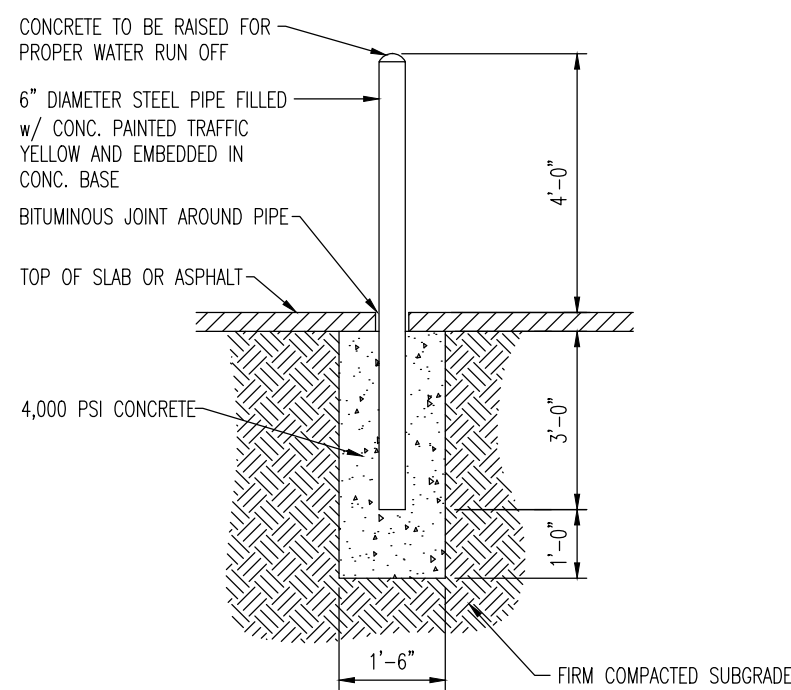


**NOTES:**

- STRIPING IS TO BE PAINT, CONFORMING WITH LATEST FLORIDA ACCESSIBILITY CODE.
- DIMENSIONS SHOWN ARE TO THE CENTERLINE OF THE STRIPE.
- EACH SPACE SHALL HAVE FTP-20-06 AND FTP-22-06 SIGNS AS SHOWN, FABRICATED WITH REFLECTIVE COATING IN THE SYMBOL, MESSAGE, AND BORDER, APPLIED TO A SHEET ALUMINUM BACKING 0.080 IN THICKNESS. MESSAGE LETTERING SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- CONCRETE FOOTING SHALL BE PORTLAND CEMENT CONCRETE AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
- METAL POST SHALL BE GALVANIZED AND ALL BOLTS, NUTS, WASHERS, AND SCREWS SHALL BE RUSTPROOF. POST SHALL BE PLACED A MINIMUM OF 2'-6" CLEAR FROM FACE OF CURB OR WHEELSTOP. POST SHALL HAVE 3/8" HOLES DRILLED 1" ON CENTER FULL LENGTH. MOUNT SIGNS WITH 5/16"x2-1/4" BOLTS, TOP AND BOTTOM OF SIGNS.

**ADA SIGNAGE AND STRIPING DETAIL**

NOT TO SCALE

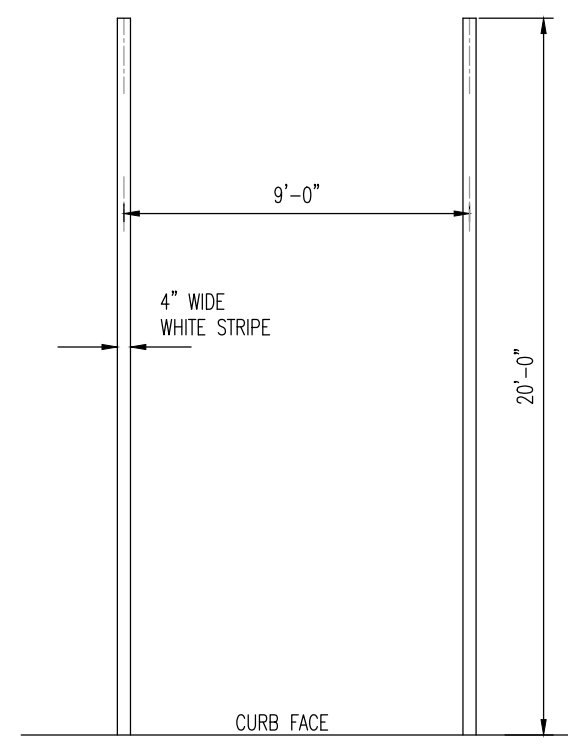


**NOTES:**

- BOLLARD MUST RESIST A FORCE OF 12,000 POUNDS APPLIED 36" ABOVE THE DRIVING SURFACE.
- BOLLARDS REQUIRED AS DEPICTED ON SITE PLAN DRAWINGS. TYPICALLY LOCATED AT BUILDING CORNERS, TRANSFORMERS, FIRE HYDRANTS, EXTERIOR WATER METER, GAS METER, FIRE DEPARTMENT CONNECTIONS, AND TRASH ENCLOSURES.

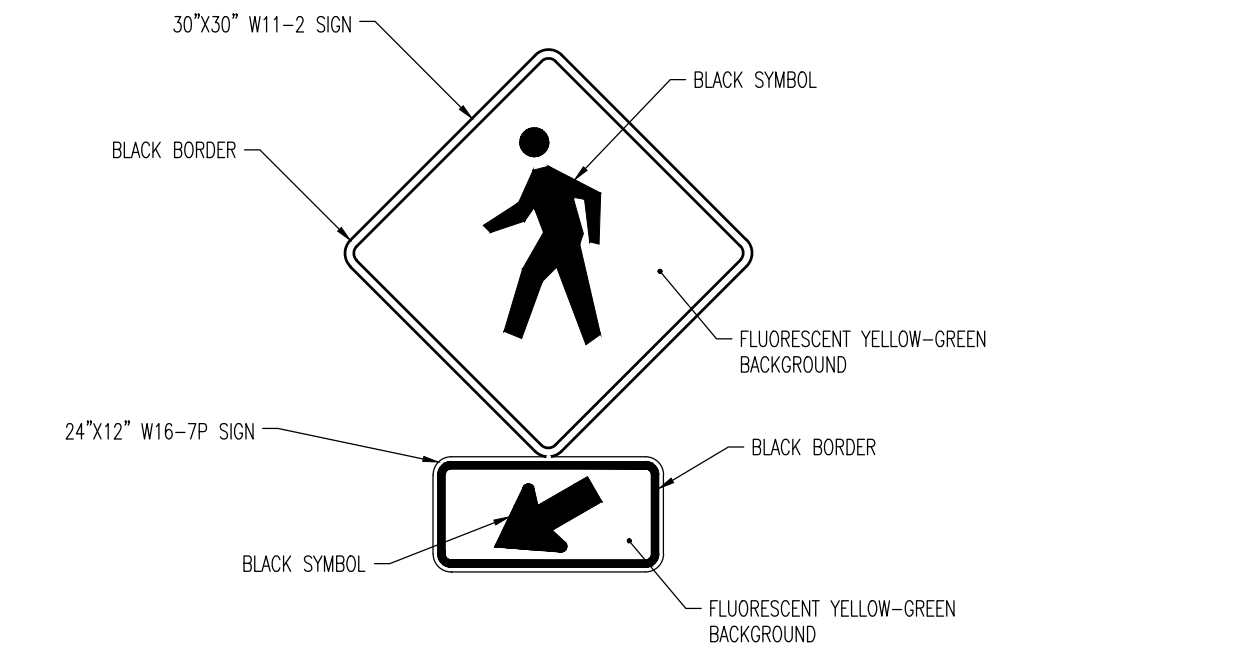
**6" BOLLARD DETAIL**

NOT TO SCALE



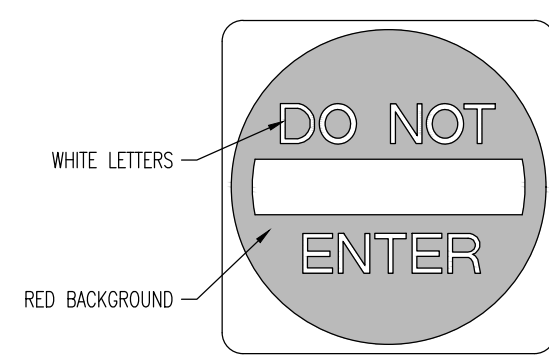
**PARKING STALL STRIPING DETAIL**

NOT TO SCALE



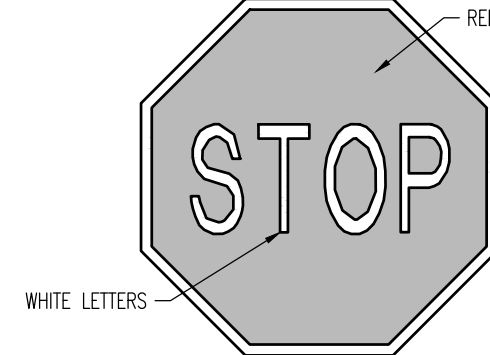
**PEDESTRIAN CROSSING SIGN AT CROSSWALK DETAIL**

NOT TO SCALE



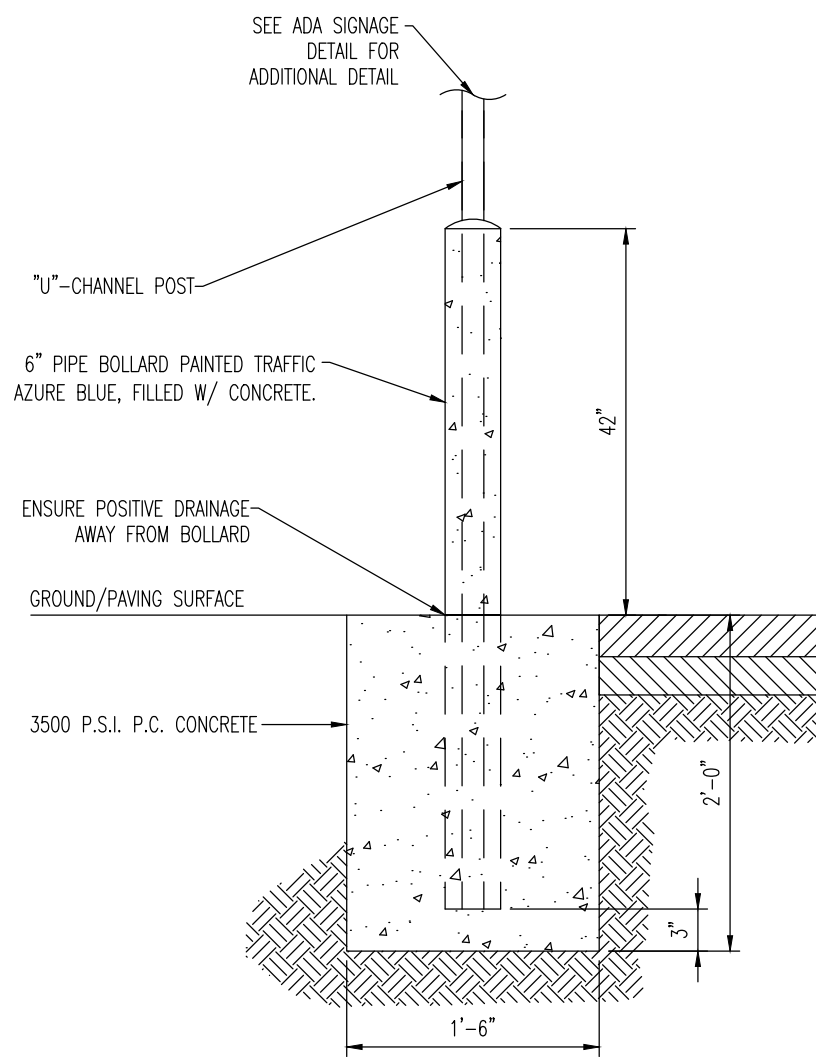
**R5-1 SIGN DETAIL**

NOT TO SCALE



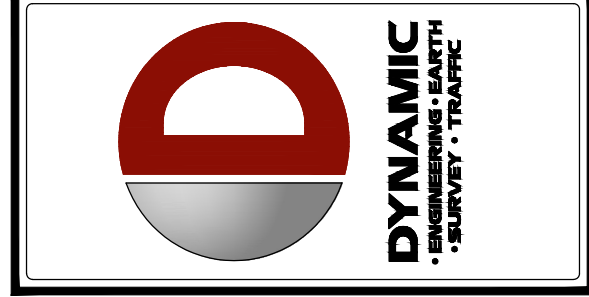
**R1-1 SIGN DETAIL**

NOT TO SCALE



**SIGN ON BOLLARD DETAIL**

NOT TO SCALE



REV.	DATE	BY	COMMENTS
1	04/17/25	BOE	REVIEW COMMENTS
2	05/09/25	AGENCY	AGENCY COMMENTS
3	06/11/25	AGENCY	AGENCY COMMENTS
4	11/17/25	REVISED	PER MASTER INFRASTRUCTURE UPDATES

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CHECKED BY: MDM  
DRAWN BY: SRM

**BDC ARCHITECTS, LLP**  
PROPOSED CHASE BANKS  
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LADY LAKE, LAKE COUNTY, FLORIDA 32159

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM  
SUNSHINE811: (800) 432-4770

TITLE:  
**SITE DETAILS**

SCALE: (H) NOT TO SCALE DATE: 02/12/2025  
(M) SCALE  
PROJECT No: 2521-24-02799

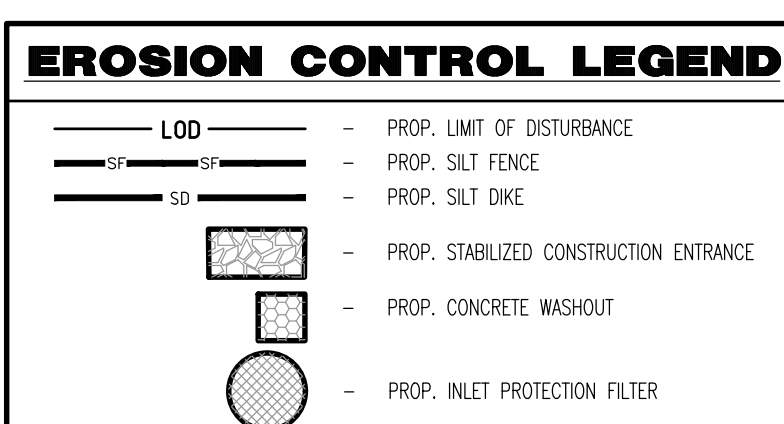
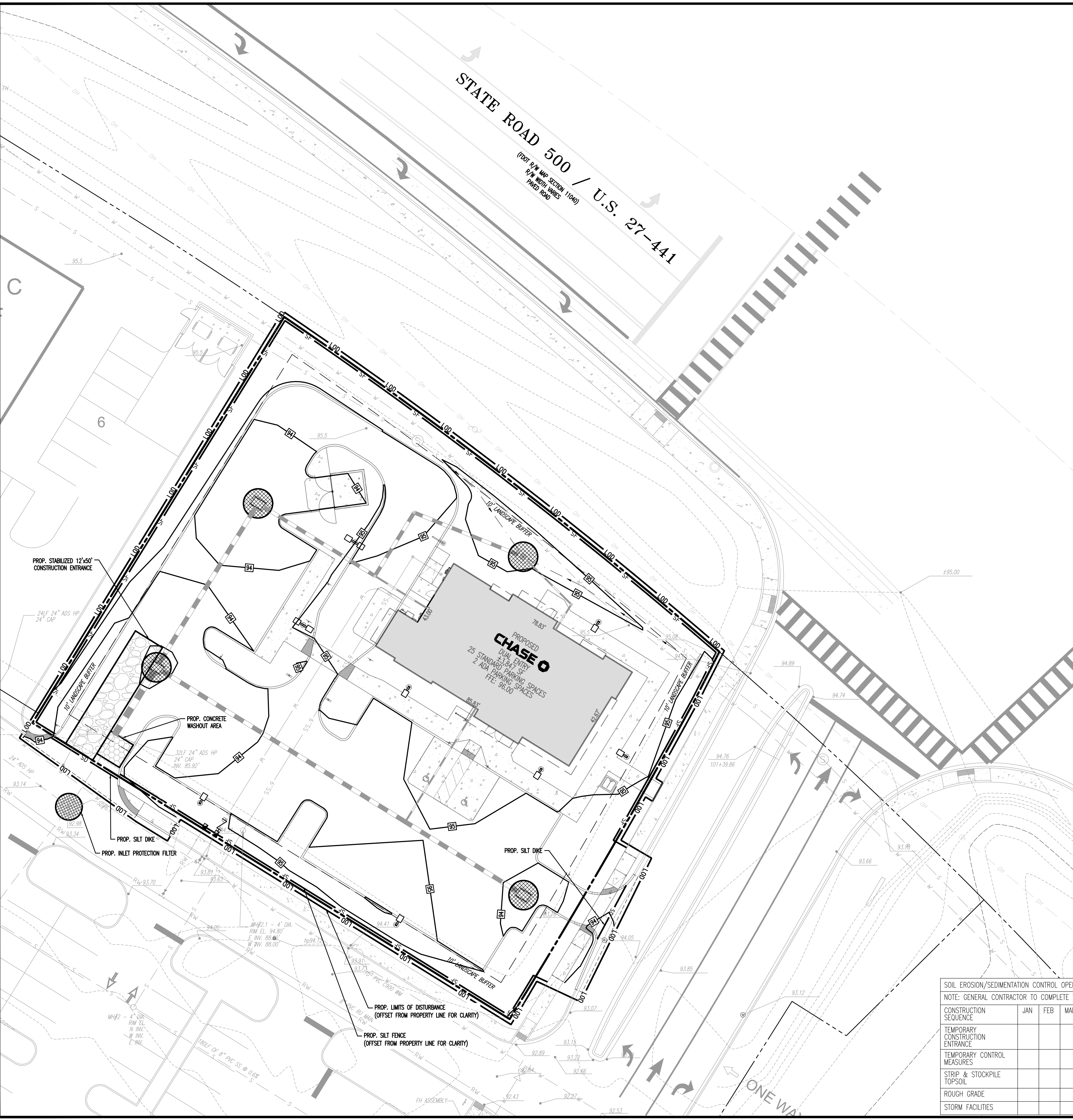
SHEET No: **C1.03** Rev. #: **3**

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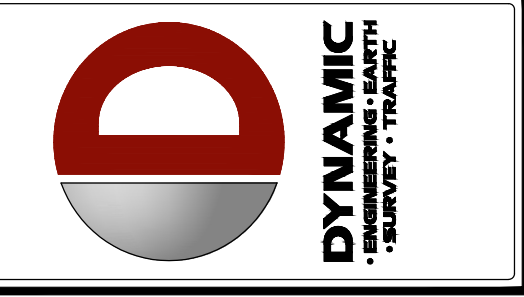
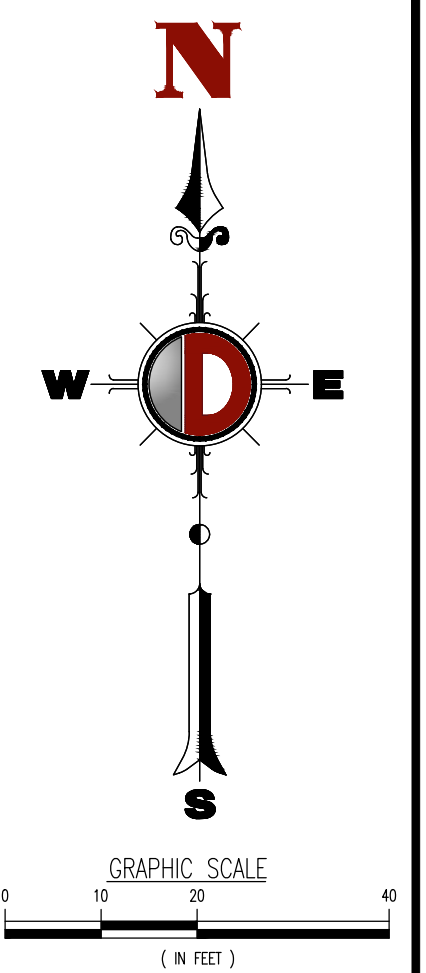


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- ### EROSION CONTROL NOTES
- SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
  - ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
  - PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
  - DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
  - A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
  - AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
  - CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
  - SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
  - WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
  - PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
  - WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND OUTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOULDER OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
  - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
  - PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
  - CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DOWNSLOPE ACTIVITIES.
  - CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
  - THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
  - NOI SHALL BE POSTED ON SITE.
  - DEWATERING ACTIVITIES:
    - DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
    - CONTRACTOR MUST HAVE A TRANSFERABLE SWPPP DOWNSLOPE PERMIT.
    - NO HYDRAULIC PUMPS MAY BE USED FOR DEWATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
- PHASING NOTES**
- CONTRACTOR MAY PHASE EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH SITE CONSTRUCTION PHASING.
  - CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION AREA IS SEPARATED FROM THE AREA NOT UNDER CONSTRUCTION WITH A TEMPORARY CHAIN LINK FENCE AND ENSURE THE SAFETY OF THE PUBLIC.
  - CONTRACTOR SHALL PROVIDE SWPPP AS REQUIRED FOR THE PROPOSED PAVING, GRADING AND DRAINAGE PLAN. SEE ATTACHED DETAILS AS NECESSARY.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE												
NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH SPECIFIC PROJECT SCHEDULE												
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION ENTRANCE												
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
ROUGH GRADE												
STORM FACILITIES												



REV.	DATE	BY	COMMENTS
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES	DSE
3	08/11/25	AGENCY COMMENTS	SRM
2	05/09/25	AGENCY COMMENTS	SRM
1	04/17/25	BDC REVIEW COMMENTS	SRM

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DESIGNED BY: JCP  
 CHECKED BY: MDM  
 DRAWN BY: SRM

**BDC ARCHITECTS, LLP**  
 PROJECT: PROPOSED CHASE BAWMS  
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 LADY LAKE, LAKE COUNTY, FLORIDA 32159

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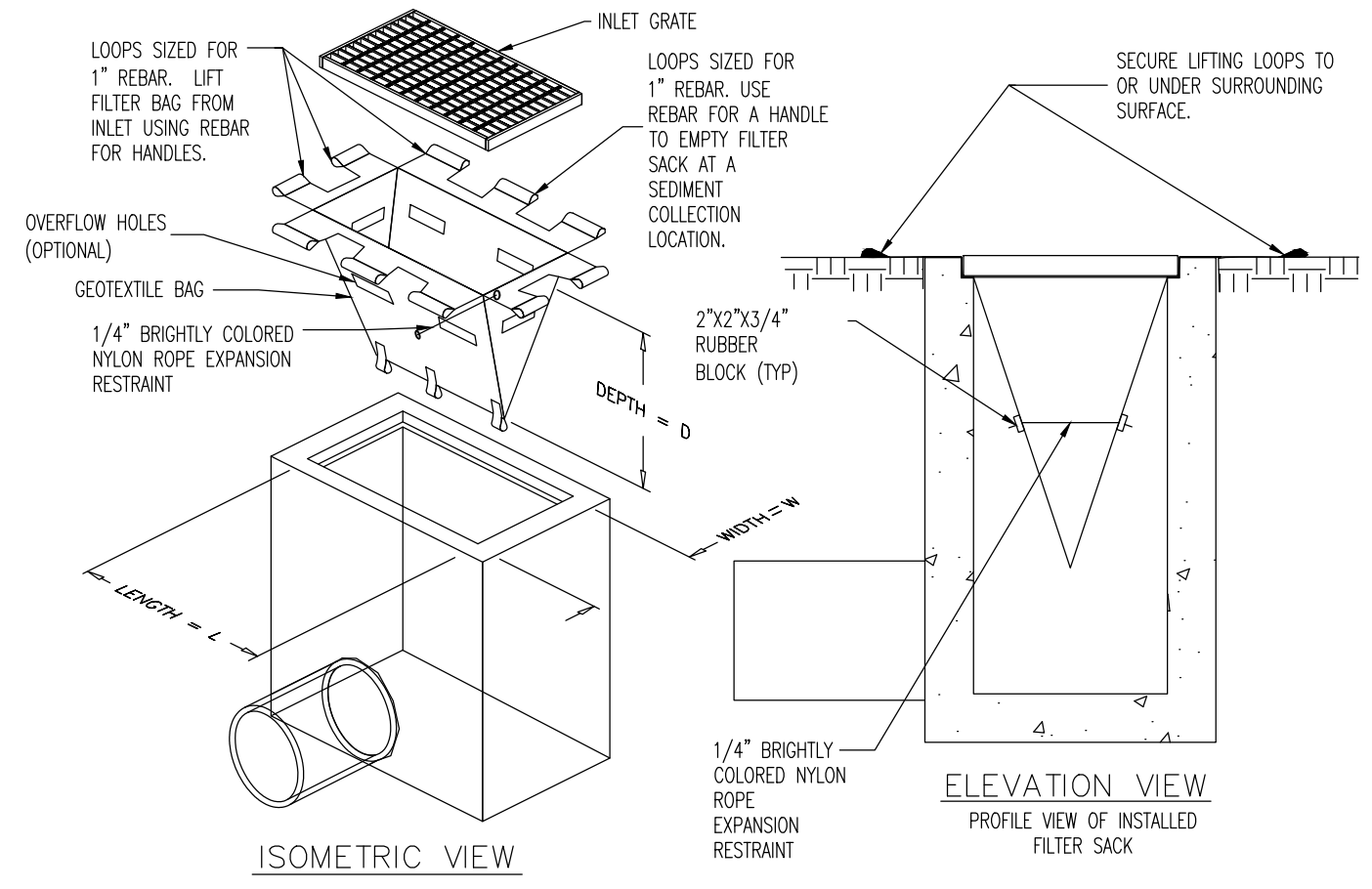
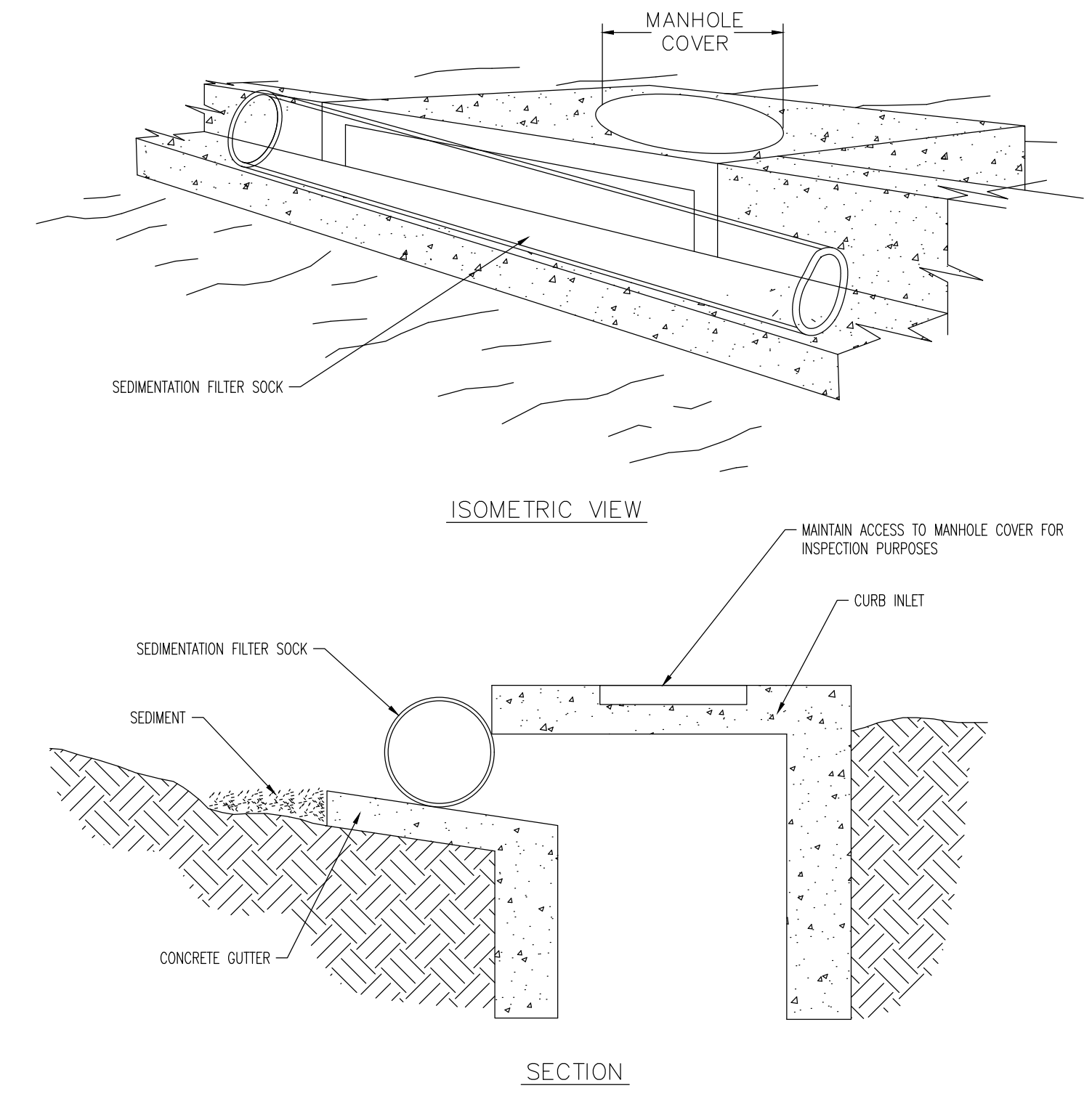
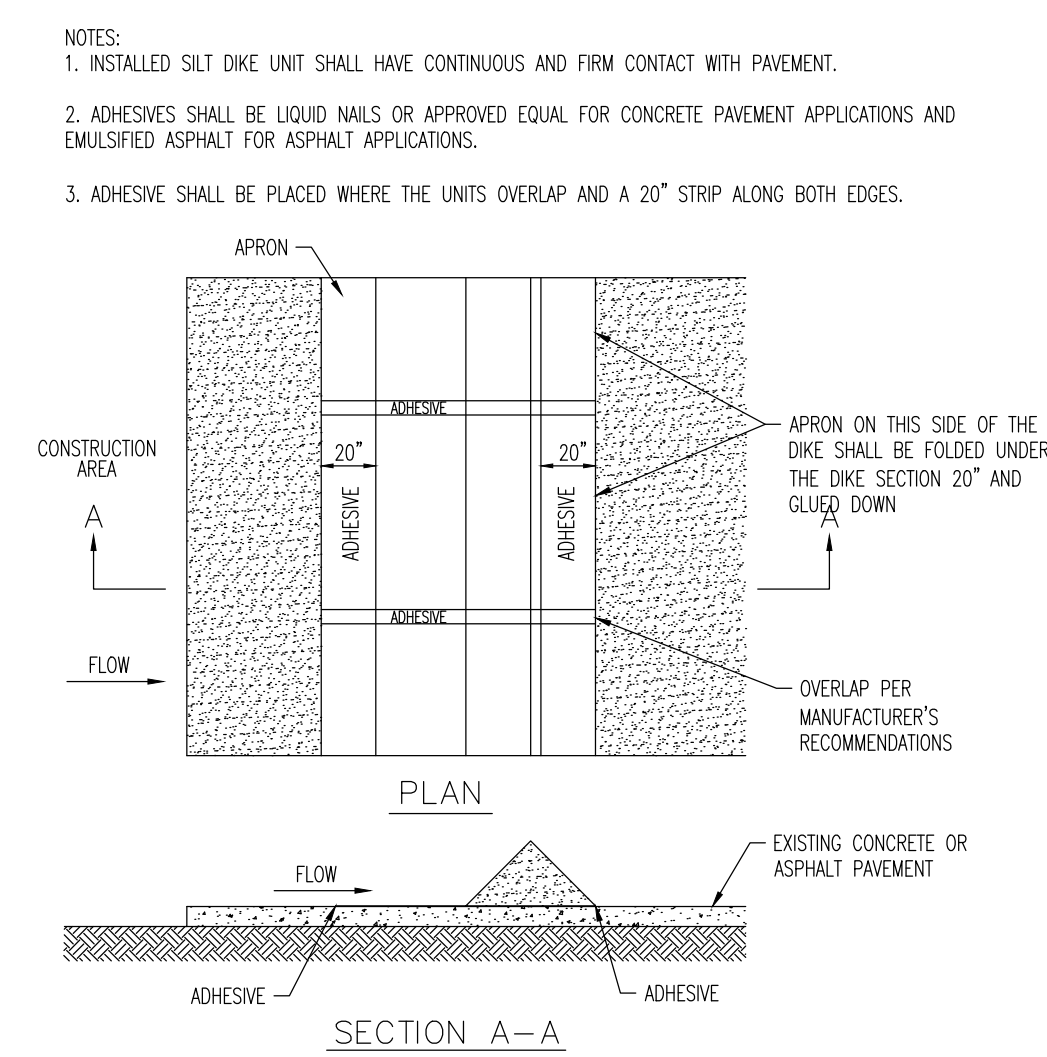
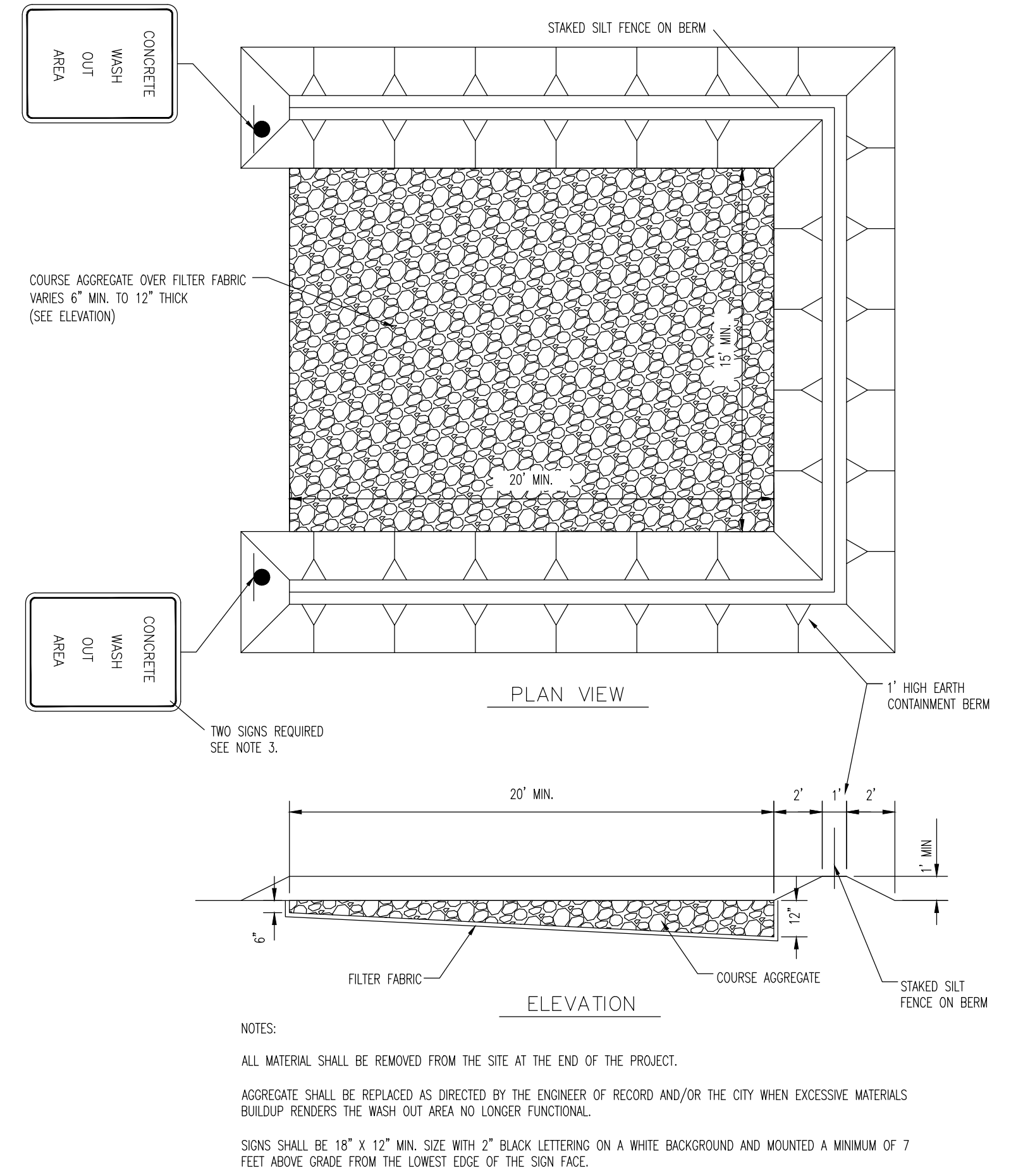
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TITLE: **EROSION CONTROL PLAN - PHASE II**

SCALE: (H) AS NOTED DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

SHEET No: **C2.01** Rev. #: **3**

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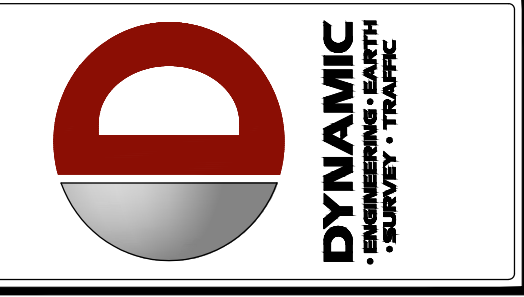
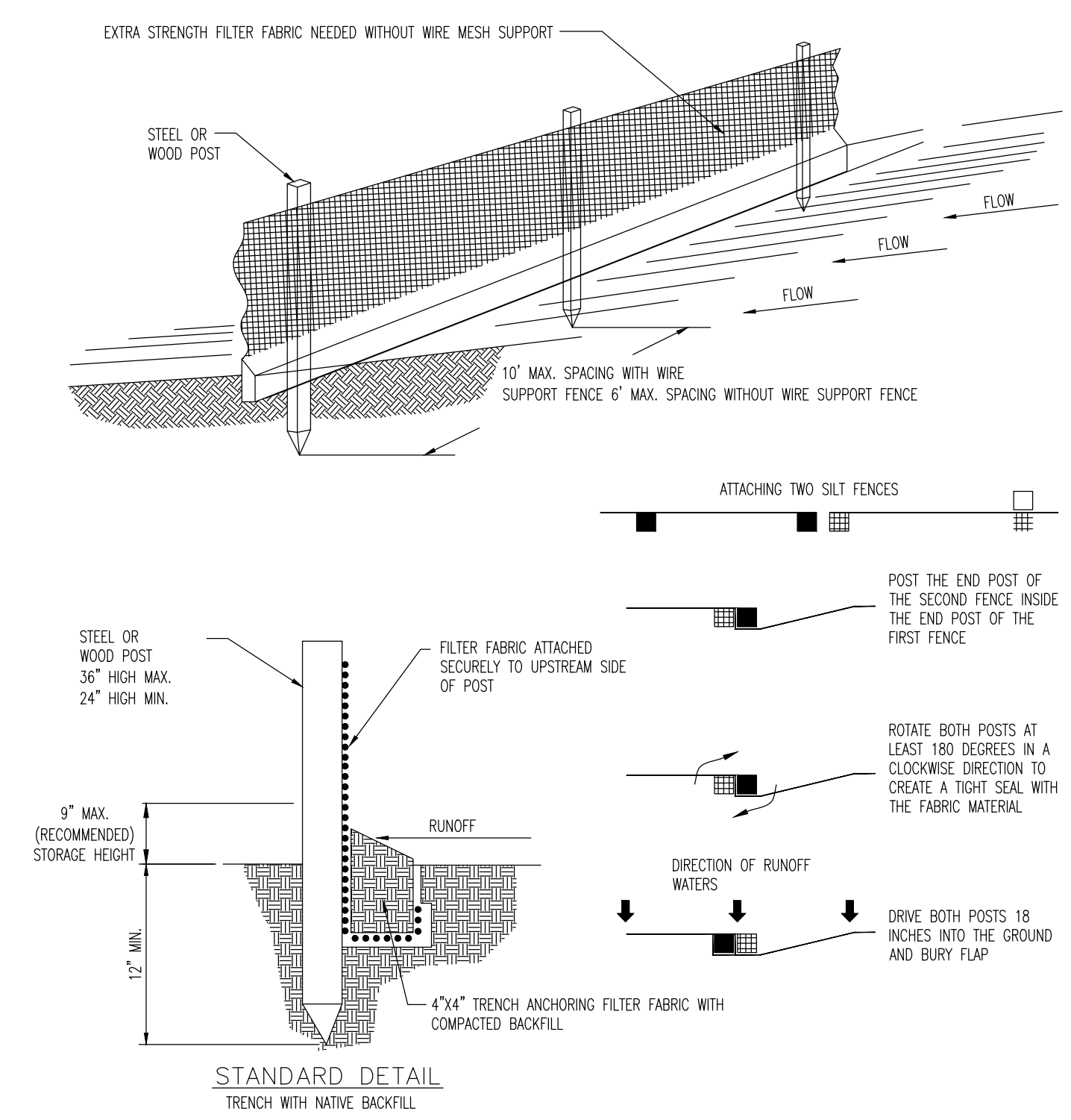
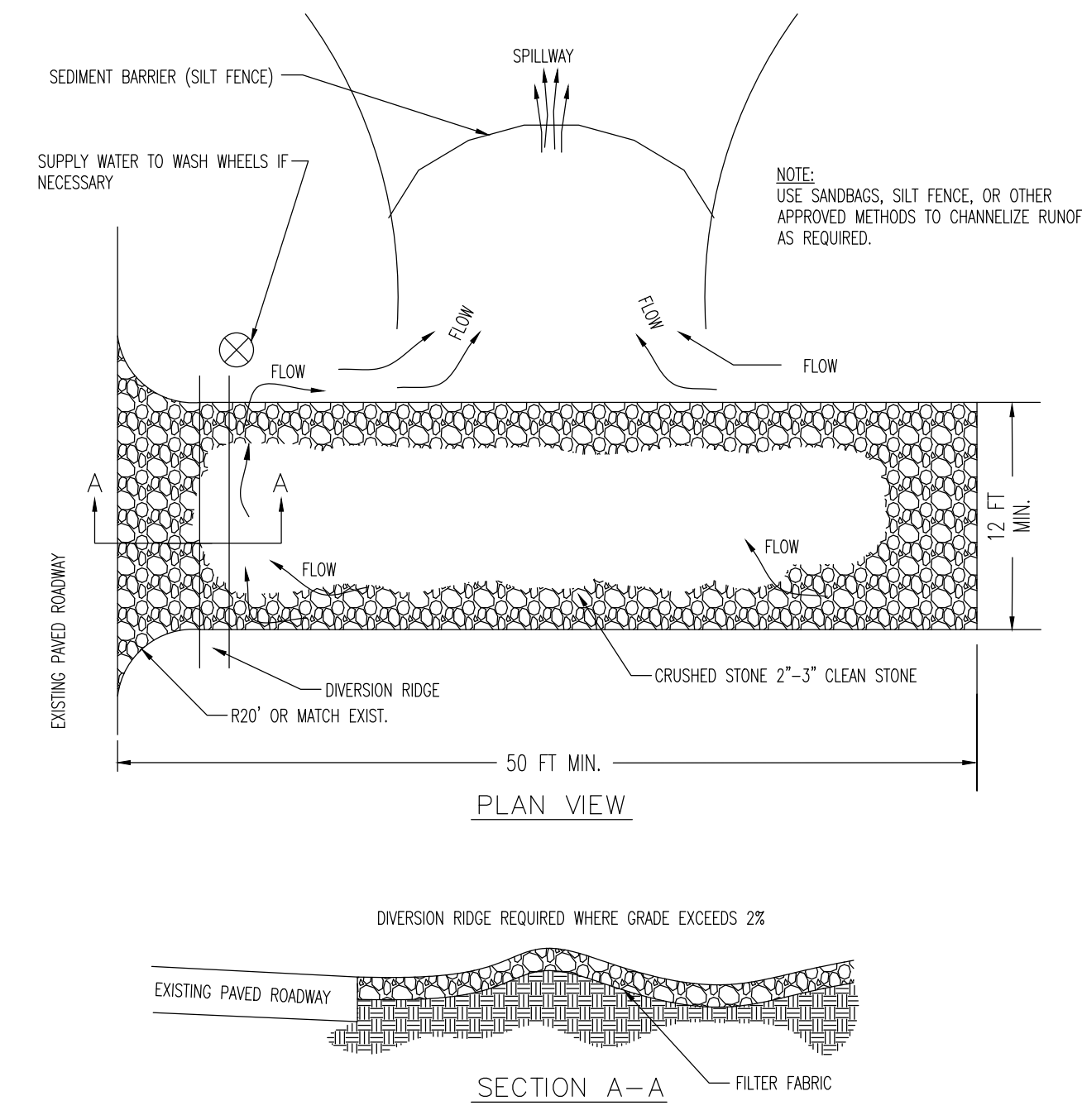


LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE			
PROPERTIES	TEST METHOD	UNITS	
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS	
GRAB TENSILE ELONGATION	ASTM D-4632	20 %	
PUNCTURE	ASTM D-4833	120 LBS	
MULLEN BURST	ASTM D-3786	800 PSI	
TRAPEZOID TEAR	ASTM D-4533	120 LBS	
UV RESISTANCE	ASTM D-4355	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	265 LBS	
GRAB TENSILE ELONGATION	ASTM D-4632	20 %	
PUNCTURE	ASTM D-4833	135 LBS	
MULLEN BURST	ASTM D-3786	420 PSI	
TRAPEZOID TEAR	ASTM D-4533	45 LBS	
UV RESISTANCE	ASTM D-4355	90 %	
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	

- EMPTY FILTER SACK WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN. GEOTEXTILE WILL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
- AN OIL ABSORBENT PAD OR PILLOW CAN BE PURCHASED WHEN OIL SPILLS ARE A CONCERN. INSPECT PER REGULATORY REQUIREMENTS.
- THE WIDTH, "W", OF THE FILTER SACK WILL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
- THE DEPTH, "D", OF THE FILTER SACK WILL BE BETWEEN 18 INCHES AND 36 INCHES.
- THE LENGTH, "L", OF THE FILTER SACK WILL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.



REV.	DATE	BY	COMMENTS
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES	DSE
3	08/11/25	AGENCY COMMENTS	SRM
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1	04/17/25	BOE REVIEW COMMENTS	SRM

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 LADY LAKE, LAKE COUNTY, FLORIDA 32159

DESIGNED BY: JCP  
 CHECKED BY: MDM  
 DRAWN BY: SRM

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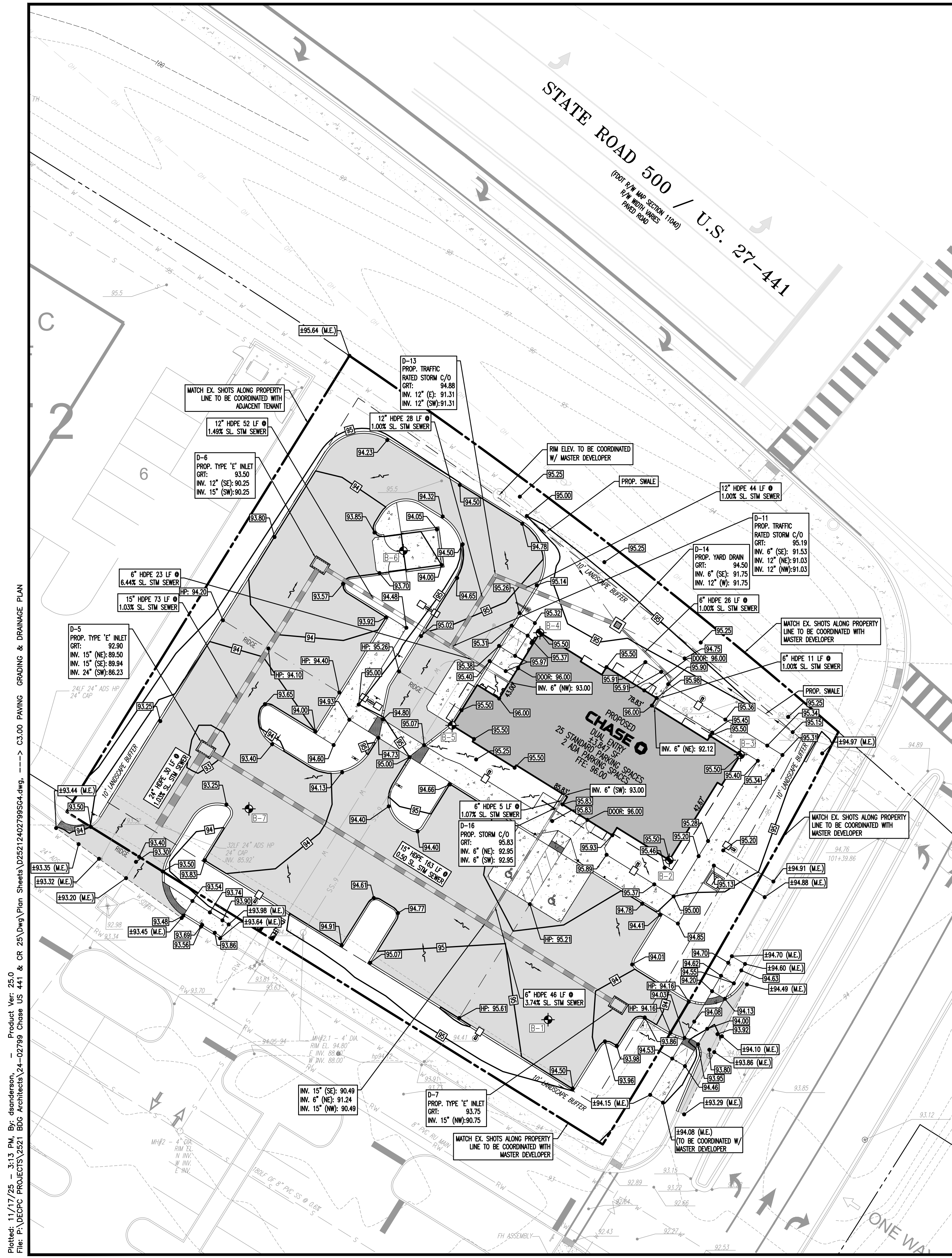
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TITLE: **EROSION CONTROL DETAILS**

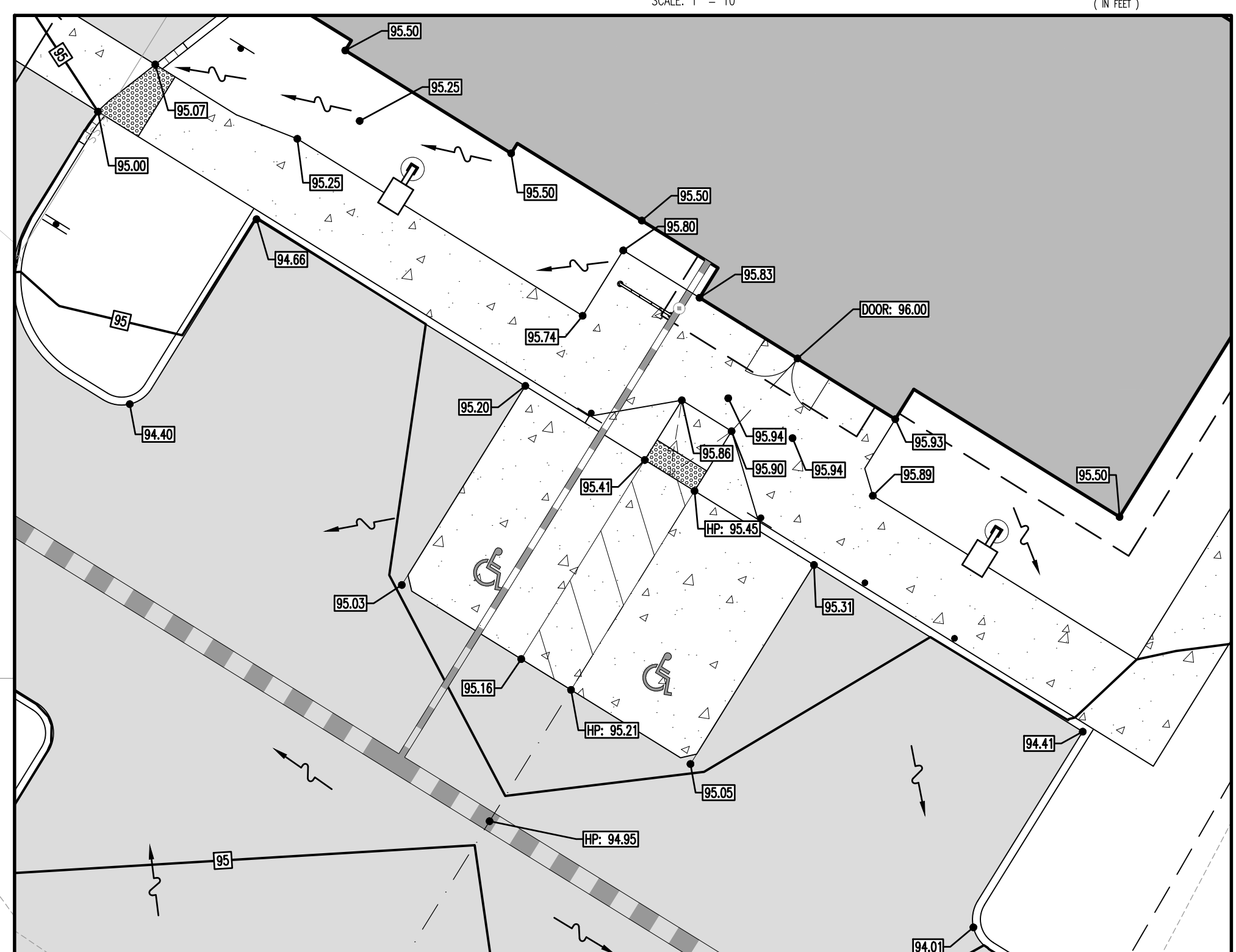
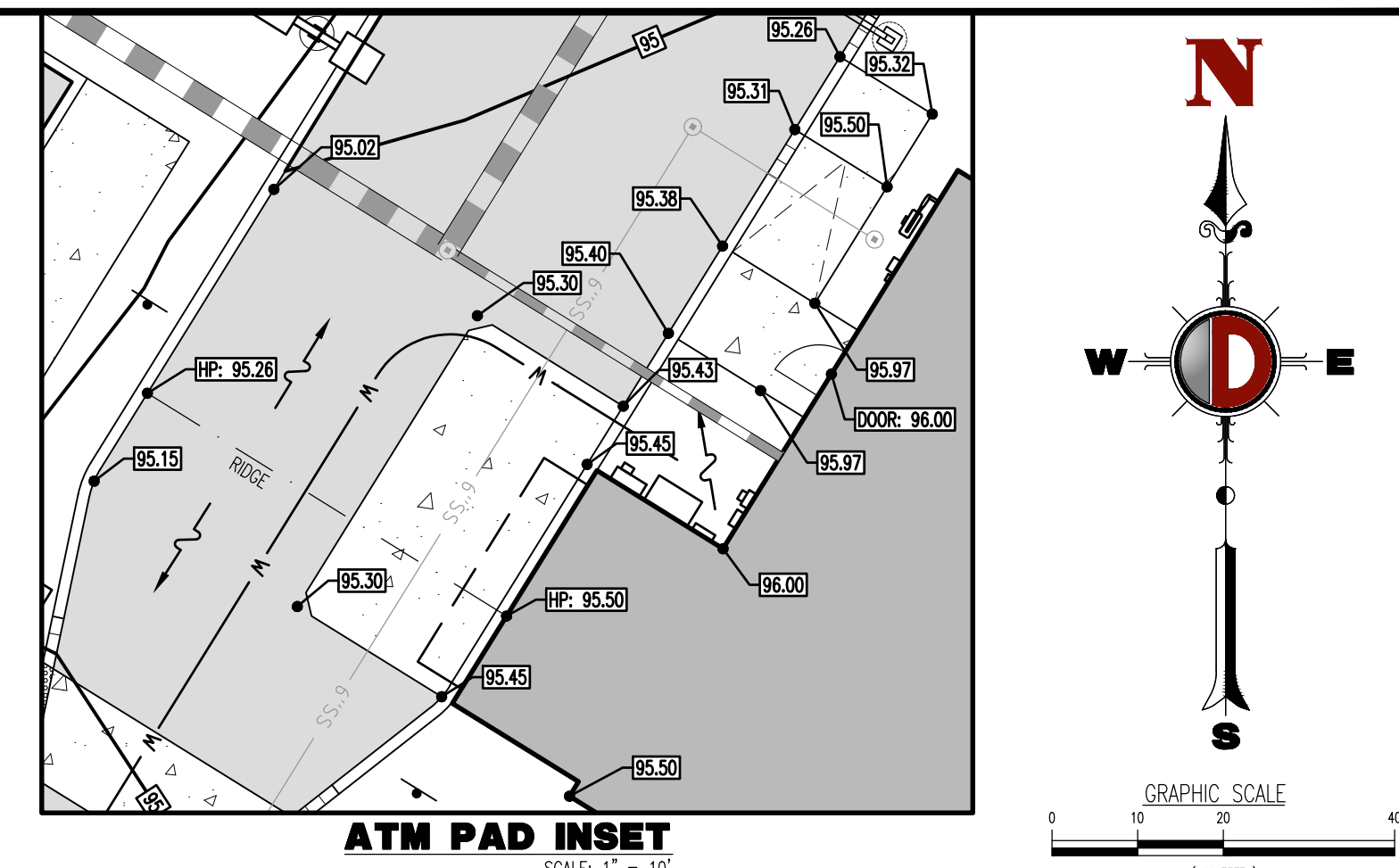
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PROJECT No: 2521-24-02799

SHEET No: **C2.02** Rev. #: 3



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4	74.0
5	76.2
6	NOT ENCOUNTERED
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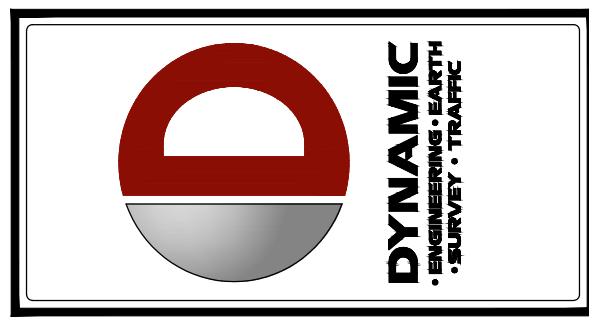
**ADA ACCESSIBILITY INSET**  
SCALE: 1" = 10'

**PAVING, GRADING & DRAINAGE NOTES**

- ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL, COUNTY OR FOOT REQUIREMENTS.
- ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D. '29).
- THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 1:12H (8.3%). ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2.0% IN ANY DIRECTION (INCLUDING DIAGONAL).
- ALL CATCH BASINS AND DRAINAGE COLLECTION STRUCTURES SHALL BE DESIGNED WITH AN EIGHTEEN INCH (18") VERTICAL SUMP FROM THE INVERT ELEVATION (OR BOTTOM OF BAFFLE) TO THE BOTTOM OF THE STRUCTURE. IN ADDITION, A TWELVE INCH (12") DIAMETER OPEN SUMP, FILLED WITH WASHED GRADE ROCK, NO LARGER THAN ONE AND ONE HALF INCHES (1 1/2") SHALL BE PLACED IN THE BASE OF THE STRUCTURE.
- DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) AND/OR U.S. FOUNDRY (USF) PRODUCTS AS SPECIFIED OR APPROVED EQUAL. ALL STORM DRAINAGE STRUCTURES MUST COMPLY WITH JURISDICTIONAL AGENCY DETAILS AND REGULATIONS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION OF STRUCTURES AND COMMENCEMENT OF CONSTRUCTION.
  - FOR ADS 14-12 CORRUGATED POLYETHYLENE DRAINAGE PIPE USE ADS DUAL WALL FABRICATED REDUCING SADDLE TEE 4" - 24" DIAMETER
  - FOR RCP DRAINAGE PIPE MAKE CONNECTION PER FDOT INDEX 430-001, CONCRETE COLLAR FOR JOINING MANLINE PIPE AND STUB PIPE DETAIL
  - NOTIFY ENGINEER FOR CONNECTION METHOD TO STEEL PIPE.
- ALL RAMPS SHALL COMPLY WITH FDOT INDEX 522-002.
- STORM DRAIN PIPE SHALL BE AS FOLLOWS:
  - RCP CLASS III PER ASTM C-76
  - ALUMINIZED STEEL TYPE 2 ULTRA FLO
  - 48" Ø AND SMALLER SHALL BE 3/8" x 7/8" CORRUGATION
  - 16 GA WITH A MINIMUM THICKNESS OF 0.064"
  - 54" Ø AND LARGER SHALL BE 3/8" x 3/4" CORRUGATION
  - 14 GA WITH A MINIMUM THICKNESS OF 0.075"
  - C CORRUGATED POLYETHYLENE PIPE PER AASHTO M294 JOINTS SHALL BE WATER TIGHT
  - ANY STORM PIPE USED MUST BE APPROVED BY LOCAL AUTHORITIES. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PRODUCT.
- CONTRACTOR SHALL CLEAN ALL PROPOSED DRAINAGE STRUCTURES AND PIPES UPON COMPLETION OF CONSTRUCTION.
- PROPOSED ELEVATIONS OF CURB REPRESENT FACE OF CURB OR EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
- PROPOSED ELEVATIONS IN ALL PAVEMENT AREAS REPRESENT FINISHED TOP OF SOO/GRASS OR ANY OTHER LANDSCAPING MATERIAL.
- ALL DRAINAGE STRUCTURES SHALL CONFORM TO THE LATEST FDOT INDEX STANDARDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL STRIPING IS TO BE PAINTED IN ACCORDANCE WITH FDOT REQUIREMENTS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE BOXES, ETC. TO PROPOSED GRADE IN VICINITY OF PAVEMENT RECONSTRUCTION AND GRADE CHANGES.
- INLETS CONSTRUCTED ON-SITE IN PAVEMENT OR GRASS AREAS SHALL BE USF (OR APPROVED EQUAL) FRAME 4132 AND GRATE 6429 UNLESS OTHERWISE SPECIFIED.
- INLETS CONSTRUCTED ON-SITE IN TYPE "D" OR TYPE "F" CURB SHALL BE USF (OR APPROVED EQUAL) FRAME 5130 AND GRATE 6168.
- STORM MANHOLES CONSTRUCTED ON-SITE SHALL BE USF (OR APPROVED EQUAL) #170 RING WITH DOUBLE COVER.
- GRATES IN PAVED AREAS SHALL BE SET AT GRADE. GRATES IN GRASS AREAS SHALL BE SET 0.15 FEET ABOVE GRADE.
- ALL PAVEMENT MARKING AND STRIPING, EXCLUDING PARKING STALL STRIPING, SHALL BE INSTALLED WITH THERMOPLASTIC MATERIALS. ALSO, PAVEMENT BRICKS OF APPROPRIATE COLOR SHALL BE USED ON PAVED BRICK AREAS IN LIEU OF PAINT OR THERMOPLASTIC MATERIAL.
- ALL EXISTING AND PROPOSED RIM ELEVATIONS SHALL BE SET TO FINISHED SURFACE GRADE, UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLAN. THIS SHALL INCLUDE ALL UTILITY, SEWER, WATER AND DRAINAGE STRUCTURES, MANHOLES, INLETS, VAULTS, VALVES AND OTHER APPURTENANCES.

**PAVEMENT LEGEND**

	= STANDARD DUTY ASPHALTIC CONCRETE PAVEMENT
	= STANDARD DUTY CONCRETE PAVEMENT



REV.	DATE	BY	COMMENTS
1	04/17/25	BOE	REVIEW COMMENTS
2	05/09/25	SRV	AGENCY COMMENTS
3	06/11/25	SRV	AGENCY COMMENTS
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES	

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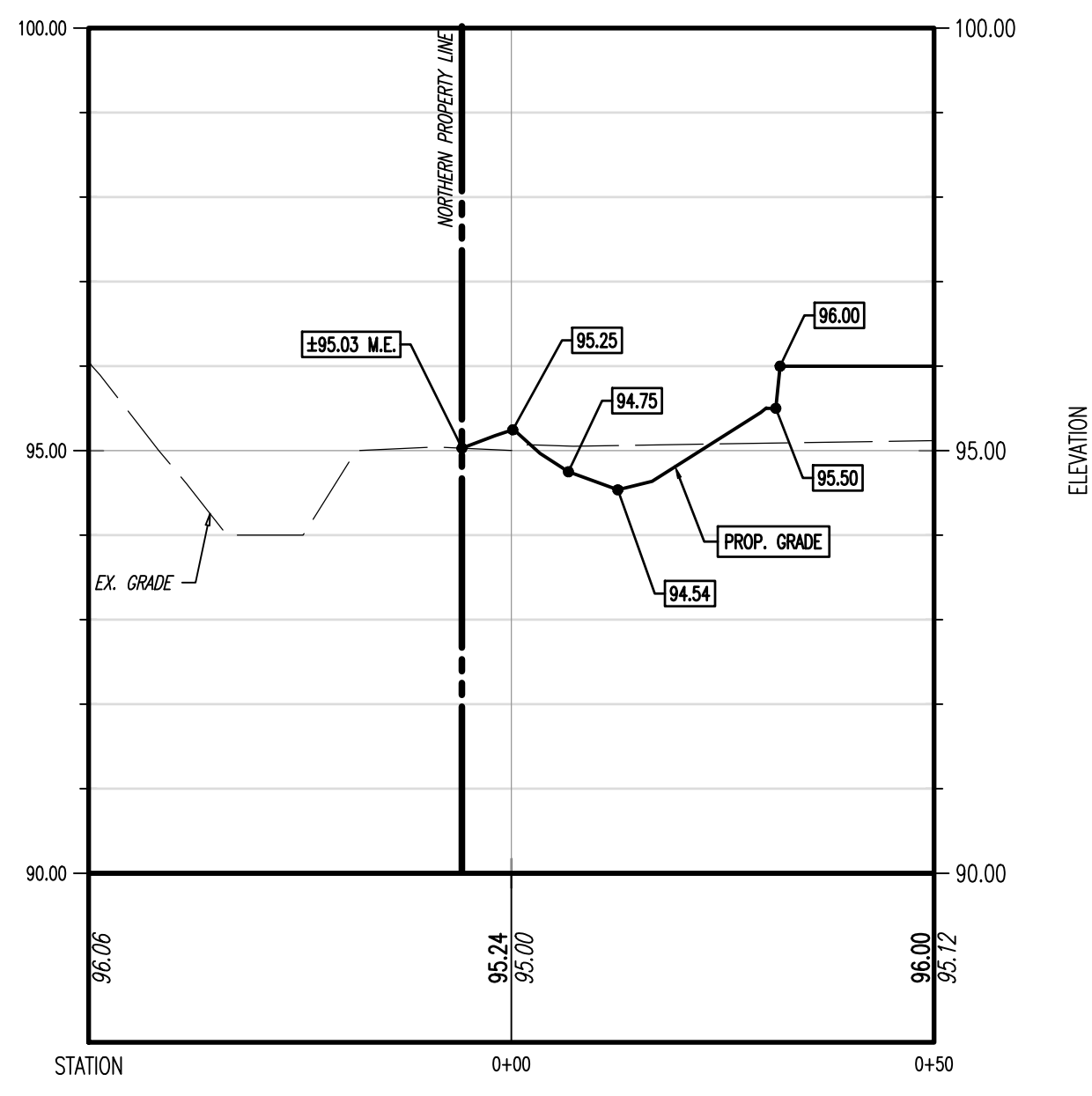
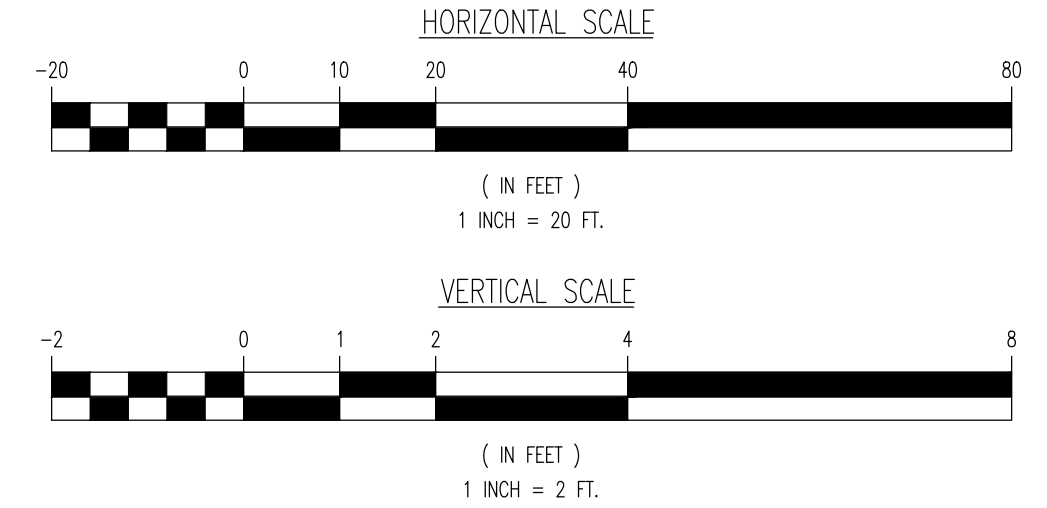
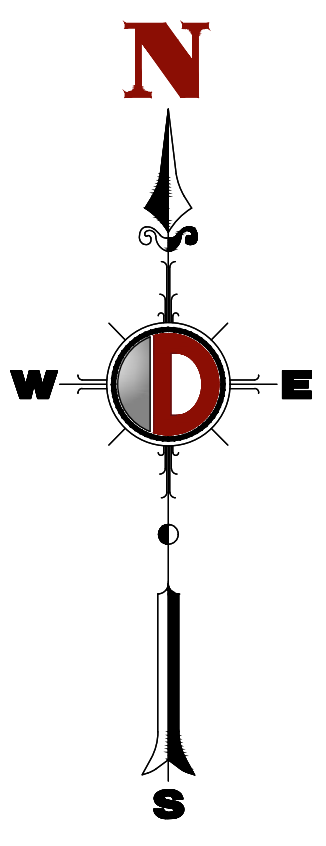
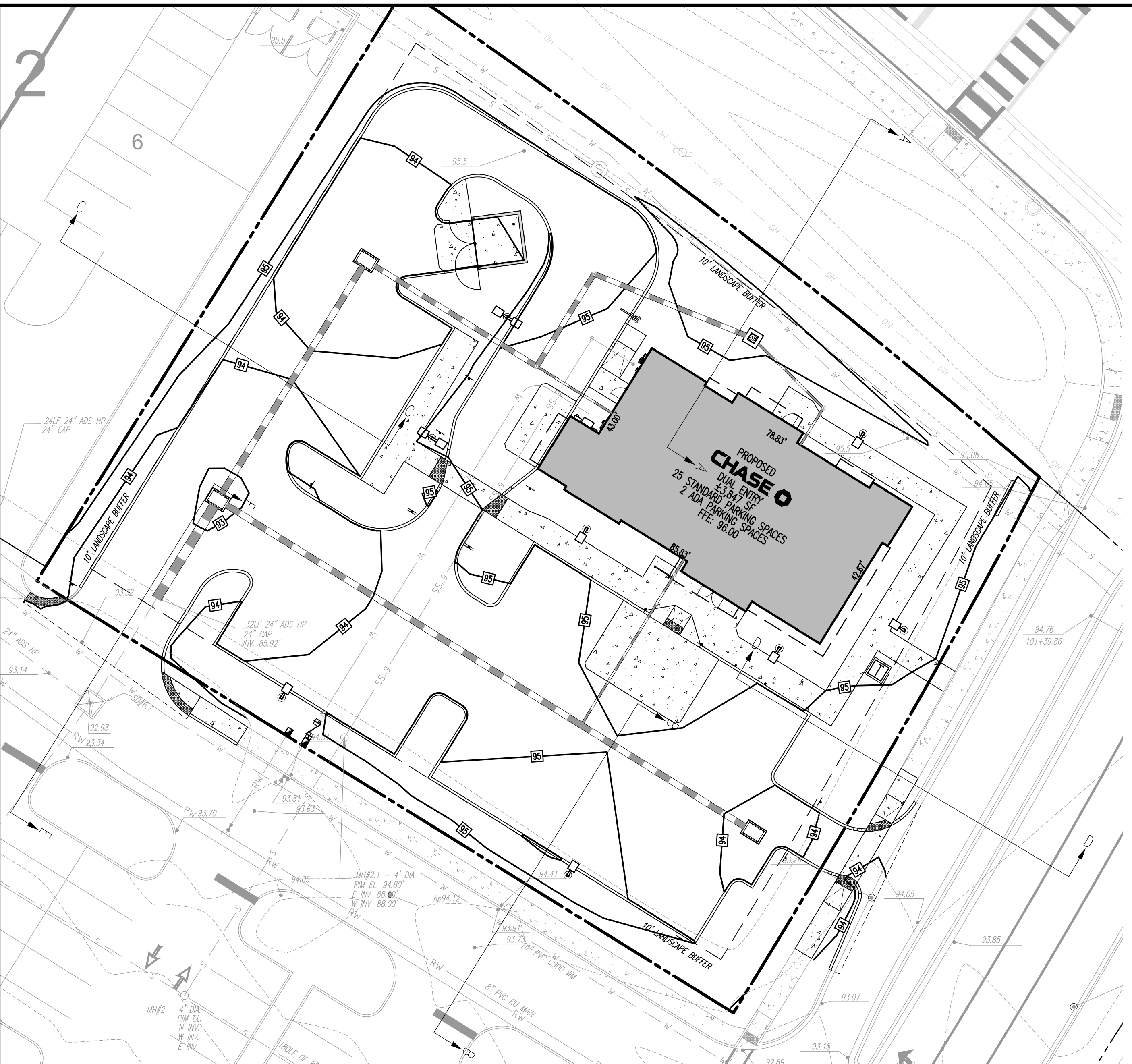
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TITLE: **PAVING, GRADING & DRAINAGE PLAN**

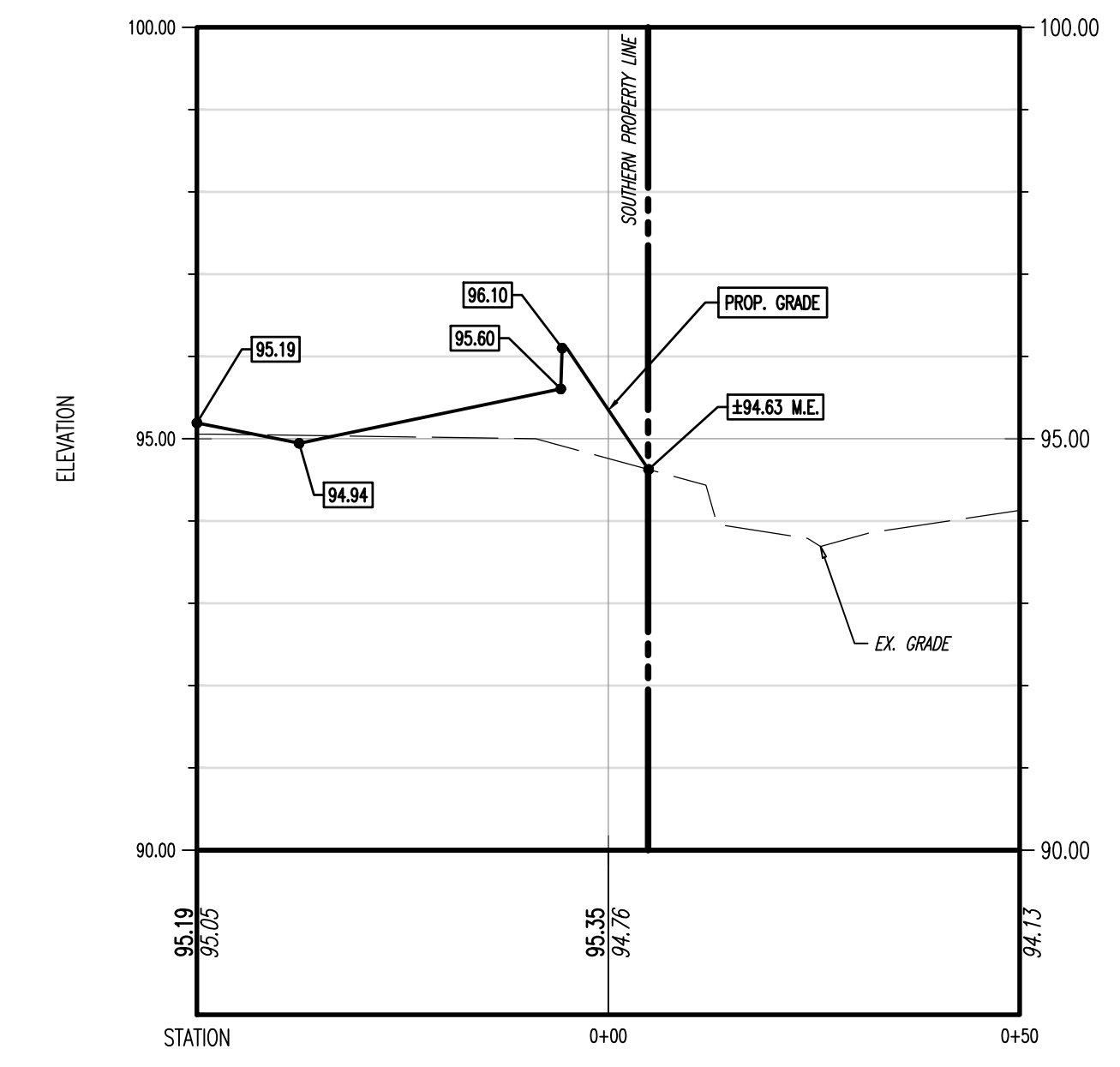
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PROJECT No: 2521-24-02799

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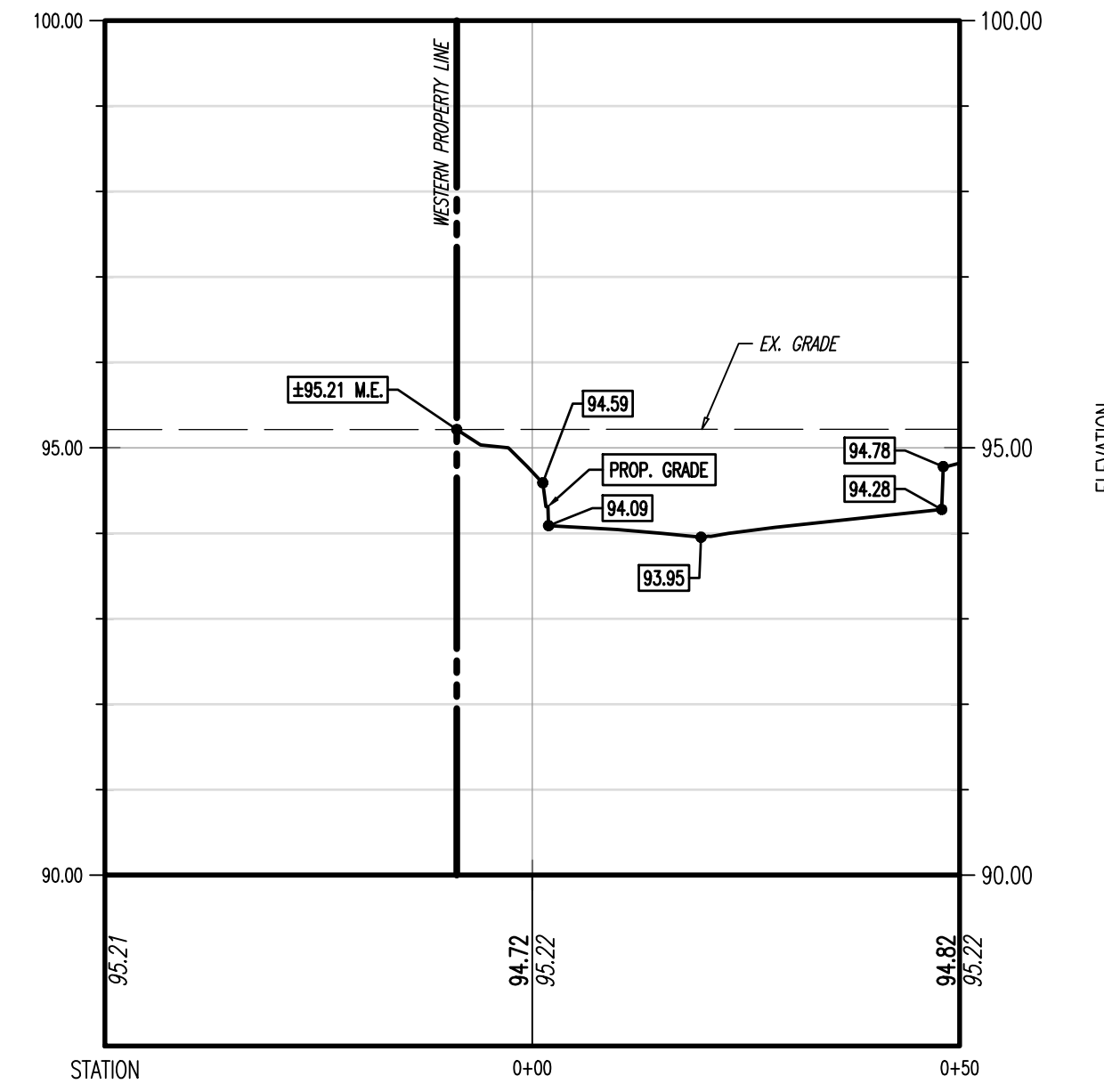
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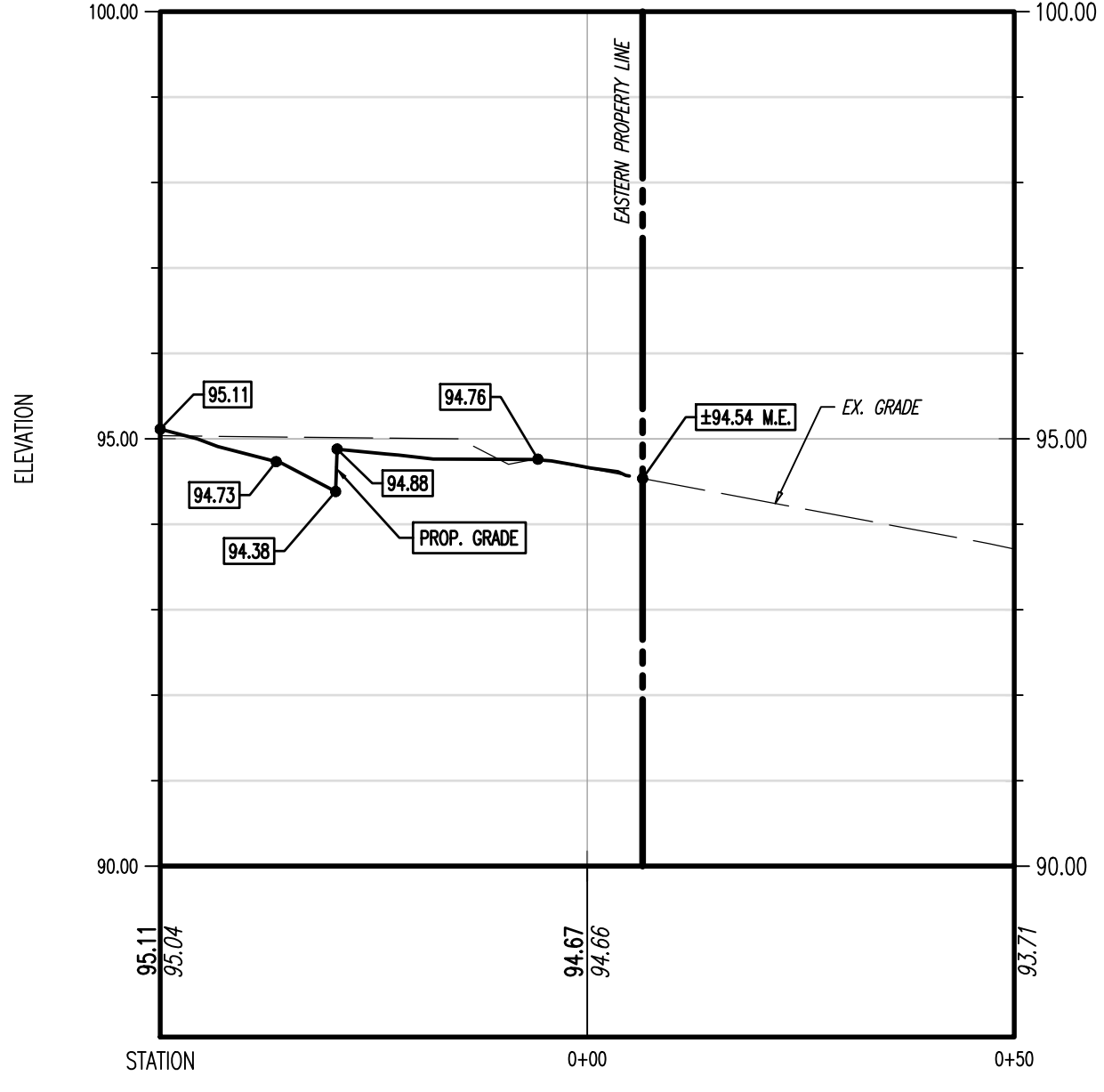
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VERTICAL SCALE: 1"=2'



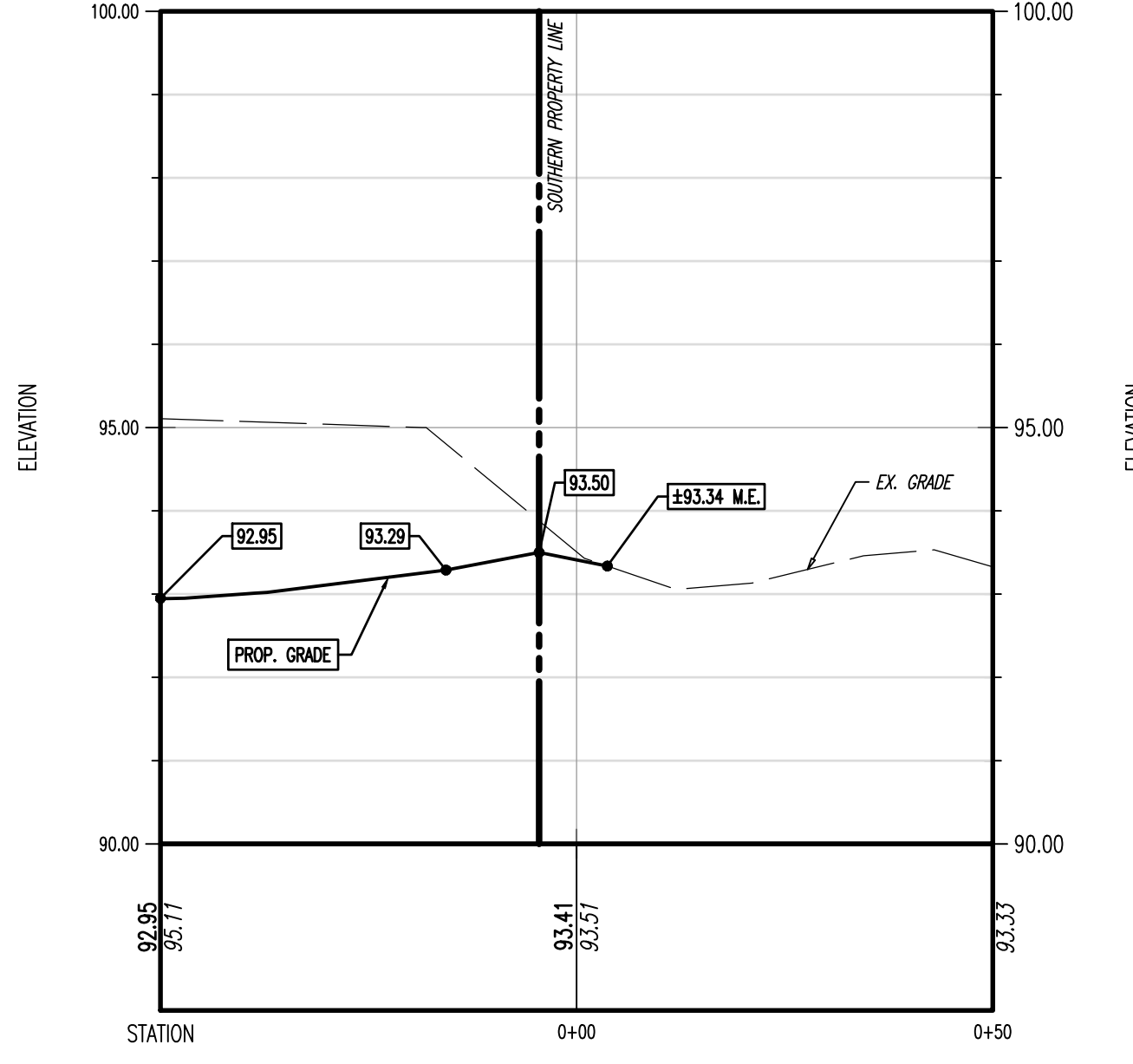
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HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=2'



PROFILE VIEW OF PROFILE C-C  
HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=2'

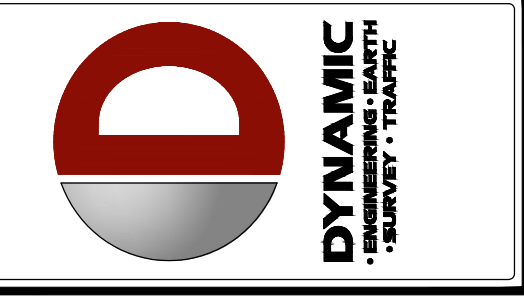


PROFILE VIEW OF PROFILE D-D  
HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=2'



PROFILE VIEW OF PROFILE E-E  
HORIZONTAL SCALE: 1"=20'  
VERTICAL SCALE: 1"=2'

Plotted: 11/17/25 - 3:13 PM. By: dsanderson. Product Ver: 25.0  
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REV.	DATE	BY	COMMENTS
1	04/17/25	BDC	REVIEW COMMENTS
2	05/09/25	SRN	AGENCY COMMENTS
3	08/11/25	SRN	AGENCY COMMENTS
4	11/17/25	SRN	REVISED PER MASTER INFRASTRUCTURE UPDATES

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DRAWN BY: SRN  
 DESIGNED BY: JCP  
 CHECKED BY: MDM  
 PROJECT: BDC ARCHITECTS, LLP  
 PROPOSED CHASE BAWMS  
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 LADY LAKE, LAKE COUNTY, FLORIDA 32159

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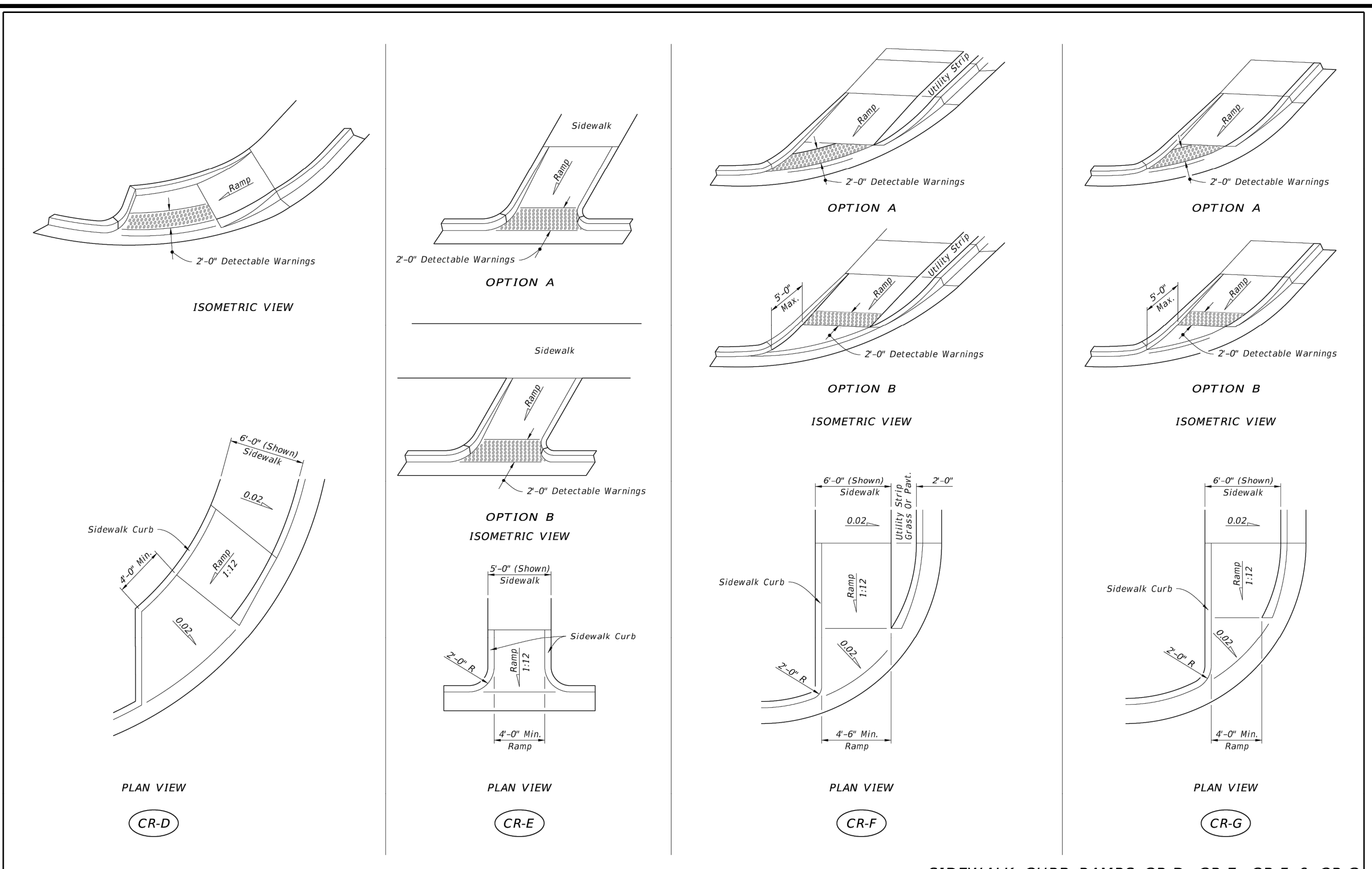
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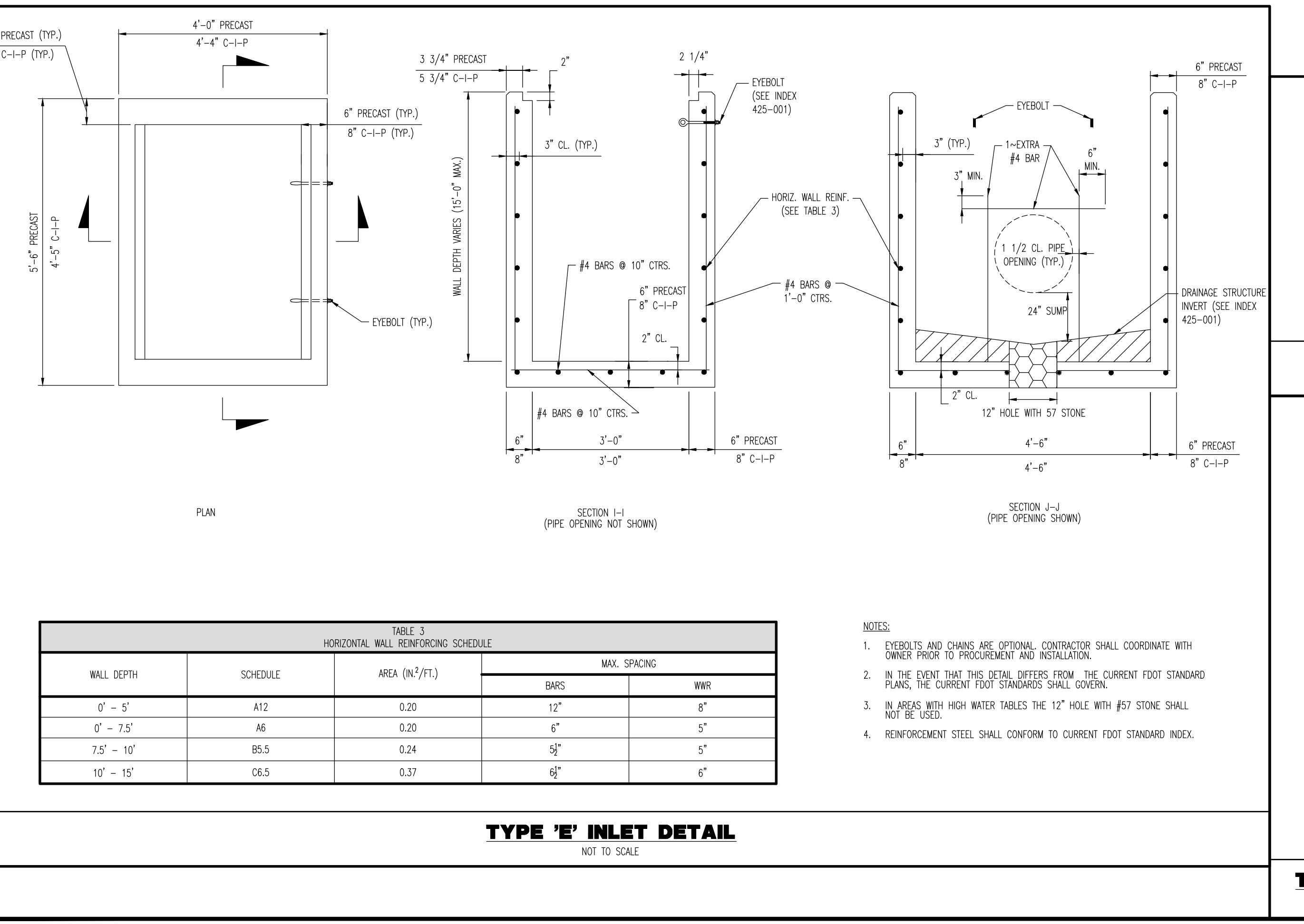
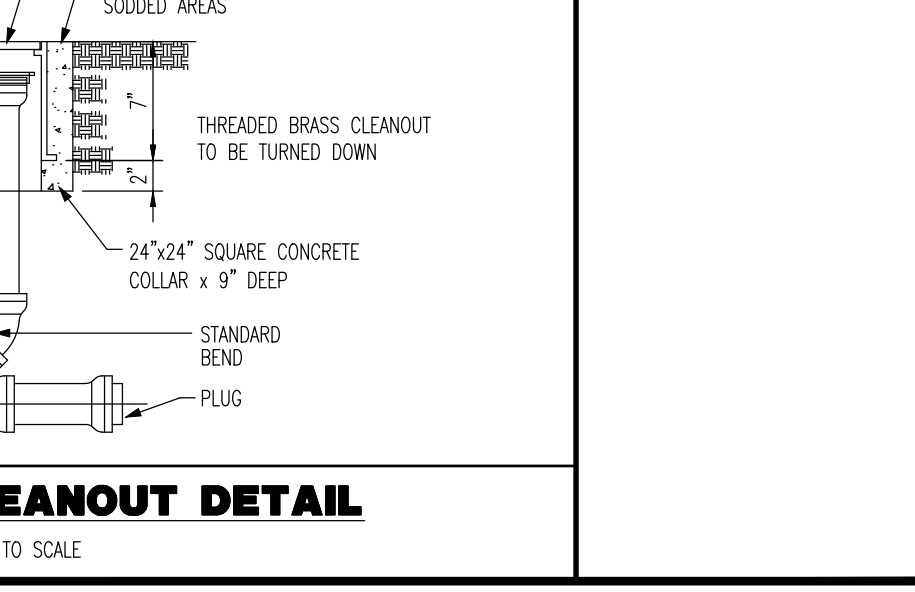
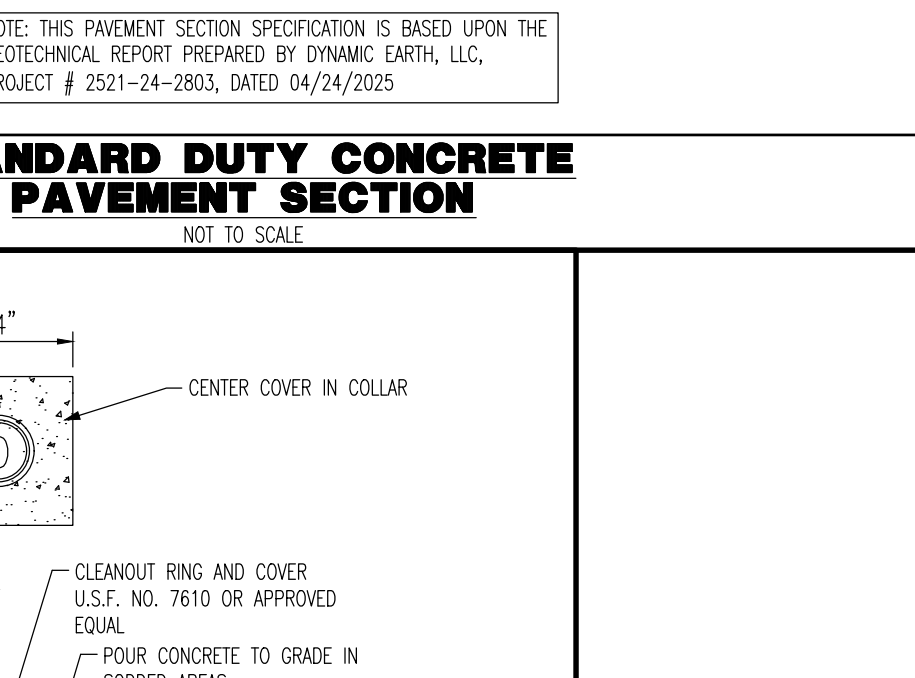
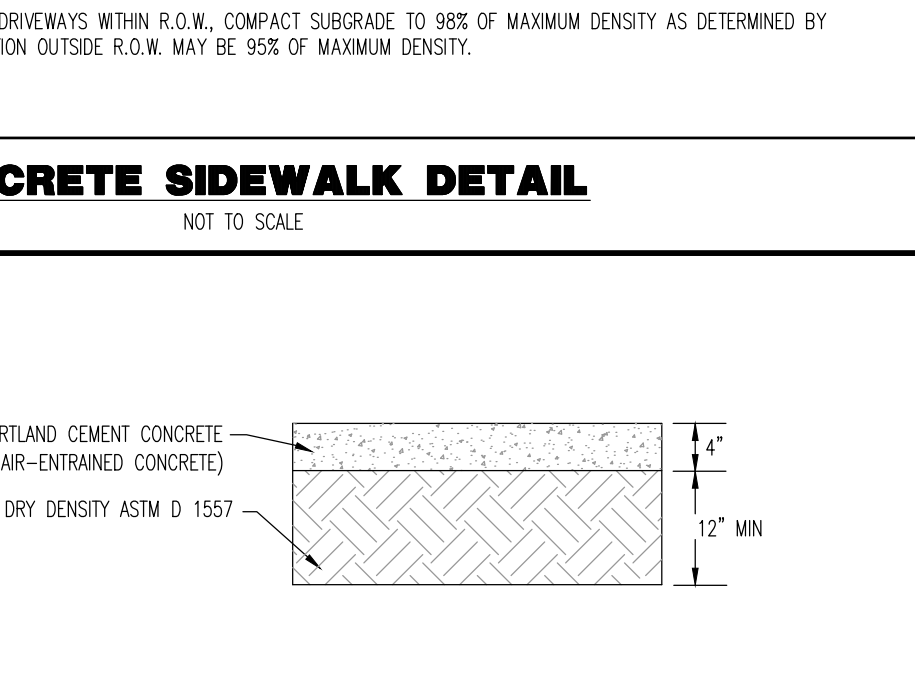
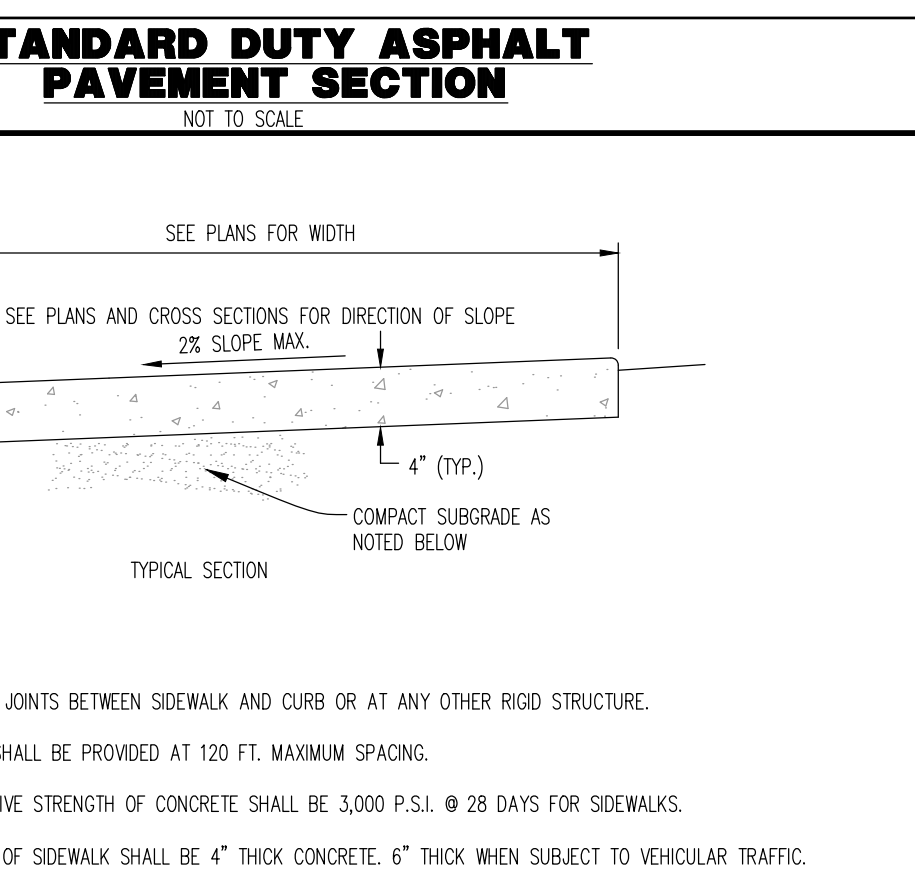
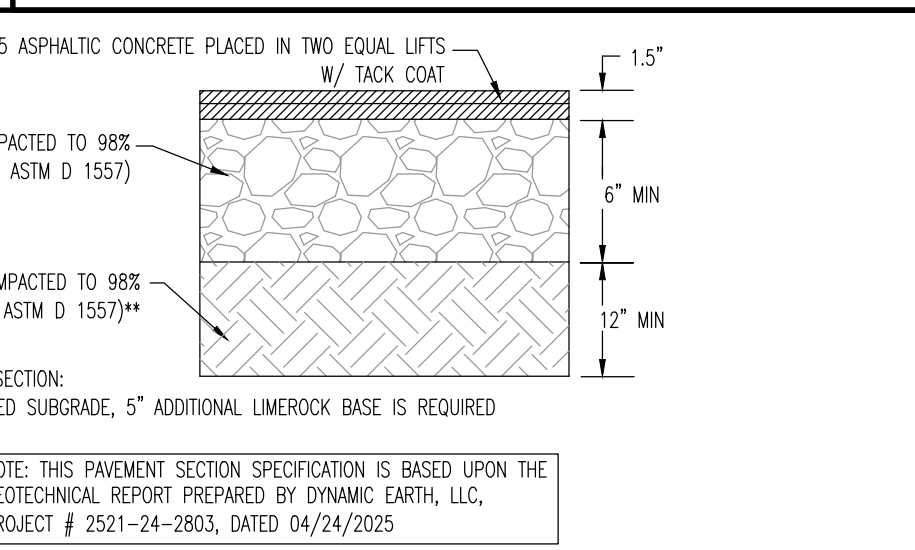
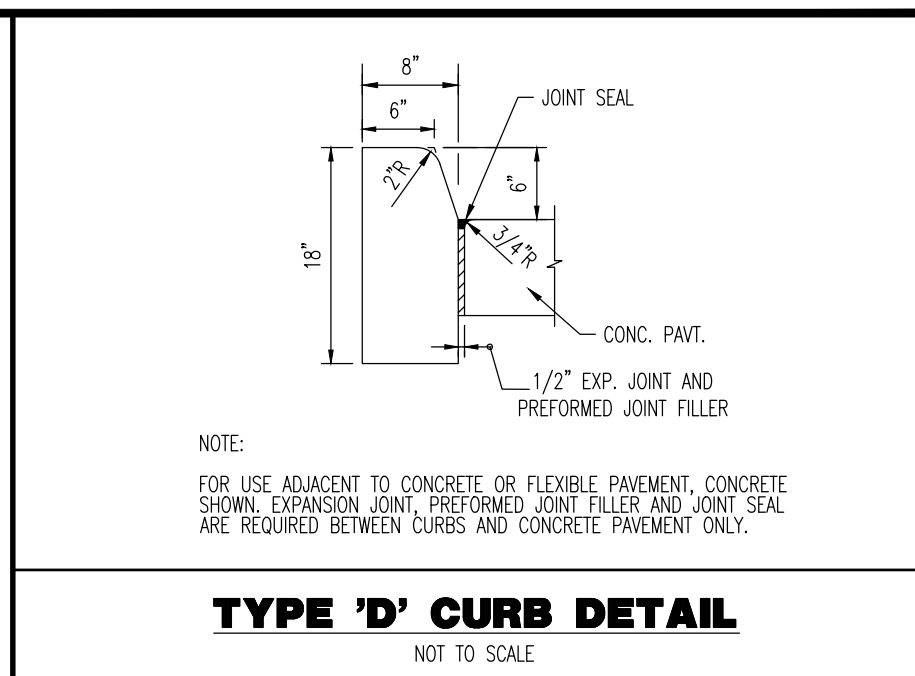
PROJECT No: 2521-24-02799

SHEET No: **C3.01** Rev. #: **4**

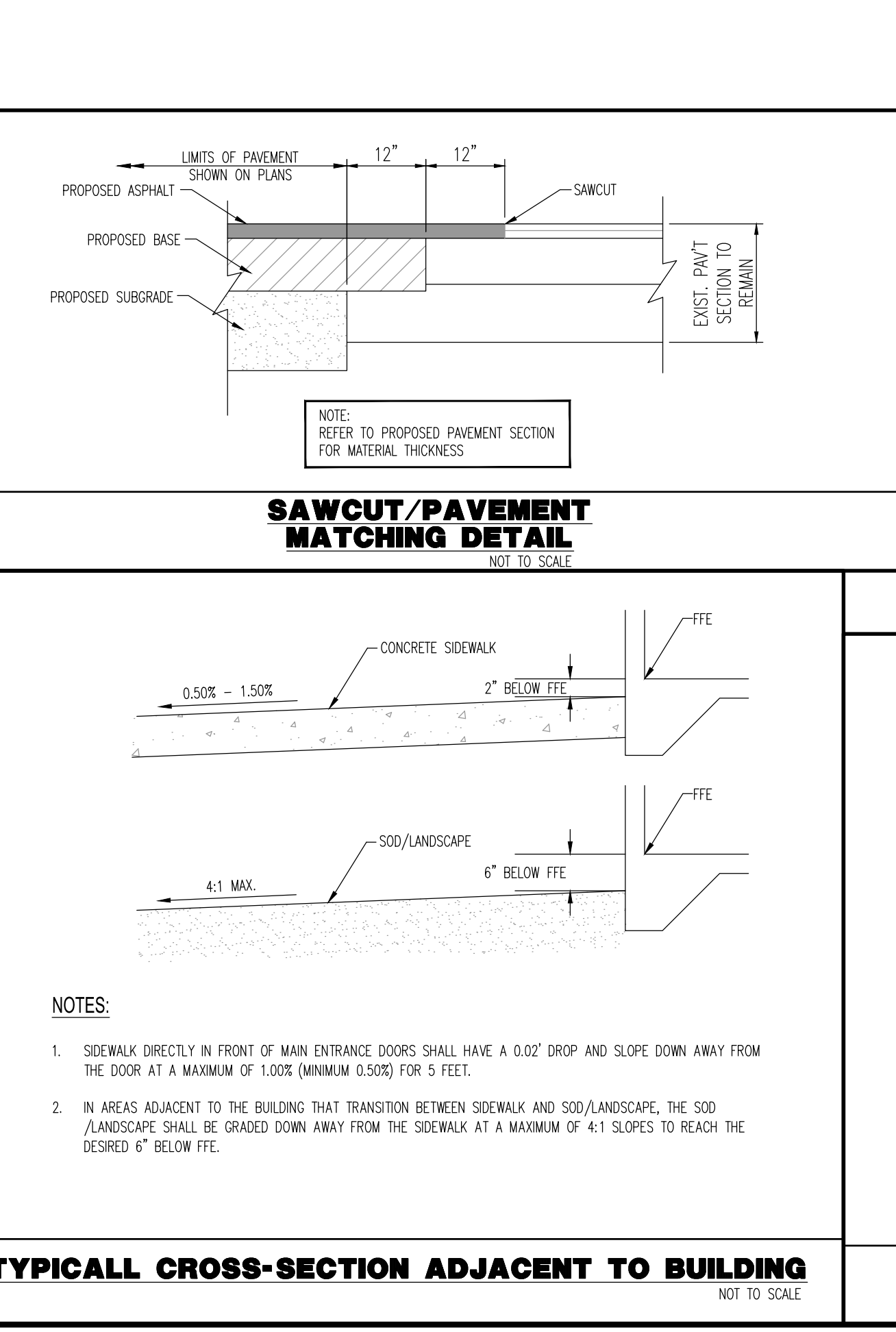
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LAST REVISION	DESCRIPTION	INDEX	SHEET
11/01/21		522-002	4 of 7



WALL DEPTH	SCHEDULE	AREA (IN <sup>2</sup> /FT.)	MAX. SPACING	
			BAR	WWR
0' - 5'	A12	0.20	12"	8"
0' - 7.5'	A6	0.20	6"	5"
7.5' - 10'	B5.5	0.24	5 1/2"	5"
10' - 15'	C6.5	0.37	6 1/2"	6"



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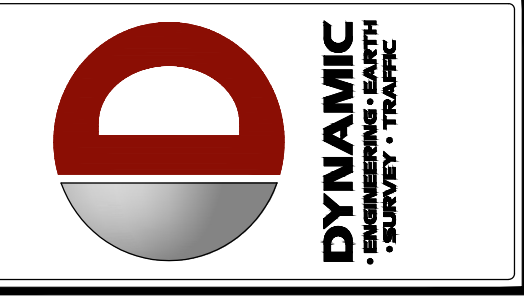
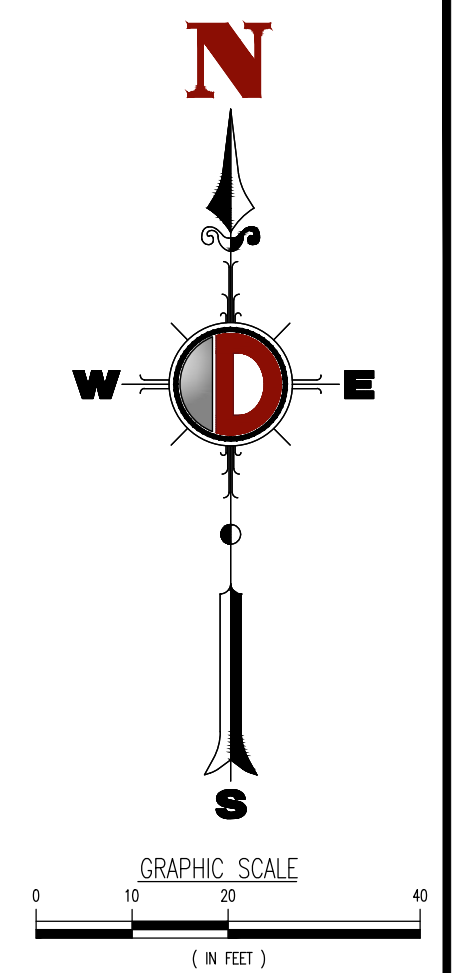
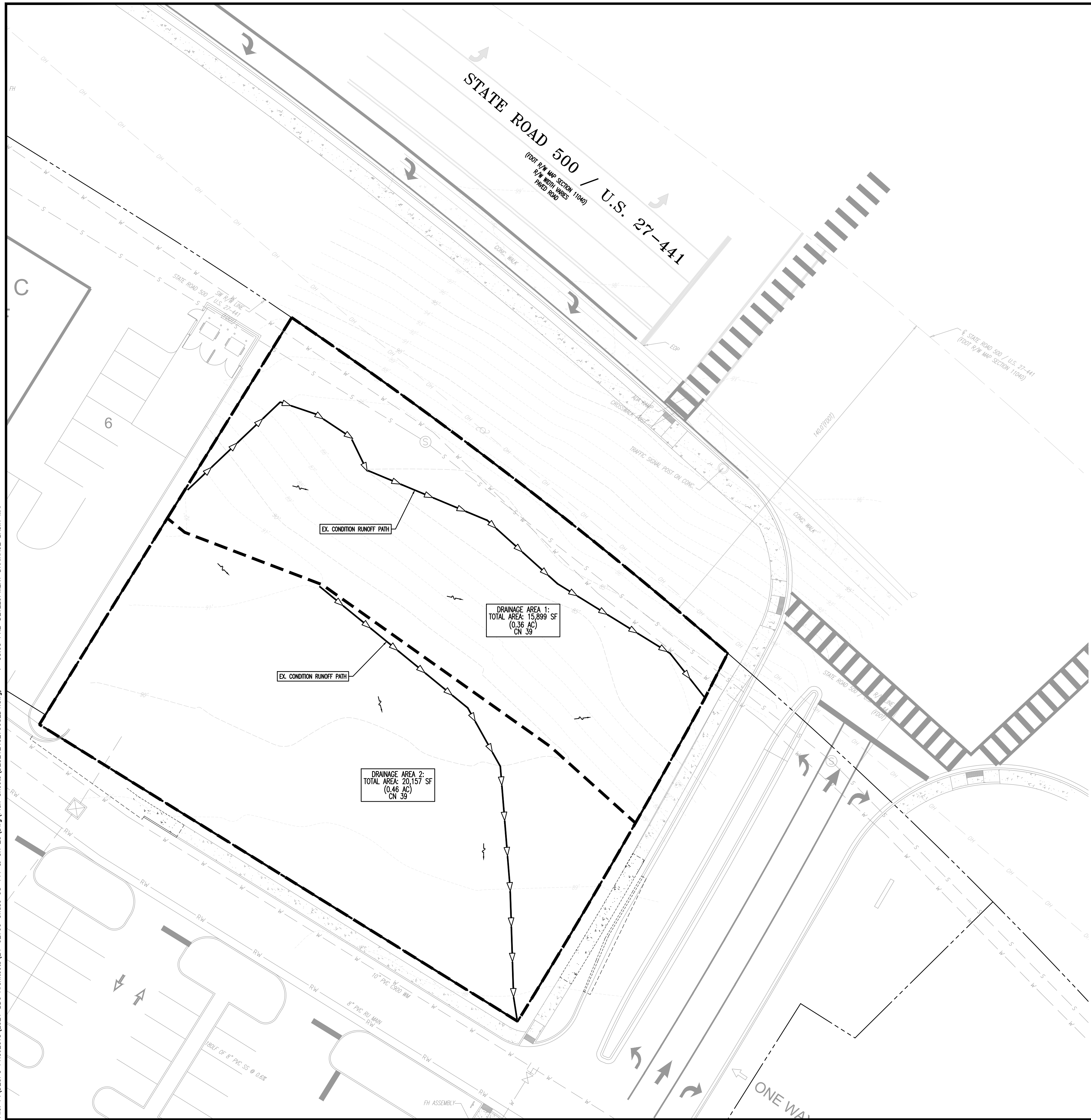
**TITLE: PAVING, GRADING & DRAINAGE DETAILS**

SCALE: (H) NOT TO SCALE (M) SCALE DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

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SHEET No: **C3.02** Rev. #: **4**

Plotted: 11/17/25 - 3:13 PM, By: deanderson, Product Ver: 25.0  
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REV.	DATE	BY	COMMENTS
4	11/17/25	REVISOR	REVISED PER MASTER INFRASTRUCTURE UPDATES
3	08/11/25	SRV	AGENCY COMMENTS
2	05/29/25	SRV	AGENCY COMMENTS
1	04/17/25	SRV	BOE REVIEW COMMENTS

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 CHECKED BY: MDM  
 DRAWN BY: SRV

PROJECT: **BDC ARCHITECTS, LLP**  
**PROPOSED CHASE BAMS**  
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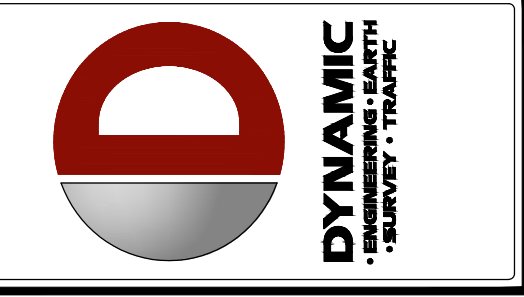
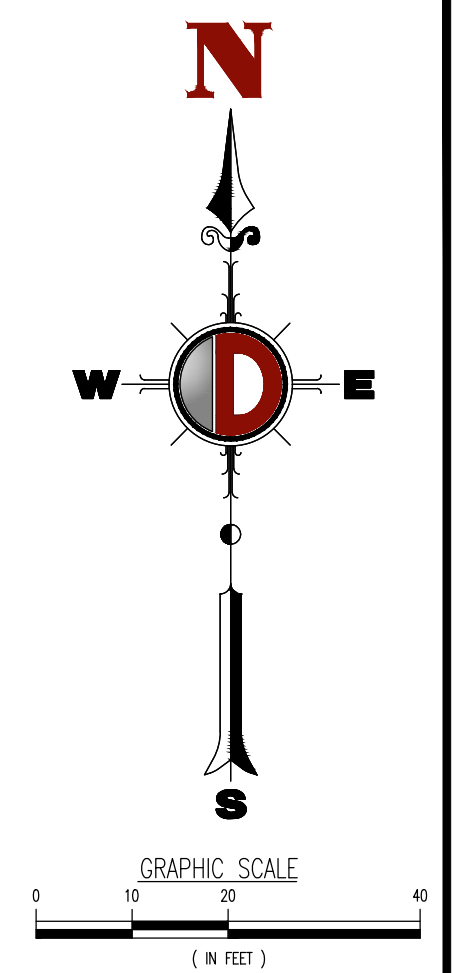
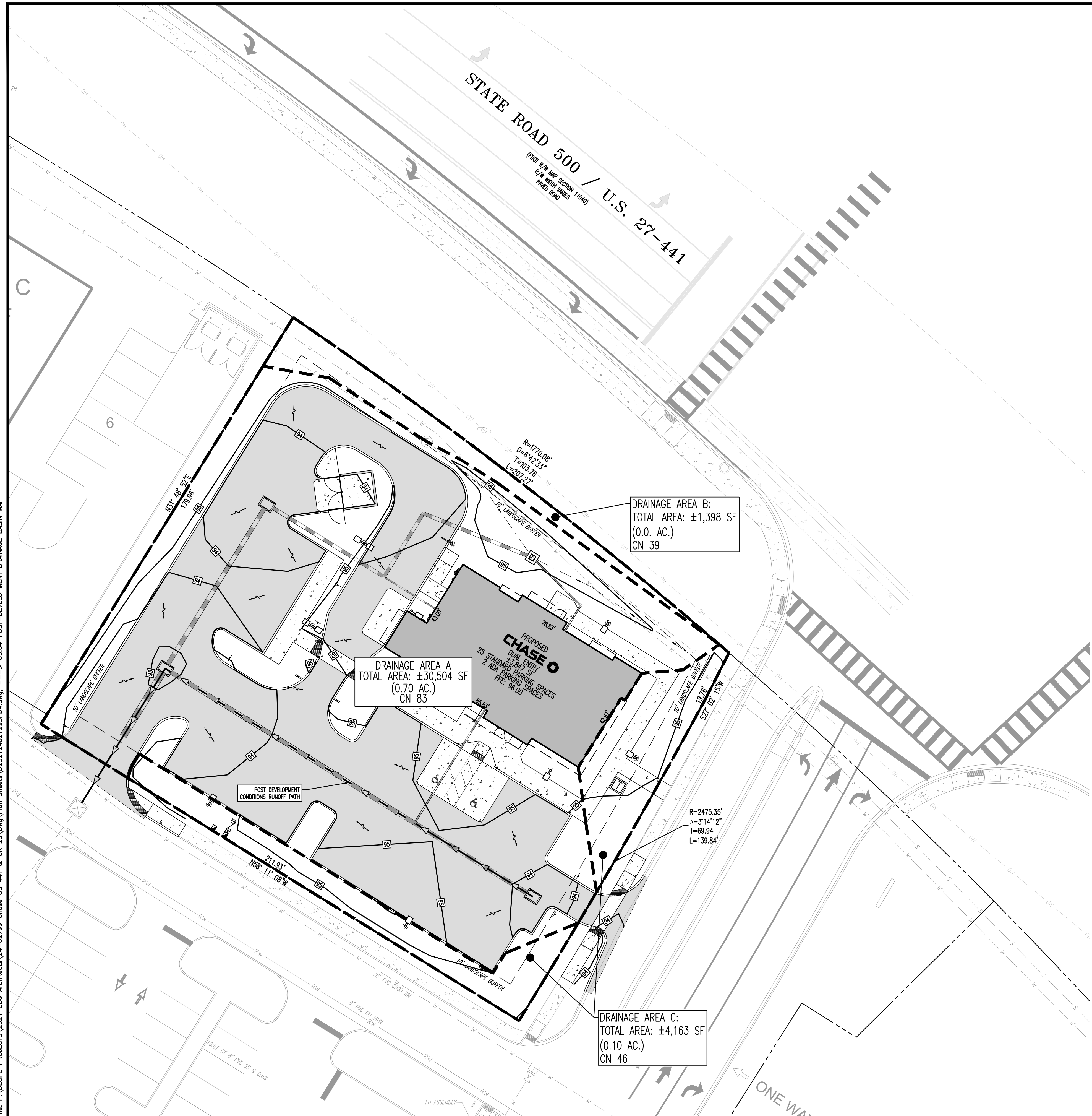
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TITLE:  
**PRE-DEVELOPMENT DRAINAGE BASIN MAP**

SCALE: (H) AS NOTED DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

SHEET No: **C3.03** Rev. #: **4**

Plotted: 11/17/25 - 3:13 PM, By: dsanderson, Product Ver: 25.0  
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REV.	DATE	BY	COMMENTS
4	11/17/25	REVISOR	REVISED PER MASTER INFRASTRUCTURE UPDATES
3	08/11/25	SRM	AGENCY COMMENTS
2	05/09/25	SRM	AGENCY COMMENTS
1	04/17/25	BOE	BOE REVIEW COMMENTS

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 CHECKED BY: MDM  
 DRAWN BY: SRM

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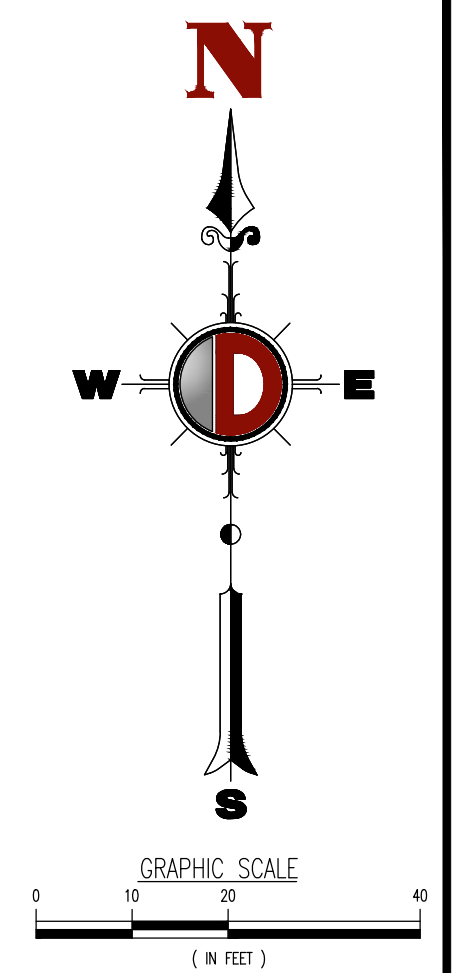
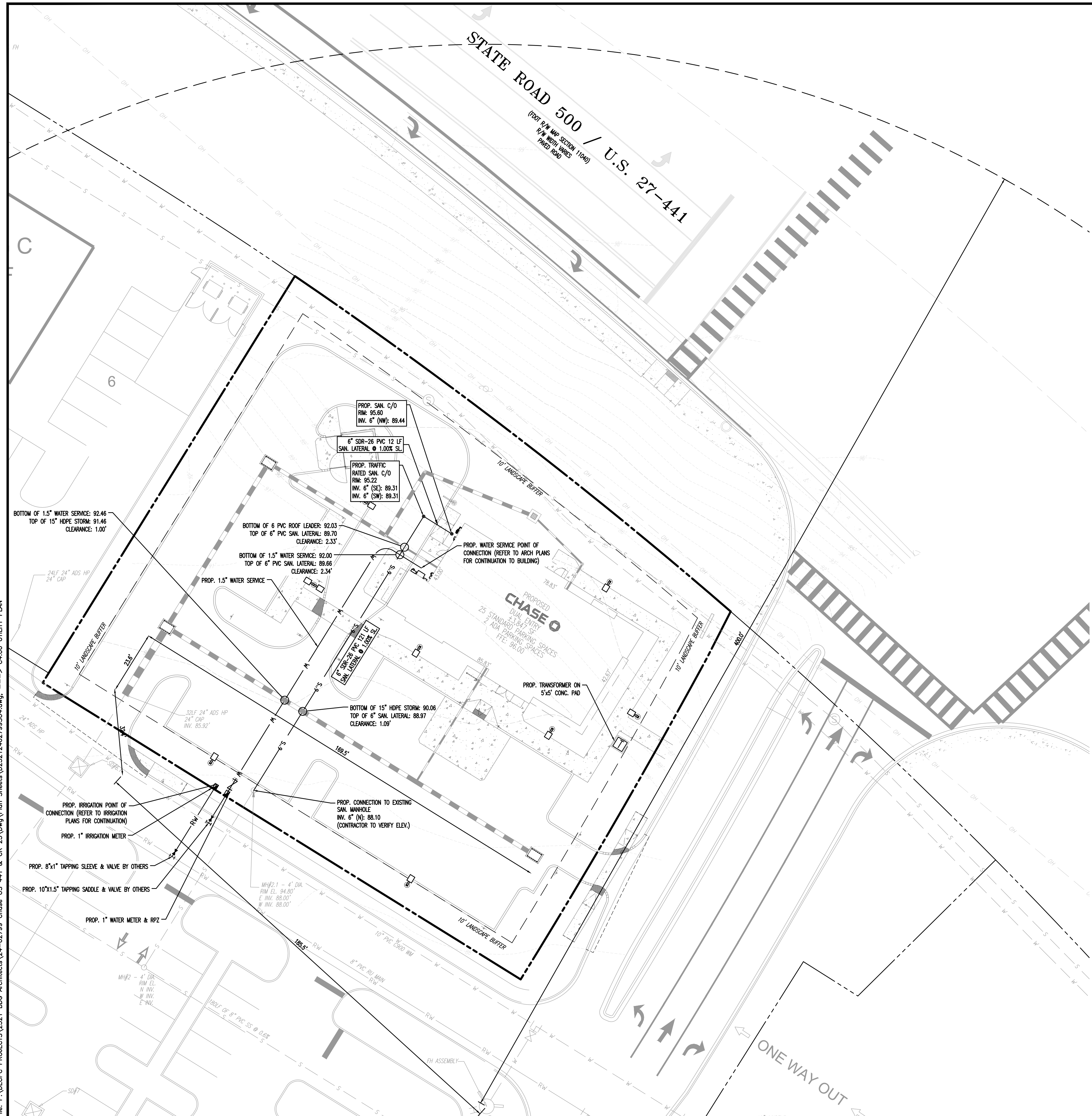
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 SUNSHINE811: (800) 432-4770

TITLE:  
**POST-DEVELOPMENT DRAINAGE BASIN MAP**

SCALE: (H) AS NOTED DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

SHEET No: **C3.04** Rev. #: 4

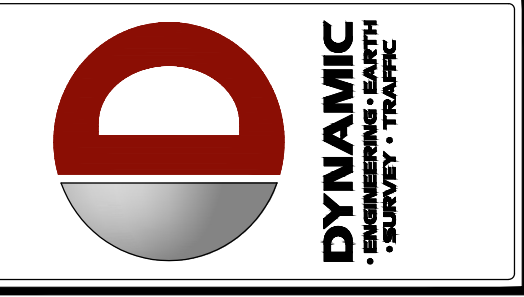
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 File: F:\DEGPC PROJECTS\2521 BDC Architects\24-02799 Chase US 441 & CR 25\DWG\Plan Sheets\D25212402799SU4.dwg, ---> C4.00 UTILITY PLAN



FIRE FLOW REQUIREMENTS PER NFPA-1 CH.18.4.5.2.1	
CONSTRUCTION TYPES	V-B(V0000)
REQUIRED FLOW FOR AN 3,847 SF UNSPRINKLERED BUILDING	1,500 GPM
REQUIRED DURATION	2 HOURS

**UTILITY NOTES**

- CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION PIPE MATERIALS WHEN REQUIRED AND TO CONNECT TO BUILDING PLUMBING.
- ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS SHALL CONFORM TO THE TOWN OF LADY LAKE STANDARD DETAILS.
- NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER, OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE TOWN OF LADY LAKE ENGINEER.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10- FEET FROM ANY EXISTING OR PROPOSED WATER, SEWER, OR DRAINAGE FACILITIES, UNLESS APPROVED BY THE TOWN OF LADY LAKE ENGINEER.
- ALL WATER MAIN (WM) SHALL BE PVC C-900 DR-18 UNLESS OTHERWISE NOTED.
- ALL WATER MAIN SHALL HAVE A MINIMUM 36\"/>



REV.	DATE	BY	COMMENTS
1	04/17/25	BOE	REVIEW COMMENTS
2	05/09/25	SRM	AGENCY COMMENTS
3	08/11/25	SRM	AGENCY COMMENTS
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES	

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PROJECT: **BDC ARCHITECTS, LLP**  
**PROPOSED CHASE BAWMS**  
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DESIGNED BY: JCP  
 CHECKED BY: MDM  
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TITLE:  
**UTILITY PLAN**

SCALE: (H) AS NOTED (V) NOTED DATE: 02/12/2025  
 PROJECT No: 2521-24-02799

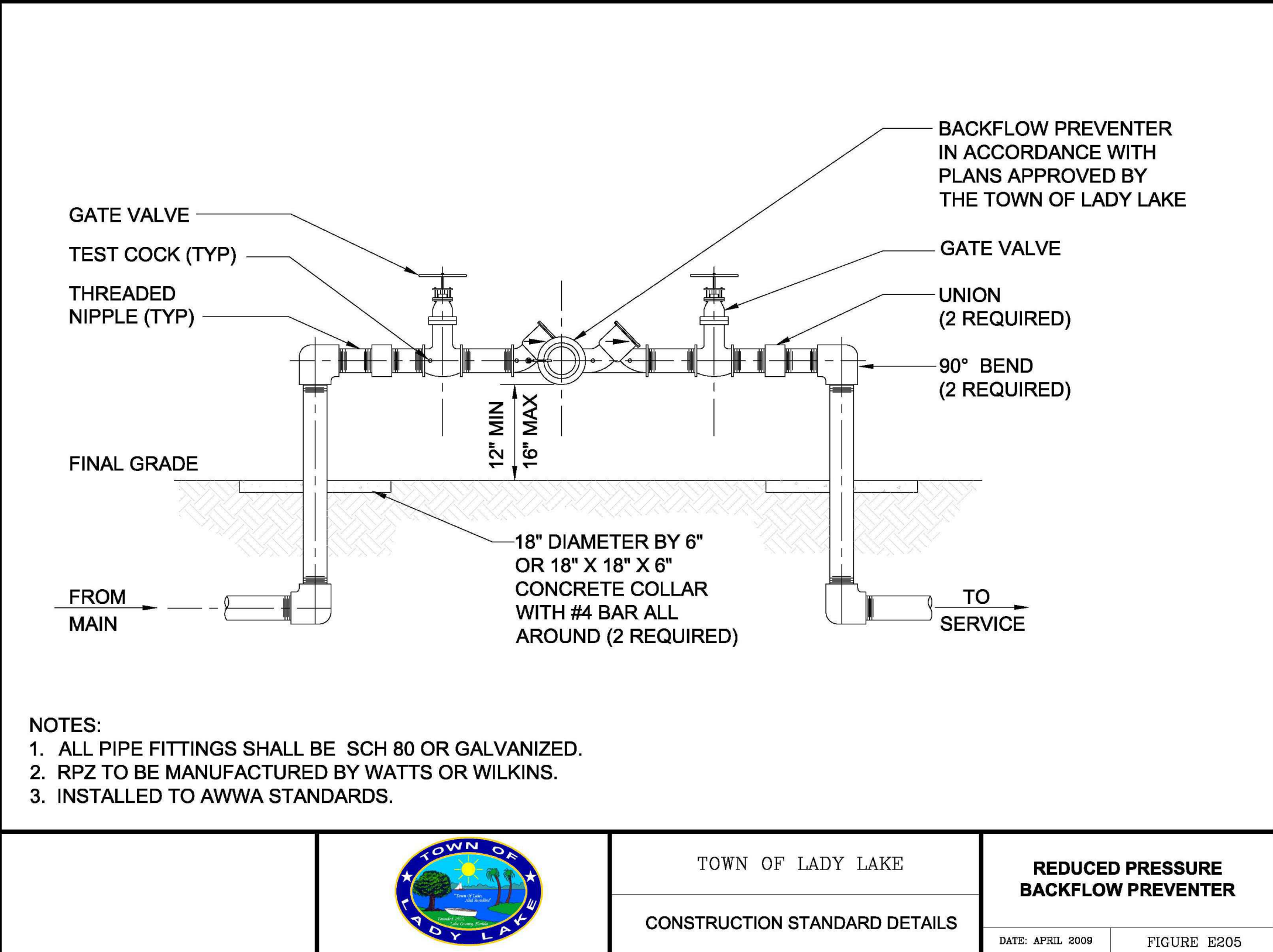
SHEET No: **C4.00** Rev. #: **4**

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)			
Vacuum Sanitary Sewer			
Gravity or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)			
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

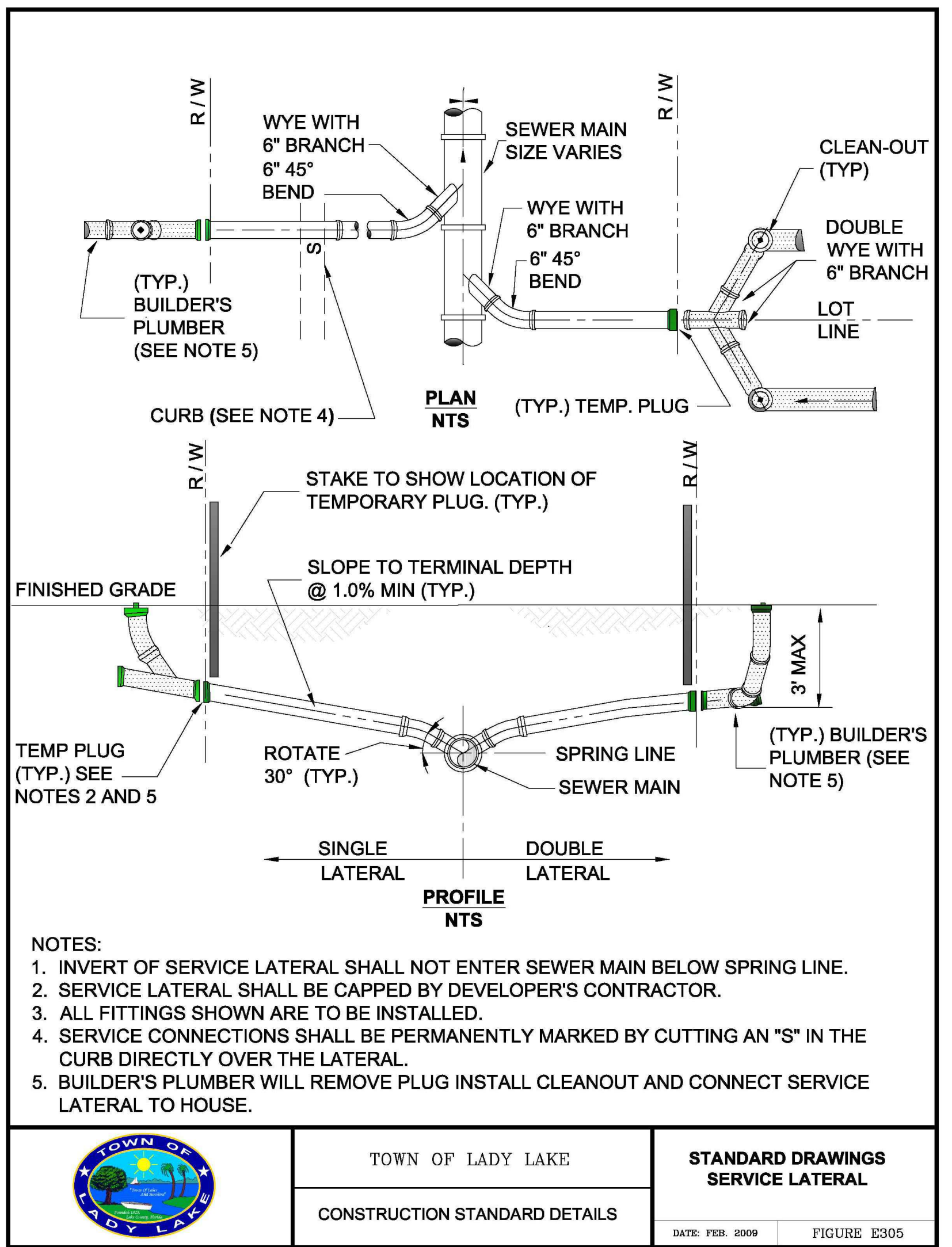
(1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.  
(2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.  
(3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.  
(4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.

Disclaimer - This document is provided for your convenience only. Please refer to F.A.C. Rule 62-555.314 for additional construction requirements.

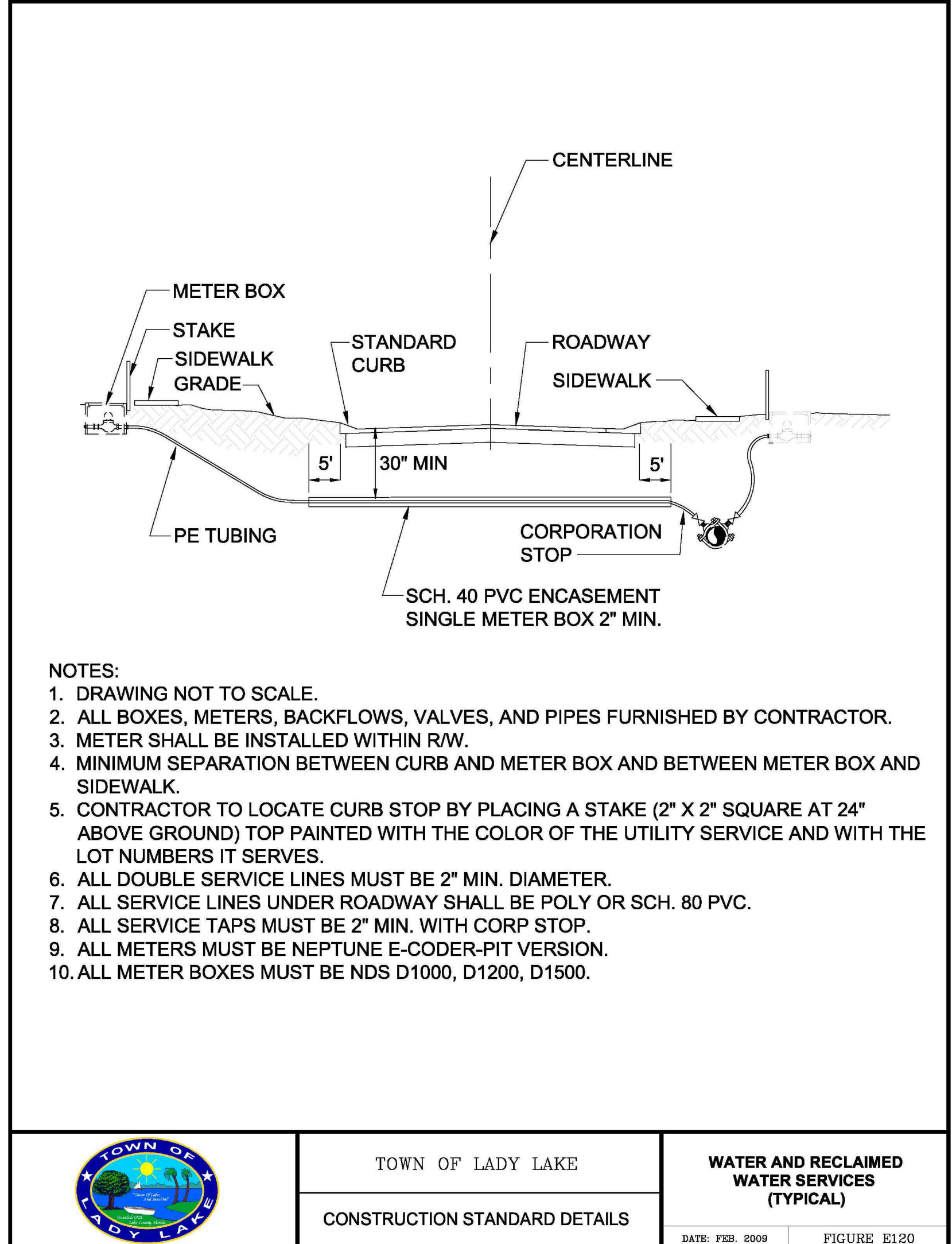
	TOWN OF LADY LAKE	LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314
	CONSTRUCTION STANDARD DETAILS	DATE: APRIL 2009 FIGURE E116



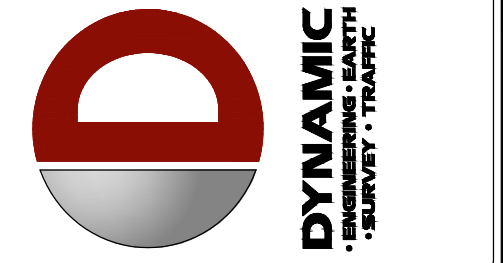
	TOWN OF LADY LAKE	REDUCED PRESSURE BACKFLOW PREVENTER
	CONSTRUCTION STANDARD DETAILS	DATE: APRIL 2009 FIGURE E205



	TOWN OF LADY LAKE	STANDARD DRAWINGS SERVICE LATERAL
	CONSTRUCTION STANDARD DETAILS	DATE: FEB. 2009 FIGURE E305



	TOWN OF LADY LAKE	WATER AND RECLAIMED WATER SERVICES (TYPICAL)
	CONSTRUCTION STANDARD DETAILS	DATE: FEB. 2009 FIGURE E120



REV.	DATE	COMMENTS	BY
4	11/17/25	REVISED PER MASTER INFRASTRUCTURE UPDATES	DSE
3	08/11/25	AGENCY COMMENTS	SRM
2	05/09/25	AGENCY COMMENTS	SRM
1	04/17/25	BOE REVIEW COMMENTS	SRM

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TITLE: **UTILITY DETAILS**

SCALE: (H) NOT TO SCALE (M) SCALE DATE: 02/12/2025

PROJECT No: 2521-24-02799

SHEET No: **C4.01** Rev. #: **4**

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