

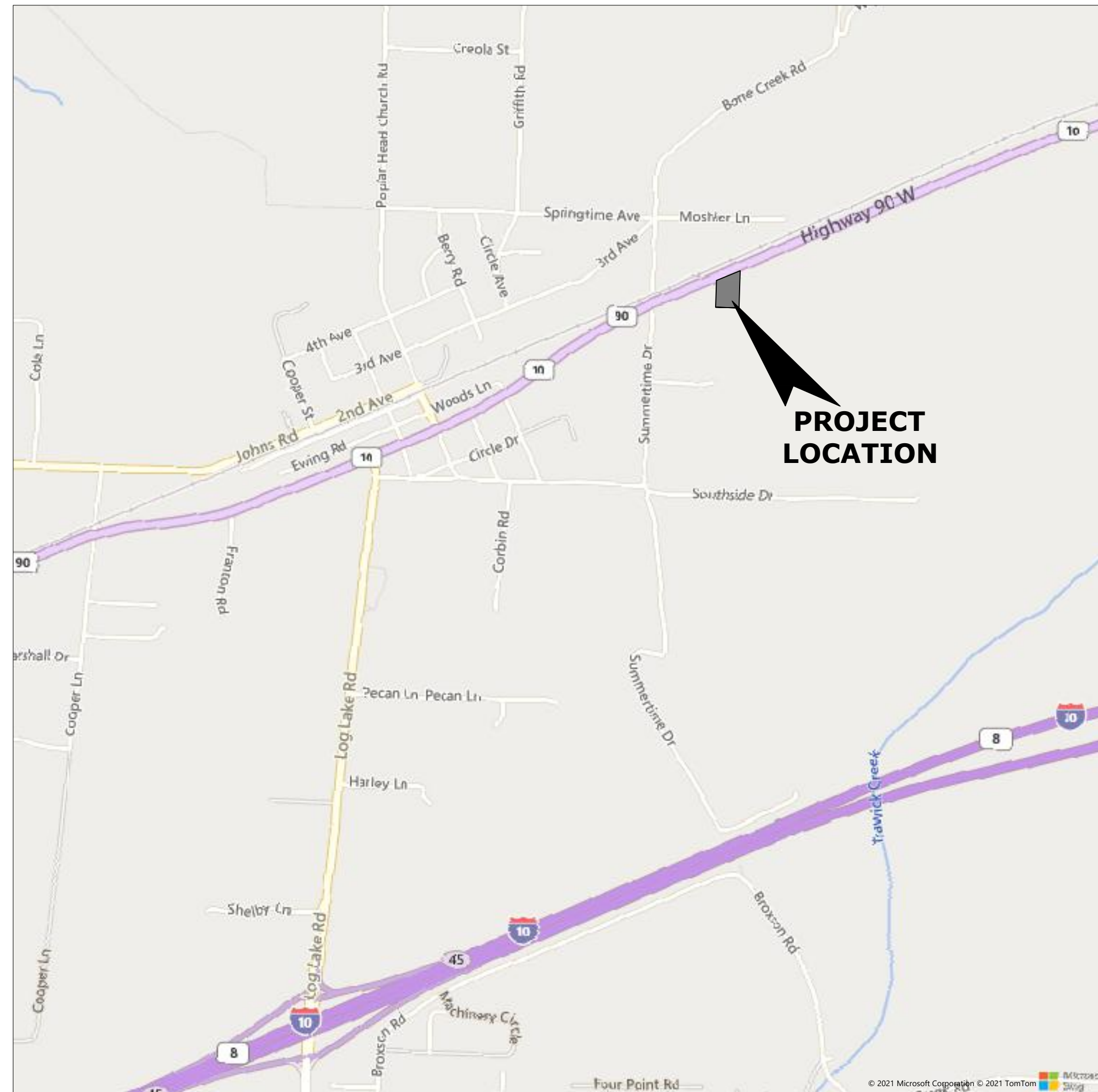
# PERMIT PLANS

FOR

# CENTRAL FIRE STATION #1

FOR

# HOLT FIRE DISTRICT



**LOCATION MAP**  
SCALE: 1" = 1,000'

**ENGINEER:**

MUNICIPAL ENGINEERING SERVICES, INC.  
8574 TURKEY BLUFF ROAD  
NAVARRE, FLORIDA 32566  
CONTACT: DALE E. LONG, PE, LEED AP  
PHONE: (850) 939-5732  
EMAIL: dlong@mesi-fl.com

**OWNER/DEVELOPER:**

HOLT FIRE DISTRICT  
P.O. BOX 226  
HOLT, FL 32564  
CONTACT: MR. JIM CONNORS  
PHONE: (850) 305-2855  
EMAIL: jdconnors@embarqmail.com

**SITE INFORMATION:**

SITE ADDRESS: 620/630 HIGHWAY 90 WEST  
PARCEL NUMBER: 34-3N-25-0000-0012-0010  
PARCEL ZONING: INSTITUTIONAL (INST)  
FUTURE LAND USE: INSTITUTIONAL (INST)  
CURRENT USE: FIRE STATION w/PUBLIC PARK  
PARCEL SIZE: 2.98 ACRES

**EXISTING SITE APPROVALS:**

OKALOOSA COUNTY ORDINANCE 20-21 FLU CHANGE FROM RURAL RESIDENTIAL (RR) TO INSTITUTIONAL (INST)  
OKALOOSA COUNTY ORDINANCE 20-22 ZONING CHANGE FROM RURAL RESIDENTIAL (RR) TO INSTITUTIONAL (INST)

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**TOWNES + ARCHITECTS, P.A.**  
 ARCHITECTS - PLANNERS  
 2421 NORTH 12<sup>th</sup> AVENUE, PENSACOLA, FL 32503  
 PH: (850) 433-0203 AA-26001051

**COVER SHEET, SHEET INDEX & LOCATION MAP**

**HOLT FIRE DISTRICT**  
**CENTRAL FIRE STATION #1**  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA


Dale E. Long, P.E.

P.E. #55393

CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL

**C-000**  
SHEET # 00 OF 19



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R:\MES\2021\12\10005\FHD NEW FIRE STATION\DWGS\SHEETS\010 C-001 GENERAL NOTES.DWG

**GENERAL NOTES:** 

1. THE OWNER INTENDS THAT THE CONTRACT DOCUMENTS WILL PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT. WHERE LABOR AND MATERIAL MAY BE REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL PROJECT BUT IS NOT FULLY SPECIFIED, DETAILED, OR SHOWN AS A CONSTRUCTION ITEM, THE CONTRACTOR SHALL PROVIDE THE REQUIRED MATERIAL OR LABOR TO MEET THE INTENT OF THE CONTRACT DOCUMENTS. THIS REQUIREMENT MAY ONLY BE CONSTRUED AS A REQUIREMENT TO COMPLETE OR MAKE FUNCTIONAL CONSTRUCTION ITEMS SHOWN IN OR ON THE CONTRACT DOCUMENTS.
2. PRIOR TO COMMENCING CONSTRUCTION WITHIN THE PROJECT AREA(S), THE CONTRACTOR SHALL VIDEO THE EXISTING CONDITIONS AND AREAS ADJACENT TO THE PROJECT THAT MAY BE IMPACTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL KEEP ONE COPY AND PROVIDE ONE COPY EACH TO THE OWNER AND OWNER'S CONSTRUCTION INSPECTION/ADMINISTRATION REPRESENTATIVE.
3. ALL FINAL CONSTRUCTION AND CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL BUILDING AND/OR CONSTRUCTION CODES, RULES OR REQUIREMENTS AS APPLICABLE.
4. ABOVE GROUND FEATURES SHOWN WHICH MAY AFFECT CONSTRUCTION WERE TAKEN FROM THE BEST AVAILABLE INFORMATION AND FIELD SURVEYS. THE OWNER DOES NOT GUARANTEE THAT ALL PHYSICAL FEATURES OR ABOVE GROUND OBSTRUCTIONS AFFECTING CONSTRUCTION ARE SHOWN. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS/HER BID. THERE SHALL BE NO ADJUSTMENT OF THE CONTRACT PRICE FOR VISIBLE FEATURES AFFECTING CONSTRUCTION.
5. THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND GEOTECHNICAL INVESTIGATION REPORT FOR THIS PROJECT ARE AN INTEGRAL PART OF THE CONSTRUCTION. THE CONTRACTOR SHALL FULLY REVIEW AND FOLLOW ALL REQUIREMENTS OF THESE DOCUMENTS IN THE COMPLETION OF THE WORK. ALL CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS UNLESS OTHERWISE APPROVED IN WRITING BY THE OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE.
6. ALL EXISTING FENCES, STORM DRAINS, PROPERTY CORNERS, SURVEY MONUMENTS, PAVEMENT, ROADS, SIDEWALKS, SIGNS OR ANY OTHER EXISTING OBJECTS OR STRUCTURES WHICH ARE NOT DESIGNATED FOR REMOVAL, BUT ARE DAMAGED OR DESTROYED BY THE CONTRACTOR OR BY ANYONE FOR WHOM THE CONTRACTOR IS RESPONSIBLE ARE TO BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING IN KIND OR REPAIRING TO ORIGINAL CONDITION; MAILBOXES, DRIVEWAY CULVERTS, RETAINING WALLS, LANDSCAPING, ETC. THAT ARE DISTURBED, DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES.
7. THE LEGEND IS TYPICAL FOR ALL SHEETS. SOME ITEMS MAY NOT APPLY TO EACH SHEET.
8. CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THE LIMITS OF CONSTRUCTION, RIGHT-OF-WAYS AND/OR EASEMENTS SHOWN. CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE TO AND RESTORATION OF ALL AREAS OUTSIDE OF RIGHT-OF-WAYS AND EASEMENTS, AT HIS EXPENSE.
9. THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) DOCUMENTS "ROADWAY AND TRAFFIC DESIGN STANDARDS" AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS OF THIS PROJECT BY REFERENCE. WHERE F.D.O.T. INDICES OR SPECIFICATIONS ARE REFERENCED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE APPROPRIATE F.D.O.T. DOCUMENT(S) UNLESS OTHERWISE INDICATED ON, OR MODIFIED BY, THE CONSTRUCTION PLANS.
10. THE CONTRACTOR SHALL NOTIFY F.D.O.T. 48 HOURS PRIOR TO WORKING WITHIN THE F.D.O.T. RIGHT-OF-WAY (1-800-432-4770).
11. IN THE EVENT THAT ANY STANDARDS OR SPECIFICATIONS AS DESCRIBED HEREIN OR SHOWN ON THE PLANS, ARE IN CONFLICT WITH EACH OTHER, THE MORE STRINGENT CRITERIA WILL APPLY. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND IN WRITING. SHOULD THE MORE STRINGENT CRITERIA BE UNCLEAR, THE ENGINEER WILL PROVIDE AN INTERPRETATION AND DETERMINE WHICH CRITERIA IS TO BE USED.
12. THESE PLANS WERE BASED ON THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING SCIENCES, PHONE: (850) 944-5555. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACQUIRE A COPY OF THE REPORT(S) FROM THE GEOTECHNICAL ENGINEER, FAMILIARIZE THEMSELVES WITH THE CONDITIONS AS DESCRIBED IN THE REPORT(S), AND COMPLY WITH ALL RECOMMENDATIONS MADE IN THE REPORT(S) SPECIFICALLY FOR SOIL PREPARATION ON THE SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF ALL REPORTS FOR THIS PROJECT FROM THE OWNER AND TO FOLLOW THE REPORTS' RECOMMENDATIONS.
13. THE OWNER, OWNER'S REPRESENTATIVES, AND INSPECTORS OF APPLICABLE GOVERNMENT AGENCIES HAVING JURISDICTION, SHALL AT ALL TIMES HAVE ACCESS TO THE WORK SITE. THE CONTRACTOR SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND INSPECTIONS.
14. 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 SECURE FROM UNAUTHORIZED ACCESS OR USE. SUCH PRECAUTIONS MAY INCLUDE INSTALLATION OF SIGNS, FENCES, OR POSTING OF SECURITY GUARDS.
15. THE CONTRACTOR SHALL COMPLY FULLY WITH ALL PERMIT REQUIREMENTS IMPOSED BY THE REGULATORY AGENCIES.
16. THE ENGINEER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF ALL TESTING RELATED TO CIVIL WORK.
17. ALL DISCHARGE FROM ANY REQUIRED DEWATERING OPERATIONS SHALL BE RESTRICTED AND MAINTAINED ON SITE. PERCOLATION THROUGH TEMPORARY PONDS OR EVAPORATION ARE THE ONLY ALLOWABLE NON-PERMITTED MEANS OF DISPOSAL OF GROUNDWATER. THE CONTRACTOR AT HIS EXPENSE, MAY PROVIDE TESTING OF GROUNDWATER PER F.D.E.P. GUIDELINES INCLUDING FAC CHAPTER 62-621.300(2). THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A "GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" FROM F.D.E.P. IF REQUIRED AT HIS EXPENSE.
18. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD, F.D.O.T., OKALOOSA COUNTY, AND THE OWNER.
19. IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
20. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.

21. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD, OKALOOSA COUNTY, AND THE OWNER. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
22. THE OWNER OR HIS AGENT SHALL ARRANGE/ SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 651-7180. "AS-BUILT" CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
23. THIS SET OF PLANS IS FOR THE CIVIL CONSTRUCTION PORTIONS OF THE PROJECT. THE CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH THE ARCHITECTURAL/MECHANICAL/ELECTRICAL/PLUMBING AND STRUCTURAL PLANS AS APPLICABLE FOR BUILDING INTERFACES.
24. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY.
25. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE STEPS TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
26. DEVELOPER/CONTRACTOR SHALL RE-SHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO THE REQUEST FOR A FINAL INSPECTION.
27. THE ENGINEER OF RECORD SHALL PROVIDE TO OKALOOSA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL ONE (1) WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND STORMWATER FACILITIES UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO EQUAL OR BETTER CONDITION.
29. THE OWNER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORM WATER SYSTEM.
30. PRIOR TO CONSTRUCTION, SEPARATE BUILDING INSPECTION DEPARTMENT PERMITS SHALL BE OBTAINED AS REQUIRED.
31. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE OWNER/DEVELOPER/CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM OKALOOSA COUNTY.
32. PRIOR TO CONSTRUCTION, A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT SHALL BE OBTAINED FOR ALL RETAINING WALLS HIGHER THAN TWO (2) FEET.

**PROJECT SAFETY NOTES:**

1. THE CONTRACTOR SHALL BE SOLELY LIABLE FOR THE SAFETY OF THE WORK AND ANY AND ALL DAMAGES ARISING FROM THE CONSTRUCTION SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ASSURING THAT THE CONSTRUCTION MATERIALS AND METHODS ARE COMPLIANT WITH ALL APPLICABLE LOCAL, STATE OR FEDERAL SAFETY CODES, RULES, OR REQUIREMENTS.
2. THE CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA) AND ALL RULES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER THIS ACT. THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY AND ALL APPLICABLE STATE LAWS AND REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH.
3. THE CONTRACTOR SHALL PROTECT AND KEEP THE OWNER (INCLUDING THEIR AGENTS, CONSULTANTS, 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, ETC. RESULTING FROM THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AS AMENDED.

**HAZARDOUS MATERIALS NOTES:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH LOCAL STATE AND FEDERAL REGULATIONS REGARDING TESTING FOR AND DISPOSAL OF HAZARDOUS MATERIALS DURING DEMOLITION.
2. 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, 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 USC SECTIONS 9601 ET SEQ.) AND/OR THE RESOURCE CONSERVATION AND RECOVERY ACT (42 USC 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 (PCB'S), ASBESTOS, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.
3. CONTRACTOR AND ITS SUBCONTRACTORS SHALL USE, HANDLE, TEST TRANSPORT, AND DISPOSE OF ALL HAZARDOUS MATERIALS (AS DEFINED HEREIN) IN COMPLIANCE WITH ALL CURRENT 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.
4. 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 A SPILL ON PERSONS OR PROPERTY.

**PUBLIC RIGHT-OF-WAY NOTES:**

1. NO ROADWAYS SHALL BE CLOSED, LANE CLOSURES MAY BE ALLOWED WITH ADEQUATE NOTICE GIVEN AND PRIOR APPROVAL. ROAD LANE CLOSURES SHALL BE KEPT AS SHORT AS POSSIBLE AND SHALL BE COORDINATED WITH THE AGENCY HAVING JURISDICTION (AHJ) - DEPARTMENT OF TRANSPORTATION, CITY, OR COUNTY AS APPLICABLE. THE AHJ SHALL BE NOTIFIED 72 HOURS IN ADVANCE BEFORE ANY WORK COMMENCES ON THEIR RIGHT-OF-WAY. TEMPORARY ACCESS TO ALL DRIVEWAYS SHALL BE PROVIDED WITHIN TWO (2) HOURS OF INITIAL DISRUPTION AND MAINTAINED UNTIL FINAL PROJECT ACCEPTANCE BY THE OWNER.
2. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL ON ALL ROADWAYS. PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL DEVELOP AND SUBMIT A MAINTENANCE OF TRAFFIC PLAN TO THE AGENCY HAVING JURISDICTION FOR THEIR APPROVAL. THIS PLAN MUST MEET THE MINIMUM REQUIREMENTS AS OUTLINED IN THE FDOT DESIGN STANDARDS INDEX 102 AS APPLICABLE.
3. ALL RIGHT-OF-WAY INSTALLATIONS WILL BE IN ACCORDANCE WITH PRACTICES REFERENCED IN THE STATE OF FLORIDA UTILITY ACCOMMODATIONS MANUAL, LATEST EDITION.
4. SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH THE US DEPARTMENT OF TRANSPORTATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT REQUIREMENTS.
5. ASPHALT PAVING, CONCRETE OR PAVED SHOULDERS, OR SWALES DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE. PAYMENT FOR PAVEMENT CUT AND PATCH IS LIMITED TO THE HATCHED AREAS SHOWN ON THE PLANS. PAVEMENT SHALL BE PROTECTED OR REPAIRED AT THE CONTRACTOR'S EXPENSE AT ALL OTHER LOCATIONS.

TOWNES + ARCHITECTS, P.A.  
ARCHITECTS - PLANNERS  
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PH: (850) 433-0203  
AA-26001051

**GENERAL NOTES**

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

OWNER COMMENTS	11-22-24

Dale E. Long, P.E.

P.E. #55393



CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL
<b>C-001</b>	
SHEET # 01 OF 19	

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**RECORD DRAWING NOTES:**

- PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A COPY OF THE MINIMUM REQUIREMENTS FOR AS-BUILT RECORD DRAWING ACCEPTANCE FOR THE AGENCY HAVING JURISDICTION (AHJ) SUCH AS A COUNTY OR CITY, AND/OR A UTILITY SERVICE PROVIDER. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THESE REQUIREMENTS AND PRODUCE AS-BUILT RECORD DRAWINGS THAT SUBSTANTIALLY COMPLY WITH OR EXCEED THESE REQUIREMENTS.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD REDLINE DRAWINGS DEPICTING THE AS-BUILT CONDITION AT LEAST TWO (2) WEEKS PRIOR TO REQUESTING A FINAL INSPECTION OF THE WORK TO BE CERTIFIED.
- THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW THE AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, FITTINGS, DRAINAGE STRUCTURES, POND TOPOGRAPHY, OUTLET STRUCTURE DIMENSIONS, GRADING, ELEVATIONS, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING A FINAL INSPECTION.
- THE CONTRACTOR SHALL KEEP A DAILY SET OF AS-BUILT DRAWINGS WHILE THE WORK IS BEING DONE AND IS VISIBLE AND EXPOSED ACCORDING TO THE CRITERIA CONTAINED HEREIN.
- THE OWNER RESERVES THE RIGHT TO REQUIRE THAT THE CONTRACTOR UNCOVER, RE-TEST, AND/OR PERFORM ANY ACTION NECESSARY TO ENSURE THAT THE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT AS-BUILT INFORMATION TO CONVEY THAT THE CONSTRUCTION HAS BEEN COMPLETED WITHIN ACCEPTABLE TOLERANCES. AS-BUILT INFORMATION SHALL INCLUDE BUT IS NOT LIMITED TO THE FOLLOWING:
  - SANITARY SEWER:**
    - TOP ELEVATION OF ALL MANHOLE FRAME AND COVERS.
    - INVERT OF EACH LINE ENTERING AND EXITING EACH MANHOLE STRUCTURE.
    - LENGTH OF EACH RUN OF MAIN BETWEEN MANHOLES (MEASURED FROM CENTER TO CENTER OF MANHOLE)
    - PIPE SLOPE (GRADE) BETWEEN MANHOLES.
    - LOCATE ALL SERVICE WYES FROM THE DOWNSTREAM MANHOLE. PROVIDE A LATERAL DEPTH AT THE LOT LINE AS WELL AS AN OFFSET DISTANCE FROM THE MAIN.
    - LOCATE WITH MEASUREMENTS (MINIMUM TWO-POINT TIES) FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS, STUB-OUTS, ACCESSORIES, ETC. NOT VISIBLE FROM THE SURFACE.
  - STORM DRAINAGE:**
    - TOP ELEVATION OF EACH STRUCTURE FRAME AND COVER AS WELL AS THE TOP ELEVATION OF ALL HEADWALLS, CONTROL STRUCTURES, ETC.
    - INVERT OF EACH LINE ENTERING AND EXITING EACH STRUCTURE.
    - INVERTS OF ALL PIPE OUTFALLS.
    - PIPE SLOPE (GRADE) BETWEEN STRUCTURES.
    - LENGTH OF RUN OF MAIN BETWEEN STORMWATER STRUCTURES (MEASURED FROM CENTER TO CENTER OF STRUCTURE)
    - PROVIDE DIMENSIONS AND INVERTS FOR ALL UNDERDRAINS INCLUDING FITTINGS AND CLEANOUTS.
    - POND TOPOGRAPHY:
      - CROSS-SECTIONS
      - SAND CHIMNEY DIMENSIONS
      - OVERFLOW STRUCTURE INFORMATION
    - LOCATE WITH MEASUREMENTS (MINIMUM TWO-POINT TIES) FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS, STUB-OUT, ACCESSORIES, ETC. NOT VISIBLE FROM THE SURFACE.
  - PRESSURE MAINS (WATER AND SEWER):**
    - ACTUAL LENGTH OF PIPE BETWEEN EACH BRANCH OR VALVE IN RUN.
    - LOCATE ALL FITTINGS WITH MEASUREMENTS (MINIMUM TWO-POINT TIES) FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS, STUB-OUT, ACCESSORIES, ETC. NOT VISIBLE FROM THE SURFACE.
    - LIST THE DEPTH OF LINES AT ALL VALVES, FITTINGS, AND FIRE HYDRANTS.
    - DIMENSIONS WHICH CLEARLY DEMONSTRATE COMPLIANCE WITH MINIMUM SEPARATION DISTANCES OR REQUIRED PIPE UPGRADES (ENCASEMENT).
  - LIFT STATIONS:**
    - TOP & SUMP ELEVATION OF WET WELL AND VALVE BOX.
    - INVERT OF ALL PIPES ENTERING WET WELL AS WELL AS FORCEMAIN PIPES EXITING.
    - FLOAT ELEVATIONS. (IF APPLICABLE)
    - YARD PIPING INFORMATION. (SEE PRESSURE MAINS ABOVE)
  - OTHER IMPROVEMENTS:**
    - LOCATE BUILDINGS, SIDEWALKS, PAVEMENT, CURB AND GUTTER, ETC. AS APPLICABLE.

**F.D.O.T. NOTES:**

- ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FDOT STANDARD PLANS FOR ROADWAY CONSTRUCTION, FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, FLORIDA DESIGN MANUAL, FLORIDA GREENBOOK, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL LANES MUST BE OPENED TO TRAFFIC WITHIN 12 HOURS AFTER RECEIVING NOTIFICATION OF A HURRICANE EVACUATION OR ANY OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE PERMITS MANAGER.
- CONTRACTOR SHALL SCHEDULE AND HAVE AN ON-SITE PRE-WORK MEETING WITH REPRESENTATIVES FROM THE ENGINEERING FIRM, FDOT, QUALITY CONTROL TESTING LABORATORY, PRIME CONTRACTOR, AND ANY OTHER INTERESTED PARTY PRESENT.
- PAVING CONTRACTOR SHALL SCHEDULE A PRE-PAVING MEETING WITH FDOT. PROPOSED ASPHALT MIX DESIGNS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO OR AT THE PRE-PAVING MEETING.
- CONTRACTOR MUST SUBMIT A QUALITY CONTROL PLAN FOR FDOT REVIEW AND APPROVAL BEFORE OR AT THE REQUIRED PRE-WORK MEETING. QUALITY CONTROL TESTING SHALL BE PERFORMED BY FDOT CERTIFIED TECHNICIANS AND TESTING LABORATORY. ALL TEST RESULTS SHALL BE PROVIDED TO FDOT AS SOON AS PRACTICAL.
- SOD AREAS WITHIN 32" OF EDGE OF PAVEMENT & SLOPES GREATER THAN 1:3. OTHER DISTURBED AREAS MAY BE REPAIRED BY SEEDING OR HYDRO-SEEDING. SEE FDOT STANDARD PLANS INDEX 570-010 AND SECTION 570 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- ALL STRIPING WITHIN FDOT RIGHT OF WAY SHALL BE THERMOPLASTIC AND ADHERE TO FDOT STANDARD PLANS INDEX 711-001 AND SECTION 711 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION". STANDARD SPEC 711-4.1 STATES; "WAIT AT LEAST 14 DAYS AFTER CONSTRUCTING THE FINAL ASPHALT SURFACE COURSE TO PLACE THERMOPLASTIC PAVEMENT MARKINGS. INSTALLATION OF THERMOPLASTIC ON CONCRETE REQUIRES A CLEAN, DRY SURFACE. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR SURFACE PREPARATION FOR THERMOPLASTIC ON CONCRETE. PROVIDE TEMPORARY PAVEMENT MARKINGS DURING THE INTERIM PERIOD PRIOR TO OPENING THE ROAD.
- APPLY OR RECAP STANDARD THERMOPLASTIC PAVEMENT MARKINGS FOR LONGITUDINAL LINES TO ATTAIN A MINIMUM THICKNESS OF 0.10 INCH OR 100 MILS AND A MAXIMUM THICKNESS 0.15 INCH OR 150 MILS WHEN MEASURED ABOVE THE PAVEMENT SURFACE. MARKINGS OTHER THAN LONGITUDINAL LINES, WHEREVER LOCATED, WILL HAVE A THICKNESS OF 0.09 INCH OR 90 MILS TO 0.12 INCH OR 120 MILS WHEN MEASURED ABOVE THE PAVEMENT SURFACE.
- ALL LANE AND SHOULDER CLOSURES MUST BE REQUESTED IN WRITING AND APPROVED A MINIMUM OF 48 HOURS PRIOR TO WORK STARTING. ALLOW UP TO 2 WEEKS FOR LANE CLOSURE APPROVAL PROCESS. CONTACT LOCAL PERMIT OFFICE FOR MORE DETAILS AT 850-836-5790 OR 850-836-5742.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE SIDE-DRAIN PIPES AT PROPER ELEVATIONS TO MATCH THE FLOWLINE OF THE DRAINAGE DITCH (NOT SEDIMENT BUILD-UP) TO ENSURE POSITIVE STORMWATER FLOW.

**Legend:**

- POWER POLE
- BENCHMARK LOCATION
- FOUND IRON ROD/PIPE
- SET IRON ROD LB #7191
- ROAD SIGN
- SPOT ELEVATION
- OVERHEAD ELECTRICAL LINE
- HOG WIRE FENCE
- PROPERTY LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- MINOR CONTOUR (1' INTERVAL)
- MAJOR CONTOUR (5' INTERVAL)
- SECTION NUMBER
- C = CALCULATED
- D = DEED
- F = FIELD
- C/L = CENTERLINE
- R/W = RIGHT-OF-WAY
- P/L = PROPERTY LINE
- L.B. = LICENSED SURVEYING & MAPPING BUSINESS
- P.S.M. = PROFESSIONAL SURVEYOR & MAPPER
- TYP. = TYPICAL
- O.R. = OFFICIAL RECORDS BOOK
- PG. = PAGE
- EOP = EDGE OF PAVEMENT
- EX. = EXISTING
- CONC. = CONCRETE
- FIR = FOUND IRON ROD
- FCM = FOUND CONCRETE MONUMENT
- SIR = SET IRON ROD
- # = NUMBER
- FB = FIELD BOOK
- S.F. = SQUARE FEET
- LLC = LIMITED LIABILITY COMPANY
- & = AND
- SEAS = SEASIDE ENGINEERING & SURVEYING, LLC
- NAD = NORTH AMERICAN DATUM
- T3N = TOWNSHIP 3 NORTH
- R25W = RANGE 25 WEST
- TBM = TEMPORARY BENCHMARK
- REF = REFERENCE BEARING
- ELV. = ELEVATION
- ID. = IDENTIFICATION
- CCR = CERTIFIED CORNER RECORDS
- DOC = DOCUMENT

**PROPOSED LEGEND:**

- TREE PROTECTION
- TREE DEMOLITION
- SPOT ELEVATION
- CONTOUR
- SILT FENCING
- INLET PROTECTION
- ASPHALT
- CONCRETE
- GRAVEL
- TC = TOP OF CURB
- BC = BOTTOM OF CURB
- DRAINAGE
- DS = DOWNSPOUT
- MITRED END SECTION
- STORMWATER INLET
- STORMWATER PIPE
- LP = LOW POINT
- HEAT PUMP UNIT (SEE HVAC PLANS)
- NATURAL GAS VENT STACK
- HEAT PUMP UNIT (SEE HVAC PLANS)
- CONDENSING UNIT (SEE HVAC PLANS)
- ELECTRICAL TRANSFORMER (SEE ELECTRICAL PLANS)
- CLEANOUT
- BACKFLOW PREVENTER
- WATER METER
- FLAG POLE

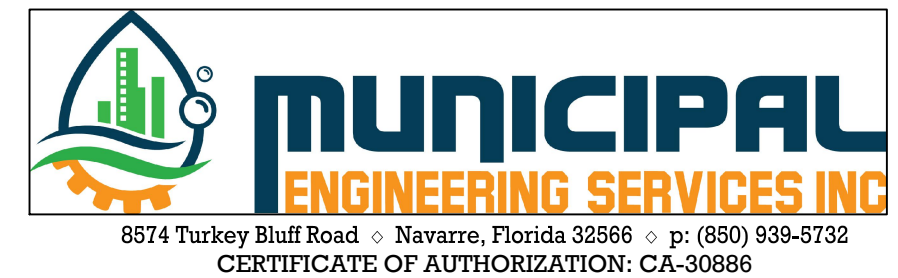
TOWNES + ARCHITECTS, P.A.  
ARCHITECTS - PLANNERS  
2421 NORTH 12<sup>th</sup> AVENUE, PENSACOLA, FL 32503  
PH: (850) 433-0203  
AA-26001051

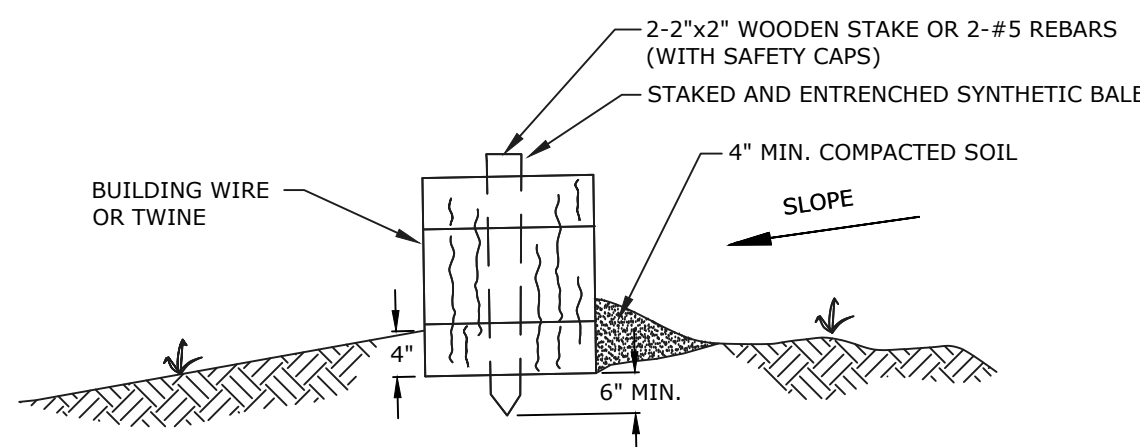
**GENERAL NOTES & LEGEND**

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA


Dale E. Long, P.E.

P.E. #55393	
CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL
<b>C-002</b>	
SHEET # 02 OF 19	

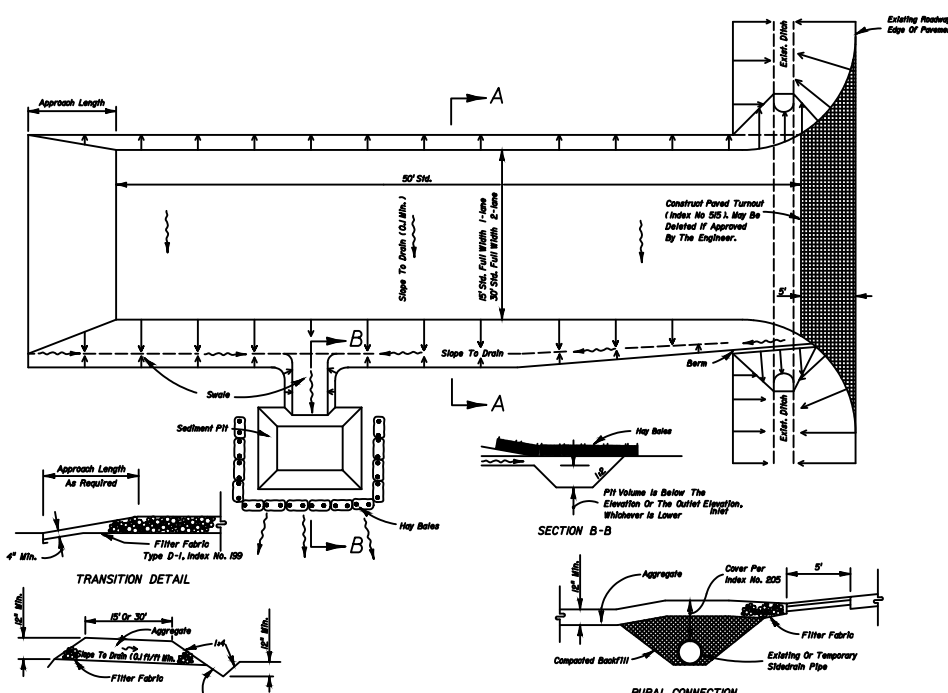




**SYNTHETIC HAY BALE DETAIL**  
NOT TO SCALE

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. ALL BALES SHALL BE SECURELY ANCHORED BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. CONTRACTOR SHALL WEDGE OR CHINK LOOSE STRAW BETWEEN BALES. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS NEEDED. SYNTHETIC BALE BARRIERS SHALL BE REMOVED AFTER THEY HAVE SERVED THEIR USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. SYNTHETIC BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

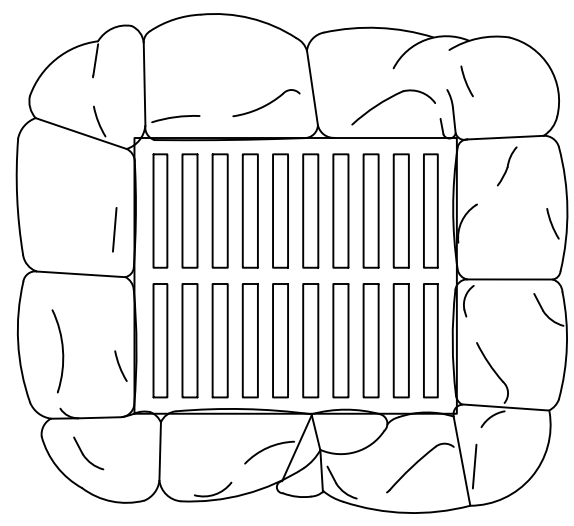
**SYNTHETIC HAY BALE DETAIL**  
NOT TO SCALE



**GENERAL NOTES:**

- A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED AT APPROPRIATE LOCATIONS FOR POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE CONSTRUCTION PROJECT SHALL BE DIRECTED THRU A STPD. BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STPD.
- ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STPD AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.
- AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 OF THE F.D.O.T. STANDARD SPECIFICATIONS EXCLUDING 901-2.3. AGGREGATES SHALL BE F.D.O.T. SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT AND ARE UNSUITABLE.
- THE SEDIMENT PIT SHOULD PROVIDE A RETENTION VOLUME OF 3600 CUBIC FEET/SQ. FT. OF SURFACE AREA DRAINING TO THE PIT. WHEN THE STPD IS ISOLATED FROM OTHER DRAINAGE AREAS, THE FOLLOWING PIT VOLUMES WILL SATISFY THIS REQUIREMENT:  
15'x50'=1500 FT<sup>3</sup>      30'x50'=2000 FT<sup>3</sup>
- AS AN OPTION TO THE SEDIMENT PIT, THE WIDTH OF THE SWALE BOTTOM CAN BE INCREASED TO OBTAIN THE VOLUME. WHEN THE SEDIMENT PIT OR SWALE IS USED, HAY BALES OR SILT FENCE SHALL BE PLACED ALONG THE ENTIRE LENGTH.
- THE SWALE DITCH DRAINING THE STPD SHALL HAVE A 0.2% MINIMUM AND A 1.0% MAXIMUM GRADE ALONG THE STPD AND TO THE SEDIMENT PIT.
- MITRED END SECTIONS ARE NOT REQUIRED WHEN THE SIDEDRAIN PIPE SATISFIES THE CLEAR ZONE REQUIREMENTS.
- THE STPD SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STPD SHALL BE RINSED (DAILY WHEN IN USE) TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STPD MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
- THE NOMINAL SIZE OF A STANDARD STPD IS 15'x 50' UNLESS OTHERWISE SHOWN IN THE PLANS. IF THE VOLUME OF ENTERING AND EXITING VEHICLES WARRANT, A 30' WIDTH STPD MAY BE USED IF APPROVED BY THE ENGINEER.

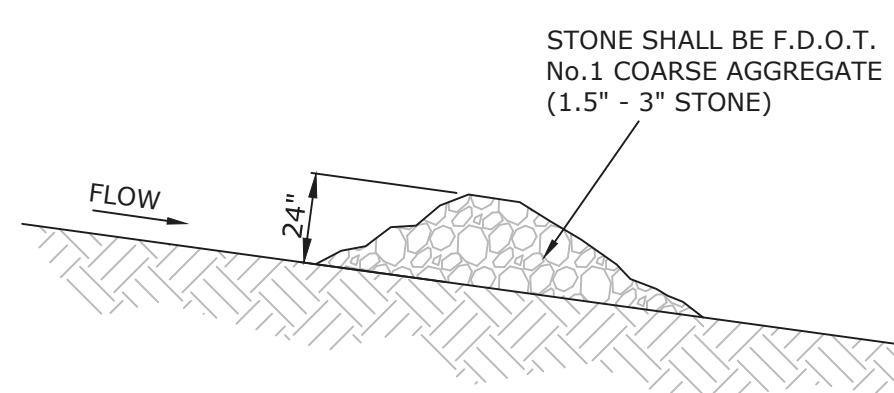
**SOIL TRACKING PREVENTION DEVICE (CONSTRUCTION EXIT)**  
NOT TO SCALE



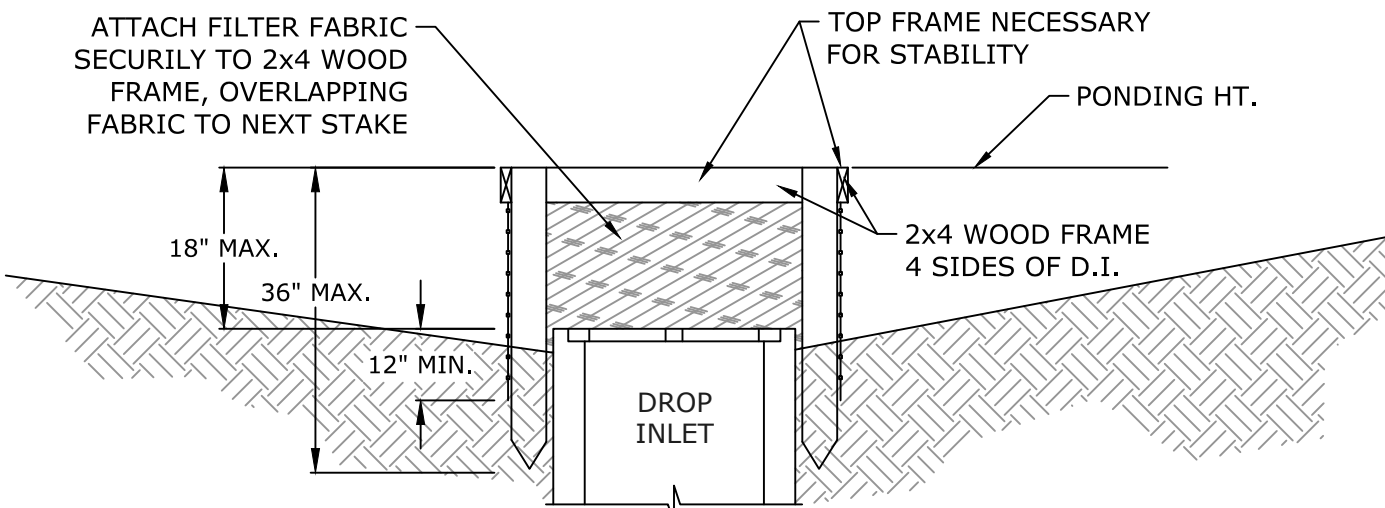
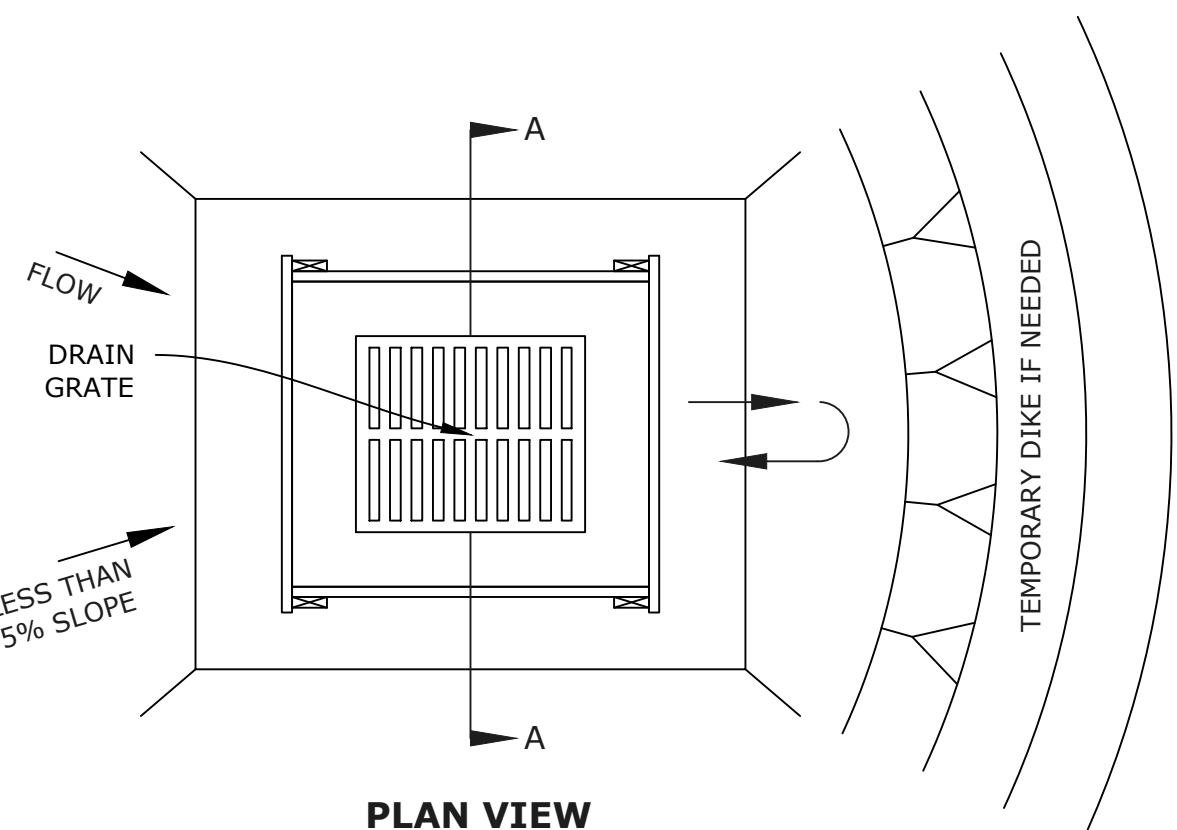
**NOTES:**

- THE FILTER SOCK SHOULD BE PLACED AROUND THE ENTIRE CIRCUMFERENCE OF THE DROP INLET AND SHOULD ALLOW FOR AT LEAST 1 FOOT OF OVERLAP ON EITHER SIDE OF THE OPENING BEING PROTECTED. STAKES SHOULD BE USED TO KEEP THE SOCK IN PLACE.
- UNDER LOW-FLOW CONDITIONS, A 9-INCH OR 12-INCH SOCK DIAMETER SHOULD SUFFICE.
- SEDIMENT WILL COLLECT AROUND THE OUTSIDE OF THE FILTER SOCK AND SHOULD BE REMOVED WHEN THE SEDIMENT REACHES ONE-HALF OF THE SOCK HEIGHT.
- FILTER FABRIC SHALL BE PLACED AND MAINTAINED UNDER THE GRATE.

**FILTER SOCK DROP INLET FILTER DETAIL**  
NOT TO SCALE



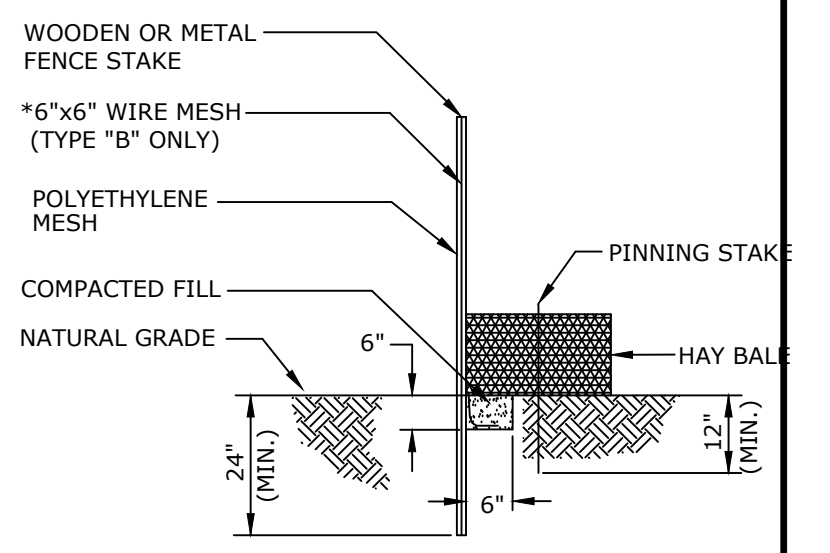
**STONE CHECK DAM DETAIL**  
NOT TO SCALE



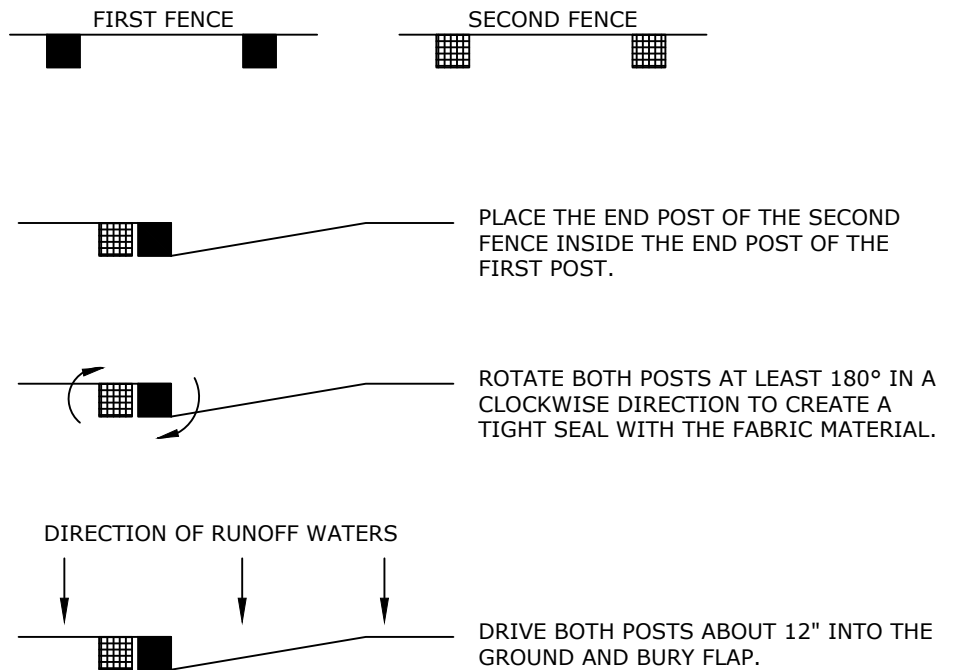
**NOTES:**

- DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS, (LESS THAN 5%).
- USE 2x4 WOOD OR EQUIVALENT METAL STAKES, (3 FT. MIN. LENGTH)
- INSTALL 2x4 WOOD TOP FRAME TO INSURE STABILITY.
- THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
- FILTER FABRIC SHALL BE PLACED AND MAINTAINED UNDER THE GRATE.

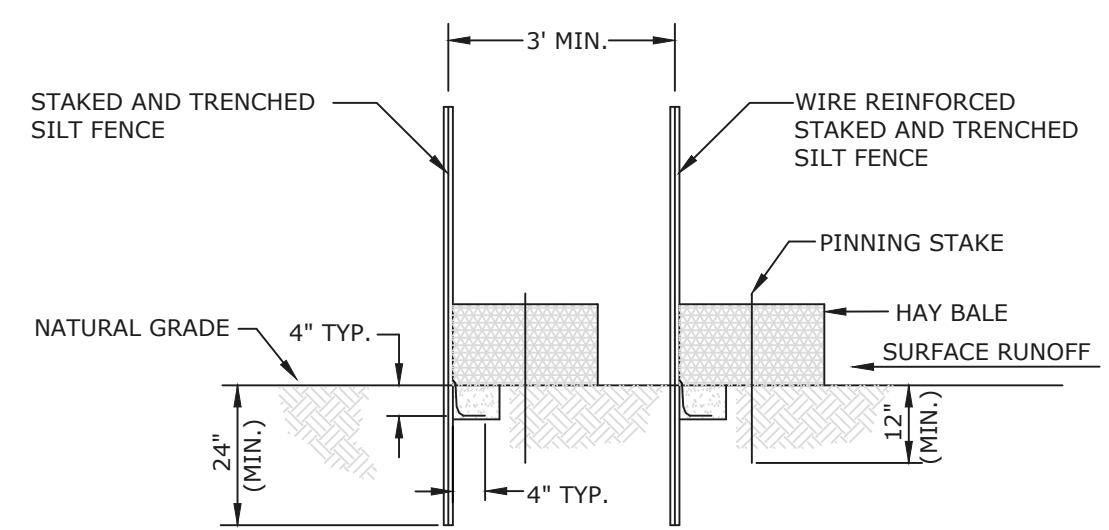
**SILT FENCE DROP INLET SEDIMENT BARRIER DETAIL**  
NOT TO SCALE



**SILT FENCE DETAIL**  
NOT TO SCALE



**BUTTING SILT FENCE DETAIL**  
NOT TO SCALE



**DOUBLE ROW STAKED SILT FENCE DETAIL**  
NOT TO SCALE

**EROSION AND SEDIMENT CONTROL NOTES:**

- FOR ALL PROJECTS WHICH DISTURB MORE THAN ONE ACRE OF AREA, THE CONTRACTOR IS WHOLLY RESPONSIBLE FOR PREPARING, SUBMITTING, AND ACQUIRING THE FDEP/NPDES PERMIT, INCLUDING THE REQUIRED STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT TO FDEP NO LESS THAN 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ENSURING THAT THE PROJECT COMPLIES WITH THE PERMIT CONDITIONS (INCLUDING THE REQUIRED NPDES INSPECTIONS AND DOCUMENTATION) AND APPLICABLE LOCAL, STATE, AND FEDERAL WATER QUALITY STANDARDS DURING CONSTRUCTION. THE CONSTRUCTION DOCUMENTS CONTAIN ONLY THE MINIMUM REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL. ANY AND ALL COSTS ASSOCIATED WITH OBTAINING THE NPDES PERMIT OR COMPLYING WITH THE PERMIT REQUIREMENTS SHALL BE BORNE BY THE CONTRACTOR.
- WHEN REQUIRED, THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SWPPP ACCORDING TO EPA/FDEP CRITERIA TO MINIMIZE EROSION AND ENSURE PROPER FUNCTIONING OF THE STORMWATER MANAGEMENT SYSTEM UPON COMPLETION OF CONSTRUCTION. IN ADDITION TO MEETING EPA/FDEP NPDES CRITERIA, THE SWPPP SHALL BE SUBMITTED TO AND COMPLY WITH ANY REQUIREMENTS OF THE LOCAL AGENCY HAVING JURISDICTION. A COPY OF THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE KEPT ON SITE AT ALL TIMES FOR REVIEW AS MAY BE REQUIRED.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND ALL REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT.
- CONTRACTOR SHALL EXECUTE ALL MEASURES AND IMPLEMENT ALL BEST MANAGEMENT PRACTICES NECESSARY TO LIMIT THE TRANSPORTATION OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT. THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MUST REMAIN IN SATISFACTORY OPERATION UNTIL THE PROJECT IS FULLY COMPLETED AND ACCEPTED AND UNTIL THE PERMANENT EROSION CONTROL MEASURES ARE ESTABLISHED AND CAPABLE OF PROVIDING EROSION AND SILTATION CONTROL. CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE ON TEMPORARY EROSION CONTROL MEASURES AT HIS EXPENSE. CONTRACTOR SHALL CONTINUALLY MONITOR WEATHER AND SITE CONDITIONS AND SHALL PROVIDE CONTINUOUS MONITORING OF EROSION AND SEDIMENT CONTROLS AND SHALL DOCUMENT ALL CORRECTIVE MEASURES.
- INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENTATION RESULTING FROM SURFACE RUNOFF UNTIL COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CAUSE SEDIMENT TO RUN OFF. FILTER FABRIC SHALL BE PLACED AND MAINTAINED UNDER THE GRATE AND FILTER SOCKS SHALL BE PLACED IN FRONT OF THE THROAT OF CURB INLETS DURING CONSTRUCTION AND SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT CONSTRUCTION.
- ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE SEEDED, FERTILIZED AND MULCHED, HYDROSEED, OR SODDED AS REQUIRED, UNLESS NOTED OTHERWISE. SOD PINS SHALL BE USED FOR ALL SOD PLACED ON SLOPES STEEPER THAN 3:1. AREAS OF ESTABLISHED SOD OR GROUND COVER SHALL BE REPLACED IN KIND TO MATCH THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION COMMENCEMENT.
- PERMANENT GRASSING SHALL BE INSTALLED AND MAINTAINED ON ALL EXPOSED SLOPES AND DISTURBED AREAS WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION, OR TURBID DISCHARGES. A VEGETATIVE COVER THAT STABILIZES AND PREVENTS EROSION SHALL BE ESTABLISHED WITHIN 60 DAYS OF PERMANENT GRASSING INSTALLATION. UPON ESTABLISHMENT OF A SUBSTANTIAL VEGETATIVE COVER, ALL TURBIDITY BARRIERS AND EROSION CONTROL MEASURES SHALL BE REMOVED.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE CONSISTENT WITH PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT SET FORTH IN SECTION 62-40.432, OF THE FLORIDA ADMINISTRATIVE CODE, AS WELL AS THE APPLICABLE STORMWATER OR ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF FDEP, THE APPLICABLE WATER MANAGEMENT DISTRICT, THE US ENVIRONMENTAL PROTECTION AGENCY AND THE GUIDELINES CONTAINED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (LATEST VERSION).
- TEMPORARY SEDIMENT CONTROL MEASURES INCLUDE, BUT ARE NOT LIMITED TO: SILT FENCING; CONSTRUCTION OF SEDIMENT CHECK DAMS; CONSTRUCTION EXITS, FLOATING TURBIDITY CURTAINS, FILTER SOCKS; SEEDING AND MULCHING, ETC. PERMANENT SEDIMENT CONTROL MEASURES INCLUDE BUT ARE NOT LIMITED TO: PERMANENT GRASSING; EROSION BLANKETS; RIP RAP, ETC. MINIMUM STABILIZATION MEASURES ARE DETAILED ON THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL INCLUDE ANY AND ALL MEASURES NECESSARY TO STABILIZE THE SITE, CONTROL EROSION, AND PREVENT SEDIMENT FROM ESCAPING THE SITE. THE CONTROL OF EROSION ON THE SITE COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION. TEMPORARY STABILIZATION MEASURES SHALL BE IN PLACE IMMEDIATELY FOLLOWING CLEARING, BACKFILLING AND/OR GRADING OPERATIONS.
- SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
- CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
- THE PROJECT WILL BE CONTINUALLY INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES OR WHEN DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, OR THE REQUIREMENTS OF THE LOCAL AGENCY HAVING JURISDICTION (AHJ).
- THE CONTRACTOR SHALL COMPLETE SITE RESTORATION AS THE PROJECT PROGRESSES.
- THE OWNER SHALL SEND A COPY OF THE FDEP/NPDES NOTICE OF INTENT TO THE LOCAL BUILDING DEPARTMENT UPON RECEIPT, AS APPLICABLE.
- THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN A CODE ENFORCEMENT VIOLATION.
- THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING TRACKING OF SOIL FROM THE SITE ONTO ADJACENT ROADWAYS. IN ADDITION TO THE INSTALLATION OF A CONSTRUCTION EXIT THE CONTRACTOR WILL BE RESPONSIBLE FOR SWEEPING ROADWAYS AS REQUIRED.
- CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO CONTROL TURBIDITY IN SURROUNDING WATERS INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING BODY OF WATER EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING THE BARRIERS AND ANY ACCUMULATED SILT AT THE COMPLETION OF CONSTRUCTION AND PERMANENT STABILIZATION. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS OF THE FLORIDA ADMINISTRATIVE CODE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF DUST AND OTHER AIRBORNE POLLUTANTS DURING CONSTRUCTION. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AT THE CONTRACTOR'S DISCRETION.

TOWNES + ARCHITECTS, P.A.  
ARCHITECTS - PLANNERS  
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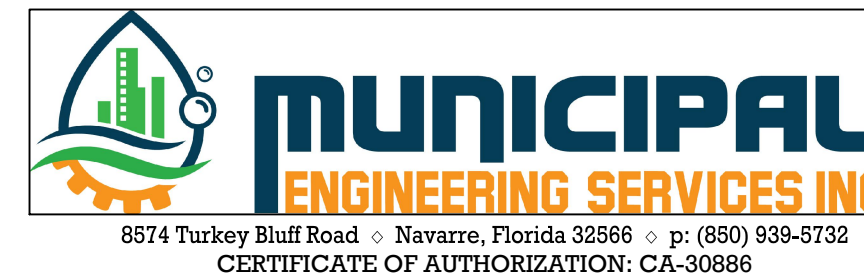
EROSION & SEDIMENT CONTROL DETAILS & GENERAL NOTES

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

Revision	

Dale E. Long, P.E.

P.E. #55393  
CONSTRUCTION DOCS  
Scale: AS NOTED  
Date: 12.18.2023  
Drawn: EMD  
Checked: DEL  
**C-003**  
SHEET # 03 OF 19



R:\MES\2021\12\0005 HFD NEW FIRE STATION\DWGS\015 C-003 EROSION & SEDIMENT CONTROL NOTES & DETAILS.DWG

R:\MES\2021\12\0005 HFD NEW FIRE STATION\DWG\SHEETS\018 C-004 FDOT 1320 SURVEY.DWG



MATCHLINE  
(SEE BOTTOM LEFT FOR CONTINUATION)

TOWNES + ARCHITECTS, P.A.  
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2421 NORTH 12<sup>th</sup> AVENUE, PENSACOLA, FL 32503  
PH: (850) 433-0203 AA-26001051

FDOT 1320' AERIAL

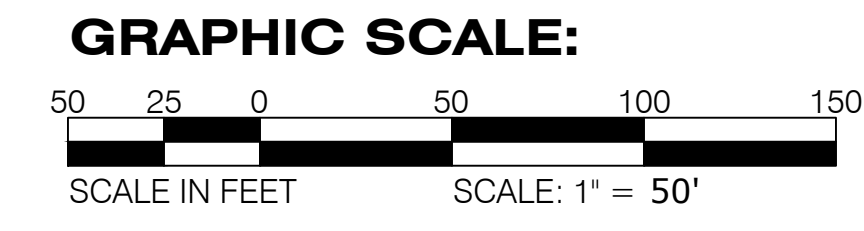
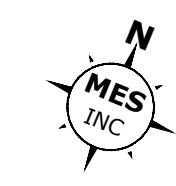
HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA


Dale E. Long, P.E.

P.E. #55393



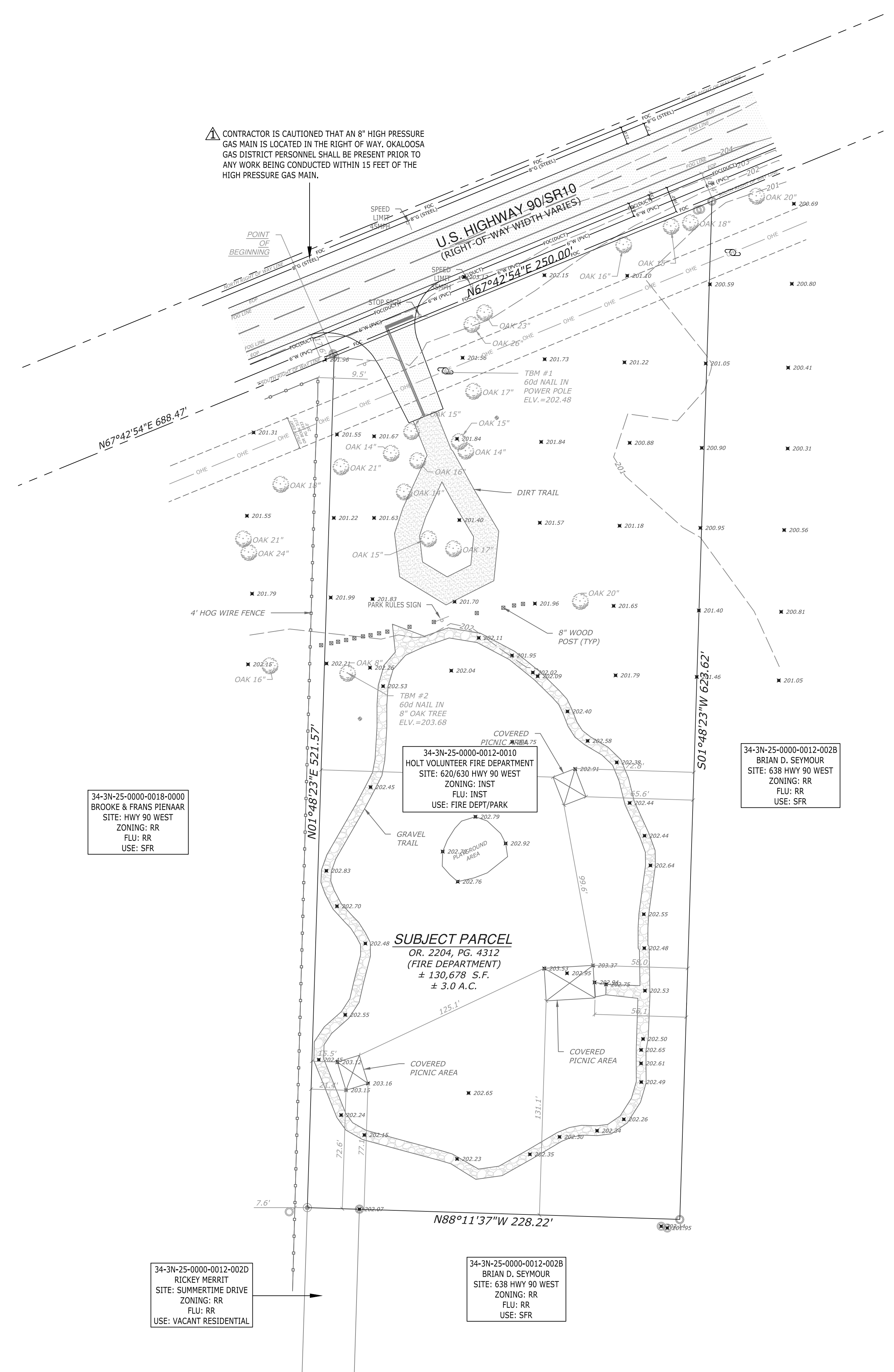
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CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL

**C-004**  
SHEET # 04 OF 19

R:\MES\2021\12\0005 HFD NEW FIRE STATION\DWGS\020 C-100 EXISTING CONDITIONS.DWG



CONTRACTOR IS CAUTIONED THAT AN 8" HIGH PRESSURE GAS MAIN IS LOCATED IN THE RIGHT OF WAY, OKALOOSA GAS DISTRICT PERSONNEL SHALL BE PRESENT PRIOR TO ANY WORK BEING CONDUCTED WITHIN 15 FEET OF THE HIGH PRESSURE GAS MAIN.

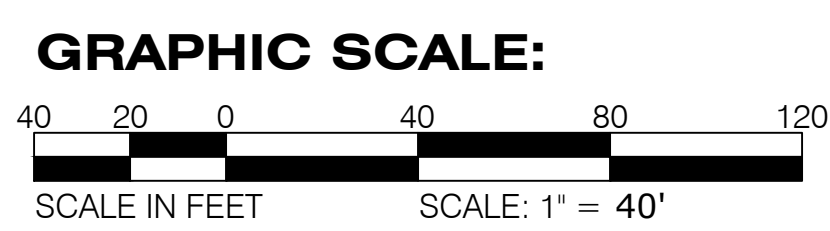
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BROOKE & FRANS PIENAAR  
SITE: HWY 90 WEST  
ZONING: RR  
FLU: RR  
USE: SFR

34-3N-25-0000-0012-0010  
HOLT VOLUNTEER FIRE DEPARTMENT  
SITE: 620/630 HWY 90 WEST  
ZONING: INST  
FLU: INST  
USE: FIRE DEPT/PARK

34-3N-25-0000-0012-0028  
BRIAN D. SEYMOUR  
SITE: 638 HWY 90 WEST  
ZONING: RR  
FLU: RR  
USE: SFR

34-3N-25-0000-0012-0020  
RICKY MERIT  
SITE: SUMMERTIME DRIVE  
ZONING: RR  
FLU: RR  
USE: VACANT RESIDENTIAL

34-3N-25-0000-0012-0028  
BRIAN D. SEYMOUR  
SITE: 638 HWY 90 WEST  
ZONING: RR  
FLU: RR  
USE: SFR



**Legal Description:**

"AS FURNISHED"- OFFICIAL RECORDS BOOK 2204, PAGE 4313 OF THE PUBLIC RECORDS OF OKALOOSA COUNTY, FLORIDA. COMMENCING AT A CONCRETE MONUMENT MARKING THE SOUTHWEST CORNER OF THE SOUTHWEST ONE-QUARTER OF SECTION 34, TOWNSHIP 3 NORTH, RANGE 25 WEST, OKALOOSA COUNTY, PROCEED NORTH ALONG THE WEST LINE OF SAID SOUTHWEST ONE-QUARTER TO A POINT ON THE SOUTHERLY MAINTENANCE LINE OF U.S. HIGHWAY NO. 90 (RIGHT OF WAY UNKNOWN), THENCE NORTH 65 DEGREES 20' 17" EAST 688.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 65 DEGREES 20' 17" 250.00 FEET ALONG MAINTENANCE LINE, THENCE DEPARTING MAINTENANCE LINE PROCEED SOUTH 00 DEGREES 34'14" EAST 623.62 FEET, THENCE SOUTH 89 DEGREES 25' 46" WEST 228.22 FEET, THENCE NORTH 00 DEGREES 34' 14" WEST 521.57 FEET TO THE POINT OF BEGINNING. CONTAINS 3.00 ACRES, MORE OR LESS.

**Flood Statement:**

THIS PROJECT IS LOCATED ON THE NATIONAL FLOOD INSURANCE RATE MAP NUMBER 12091C0250H (COMMUNITY PANEL NO. 120173 0250 H) EFFECTIVE DATE DECEMBER 6, 2002 AND FIND THE ABOVE PROPERTY TO BE IN ZONE X.

**Survey Notes:**

- SEASIDE ENGINEERING AND SURVEYING, LLC (SEAS) HAS NOT BEEN PROVIDED A TITLE OPINION OR ABSTRACT OF THE PROPERTY SHOWN HEREON, NOR HAS SEAS PERFORMED A SEARCH OF THE PUBLIC RECORDS OF OKALOOSA COUNTY, FLORIDA.
- BEARINGS ARE STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, NORTH AMERICAN DATUM 1983 (NAD 83) AND ARE REFERENCED TO THE WEST LINE OF SECTION 34, TOWNSHIP 3 NORTH, RANGE 25 WEST, OKALOOSA COUNTY, FLORIDA HAVING A FIELD BEARING OF N01°51'39"E.
- BEARINGS AND DISTANCES SHOWN HEREON REPRESENT FIELD MEASUREMENTS UNLESS OTHERWISE NOTED.
- THERE MAY BE ADDITIONAL RESTRICTIONS AND EASEMENTS NOT SHOWN ON THIS DRAWING THAT MAY BE FOUND IN THE PUBLIC RECORDS OF OKALOOSA COUNTY, FLORIDA.
- UNDERGROUND ENCROACHMENTS, IF ANY, WERE NOT LOCATED.
- SURVEY DATA DEPICTED HEREON WHICH IS OUTSIDE OF THE DESCRIBED PROPERTY DOES NOT IMPLY OWNERSHIP AND IS SHOWN STRICTLY FOR INFORMATIONAL PURPOSES ONLY.
- GRAPHICAL REPRESENTATION OF UTILITIES, SIGNAGE, AND SURVEY MONUMENTS MAY BE EXAGGERATED IN SCALE FOR CLARITY.
- SCOPE OF WORK - BOUNDARY SURVEY OF ENTIRE PARCEL, TOPOGRAPHIC SURVEY OF THE NORTH 1 ACRE MORE OR LESS WITH 50' GRID INTERVAL.
- TOPOGRAPHIC GRID WAS SURVEYED AT A 50' BY 50' GRID. CONTOUR INTERVALS SHOWN HEREON ARE: MINOR CONTOURS (1' INTERVAL) AND MAJOR CONTOURS (5' INTERVAL)
- A FOUR HOUR GLOBAL POSITIONING SYSTEM (GPS) WAS OBSERVED ON SEPTEMBER 09, 2020 TO ESTABLISH GEODETIC CONTROL AT THE SITE. THE GPS DATA WAS PROCESSED USING NATIONAL GEODETIC SURVEY (NGS) ONLINE POSITIONING USER SERVICE (OPUS), CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) ALAN ANDALUSIA, ALABAMA; ALRE REPTON, ALABAMA; AND ALFO FOLEY, ALABAMA WERE USED IN PROCESSING TO DERIVE STATE PLANE COORDINATES FOR THE SURVEY CONTROL.
- ELEVATIONS DEPICTED HEREON ARE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88), REFERENCED TO THE STATIONS LISTED IN NOTE #10.

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ARCHITECTS - PLANNERS  
2421 NORTH 12<sup>TH</sup> AVENUE, PENSACOLA, FL 32503  
PH: (850) 433-0203  
AA-26001051

EXISTING CONDITIONS

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

NO.	PERMITTING COMMENTS	DATE
01		12-22-24

Dale E. Long, P.E.

P.E. #55393	
CONSTRUCTION DOCS	
Scale: AS NOTED	
Date: 12.18.2023	
Drawn: EMD	Checked: DEL
<b>C-101</b>	
SHEET # 05 OF 19	

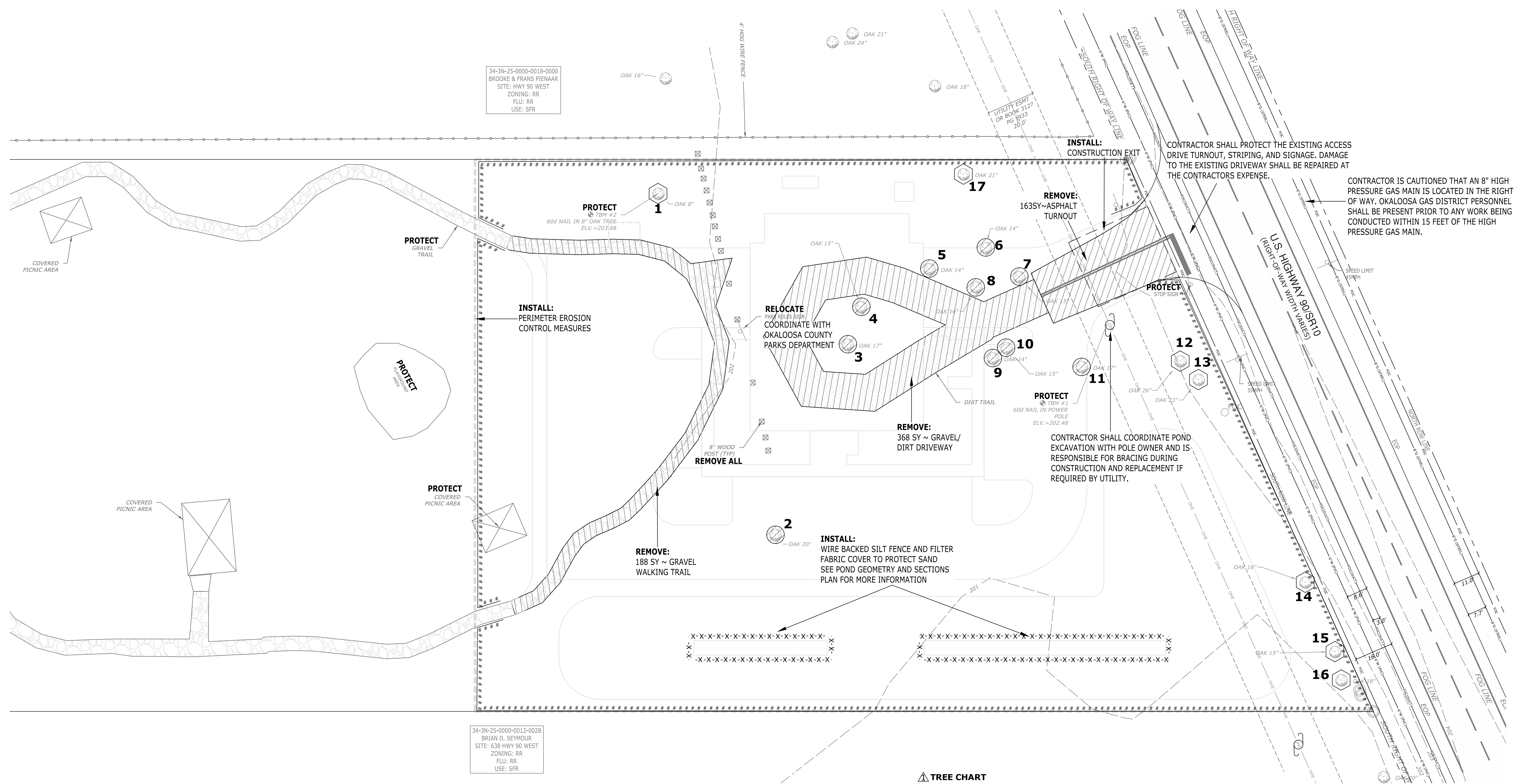


PERMITTING COMMENTS	01-22-24
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Dale E. Long, P.E.

P.E. #55393

CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL
<b>C-102</b>	
SHEET #06 OF 19	



▲ TREE CHART

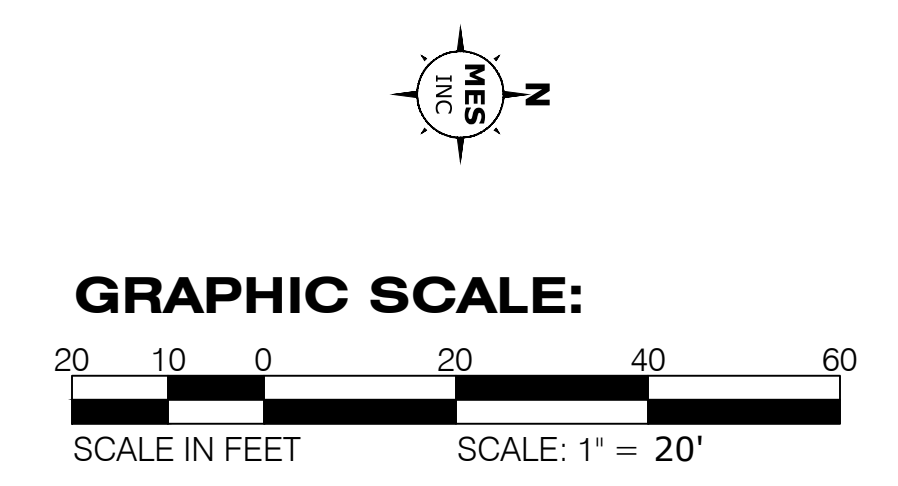
TREE NO.	COMMON NAME	DIAMETER AT DBH (Inches)	TO BE REMOVED	TREES REMOVED	TREE CREDITS
1	OAK	8	NO	0	2
2	OAK	20	YES	1	0
3	OAK	17	YES	1	0
4	OAK	15	YES	1	0
5	OAK	14	YES	1	0
6	OAK	14	YES	1	0
7	OAK	15	YES	1	0
8	OAK	16	YES	1	0
9	OAK	14	YES	1	0
10	OAK	15	YES	1	0
11	OAK	17	YES	1	0
12	OAK	26	NO	0	5
13	OAK	23	NO	0	4
14	OAK	16	NO	0	3
15	OAK	15	NO	0	3
16	OAK	18	NO	0	3
17	OAK	21	NO	0	4

OKALOOSA COUNTY LDC 6.05.032 REQUIRES THAT TREE MITIGATION EQUALS 1:1 TREE MITIGATION FOR EACH PROTECTED TREE REMOVED.

TOTAL TREES REMOVED =	10	TREES REQUIRED TO BE REPLACED	10
IMPERVIOUS AREA PROPOSED =	30,837 SF	PER LDC 6.05.031	1 TREE PER 4300 SF IMPERVIOUS PER LDC 6.05.031
NO. TREES REQUIRED TO BE PRESERVED (PER LDC 6.05.03) =	7		
ON-SITE TREE CREDITS =	24		
TREE CREDITS REMAINING =	14		

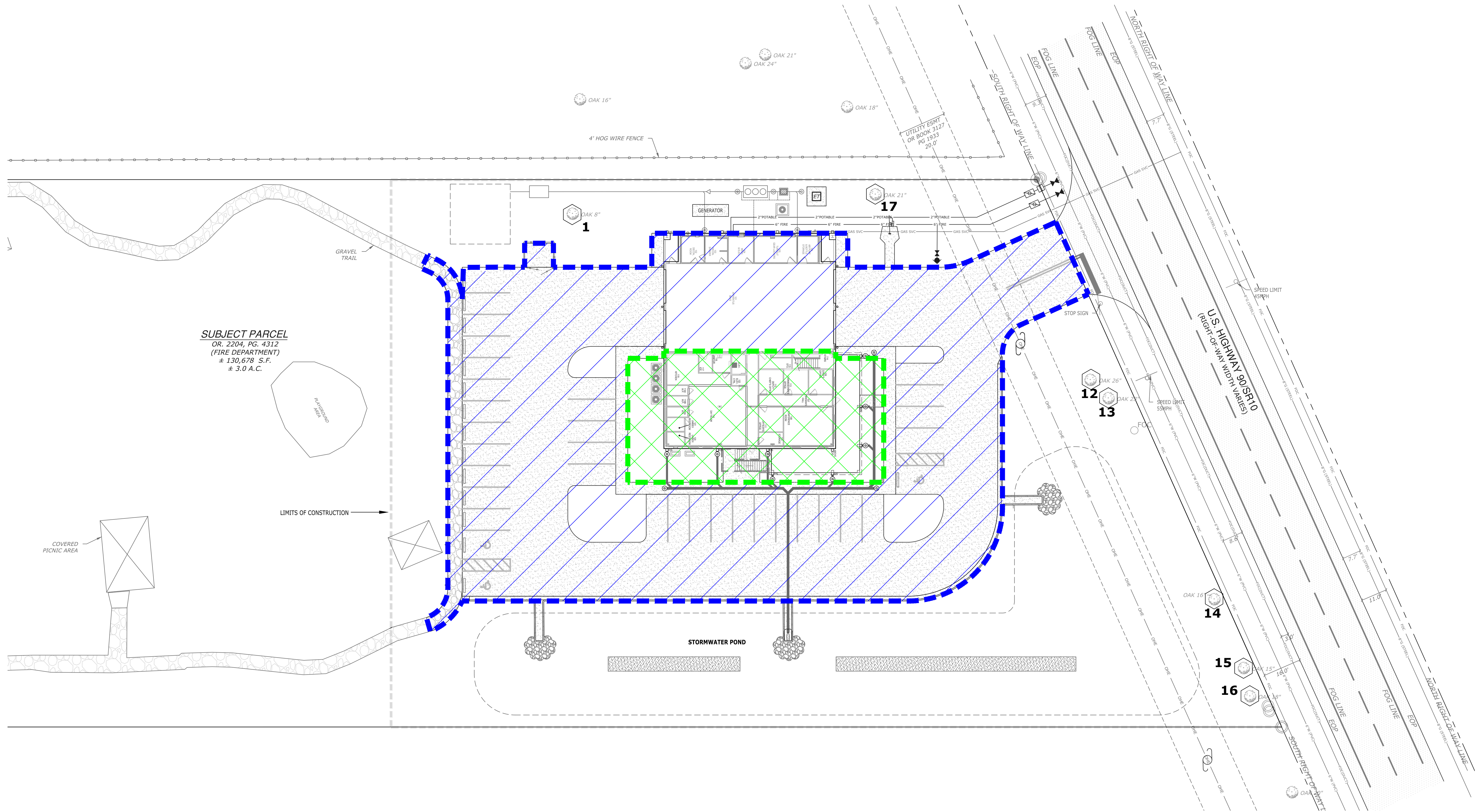
- DEMOLITION AND CLEARING NOTES:**
- TREES SLATED FOR PROTECTION SHALL BE MARKED AND TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. NO PROTECTED TREES SHALL BE REMOVED, DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
  - NO GRADING OR CLEARING BY, OR STORAGE OF HEAVY EQUIPMENT SHALL OCCUR WITHIN THE DRIP LINE OF PROTECTED TREES OR WITHIN ENVIRONMENTALLY SENSITIVE AREAS.
  - TREE PROTECTION BARRICADES OR EQUIVALENT PROTECTIVE MEASURES WILL BE CONSTRUCTED ACCORDING TO THE LOCAL JURISDICTION'S CRITERIA FOR TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION.
  - CONTRACTOR SHALL TAKE EXTREME CARE TO REMOVE ONLY TREES AND VEGETATION ABSOLUTELY NECESSARY FOR THE CONSTRUCTION OF THIS WORK. LANDSCAPE SHRUBS AND TREES THAT ARE REMOVED AS PART OF THIS WORK, SHALL BE REPLANTED AFTER CONSTRUCTION, IF POSSIBLE. IF LANDSCAPE SHRUBS OR TREES CANNOT BE REPLANTED, THE CONTRACTOR SHALL PROVIDE NEW LANDSCAPE SHRUBS OR TREES EQUAL TO OR BETTER THAN THOSE REMOVED IN SIZE AND NATURE.
  - ALL TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED AROUND EACH PROTECTED TREE SHOWN TO REMAIN ON SITE AND PRIOR TO ANY SITE DISTURBANCE. TREE PROTECTION MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND THE SITE IS STABILIZED.
  - THE CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES THAT ARE TO BE SAVED, WHETHER SHOWN ON THE PLANS OR DESIGNATED IN THE FIELD
  - ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT UNNECESSARY TREE REMOVAL.
  - TRENCHING FOR PROPOSED UTILITY IMPROVEMENTS WITHIN THE DRIP LINE OF SPECIMEN TREES TO REMAIN, WILL REQUIRE THE ADVANCED PRE-TREATMENT OF EACH IMPACTED TREE BY A QUALIFIED ARBORIST OR THE LANDSCAPE ARCHITECT TO MINIMIZE THE POTENTIALLY ADVERSE IMPACTS OF CONSTRUCTION. HAND DIGGING MAY BE REQUIRED WITHIN THE DRIP LINE OF PROTECTED TREES.
  - IN AREAS REQUIRING FILL MATERIAL, THE CONTRACTOR SHALL STRIP OR OTHERWISE REMOVE ALL VEGETATION SUCH AS BRUSH, HEAVY SOD, HEAVY GROWTH OF GRASS, DECAYED VEGETATION MATTER, RUBBISH AND ANY OTHER DELETERIOUS MATERIAL BEFORE EMBANKMENT IS PLACED. IMMEDIATELY PRIOR TO THE PLACING OF FILL MATERIAL, THE ENTIRE AREA UPON WHICH FILL IS TO BE PLACED, SHALL BE SCARIFIED IN A DIRECTION APPROXIMATELY PARALLEL TO THE AXIS OF FILL. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE AREA PRIOR TO THE PLACEMENT OF FILL.

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CLEARLY DESIGNATE THE LIMITS OF CONSTRUCTION ON-SITE. THE CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE THE LIMITS OF CONSTRUCTION. IN AREAS WHERE NO WORK IS PROPOSED THE CONTRACTOR SHALL PROTECT THE TOPOGRAPHY, THE SOIL, AND THE VEGETATION.
- WHERE DEMOLITION REQUIREMENTS LEAVE OPEN TRENCHES, PITS OR OTHER VOIDS, PROVIDE CLEAN FILL AND COMPACTION PER THE SPECIFICATIONS, THE GEOTECHNICAL REPORT OR OTHER REQUIREMENTS.
- REMOVAL OF EXISTING PAVED SURFACES INCLUDES REMOVAL OF EXISTING BASE OR SOIL MATERIALS SUFFICIENTLY TO CONSTRUCT THE NEW SURFACE IN ACCORDANCE WITH THE CONSTRUCTION PLANS.
- ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN. REMAINING EDGES SHALL BE PROTECTED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS WHILE REMOVING OR REPAIRING ANY EXISTING STORM DRAINS OR SWALES.
- CONTRACTOR SHALL ROUGH IN STORMWATER POND(S) IMMEDIATELY FOLLOWING CLEARING AND PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
- EXCAVATED MATERIALS (SPOILS) SHALL BE DISPOSED OF AS REQUIRED IN UPLAND AREAS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. IF SPOILS ARE TO BE STORED ON SITE EITHER TEMPORARILY OR PERMANENTLY, THE STORAGE LOCATION SHALL BE AN UPLAND AREA APPROVED BY THE OWNER AND ENGINEER. THE SPOILS SHALL BE PREVENTED FROM ERODING WITH THE USE OF SILT FENCING AND GRASSING AS APPROPRIATE.
- RELOCATION OF PARK AMENITIES SHALL BE COORDINATED WITH OKALOOSA COUNTY PARKS AND RECREATION.
- PARK CLOSURE DURING CONSTRUCTION SHALL BE COORDINATED WITH OKALOOSA COUNTY PARKS & RECREATION.
- TEMPORARY BENCHMARK RELOCATION (AS REQUIRED) SHALL BE COMPLETED PRIOR TO CONSTRUCTION BEGINNING.



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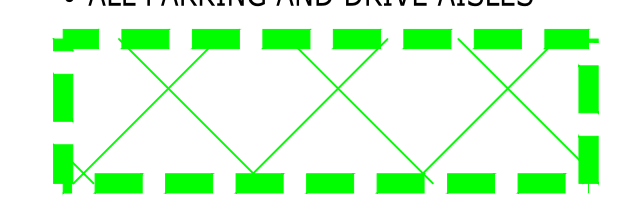
**SUBJECT PARCEL**  
 OR. 2204, PG. 4312  
 (FIRE DEPARTMENT)  
 ± 130,678 S.F.  
 ± 3.0 A.C.

BASE BID:



- ALL SITE UTILITIES (EXCLUDING GAS)
- ALL STORMWATER INFRASTRUCTURE
- HIGHLIGHTED CIVIL INFRASTRUCTURE
- ALL PARKING AND DRIVE AISLES

ALTERNATE 1:



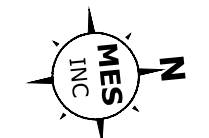
- HIGHLIGHTED CIVIL INFRASTRUCTURE
- NATURAL GAS CONNECTION AND SERVICE LINE

ALTERNATE 2: BUILDING CONSTRUCTION RELATED (SEE ARCHITECTURAL PLANS)

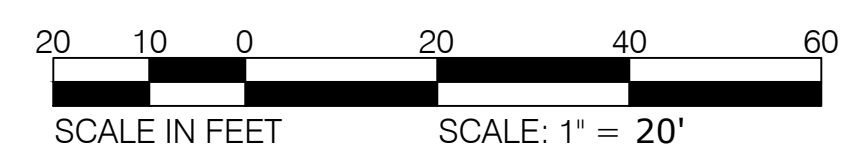
ALTERNATE 3: BUILDING CONSTRUCTION RELATED (SEE ARCHITECTURAL PLANS)

**NOTES:**

- CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS FOR ADDITIONAL INFORMATION REGARDING THE BASE BID AND ALTERNATES.



**GRAPHIC SCALE:**



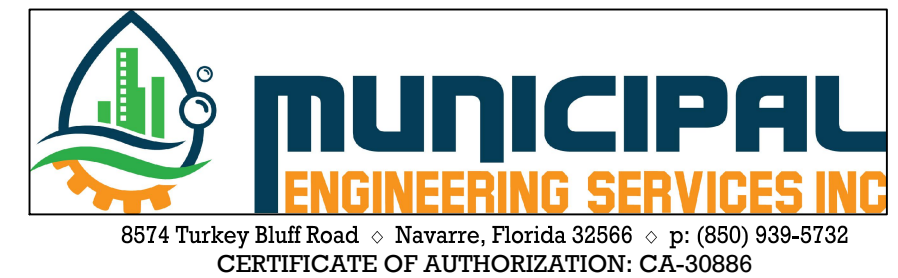
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**BID ALTERNATES PLAN**

**HOLT FIRE DISTRICT  
 CENTRAL FIRE STATION #1  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA**

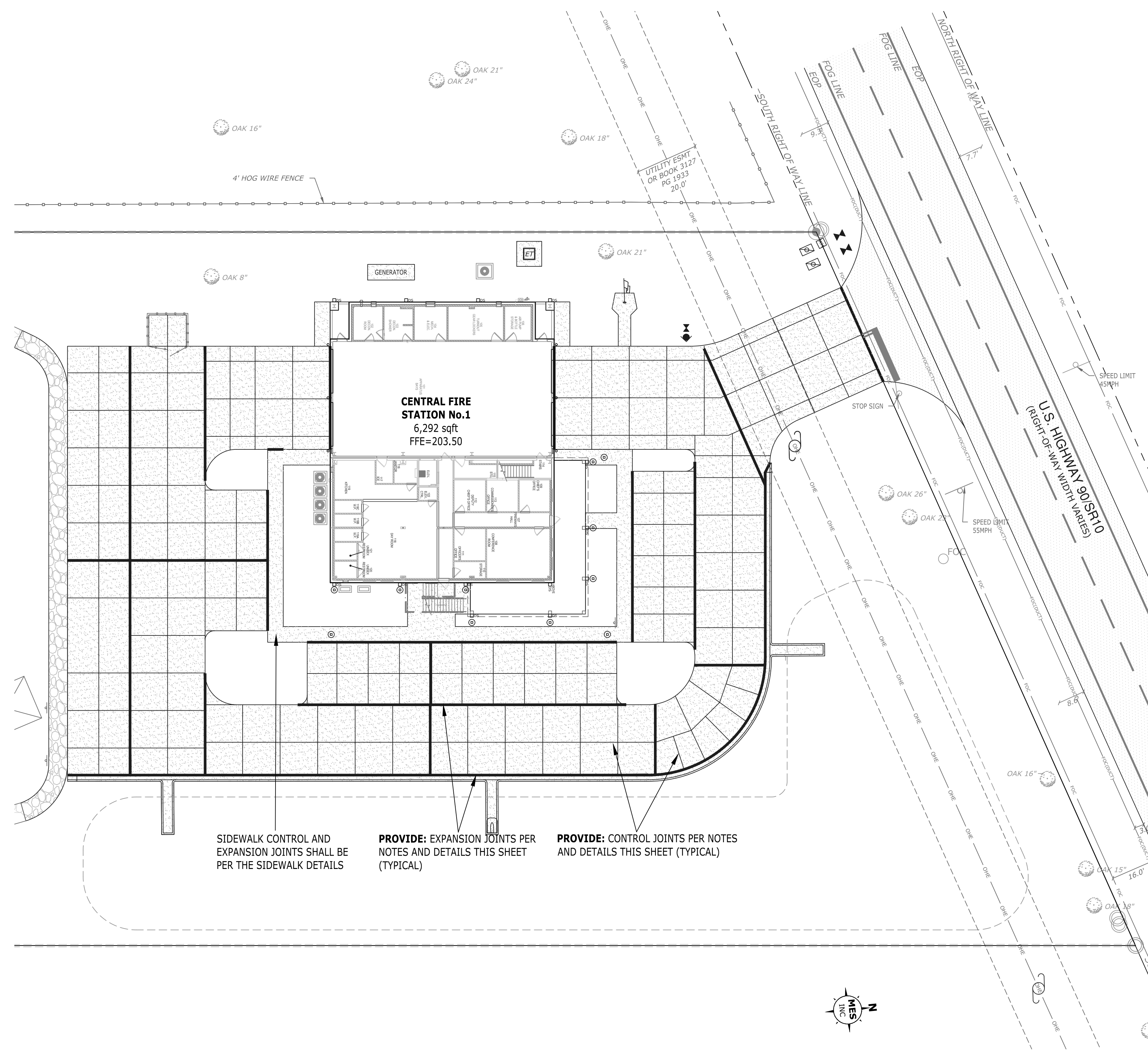

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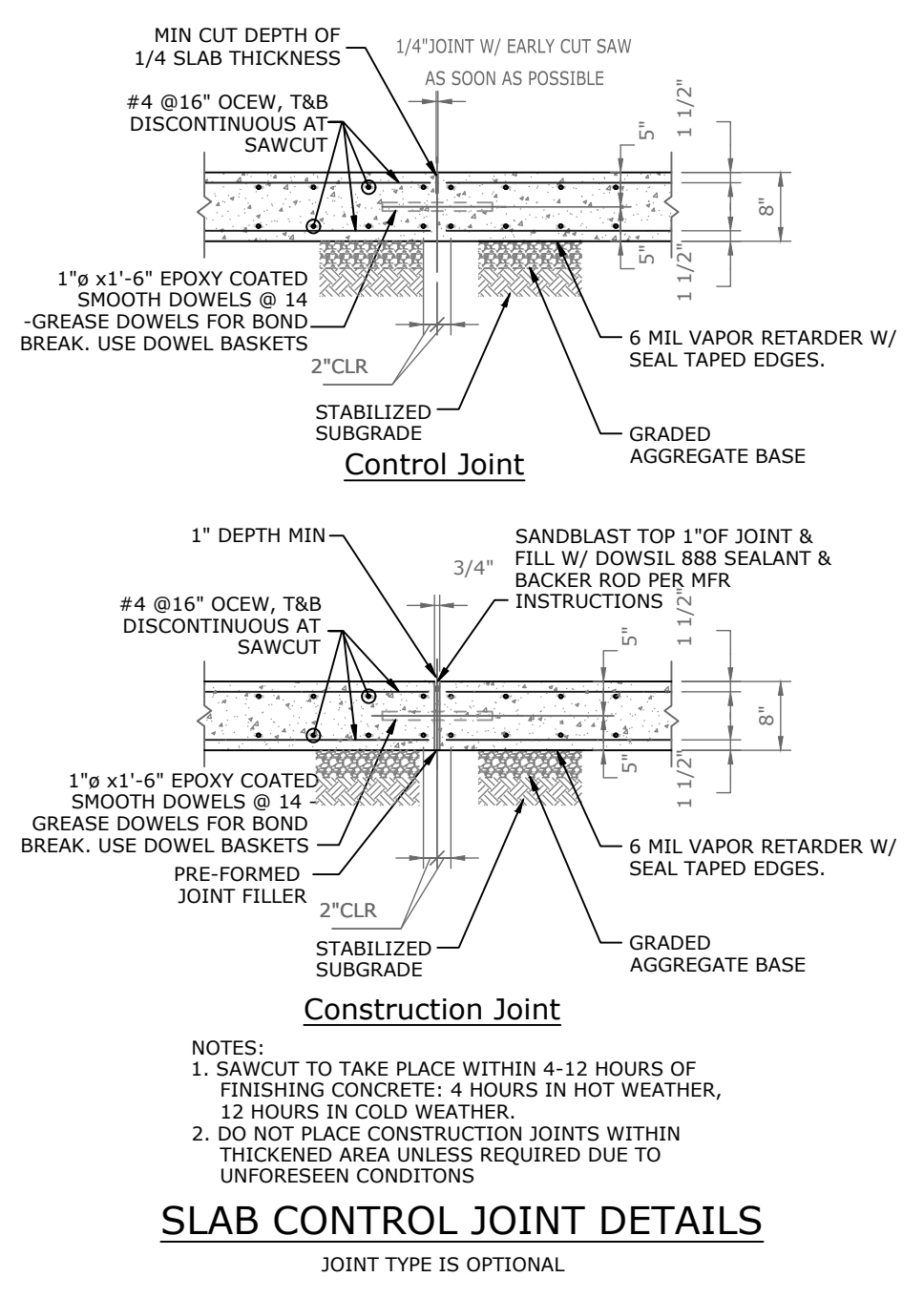
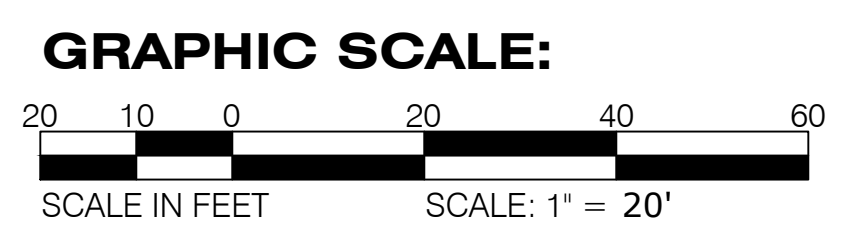




SIDEWALK CONTROL AND EXPANSION JOINTS SHALL BE PER THE SIDEWALK DETAILS

PROVIDE: EXPANSION JOINTS PER NOTES AND DETAILS THIS SHEET (TYPICAL)

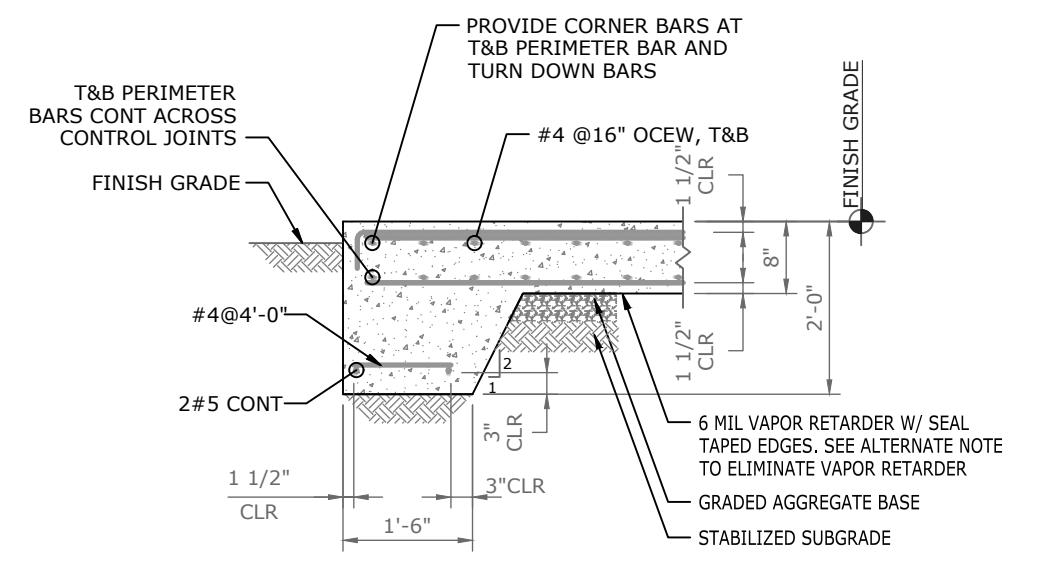
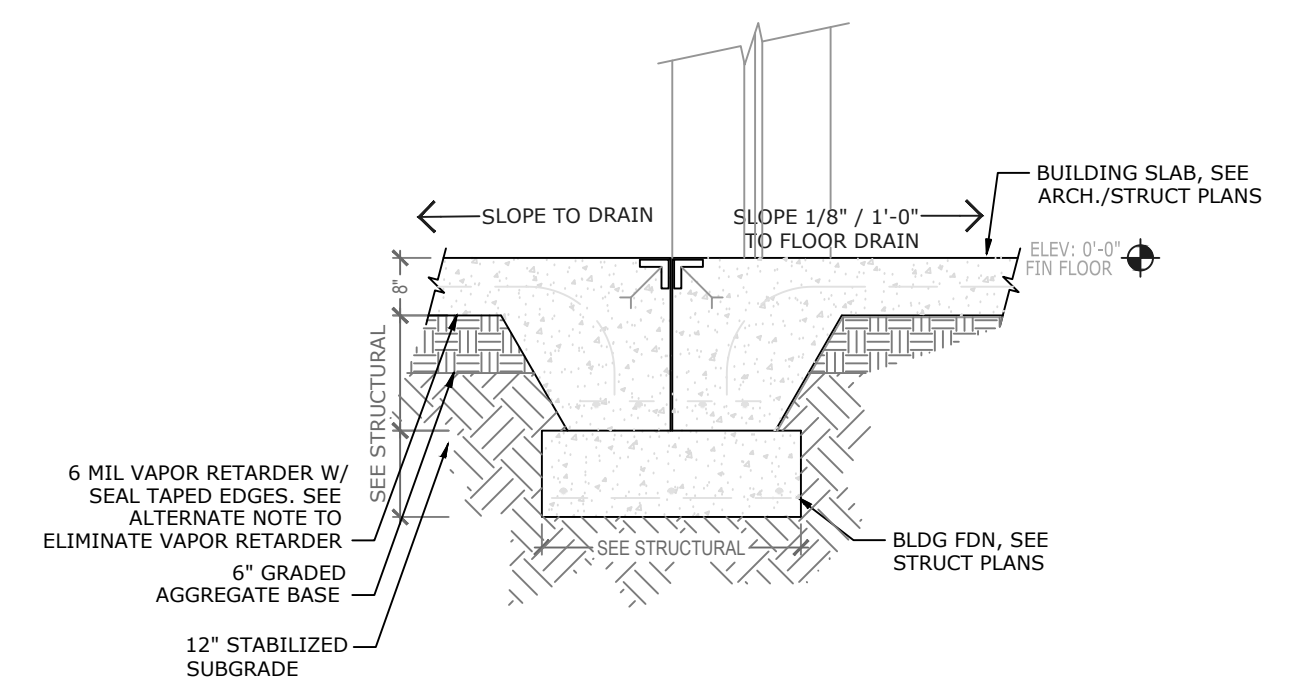
PROVIDE: CONTROL JOINTS PER NOTES AND DETAILS THIS SHEET (TYPICAL)



**Tension Lap Splice Lengths**

BAR SIZE	$f_c = 4000$			
	TOP BARS		OTHER BARS	
	A	B	A	B
#3	19"	24"	15"	19"
#4	25"	32"	19"	25"
#5	31"	40"	24"	31"
#6	37"	48"	29"	37"

TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINFORCEMENT.



- NOTES:**
- ALL CONCRETE PAVING SHALL BE 8" THICK UNLESS OTHERWISE NOTED.
  - 1/2" FELT EXPANSION JOINTS SHALL BE PROVIDED AROUND THE PERIMETER OF THE CONCRETE PAVING AS SHOWN.
  - CONTROL JOINTS SHALL BE 1/2" WIDE BY 2 3/8" DEEP AND INSTALL IN 12'x 12' GRID (MAXIMUM) PER THE GEOTECHNICAL REPORT AND AS SHOWN.
  - EXPANSION AND CONTROL JOINTS FOR CONCRETE CURBING AND SIDEWALK SHALL BE PER THE TYPICAL DETAILS AND GEOTECHNICAL REPORT.
  - CONTRACTOR SHALL REFER TO GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION REGARDING RIGID PAVEMENT SECTION DESIGN.
  - CONCRETE IS TO BE NORMAL WEIGHT CONCRETE WITH A MAXIMUM W/C RATIO OF 0.50 AND A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
  - UTILIZE RUSTPROOF CHAIRS THAT WILL PREVENT SUBSIDENCE INTO THE SUBGRADE DURING CONCRETE PLACEMENT. IF CONCRETE BRICK IS UTILIZED, IT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
  - CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.
  - REINFORCING BARS: ASTM A615 GRADE 60. SPLICES SHALL BE CLASS "B" TENSION LAP SPlice, UNLESS NOTED.
  - REINFORCING MARKED "CONTINUOUS" SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPlice, UNLESS NOTED.
  - 6" GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) LBR=100.
  - 12" STABILIZED SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 98% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM-1557) MIN LBR=40.
  - REINFORCEMENT WITHIN THE CONCRETE DRIVEWAY/PARKING SHALL MATCH THE REINFORCEMENT REQUIRED FOR THE CONCRETE SLAB (SEE STRUCTURAL).

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**CONCRETE JOINT PLAN**

**HOLT FIRE DISTRICT**  
**CENTRAL FIRE STATION #1**  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

Revisions	

Dale E. Long, P.E.

P.E. #55393

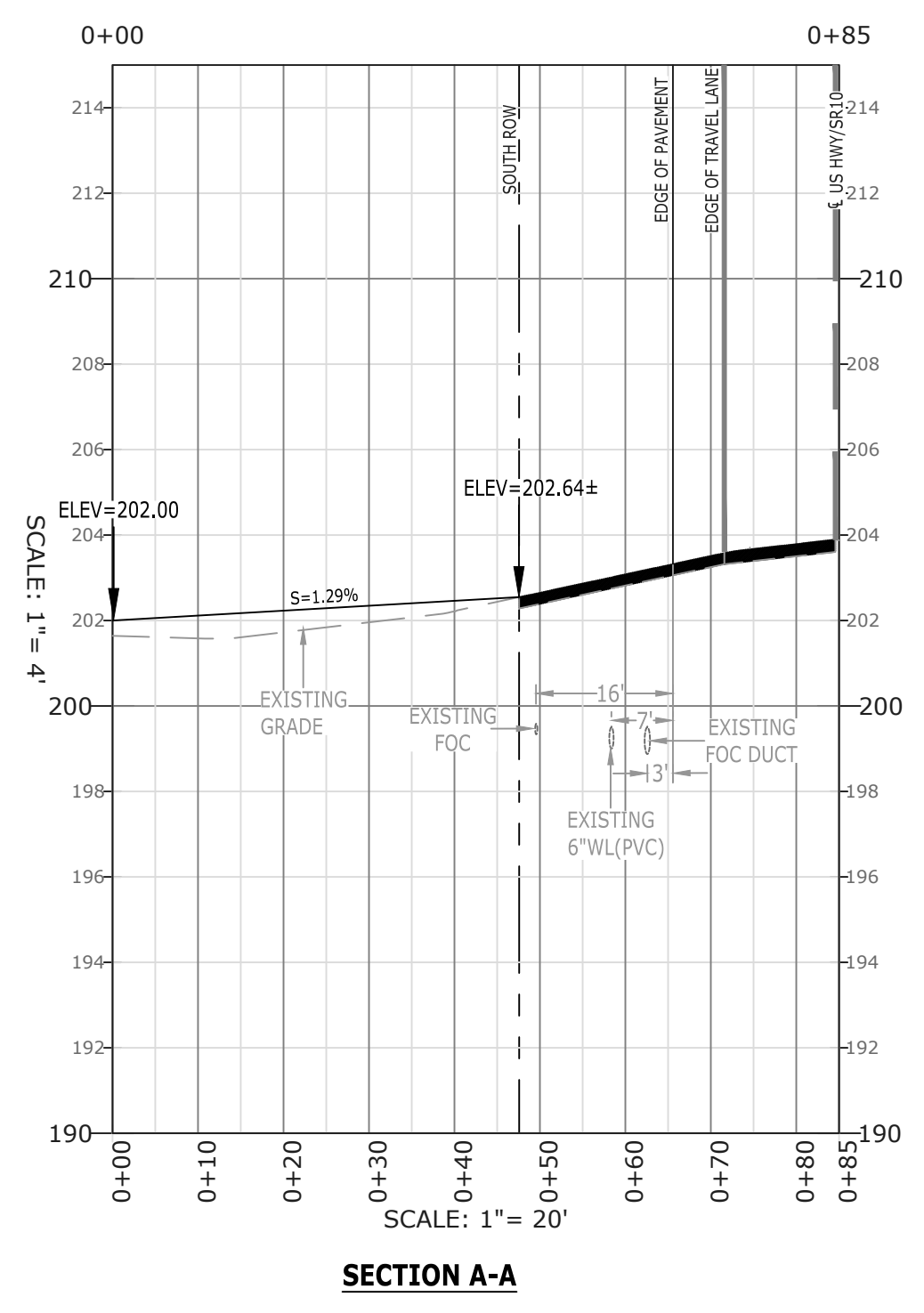
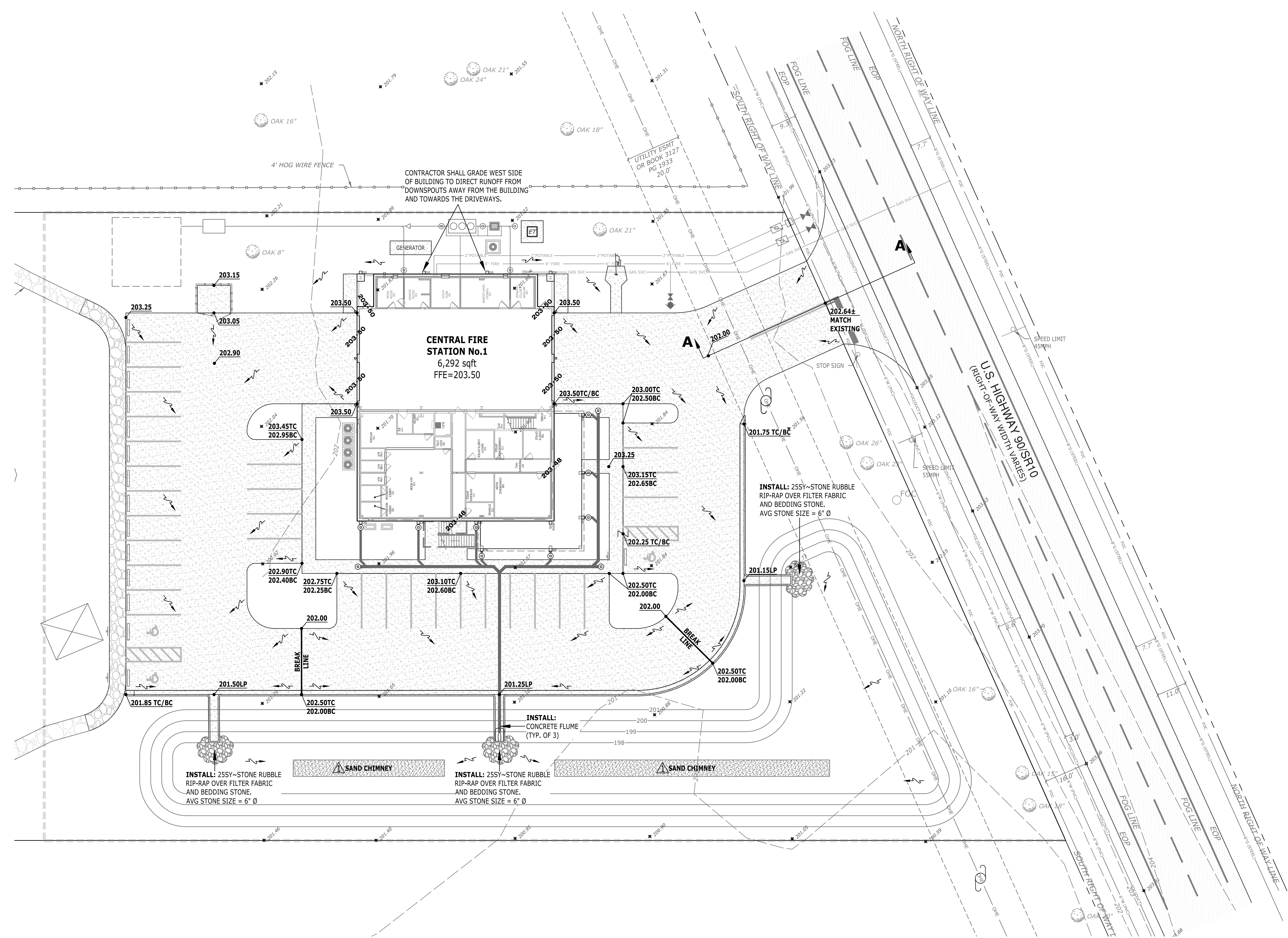
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SHEET # 09 OF 19



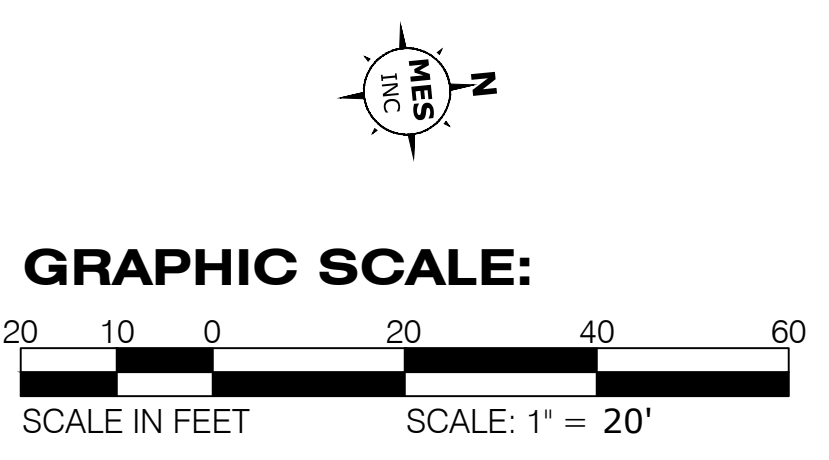
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**PAVING GRADING AND DRAINAGE NOTES:**

1. ALL DRAINAGE STRUCTURES ARE TO BE TRAFFIC RATED UNLESS SPECIFICALLY NOTED OTHERWISE.
2. AFTER THE ROADWAY, DRIVEWAY, PARKING, AND DRIVE AISLES HAVE BEEN CONSTRUCTED TO SUBGRADE, THEY SHALL BE PROOF-ROLLED TO ASSURE THAT PROPER COMPACTION HAS BEEN ATTAINED. THE PROOF-ROLLING AND COMPACTION OPERATIONS SHALL BE INSPECTED AND TESTED BY A FLORIDA LICENSED GEOTECHNICAL ENGINEER TO ASSURE THAT THE SPECIFIED COMPACTION IS MAINTAINED AND ALL DELETERIOUS MATERIALS HAVE BEEN REMOVED.
3. ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE A MINIMUM CLASS III, UNLESS OTHERWISE APPROVED OR NOTED ON THE PLANS OR SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR GRADING/PAVING ALL ROADWAYS TO DRAIN POSITIVELY IN THE DIRECTION SHOWN BY THE PROPOSED GRADES AND FLOW ARROWS ON THE PLANS. INTERSECTIONS SHALL BE TRANSITIONED TO PROVIDE A SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE. IF AN AREA OF POOR DRAINAGE IS OBSERVED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PAVING SO THAT A SOLUTION OR RECOMMENDATION FOR CORRECTION CAN BE MADE.
5. ALL STORMWATER PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC.
6. CONTRACTOR SHALL SCREED ALL SIDEWALKS 1/4" PER FOOT AWAY FROM THE BUILDING.
7. ALL HANDICAP ACCESSIBLE SIDEWALKS/ROUTES SHALL BE CONSTRUCTED TO LIMIT CROSS SLOPES TO 2.0% MAXIMUM.
8. ALL NEW AND EXISTING ROOF DRAINS, DOWNSPOUTS, AND GUTTERS SHALL BE DIRECTED TOWARDS PROPOSED/EXISTING STORMWATER SYSTEM AS SHOWN ON THE PLANS.
9. CONTRACTOR SHALL REFER TO MECHANICAL/ARCHITECTURAL PLANS FOR CONNECTIONS TO DOWNSPOUTS AND ROOF DRAINS AT THE FACE OF BUILDING, AS APPLICABLE.
10. SLOPES FOR PROPOSED PIPES FROM DOWNSPOUTS TO HEADER LINES SHOWN ON THE PLANS ARE TO BE CONSIDERED MINIMUM SLOPES. CONTRACTOR SHALL ADJUST PIPE SLOPES AS REQUIRED TO CONNECT TO ROOF DRAINS. CONTRACTOR SHALL NOTE FINAL SLOPES ON AS-BUILT DRAWING.
11. THE OWNER WILL BE RESPONSIBLE FOR MONITORING CONSTRUCTION AND SUBMITTING A NOTICE OF CONSTRUCTION COMMENCEMENT AND AN AS-BUILT CERTIFICATION FOR THE PROJECT UPON COMPLETION.
12. THE CONTRACTOR SHALL GRADE ALL POND BOTTOMS TO DRAIN TOWARDS THE SAND FILTER, THE EQUALIZER PIPES, OR OUTFALL STRUCTURE AS APPROPRIATE.



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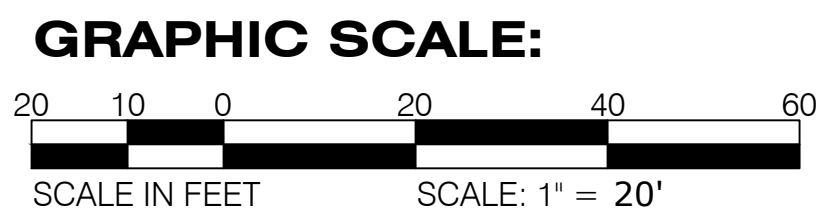
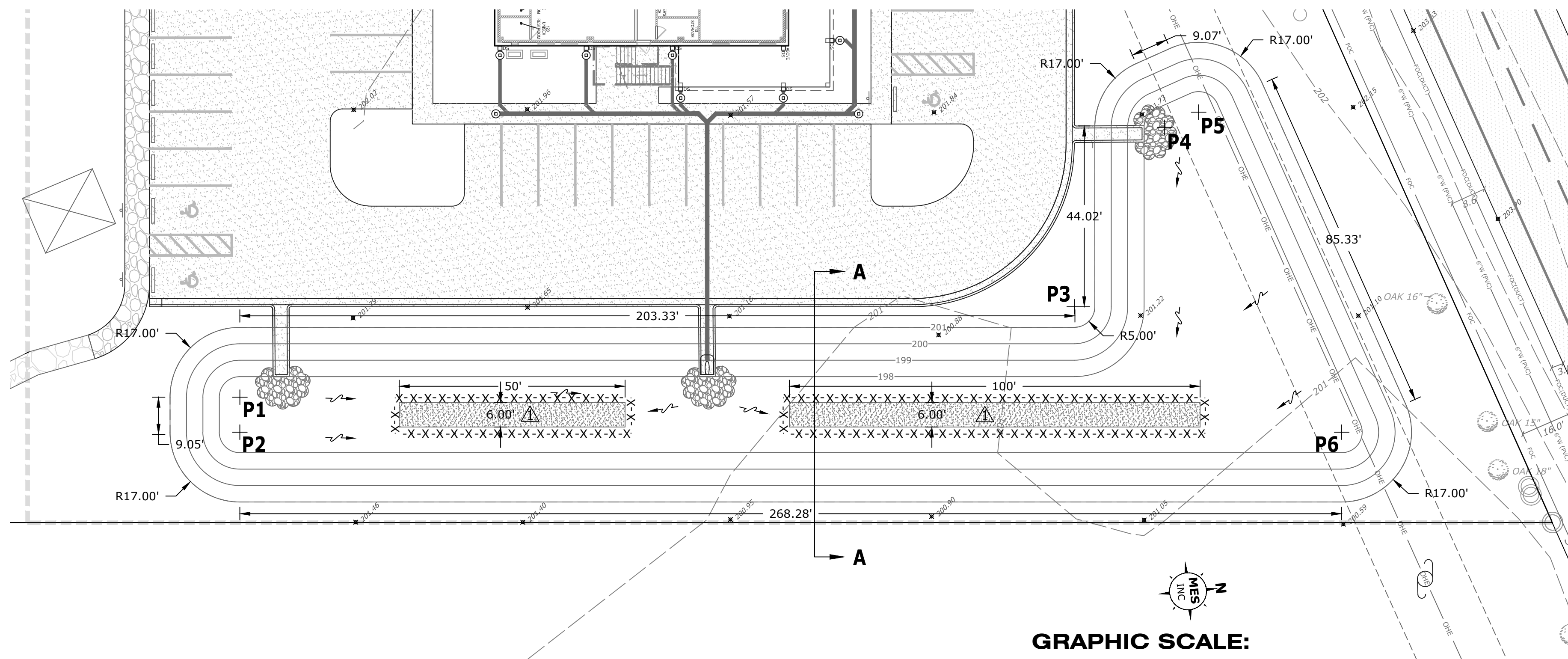
**GRADING AND DRAINAGE PLAN**

**HOLT FIRE DISTRICT**  
**CENTRAL FIRE STATION #1**  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA

NO.	PERMITTING COMMENTS	DATE

Dale E. Long, P.E.

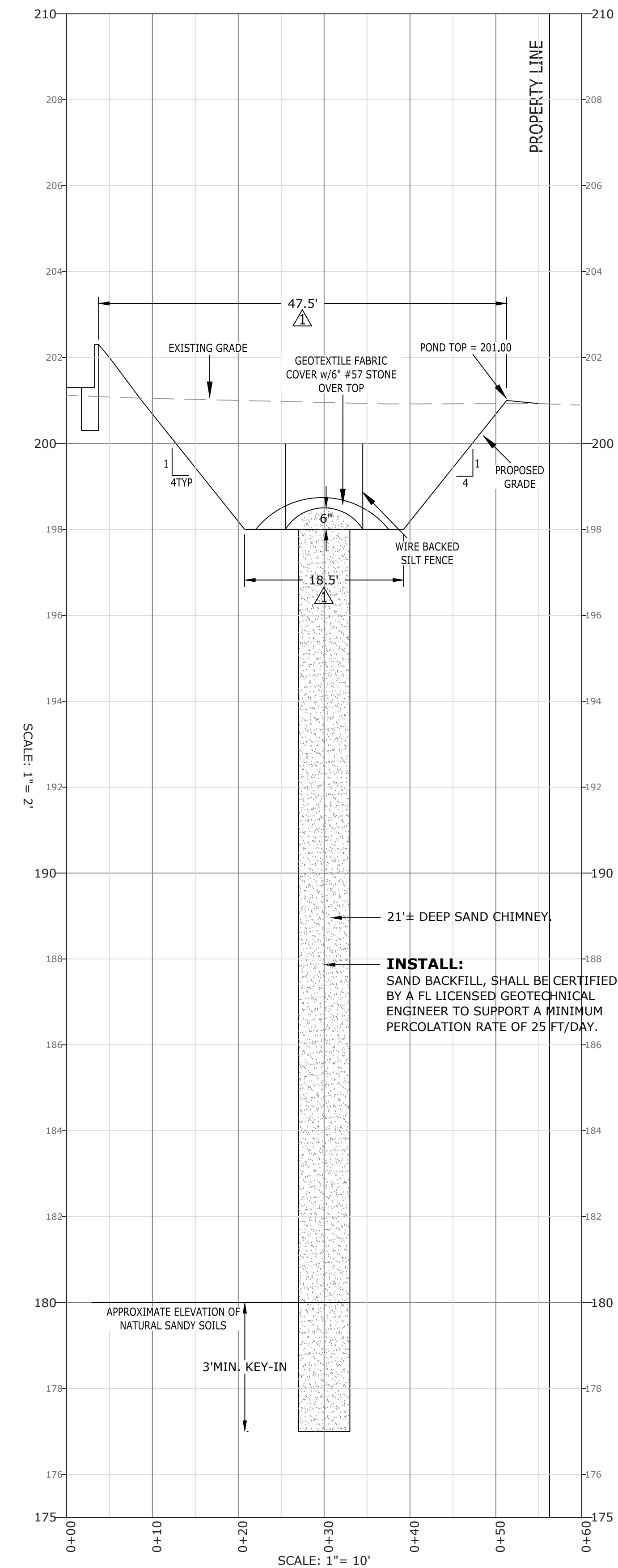
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SHEET # 10 OF 19	



STORMWATER POND			
POINT		NORTHING	EASTING
P1	SOUTHWEST	631802.7061	1265063.2598
P2	SOUTHEAST	631802.4376	1265071.7709
P3	MIDDLE	632006.4661	1265047.6725
P4	NORTHWEST FLUME	632029.8311	1265004.7127
P5	NORTHWEST	632038.2218	1265001.2740
P6	NORTHEAST	632070.5799	1265080.2302

**STORMWATER POND NOTES:**

- POND SHALL OPERATE AS A SEDIMENT POND WITHOUT A CHIMNEY UNTIL SITE IS GRADED AND STABILIZED. CHIMNEY SHALL BE CONSTRUCTED AS CLOSE TO PROJECT COMPLETION AS POSSIBLE TO MINIMIZE FOULING POTENTIAL.
- CHIMNEY SAND SHALL BE WASHED CLEAN, COARSE SAND (LESS THAN 5% FINES PASSING THE No. 200 SIEVE) UNIFORMITY COEFFICIENT SHALL BE BETWEEN 1.5 & 4.0, AND EFFECTIVE GRAIN SIZE SHALL BE 0.2 TO 0.55 MILLIMETERS IN DIAMETER. FILLABLE POROSITY SHALL BE 25%.
- CONTRACTOR SHALL SUBMIT SOURCE OF SAND, GEOTECHNICAL CERTIFICATION AND TOTAL QUANTITY OF SAND USED. SUBMITTAL SHALL BE MADE TO OWNER AND ENGINEER.
- SAND FILTER AREA SHALL BE SURROUNDED BY SILT FENCE WITH WIRE BACKING TO PREVENT FOULING WITH SEDIMENTS. SILT FENCE SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED AND THE REMAINDER OF POND BOTTOM IS SODDED AND SOD IS ESTABLISHED. THE CONTRACTOR WILL BE RESPONSIBLE FOR SAND REPLACEMENT (AT HIS COST) IF SEDIMENTS ARE ALLOWED TO CONTAMINATE THE SAND.
- AT THE COMPLETION OF CONSTRUCTION OF THE SAND FILTER, THE CONTRACTOR SHALL PROVIDE AN IN-SITU PERMEABILITY TEST AT THREE (3) RANDOM LOCATIONS (AS CHOSEN BY THE OWNER) WITHIN THE POND BOTTOM. THE TEST SHALL BE COMPLETED BY A FLORIDA LICENSED GEOTECHNICAL ENGINEER AND CERTIFIED. RESULTS SHALL BE PROVIDED TO THE OWNER AND ENGINEER OF RECORD.
- A FLORIDA LICENSED GEOTECHNICAL ENGINEER SHALL INSPECT THE POND BOTTOM EXCAVATION PRIOR TO BACKFILLING WITH SAND TO ENSURE THAT THE CHIMNEY IS APPROPRIATELY KEYED INTO THE UNDERLYING SAND STRATA. A CERTIFIED LETTER FROM THE GEOTECHNICAL ENGINEER CONFIRMING APPROPRIATE KEY-IN IS REQUIRED FOR SAND CHIMNEY APPROVAL.
- TOP OF SAND CHIMNEY SHALL BE MOUNDED 6" ABOVE THE POND BOTTOM.
- CONTRACTOR SHALL SOD POND BOTTOM (OUTSIDE THE CHIMNEY AREA) AS WELL AS POND BANKS. SOD SHALL EXTEND TO A MINIMUM OF 5' BEYOND TOP OF POND BANK.
- CHIMNEY SAND SHALL BE COVERED WITH FDOT D-3 GEOTEXTILE FABRIC (ADS ≥ 70) AND #57 STONE DURING CONSTRUCTION AND UNTIL PROJECT IS ACCEPTED AND POND IS CERTIFIED AS COMPLETE.
- CONTRACTOR SHALL GRADE POND BOTTOM TOWARDS SAND CHIMNEY TO ENCOURAGE DRAINAGE AS SHOWN.



**STORMWATER POND SECTION A-A**

NO.	PERMITTING COMMENTS	DATE
01-22-24		

Dale E. Long, P.E.

P.E. #55393

CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL



SITE GEOMETRY AND STRIPING PLAN

HOLT FIRE DISTRICT  
 CENTRAL FIRE STATION #1  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA

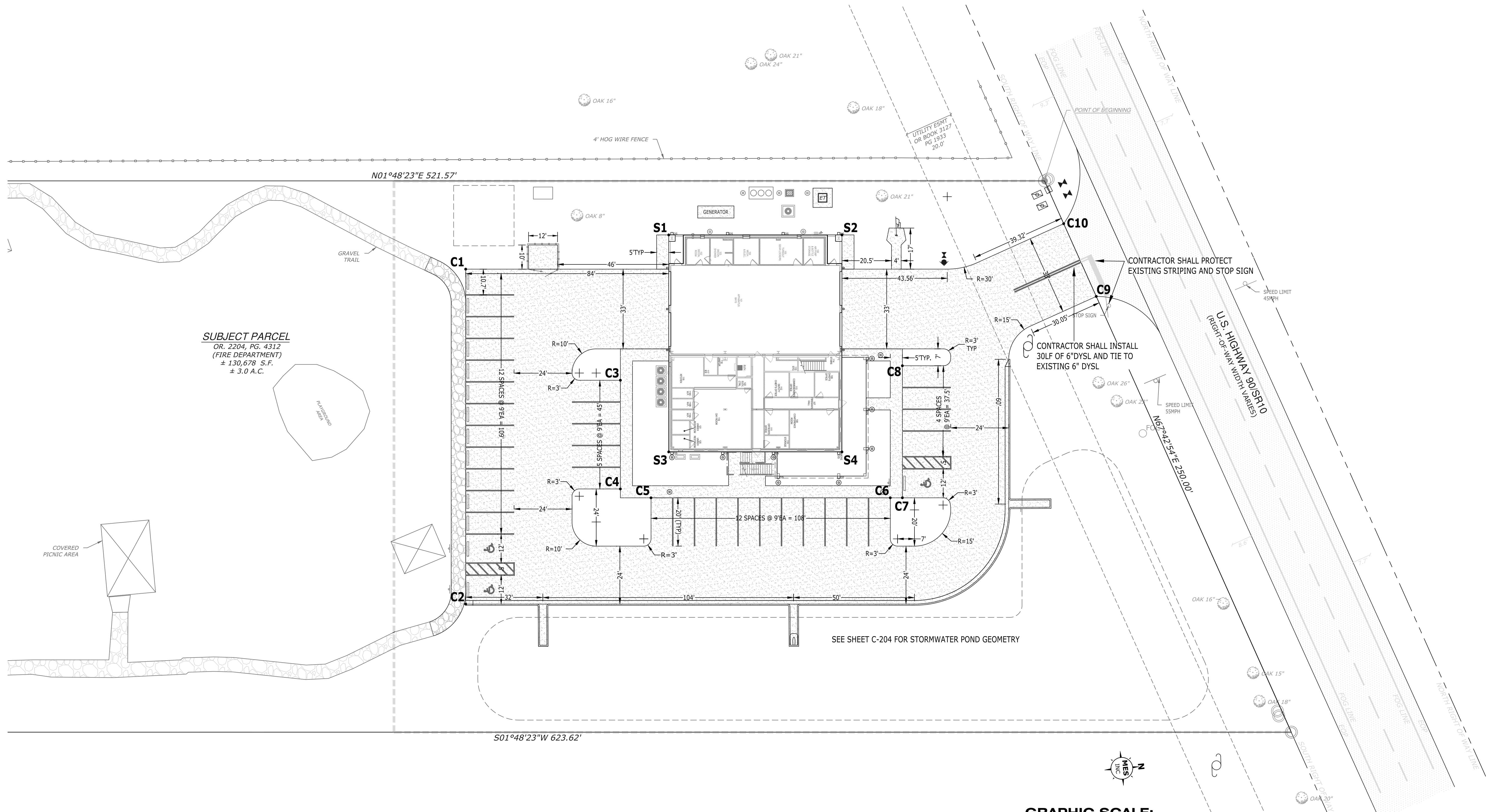
OWNER COMMENTS	01-22-24
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Dale E. Long, P.E.

P.E. #55393

CONSTRUCTION DOCS	
Scale:	AS NOTED
Date:	12.18.2023
Drawn:	EMD
Checked:	DEL

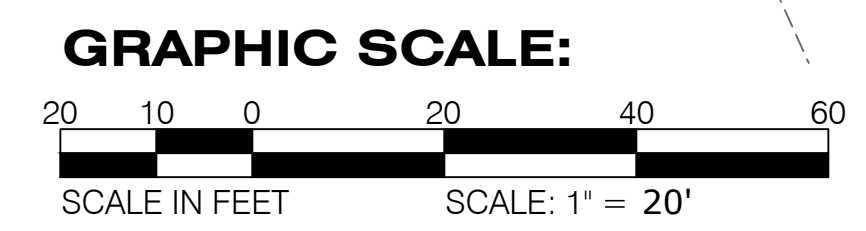
C-205  
 SHEET # 12 OF 19



SUBJECT PARCEL  
 OR. 2204, PG. 4312  
 (FIRE DEPARTMENT)  
 ± 130,678 S.F.  
 ± 3.0 A.C.

BUILDING CORNERS			
POINT		NORTHING	EASTING
S1	SOUTHWEST	631870.2005	1264889.9673
S2	NORTHWEST	631941.8319	1264892.2255
S3	SOUTHEAST	631867.3699	1264979.7559
S4	NORTHEAST	631939.0011	1264982.0105

PARKING/DRIVEWAY			
POINT		NORTHING	EASTING
C1	PARK PARKING WEST	631785.7957	1264901.4852
C2	PARK PARKING EAST	631781.4265	1265040.0778
C3	BACK PARKING WEST	631848.3145	1264949.4797
C4	BACK PARKING EAST	631846.8890	1264994.4554
C5	SIDE PARKING SOUTH	631859.4455	1264998.5155
C6	SIDE PARKING NORTH	631958.3924	1265001.6349
C7	FRONT PARKING EAST	631963.3899	1265001.7924
C8	FRONT PARKING WEST	631965.0912	1264947.8289
C9	ENTRANCE EAST	632046.1994	1264920.9976
C10	ENTRANCE WEST	632033.5864	1264890.5031



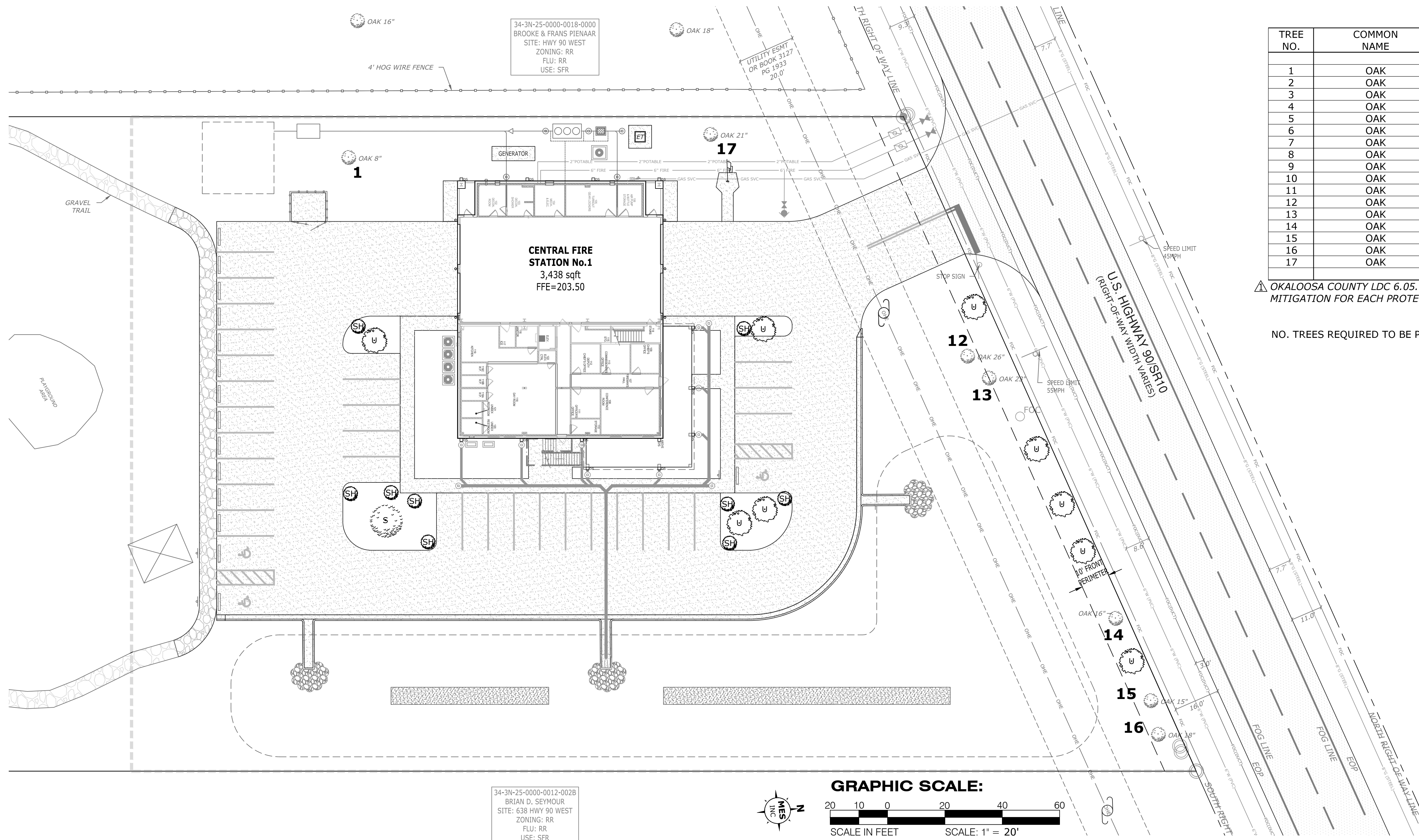
- GEOMETRY AND STRIPING NOTES:**
- ALL DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
  - ALL STRIPING WITHIN THE RIGHT-OF-WAY INCLUDING THE STOP BAR AND DOUBLE YELLOW SOLID LINE (DYSL) SHALL BE THERMOPLASTIC PER F.D.O.T. SPECIFICATIONS AND INDEX #711-001. ALL OTHER INTERIOR ON-SITE STRIPING SHALL BE PAINT UNLESS SPECIFICALLY NOTED OTHERWISE.
  - ALL STRIPING AND SIGNAGE SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
  - ALL SIGNS SHALL BE INSTALLED PER F.D.O.T. INDEX #700-010 AND #700-101.

- PARKING REQUIREMENTS:**
- AT BUILD OUT THE FIRE STATION WILL CONTAIN A TOTAL OF 6 BUNK ROOMS TO ACCOMMODATE THE FULL TIME STAFF. IT IS ASSUMED AT SHIFT CHANGE THE PARKING LOT WILL NEED TO PROVIDE 12 TOTAL SPACES, 6 FOR CURRENT SHIFT AND 6 FOR IN COMING SHIFT.  
 THE CURRENT LAYOUT PROVIDES FOR 17 TOTAL SPACES FOR THE FIRE STATION AND AN ADDITIONAL 19 SPACES TO SERVE THE PARK.



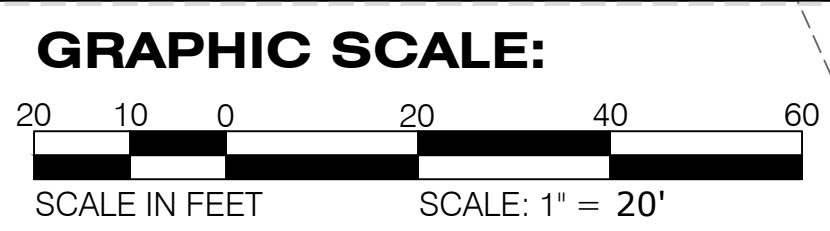
R:\MES\2021\12\0005 HFD NEW FIRE STATION\DWG\SHEETS\030 C-200 SITE PLAN.DWG





34-3N-25-0000-0018-0000  
BROOKE & FRANS PIENAR  
SITE: HWY 90 WEST  
ZONING: RR  
FLU: RR  
USE: SFR

34-3N-25-0000-0012-0028  
BRIAN D. SEYMOUR  
SITE: 638 HWY 90 WEST  
ZONING: RR  
FLU: RR  
USE: SFR



**TREE CHART**

TREE NO.	COMMON NAME	DIAMETER AT DBH (Inches)	TO BE REMOVED	TREES REMOVED	TREE CREDITS
1	OAK	8	NO	0	2
2	OAK	20	YES	1	0
3	OAK	17	YES	1	0
4	OAK	15	YES	1	0
5	OAK	14	YES	1	0
6	OAK	14	YES	1	0
7	OAK	15	YES	1	0
8	OAK	16	YES	1	0
9	OAK	14	YES	1	0
10	OAK	15	YES	1	0
11	OAK	17	YES	1	0
12	OAK	26	NO	0	5
13	OAK	23	NO	0	4
14	OAK	16	NO	0	3
15	OAK	15	NO	0	3
16	OAK	18	NO	0	3
17	OAK	21	NO	0	4

△ OKALOOSA COUNTY LDC 6.05.032 REQUIRES THAT TREE MITIGATION EQUALS 1:1 TREE MITIGATION FOR EACH PROTECTED TREE REMOVED.

TOTAL TREES REMOVED = 10  
 IMPERVIOUS AREA PROPOSED = 30,837 SF  
 NO. TREES REQUIRED TO BE PRESERVED (PER LDC 6.05.03) = 7  
 ON-SITE TREE CREDITS = 24  
 TREE CREDITS REMAINING = 14

TREES REQUIRED TO BE REPLACED  
 1 TREE PER 4300 SF IMPERVIOUS PER LDC 6.05.031

**LANDSCAPING AND PLANTING NOTES:**

- PROPOSED PLANTINGS SHOWN ON THIS SHEET SHALL MEET THE OKALOOSA ROSA COUNTY LDC REQUIREMENTS AND SHALL BE NATIVE.
- THE CONTRACTOR WILL BE REQUIRED TO WATER IN ALL PLANTINGS AND IRRIGATION WILL BE PROVIDED VIA WATER HOSES OR WATER TRUCKS UNTIL THE PLANTS ARE PROVEN TO BE ALIVE AND GROWING.
- NO MORE THAN 50% OF REQUIRED LANDSCAPING MATERIAL MAY BE OF THE SAME SPECIES.
- THE PLANTING CONTRACTOR SHALL PROVIDE NATIVE FLORIDA NURSERY GROWN STOCK SUPPLIED BY A FLORIDA NATIVE PLANT SUPPLIER OR IF BARE ROOT MATERIAL IS SELECTED IT WILL BE COLLECTED FROM A STATE APPROVED COLLECTION SITE.
- PLANT MATERIAL SHALL BE CONTAINER GROWN OR BARE ROOT STOCK. IF THE PLANT MATERIALS ARE BARE ROOT, THE PLANT MATERIAL (PARTICULARLY THE ROOT SYSTEM) SHALL BE KEPT SUFFICIENTLY MOIST AND THOROUGHLY WRAPPED IN CLOTH, BURLAP OR NEWSPAPER FROM THE TIME THE PLANTS ARE HARVESTED FROM THE NURSERY UNTIL THE TIME THE PLANTS ARE TRANSPORTED TO THE PROJECT SITE AND REPLANTED.
- THE PLANTING CONTRACTOR IS RESPONSIBLE FOR DELIVERY OF PLANT MATERIALS TO THE PROJECT SITE. MATERIALS SHALL BE PROTECTED FROM DETERIORATION DURING DELIVERY FROM THE NURSERY AND DURING STORAGE ON THE PROJECT SITE PRIOR TO INSTALLATION.
- PLANTS SHOULD BE INSTALLED IMMEDIATELY FOLLOWING DELIVERY TO THE PROJECT SITE. IF PLANTING IS DELAYED FOR MORE THAN THREE (3) HOURS AFTER DELIVERY TO THE PROJECT SITE, PLANTINGS ARE TO BE PLACED IN THE SHADE AND PROTECTED FROM ADVERSE WEATHER AND MECHANICAL DAMAGE. ROOTS ARE TO BE KEPT MOIST BY COVERING WITH BURLAP, MULCH, OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
- CONTAINER GROWN STOCK SHALL NOT BE REMOVED FROM CONTAINERS UNTIL PLANTING TIME.
- THE PLANTING CONTRACTOR SHALL KEEP THE PROJECT SITE CLEAN AND FREE OF ACCUMULATED SURPLUS AND DISCARDED PLANT MATERIAL DURING THE PROGRESS OF PLANTING.
- THE CONTRACTOR SHALL PHASE CONSTRUCTION OPERATIONS SO THAT AREAS THAT REQUIRE PLANTING WILL BE READY FOR INSTALLATION OF PLANTS AS EARLY AS POSSIBLE IN THE FIRST OPTIMUM PLANTING SEASON. PLANTING WILL COMMENCE IMMEDIATELY UPON COMPLETION AND UPON APPROVAL OF THE PRE-PLANTING GRADING OF THE AREA BY THE PLANTING CONTRACTOR AND THE PROJECT ENGINEER.

- PLANT MATERIAL SHALL BE INSTALLED WITHIN 24 HOURS AFTER DELIVERY TO THE SITE. IF NECESSARY, PLANT MATERIALS CAN BE TEMPORARILY STORED ON SITE, BUT ALL PLANT MATERIALS SHALL BE KEPT WATERED AND SHADED.
- THE CONTRACTOR SHALL ENSURE THAT ALL WORKMEN EMPLOYED BY HIM ARE COMPETENT, CAREFUL, RELIABLE, AND MUST HAVE SUFFICIENT SKILL AND EXPERIENCE TO PROPERLY PERFORM THE WORK ASSIGNED TO THEM. ALL WORKMEN ASSIGNED TO MITIGATION WORK, SUCH AS OBTAINING DESIGN ELEVATIONS, INSTALLING PLANT MATERIAL ACCORDING TO DESIGN, AND IDENTIFYING NUISANCE/EXOTIC VEGETATION, SHALL HAVE HAD SUFFICIENT EXPERIENCE AND LICENSURE (WHERE APPLICABLE) IN SUCH WORK TO PERFORM IT PROPERLY AND SATISFACTORILY AND TO OPERATE EQUIPMENT INVOLVED, AND SHALL MAKE DUE AND PROPER EFFORT TO EXECUTE THE WORK IN THE MANNER PRESCRIBED IN THE SPECIFICATIONS, OR THE ENVIRONMENTAL PERMITS.
- REQUIRED TREES AND SHRUBBERY SHALL BE PLANTED IN LOCATIONS AS SHOWN ON PLANS. SPACING AND SPECIES SHALL BE BY OTHERS BUT ALL PLANTINGS SHALL BE DROUGHT TOLERANT, NATIVE, AND OF THE SPECIES APPROVED BY OKALOOSA COUNTY.
- THE LANDSCAPE STRIP SHOWN IN UNDISTURBED AREAS SHALL REMAIN NATURAL.
- ALL EXISTING LANDSCAPING IN BUFFER AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AS NEEDED TO MAINTAIN MIN. REQUIREMENTS AS SHOWN ON PLANS.
- ALL LANDSCAPING SHALL BE PLACED WITHIN PROPERTY BOUNDARIES. NO LANDSCAPING SHALL BE PLACED WITHIN THE COUNTY RIGHT-OF-WAY.
- GROUND COVER SPECIES SHALL HAVE A MINIMUM MATURE HEIGHT OF 24 INCHES AND A MAXIMUM HEIGHT OF 30 INCHES.
- SEE LEGEND FOR EXISTING AND PROPOSED LANDSCAPING SYMBOLS.
- ALL AREAS OF THE SITE THAT DO NOT CONTAIN GRASS OR LANDSCAPING PRIOR TO, OR AFTER CONSTRUCTION SHALL BE DISCED, SEEDED AND MULCHED, HYDROSEEDED, OR SOODED. THE CONTRACTOR SHALL ENSURE THAT THE ENTIRE SITE IS STABILIZED AND THAT ANY ERODED AREAS, ANYWHERE ON SITE, ARE REMEDIATED. UNLESS OTHERWISE SPECIFIED, GRASSING SHALL BE NATIVE AND DROUGHT TOLERANT CENTPEDE.
- IRRIGATION FOR THE PROPOSED PLANTINGS WILL BE PROVIDED VIA THE SITE POTABLE WATER SYSTEM.

**FRONT PERIMETER LANDSCAPE AREA**

- LDC SECTION 6.05.021
- 1 TREE IS REQUIRED PER 25 LF OF LOT FRONTAGE (50% SHALL BE SHADE/CANOPY TREES)
- 250 LF OF LOT FRONTAGE ALONG US HIGHWAY 90.
- 10 TOTAL FRONTAGE TREES ARE REQUIRED.
- 5 SHALL BE SHADE/CANOPY TREES
- 5 EXISTING SHADE/CANOPY TREES ARE PRESERVED WITHIN THE FRONT LANDSCAPING AREA. THE EXISTING TREES WILL BE CREDITED AGAINST THE REQUIRED CANOPY TREES.
- 5 UNDERSTORY TREES WILL BE REQUIRED AND PROVIDED

**PARKING LOT LANDSCAPING**

- LDC SECTION 6.05.022
- △ 35 PARKING SPACES PROPOSED
- CANOPY TREES REQ'D = 3 1 TREE PER 15 PARKING SPACES  
 UNDERSTORY TREES REQ'D AND PROVIDED = 4 1 TREE PER 10 PARKING SPACES  
 SHRUBS REQ'D AND PROVIDED = 9 1 SHRUB PER 4 PARKING SPACES
- TWO (2) CANOPY TREES ARE PRESERVED WITHIN THE SITE, THEREFORE THE ONLY ONE (1) ADDITIONAL CANOPY TREE WILL BE PROVIDED WITHIN THE INTERIOR.

**TREE MITIGATION**

- LDC SECTION 6.05.032
- 10 PROTECTED TREES ARE NOTED FOR REMOVAL; THEREFORE, 10 TREES ARE REQUIRED FOR REPLACEMENT.
- 30,837 (SF) SITE IMPERVIOUS AREA WITHIN THE LIMITS OF CONSTRUCTION.
- SITE IMPERVIOUS TREES REQUIRED TO BE PRESERVED = 7 1 TREE PER 4300 SF OF IMPERVIOUS (LDC 6.05.03)
- 7 TREES ARE PROTECTED ONSITE WHICH RESULTS IN 24 TREE CREDITS PER LDC 6.05.031
- 10 TREES ARE REQUIRED FOR REPLACEMENT.
- 14 TREE CREDITS REMAINING, THEREFORE NO MITIGATION TREES ARE REQUIRED.

**LEGEND**

- (S) - PROPOSED SHADE (CANOPY) TREE
- (U) - PROPOSED UNDERSTORY TREE
- (SH) - PROPOSED SHRUBS

TOWNES + ARCHITECTS, P.A.  
 ARCHITECTS - PLANNERS  
 2421 NORTH 12<sup>th</sup> AVENUE, PENSACOLA, FL 32503  
 PH: (850) 433-0203  
 AA-26001051

**SITE LANDSCAPING PLAN**

HOLT FIRE DISTRICT  
 CENTRAL FIRE STATION #1  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA

PERMITTING COMMENTS	01-22-24
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Dale E. Long, P.E.

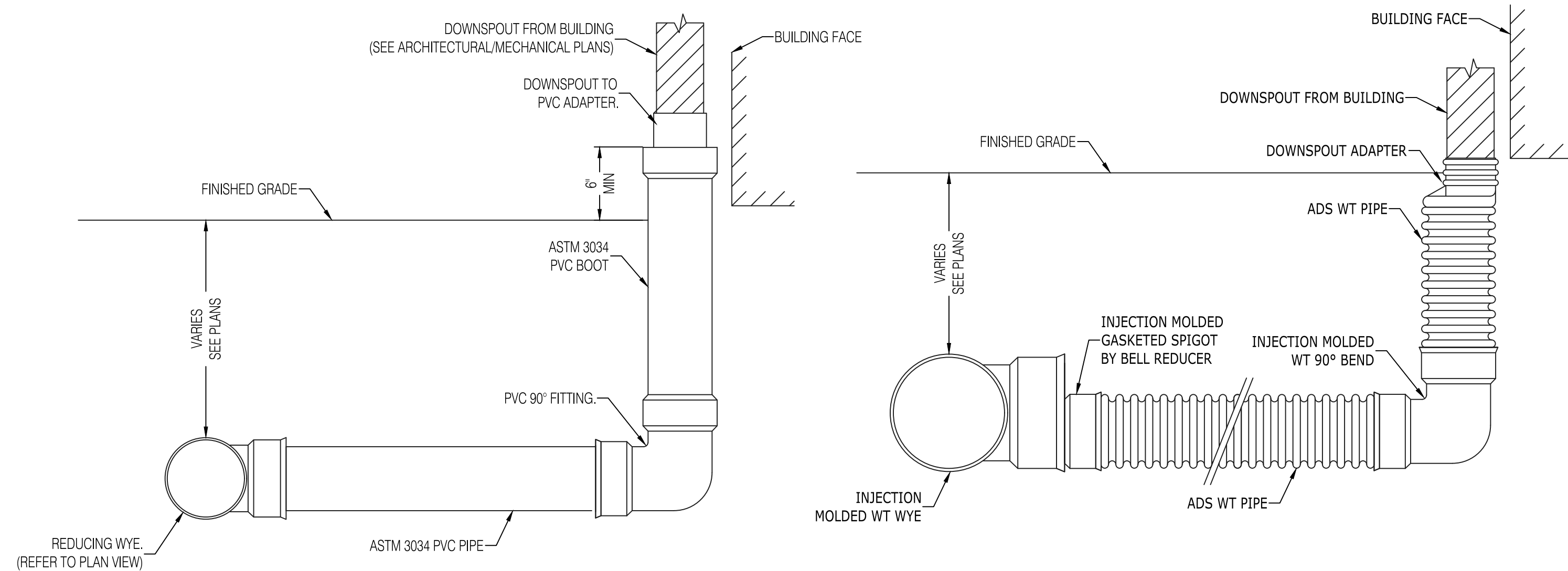
P.E. #55393

CONSTRUCTION DOCS  
 Scale: AS NOTED  
 Date: 12.18.2023  
 Drawn: EMD  
 Checked: DEL

**C-207**  
 SHEET #14 OF 19

8574 Turkey Bluff Road • Navarre, Florida 32566 • p: (850) 938-8732  
 CERTIFICATE OF AUTHORIZATION: CA-30686

R:\MES\2021\12\10005\FHD NEW FIRE STATION\DWGS\SHEETS\030-C-200 SITE PLAN.DWG

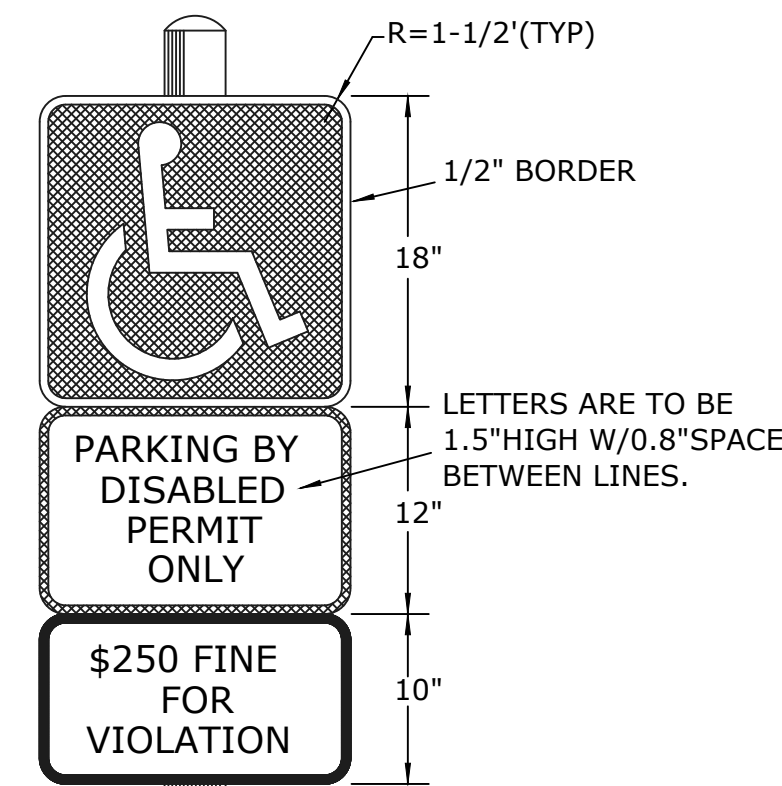


**NOTES:**

1. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL OR MECHANICAL PLANS FOR CORRECT ADAPTER SIZE AND TYPE.
2. PROVIDE CLEANOUTS AS SHOWN ON CONSTRUCTION PLANS.

**DOWNSPOUT CONNECTION DETAIL**

NOT TO SCALE

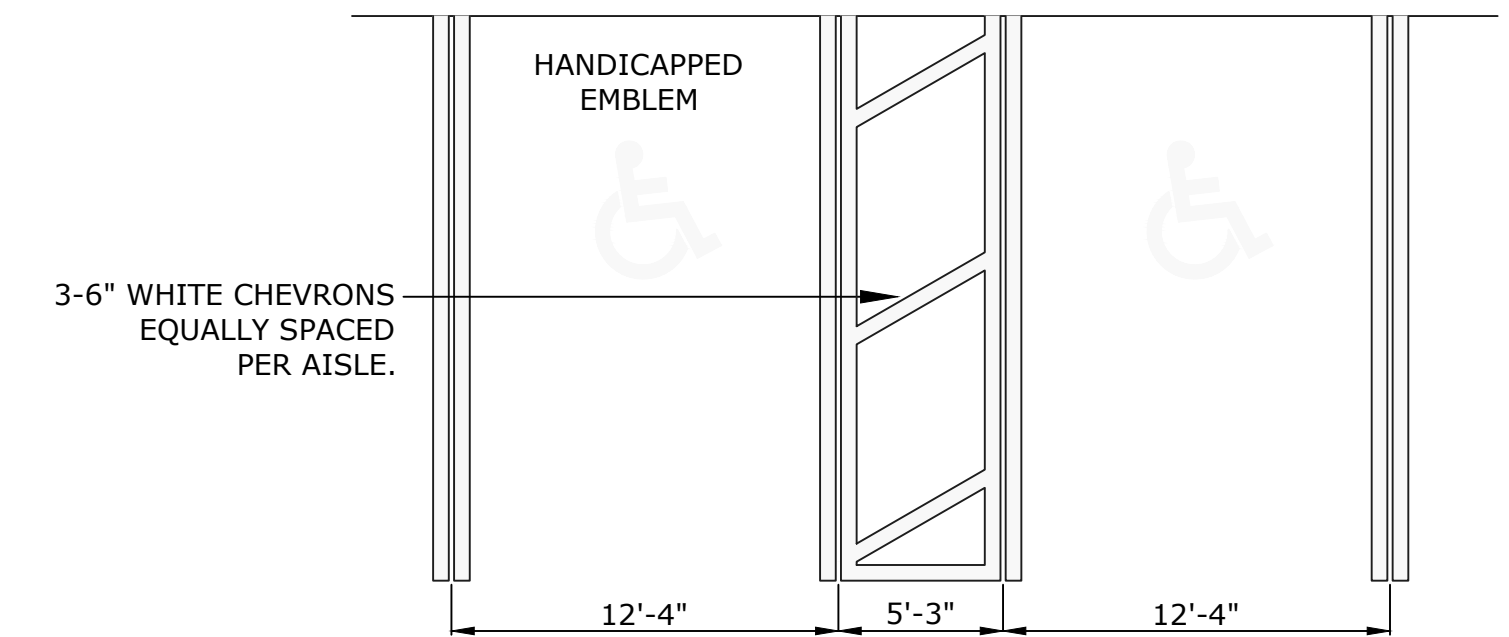


**NOTES:**

1. TOP PORTION OF SIGN SHALL HAVE A REFLECTIVE BLUE BACKGROUND W/ WHITE REFLECTIVE SYMBOL & BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND W/ BLACK OPAQUE LEGEND & BORDER.
3. SIGN CAN BE FABRICATED ON ONE PANEL OR TWO.
4. SIGNS USED AS PER FLORIDA STATUTES 316.1955 AND 316.1956.

**HANDICAP SIGN DETAIL**

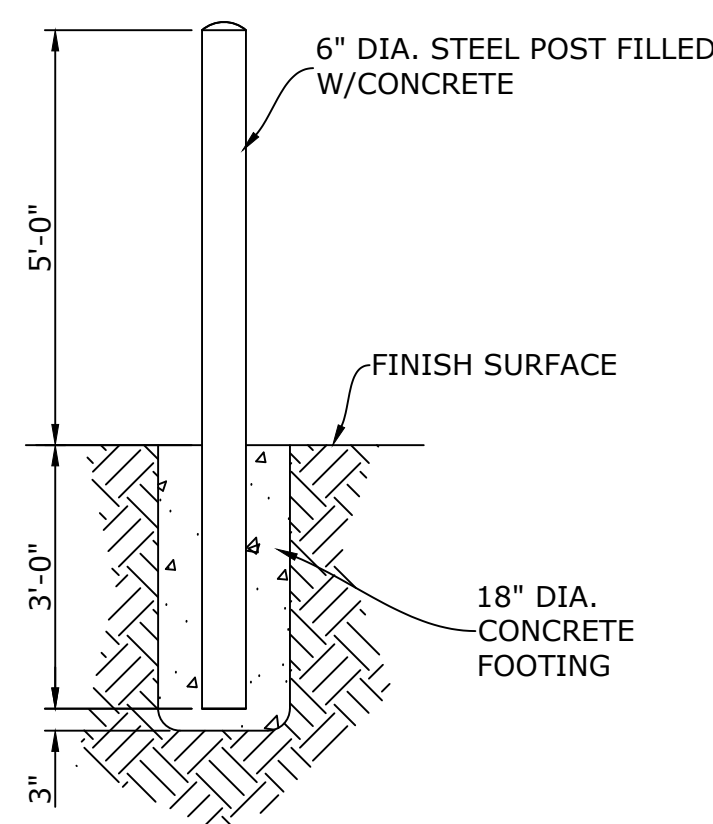
NOT TO SCALE



NOTE:  
PARALLEL SPACES SHALL BE SIMILARLY MARKED.

**HANDICAP STRIPING DETAIL**

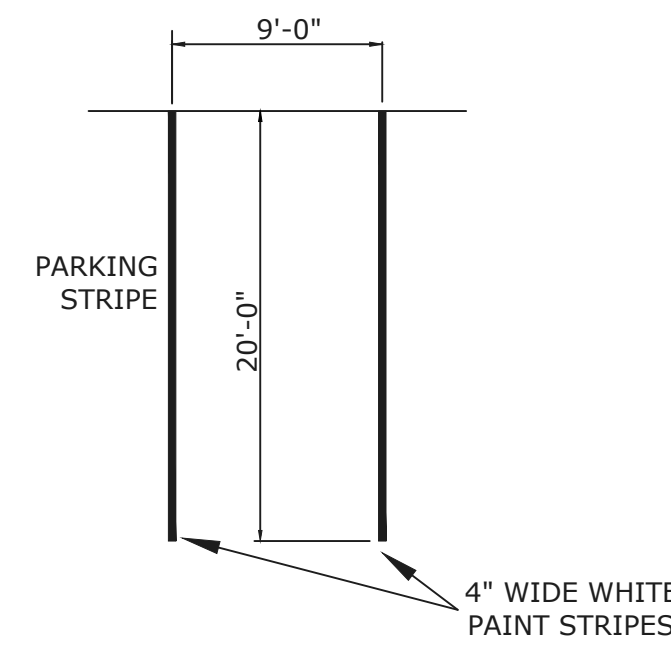
NOT TO SCALE



NOTE: BOLLARDS SHALL BE PAINTED YELLOW.

**TYP. STD. BOLLARD DETAIL**

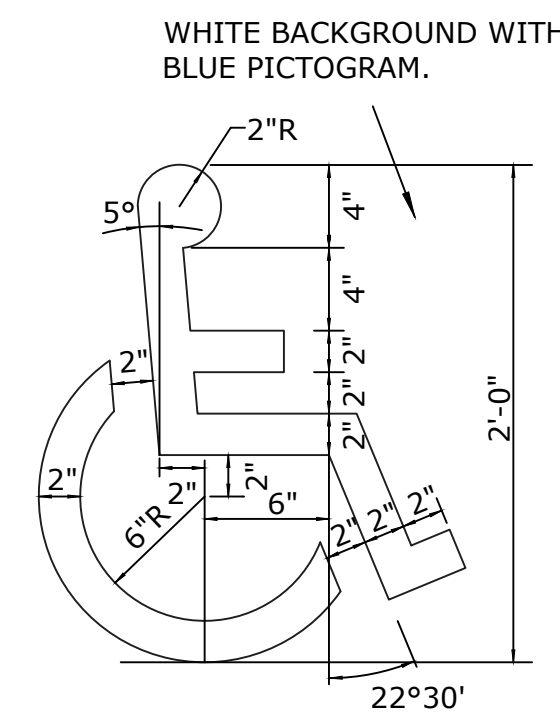
NOT TO SCALE



NOTE:  
ALL NON-HANDICAPPED STRIPING OR MARKINGS SHALL BE WHITE IN COLOR.

**TYPICAL PARKING SPACE STRIPING DETAIL**

NOT TO SCALE

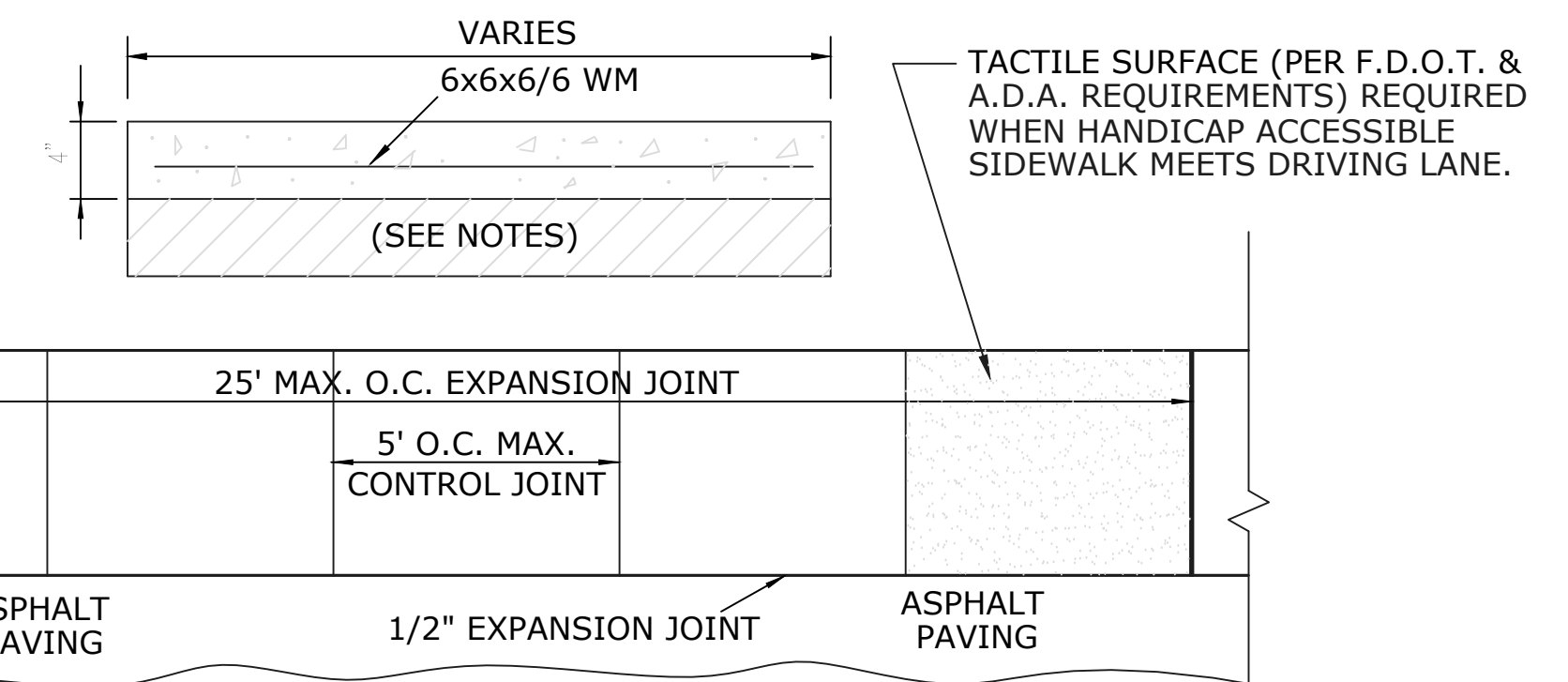


**HANDICAP EMBLEM DETAIL**

NOT TO SCALE

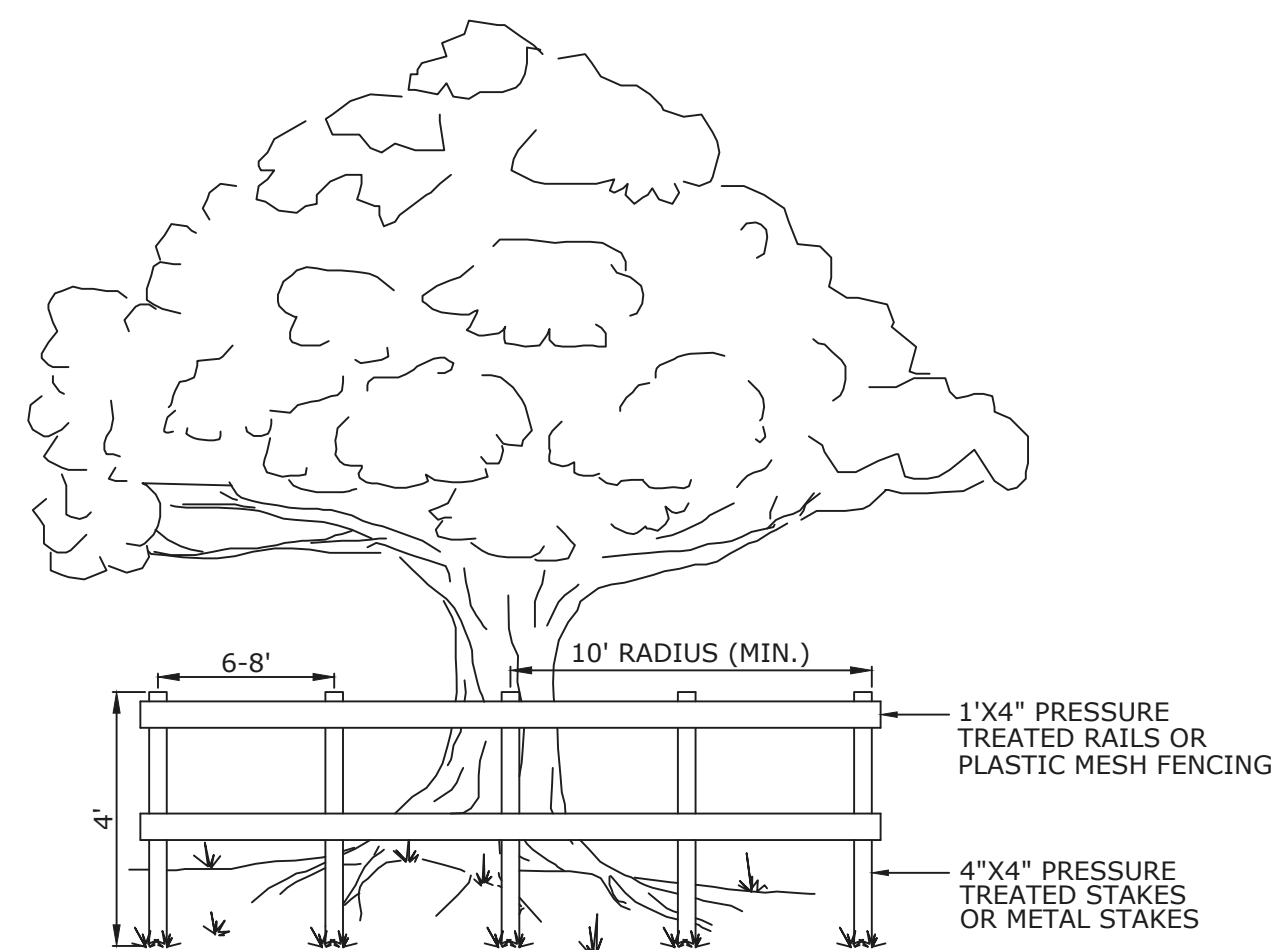
**NOTES:**

1. CONCRETE SHALL BE 4000 P.S.I. MINIMUM.
2. FOR PEDESTRIAN TRAFFIC AREAS PROVIDE 8" STABILIZED SUBBASE COMPACTED TO 95% MODIFIED PROCTOR.



**CONCRETE SIDEWALK DETAIL**

NOT TO SCALE

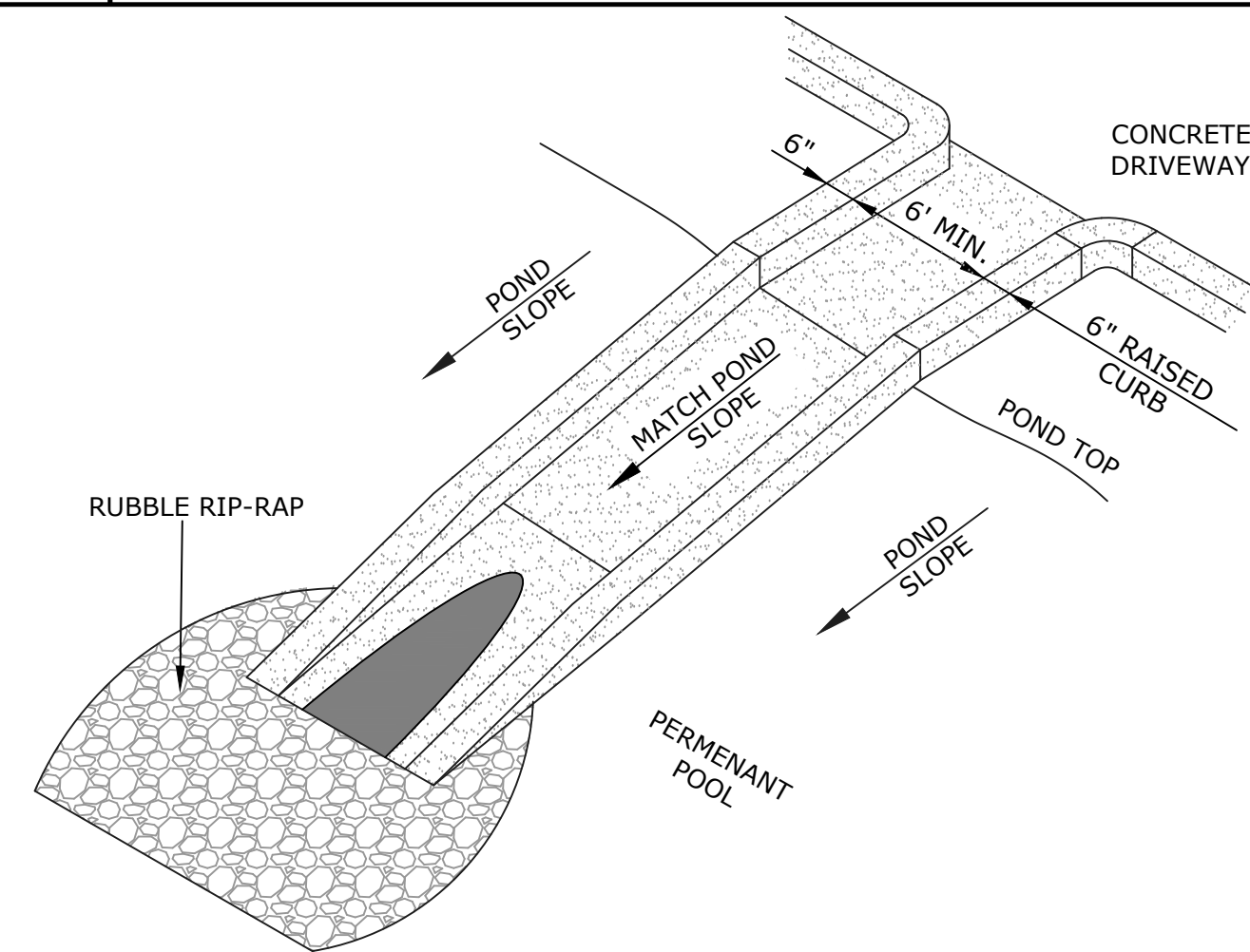


**TREE BARRICADE DETAIL**

NOT TO SCALE

**NOTES:**

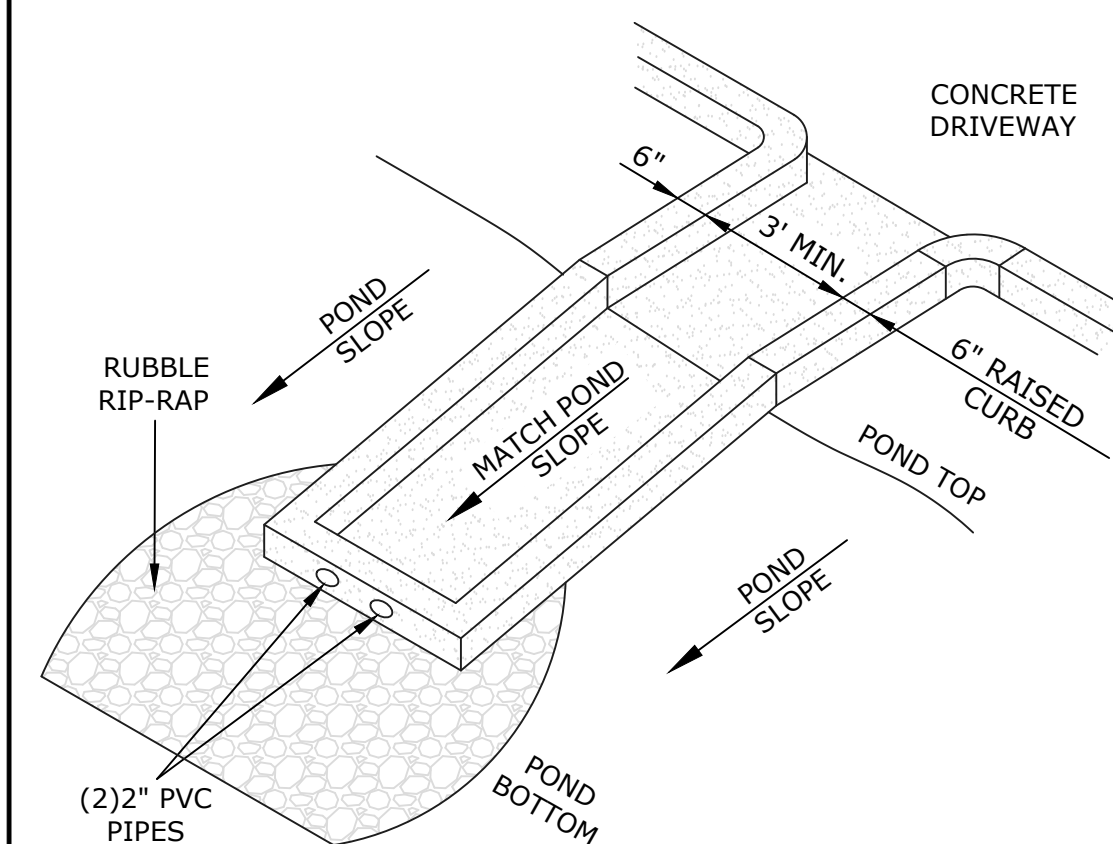
1. A MINIMUM OF 50% OF THE DRIPLINE OF TREES SHALL BE PROTECTED PER SRC LDC SECTION 4.07.05.F.1



NOTE:  
1. CONCRETE SHALL BE 4000 P.S.I. MINIMUM.

**CONCRETE FLUME/MES DETAIL**

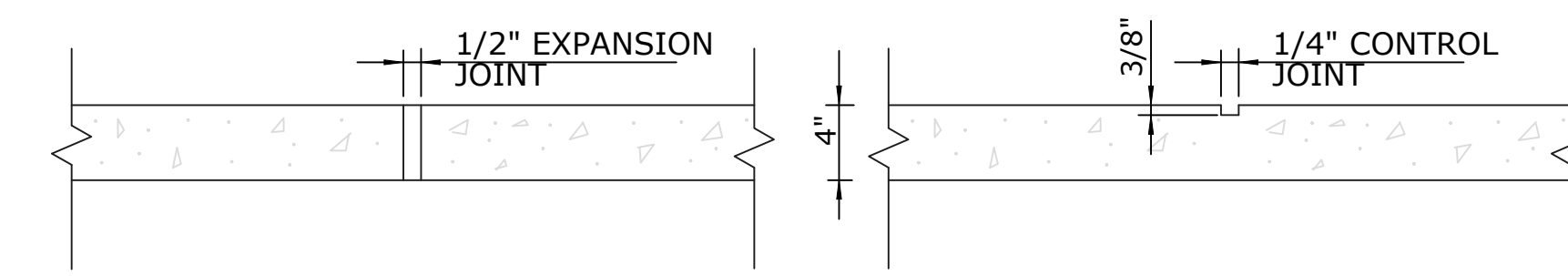
(INTO POND)  
NOT TO SCALE



NOTE:  
CONCRETE SHALL BE 4000 P.S.I. MINIMUM

**CONCRETE FLUME DETAIL**

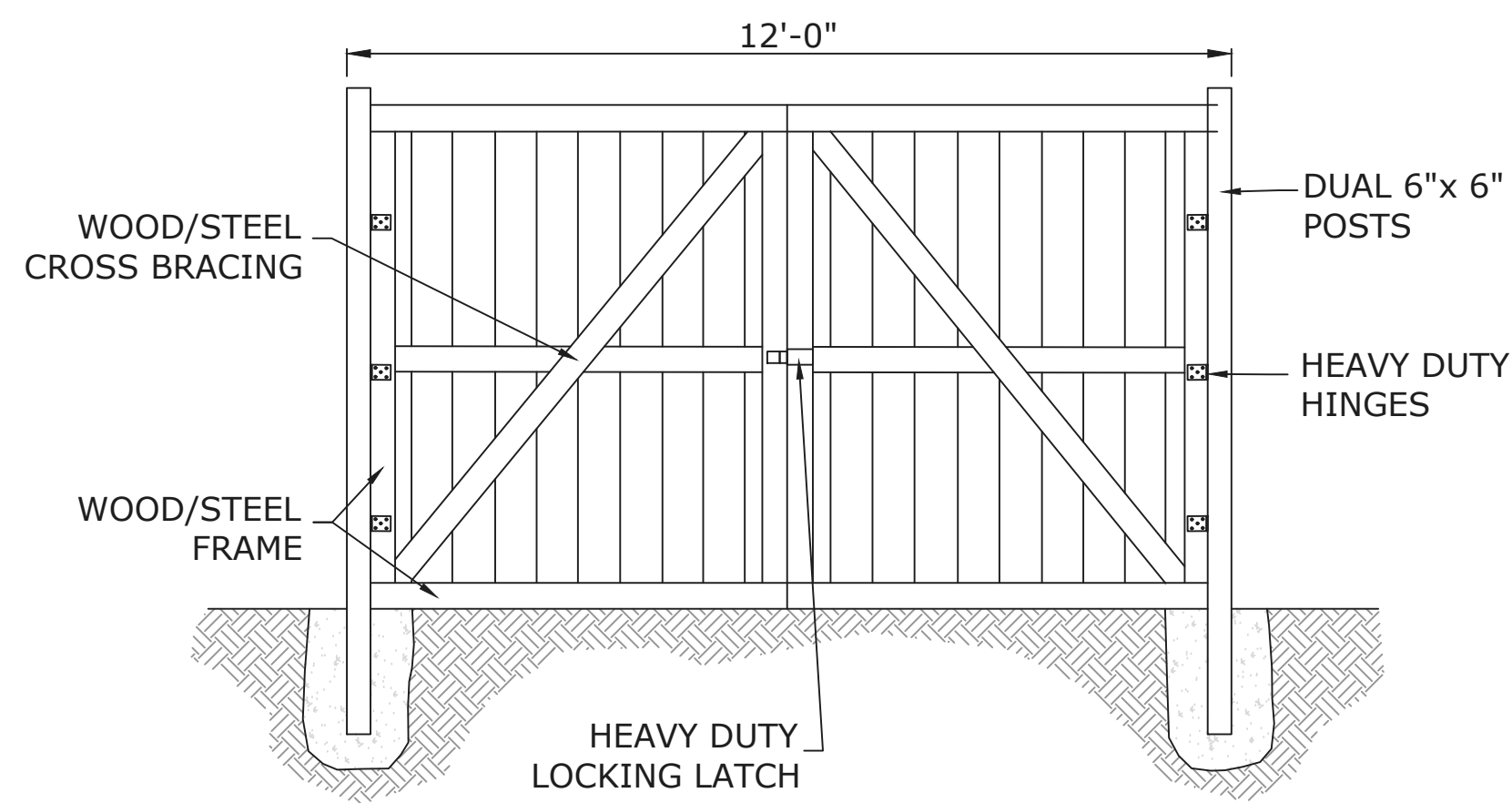
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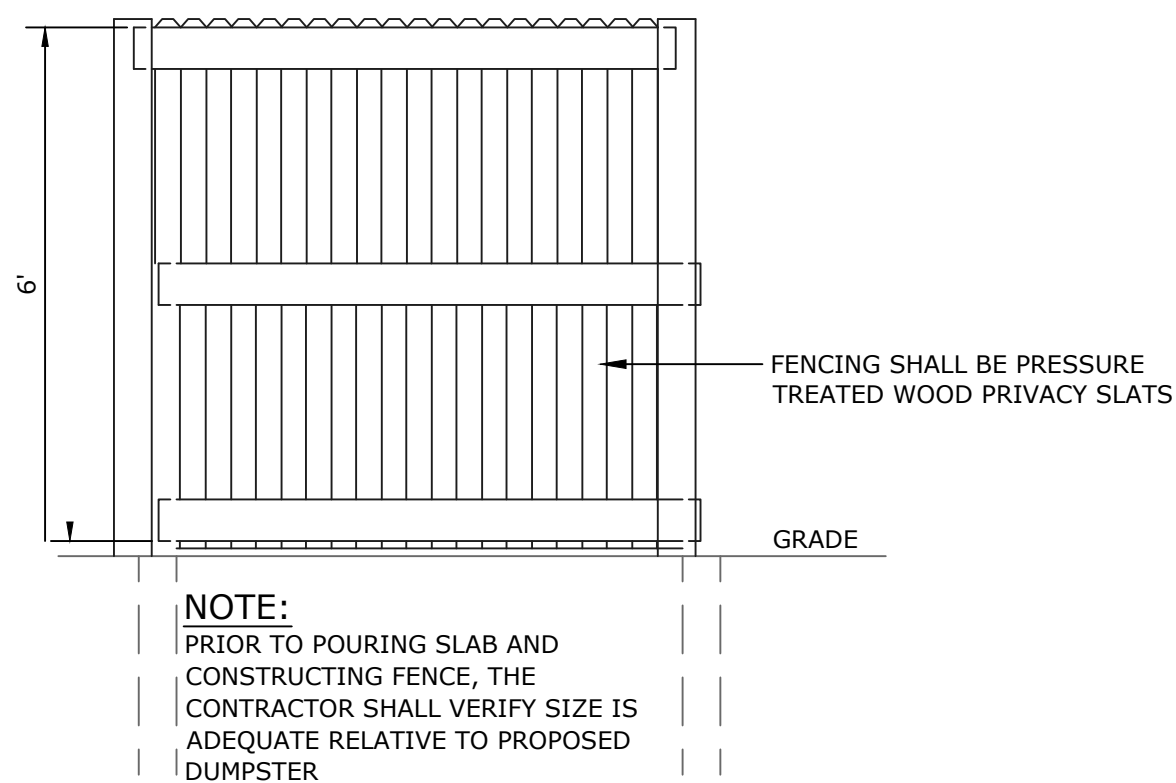
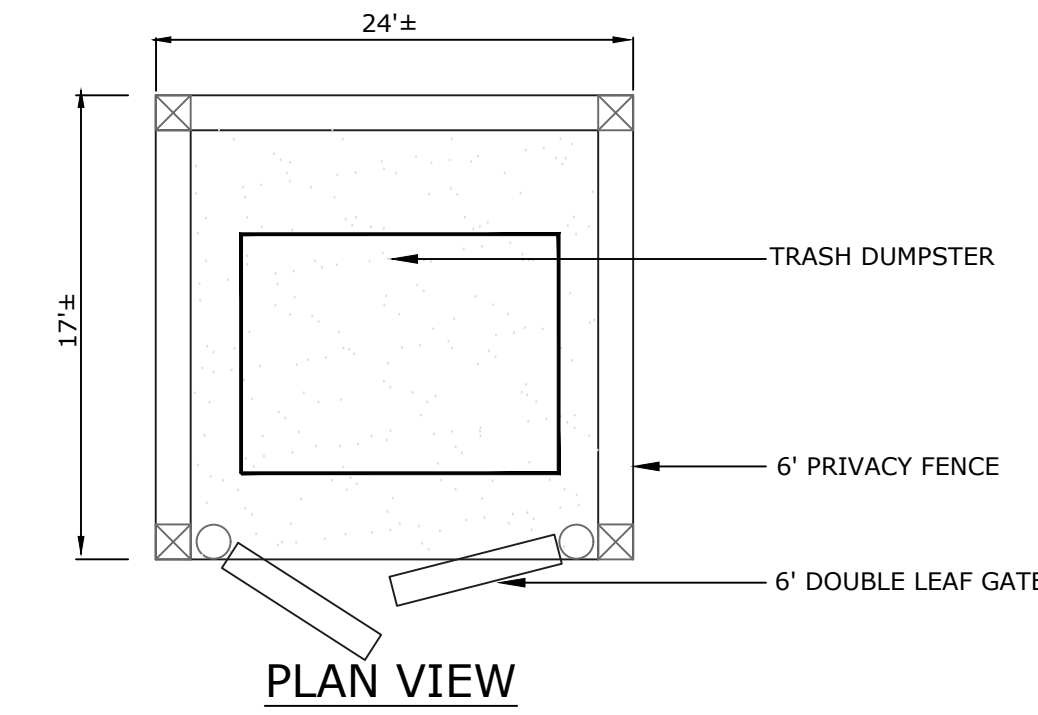
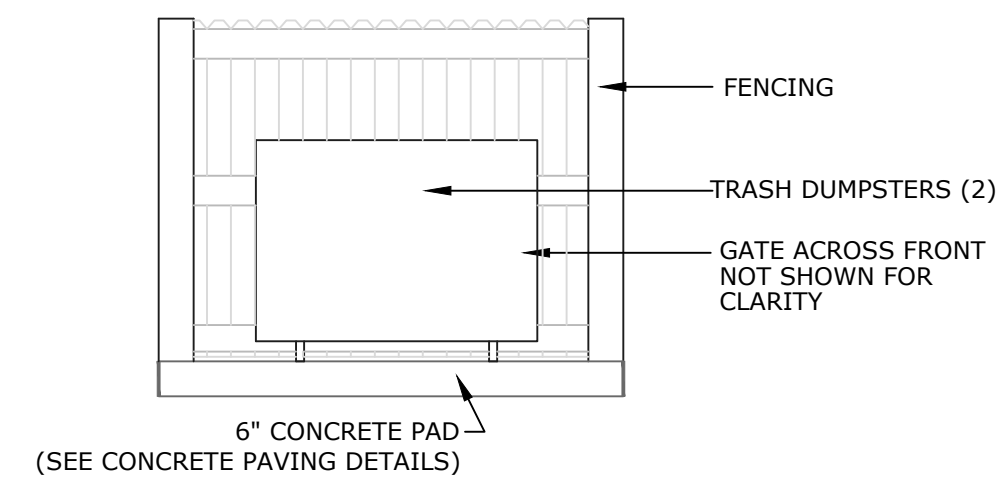
**CONCRETE CONTROL JOINT DETAIL**

NOT TO SCALE

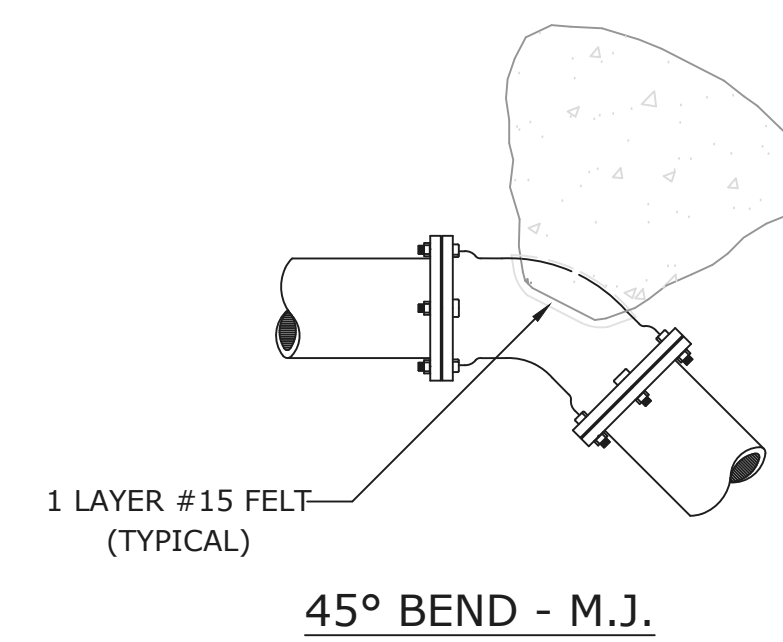




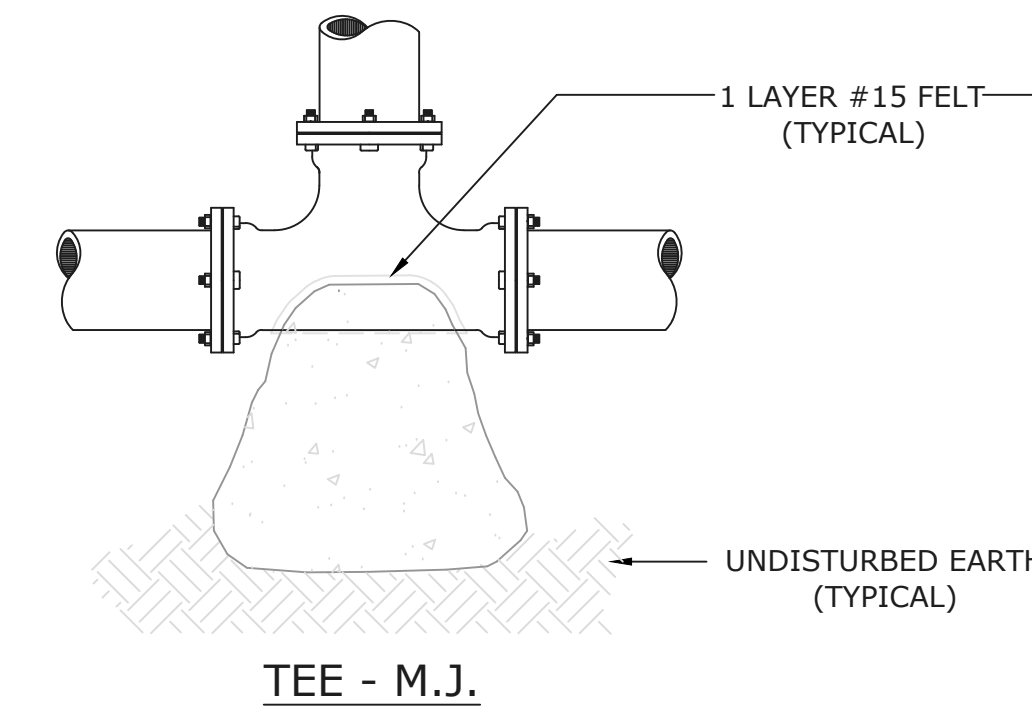
**WOOD DOUBLE GATE**  
NOT TO SCALE



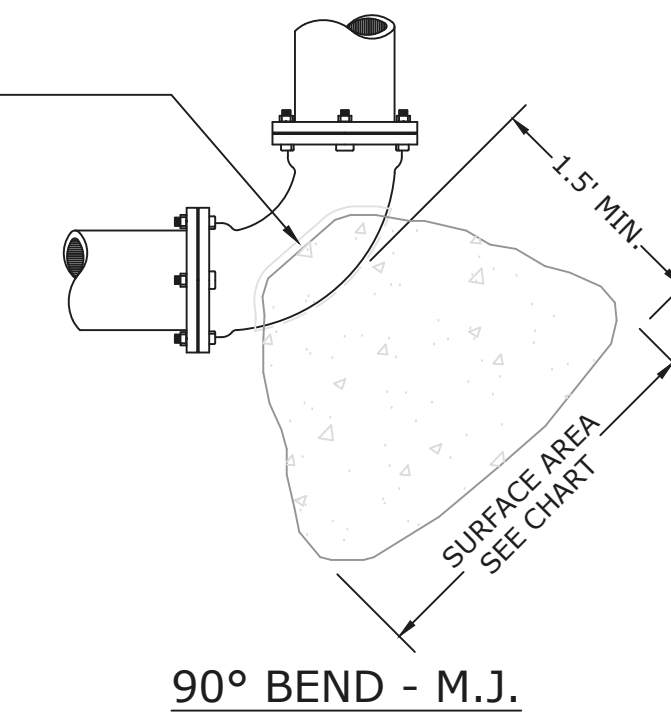
**DUMPSTER PAD & SCREEN DETAIL**  
NOT TO SCALE



**45° BEND - M.J.**



**TEE - M.J.**



**90° BEND - M.J.**

**TYPICAL THRUST BLOCK INSTALLATION**

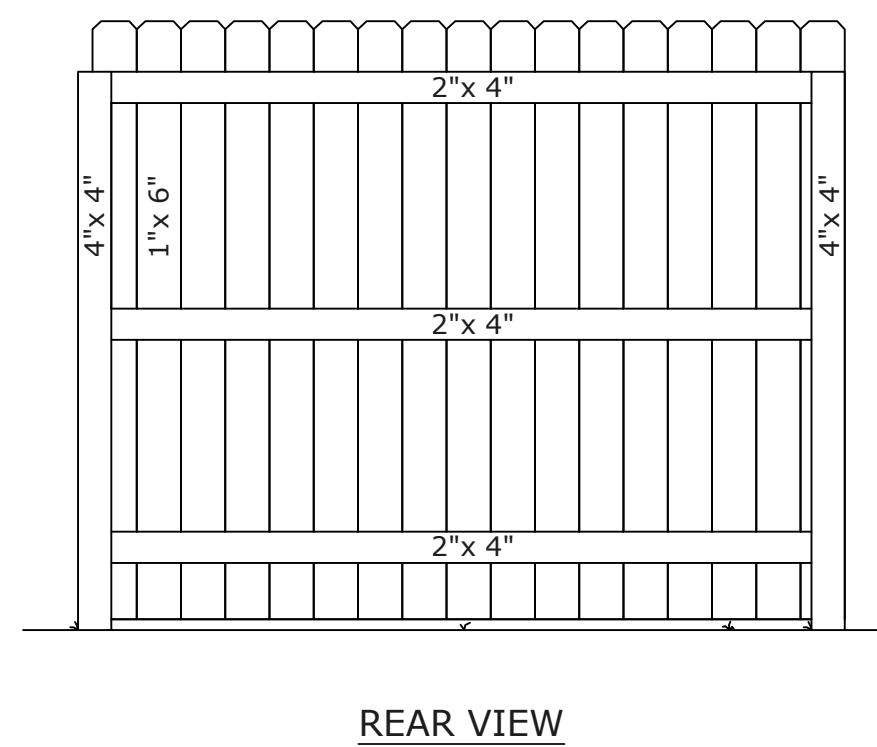
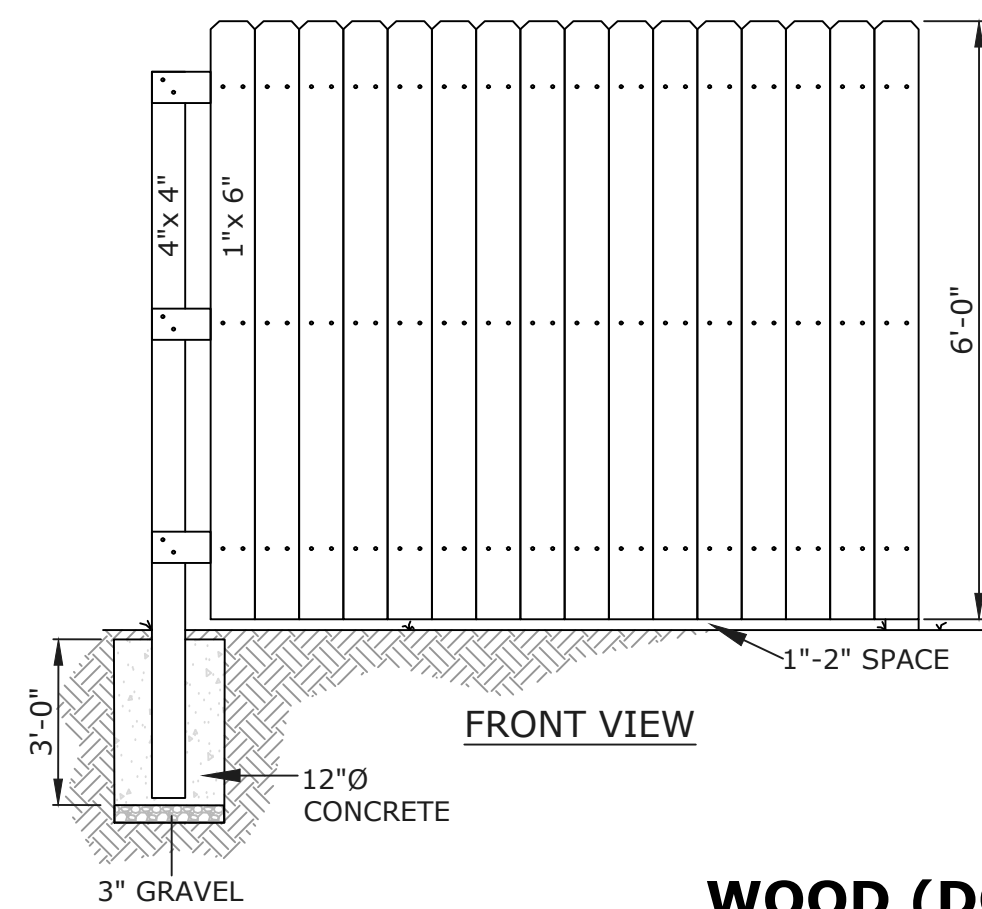
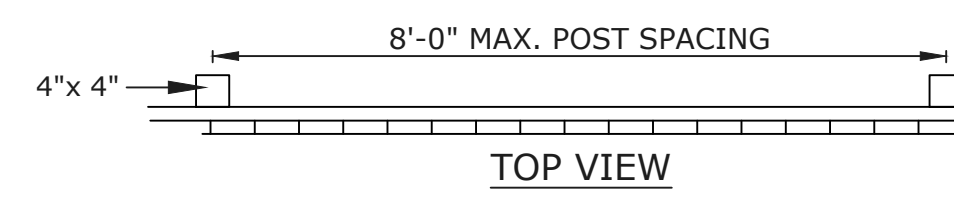
NOT TO SCALE

**MINIMUM THRUST BLOCK DIMENSIONS:  
SURFACE AREA AGAINST UNDISTURBED SOIL**

FITTING PIPE SIZE	DEAD END OR TEE	90° BEND	45° BEND	22.5° BEND
4"	1' X 2'	1.5' X 1.5'	1' X 1.5'	1' X 1'
6"	2' X 2'	2.5' X 2.5'	2' X 1.5'	1' X 1.5'
8"	2.25' X 3'	3' X 3'	2' X 2.5'	1.5' X 1.5'
10"	3.5' X 3'	4' X 3.75'	2.75' X 3'	2' X 2'
12"	4' X 4'	4' X 5'	3' X 4'	2' X 3'
16"	5' X 5.5'	6' X 6.5'	4' X 5'	3' X 3.5'

**NOTES:**

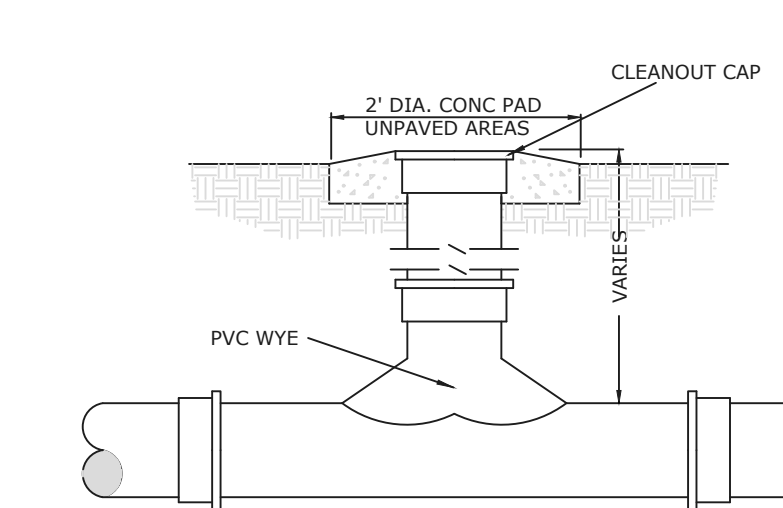
- ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION OF CONCRETE TO FITTING.
- ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL
- THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION
- CONCRETE MIN. 2,500 PSI.
- JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. TRUST BLOCKS REQUIRED ON 90° BENDS, 45° BENDS, TEES, TAPPING SLEEVES, AND DEAD ENDS.
- ALL DEAD ENDS SHALL BE CONSTRUCTED WITH MECHANICAL JOINT RESTRAINTS AND THRUST BLOCKS.



**WOOD (DOG EAR) FENCE**  
NOT TO SCALE

**NOTES:**

- FENCE BOARDS SHALL BE NOT LESS THAN THREE-QUARTER INCH ACTUAL THICKNESS AND ATTACHED WITH TWO (2) GALVANIZED #8D NAILS PER CONNECTION (NO STAPLES).
- STRINGERS SHALL BE NO 2 GRADE OR BETTER; TWO BY FOUR INCH NOMINAL SIZE PRESSURE TREATED PINE; AND THREE STRINGERS TO BE USED WITH FENCES MORE THAN THREE FEET IN HEIGHT, AND FASTENED WITH TWO (2) GALVANIZED #16D NAILS PER CONNECTION.
- POSTS SHALL BE NOT LESS THAN FOUR INCHES BY FOUR INCHES (SQUARE) NOMINAL SIZE OR SIX INCHES IN DIAMETER (ROUND), IF NOT NOTED OTHERWISE, AND TREATED FOR BELOW GRADE PENETRATION; SPACED NOT MORE THAN EIGHT FEET APART.
- ALL LUMBER SHALL BE NO 2 GRADE OR BETTER.
- ALL FASTENERS AND HARDWARE SHALL BE CORROSION RESISTANT.

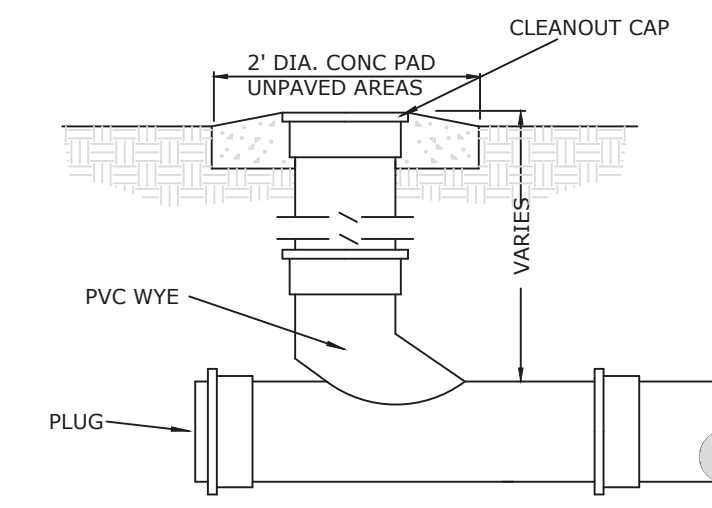


**NOTES:**

- VERTICAL PORTIONS SHALL BE NON-PERFORATED.
- CLEAN-OUT CAP SHALL BE WATER-TIGHT.
- CLEAN-OUTS SHALL INCORPORATE FITTINGS (WYE FITTINGS OR BENDS) THAT HAVE AN ANGLE NO LESS THAN 45° AS MEASURED FROM THE UPSTREAM END OF THE FILTER PIPES.
- CLEAN-OUT CAP SHALL BE IRON FERRULE W/ BRASS COUNTERSUNK SCREW PLUG IN ALL PAVED AREAS. PVC SCREW-CAP IS ACCEPTABLE IN UNPAVED AREAS.

**TWO-WAY CLEAN-OUT DETAIL**

NOT TO SCALE

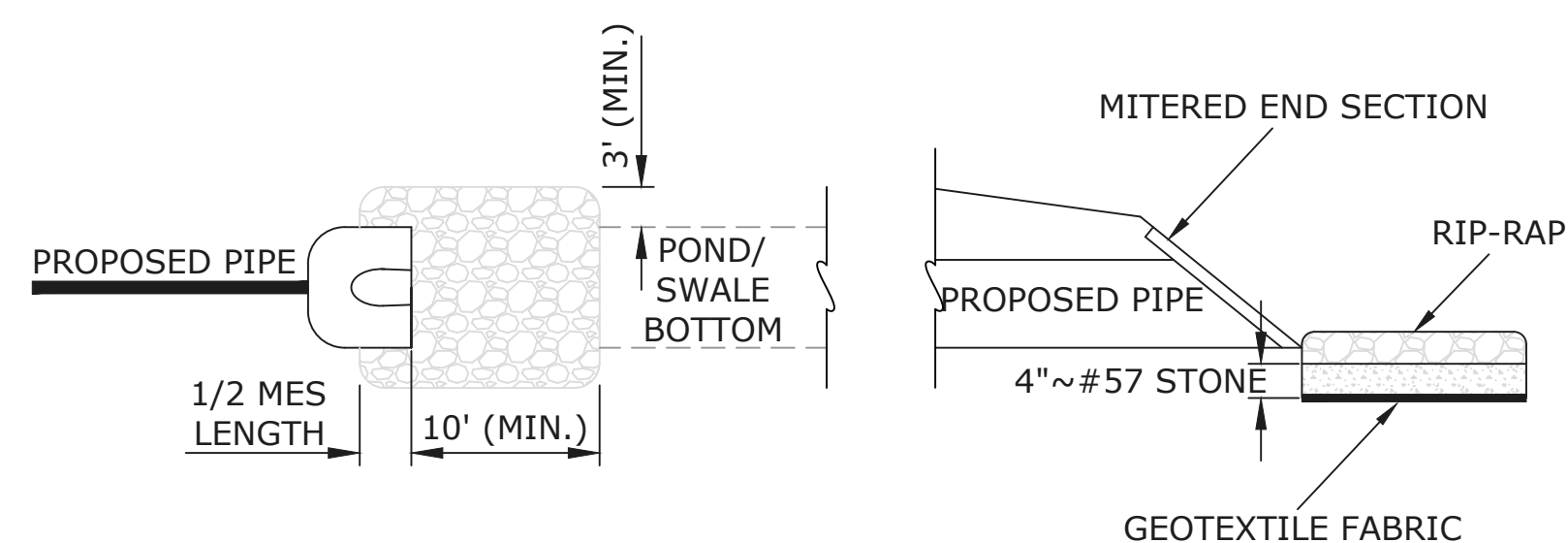


**NOTES:**

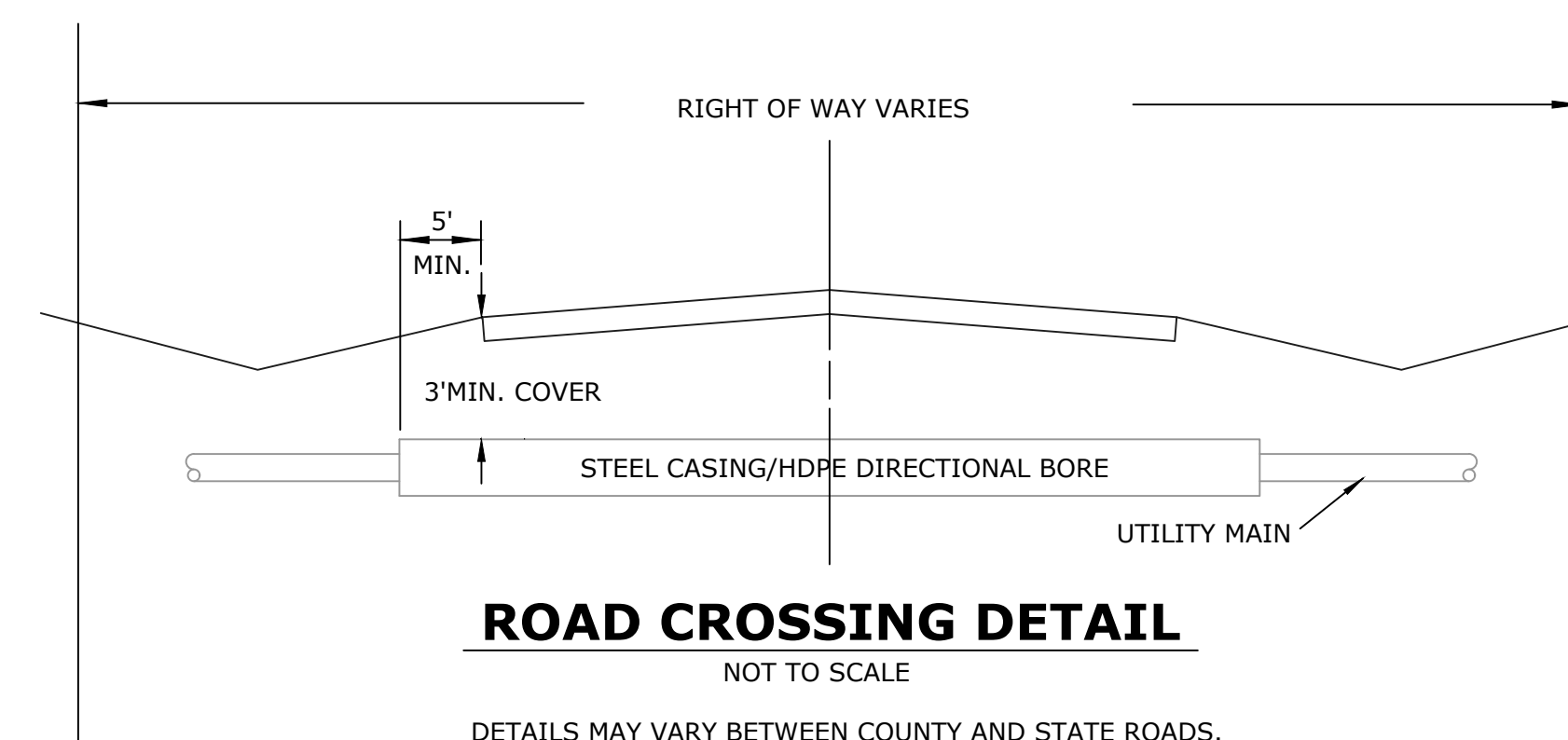
- VERTICAL PORTIONS SHALL BE NON-PERFORATED.
- CLEAN-OUT CAP SHALL BE WATER-TIGHT.
- CLEAN-OUTS SHALL INCORPORATE FITTINGS (WYE FITTINGS OR BENDS) THAT HAVE AN ANGLE NO LESS THAN 45° AS MEASURED FROM THE UPSTREAM END OF THE FILTER PIPES.
- CLEAN-OUT CAP SHALL BE IRON FERRULE W/ BRASS COUNTERSUNK SCREW PLUG IN ALL PAVED AREAS. PVC SCREW-CAP IS ACCEPTABLE IN UNPAVED AREAS.

**ONE-WAY CLEAN-OUT DETAIL**

NOT TO SCALE



**RIP-RAP INSTALLATION DETAIL**  
NOT TO SCALE

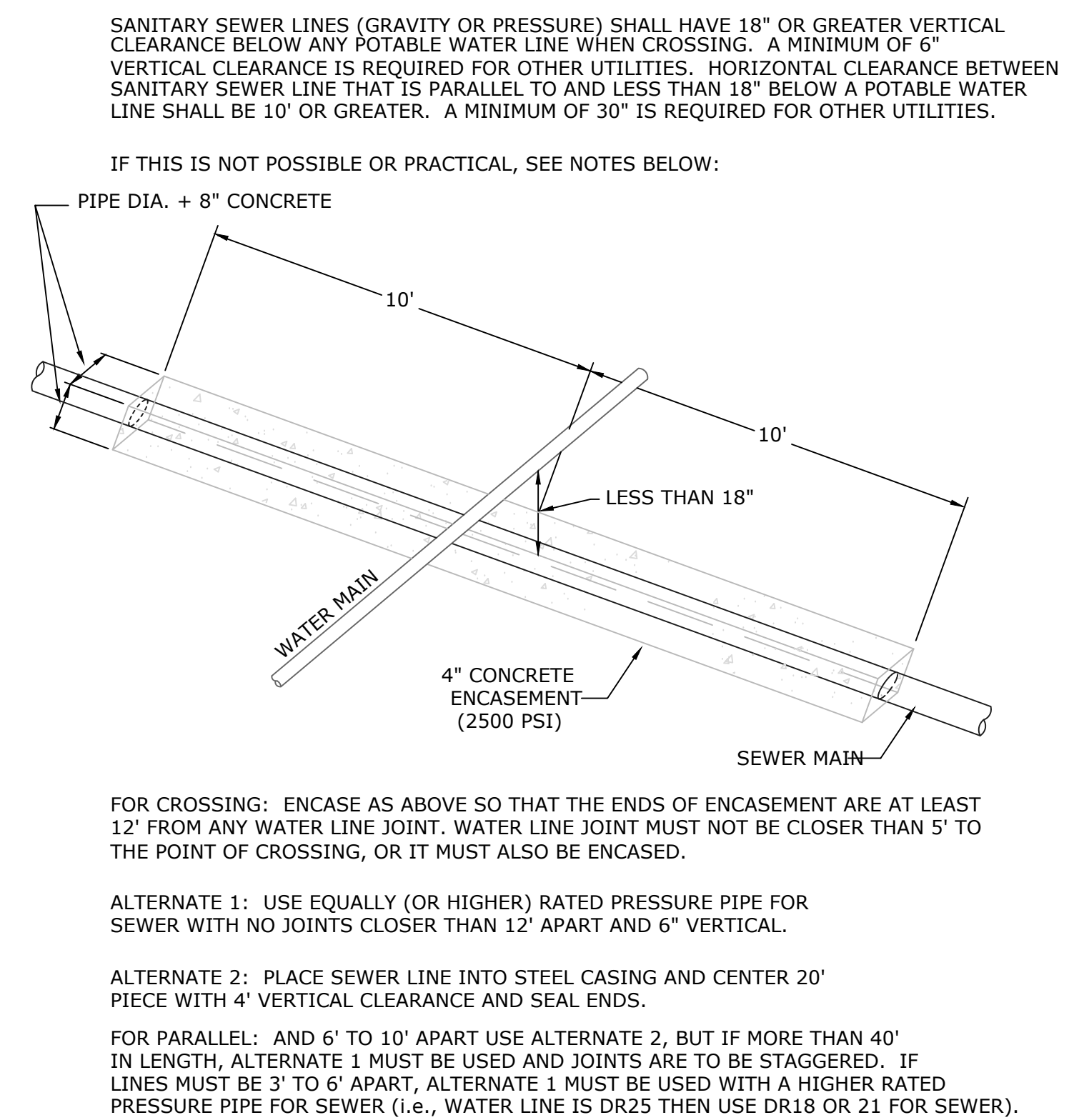
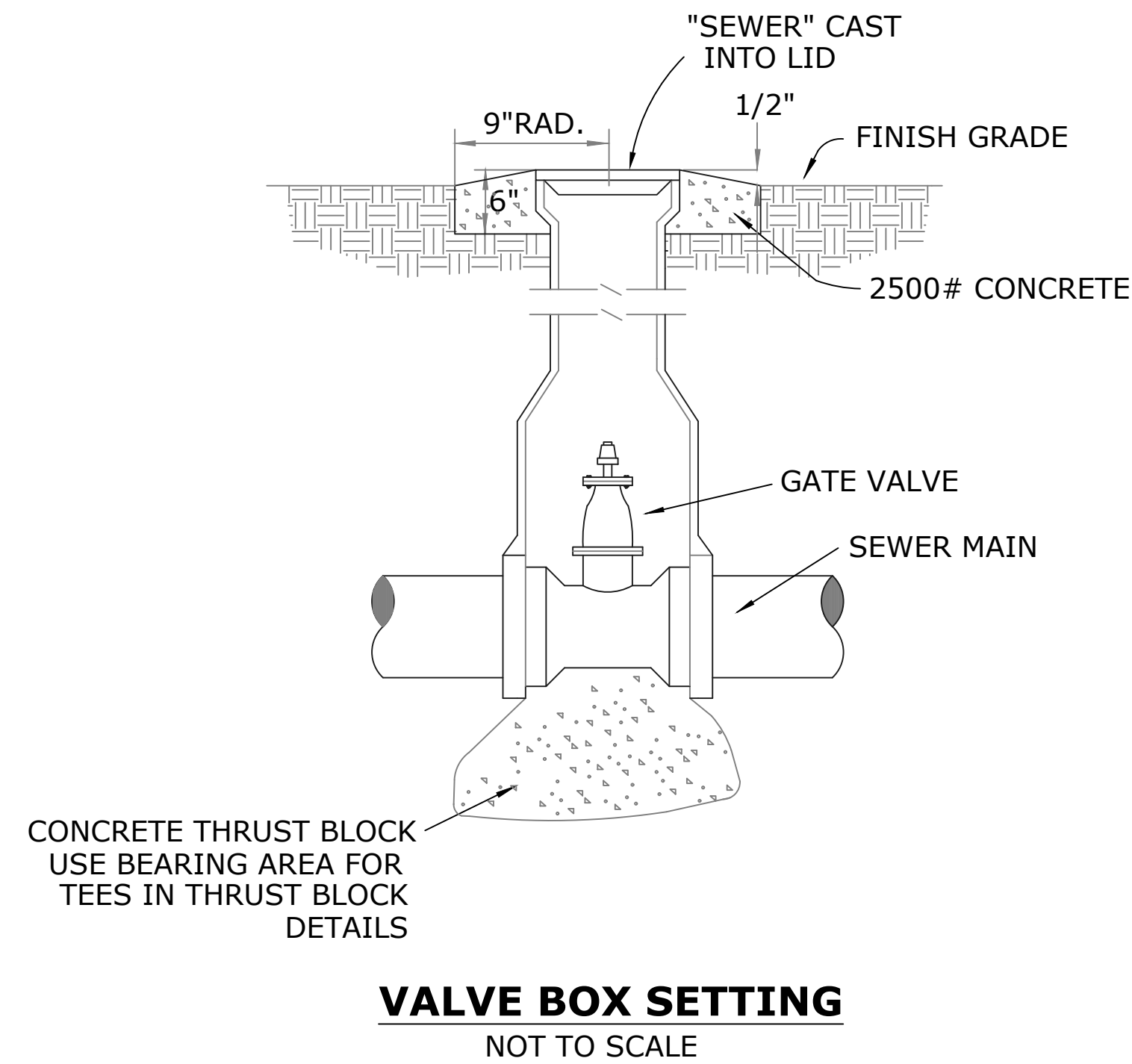
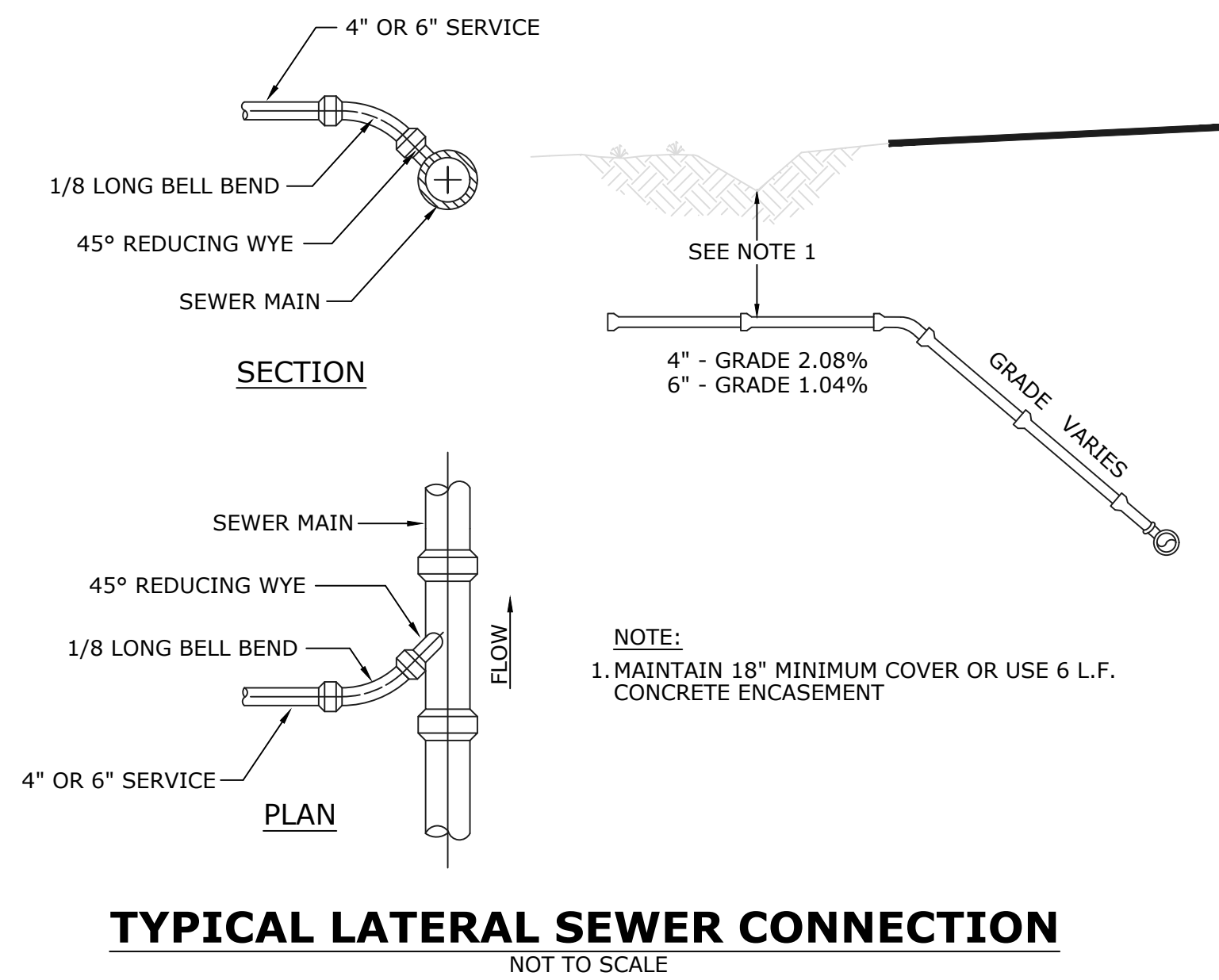


**ROAD CROSSING DETAIL**

NOT TO SCALE

DETAILS MAY VARY BETWEEN COUNTY AND STATE ROADS.  
CHECK FOR CURRENT STANDARDS.

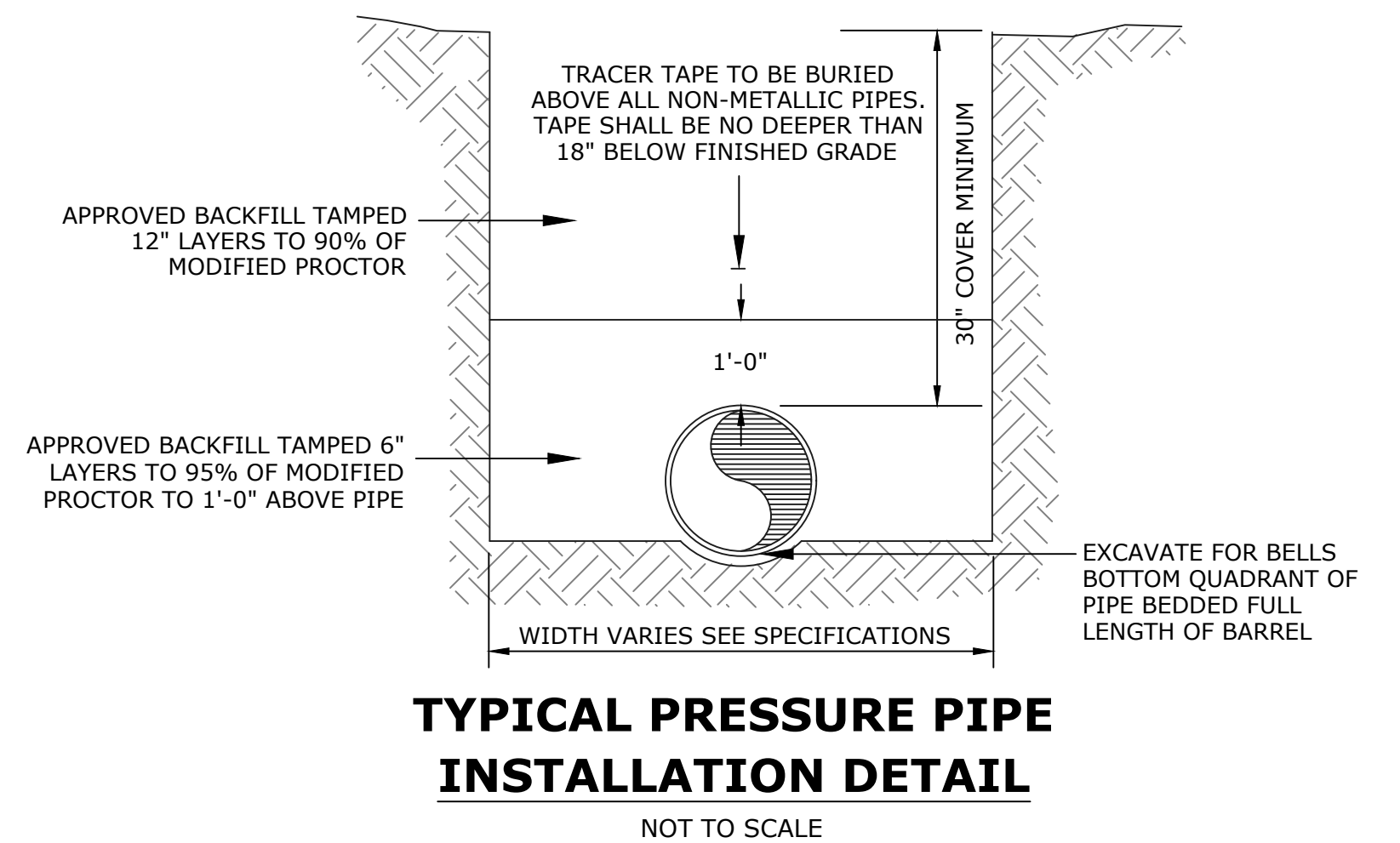
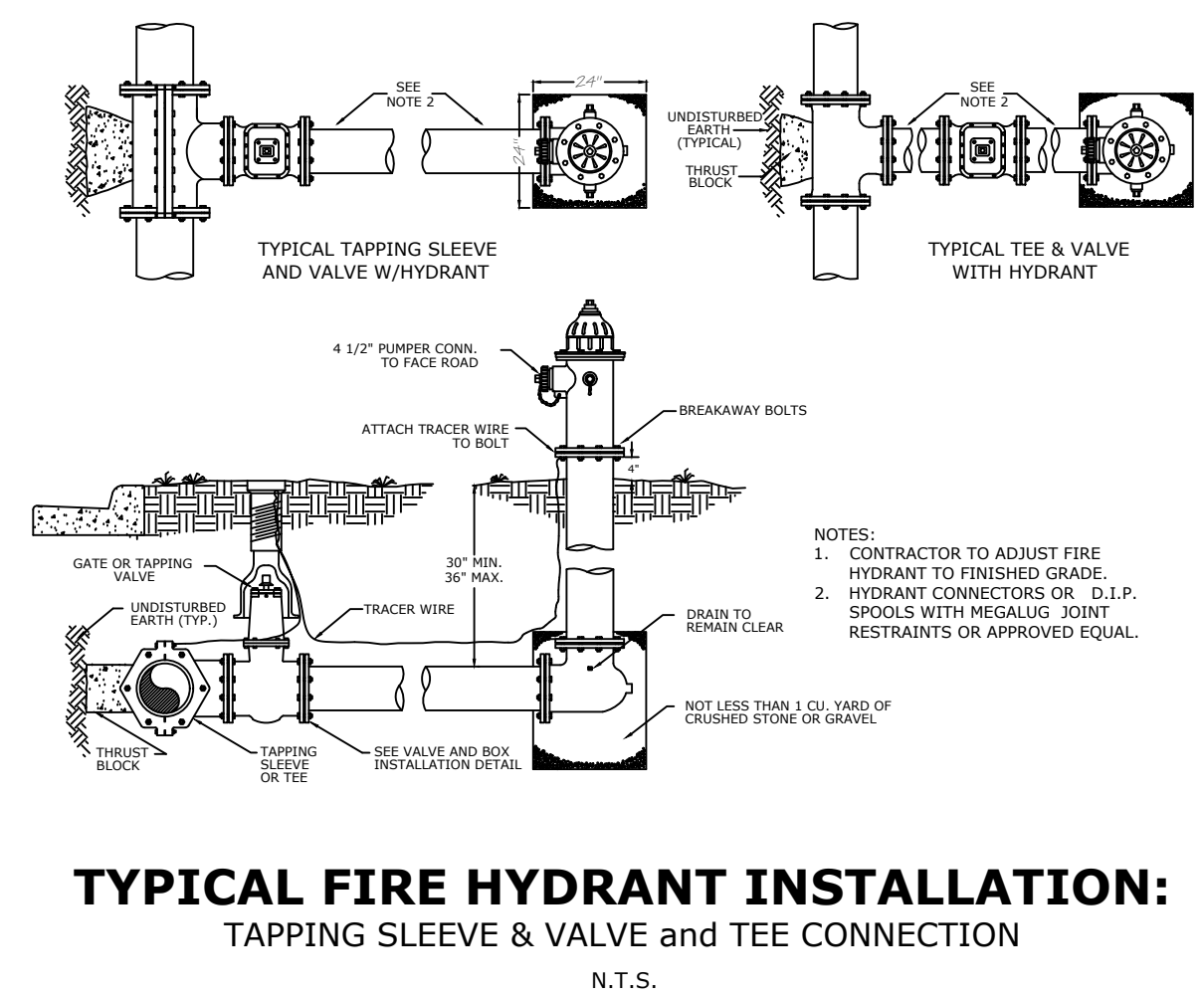
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PIPE SIZE	SPECIFICATION	I.D. INCHES	GALLS/100'	CHLORINE REQUIRED PER 100' FOR 25ppm	CHLORINE REQUIRED PER 100' FOR 50ppm
2"	D2241 DR26	2.193"	20	0.10 oz.	0.20 oz.
3"	D2241 DR26	3.230"	43	0.22 oz.	0.44 oz.
4"	C-900 DR18	4.230"	73	0.37 oz.	0.75 oz.
	C-900 DR25	4.390"	79	0.40 oz.	0.81 oz.
6"	C-900 DR18	6.090"	151	0.78 oz.	1.55 oz.
	C-900 DR25	6.300"	162	0.83 oz.	1.66 oz.
8"	C-900 DR18	7.980"	260	1.33 oz.	2.67 oz.
	C-900 DR25	8.280"	280	1.44 oz.	2.87 oz.
12"	C-900 DR18	11.650"	554	2.84 oz.	5.69 oz.
	C-900 DR25	12.080"	595	3.06 oz.	6.12 oz.
16"	C-905 DR18	15.470"	977	5.01 oz.	10.03 oz.
	C-905 DR25	16.010"	1,046	5.37 oz.	10.74 oz.
20"	C-905 DR18	19.200"	1,504	7.72 oz.	15.45 oz.
	C-905 DR25	19.870"	1,611	8.27 oz.	16.55 oz.
24"	C-905 DR18	N/A	N/A	N/A	N/A
	C-905 DR25	23.742"	2,300	11.81 oz.	23.62 oz.

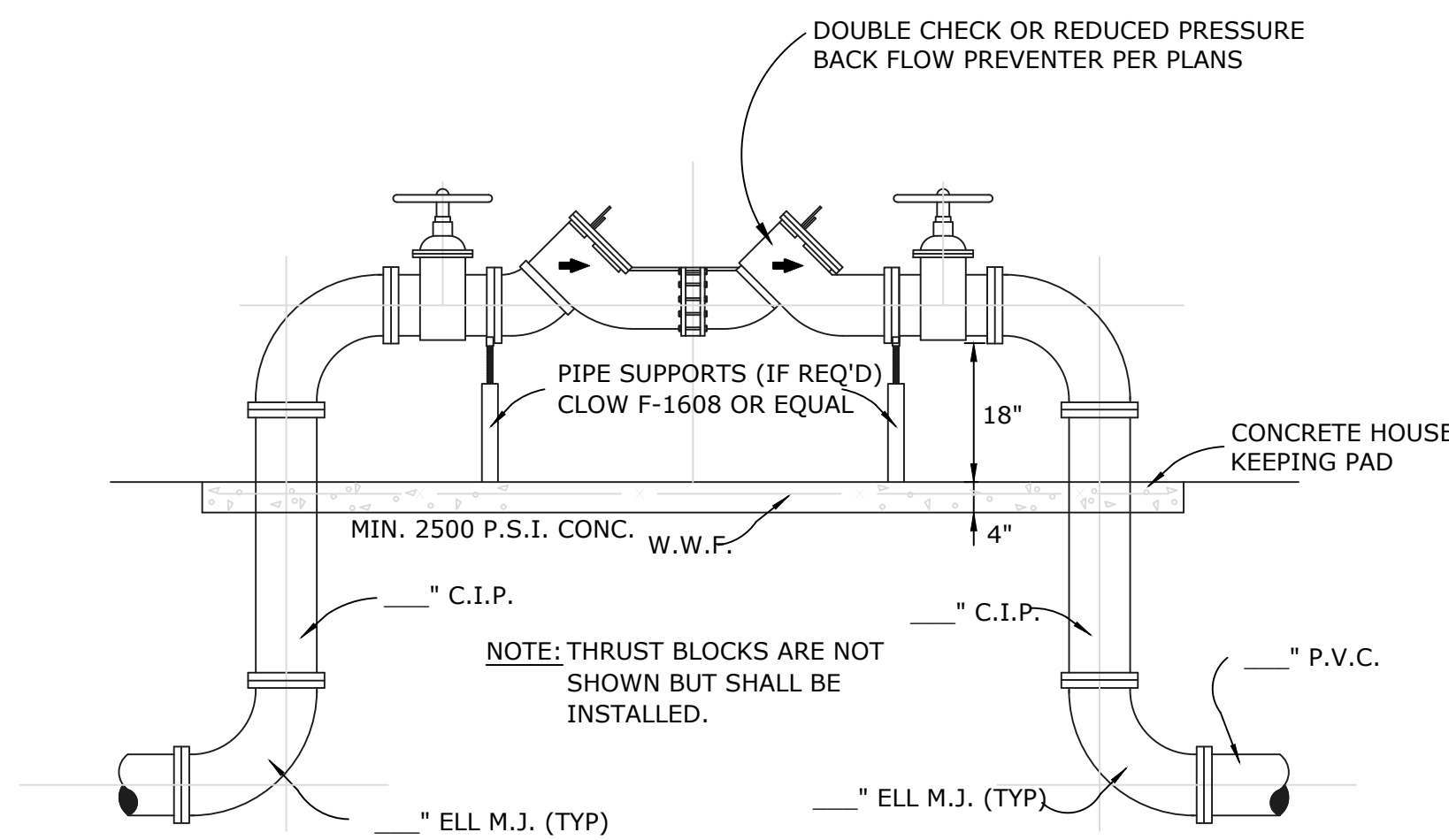
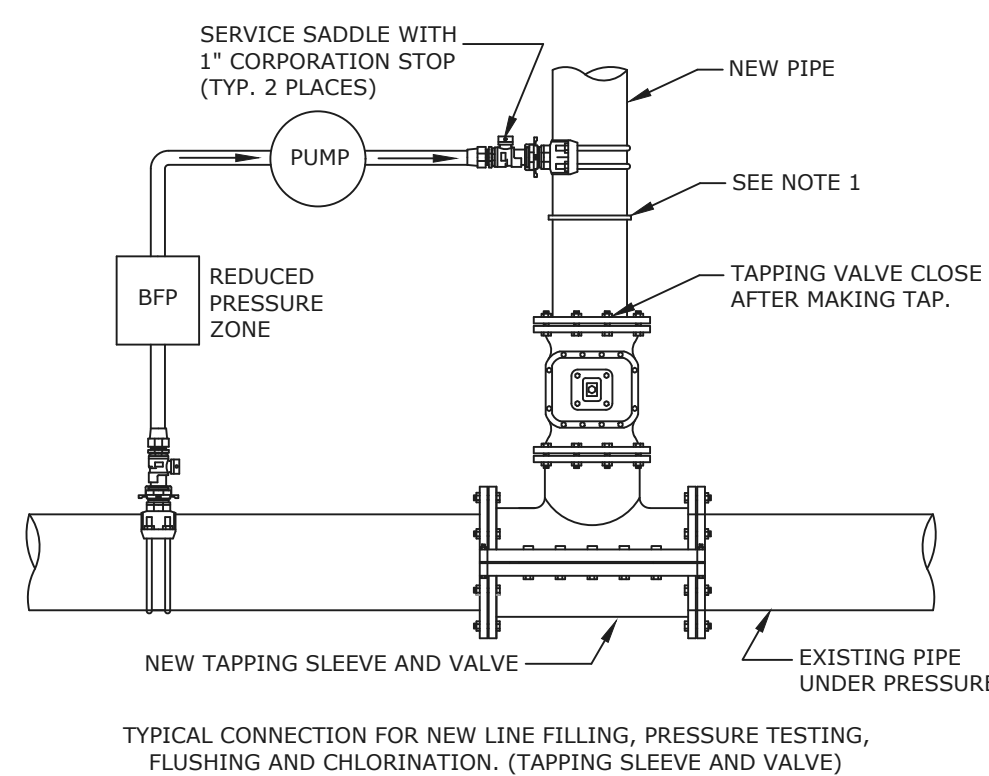
NOTE:  
 - 16", 20" AND 24" PIPE SIZES ARE C.I.O.D.  
 - FOR HTH WITH 65% AVAILABLE CHLORINE  
 - 1 US GALLON WEIGHS 8.345 #  
 - APPROX. 1 oz./100 gal FOR 50 ppm  
 - APPROX. 0.5 oz./100 gal FOR 25 ppm

**CHLORINE REQUIRED FOR STERILIZATION**  
NOT TO SCALE

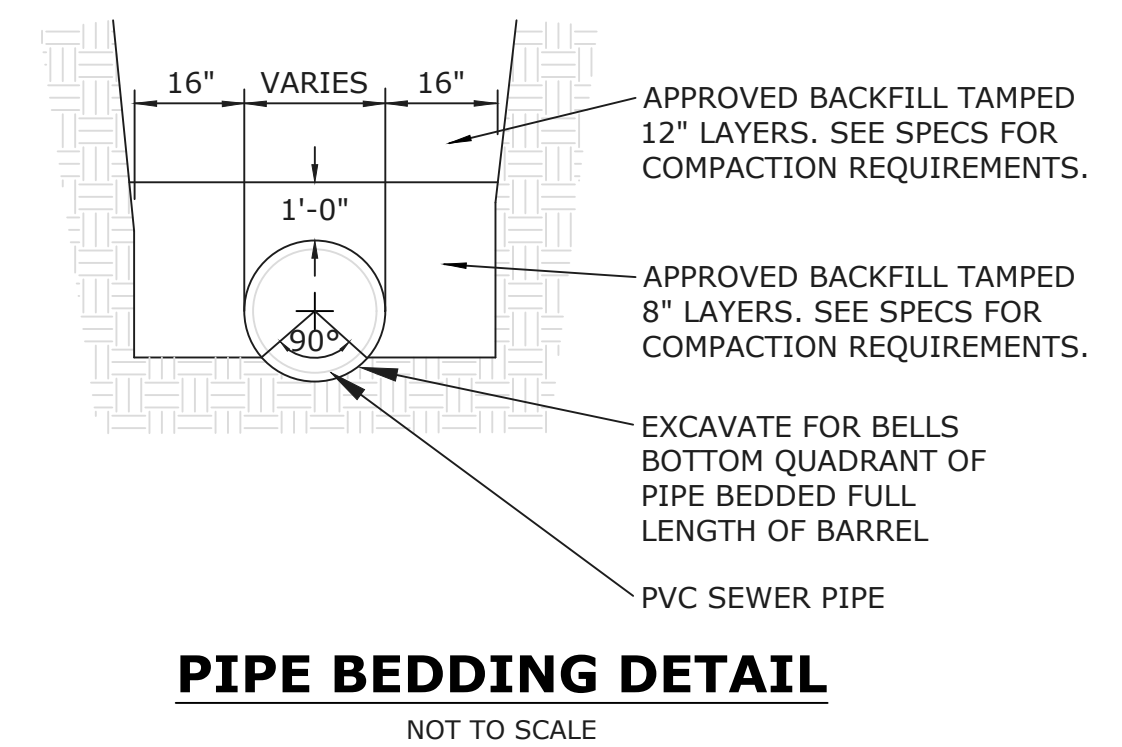


**NOTES:**

- NEW PIPE SHALL BE CAPPED OR PLUGGED FOR PRESSURE TEST. ONCE TEST IS SATISFACTORILY COMPLETED NEW MAIN IS TO BE CONNECTED TO THE TAPPING VALVE. TAPPING VALVE IS TO REMAIN CLOSED.
- THE CONTRACTOR SHALL FLUSH LINE PRIOR TO STARTING THE CHLORINATION PROCEDURE. ALL FLUSHING SHALL BE DONE THROUGH THE TAPPING VALVE WITH ALL HYDRANTS AND SERVICE LINES OPEN.
- ONCE SATISFACTORY BACTERIOLOGICAL SAMPLES ARE OBTAINED THE CONTRACTOR SHALL CLOSE BOTH CORPORATION STOPS AND REMOVE SERVICE TUBING, PUMP AND BACK FLOW PREVENTER; CAP CORPORATION STOPS WITH BRASS CAPS.
- CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR FILLING, CHLORINATING AND TESTING PROCEDURES.



- NOTES:
- ABOVE GROUND PIPING, VALVES, AND BACKFLOW PREVENTER TO BE INSTALLED INSIDE INSULATED ENCLOSURE.
  - SHUTOFF VALVES ON THE FIRE LINE BACKFLOW PREVENTER SHALL BE ELECTRONICALLY SUPERVISED WITH TAMPER SWITCHES. CHAINS AND LOCKS ARE NOT ACCEPTABLE, COORDINATE WITH ELECTRICAL PLANS.
  - BACKFLOW PREVENTER ON FIRE LINE SHALL HAVE INDICATING VALVES (OS&Y).



TOWNES + ARCHITECTS, P.A.  
 ARCHITECTS - PLANNERS  
 2421 NORTH 12<sup>th</sup> AVENUE, PENSACOLA, FL 32503  
 PH: (850) 433-0203  
 AA-26001051

**CIVIL DETAILS**

HOLT FIRE DISTRICT  
 CENTRAL FIRE STATION #1  
 630 US HIGHWAY 90 WEST, HOLT, FLORIDA

Dale E. Long, P.E.

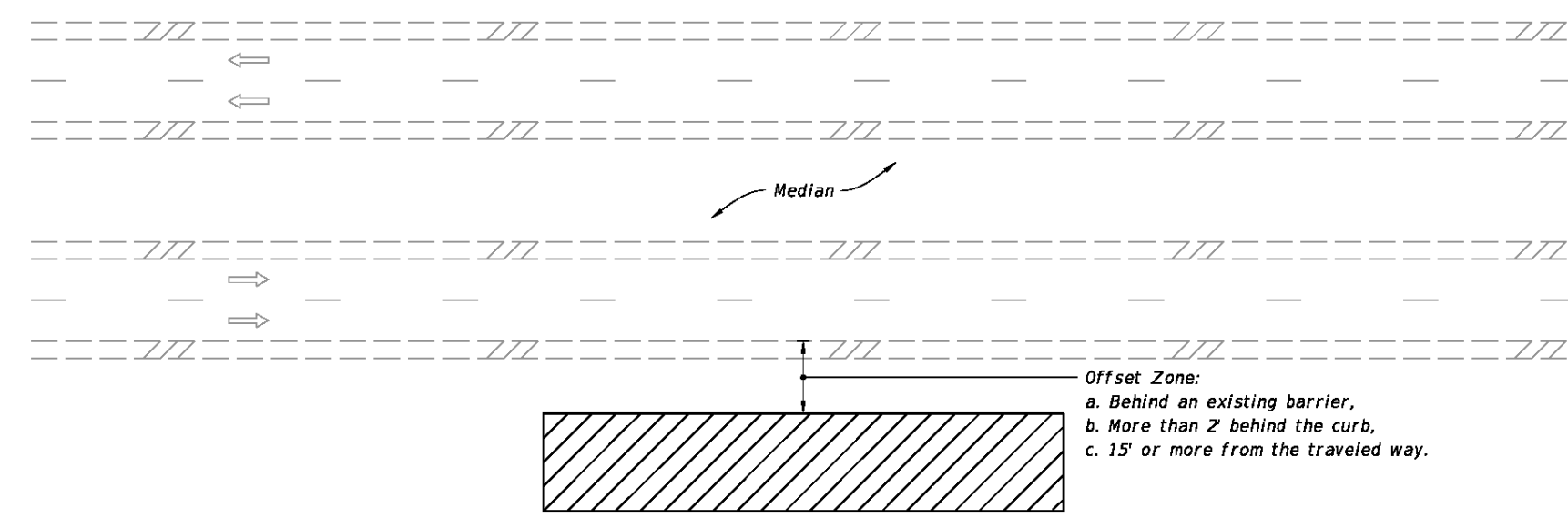
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CONSTRUCTION DOCS
Scale: AS NOTED
Date: 12.18.2023
Drawn: EMD
Checked: DEL

**C-303**  
SHEET # 17 OF 19



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MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR

**NOTES:**

- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
- Use Index 102-602 when the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.
- Use Index 102-660 when Work Area encroaches a Sidewalk.

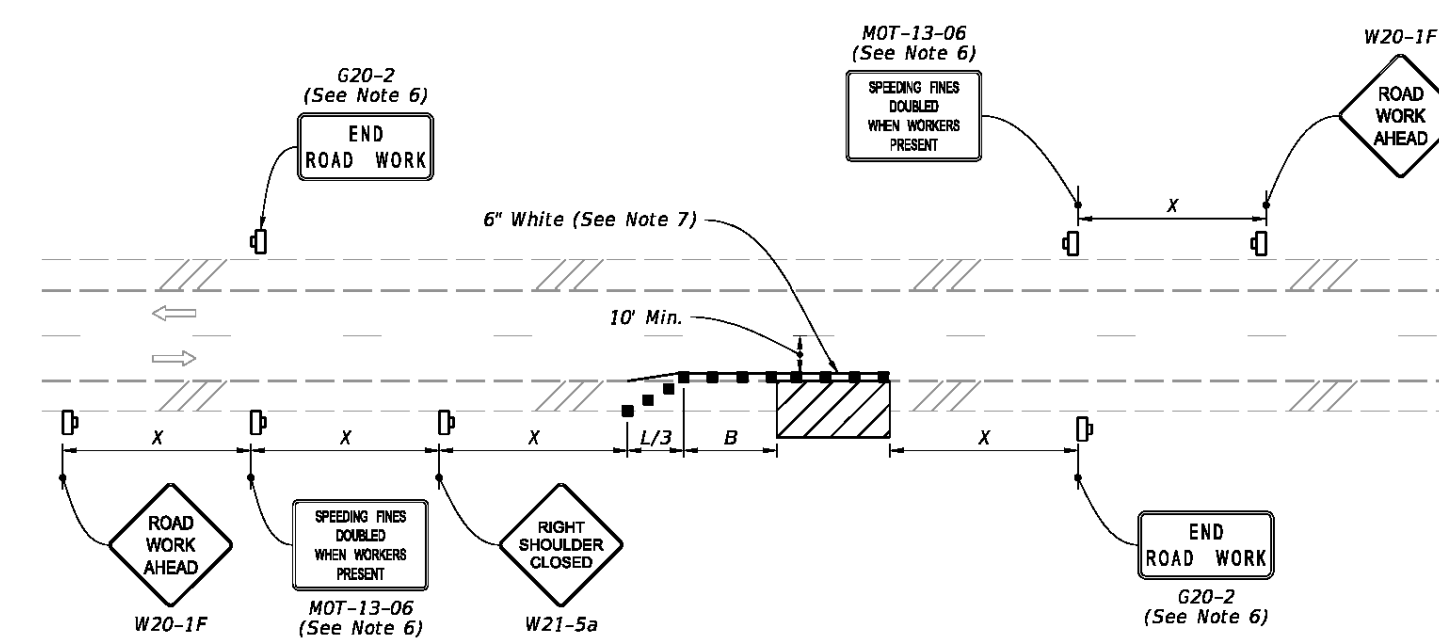
**SYMBOLS:**

- Work Area
- Lane Identification and Direction of Traffic

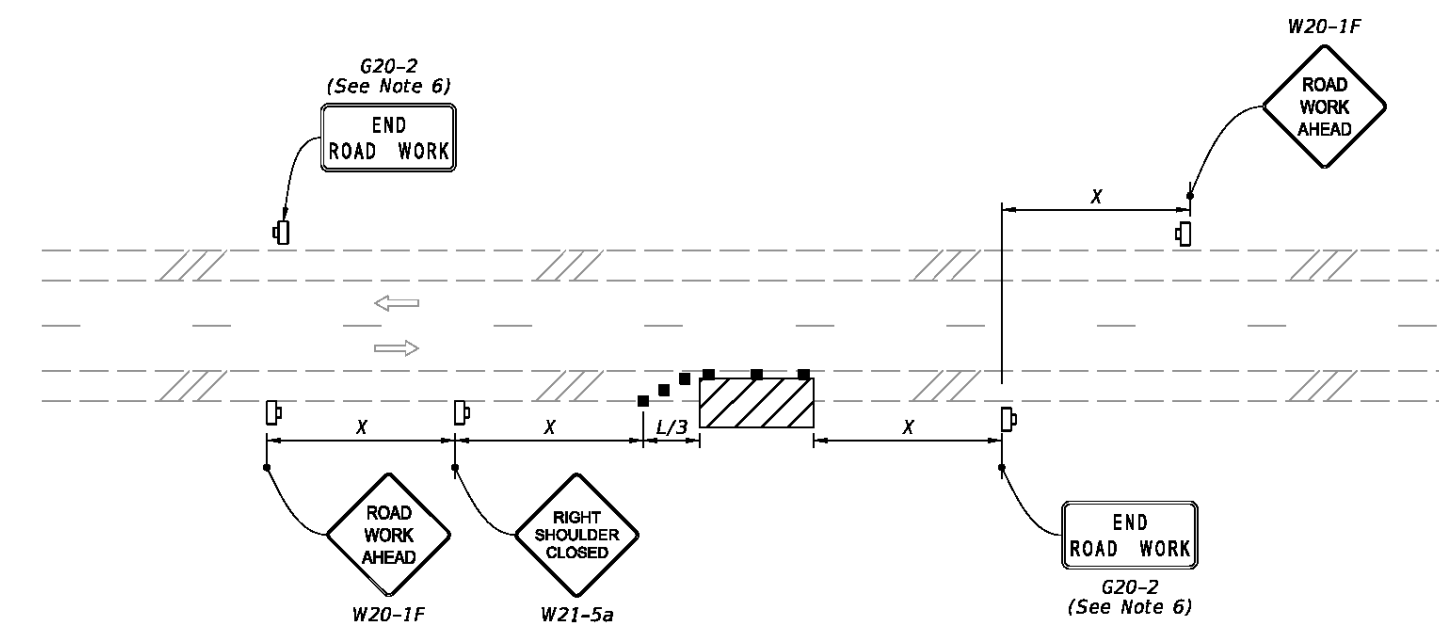
LAST REVISION 11/01/20	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	TWO-LANE AND MULTILANE ROADWAY, WORK BEYOND THE SHOULDER	INDEX 102-601	SHEET 1 of 1
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**NOTE:**

- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
- L = Taper Length  
X = Work Zone Sign Spacing  
B = Buffer Length  
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
- Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
- When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
- For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
- The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
- Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
- Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
- When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).



TWO-LANE ROADWAY  
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY  
WITH WORK ZONE SPEED OF 45 MPH OR LESS

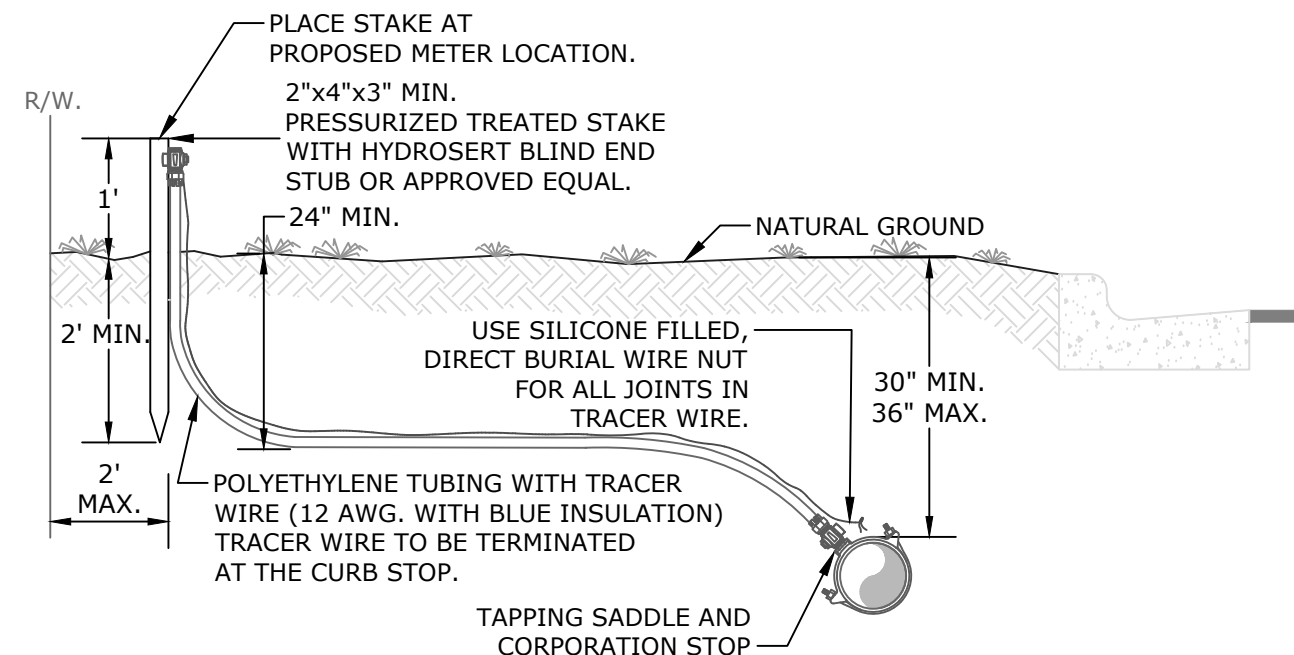


TWO-LANE ROADWAY  
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

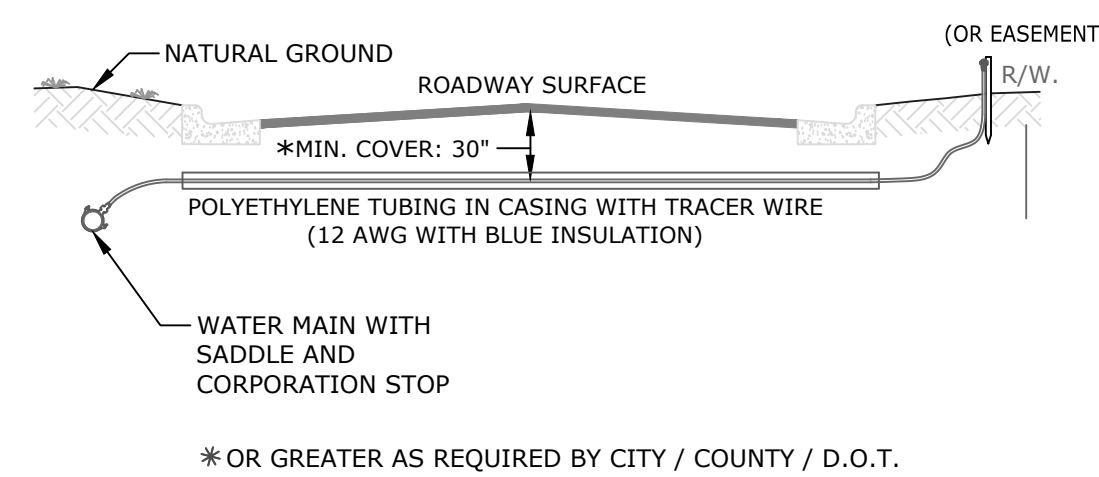
**SYMBOLS:**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

LAST REVISION 11/01/21	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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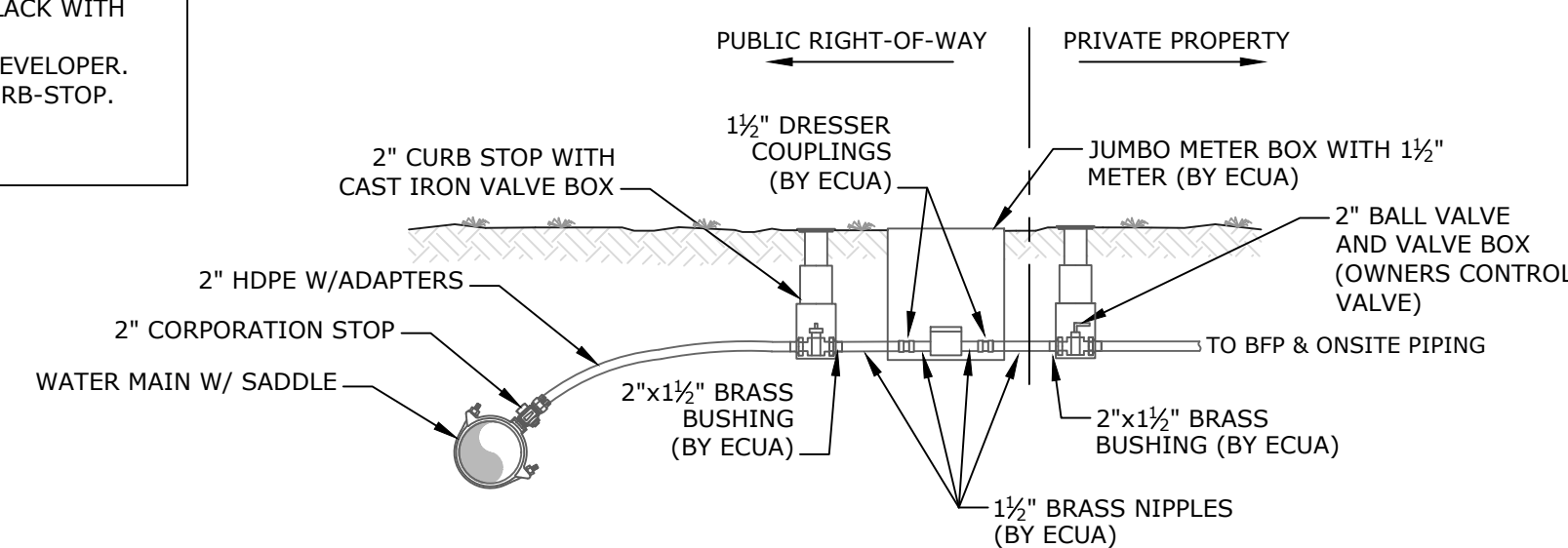
TYPICAL SHORT SERVICE



TYPICAL LONG SERVICE - STREET CROSSING

- GENERAL NOTES:**
- SERVICE LINES TO BE TERMINATED WITHIN 2 FEET OF THE R/W LINE BUT NOT UNDER ANY TYPE OF PAVEMENT.
  - ALL WATER SERVICES SHALL BE INSTALLED 1 FOOT OFF THE COMMON PROPERTY LINE, ON THE OPPOSITE PROPERTY LINE FROM THE PROPOSED ELECTRICAL TRANSFORMERS. THE OWNER/DEVELOPER SHALL COORDINATE THE LOCATION OF THE WATER METER WITH THE POWER COMPANY PRIOR TO INSTALLATION.
  - CASING SHALL BE PVC OR HDPE AND SHALL BE COLOR CODED BLUE OR BLACK WITH BLUE STRIPING.
  - ALL METER BOXES AND PLUMBING SHALL BE INSTALLED BY THE OWNER/DEVELOPER. ALL METERS SHALL BE INSTALLED BY ECUA BY CONNECTING METER TO CURB-STOP.

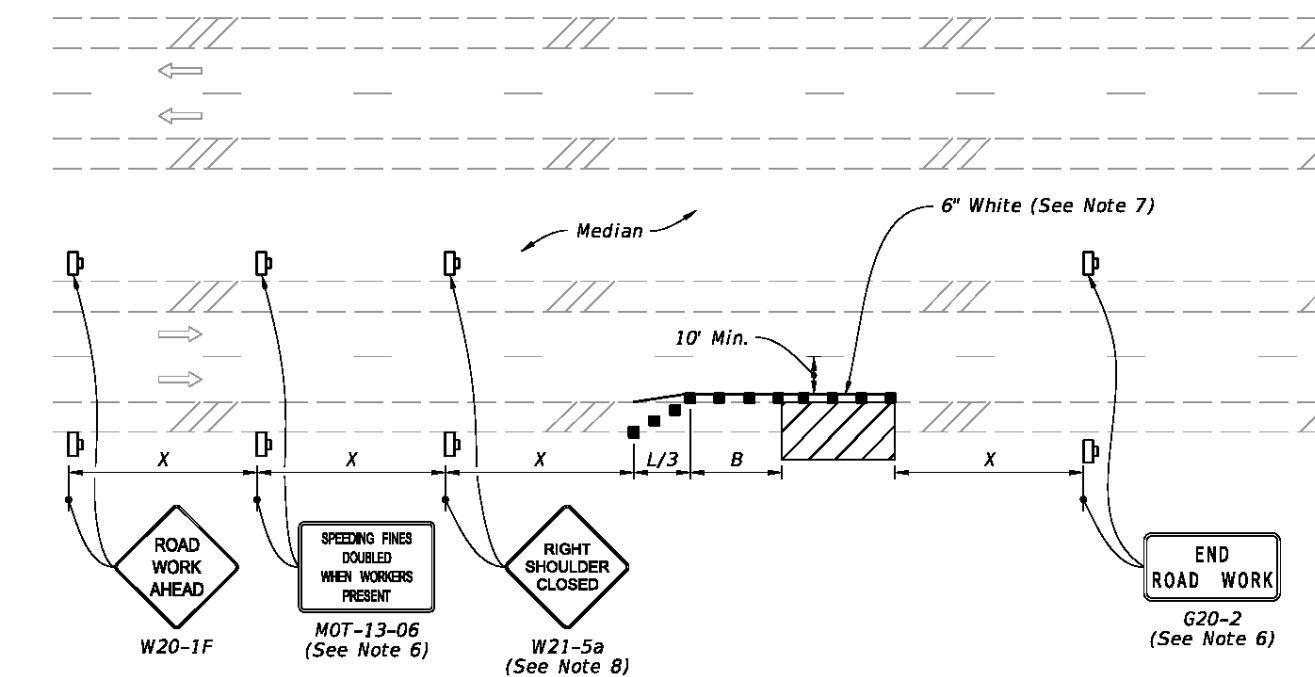
**1 1/2" WATER METER ASSEMBLY**



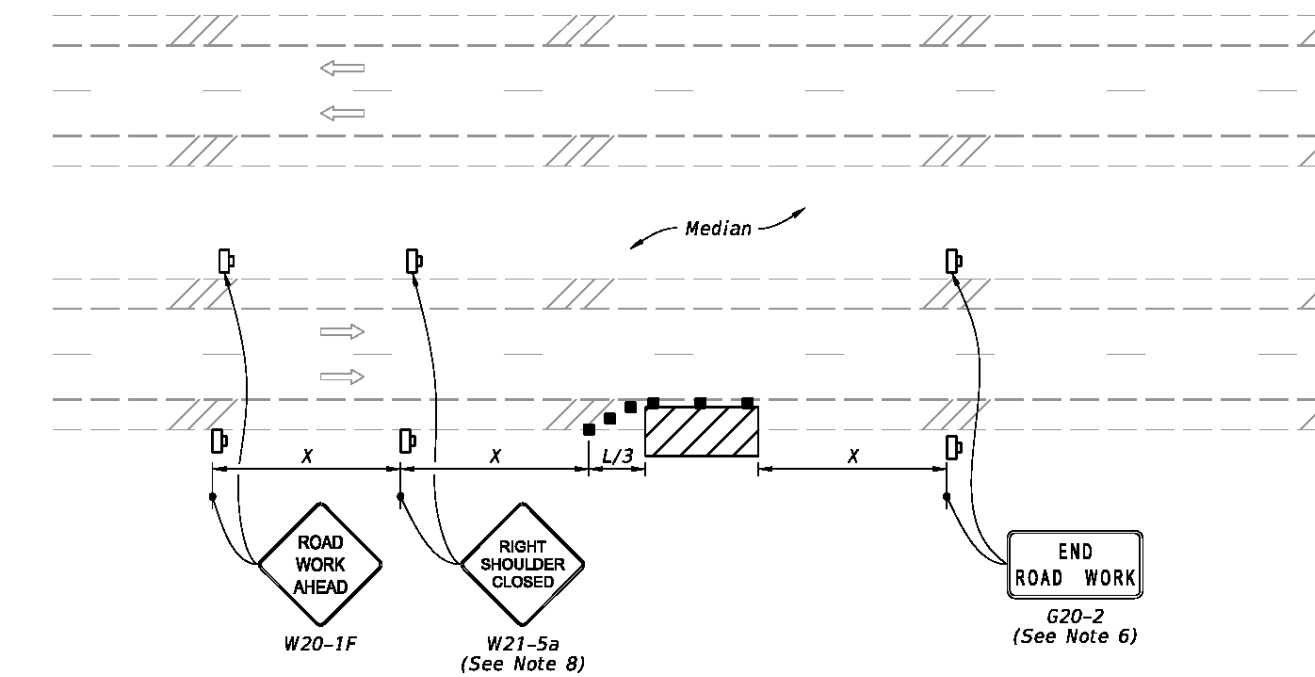
RECOMMENDED TUBING SIZES FOR WATER SERVICES		
SIZE OF METER	DESIGN FLOW (GPM)	MAX. LENGTH OF TUBING FOR SIZE INDICATED
		1"      2"
3/4"	20	92      2679
1"	50	17      492
1 1/2"	100	136
SIZE OF CASING (LONG SERVICE ONLY)		2"      4"

**WATER SERVICE CONNECTION**

NOT TO SCALE



MULTILANE ROADWAY  
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY  
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY  
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

**SYMBOLS:**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

LAST REVISION 11/01/20	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 2 of 2
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ARCHITECTS - PLANNERS  
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AA-26001051

**CIVIL DETAILS**

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

Dale E. Long, P.E.

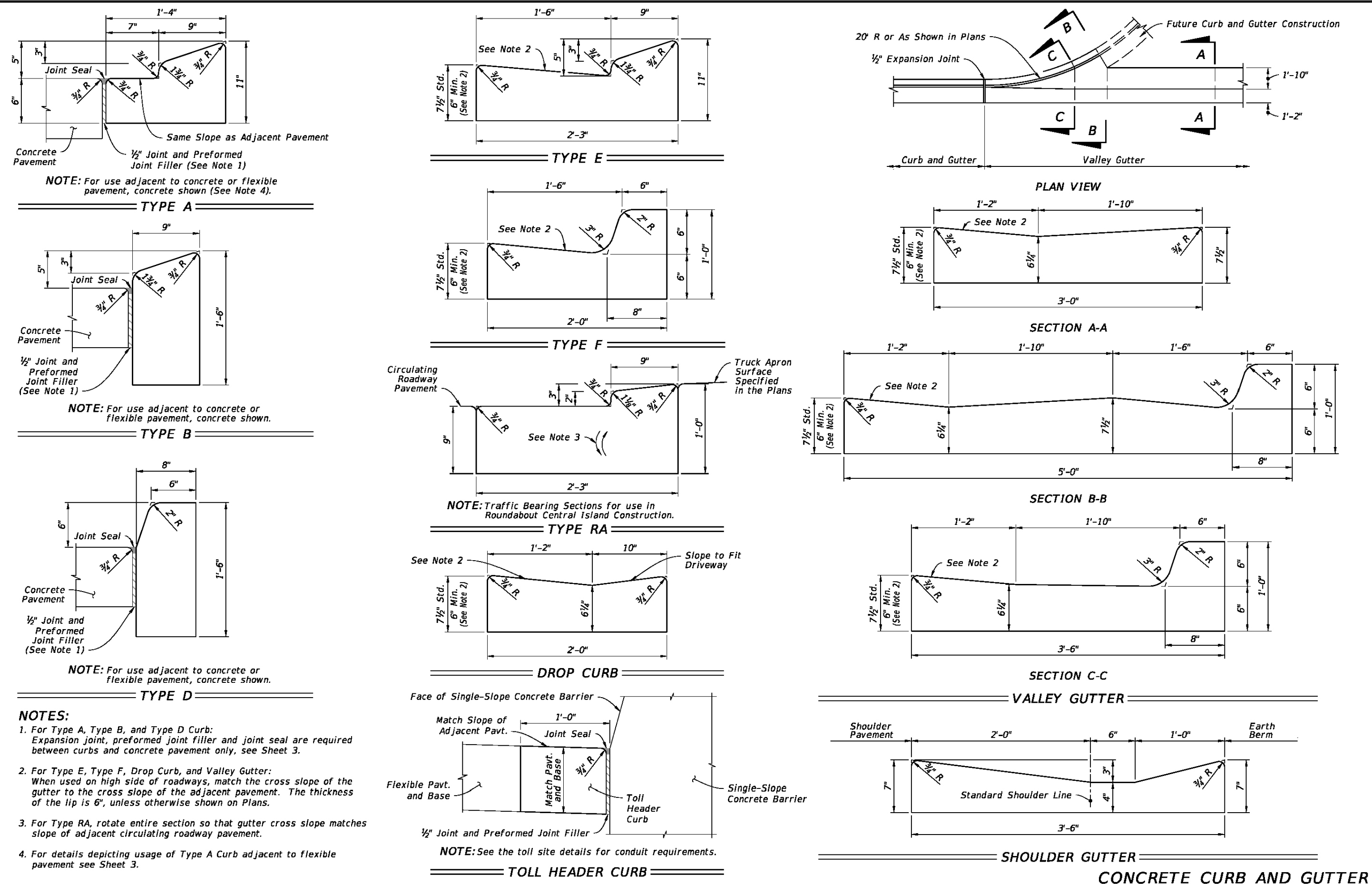
P.E. #55393

CONSTRUCTION DOCS	Scale:	AS NOTED
Date:	12.18.2023	
Drawn:	EMD	Checked:
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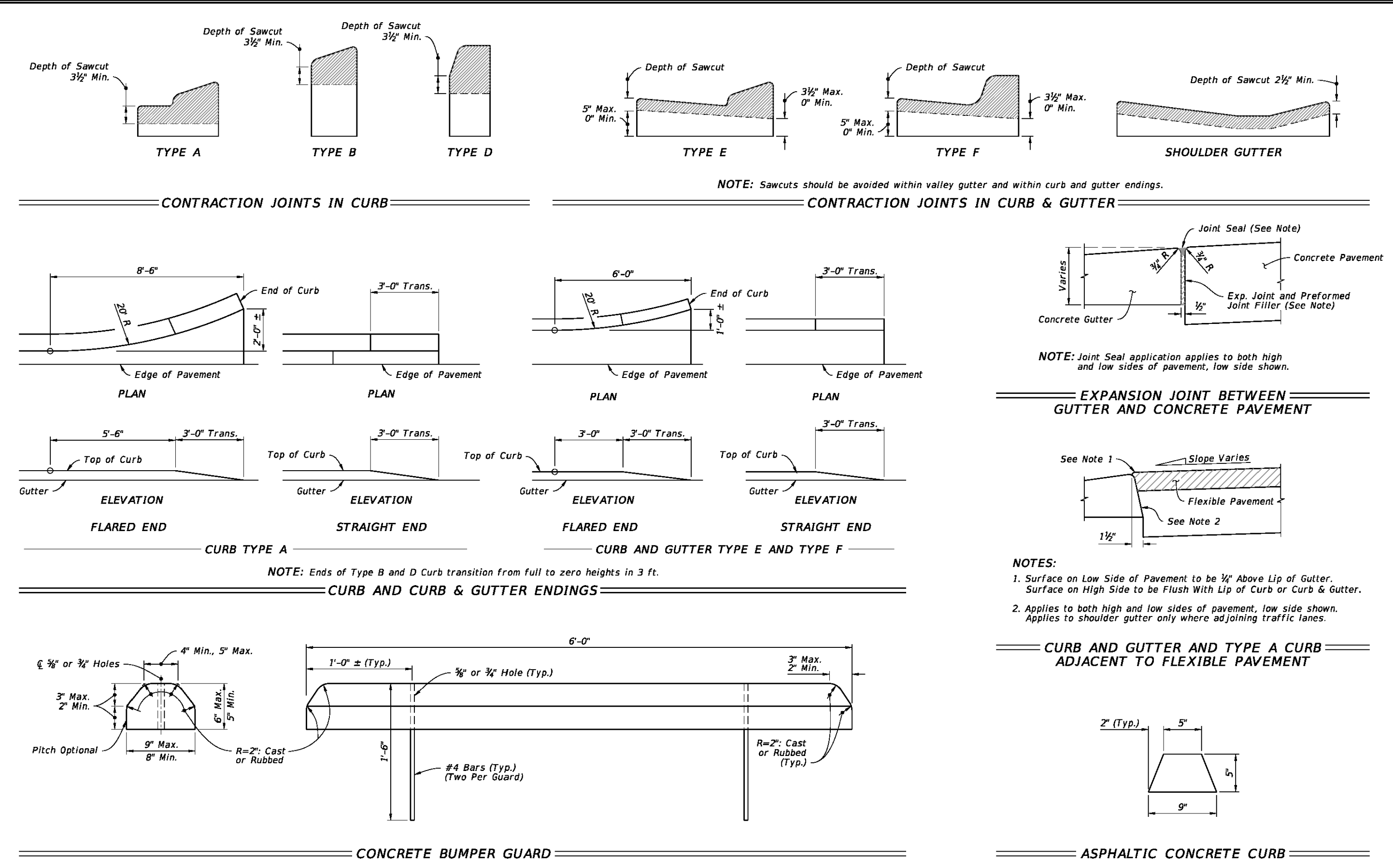
C-304  
SHEET # 18 OF 19



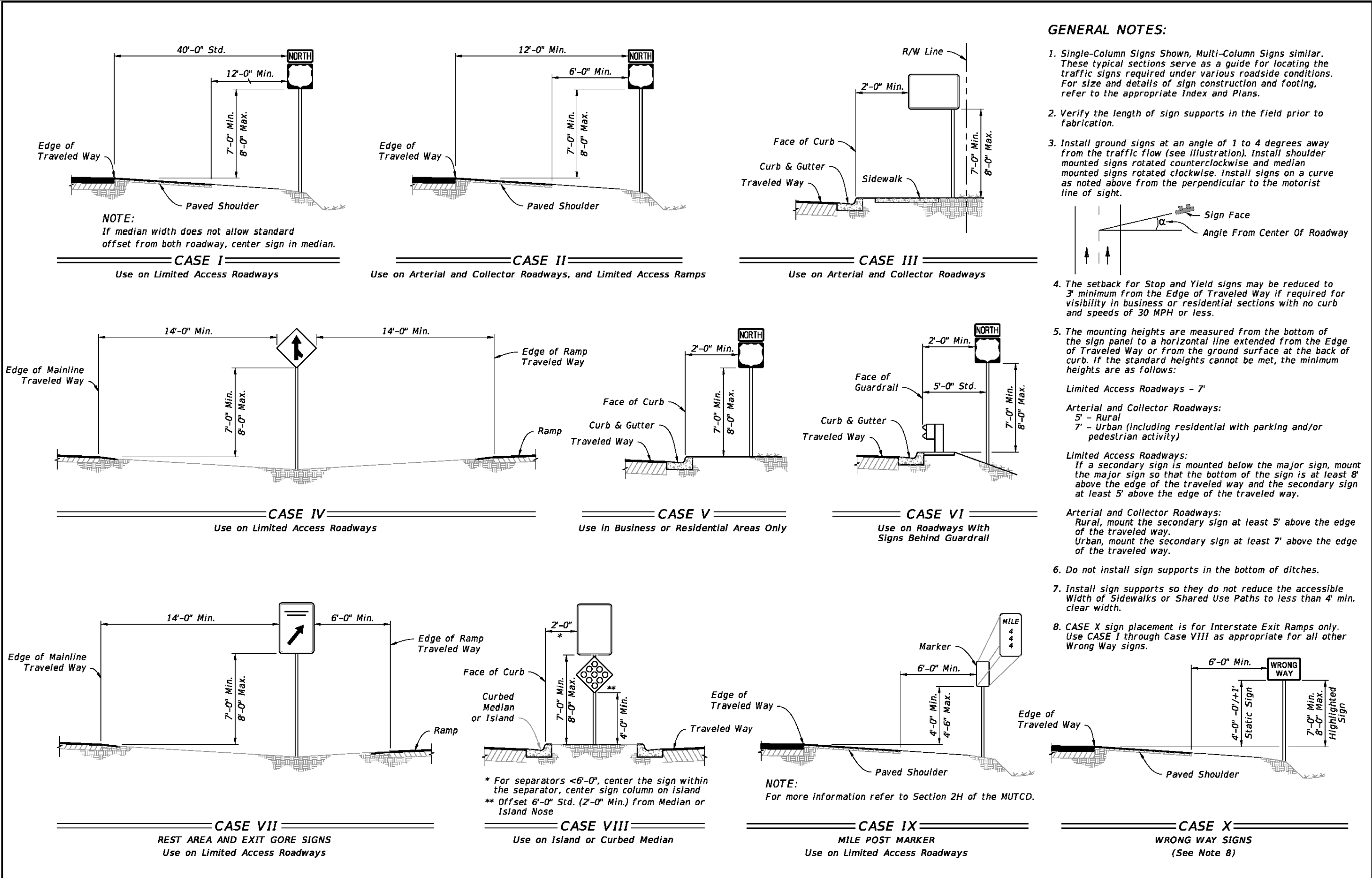
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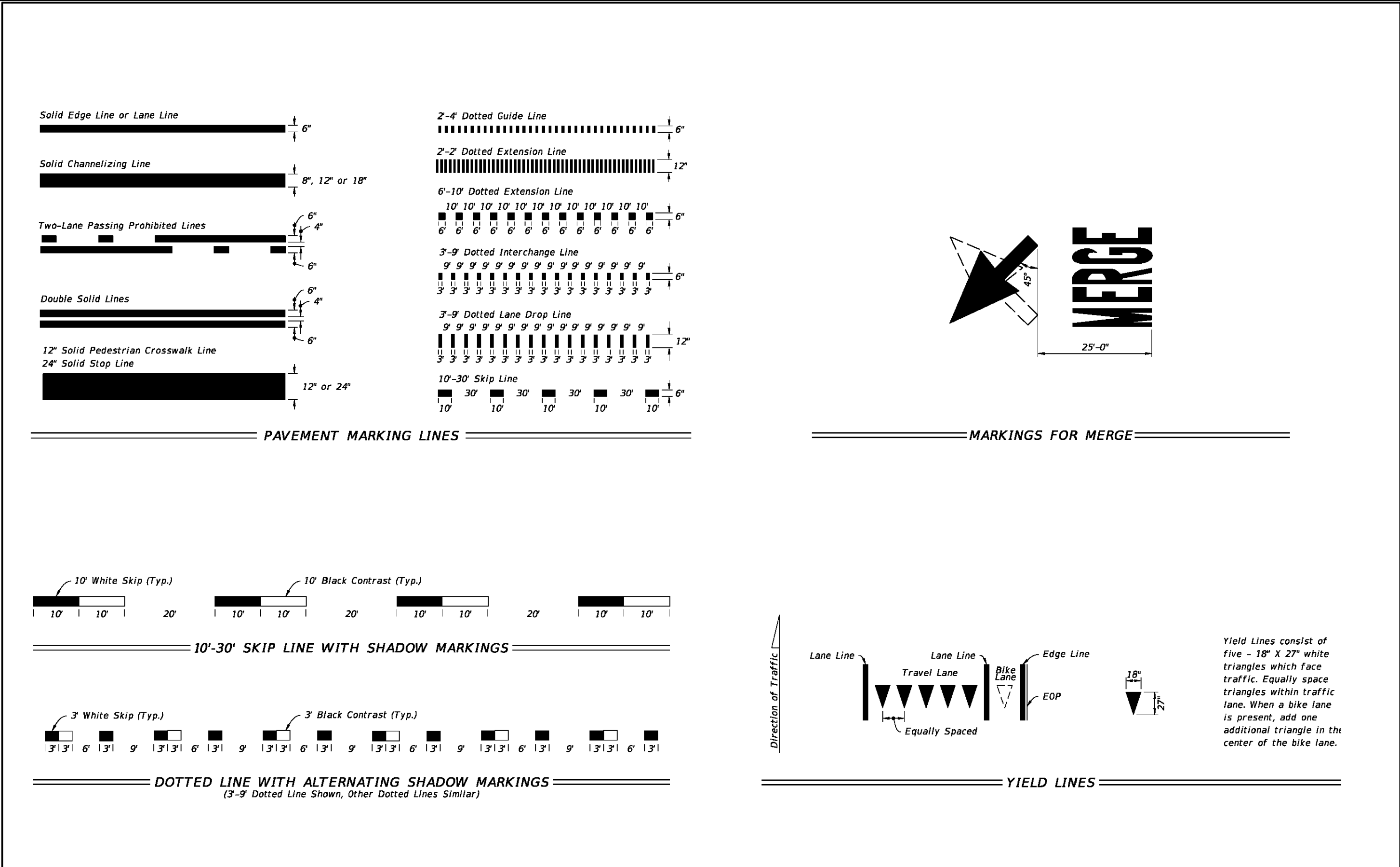
LAST REVISION 11/01/21	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	INDEX 520-001	SHEET 2 of 3
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LAST REVISION 11/01/21	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	INDEX 520-001	SHEET 3 of 3
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LAST REVISION 11/01/21	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	INDEX 700-101	SHEET 1 of 1
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LAST REVISION 11/01/21	DESCRIPTION: FDOT FY 2022-23 STANDARD PLANS	INDEX 711-001	SHEET 2 of 13
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CIVIL DETAILS

HOLT FIRE DISTRICT  
CENTRAL FIRE STATION #1  
630 US HIGHWAY 90 WEST, HOLT, FLORIDA

Revision	
Dale E. Long, P.E.	

P.E. #55393
CONSTRUCTION DOCS
Scale: AS NOTED
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C-305
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