

GENERAL NOTES:

- 1. CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING, SIDEWALKS, PAVEMENTS, CURBS, AND SOD NOT SPECIFIED FOR REMOVAL IN THESE PLANS. ANY DAMAGE TO THE EXISTING IMPROVEMENTS SHALL BE RESTORED BY THE CONTRACTOR AT NO COST TO THE OWNER. UNLESS OTHERWISE SPECIFIED HEREIN.
- 2. UNLESS OTHERWISE SPECIFIED, ALL WORK SHALL BE PERFORMED CONSISTENT WITH THE FOLLOWING SPECIFICATIONS: OKALOOSA COUNTY, FDOT, NWFWM, AND FDEP.
THIS DESIGN HAS BEEN BASED UPON FIELD SURVEY BY NOBLES CONSULTING GROUP, PROJECT NO. D1618.100, DATE: JULY 28TH, 2017
AVCON INC. MAKES NO ASSURANCES REGARDING THE ACCURACY OF SUCH SURVEY.
- 3. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE, INCLUDING ALL SURFACE AND SUB-SURFACE CONDITIONS, THE WORK REQUIRED AND ALL OTHER CONDITIONS THAT MAY AFFECT THE SUCCESSFUL COMPLETION OF THE JOB PRIOR TO COMMENCEMENT OF WORK.
- 4. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND PERMIT CONDITIONS BEARING ON THE CONDUCT OF THE WORK, AS DRAWN AND SPECIFIED. IF THE CONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT VARIANCE THEREWITH, HE SHALL PROMPTLY NOTIFY THE ENGINEER, IN WRITING, AND ANY NECESSARY CHANGES SHALL BE ADJUSTED, AS PROVIDED IN THE AGREEMENT FOR CHANGES IN THE WORK.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER AND THE ENGINEER FOR THE ACTS AND OMISSIONS OF CONTRACTOR'S EMPLOYEES AND ALL HIS SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH GOVERNMENTAL DEPARTMENTS, PUBLIC UTILITIES, PUBLIC CARRIERS, SERVICE COMPANIES, AND CORPORATIONS OWNING OR CONTROLLING ROADWAYS, RAILWAYS, WATER, SEWER, GAS, ELECTRICAL, TELEPHONE, AND TELEGRAPH FACILITIES SUCH AS PAVEMENTS, TRACKS, PIPING, WIRES, CABLES, CONDUITS, POLES, GUYS, OR OTHER SIMILAR FACILITIES, INCLUDING INCIDENTAL STRUCTURES CONNECTED THEREWITH THAT ARE ENCOUNTERED IN THE WORK IN ORDER THAT SUCH ITEMS MAY BE PROPERLY SUPPORTED, PROTECTED OR LOCATED.
- 7. UNLESS OTHERWISE SPECIFIED IN THE GENERAL CONDITIONS, ALL CONSTRUCTION IS TO BE GOVERNED BY THE PLANS, APPLICABLE PERMITS, AND SPECIFICATIONS HEREIN, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING AND SAFETY CODES, LAWS AND ORDINANCES.
- 8. PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC RIGHT-OF-WAY, CONTRACTOR SHALL DEVELOP AND IMPLEMENT A TRAFFIC CONTROL PLAN CONSISTENT WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
- 9. IN THE EVENT THE CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS HE SHALL IMMEDIATELY NOTIFY THE OWNER OR OWNER'S AGENT.
- 10. CONTRACTOR SHALL PRESERVE AND PROTECT ALL PERMANENT REFERENCE MONUMENTS, PERMANENT CONTROL POINTS, PERMANENT BENCH MARKS AND PROPERTY CORNERS. IN THE EVENT THE MONUMENTS, POINTS OR MARKERS ARE DISTURBED THE CONTRACTOR SHALL EMPLOY A FLORIDA REGISTERED LAND SURVEYOR TO RESET OR REPLACE THEM.
- 11. THE OWNER, OWNER'S AGENT AND INSPECTORS OF APPLICABLE GOVERNMENT JURISDICTIONS, SHALL AT ALL TIMES HAVE ACCESS TO THE WORK WHEREVER AND WHENEVER IT IS IN PREPARATION OR PROGRESS; AND THE CONTRACTOR SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND FOR THE INSPECTION.
- 12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL REASONABLE AND PRUDENT PRECAUTIONS TO ENSURE THAT ALL COMPLETED WORK, MATERIALS AND EQUIPMENT STORED ON SITE ARE SAFE AND SECURED FROM UNAUTHORIZED ACCESS OR USE. SUCH PRECAUTIONS MAY INCLUDE INSTALLATION OF SIGNS, FENCES, OR POSTING OF SECURITY GUARDS.
- 13. CONTRACTOR SHALL, AT ALL TIMES, UTILIZE ALL NORMALLY ACCEPTED AND REASONABLY EXPECTED SAFETY PRACTICES AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND GUIDELINES PERTAINING TO SAFE UTILIZATION OF EQUIPMENT OR MATERIALS AS PUBLISHED BY MANUFACTURER.
- 14. PRIOR TO INITIATING ANY EXCAVATION (INCLUDING BUT NOT LIMITED TO TUNNELS, DITCHES, STORMWATER PONDS, CANALS, ARTIFICIAL LAKES) CONTRACTOR SHALL INSTALL FENCES AND TAKE ALL OTHER REASONABLE AND PRUDENT STEPS TO ENSURE THAT ACCESS TO EXCAVATION BY UNAUTHORIZED PERSONNEL IS PREVENTED.
- 15. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO:
 - A. ALL EMPLOYEES ON THE WORK AND ALL OTHER PERSONS WHO MAY BE AFFECTED THEREBY;
 - B. ALL THE WORK AND ALL MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF THE SITE, UNDER THE CARE, CUSTODY OR CONTROL OF THE CONTRACTOR OR ANY OF ITS SUBCONTRACTORS; AND
 - C. OTHER PROPERTY AT THE SITE OR ADJACENT THERETO, INCLUDING TREES, SHRUBS, LAWNS, WALKS, PAVEMENTS, ROADWAY, STRUCTURES AND UTILITIES NOT DESIGNATED FOR DEMOLITION IN THE COURSE OF CONSTRUCTION.
 - D. CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS ON PUBLIC ROADS AT ALL TIMES.
- 16. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY CODES AND WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC, QUASI PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR FOR THEIR PROTECTION AGAINST DAMAGE, INJURY OR LOSS, OR DESIGNED TO PROTECT THE ENVIRONMENT. THE CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES OF THE EXISTENCE OF HAZARDS AND OF THE SAFETY REGULATIONS.
- 17. ALL DAMAGE OR LOSS TO ANY PROPERTY REFERRED TO IN CLAUSES 16.1(B) AND 16.1(C) CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR, A SUBCONTRACTOR, OR BY ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, SHALL BE REMEDIED BY THE CONTRACTOR, EXCEPT DAMAGE OR LOSS PROPERLY ATTRIBUTABLE SOLELY TO THE ACTS OR OMISSIONS OF THE OWNER, OR THE ENGINEER OR ANYONE EMPLOYED BY THEM, OR FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, AND NOT PROPERLY ATTRIBUTABLE IN WHOLE OR IN PART, TO THE FAULT OR NEGLIGENCE OF THE CONTRACTOR.
- 18. UNTIL FINAL ACCEPTANCE OF THE WORK BY OWNER, THE CONTRACTOR SHALL HAVE THE CHARGE AND CARE OF AND SHALL BEAR THE RISK OF INJURY OR DAMAGE, LOSS OR EXPENSE TO ANY PART THEREOF, OR TO ANY MATERIALS STORED ON SITE, BY THE ACTION OF THE ELEMENTS OR FROM ANY OTHER CAUSE WHETHER ARISING FROM THE EXECUTION OR NON-EXECUTION OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD ALL INJURIES OR DAMAGES TO ANY PORTION OF THE WORK OCCASIONED BY ANY OF THE ABOVE CAUSES BEFORE FINAL ACCEPTANCE AND SHALL BEAR THE EXPENSES THEREOF.
- 19. THOSE PARTS OF WORK IN PLACE WHICH ARE SUBJECT TO DAMAGE BECAUSE OF OPERATIONS BEING CARRIED ON ADJACENT THERETO SHALL BE COVERED, BOARDED UP OR SUBSTANTIALLY ENCLOSED WITH ADEQUATE PROTECTION BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 20. PERMANENT OPENINGS USED AS THOROUGHFARES FOR THE INTRODUCTION OF WORK AND MATERIALS TO THE STRUCTURE SHALL HAVE HEADS, JAMBS AND SILLS WELL BLOCKED AND BOARDED BY THE CONTRACTOR. OWNER RETAINS THE AUTHORITY, BUT ASSUMES NO DUTY, TO ESTABLISH STANDARDS OF PROTECTION, AND TO REVIEW THE EFFICIENCY OF PROTECTIVE MEASURES TAKEN BY THE CONTRACTOR.
- 21. ADEQUATE TRAFFIC CONTROL, BARRICADES AND FLAGMAN SERVICES SHALL BE FURNISHED AND MAINTAINED BY THE CONTRACTOR AT ALL POINTS WHERE CONVEYING EQUIPMENT ENGAGED ON THE WORK REGULARLY ENTERS ONTO OR CROSSES TRAFFIC-CARRYING ROADS.

- 22. THE CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE FEDERAL OCCUPATIONAL HEALTH AND SAFETY ACT OF 1970 AND ALL RULES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER SAID ACT, AND THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY AND ALL APPLICABLE STATE LAWS AND REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH.
- 23. THE CONTRACTOR SHALL PROTECT AND KEEP OWNER (INCLUDING THEIR AGENTS AND EMPLOYEES) FREE AND HARMLESS FROM ANY AND ALL LIABILITY, PUBLIC OR PRIVATE, PENALTIES, CONTRACTUAL OR OTHERWISE, LOSSES, DAMAGES, COSTS, ATTORNEY'S FEES, EXPENSES, CAUSES OF ACTION, CLAIMS OR JUDGMENTS RESULTING FROM THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AS AMENDED OR ANY RULE OR REGULATION PROMULGATED THEREUNDER OR OF ANY STATE LAWS OR REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF WORK OR WORK TO BE PERFORMED UNDER THIS CONTRACT, AND CONTRACTOR SHALL INDEMNIFY OWNER FROM ANY SUCH CLAIMS, PENALTIES, SUITS OR ACTIONS, PUBLIC OR PRIVATE, ADMINISTRATIVE OR JUDICIAL, INCLUDING ATTORNEY'S FEES PAID OR INCURRED BY OR ON BEHALF OF OWNER, JOINTLY OR SEVERALLY, AND/OR THEIR AGENTS AND EMPLOYEES. THE CONTRACTOR FURTHER AGREES, IN THE EVENT OF A CLAIMED VIOLATION OF ANY FEDERAL OR STATE SAFETY AND HEALTH LAW OR REGULATION ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF WORK OR WORK TO BE PERFORMED UNDER THIS CONTRACT, OWNER MAY IMMEDIATELY TAKE WHATEVER ACTION IS DEEMED NECESSARY BY OWNER TO REMEDY THE CLAIMED VIOLATION. ANY AND ALL COSTS OR EXPENSES PAID OR INCURRED BY OWNER IN TAKING SUCH ACTION SHALL BE BORNE BY CONTRACTOR, AND CONTRACTOR AGREES TO PROTECT, HOLD HARMLESS AND INDEMNIFY OWNER AGAINST ANY AND ALL SUCH COSTS OR EXPENSES.
- 24. ALL WORK PERFORMED UNDER THE CONTRACT, AND ALL EQUIPMENT, APPLIANCES, TOOLS AND LIKE ITEMS USED IN THE WORK SHALL CONFORM TO APPLICABLE SAFETY CODES AND REGULATIONS OF ANY PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION. IN THE EVENT OF CONFLICTING REQUIREMENTS, THE MORE STRINGENT INTERPRETATION OR REGULATION SHALL GOVERN.
- 25. THE CONTRACTOR SHALL IMPLEMENT THE PROPOSED EROSION CONTROL PLAN TO MINIMIZE EROSION AND ENSURE FUNCTIONING OF STORMWATER MANAGEMENT SYSTEM DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION CONTRACTOR SHALL PROVIDE AS-BUILTS ENSURING THE STORMWATER MANAGEMENT SYSTEM IS OPERATING AS DESIGNED.
- 26. CONTRACTOR AND ITS SUBCONTRACTORS SHALL USE, HANDLE, TRANSPORT, AND DISPOSE OF ALL HAZARDOUS MATERIALS (AS DEFINED PARAGRAPH 20.8) IN COMPLIANCE WITH ALL PRESENT FEDERAL, STATE AND LOCAL ENVIRONMENTAL, HEALTH OR SAFETY LAW, INCLUDING, BUT NOT LIMITED TO, ALL SUCH STATUTES, REGULATIONS, RULES, ORDINANCES, CODES, AND RULES OF COMMON LAW.
- 27. CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE DISCHARGE, RELEASE OR DISPOSAL OF ANY HAZARDOUS MATERIAL CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH SPILL ON PERSONS OR PROPERTY.
- 28. CONTRACTOR AND ITS SUBCONTRACTORS SHALL, UPON COMPLETION OF PERFORMANCE OF ALL DUTIES UNDER THIS CONTRACT, REMOVE ALL SUPPLIES, MATERIALS, AND WASTE CONTAINING AND HAZARDOUS MATERIAL FROM THE JOB SITE. CONTRACTOR SHALL BEAR FULL FINANCIAL RESPONSIBILITY, AS BETWEEN THE PARTIES OF THIS CONTRACT, FOR THE COMPLIANCE OF CONTRACTOR AND ITS SUBCONTRACTORS WITH THE PROVISIONS OF THIS PARAGRAPH 28.7.
- 29. CONTRACTOR AGREES TO INDEMNIFY, DEFEND, PROTECT AND HOLD THE OWNER HARMLESS FROM AND AGAINST ANY CLAIMS INCLUDING, WITHOUT LIMITATION, ACTUAL ATTORNEY'S FEES AND ANY COSTS OF INVESTIGATION, SOILS TESTING, GOVERNMENTAL APPROVALS, REMEDIATION AND CLEAN-UP ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE FAILURE OF CONTRACTOR OR ITS SUBCONTRACTORS, OR THEIR AGENTS, EMPLOYEES, OFFICERS, OR REPRESENTATIVES, TO COMPLY WITH THE TERMS OF THIS SECTION.
- 30. SHOULD CONTRACTOR OR ITS SUBCONTRACTORS DISCHARGE, RELEASE OR DISPOSE OF ANY HAZARDOUS MATERIAL ON OR ABOUT THE JOB SITE IN VIOLATION OF THIS PARAGRAPH, CONTRACTOR SHALL IMMEDIATELY SO INFORM OWNER IN WRITING. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH SPILL ON PERSONS OR PROPERTY.
- 31. IN THE EVENT CONTRACTOR OR ITS SUBCONTRACTORS ENCOUNTER ON THE PREMISES ANY PIPELINE, UNDERGROUND STORAGE TANK OR OTHER CONTAINER, OF ANY KIND, THAT MAY CONTAIN A HAZARDOUS MATERIAL, OR ENCOUNTER MATERIAL REASONABLY BELIEVED TO BE A HAZARDOUS MATERIAL, CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO OWNER IN WRITING.
- 32. IF CONTRACTOR OR ITS SUBCONTRACTORS DO NOT COMPLY WITH THE HAZARDOUS MATERIAL REQUIREMENTS, OWNER MAY, BUT IS NOT OBLIGATED TO, GIVE WRITTEN NOTICE OF VIOLATION TO CONTRACTOR. SHOULD CONTRACTOR OR ITS SUBCONTRACTORS FAIL TO COMPLY WITH THE REQUIREMENTS OF THIS PARAGRAPH WITHIN TWENTY-FOUR (24) HOURS FROM THE TIME OWNER ISSUES SUCH WRITTEN NOTICE OF NONCOMPLIANCE OR WITHIN THE TIME OF AN ABATEMENT PERIOD SPECIFIED BY ANY GOVERNMENTAL AGENCY, WHICHEVER PERIOD IS SHORTER, CONTRACTOR SHALL BE IN MATERIAL DEFAULT OF THIS CONTRACT.
- 33. "HAZARDOUS MATERIAL" MEANS ANY SUBSTANCE:
 - A. THE PRESENCE OF WHICH REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, ORDINANCE, RULE, CODE, ORDER, ACTION, POLICY OR COMMON LAW, OR
 - B. WHICH IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE," "HAZARDOUS SUBSTANCE," POLLUTANT OR CONTAMINANT UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, RULE OR ORDINANCE OR AMENDMENTS THERETO INCLUDING, WITHOUT LIMITATION, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (42 U.S.C. SECTIONS 9601 ET SEQ.) AND/OR THE RESOURCE CONSERVATION AND RECOVERY ACT (42 U.S.C. SECTIONS 6901 ET SEQ.), OR
 - C. WHICH IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC, OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD, AGENCY OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE IN WHICH THE PREMISES ARE LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR
 - D. THE PRESENCE OF WHICH ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR
 - E. WHICH CONTAINS GASOLINE, DIESEL FUEL OR OTHER PETROLEUM HYDROCARBONS, OR
 - F. WHICH CONTAINS POLYCHLORINATED BIPHENYL (PCBS), ASBESTOS, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.
- 34. THE EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AS TO SIZE, LOCATION, AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
- 35. IF ANY TESTING, INSPECTION OR APPROVAL REVEAL DEFECTIVE WORK, CONTRACTOR SHALL NOT BE ALLOWED TO RECEIVE ANY ASSOCIATED COSTS AND THE OWNER SHALL BE ENTITLED TO DEDUCT FROM THE CONTRACT PRICE, BY ISSUING A CHANGE ORDER, OWNER'S COSTS ARISING OUT OF THE DEFECTIVE WORK, INCLUDING COSTS OF REPEATED PROCEDURES, COMPENSATION FOR ENGINEER'S AND DESIGN ENGINEER'S SERVICES AND OTHER RELATED COSTS.

SITE & UTILITY NOTES:

- 1. ALL WORK DETAILED IN CONSTRUCTION DRAWINGS SHALL CONFORM TO FDOT STD. INDEXES AND SPECIFICATIONS, LATEST EDITION.
- 2. CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS AT ALL TIMES ALONG ALL PUBLIC RIGHT-OF-WAYS.
- 3. ALL PAVEMENT MARKINGS SHALL CONFORM TO FDOT STD. INDEXES 17346.
- 4. ALL SIGNS AND PLACEMENTS OF SIGNS SHALL CONFORM TO FDOT STD. INDEXES 11860 AND 17302.
- 5. REFER TO STD. INDEXES 600 AND 613 FOR PLACEMENT OF TRAFFIC CONTROL DEVICES.
- 6. ALL DISTURBED AREAS SHALL BE SODDED WITHIN TWO WEEKS AFTER FINAL GRADING IS COMPLETED. PAYMENT FOR SOD SHALL BE UNDER PAY ITEM 981-1.
- 7. PAVEMENT SUBGRADE SHALL HAVE ALL UNSUITABLE MATERIALS REMOVED TO A DEPTH OF TWO FEET BELOW TOP OF SUBGRADE, AND 2.5 FEET BEYOND EDGE OF PAVEMENT OR BACK OF CURB. BACKFILL WITH SUITABLE MATERIAL. PAYMENT SHALL BE UNDER PAY ITEM 120-1.
- 8. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 160 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- 9. THE BASE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. ALLOWABLE BASE MATERIALS ARE INDICATED ON THE DRAWINGS.
- 10. ALL EXCAVATION AND EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 120 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- 11. WHERE DAMAGED OR REQUIRED TO BE CUT BY THE CONTRACTOR'S OPERATIONS, SIDEWALKS, DRIVEWAYS AND CURBING SHALL BE REPAIRED TO CONFORM TO THE EXISTING TYPE OF CONSTRUCTION IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- 12. CONTRACTOR TO RESTORE ALL DISTURBED TURF AREAS WITH NEW SOD.
- 13. PAVEMENT DAMAGED OUTSIDE LIMITS OF DEMOLITION SHOWN IN PLANS SHALL BE REPAIRED BY CONTRACTOR AT NO COST TO OWNER.
- 14. PROVIDE CONTRACTION JOINTS AT 10' O.C. AND EXPANSION JOINTS AT 50' O.C. ON ALL EXTERIOR SIDEWALKS AND CURBING.
- 15. RESTORE PAVEMENT MARKINGS TO ORIGINAL CONDITIONS.
- 16. ALL PERMANENT PAINT STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE THERMO-PLASTIC REFLECTIVE PAINT, AND BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THERMO-PLASTIC MARKINGS SHALL BE PAID FOR UNDER PAY ITEM 710-1.

NOTES

- 1. CONTRACTOR SHALL COORDINATE DRIVE CLOSURES WITH CITY AND OWNER TWO WEEKS PRIOR TO CLOSING DRIVES. CONTRACTOR SHALL MAINTAIN ACCESS/TEMPORARY ACCESS TO BUSINESSES AT ALL TIMES THROUGHOUT CONSTRUCTION
- 2. CONTRACTOR SHALL REMOVE AND REPLACE CURB AND PAVEMENT TO MATCH EXISTING CONDITIONS.
- 3. CONTRACTOR SHALL REPLACE ANY SIGNAGE THAT WAS REMOVED DURING CONSTRUCTION AND INSTALL TO MATCH EXISTING CONDITIONS. REPLACEMENT SHALL BE INCIDENTAL TO PAY ITEM 101-1.
- 4. CONTRACTOR SHALL REPLACE ANY PAVEMENT MARKINGS THAT WERE REMOVED DURING CONSTRUCTION AND INSTALL WITH THERMOPLASTIC PAINT PER F.D.O.T. STD. INDEX #17346 TO MATCH EXISTING CONDITIONS. MARKING SHALL BE PER PAY ITEM 710-1.
- 5. PARKING LOT GRADES PROVIDED ARE TO EDGE OF ASPHALT PAVING AND ARE BASED ON EXISTING ELEVATIONS.
- 6. CONTRACTOR SHALL BE REQUIRED TO DEWATER AS NECESSARY DURING INSTALLATION OF RCP. DEWATERING SHALL BE INCIDENTAL TO PAY ITEM 430-1.

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AVCON

TRANSFORMING TODAY'S IDEAS
INTO TOMORROW'S REALITY

CP		BY	
2/7/19			
APPENDIX NO. 1			REVISION
			NO. DATE

GENERAL NOTES

RELEASE FOR BID

**ANCHORS STREET
NORTHWEST
STORMWATER
IMPROVEMENTS**

PREPARED FOR
CITY OF FORT WALTON BEACH, FLORIDA

DESIGNED BY: TDN/CAP
DRAWN BY: CAP
CHECKED BY: VCL
APPROVED BY: VCL
PROJECT NO: 2017.238.01
DATE: FEBRUARY 1, 2019

SHEET NUMBER

G2

SURVEY NOTES AND INFORMATION:

EXISTING CONDITIONS SURVEY PERFORMED BY:
NOBLES CONSULTING GROUP, INC.

DATE: JULY 28TH, 2017

PROJECT #: D1618.100

CONTRACTOR RESPONSIBLE TO OBTAIN SIGNED AND SEALED SURVEY FROM OWNER AND VERIFY BENCHMARKS, CONTROL, AND CONSTRUCTION FIELD STAKES PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.

NOBLES CONSULTING GROUP, INC.

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LANDS SURVEYED

LANDS ADJACENT TO LOTS 11-17 OF SEA BREEZE SEVENTH ADDITION TO FORT WALTON BEACH, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 4, PAGE 59 OF THE PUBLIC RECORDS OF OKALOOSA COUNTY, FLORIDA.

GENERAL NOTES

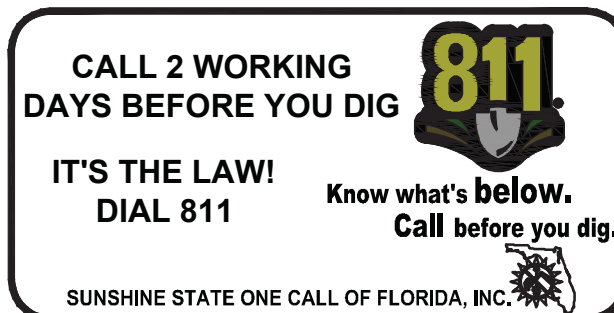
THE BEARINGS SHOWN HEREON ARE REFERENCED TO A LINE BETWEEN CONTROL POINTS #4 AND #5 AS BEING NORTH 05 DEGREES 32 MINUTES 10 SECONDS EAST. HORIZONTAL COORDINATES SHOWN ARE BASED ON THE FLORIDA NORTH ZONE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL AND VERTICAL DATUMS ARE REFERENCED TO THE CITY OF FORT WALTON BEACH ENGINEERING DEPARTMENT BENCHMARKS FWB15 AND FWB16. COORDINATES WERE PROVIDED BY THE CITY OF FORT WALTON BEACH.

UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND MARKING, PAINTING, FLAGGING AND/OR OTHER VISIBLE EVIDENCE AS MARKED BY OTHERS, EXISTING AT THE TIME OF FIELD SURVEY.

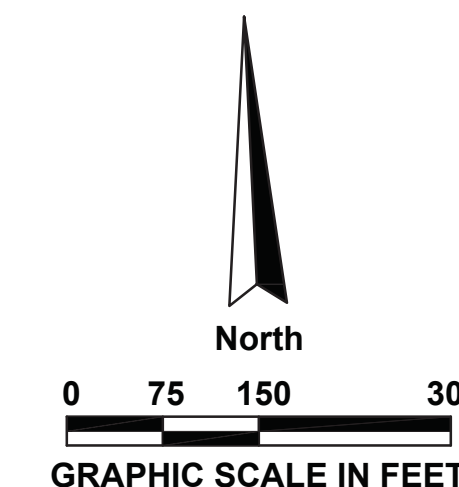
SPECIAL UTILITY NOTE:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. PRIOR TO ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE (RETURN RECEIPT REQUESTED) TO EACH OF THE UTILITY COMPANIES AFFECTED BY THE PROJECT, ALONG WITH THE VARIOUS DEPARTMENTS OF FLORIDA SUNSHINE ONE CALL AS PRESCRIBED BY STATE LAW. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE OWNER'S REP WITH A COPY OF THE RECEIPT OF SAID WRITTEN NOTIFICATION TO EACH OF THE UTILITY COMPANIES OR CITY/COUNTY DEPARTMENTS. THIS REQUIREMENT IS IN ADDITION TO ANY OTHER STATE LAWS REGARDING PUBLIC NOTIFICATION PRIOR TO EXCAVATION.



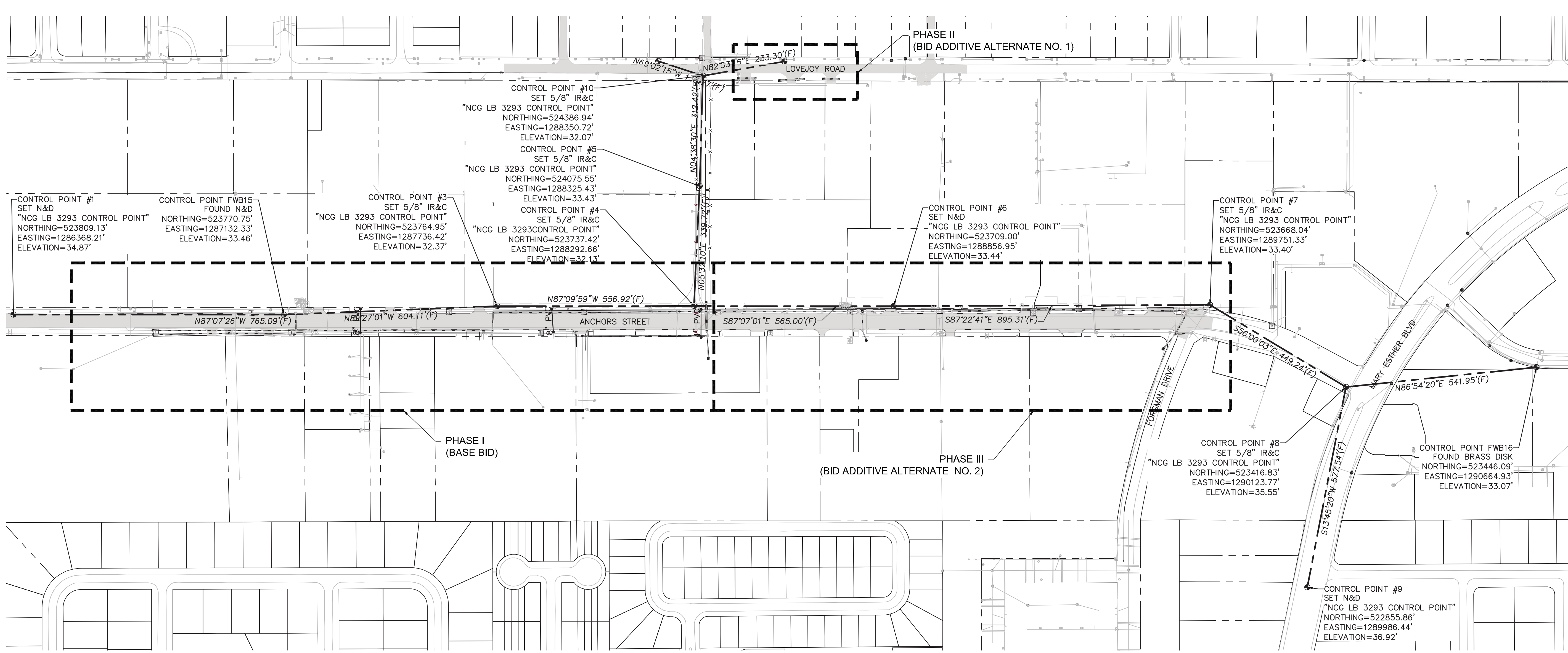
NOTES:

1. CONTRACTOR SHALL PHASE DEMOLITION AND CONSTRUCTION OF ACCESS DRIVE CROSSINGS MAINTAINING ACCESS TO BUSINESSES DURING ALL TIMES. CONTRACTOR SHALL COORDINATE CLOSURES WITH CITY AND BUSINESSES TWO WEEKS PRIOR TO CLOSURE OF ALL PHASES.
2. CONTRACTOR SHALL INSTALL SILT FENCE PRIOR TO COMMENCING IN ANY CONSTRUCTION ACTIVITIES AND MAINTAIN SILT FENCE THROUGHOUT CONSTRUCTION AND UNTIL SITE STABILIZED.
3. CONTRACTOR SHALL NOTIFY THE ENGINEER IF EROSION CONTROL ISSUES DEVELOP ONSITE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MEASURES ON SITE 24 HOURS/DAY THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE INLET PROTECTION THROUGHOUT CONSTRUCTION.
5. SAW-CUT CLEAN EDGES AND MATCH EXISTING GRADE FOR ALL DEMOLITION TIE-IN LOCATIONS. APPLY TACK COAT ON ALL EDGES PER FDOT 300.
6. SAW CUT MIN 2 FOOT BACK OR PER FLEX BUTT JOINT DETAIL, TYPICAL PAVEMENT SECTION AND DETAILS SHEET(S), WHICHEVER IS GREATER. BUTT JOINT REQUIRES TACK AND CLEAN SAW CUT FOR THE FULL LENGTH OF THE TIE-IN.
7. CONTRACTOR TO PROVIDE ADEQUATE BRACED SHORING OR SHEETPIILING PER OSHA REQUIREMENTS DURING CONSTRUCTION. BRACING SHALL BE INCIDENTAL TO THE PIPE COSTS.
8. CONTRACTOR SHALL PROVIDE A 6' CHAIN LINK FENCE BETWEEN THE ROADWAY EDGE OF PAVEMENT AND WORK AREA TO ENSURE PEDESTRIAN AND VEHICULAR TRAFFIC SAFETY DURING CONSTRUCTION. FENCE SHALL SECURE THE WORK AREA DURING TRENCHING OPERATIONS.
9. CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN FOR BOTH VEHICULAR AND PEDESTRIAN TRAFFIC PRIOR TO STARTING CONSTRUCTION.
10. CONTRACTORS SHALL COMPLETE DRIVEWAY WORK ON SATURDAYS AND SUNDAYS WHEN BUSINESSES ARE CLOSED.



LEGEND	
---	PHASE LIMITS

PARCEL DATA PER OKALOOSA COUNTY GIS



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AVCON

TRANSFORMING TODAY'S IDEAS INTO TOMORROW'S REALITY

TONIA D. NATION
FL LICENSE NO.: 64631
FBPR CERTIFICATE OF AUTHORIZATION NO. 5057

CP	NO.	DATE	REVISION

ANCHORS STREET NORTHWEST STORMWATER IMPROVEMENTS

MASTER EXISTING CONDITIONS & DEMOLITION PLAN

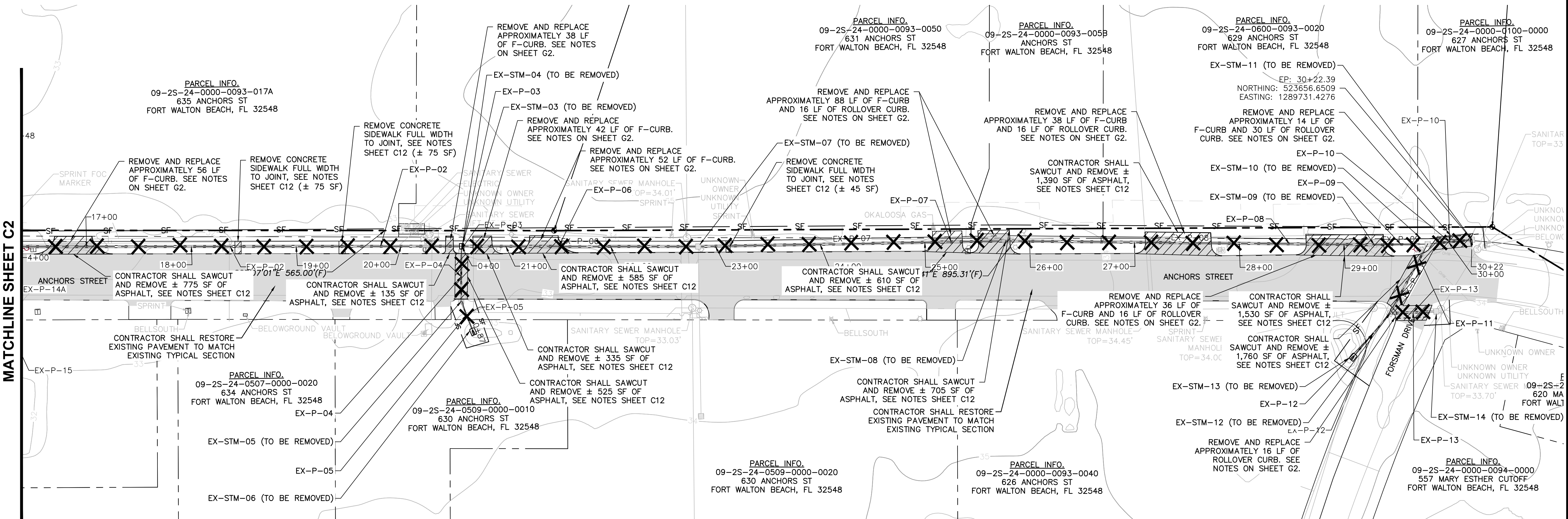
RELEASE FOR BID

DESIGNED BY: TDN/CAP
DRAWN BY: CAP
CHECKED BY: VCL
APPROVED BY: VCL

PROJECT NO: 2017.238.01
DATE: FEBRUARY 1, 2019

SHEET NUMBER
C1

MATCHLINE SHEET C2



NOTES

- CONTRACTOR SHALL PHASE DEMOLITION AND CONSTRUCTION OF ACCESS DRIVE CROSSINGS MAINTAINING ACCESS TO BUSINESSES DURING ALL TIMES.

LEGEND

	PAVEMENT REMOVAL
	STORM PIPE TO BE REMOVED
	SILT FENCE

AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
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1			

EXISTING CONDITIONS & DEMOLITION PLAN - PHASE III

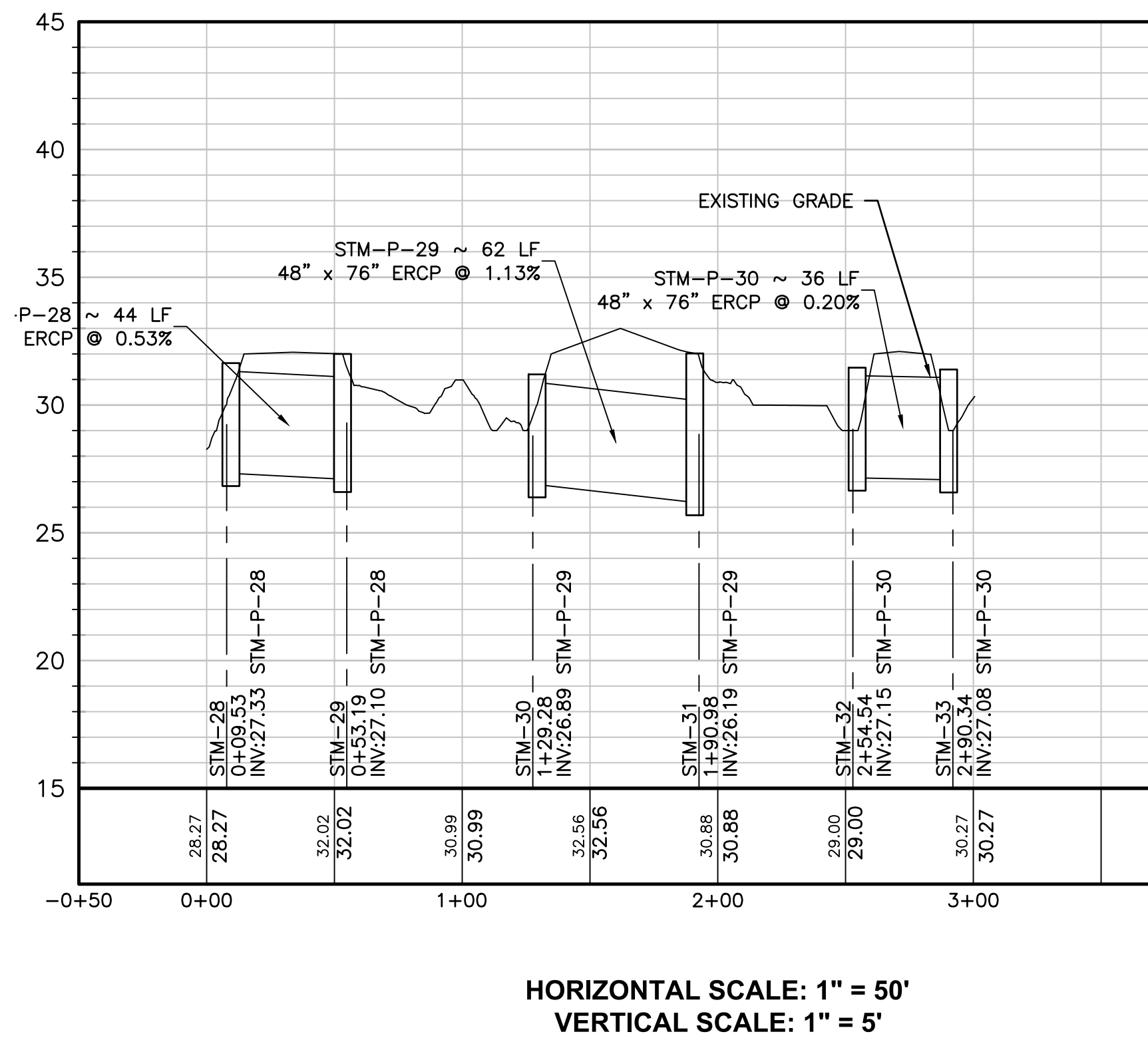
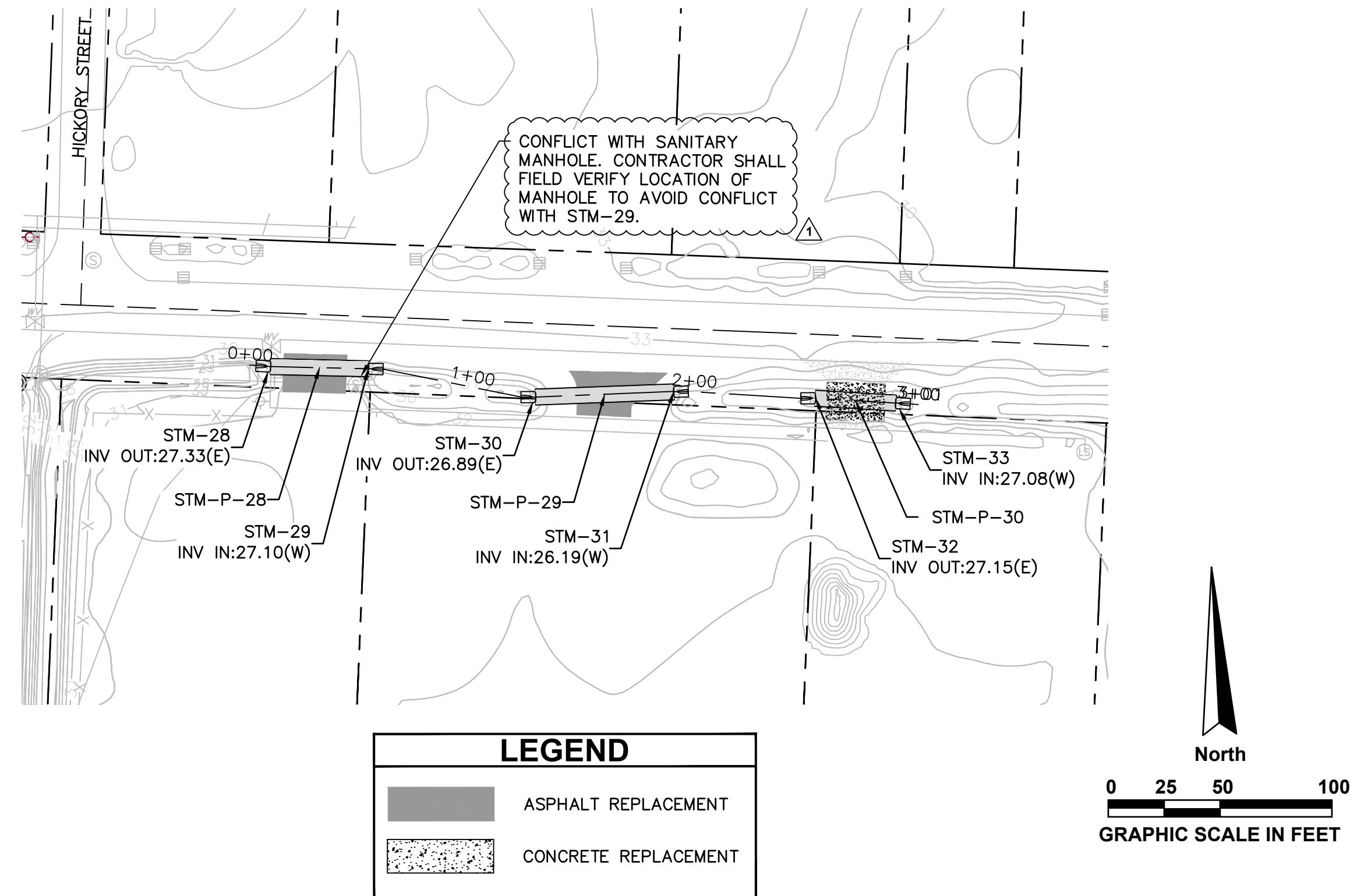
RELEASE FOR BID

ANCHORS STREET NORTHWEST STORMWATER IMPROVEMENTS

PREPARED FOR
CITY OF FORT WALTON BEACH, FLORIDA

DESIGNED BY: TDN/CAP
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SHEET NUMBER
C4



NOTE:

- STM-28 THROUGH STM-33 ARE PROPOSED MITERED END SECTIONS.

UTILITY NOTES

SEE SHEETS C2-C4 FOR LOCATION OF EXISTING UTILITIES

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NO.	DATE	REVISION
1	2/7/19	ADDENDUM NO. 1

DRAINAGE PLAN - PHASE II

RELEASE FOR BID

ANCHORS STREET NORTHWEST STORMWATER IMPROVEMENTS

PREPARED FOR
CITY OF FORT WALTON BEACH, FLORIDA

DESIGNED BY: TDN/CAP
DRAWN BY: CAP
CHECKED BY: VCL
APPROVED BY: VCL
PROJECT NO: 2017.238.01
DATE: FEBRUARY 1, 2019

SHEET NUMBER

C8

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GENERAL UTILITY NOTES:

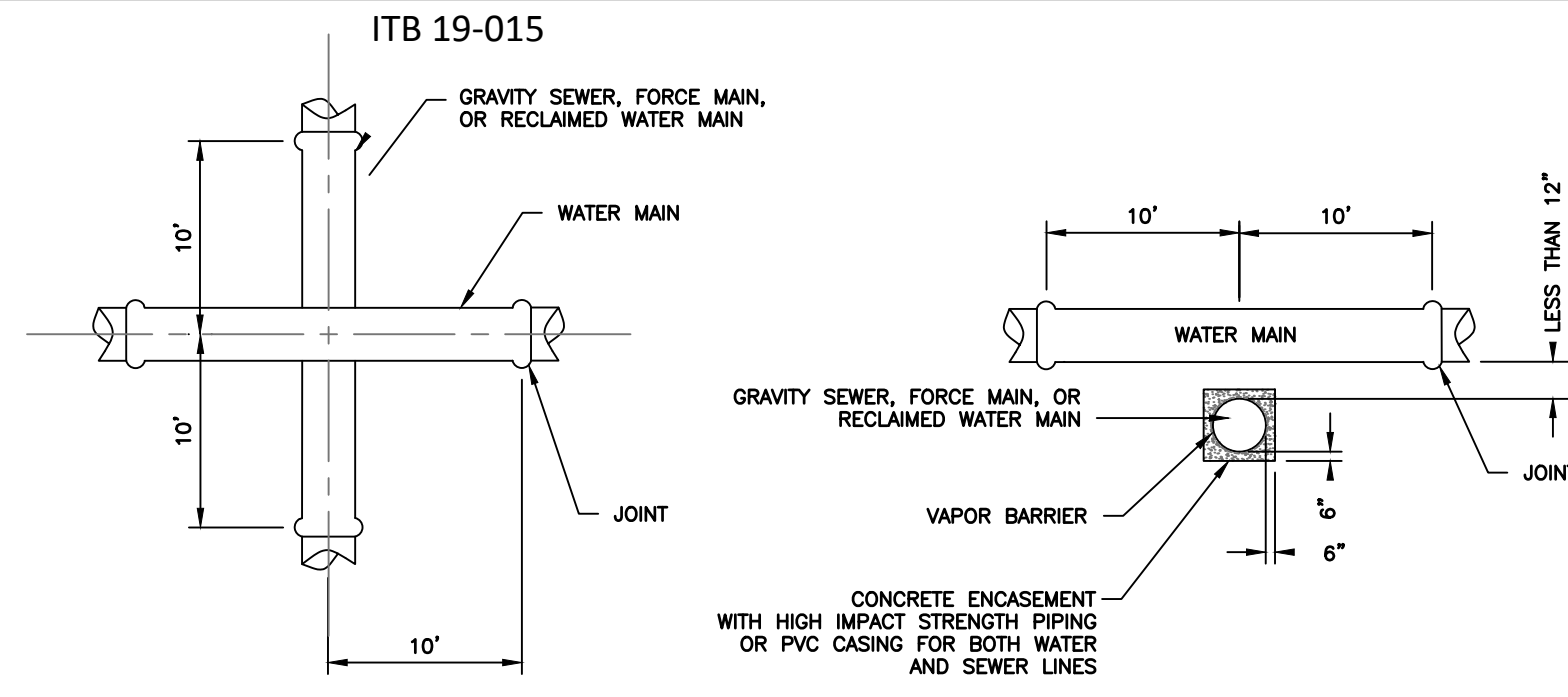
- THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE LOCAL UTILITY SERVICES FOR SITE UTILITY STAKE-OUT PRIOR TO BEGINNING WORK. PROJECT CONTACTS ARE AS FOLLOWS:

WATER/SEWER – CITY OF FORT WALTON BEACH OKALOOSA COUNTY	(850)	833-9613	(850)	651-7176
GAS – OKALOOSA COUNTY GAS DISTRICT	(850)	729-4880		
TV – COX COMMUNICATIONS	(850)	862-4144		
TELEPHONE – CENTURY LINK A T & T	(855) (800)	742-6062 778-9140		
FIBER – CENTURY LINK A T & T	(855) (903)	742-6062 753-3145		
COX COMMUNICATIONS	(352)	337-2052		
SOUTHERN LIGHT	(251)	259-0807		
ELECTRIC – GULF POWER	(800)	778-9140		
OKALOOSA COUNTY TRAFFIC	(850)	651-7295		

CALL SUNSHINE STATE ONE CALL 48 HOURS BEFORE YOU DIG: 1-800-432-4770
- LOCATIONS OF UTILITIES SHOWN ON THIS PLAN ARE AN APPROXIMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD VERIFICATION OF THE LOCATION, TYPE, DEPTH, ETC. OF ALL UTILITIES. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL UTILITIES LOCATED IN THE FIELD AND SHALL INDICATE THEM ON THE RECORD (AS-BUILT) DRAWINGS.
- ALL METHODS AND MATERIALS OF RELOCATION, INSTALLATION, AND PROTECTION SHALL BE IN ACCORDANCE WITH INDIVIDUAL UTILITY STANDARDS. WHERE PROPOSED UTILITY INSTALLATIONS OR MODIFICATIONS CROSS EXISTING PAVEMENTS TO REMAIN, CONTRACTOR SHALL MAINTAIN EXISTING PAVEMENT OR RESTORE PAVEMENT TO MATCH EXISTING CONDITION. NO SEPARATE PAYMENT SHALL BE MADE FOR PAVEMENT RESTORATION.
- ALL UTILITIES SHALL REMAIN IN PLACE AND IN SERVICE UNLESS SHOWN OTHERWISE.

WATER AND SEWER NOTES:

- A MANDATORY PRECONSTRUCTION MEETING SHALL BE HELD WITH ALL INVOLVED PARTIES, INCLUDING THE CITY, FDEP PROJECT MANAGER, ENGINEER-OF-RECORD, CONTRACTOR(S) AND UTILITY PROVIDER STAFF A MINIMUM TWO (2) WEEKS PRIOR TO CONSTRUCTION TO ADDRESS ALL CONSTRUCTION & INSPECTION REQUIREMENTS. THIS MEETING SHALL BE COORDINATED BY THE ENGINEER-OF-RECORD BY LETTER NOTIFICATION AND HELD AT THE CITY ENGINEERING DEPARTMENT. FAILURE TO HOLD A PRECONSTRUCTION MEETING COULD RESULT IN EXPENSIVE REWORK OF ITEMS NOT ACCEPTABLE BY UTILITY PROVIDER STANDARDS.
- THE CONTRACTOR SHALL PROVIDE PROPER SEPARATION FROM PROPOSED DRAINAGE SYSTEMS AND UTILITY PIPES, INCLUDING SERVICES.
- NO UTILITY CONNECTIONS WILL BE MADE INTO CITY / FDOT RIGHT-OF-WAY, AND/OR EASEMENTS WITHOUT AN APPROVED UTILITY PERMIT. ALL EXISTING ROAD CROSSINGS WILL BE BORED, UNLESS PERMITTED OTHERWISE. THE CONTRACTOR MUST REPAIR ANY PAVEMENT CUTS WITHIN TIME SPECIFIED ON PERMIT AND COORDINATE ALL CUTS WITH GOVERNING AUTHORITY A MINIMUM 10 DAYS PRIOR TO WORK BEING DONE.
- THE CONTRACTOR WILL INSTALL TRACER WIRE ABOVE ALL PIPES BEING INSTALLED. THE WIRE WILL BE EXTENDED A MINIMUM 12" ABOVE FINAL GROUND ELEVATION AT THE VALVES AND ALL EXCESS WIRE COILED AND PLACED INSIDE THE VALVE BOX LID. THE WIRE WILL RUN THE ENTIRE SYSTEM, INCLUDING SERVICES TO CREATE A CONTINUOUS ELECTRIC CIRCUIT CAPABLE OF BEING FULLY TRACED WHEN CONNECTED TO A SINGLE DC SOURCE.
- A MINIMUM 36" COVER IS REQUIRED FROM TOP OF ALL PROPOSED UTILITY LINES AND SERVICES FROM FINISHED GRADES, INCLUDING SWALES AND BASINS. ALL FIRE AND FLUSH HYDRANTS WILL BE PLACED AT BACK OF THE PROPOSED UTILITY EASEMENT, WITH BOTTOM FLANGE SECTION LEVEL WITH FINISH PAVEMENT SURFACE AND HAVE AN ISOLATION VALVE FOR EACH HYDRANT, AS NOTED ON PLANS.



- VERTICAL SEPARATION NOTES:**
- VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES:
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

SEPARATION EXCEPTION NOTES:
WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE TO COMPLY WITH THE REQUIREMENTS IN SUBSECTION (1) OR (2) ABOVE, THE DEPARTMENT SHALL ALLOW EXCEPTIONS TO THESE REQUIREMENTS IF SUPPLIERS OF WATER OR CONSTRUCTION PERMIT APPLICANTS PROVIDE TECHNICAL OR ECONOMIC JUSTIFICATION FOR EACH EXCEPTION AND PROVIDE ALTERNATIVE CONSTRUCTION FEATURES THAT AFFORD A SIMILAR LEVEL OF RELIABILITY AND PUBLIC HEALTH PROTECTION. ACCEPTABLE ALTERNATIVE CONSTRUCTION FEATURES INCLUDE THE FOLLOWING:

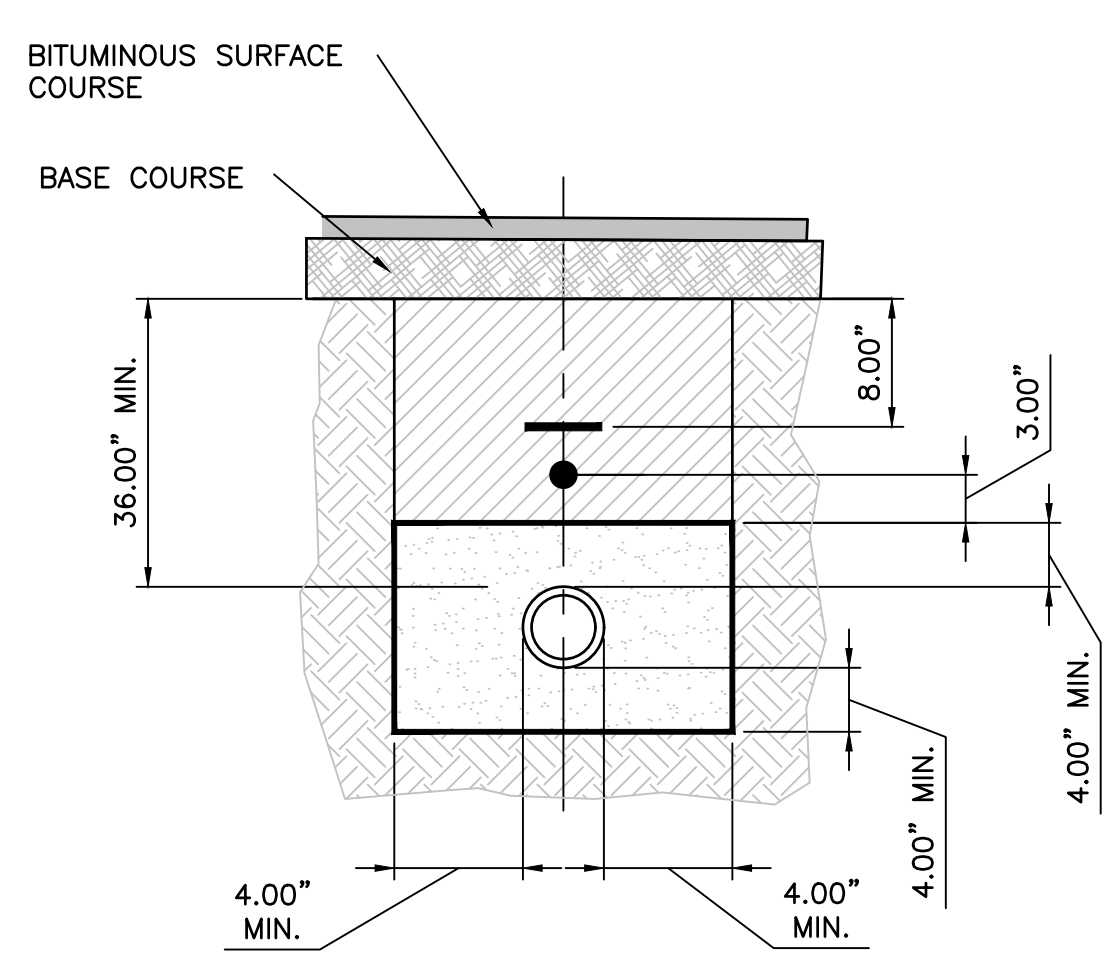
- WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCE FROM JOINTS IN THE OTHER PIPELINE:
 - USE OF PRESSURE-RATED PIPE CONFORMING TO THE AMERICAN WATER WORKS ASSOCIATION STANDARDS INCORPORATED INTO RULE 62-555.330, F.A.C., FOR THE OTHER PIPELINE IF IT IS A GRAVITY- OR VACUUM-TYPE PIPELINE;
 - USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE; OR
 - USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE.
- WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS BEING LAID LESS THAN THE REQUIRED MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE:
 - USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE WATER MAIN; AND
 - USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE OTHER PIPELINE IF IT IS NEW AND IS CONVEYING WASTEWATER OR RECLAIMED WATER.

CALL 2 WORKING DAYS BEFORE YOU DIG

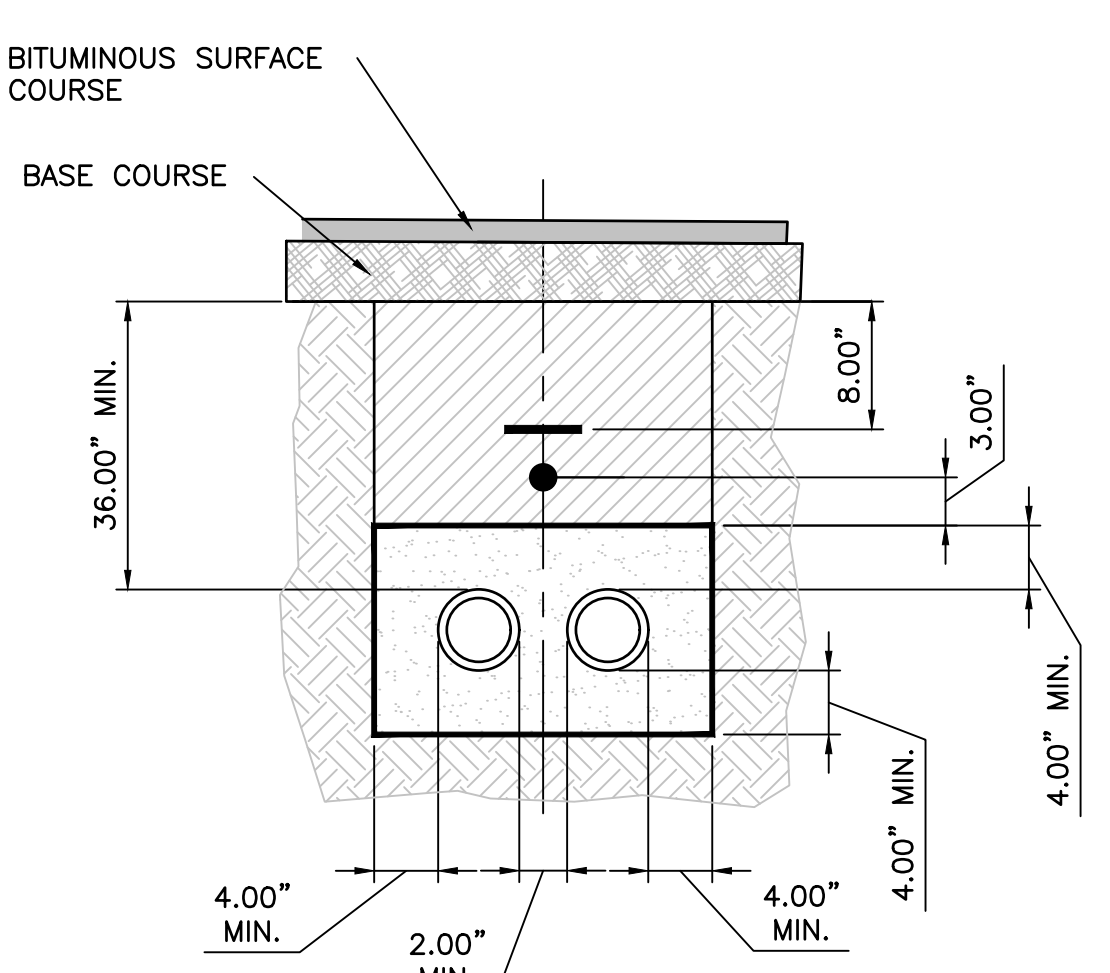
IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

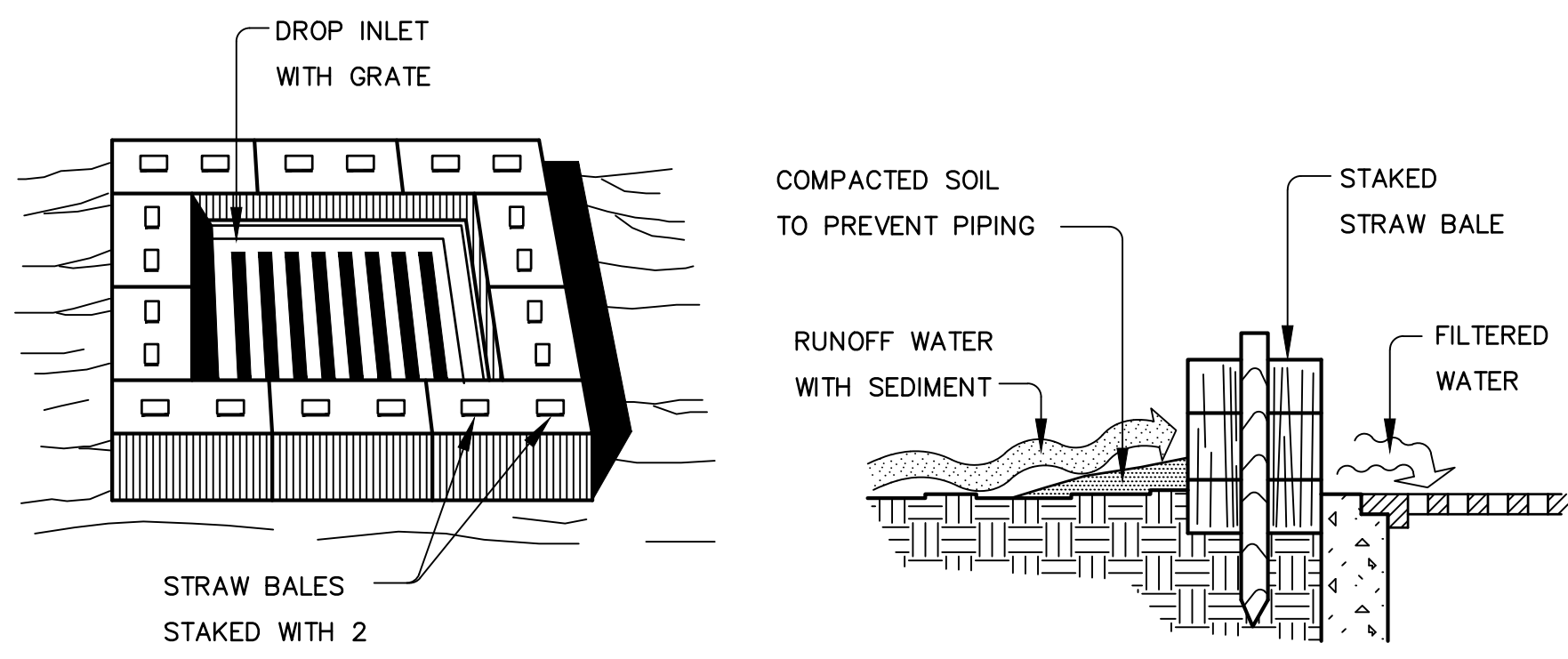
SUNSHINE STATE ONE CALL OF FLORIDA, INC.



* AS REQUIRED TO PROTECT EXISTING UTILITIES

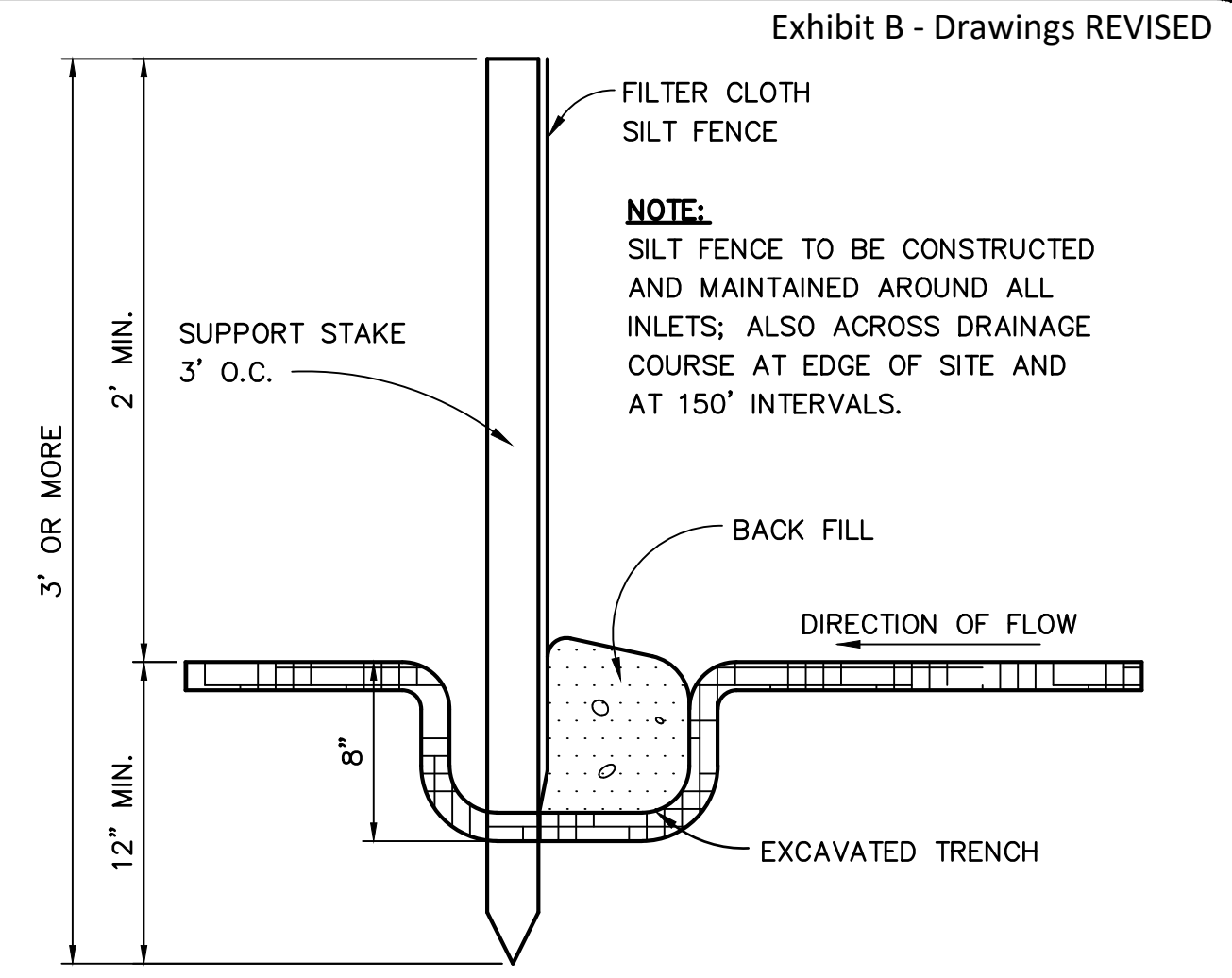


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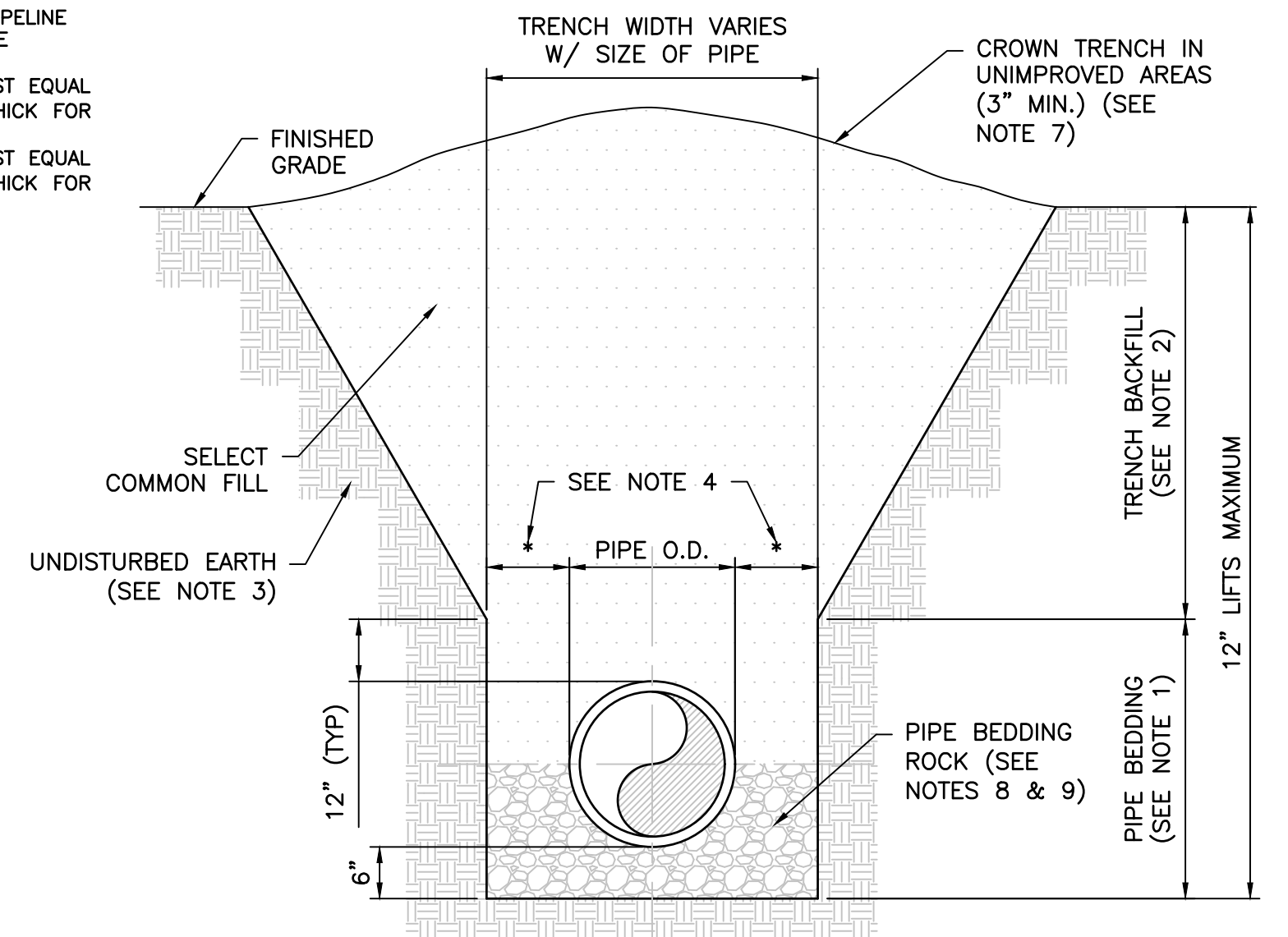


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.



- EROSION NOTES:**
- ALL SILT FENCING SHALL BE INSTALLED AND SPACED ACCORDING TO FDOT INDEX #102.
 - EROSION PROTECTION, SUCH AS STAKED BALED HAY AND SILT FENCE BARRIERS, MUST BE INSTALLED PRIOR TO START OF CONSTRUCTION.
 - SILT FENCE BARRIER SHALL BE INSTALLED AS SHOWN ON PLANS, AND IN ALL AREAS SUBJECT TO SOIL EROSION SEDIMENTATION, SPECIFICALLY ADJACENT TO ALL BODIES OF WATER AND WETLAND AREAS WHERE THERE IS A POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
 - SEDIMENT AND EROSION CONTROL DEVICES SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION AND SHALL BE REMOVED AT COMPLETION OF THE PROJECT.



- NOTES:**
- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - TRENCH BACKFILL: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH CLASS B BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE COUNTY.
 - (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
 - WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
 - ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
 - REFER TO SECTION 32.5 OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS.
 - PIPES SHALL UTILIZE TYPE A BEDDING, IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15", AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
 - DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. COUNTY SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.

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APPENDIX NO. 1	NO.	DATE	REVISION

MISCELLANEOUS DETAILS (SHEET 2 OF 2)

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