

**GENERAL NOTES:**

- CONTRACTOR IS REQUIRED TO VISIT SITE AND FAMILIARIZE HIM/HERSELF WITH THE PROJECT PRIOR TO BIDDING.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REGULATIONS CONCERNING NOTIFICATION TO THE REGULATORY AUTHORITIES OF ANY AND ALL BUILDING RENOVATIONS AND/OR DEMOLITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MONITORING AND NOTIFYING THE ENGINEER OF RECORD AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CONCLUSION OF CONSTRUCTION, AS WELL AS SUPPLYING CLEAR AND LEGIBLE REVISIONS TO THE CONSTRUCTION PLANS FOR USE DURING AS-BUILT CERTIFICATION.
- ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER & MULCH, HYDROSEED AND/OR SOD (RECOMMEND CENTIPEDE, PENSACOLA BANIA OR BERMUUDA SOD). POND AND SWALE TOPS AND SIDES SHALL BE SODDED AND PINNED. ALL SOD PLACED ON SIDE SLOPES 4 TO 1 OR GREATER SHALL BE PINNED.
- WHERE SOD IS BEING INSTALLED, TOPSOIL SHALL BE USED AS A BASE AT LEAST 3" DEEP.
- AFTER THE SITE HAS BEEN BROUGHT TO PROPER GRADE FOR PLACEMENT OF TOPSOIL AND IMMEDIATELY PRIOR TO DUMPING AND SPREADING THE TOPSOIL, THE SUBGRADE SHALL BE LOOSENEED BY DISKING OR SCARIFYING TO A DEPTH OF 2" TO INSURE BONDING OF THE TOPSOIL AND SODDING.
- TOPSOIL SHALL NOT BE PLACED IN A MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND PROPOSED SODDING.
- THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED TO A MINIMUM COMPACTED DEPTH OF 3".
- ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- COMPACT THE TOPSOIL ENOUGH TO ENSURE GOOD CONTACT WITH THE UNDERLYING SOIL AND TO OBTAIN A LEVEL SEED BED FOR THE ESTABLISHMENT OF HIGH MAINTENANCE TURF. AVOID UNDUE COMPACTON.
- CONTRACTOR IS TO MAINTAIN SODDING AND GRASSING BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, RE-GRADING AND REPLANTING AS REQUIRED TO ESTABLISH GRASSED/SODDED AREAS FREE OF ERODED OR BARE AREAS AND REPLACE ANY REJECTED MATERIALS PROMPTLY FROM THE SITE. CONTRACTOR IS TO INCLUDE COST OF MAINTAINING SODDING AND GRASSING IN THE BID.
- CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN A CODE ENFORCEMENT VIOLATION.
- DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE ANY DISTURBED AREAS FOUND IN RETENTION POND AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION AND PROVIDE A TOPOGRAPHICAL SURVEY (CERTIFIED BY A STATE OF FLORIDA LICENSED SURVEYOR) OF THE PROJECT AREA WHICH ILLUSTRATES AS-BUILT CONDITIONS OF ALL WORK AND SITE IMPROVEMENTS, INCLUSIVE OF PIPING, DRAINAGE STRUCTURES, STORMWATER POND TOPOGRAPHY, SITE ELEVATIONS AND GRADING, OUTLET STRUCTURES, DIMENSIONS, ETC. THESE RECORD DRAWINGS ARE TO BE PROVIDED TO THE PROJECT ENGINEER PRIOR TO REQUESTING FINAL INSPECTION.
- THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY INSPECTIONS OFFICE (850-595-3569) AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BURIAL, ALL INTERMEDIATE INSPECTIONS AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
- EROSION SHALL BE CONTROLLED BY THE USE OF A HAY BALE BARRER SILT FENCE AS SHOWN ON PLANS AND SHALL BE SETUP PRIOR TO COMMENCING CONSTRUCTION. THE EROSION CONTROL BARRIERS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF THE PROJECT, THE DETENTION AREA SHALL BE CLEARED OF SILT & STABILIZATION OF ALL DISTURBED AREAS SHALL BE ACCOMPLISHED.
- CONTRACTOR SHALL NOTIFY SUNSHINE ONE UTILITIES (1-800-432-4770) TWO FULL BUSINESS DAYS IN ADVANCE PRIOR TO DIGGING WITHIN R/W.
- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION AND ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
- RIGHT-OF-WAY SHOULDER STABILIZATION SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).
- ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR. IF THERE WILL BE TEMPORARY STOCKPIILING OF MATERIALS ON THE SITE, THESE AREAS SHOULD CONTAIN EROSION CONTROL BMP'S (E.G. SILT FENCE, HAY BALES, ETC) AS NECESSARY.
- ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
- ALL BUILDING ROOF DRAINS, DOWN SPOUTS OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER RUNOFF TO ON-SITE RETENTION BASIN.
- CONTRACTOR TO COORDINATE WITH LOCAL UTILITY COMPANIES FOR REMOVAL AND RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, WATER LINES, GAS LINES AND OTHER UTILITIES AS NECESSARY.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- UTILITY LOCATIONS ARE APPROXIMATE BASED ON LOCATION OF ABOVE GROUND APPURTENANCES, AND AS TAKEN FROM THE SURVEY. UNDERGROUND UTILITIES NOT SHOWN HEREIN MAY EXIST.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTOR SHALL COMPLY WITH ANY TESTING REQUIRED BY STATE AND LOCAL GOVERNING AGENCIES SUCH AS ASPHALT CORES AND SUB-BASE/BASE COMPACTION TESTING.
- THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONFLICTS BETWEEN VENDOR DRAWINGS, EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR TO PROVIDE PROTECTION TO TREES THAT ARE TO REMAIN VIA TREE PROTECTION BARRIERS. REFER TO EROSION CONTROL PLAN FOR MORE INFORMATION.
- TRENCHING OR GRADING AROUND TREES TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE'S CRITICAL ROOT ZONE. THE CRITICAL ROOT ZONE IS REPRESENTED BY A CIRCLE, CENTERED ON THE TREE TRUNK AND HAVING A RADIUS OF ONE FOOT FOR EACH ONE INCH OF TRUNK DIAMETER (DBH). REFER TO LANDSCAPING PLAN FOR ADDITIONAL INFORMATION.

**SIGNAGE:**

- FREESTANDING SIGNAGE:**  
 ONE (1) FREESTANDING SIGN STRUCTURE ALLOWED PER PARCEL STREET FRONTAGE (DEVELOPMENT PARCEL IS LESS THAN 2 AC). STRUCTURES SHALL BE PLACED NO LESS THAN 200 LF FROM ANY OTHER NON-EXEMPT SIGN STRUCTURES ON THE SAME PARCEL, EXCLUDING BILLBOARDS. SIGNS SHALL NOT BE PLACED ON PUBLIC PROPERTY, INCLUDING PUBLIC RIGHTS-OF-WAYS, OR PLACED ON PRIVATE PROPERTY IN ANY MANNER THAT OBSTRUCTS OR EXTENDS A SIGN OVER PUBLIC PROPERTY, WITHOUT APPLICABLE PUBLIC AGENCY AUTHORIZATIONS AND PERMITS. SIGN SHALL NOT OBSTRUCT VISION ON PRIVATE PROPERTY ALONG A STREET RIGHT-OF-WAY BETWEEN THREE FEET AND NINE FEET ABOVE GRADE WITHIN TEN FEET OF THE RIGHT OF WAY.
- W NAVY BOULEVARD/SR 30 (ARTERIAL STREET):**  
 FREESTANDING SIGNAGE SHALL BE LIMITED TO ONE SIGN A MAXIMUM OF 250 SF (250' FRONTAGE \* 1 SF/LF OF FRONTAGE) IN AREA AND A MAXIMUM OF 35 LF IN HEIGHT.
- WALL SIGNAGE:**  
 W NAVY BOULEVARD FRONTAGE (ARTERIAL/FOUR-LANE ST.): THE MAXIMUM WALL SIGN AREA SHALL BE LIMITED TO 250 SF (2.50 SF \* 100 LF BLDG. FRONTAGE)
- \*EACH BUILDING, OR EACH TENANT SPACE OF A MULTI-TENANT BUILDING, MAY HAVE MULTIPLE WALL SIGNS, BUT THE TOTAL WALL SIGN AREA ON A BUILDING OR TENANT WALL SHALL NOT EXCEED THE ALLOWANCE FOR THAT WALL. UNUSED SIGN AREA ON ONE BUILDING OR TENANT WALL IS NOT AVAILABLE TO ANY OTHER BUILDING OR TENANT WALL. THE CALCULATED MAXIMUM WALL SIGN AREA OF 100 SF IS FOR THE FRONT WALL.
- A VALID ESCAMBIA COUNTY SIGN PERMIT MUST BE OBTAINED PRIOR TO ERRECTING, CONSTRUCTING, ALTERING OR RELOCATING ANY SITE SIGNAGE. FOR SIGNS PLACED ON A CORNER, THE SIDE SETBACK WILL BE DETERMINED BY MEASURING 35' ALONG THE INTERSECTIONS OF THE TWO PUBLIC RIGHTS OF WAY.

**JURISDICTIONAL CONTACTS:**

- ESCAMBIA COUNTY DEVELOPMENT SERVICES**  
 3363 WEST PARK PLACE  
 PENSACOLA, FL 32505  
 PHONE NO.: (850)-595-3475  
 FAX NO.: (850)-595-3481
- EMERALD COAST UTILITIES AUTHORITY**  
 9255 STURDEVANT STREET  
 PENSACOLA, FL 32514  
 PHONE NO.: (850)-476-5110  
 FAX NO.: 850-494-7346
- NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 700 US HIGHWAY 301 SOUTH  
 DEFUNIAK SPRINGS, FL 32435  
 PHONE NO.: (850)-951-4680  
 FAX NO.: (850)-892-8007
- FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
 2600 BLAIR STONE ROAD  
 TALLAHASSEE, FL 32399  
 PHONE NO.: (866)-336-8312  
 FAX NO.: (850)-297-1211
- FLORIDA DEPARTMENT OF TRANSPORTATION**  
 6025 OLD BAGDAD HIGHWAY.  
 PENSACOLA, FL 32583  
 PHONE NO.: (850)-961-3000  
 FAX NO.: (850)-961-2719

**PROJECT DIRECTORY:**

- CIVIL ENGINEER**  
 HAMMOND ENGINEERING, INC.  
 3802 NORTH "S" ST.  
 PENSACOLA, FL 32505  
 PHONE NO.: (850)-434-2603  
 FAX NO.: (850)-434-2650
- SURVEYOR**  
 MERRILL PARKER SHAW, INC.  
 4928 N. DAVIS HWY.  
 PENSACOLA, FL 32501  
 PHONE NO.: (850)-478-4923  
 FAX NO.: (850)-478-4924
- GEOTECHNICAL ENGINEER**  
 NOVA ENGINEERING & ENVIRONMENTAL, LLC.  
 140-A LURTON STREET  
 PENSACOLA, FL 32501  
 PHONE NO.: (850)-607-7782  
 FAX NO.: (850)-249-6683

# SITE DEVELOPMENT PLANS FOR Gene's — FLOOR COVERING — WAREHOUSE

SECTION 38 TOWNSHIP 2 SOUTH, RANGE 30 WEST  
 ESCAMBIA COUNTY, FLORIDA

4023 NAVY BOULEVARD  
 PENSACOLA, FL 32507

OWNER/DEVELOPER:  
 GARY S SLUDER  
 2791 WELLER AVENUE  
 PENSACOLA, FL 32507  
 (850)-380-1455

PROPERTY ID NO: 38-2S-30-1000-002-007  
 ZONING DESIGNATION: HC/LI  
 ADJACENT ZONING: HC/LI  
 FLU DESIGNATION: C  
 ADJACENT FLU: C/MU-U

**INDEX OF DRAWINGS:**

- C1 ~ COVER
- C2 ~ EXISTING CONDITIONS
- C3 ~ DEMOLITION & EROSION CONTROL PLAN
- C4 ~ SITE PLAN
- C5 ~ GRADING & DRAINAGE PLAN
- C6 ~ UTILITY PLAN
- C7 ~ LANDSCAPING PLAN
- C8 ~ FDOT DRIVEWAY CONNECTION PLAN
- C9 ~ FDOT '660' PLAN
- C10 ~ EROSION CONTROL DETAILS
- C11 ~ CONSTRUCTION DETAILS
- C12 ~ STORMTECH VAULT SYSTEM DETAILS
- C13 ~ FDOT DETAILS
- C14 ~ FDOT DETAILS
- C15 ~ FDOT DETAILS



**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850-434-2603  
 FAX 850-434-2650  
 TOM@SELANDESIGN.COM

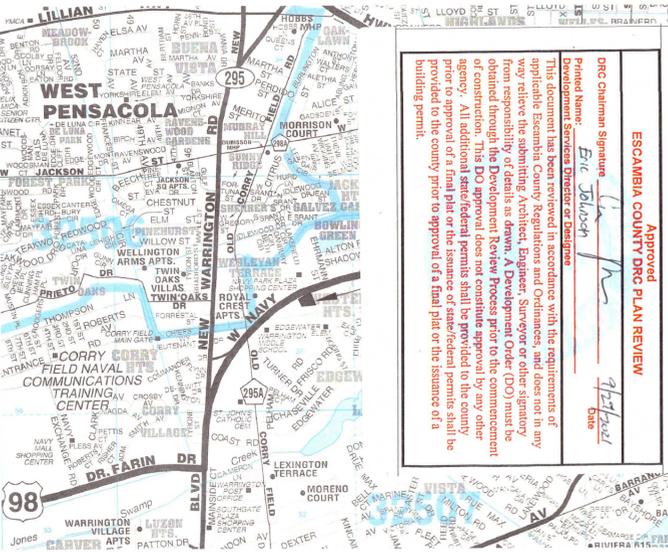
REVISED SEPTEMBER 21, 2021  
 HEI PROJECT #: 21-031

**GENERAL NOTES:**

- CONTRACTOR SHALL CONSTRUCT TEMPORARY MEASURES AND SUPPORT TO ACCESS THE SITE AND SHALL INCLUDE THE COST FOR SAME IN THE BID. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AND/OR GOVERNING AGENCY.
- CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH OTHER CONTRACTORS WORKING AROUND THE PROJECT AREA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ESCAMBIA COUNTY HEALTH DEPT. 850-595-8700) AGENCIES.
- SOLID WASTE SHALL BE KEPT IN AN APPROVED DUMPSTRE THROUGHOUT CONSTRUCTION ACTIVITIES.
- ALL VALVE BOXES SHALL BE SET FLUSH WITH GRADE(IF APPLICABLE).
- ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL FLUSH AND CLEAN ALL STORMWATER PIPES AND STRUCTURES AT END OF CONSTRUCTION AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- PLACEMENT OF UNDERGROUND SYSTEMS, IRRIGATION, SEWER, WATER, DRAINAGE, ELECTRICAL, GAS, ETC. SHALL BE COMPLETED PRIOR TO LANDSCAPE INSTALLATION.
- PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE SUCH AS BUILDINGS, SEWERS, DRAINS, WATER OR GAS PIPES, ELECTRICAL, CONDUITS, POLES, WALLS, POSTS, ETC. ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.
- THE CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL AGENCIES RULES CONCERNING SAFETY.
- CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS, AND GUARDS DURING PROGRESS OF CONSTRUCTION WORK AND UNTIL IT IS SAFE FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.
- CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH DE-WATERING AND DE-MUCKING FOR INSTALLATION OF REQUIRED INFRASTRUCTURE (IF APPLICABLE).
- THE CONTRACTORS MEANS AND METHODS OF GROUNDWATER DE-WATERING SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE, INCLUDING FAC CHAPTER 62-621.300(2) "GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" (IF APPLICABLE).
- CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH SELECT BACKFILL FOR INSTALLATION OF ANY INFRASTRUCTURE.
- CONTRACTOR SHALL CLEAN UP ENTIRE SITE INCLUDING STAGING AREAS AT LEAST TWO TIMES PER WEEK. THIS SHALL INCLUDE LOCATING TRASH/SCRAP RECEPTACLES AT APPROPRIATE LOCATIONS AROUND THE SITE. CONTRACTOR SHALL PICK UP ALL ROCKS, METAL, PIPE, NAILS, NUTS, BOLTS, BOARDS, PAPER, TRASH, ETC. AT LEAST TWICE A WEEK. CONTRACTOR SHALL INCLUDE COST OF SAME IN BID.
- CONTRACTOR SHALL RESTORE ALL STAGING AREAS TO AS GOOD AS OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. THIS INCLUDES IRRIGATION AND SOD REPLACEMENT IF NECESSARY. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 20 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. AT THE END OF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE.
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL.
- ANY SLOPES RECEIVING INFRASTRUCTURE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1)
- SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SURFACE IS TO BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STANDARDS FOR EROSION CONTROL.
- ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMITS OF DISTURBANCE OR ONTO PUBLIC RIGHT OF WAY WILL BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #48 ABOVE.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
- ANY DIRT THAT RUNS OFF OF THE PROJECT SITE ONTO PUBLIC STREETS SHALL BE REMOVED AND CLEANED IMMEDIATELY. FAILURE TO COMPLY CAN RESULT IN CODE ENFORCEMENT ACTION.
- ANY AREAS USED FOR THE CONTRACTORS STAGING, INCLUDED BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (I.E. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.) SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.
- ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT ESCAMBIA COUNTY, FDEP, AND EQVA STANDARDS AND REQUIREMENTS.
- FOR SITES WITH DISTURBANCE EXCEEDING 1 ACRE... TO COMPLY WITH NPDES REQUIREMENTS, THE CONTRACTOR SHALL SUBMIT AN NPDES NOTICE OF INTENT TO FDEP A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ADDITIONALLY, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT OR AT LEAST WEEKLY. A CERTIFIED STORMWATER MANAGEMENT INSPECTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL EFFORTS. INSPECTION RECORDS SHOULD BE ON HAND AT ALL TIMES AND PROVIDED TO ANY FDEP REPRESENTATIVE THAT MAY VISIT THE SITE DURING CONSTRUCTION.
- THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL ONE 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 "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
- 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 MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
- REFER TO BUILDING PLANS FOR ADDITIONAL INFORMATION.

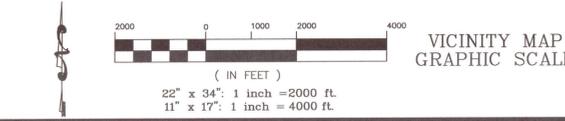
**FLOOD ZONE DATA**

THE SUBJECT PROPERTY SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOODPLAINS. NO BEFS OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0370G, MAP REVISIONS DATED SEPTEMBER 29, 2006.					
FLOOD ZONE(S)	NFIP COMMUNITY NUMBER	MAP NUMBER	PANEL NUMBER(S)	SUFFIX	MAP REVISION DATE
X	120080	12033C	0370	G	SEPTEMBER 29, 2006



PROJECT LOCATION

NO.	DATE	REVISIONS
1	09/21/21	REVISED PLANS AS PER ESAMBIA COUNTY DRC REVIEW COMMENTS



SHEET  
**C1**

**GRAPHIC SCALE**

22"x34" SCALE 1 inch = 20 ft.

11"x17" SCALE 1 inch = 40 ft.



**DESCRIPTION: (AS FURNISHED)**

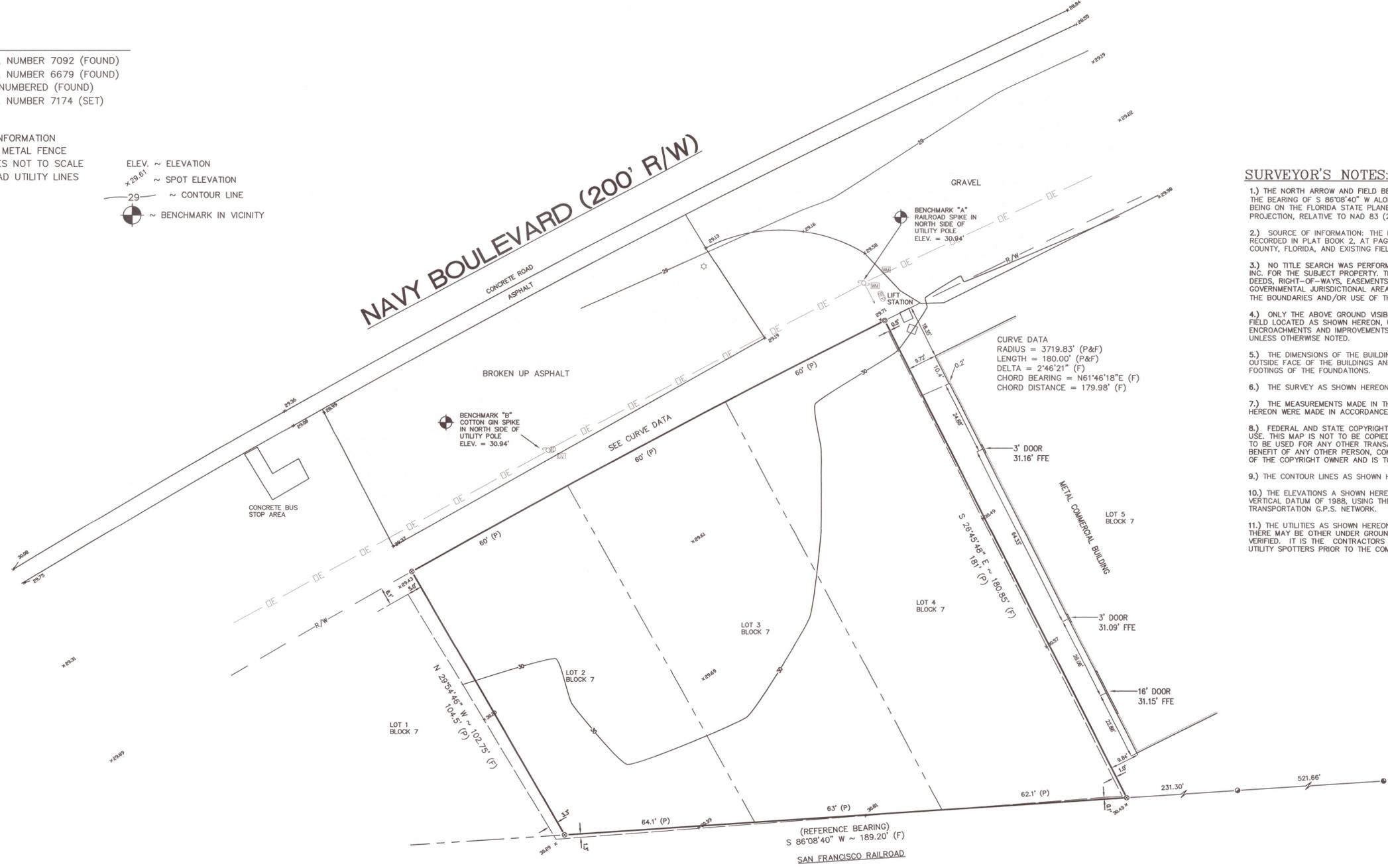
LOTS 2, 3, AND 4, "WESTERLY HEIGHTS", A SUBDIVISION OF SECTIONS 37, 38, AND 52, TOWNSHIP 2 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, AS RECORDED IN PLAT BOOK 2, AT PAGE 14, OF THE PUBLIC RECORDS OF SAID COUNTY.

**LEGEND:**

- ~ 1/2" CAPPED IRON ROD, NUMBER 7092 (FOUND)
- ~ 1/2" CAPPED IRON ROD, NUMBER 6679 (FOUND)
- ⊙ ~ 1" PLAIN IRON PIPE, UNNUMBERED (FOUND)
- ⊗ ~ 1/2" CAPPED IRON ROD, NUMBER 7174 (SET)
- R/W ~ RIGHT OF WAY
- (P) ~ PLATTED INFORMATION
- (F) ~ FIELD MEASUREMENT/INFORMATION

- ~ 6" HIGH METAL FENCE
- ~ INDICATES NOT TO SCALE
- OE — ~ OVERHEAD UTILITY LINES
- GV ~ GAS VALVE
- U ~ UTILITY POLE
- BFP ~ BACK FLOW PREVENTER
- WM ~ WATER METER
- ☆ ~ LIGHT POLE

- ELEV. ~ ELEVATION
- x29.61 ~ SPOT ELEVATION
- 29 ~ CONTOUR LINE
- ⊕ ~ BENCHMARK IN VICINITY



**SURVEYOR'S NOTES:**

- 1.) THE NORTH ARROW AND FIELD BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE BEARING OF S 86°08'40" W ALONG THE SOUTH LINE OF THE SUBJECT PARCEL AND BEING ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NORTH ZONE, LAMBERT PROJECTION, RELATIVE TO NAD 83 (2011), USING THE TRIMBLE VRSNOW G.P.S. NETWORK.
- 2.) SOURCE OF INFORMATION: THE RECORD PLAT OF "WESTERLY HEIGHTS", AS RECORDED IN PLAT BOOK 2, AT PAGE 14, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, AND EXISTING FIELD MONUMENTATION.
- 3.) NO TITLE SEARCH WAS PERFORMED BY OR FURNISHED TO MERRILL PARKER SHAW, INC. FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, RIGHT-OF-WAYS, EASEMENTS, BUILDING SETBACKS, RESTRICTIVE COVENANTS, GOVERNMENTAL JURISDICTIONAL AREAS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES AND/OR USE OF THE SUBJECT PROPERTY.
- 4.) ONLY THE ABOVE GROUND VISIBLE ENCROACHMENTS AND IMPROVEMENTS WERE FIELD LOCATED AS SHOWN HEREON, UNLESS OTHERWISE NOTED. UNDERGROUND ENCROACHMENTS AND IMPROVEMENTS, IF ANY, WERE NOT FIELD LOCATED OR VERIFIED, UNLESS OTHERWISE NOTED.
- 5.) THE DIMENSIONS OF THE BUILDINGS (IF ANY) AS SHOWN HEREON ARE ALONG THE OUTSIDE FACE OF THE BUILDINGS AND DO NOT INCLUDE THE EAVES OVERHANG OR THE FOOTINGS OF THE FOUNDATIONS.
- 6.) THE SURVEY AS SHOWN HEREON DOES NOT DETERMINE OWNERSHIP.
- 7.) THE MEASUREMENTS MADE IN THE FIELD, INDICATED THUSLY (F), AS SHOWN HEREON WERE MADE IN ACCORDANCE WITH UNITED STATES STANDARDS.
- 8.) FEDERAL AND STATE COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED IN WHOLE OR PART AND IS NOT TO BE USED FOR ANY OTHER TRANSACTION. THIS DRAWING CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER AND IS TO BE RETURNED UPON REQUEST.
- 9.) THE CONTOUR LINES AS SHOWN HEREON ARE AT 1 FOOT INTERVALS OF ELEVATION.
- 10.) THE ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988, USING THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION G.P.S. NETWORK.
- 11.) THE UTILITIES AS SHOWN HEREON IS BASED UPON FIELD LOCATION WHERE VISIBLE. THERE MAY BE OTHER UNDER GROUND UTILITIES THAT HAVE NOT BEEN LOCATED OR VERIFIED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RESPECTABLE UTILITY SPOTTERS PRIOR TO THE COMMENCEMENT OF WORK OR EXCAVATION.

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRG REVIEW COMMENTS

**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 91300  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850-434-2603  
 FAX 850-434-2650  
 TOM@SELANDESIGN.COM



**SITE DEVELOPMENT PLANS FOR GENES FLOOR COVERING WAREHOUSE EXISTING CONDITIONS ESCAMBIA COUNTY FLORIDA**

DRAWN BY: CLJ  
 DESIGNED BY: RLS  
 CHECKED BY: TSH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 BY: DATE:

PROJECT NO: 21-031  
 SHEET: **C2**

**SITE SURVEY COMPLETED BY:**  
**MERRILL PARKER SHAW, INC.**  
 PROFESSIONAL LAND SURVEYING SERVICES

4928 N. DAVIS HWY.  
 PENSACOLA, FL 32503

PH: (850) 478-4923  
 FAX: (850) 478-4924

**GRAPHIC SCALE**

22"x34" SCALE 1 inch = 20 ft.



11"x17" SCALE 1 inch = 40 ft.

**LEGEND:**

- DENOTES EXISTING ASPHALT
- DENOTES EXISTING CONCRETE
- DENOTES EXISTING GRAVEL
- DENOTES EXISTING ASPHALT TO BE REMOVED
- DENOTES EXISTING FENCE
- DENOTES EXISTING FENCE TO BE REMOVED
- DENOTES EXISTING OVERHEAD ELECTRICAL
- DENOTES PROPOSED SILT FENCE
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING GUY ANCHOR
- DENOTES EXISTING WATER METER
- DENOTES EXISTING LIGHT POLE
- DENOTES EXISTING BACK FLOW PREVENTER
- DENOTES EXISTING PHONE BOX
- DENOTES BENCHMARK LOCATION
- DENOTES PROPOSED HAY BALE EROSION CONTROL PROTECTION

**DEMOLITION/EROSION CONTROL NOTES**

1. WHERE ASPHALT/CONCRETE IS BEING REMOVED EXTENDING PAST PROPERTY LINE, CONTRACTOR TO COORDINATE PROPOSED REMOVAL WITH ADJACENT PROPERTY OWNER TO ASSURE HE/SHE DESIRES MISCELLANEOUS IMPERVIOUS SURFACE TO BE REMOVED.
2. WHERE EXISTING ASPHALT/CONCRETE IS BEING REMOVED ON PROPERTY LINE, REMOVAL SHALL BEGIN AT THE PROPERTY LINE AND WORK TOWARDS THE INTERIOR OF THE PROPERTY. INITIALLY, A 3'-1/2" STRIP OF EXISTING ASPHALT/CONC. SHALL BE REMOVED NEXT TO THE PROPERTY LINE TO ALLOW FOR INSTALLATION OF PROPOSED EROSION CONTROL BMP'S.
3. IT IS UNDERSTOOD THAT WHERE SILT FENCING IS ILLUSTRATED ON EXISTING ASPHALT/CONC. THAT THE EXISTING ASPHALT/CONC. SHALL BE REMOVED IN THAT IMMEDIATE AREA PRIOR TO INSTALLATION OF BMP.
4. THE EROSION AND SEDIMENT CONTROL RULES ARE PERFORMANCE ORIENTED. THAT IS, THE MEASURES USED AT A CONSTRUCTION SITE MUST BE EFFECTIVE IN CONTROLLING EROSION AND PREVENTING OFF-SITE SEDIMENTATION FOR THE SITE TO BE IN COMPLIANCE. FOLLOWING AN APPROVED PLAN AND INSTALLING THE CONTROL MEASURES MAY NOT BE ENOUGH FOR A SITE TO BE IN COMPLIANCE WITH THE RULES. IF EROSION AND OFF-SITE SEDIMENTATION OCCUR, THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ADDITIONAL MEASURES TO CORRECT ANY PROBLEM ASSOCIATED WITH COMPLIANCE OF THE NPDES PERMIT OR ANY OTHER PERMIT REQUIRED FOR THE SITE CONSTRUCTION. THE CONTRACTOR WILL ALSO BE COMPLETELY RESPONSIBLE FOR ANY FINES LEVIED BY ANY GOVERNING AGENCY ON THE PROJECT DURING CONSTRUCTION.
5. EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. CONTRACTOR SHALL REINFORCE AND/OR ADD ADDITIONAL MEASURES AS CONDITIONS WARRANT AND/OR AS DIRECTED BY THE PROPER REGULATORY AUTHORITIES.
6. ON SITES > 1 ACRE, IF > 1 CONTIGUOUS ACRE IS DECLARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THE PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.
7. TO COMPLY WITH NPDES REQUIREMENTS, EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS; INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES PERMIT APPLICANT FOR PROPER REPORTING TO FDEP.
8. IF APPLICABLE, TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND EARTH MOVING IMPACTS (i.e. ROOT RAKING, TRENCHING, GRADING, ETC.) SHOULD TAKE PLACE OUTSIDE OF THE PROTECTION BARRICADE.
9. IF APPLICABLE, PROTECTED TREES SHALL REMAIN ONSITE AND ANY PROPOSED LAND CLEARING/"LAND DISTURBING ACTIVITIES", INCLUDING THE PLACEMENT OF FILL/FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR SUCH SITE WORK.
10. THE LAND SHALL REMAIN VEGETATED (TREES INCLUDED, NO FILL MATERIALS PLACED ONSITE, GRADING, EXCAVATING, ETC.) UNTIL SUCH TIME AS PLAN APPROVAL &/OR PROPER PERMITTING ALLOWS FOR SUCH PER CODE. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL, "LAND DISTURBING ACTIVITIES", ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION.



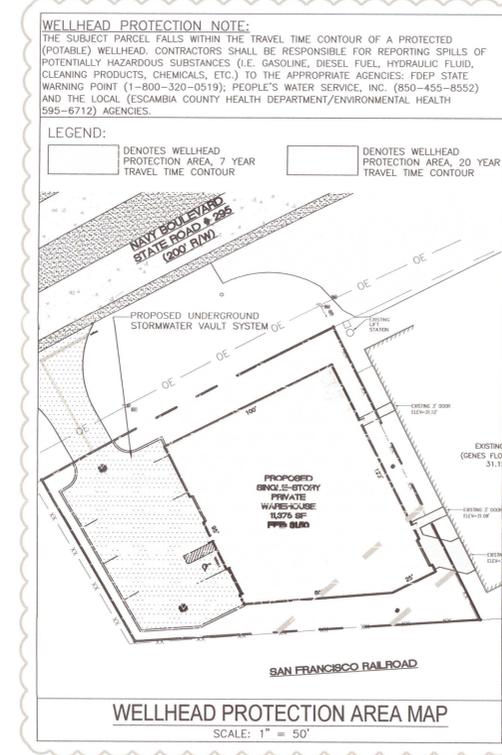
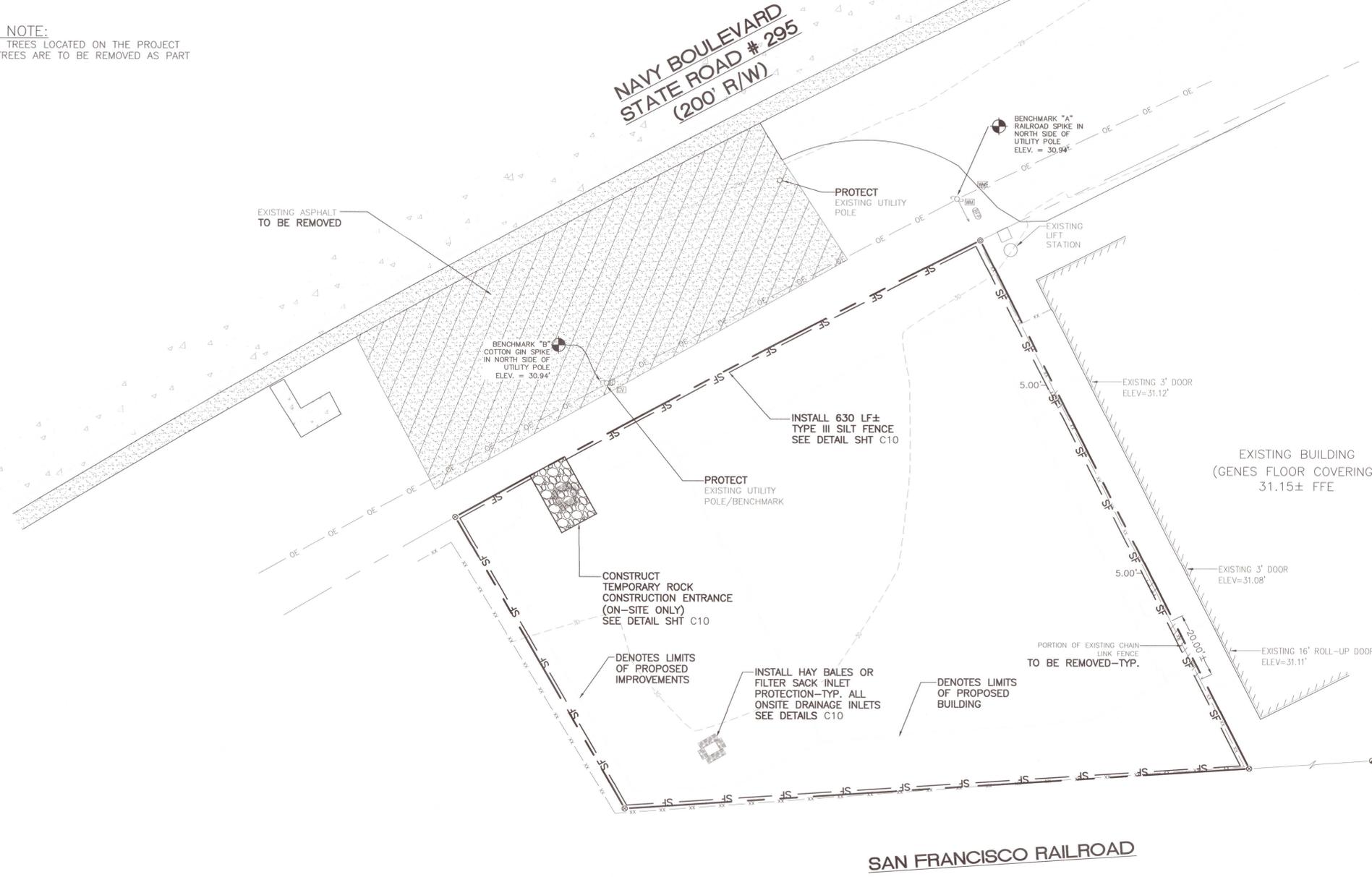
Know what's below  
Call before you dig

CONTRACTOR TO NOTIFY SUNSHINE 811 A MINIMUM 2 BUSINESS DAYS IN ADVANCE PRIOR TO DIGGING WITHIN THE RIGHT OF WAY; 1-800-432-4770

**FDOT NOTE:**  
THE CONTRACTOR SHALL NOTIFY FDOT 2 BUSINESS DAYS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY

**TREE PROTECTION NOTE:**

THERE ARE NO PROTECTED TREES LOCATED ON THE PROJECT SITE AND NO PROTECTED TREES ARE TO BE REMOVED AS PART OF THIS PROJECT



NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRC REVIEW COMMENTS

**HAMMOND ENGINEERING, INC.**  
FLORIDA AUTHORIZATION NO. 9130  
ALABAMA AUTHORIZATION NO. 3277  
3802 NORTH "S" STREET  
PENSACOLA, FLORIDA 32505  
850 434-2603  
FAX 850-434-2650  
TOM@SELANDESIGN.COM



**SITE DEVELOPMENT  
PLANS FOR  
GENE'S FLOOR  
COVERING WAREHOUSE  
DEMOLITION & EROSION  
CONTROL PLAN**

ESCAMBIA COUNTY FLORIDA

DRAWN BY: GJB  
DESIGNED BY: RLS  
CHECKED BY: TGH  
DATE: 08/19/21  
SCALE: AS SHOWN  
NOT RELEASED FOR  
CONSTRUCTION  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**GRAPHIC SCALE**

22"x34" SCALE 1 inch = 20 ft.



11"x17" SCALE 1 inch = 40 ft.

**LEGEND:**

- DENOTES EXISTING ASPHALT
- DENOTES EXISTING CONCRETE
- DENOTES EXISTING GRAVEL
- DENOTES PROPOSED ASPHALT
- DENOTES PROPOSED CONCRETE
- DENOTES EXISTING FENCE
- DENOTES EXISTING OVERHEAD ELECTRICAL
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING GUY ANCHOR
- DENOTES EXISTING WATER METER
- DENOTES EXISTING LIGHT POLE
- DENOTES EXISTING BACK FLOW PREVENTER
- DENOTES EXISTING PHONE BOX
- DENOTES PROPOSED STORMTECH SYSTEM INSPECTION PORT
- DENOTES QUANTITY OF PARKING STALLS PER ROW
- DENOTES PROPOSED NYLOPLAST INLET

**FIRE SAFETY NOTES**

- FIRE DEPT. ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 20'
- FIRE DEPT. ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED VERTICAL CLEARANCE OF 13'-6"
- THE REQUIRED WIDTH OF A FIRE DEPT. ACCESS ROAD SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING BY THE PARKING OF VEHICLES.
- FIRE DEPARTMENT ACCESS ROAD SHALL EXTEND TO WITHIN 50 FT (150 FT IF THE BUILDING IS PROTECTED BY A FIRE SPRINKLER SYSTEM) OF AT LEAST ONE EXTERIOR DOOR THAT CAN BE OPENED FROM THE OUTSIDE AND THAT PROVIDES ACCESS TO THE INTERIOR OF THE BUILDING.
- FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED SUCH THAT ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED NOT MORE THAN 150 FT (450 FT IF THE BUILDING IS PROTECTED BY A FIRE SPRINKLER SYSTEM) FROM FIRE DEPARTMENT ACCESS ROADS AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.
- FIRE DEPARTMENT ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS AND SHALL BE PROVIDED WITH AN ALL-WEATHER DRIVING SURFACE. MINIMUM OF 40 TONS

**PROTECTED TREE NOTE:**

1. IF APPLICABLE, PROTECTED TREES SHALL REMAIN ONSITE AND ANY PROPOSED LAND CLEARING/LAND DISTURBING ACTIVITIES, INCLUDING THE PLACEMENT OF FILL/FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR SUCH SITE WORK.

**SITE DATA:**

4023 W NAVY BOULEVARD  
 PARCEL ZONING: HC/LI  
 FLU: C

**BUILDING SETBACKS REQUIRED (HC/LI ZONED PARCEL):**

FRONT SETBACK = 15'  
 REAR SETBACK = 15'  
 SIDE SETBACK = 10'

MAXIMUM IMPERVIOUS SURFACE: 85%  
 MAXIMUM BUILDING HEIGHT: 150'  
 MAXIMUM FLOOR AREA RATIO: 1.0

**PARKING CALCULATIONS:**

PROPOSED 11,375 SF± PRIVATE WAREHOUSE  
 AS PER 3-1.2 ESCAMBIA COUNTY DESIGN STANDARDS MANUAL:  
 0.5 PARKING STALL PER 1,000 SF REQUIRED  
 (11,375/1,000) \* 0.5 = 5.68 STALLS REQUIRED  
 10% ALLOWABLE REDUCTION = 5.11 STALLS  
**5 TOTAL PARKING STALLS REQUIRED**  
 4 PARALLEL STALLS PROPOSED  
 1 HANDICAP STALL PROPOSED  
 5 TOTAL STALLS PROPOSED

NOTE: HANDICAP PARKING SIGNS SHALL CONFORM TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEX NUMBER 17355, SHEET 2 OF 11, FTP-20-06, FTP-21-06, FTP-22-06

**PARKING STALL NOTES:**

- ALL HANDICAP PARKING STALLS ARE TO MEASURE 12' x 18' WITH AN ADJACENT 5' WIDE AISLE
- ALL STANDARD PARKING STALLS ARE TO MEASURE 9' x 18'
- ALL PARALLEL PARKING STALLS ARE TO MEASURE 23' x 9'
- ALL PARKING STALLS ARE TO BE DEMARCATED WITH 4" SOLID WHITE LINES UNLESS OTHERWISE NOTED

**FDOT NOTE:**

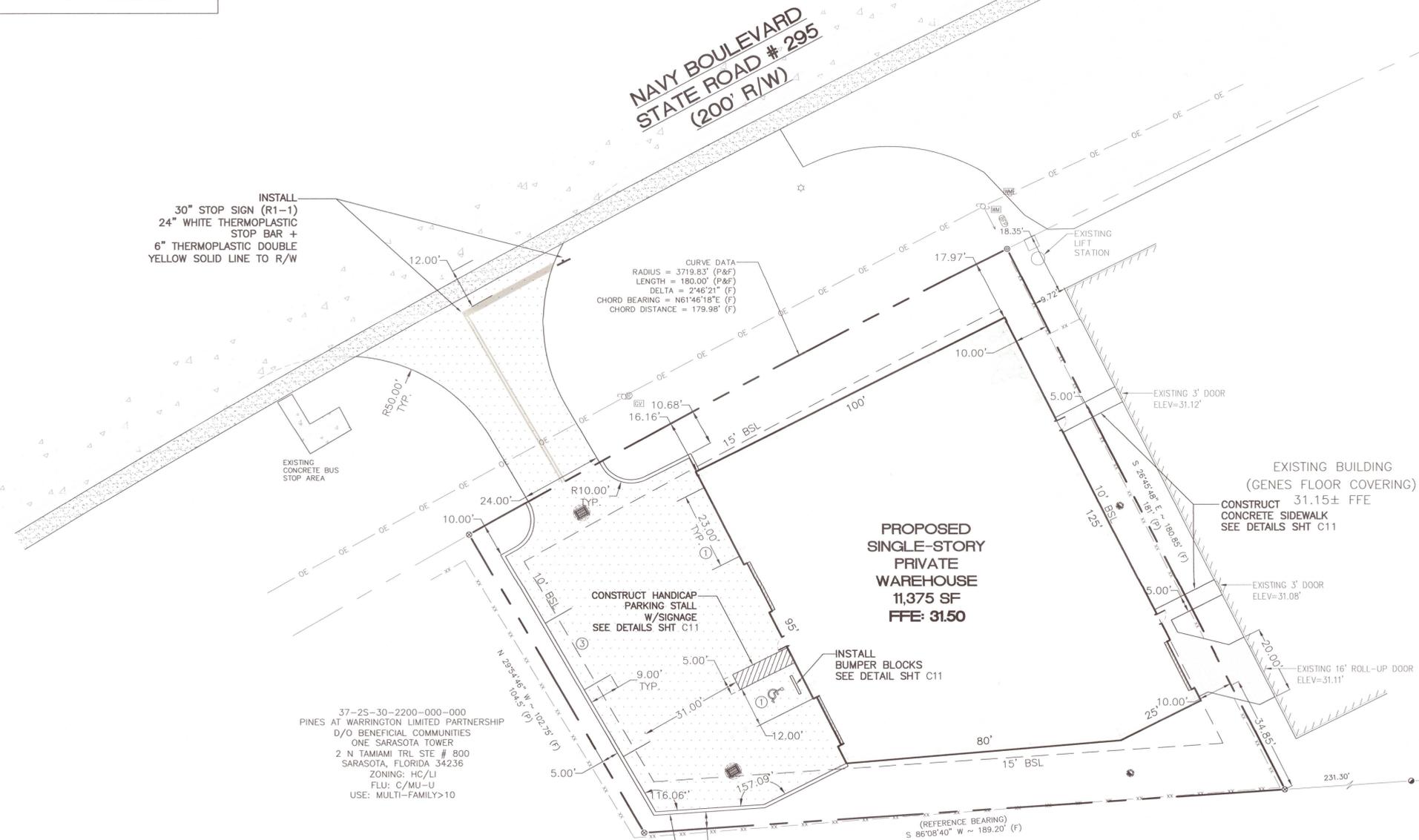
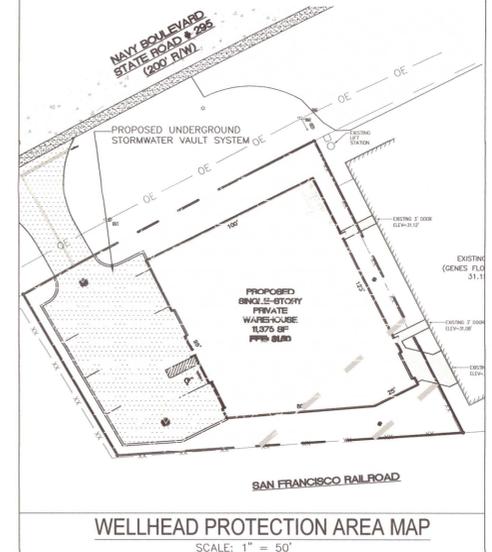
THE CONTRACTOR SHALL NOTIFY FDOT 2 BUSINESS DAYS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY

**WELLHEAD PROTECTION NOTE:**

THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOUR OF A PROTECTED (POTABLE) WELLHEAD. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, CLEANING PRODUCTS, CHEMICALS, ETC.) TO THE APPROPRIATE AGENCIES: FDEP STATE WARNING POINT (1-800-330-0510); PEOPLE'S WATER SERVICE, INC. (850-455-8552) AND THE LOCAL (ESCAMBIA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 995-6712) AGENCIES.

**LEGEND:**

- DENOTES WELLHEAD PROTECTION AREA, 7 YEAR TRAVEL TIME CONTOUR
- DENOTES WELLHEAD PROTECTION AREA, 20 YEAR TRAVEL TIME CONTOUR



37-25-30-2200-000-000  
 PINES AT WARRINGTON LIMITED PARTNERSHIP  
 D/O BENEFICIAL COMMUNITIES  
 ONE SARASOTA TOWER  
 2 N TAMiami TrL STE # 800  
 SARASOTA, FLORIDA 34236  
 ZONING: HC/LI  
 FLU: C/MU-U  
 USE: MULTI-FAMILY>10

TOTAL SITE AREA: 25,132 SF = 0.58 ACRES					
IMPERVIOUS and PERVIOUS AREA					
	EXISTING	REMOVE	NEW	POST-CONSTRUCTION	NET CHANGE
BUILDINGS	0 SF	0 SF	11,375 SF	11,375 SF	+11,375 SF
ASPHALT/CONCRETE	0 SF	0 SF	6,414 SF	6,414 SF	+6,414 SF
TOTAL IMPERVIOUS AREA	0 SF	0 SF	17,789 SF	17,789 SF	+17,789 SF
ROCK AREA	0 SF	0 SF	0 SF	0 SF	0 SF
LANDSCAPE AREA	25,132 SF	17,789 SF	0 SF	7,343 SF	(-17,789 SF)
PERCENTAGE OF LANDSCAPE	100%			29%	(-71%)
PARKING DATA					
	EXISTING	REMOVE	NEW	POST-CONSTRUCTION	NET
NON-HANDICAPPED SPACES	0	0	4	4	+4
HANDICAPPED SPACES	0	0	1	1	+1

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRC REVIEW COMMENTS

**HEI**

**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 32777  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDEDESIGN.COM



**SITE DEVELOPMENT PLANS FOR GENE'S FLOOR COVERING WAREHOUSE SITE PLAN**

**ESCAMBIA COUNTY FLORIDA**

DRAWN BY: CJB  
 DESIGNED BY: RLS  
 CHECKED BY: TSH  
 DATE: 09/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

GRAPHIC SCALE

22"x34" SCALE 1 inch = 20 ft.



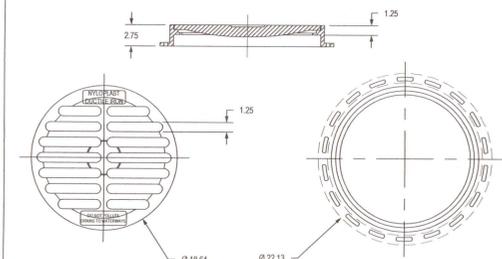
11"x17" SCALE 1 inch = 40 ft.

LEGEND:

- DENOTES EXISTING ASPHALT
- DENOTES EXISTING CONCRETE
- DENOTES EXISTING GRAVEL
- DENOTES PROPOSED ASPHALT
- DENOTES PROPOSED CONCRETE
- DENOTES EXISTING FENCE
- DENOTES EXISTING OVERHEAD ELECTRICAL
- DENOTES SOIL BORING LOCATION
- M.E.G. MATCH EXISTING GRADE
- DENOTES PROPOSED SPOT ELEVATION
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING GUY ANCHOR
- DENOTES EXISTING WATER METER
- DENOTES EXISTING LIGHT POLE
- DENOTES EXISTING BACK FLOW PREVENTER
- DENOTES EXISTING PHONE BOX
- DENOTES PROPOSED STORMTECH SYSTEM INSPECTION PORT
- DENOTES PROPOSED NYLOPLAST INLET
- DENOTES BENCHMARK LOCATION
- DENOTES EXISTING SPOT ELEVATION
- DENOTES PROPOSED STORM PIPE

18" STANDARD GRATE ASSEMBLY

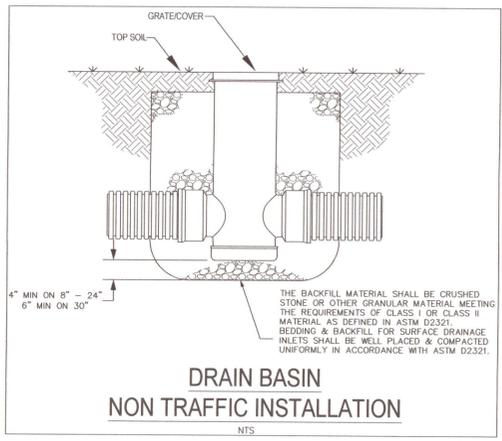
APPROX. DRAIN AREA = 116.72 SQ. IN.  
APPROX. WEIGHT WITH FRAME = 68.50 LBS.



DIMENSIONS ARE FOR REFERENCE ONLY.  
ACTUAL DIMENSIONS MAY VARY.  
DIMENSIONS ARE IN INCHES.  
GRATE MEETS H-20 LOAD RATING.  
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05.  
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT.  
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-029.



18 IN STANDARD GRATE ASSEMBLY - TYPE C



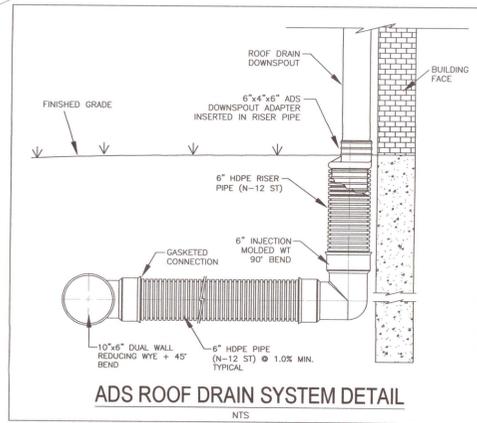
DRAIN BASIN  
NON TRAFFIC INSTALLATION

NTS

STORM STRUCTURE DATA TABLE

PROPOSED STORM STRUCTURES TO CONSIST OF:

- 48" DIA. (BOTTOM) MODIFIED TYPE 'C' DITCH BOTTOM INLET W/USF NO. 6212 CAST IRON TRAFFIC RATED GRATE (445 SQ IN FLOW AREA)
  - 18" NYLOPLAST DRAIN BASIN W/18" STANDARD GRATE
- |   |   |   |  |
|---|---|---|--|
| ① | MODIFIED TYPE 'C' INLET<br>TOP ELEV.=30.50<br>INV. ELEV. IN (E)=26.54<br>INV. ELEV. OUT (S)=25.63                         | ② | MODIFIED TYPE 'C' INLET<br>TOP ELEV.=30.75<br>INV. ELEV. IN (SE)=25.73<br>INV. ELEV. OUT (W)=26.54<br>INV. ELEV. OUT (N)=25.63 |
| ③ | 18" NYLOPLAST DRAIN BASIN<br>TOP ELEV.=30.50<br>INV. ELEV. IN (N)=28.73<br>INV. ELEV. OUT (S)=28.73<br>BOTTOM ELEV.=28.23 | ④ | 18" NYLOPLAST DRAIN BASIN<br>TOP ELEV.=30.50<br>INV. ELEV. IN (E)=27.33<br>INV. ELEV. OUT (W)=27.33<br>BOTTOM ELEV.=26.83      |



ADS ROOF DRAIN SYSTEM DETAIL

NTS

NYLOPLAST SPECIFICATIONS

Engineered Surface Drainage Products

**GENERAL**  
PVC surface drainage inlets shall include the drain basin type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast a division of Advanced Drainage Systems, Inc., or prior approved equal.

**MATERIALS**  
The drain basins required for this contract shall be manufactured from PVC pipe stock, utilizing a thermoforming process to reform the pipe stock to the specified configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM L222. The pipe seal gasket shall be joined to the main body of the drain basin or catch basin. The raw material used to manufacture the pipe stock that is used to manufacture the main body and pipe stubs of the surface drainage inlets shall conform to ASTM D1228 cell class 12455.

The grates and frames furnished for all surface drainage inlets shall be ductile iron for sizes 8", 10", 12", 15", 18", 24" and 30" and shall be made specifically for each basin so as to provide a round bottom flange that closely matches the diameter of the surface drainage inlet. Grates for drain basins shall be capable of supporting various wheel loads as specified by Nyloplast. 12" and 15" square grates will be hinged to the frame using pins. Ductile iron used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05. Grates and covers shall be provided painted black.

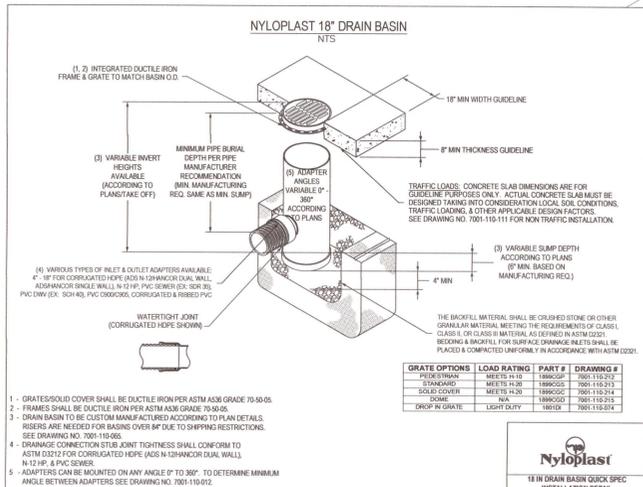
**INSTALLATION**  
The specified PVC surface drainage inlet shall be installed using conventional flexible pipe bedding materials and procedures. The bedding material shall be crushed stone or other granular material meeting the requirements of class 1 or class 2 material as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. The drain basin body will be cut at the time of the final grade. No brick, stone or concrete block will be required to set the grate to the final grade height. For load rated installations, a concrete slab shall be poured under and around the grate and frame. The concrete slab must be designed taking into consideration local soil conditions, traffic loading, and other applicable design factors. For other installation considerations such as migration of lines, ground water, and soft foundations refer to ASTM D2321 guidelines.

**FDOT NOTE:**  
THE CONTRACTOR SHALL NOTIFY FDOT 2 BUSINESS DAYS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY

NAVY BOULEVARD  
STATE ROAD # 295  
(200' R/W)

PROPOSED  
SINGLE-STORY  
PRIVATE  
WAREHOUSE  
11,375 SF  
FFE: 31.50

SAN FRANCISCO RAILROAD



INSTALL/CONSTRUCT SAND CHIMNEY BENEATH STORMTECH SC-740 STORMWATER VAULT SYSTEM SEE DETAIL SHT C12 FOR MORE INFORMATION

INSTALL/CONSTRUCT STORMTECH SC-740 STORMWATER VAULT SYSTEM SEE DETAILS SHT C12

INSTALL 30 LF± 10" N-12 HDPE (WT) PIPE @ 1.33%

INSTALL 90 LF± 10" N-12 HDPE (WT) PIPE @ 1.33%

INSTALL 10" DUAL WALL 90° BEND + CLEANOUT INV. ELEV.=27.80

INSTALL 35 LF± 10" N-12 HDPE (WT) PIPE @ 1.33%

INSTALL 70 LF± 10" N-12 HDPE (WT) PIPE @ 1.33%

INSTALL 65 LF± 10" N-12 HDPE (WT) PIPE @ 1.33%

INSTALL CLEANOUT INV. ELEV.=29.60

GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PERFORATED	MEETS H-20	18860001	7001-110-010
SOLID COVER	MEETS H-20	18860002	7001-110-010
CRIP IN GRATE	MEETS H-20	18860003	7001-110-010
CRIP IN GRATE	MEETS H-20	18860004	7001-110-010



18 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRC REVIEW COMMENTS

**HE**

HAMMOND ENGINEERING, INC.  
FLORIDA AUTHORIZATION NO. 9130  
ALABAMA AUTHORIZATION NO. 3277  
3802 NORTH 'S' STREET  
PENSACOLA, FLORIDA 32505  
850 434-2603  
FAX 850-434-2650  
TOM@SELANDEDDESIGN.COM

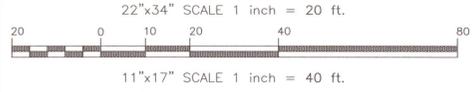


SITE DEVELOPMENT  
PLANS FOR  
GENE'S FLOOR  
COVERING WAREHOUSE  
GRADING &  
DRAINAGE PLAN  
ESCAMBIA COUNTY FLORIDA

DRAWN BY: CUG	DESIGNED BY: RLS
CHECKED BY: TGH	DATE: 08/19/21
SCALE: AS SHOWN	NOT RELEASABLE FOR CONSTRUCTION
BY:	DATE:

PROJECT NO: 21-031  
SHEET: C5

**GRAPHIC SCALE**



**LEGEND:**

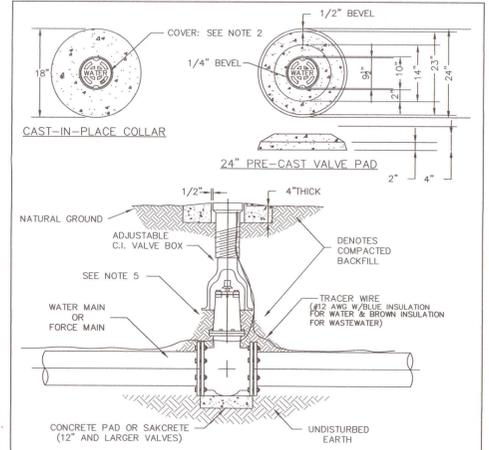
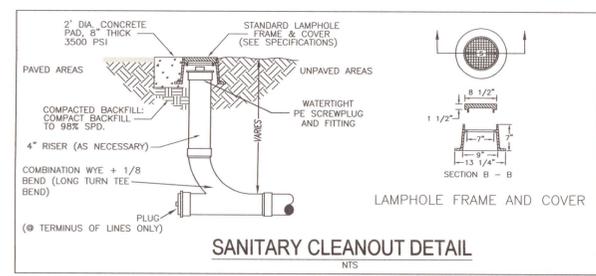
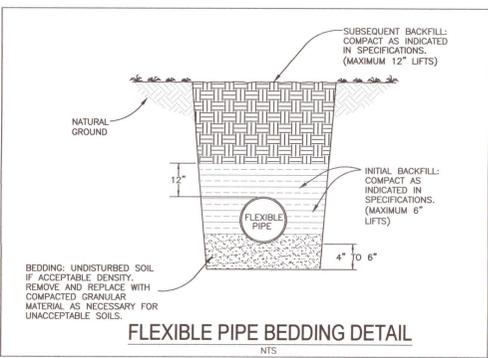
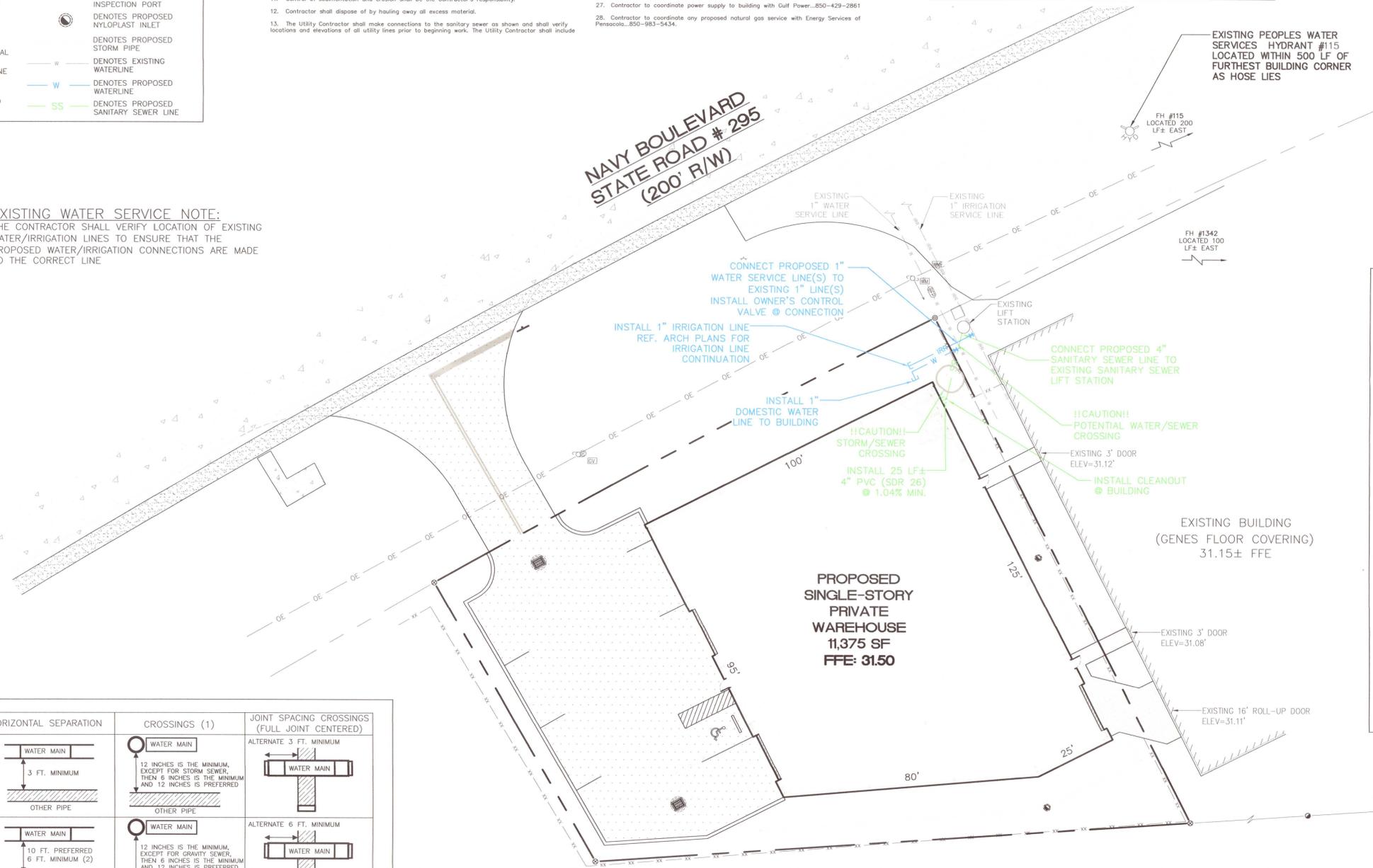
	DENOTES EXISTING ASPHALT		DENOTES EXISTING UTILITY POLE
	DENOTES EXISTING CONCRETE		DENOTES EXISTING WATER METER
	DENOTES EXISTING GRAVEL		DENOTES EXISTING LIGHT POLE
	DENOTES PROPOSED ASPHALT		DENOTES EXISTING BACK FLOW PREVENTER
	DENOTES PROPOSED CONCRETE		DENOTES EXISTING PHONE BOX
	DENOTES EXISTING FENCE		DENOTES PROPOSED STORMTECH SYSTEM INSPECTION PORT
	DENOTES EXISTING OVERHEAD ELECTRICAL		DENOTES PROPOSED NYLOPLAST INLET
	DENOTES EXISTING SANITARY SEWER LINE		DENOTES PROPOSED STORM PIPE
	DENOTES EXISTING IRRIGATION LINE		DENOTES EXISTING WATERLINE
	DENOTES PROPOSED IRRIGATION LINE		DENOTES PROPOSED WATERLINE
			DENOTES PROPOSED SANITARY SEWER LINE

**GENERAL UTILITY NOTES:**

- All potable water and sanitary sewer work shall be done in accordance with Gonzales Utilities engineering manual.
- Contractor shall notify People's Water, F.D.O.T. and the County Engineer 48 hours prior to the commencement of this project.
- Contractor shall make sewer service connections and potable water connections with a Gonzales Utilities inspector present.
- All work shall comply with applicable standards and codes established by People's Water and the Florida Department of Environmental Protection and written specifications.
- Contractor shall notify Sunshine One Utilities two business days in advance prior to digging within R/W; 1-800-432-4770.
- The Contractor shall notify the superintendents of the water, gas, sewer, telephone and power companies 10 days in advance, that he intends to start work in a specific area. The Owner disclaims any responsibility for the support and protection of sewers, drains, water pipes, gas pipes, conduits of any kind, utilities or other structures owned by the City, County, State or by private or public utilities legally occupying any street, alley, public place or right-of-way.
- Florida State Statute 553.851 requires that all excavators notify gas companies of their intention to perform any excavation at least two business days (excluding Sat., Sun. & holidays) prior to beginning work.
- Locations of existing utilities shown on plans are approximate only and it shall be the responsibility of the Contractor to verify the location and sizes before construction. Failure of the plans to show the existence of any underground utilities, structures, etc., shall not relieve the Contractor from the responsibility of locating, preserving and protecting said utility or structures.
- Property obstructions which are to remain in place, such as buildings, sewer, storm drains, water or gas pipes, electrical conduits, poles, walls, posts, etc., are to be carefully protected and are not to be displaced, unless noted.
- Relocation of the obstructions owned by private property Owner, such as mailboxes, shall be the responsibility of the Contractor who must coordinate with the property Owner.
- Control of sedimentation and erosion shall be the Contractor's responsibility.
- Contractor shall dispose of by hauling away all excess material.
- The Utility Contractor shall make connections to the sanitary sewer as shown and shall verify locations and elevations of all utility lines prior to beginning work. The Utility Contractor shall include the cost of protection and/or relocation of other utilities in his bid and shall coordinate his work with other utility sub-contractors to prevent conflicts with other utility lines.
- Contractor shall be responsible for and comply with any testing required by the local governing agency in addition to the testing requirements outlined in the specifications.
- Proposed water line shall have a minimum cover of 30" and a maximum cover of 36" below finished grade unless otherwise noted.
- "As-built" drawings showing all service lines, laterals, mains and valve locations measured from permanent reference points shall be furnished by the contractor to the Engineer prior to acceptance.
- Girding ground trees which are to remain shall be away from the tree in a manner to cause no damage to the tree.
- Contractor shall be responsible for the seeding and mulching and/or sodding of street and road shoulder areas in accordance with FDOT and applicable county requirements and standards.
- Water supply facilities, including mains, shall be installed, cleaned, disinfected and bacteriologically cleared for service in accordance with the latest applicable AWWA Standards and coordinated with the designated People's Water Inspector and Quality Control Supervisor.
- All onsite water and sewer facilities shall be privately owned, operated and maintained.
- Contractor is responsible for adjustment of existing utilities if proposed improvements impact existing utilities.
- All work to take place within the right of way or to be owned and maintained by Gonzales Utilities post-construction shall be performed by a certified underground utility contractor.
- Contractor shall locate existing water main to be tied into and verify configuration to establish the best location for connection.
- Contractor shall obtain an Escambia County right of way permit prior to working within any county R/W.
- Contractor to video/document all right of way areas to be impacted prior to construction.
- Reference utility details provided on sheet C6.
- Contractor to coordinate power supply to building with Gulf Power...850-429-2861
- Contractor to coordinate any proposed natural gas service with Energy Services of Pensacola...850-983-5434.

**EXISTING WATER SERVICE NOTE:**  
THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING WATER/IRRIGATION LINES TO ENSURE THAT THE PROPOSED WATER/IRRIGATION CONNECTIONS ARE MADE TO THE CORRECT LINE

**NAVY BOULEVARD  
STATE ROAD # 295  
(200' R/W)**



- NOTES:**
- VALVE BOX AND BOOT SHALL BE CAST IRON.
  - VALVE COVER SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE.
  - VALVE BOX TOP SHALL BE FLUSH WITH FINISHED GRADE OR 1/2" ABOVE NATURAL GROUND LEVEL.
  - GATE VALVE SHALL BE RESILIENT SEAT WITH MECHANICAL JOINT ENDS OR APPROVED EQUIVALENT.
  - EARTH UNDER FLANGE OF VALVE BOX & COLLAR TO BE FIRM AND WELL TAMPED TO ENSURE AGAINST VALVE BOX SETTLING.

OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING CROSSINGS (FULL JOINT CENTERED)
STORM SEWER, STORMWATER FORCE MAIN	<p>3 FT. MINIMUM</p>	<p>12 INCHES IS THE MINIMUM, EXCEPT FOR STORM SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED.</p>	<p>ALTERNATE 3 FT. MINIMUM</p>
GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN	<p>10 FT. PREFERRED 6 FT. MINIMUM (2)</p>	<p>12 INCHES IS THE MINIMUM, EXCEPT FOR GRAVITY SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED.</p>	<p>ALTERNATE 6 FT. MINIMUM</p>

(1) WATER MAIN SHOULD CROSS ABOVE OTHER PIPE, WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.  
(2) 3 FT. GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.

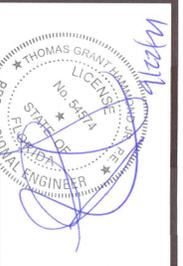
- NOTES:**
- INFORMATION PROVIDED FROM FDEP RULE 62-555. IF OTHER FDEP RULES CONFLICT, THEN USE THE MOST STRINGENT RULE.
  - IF THERE ARE CONFLICTS IN THE SEPARATION REQUIREMENTS BETWEEN COLLECTION SYSTEMS AND DRINKING WATER FACILITIES ESTABLISHED IN FOOTNOTES (1) AND (2) ABOVE THOSE ESTABLISHED IN CHAPTER 62-532 OR 62-555, F.A.C., THEN THE REQUIREMENTS IN CHAPTER 62-532 OR 62-555, F.A.C., SHALL APPLY.

**WATER SEWER/SEPARATION**

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRC REVIEW COMMENTS



**HAMMOND ENGINEERING, INC.**  
FLORIDA AUTHORIZATION NO. 9130  
ALABAMA AUTHORIZATION NO. 3277  
3802 NORTH 15<sup>TH</sup> STREET  
PENSACOLA, FLORIDA 32505  
850 434-2603  
FAX 850-434-2650  
TOM@SELANDESIGN.COM



**SITE DEVELOPMENT PLANS FOR GENES FLOOR COVERING WAREHOUSE UTILITY PLAN**

ESCAMBIA COUNTY FLORIDA

DRAWN BY: CJB  
DESIGNED BY: RLS  
CHECKED BY: TCH  
DATE: 09/19/21  
SCALE: AS SHOWN  
NOT RELEASED FOR CONSTRUCTION  
BY: DATE:

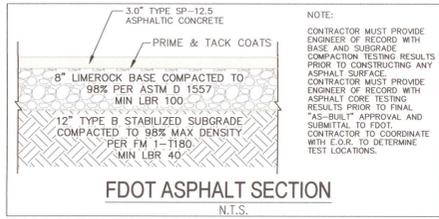


**GRAPHIC SCALE**

22"x34" SCALE 1 inch = 20 ft.



11"x17" SCALE 1 inch = 40 ft.

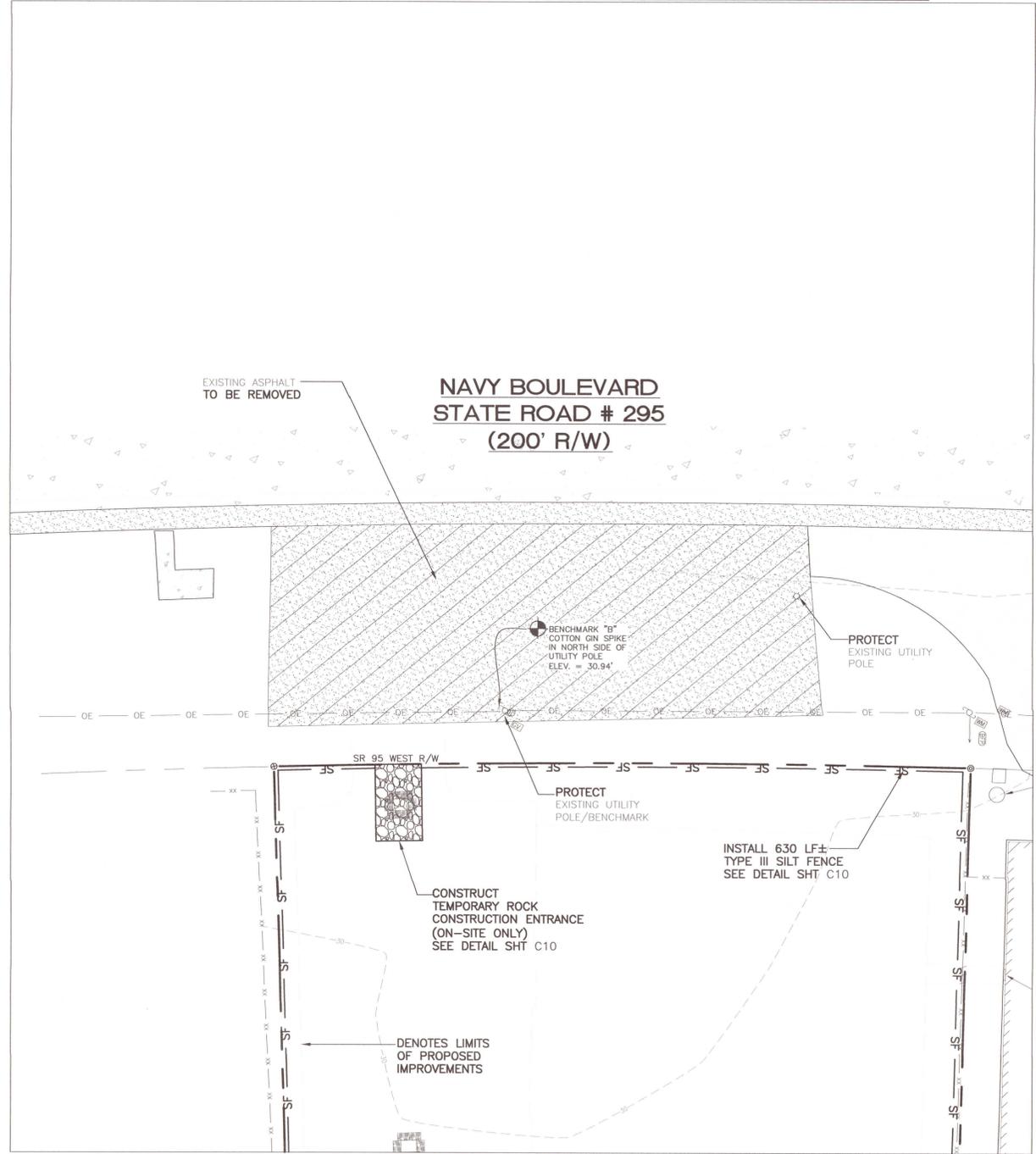
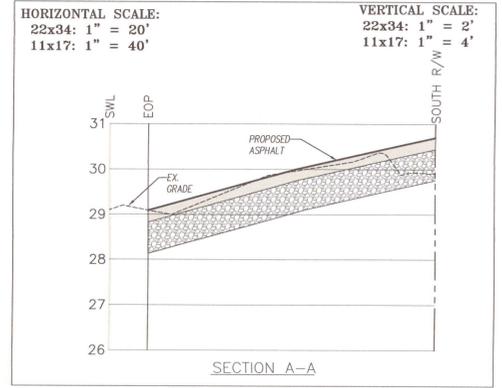
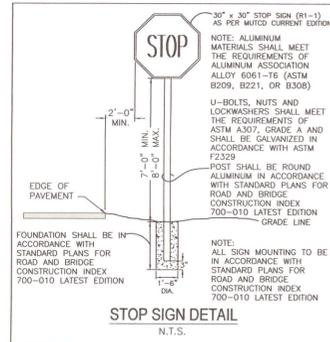


**LEGEND:**

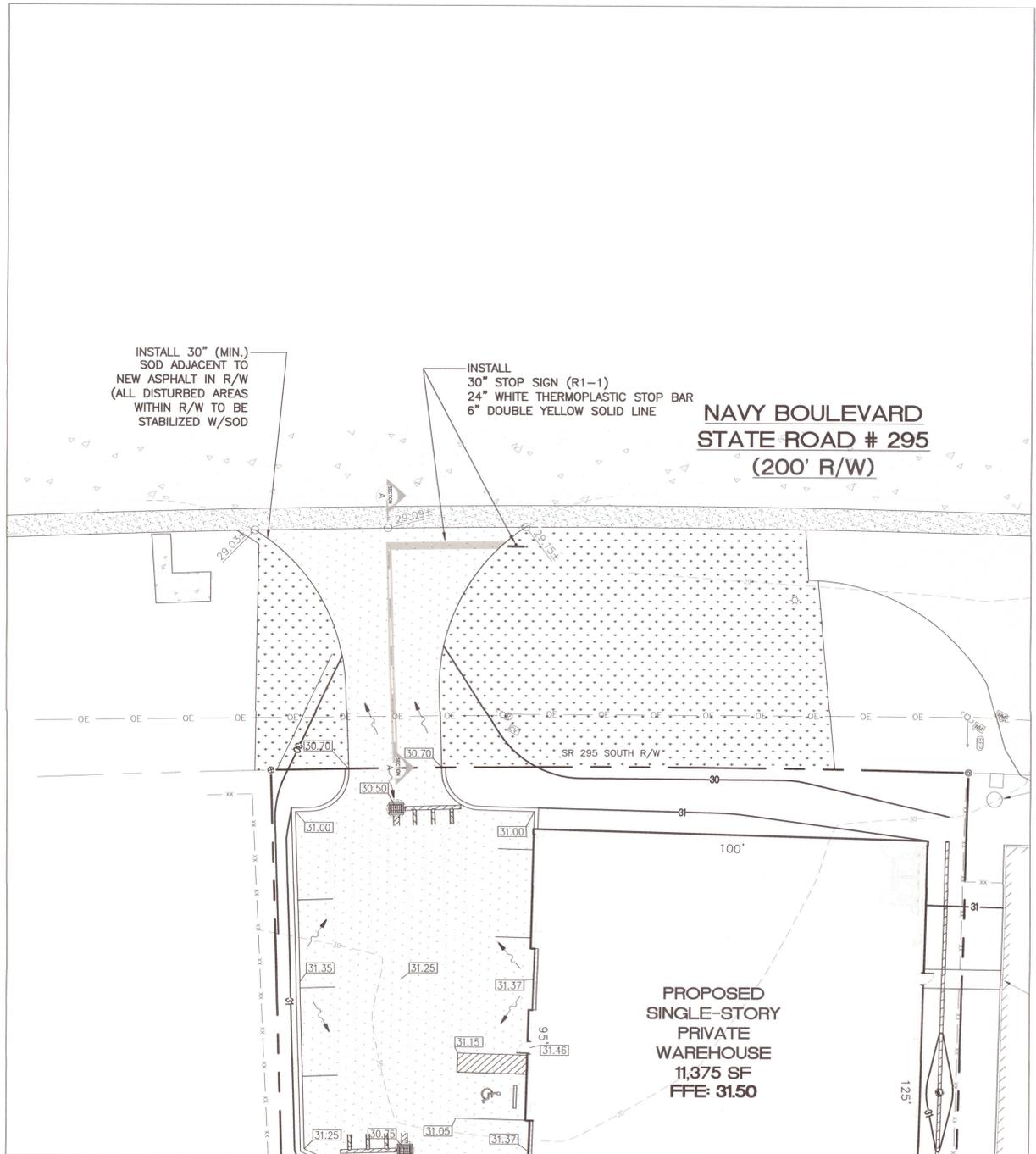
- DENOTES EXISTING ASPHALT
- DENOTES PROPOSED ASPHALT
- DENOTES EXISTING CONCRETE
- DENOTES PROPOSED CONCRETE
- DENOTES EXISTING GRAVEL
- DENOTES EXISTING ASPHALT TO BE REMOVED
- DENOTES PROPOSED SOD
- DENOTES EXISTING OVERHEAD UTILITIES
- DENOTES HAY BALES TO BE INSTALLED
- DENOTES PROPOSED SILT FENCE
- DENOTES PROPOSED STREET SIGN
- DENOTES EXISTING STORM PIPE
- DENOTES EXISTING UTILITY POLE
- DENOTES EXISTING GUY ANCHOR
- DENOTES EXISTING LIGHT POLE
- DENOTES EXISTING WATER METER
- M.E.G. MATCH EXISTING GRADE
- DENOTES EXISTING SPOT ELEVATION
- DENOTES PROPOSED SPOT ELEVATION
- DENOTES PROPOSED STORM PIPE

**FDOT GENERAL NOTES:**

- PERMITTED WORK DOES NOT INCLUDE LANE CLOSURES ALONG THE STATE HIGHWAY. IF A LANE CLOSURE IS NECESSARY, A WRITTEN REQUEST FOR CLOSURE THAT INCLUDES PROPOSED DATES, TIMES, AND PROJECT DURATION MUST BE SUBMITTED TO FDOT. ALLOW A MINIMUM OF 2 WEEKS IN THE CONSTRUCTION SCHEDULING FOR THIS SPECIAL REVIEW.
- ALL LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE LOCAL MAINTENANCE ENGINEER OR HIS DESIGNEE.
- ALL WORK IN THE RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION CURRENT EDITION, THE LATEST STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE PLANS PREPARATION MANUAL (PPM) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL SIGNAGE FOUND IN THE RIGHT OF WAY THAT MUST BE REMOVED FOR CONSTRUCTION PURPOSES MUST BE RELOCATED IN THE SAME PRE-CONSTRUCTION VICINITY. ANY DAMAGE TO SIGNS OR POSTS DURING REMOVAL, STORAGE, OR RELOCATION WILL REQUIRE THE SIGN(S) OR POST(S) TO BE REPLACED WITH NEW.
- NO WORK SHALL BE PERFORMED WITHIN THE RIGHT-OF-WAY UNTIL THE PROPER MAINTENANCE OF TRAFFIC IS IN PLACE ACCORDING TO THE APPROPRIATE 102-600 SERIES INDEX OF THE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION. A CERTIFIED WORKSITE TRAFFIC SUPERVISOR SHALL SET UP THE MOT.
- A QUALITY CONTROL PLAN FOR ALL WORK TO TAKE PLACE WITHIN THE STATE RIGHT OF WAY IS REQUIRED PRIOR TO START OF CONSTRUCTION.
- ALL PAVEMENT MARKINGS AND STRIPING TO BE THERMOPLASTIC AND INSTALLED ACCORDING TO THE APPROPRIATE 711 SERIES INDEX OF THE FDOT STANDARD PLANS FOR ROAD CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF EROSION CONTROL DURING CONSTRUCTION.
- A MINIMUM OF 30\"/>



**EXISTING CONDITIONS**



**PROPOSED IMPROVEMENTS**

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRG REVIEW COMMENTS

**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDDESIGN.COM



**SITE DEVELOPMENT PLANS FOR**  
**GENE'S FLOOR COVERING WAREHOUSE**  
**FOOT DRIVEWAY CONNECTION PLAN**  
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: GJB  
 DESIGNED BY: RLS  
 CHECKED BY: TGH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 BY: DATE:

GRAPHIC SCALE

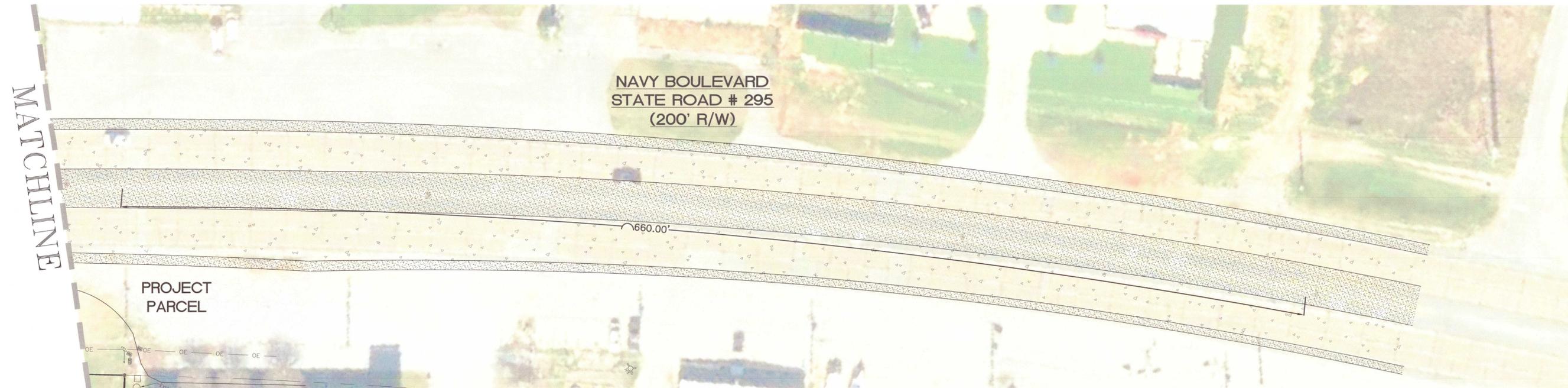
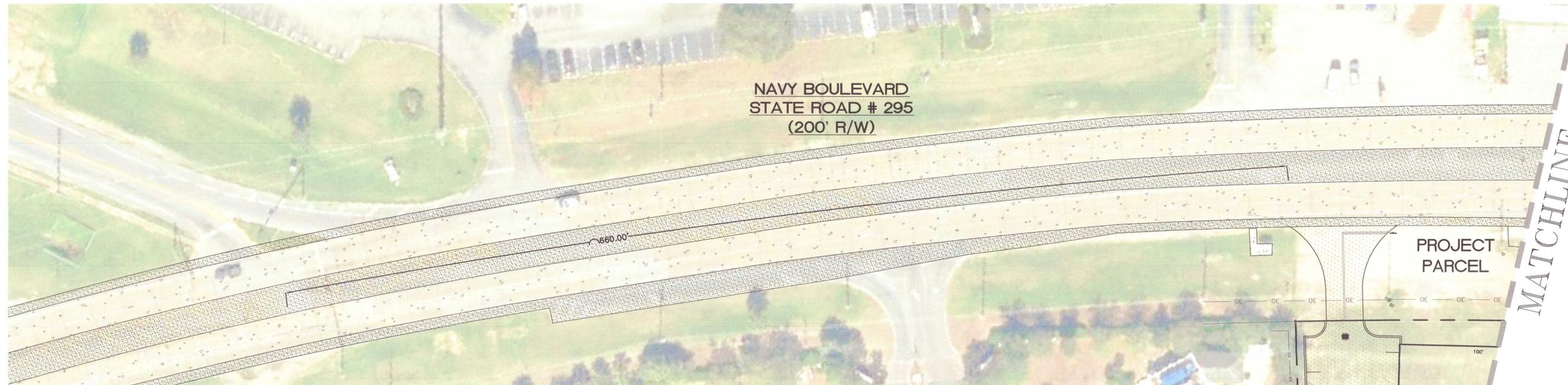
22"x34" SCALE 1 inch = 30 ft.

11"x17" SCALE 1 inch = 60 ft.



LEGEND:

-  DENOTES EXISTING ASPHALT
-  DENOTES EXISTING CONCRETE
-  DENOTES EXISTING GRAVEL



REVISIONS	
NO.	DATE
1	09/21/2021

**HE**

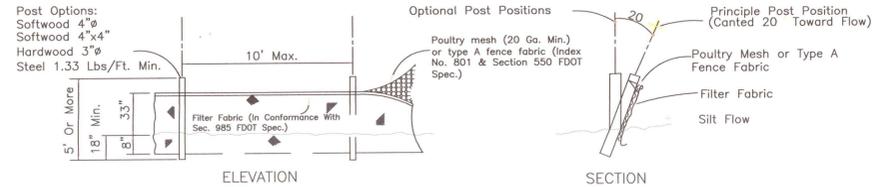
HAMMOND ENGINEERING, INC.  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDESIGN.COM



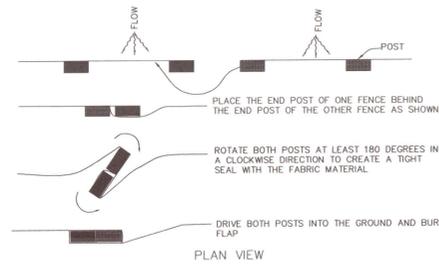
SITE DEVELOPMENT  
 PLANS FOR  
 GENE'S FLOOR  
 COVERING WAREHOUSE  
 FDOT '660' PLAN  
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: CUG  
 DESIGNED BY: RLS  
 CHECKED BY: TGH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR  
 CONSTRUCTION  
 BY: DATE:

THIS DRAWING IS THE PROPERTY OF HAMMOND ENGINEERING, INC. AND IS NOT TO BE REPRODUCED IN WHOLE OR IN PART. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED UPON REQUEST.

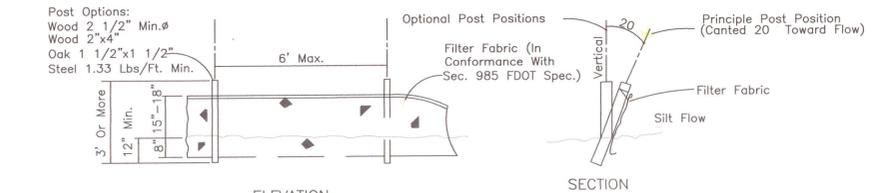


**TYPE IV SILT FENCE**  
NTS

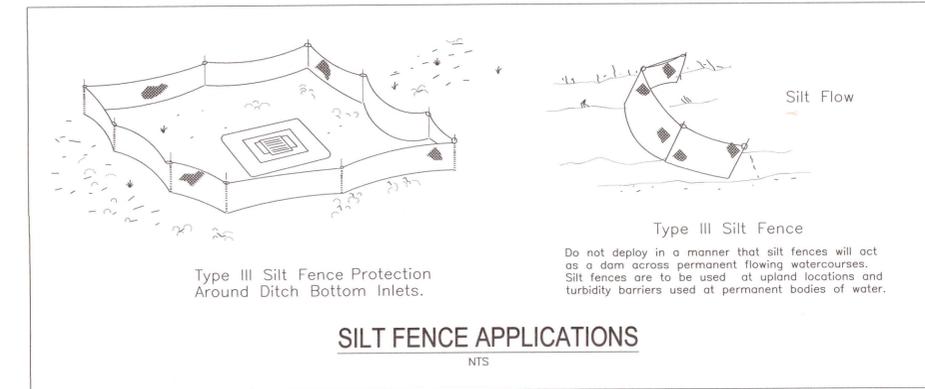


**JOINING TWO SILT FENCES**  
NTS

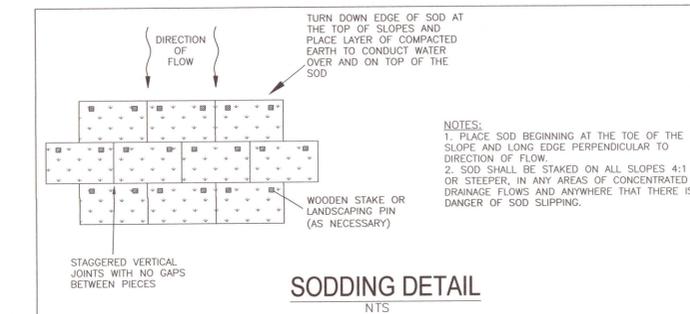
- NOTES FOR SILT FENCES:**
1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1 (FOUND BELOW)
  2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25'. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR ADJACENT PROPERTY.
  3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATER COURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMENT BODIES OF WATER.
  4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.



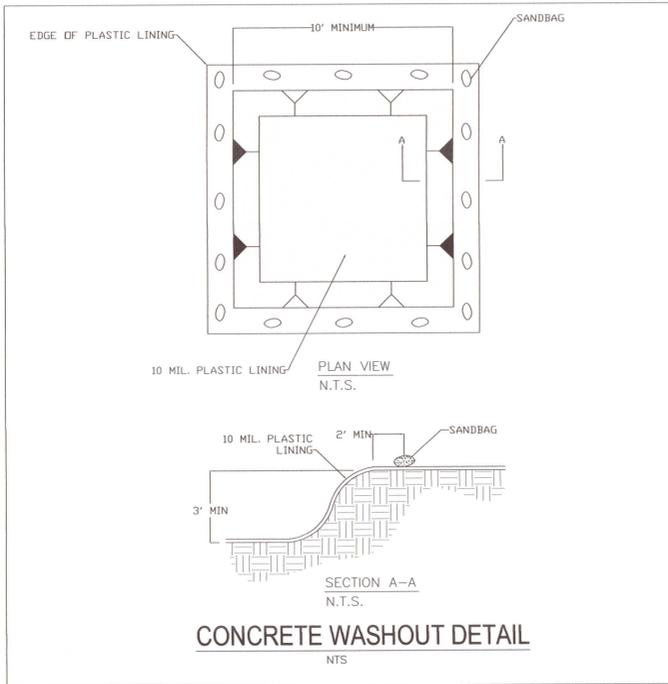
**TYPE III SILT FENCE**  
NTS



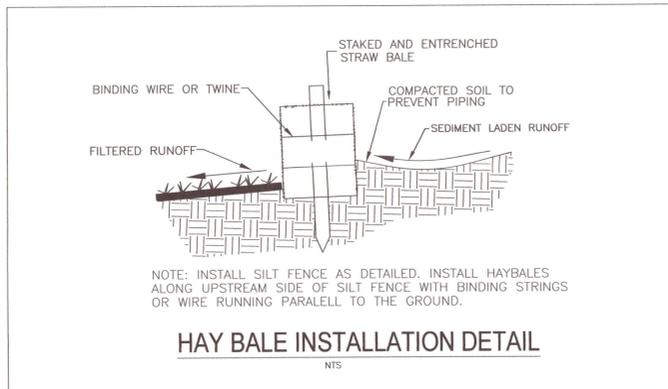
**SILT FENCE APPLICATIONS**  
NTS



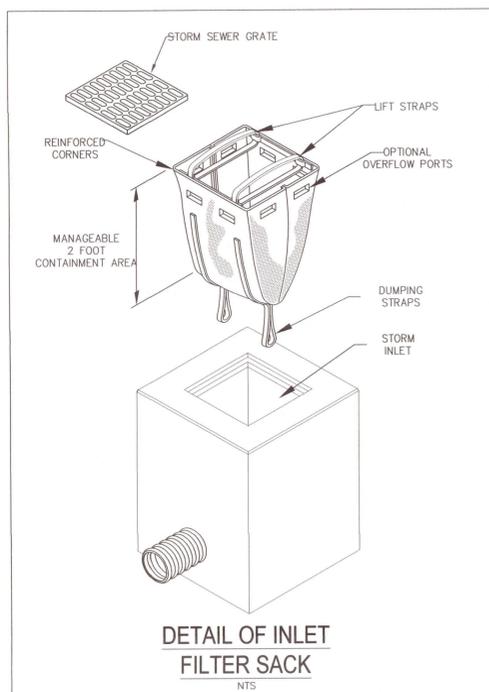
**SODDING DETAIL**  
NTS



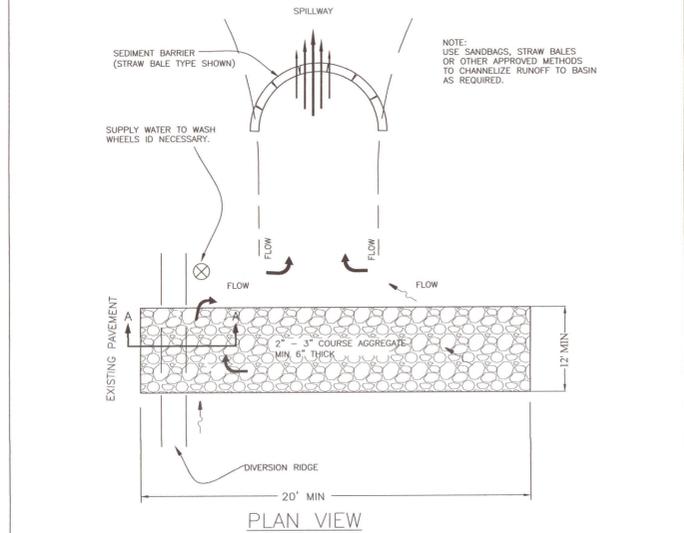
**CONCRETE WASHOUT DETAIL**  
NTS



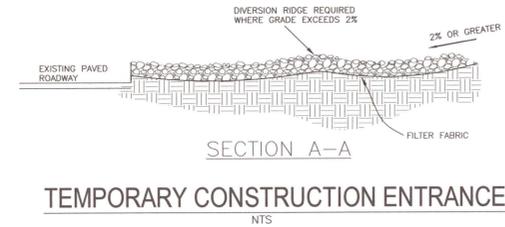
**HAY BALE INSTALLATION DETAIL**  
NTS



**DETAIL OF INLET FILTER SACK**  
NTS



**TEMPORARY GRAVEL CONSTRUCTION ENTRANCE TO BE CONSTRUCTED AT ALL DESIGNATED CONSTRUCTION ENTRANCES AND EXITS.**



**TEMPORARY CONSTRUCTION ENTRANCE**  
NTS

- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

*Offsite vehicle tracking of sediments and geration of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Offsite sediment removal should be conducted at a frequency necessary to minimize impacts. Vehicle wash area should be considered if offsite tracking becomes excessive.*

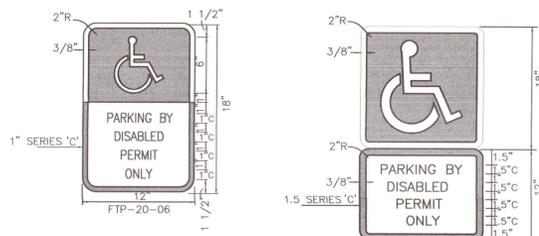
NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY IRC REVIEW COMMENTS

**HAMMOND ENGINEERING, INC.**  
FLORIDA AUTHORIZATION NO. 9130  
ALABAMA AUTHORIZATION NO. 3277  
3802 NORTH 15<sup>TH</sup> STREET  
PENSACOLA, FLORIDA 32505  
850 434-2603  
FAX 850-434-2650  
TOM@SELANDESIGN.COM



**SITE DEVELOPMENT PLANS FOR**  
**GENE'S FLOOR COVERING WAREHOUSE**  
**EROSION CONTROL DETAILS**  
ESCAMBIA COUNTY FLORIDA

DRAWN BY: CUG	DESIGNED BY: RLS
CHECKED BY: TGH	DATE: 08/19/21
SCALE: AS SHOWN	NOT RELEASED FOR CONSTRUCTION
BY:	DATE:

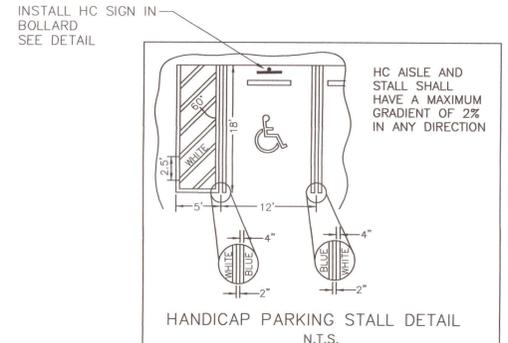


SIGNS USED AS PER FLORIDA STATUTES  
FTP 20-06, FTP 21-06 Per FS 316.1955, FS 316.1956



- NOTES:
1. Top portion of FTP 20-06 & 21-06 shall have a reflective blue background with white reflective symbol and border.
  2. Bottom portion shall have a reflective white background with black opaque legend and border.
  3. FTP 20-06 & 21-06 may be fabricated on one panel or two.
  4. FTP 20-06 may be substituted for the FTP 21-06 in areas where space is limited.
  5. Signs are to be mounted at standard height. (7' from pavement to bottom of sign).

**HANDICAPPED PARKING SIGN DETAIL**  
NTS

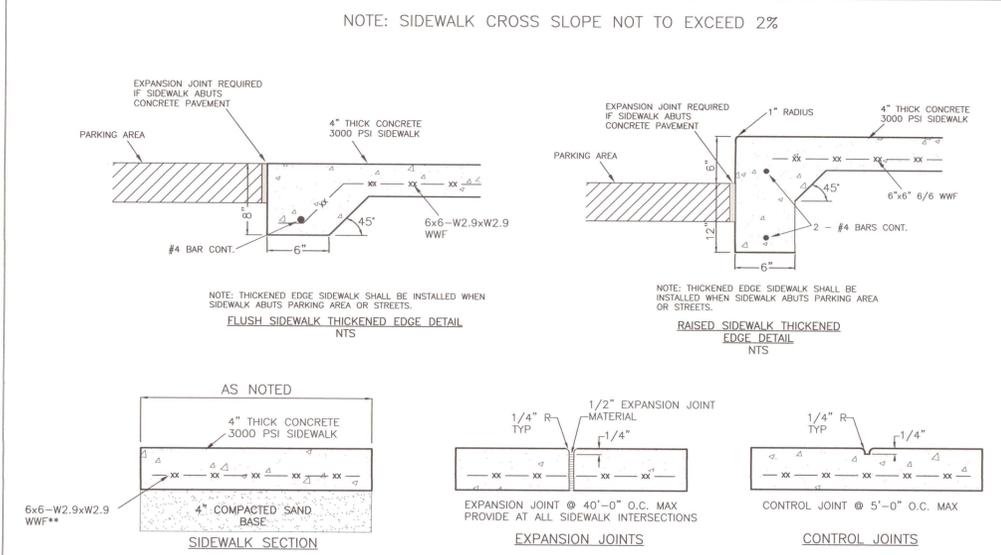


HANDICAP PARKING SPACE TO CONSTRUCTED IN ACCORDANCE TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEX 17346

SYMBOL SHALL BE WHITE IN COLOR. REFERENCE FDOT DESIGN STANDARDS INDEX 17346 FOR ADDITIONAL DETAILS

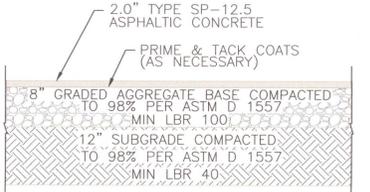


**HANDICAP PAVEMENT SYMBOL/LINING**  
NTS



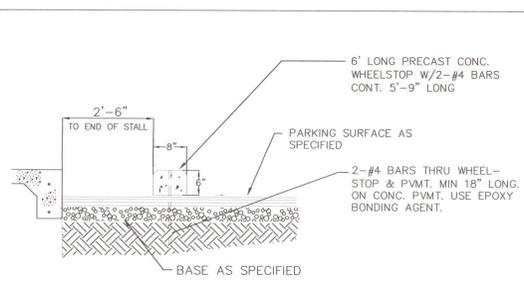
**SIDEWALK DETAILS**  
NTS

\*\*FIBER REINFORCED CONCRETE CAN BE USED IN LIEU OF WWF IF DESIRED

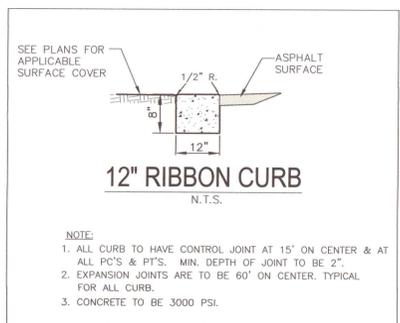


**TYPICAL ON-SITE ASPHALT SECTION**  
NTS

NOTE:  
CONTRACTOR MUST PROVIDE ENGINEER OF RECORD WITH BASE AND SUBGRADE COMPACTION TESTING RESULTS PRIOR TO CONSTRUCTING ANY ASPHALT SURFACE. CONTRACTOR MUST PROVIDE ENGINEER OF RECORD WITH ASPHALT CORE TESTING RESULTS PRIOR TO FINAL "AS-BUILT" APPROVAL AND SUBMITTAL TO AHJ. CONTRACTOR TO COORDINATE WITH E.O.R. TO DETERMINE TEST LOCATIONS.

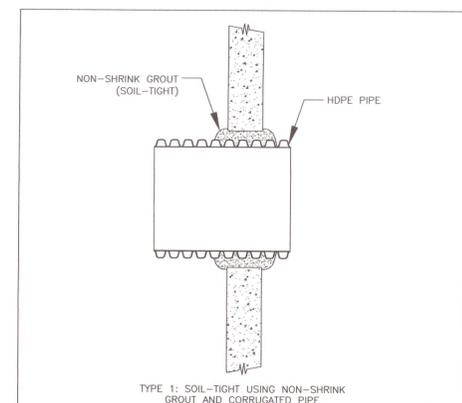


**BUMPER BLOCK INSTALLATION**  
NTS



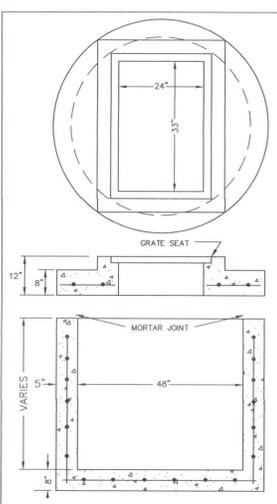
**12" RIBBON CURB**  
NTS

- NOTE:
1. ALL CURB TO HAVE CONTROL JOINT AT 15' ON CENTER & AT ALL PC'S & PT'S. MIN. DEPTH OF JOINT TO BE 2".
  2. EXPANSION JOINTS ARE TO BE 60' ON CENTER. TYPICAL FOR ALL CURB.
  3. CONCRETE TO BE 3000 PSI.



**HDPE PIPE STRUCTURE CONNECTION DETAIL**  
NTS

TYPE 1: SOIL-TIGHT USING NON-SHRINK GROUT AND CORRUGATED PIPE



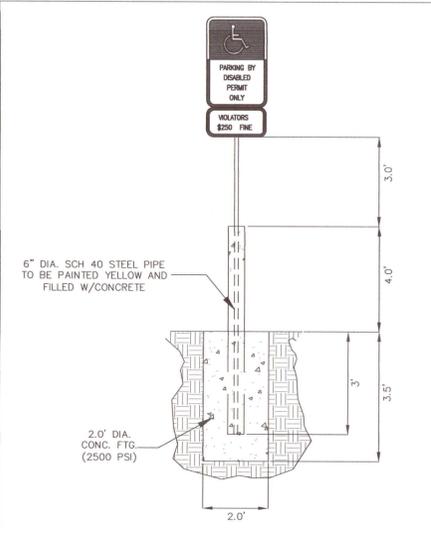
**48" DIA. MODIFIED TYPE 'C' INLET**  
NTS

NOTE:  
\* GRADE 40, OR EQUIVALENT WELDED WIRE MESH.  
GRATE INFORMATION:

U.S.F. NO.	TYPE	RATING	FLOW AREA (SQ. FT.)
6212	CAST IRON	H-20 TRAFFIC	445

GRATE NOT SHOWN FOR CLARITY.

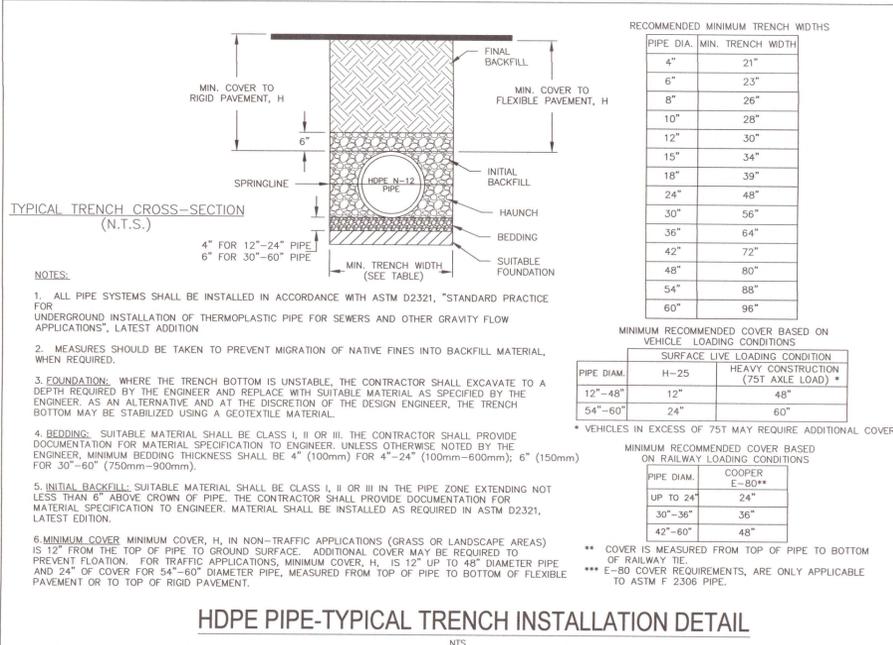
MATERIALS:  
CONCRETE: 4000 PSI, TYPE II CEMENT  
WALL REINFORCING: PER ASTM C-478 STANDARDS  
TOP SLAB REINFORCING: #6 @ 6" C.C.E.W. W/2 EA.  
#6 (4 SIDES) AROUND OPENING\*  
BOTTOM SLAB REINFORCING: #4 @ 12" C.C.E.W.



**BOLLARD DETAIL W/ SIGN**  
NTS

**List of Recommended Native and Non-Invasive Plants**

Shrubs (mature height 36" min.)	Understory Trees (mature height 15-29 feet)	Canopy Trees (mature height over 30 feet)
Abelia <i>Abelia grandiflora</i>	Flowering Dogwood <i>Cornus florida</i>	Red Maple <i>Acer rubrum</i>
Aucuba japonica <i>Aucuba</i>	Loblolly Bay <i>Gordonia lasianthus</i>	Silver Maple <i>Acer saccharum</i>
Barberry <i>Berberis sp.</i>	American Holly <i>Nex opaca</i>	American Hornbeam <i>Carpinus caroliniana</i>
Japanese Boxwood <i>Buxus microphylla</i>	Dahoon Holly <i>Nex castane</i>	Southern Red Cedar <i>Juniperus stricta</i>
Beauty Berry <i>Callicarpa americana</i>	Crape Myrtle <i>Lagerstrœmia fruticosa</i>	Leyland Cypress <i>Cupressocyparis leylandii</i>
Japanese Plum-Yew <i>Ostrya japonica</i>	Glossy Privet <i>Ligustrum lucidum</i>	River Birch <i>Betula nigra</i>
Silverhorn Elm <i>Elaeagnus pungens</i>	Saucer Magnolia <i>Magnolia z soulangiana</i>	Pignut Hickory <i>Carya glabra</i>
Fatsia <i>Fatsia japonica</i>	Sweetbay Magnolia <i>Magnolia virginiana</i>	Green Ash <i>Fraxinus pennsylvanica</i>
Gardenia <i>Gardenia jasminoides</i>	Southern Crab Apple <i>Malus angustifolia</i>	Nalidenhair Tree <i>Ginkgo biloba (male)</i>
Burford Holly <i>Nex cornuta</i>	Wax Myrtle <i>Myrica cerifera</i>	Sweetgum <i>Liquidambar styraciflua</i>
Japanese Privet <i>Ligustrum japonicum</i>	Burford Pear <i>Pyrus calleryana</i>	Tulip Poplar <i>Liriodendron tulipifera</i>
Southern Wax Myrtle <i>Myrica cerifera</i>	Yaupon Holly <i>Nex vomitoria</i>	Southern Magnolia <i>Magnolia grandiflora</i>
Firethorn <i>Pyracantha coccinea</i>	Loquat <i>Eriobotrya japonica</i>	tupelo/Sour Gum <i>Nyssa sylvatica</i>
Dwarf Japanese Holly <i>Nex cornuta</i>	Eastern Redbud <i>Cercis canadensis</i>	Slash Pine <i>Pinus elliotii</i>
Chinese Holly <i>Nex cornuta</i>	Fringe Tree <i>Chionanthus virginicus</i>	Longleaf Pine <i>Pinus palustris</i>
Dwarf Yaupon Holly <i>Nex vomitoria "Nana"</i>	Hawthorn <i>Crataegus spp.</i>	Sycamore <i>Plantanus occidentalis</i>
Chinese Juniper <i>Austriacus chinensis</i>	Silverbell <i>Halesia caroliniana</i>	White Oak <i>Quercus alba</i>
Indian Hawthorn <i>Rhaphirolepis sp.</i>	Red-Tip Photinia <i>Photinia</i>	Live Oak <i>Quercus virginiana</i>
Rhododendron/Azalea <i>Rhododendron sp.</i>		Shumard Oak <i>Quercus shumardii</i>
		Southern Red Oak <i>Quercus falcata</i>



**TYPICAL TRENCH CROSS-SECTION**  
(N.T.S.)

- NOTES:
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
  2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
  3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
  4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS II, III OR IV. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-900mm).
  5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS II, III OR IV IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
  6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

**RECOMMENDED MINIMUM TRENCH WIDTHS**

PIPE DIA.	MIN. TRENCH WIDTH
4"	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

**MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS**

PIPE DIA.	SURFACE LIVE LOADING CONDITION	
	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD) *
12"-48"	12"	48"
54"-60"	24"	60"

\* VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER

**MINIMUM RECOMMENDED COVER BASED ON RAILWAY LOADING CONDITIONS**

PIPE DIA.	COOPER E-80**
UP TO 24"	24"
30"-36"	36"
42"-60"	48"

\*\* COVER IS MEASURED FROM TOP OF PIPE TO BOTTOM OF RAILWAY TIE.  
\*\*\* E-80 COVER REQUIREMENTS, ARE ONLY APPLICABLE TO ASTM F 2306 PIPE.

**HDPE PIPE-TYPICAL TRENCH INSTALLATION DETAIL**  
NTS

REVISIONS

NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBIA COUNTY DRC REVIEW COMMENTS

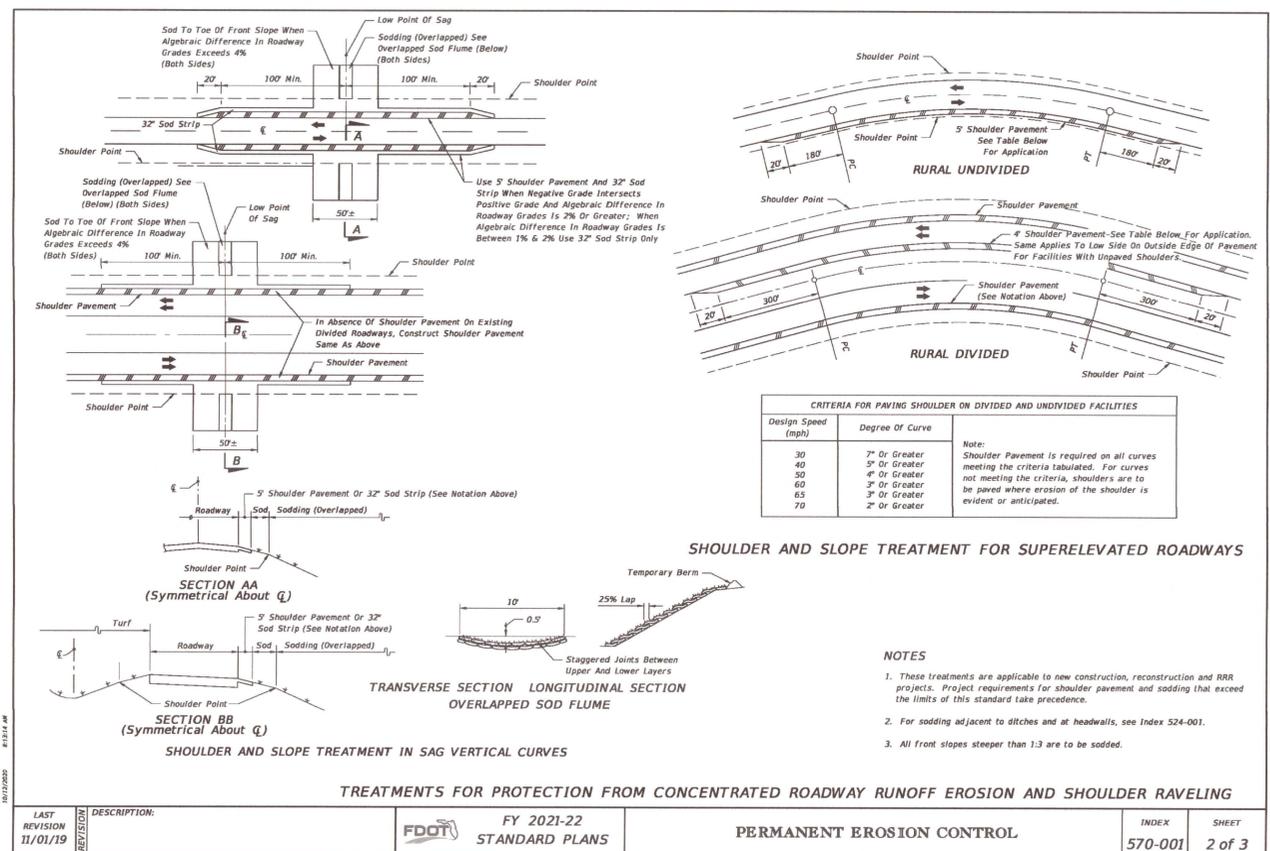
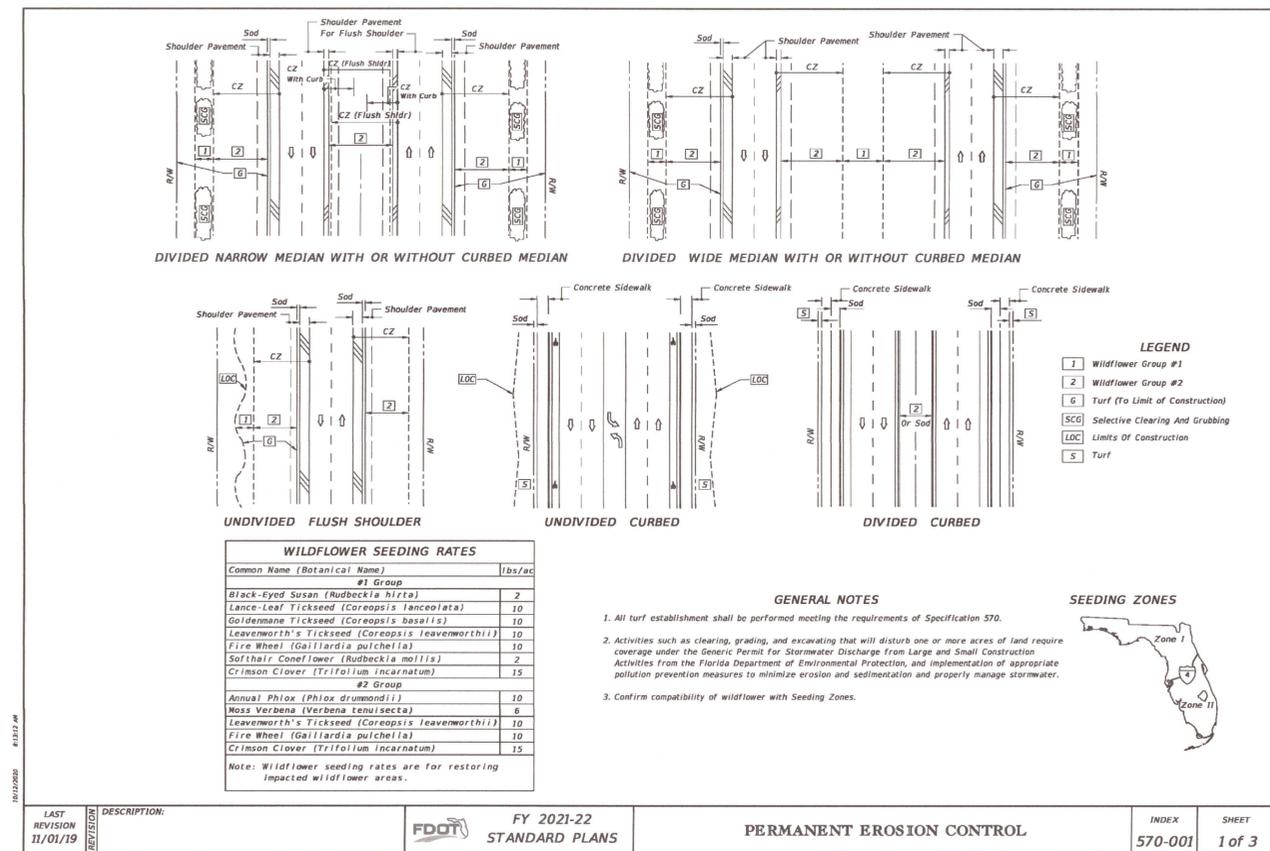
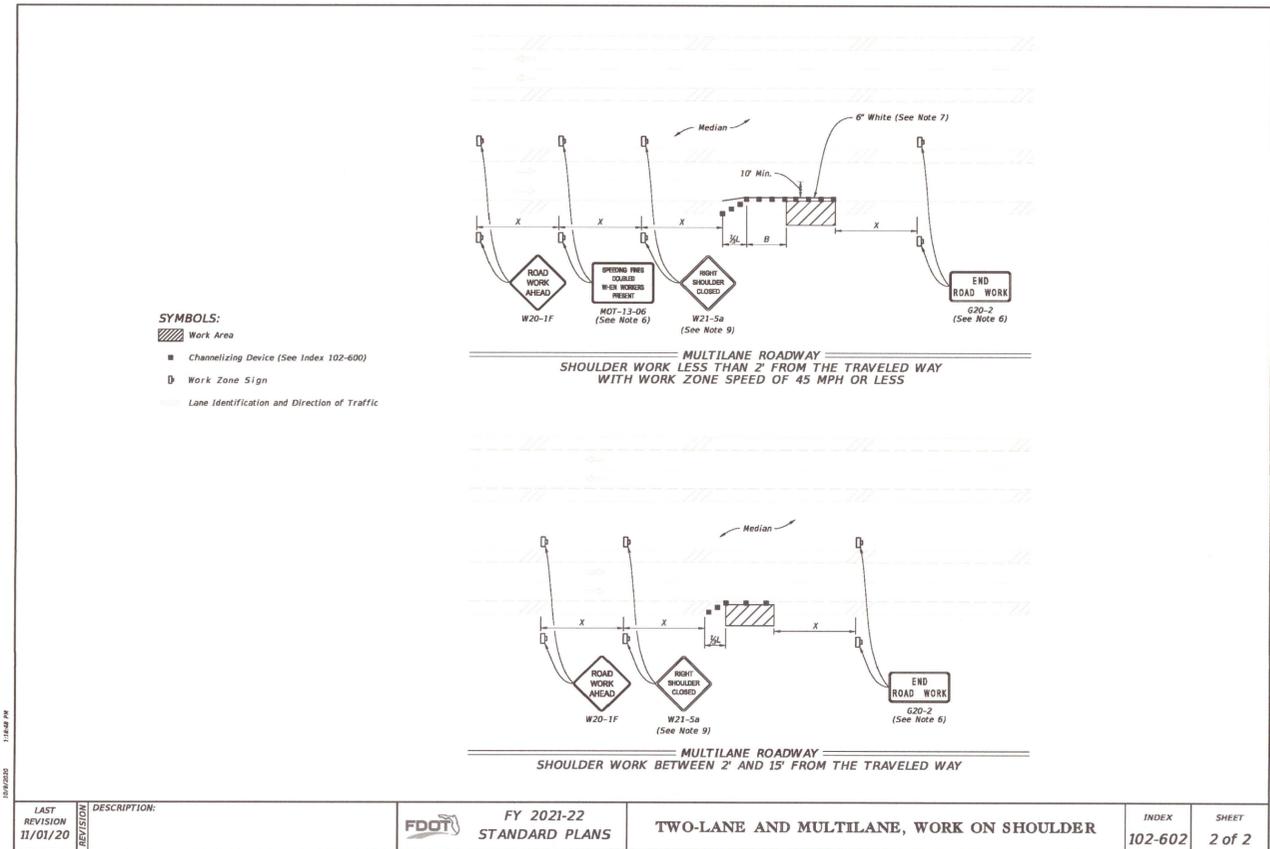
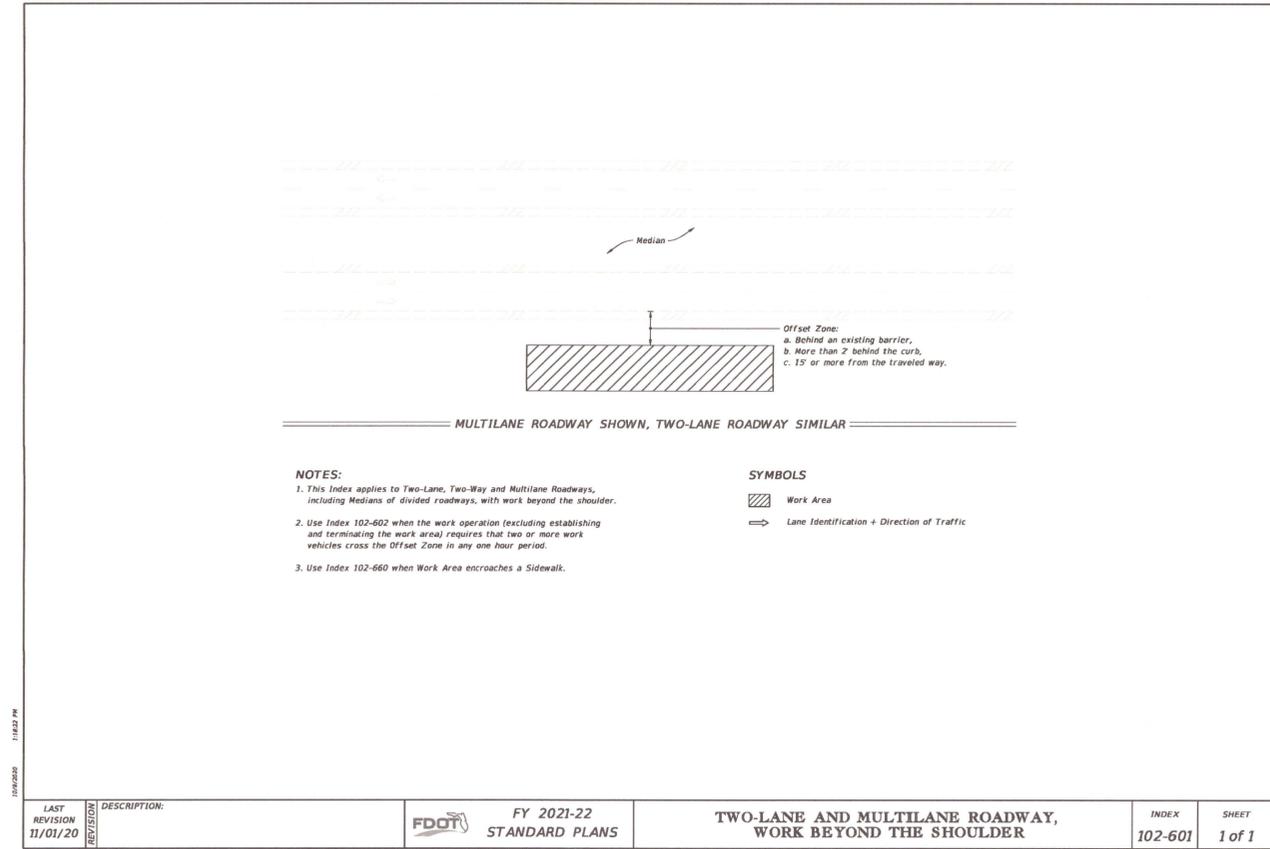
**HAMMOND ENGINEERING, INC.**  
FLORIDA AUTHORIZATION NO. 9130  
ALABAMA AUTHORIZATION NO. 3277  
3802 NORTH "S" STREET  
PENSACOLA, FLORIDA 32505  
850 434-2603  
FAX 850-434-2650  
TOM@SELANDESIGN.COM



**SITE DEVELOPMENT PLANS FOR GENE'S FLOOR COVERING WAREHOUSE CONSTRUCTION DETAILS**  
ESCAMBIA COUNTY FLORIDA

DRAWN BY: CJB  
DESIGNED BY: RLS  
CHECKED BY: TGH  
DATE: 08/19/21  
SCALE: AS SHOWN  
NOT RELEASED FOR CONSTRUCTION  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_





NO.	DATE	REVISIONS
1	09/21/2021	REVISED PLANS AS PER ESCAMBA COUNTY DRC REVIEW COMMENTS

**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH 'S' STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDDESIGN.COM



**SITE DEVELOPMENT PLANS FOR GENE'S FLOOR COVERING WAREHOUSE**

**FOOT DETAILS**

DESIGNED BY: RLS  
 CHECKED BY: TGH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO: 21-031  
 SHEET: C13

**PAVEMENT MARKING LINES**

10'-30' SKIP LINE WITH SHADOW MARKINGS

**DOTTED LINE WITH ALTERNATING SHADOW MARKINGS**

**YIELD LINES**

Yield Lines consist of five - 18" x 27" white triangles which face traffic. Equally space triangles within traffic lane. When a bike lane is present, add one additional triangle in the center of the bike lane.

LAST REVISION	DESCRIPTION:	FY 2021-22	INDEX	SHEET
02/05/21	Added railroad pavement marking details.	STANDARD PLANS	711-001	2 of 14

**STEP 1: Calculate the area and the centroid for an individual sign or sign cluster.** Note that the centroid and areas have been calculated for frequently used sign clusters. These are shown on Sheets 7, 8, and 9.

Size a x h (in. x in.)	Area (in. <sup>2</sup> )	Centroid (in.)	X <sub>c</sub> (in.)	Y <sub>c</sub> (in.)	X <sub>c</sub> <sup>2</sup> (in. <sup>2</sup> )	Y <sub>c</sub> <sup>2</sup> (in. <sup>2</sup> )	
21 x 15	7.5	-10.5-1.5 = -13.5	7.5	315	-4,252.5	2,362.5	
21 x 15	7.5	10.5+1.5 = 13.5	7.5	315	-4,252.5	2,362.5	
24 x 24	12	-12-1.5 = -13.5	15+1+2 = 28	576	-7,776	16,128	
24 x 24	12	12+1.5 = 13.5	15+1+2 = 28	436	5,888	12,208	
24 x 12	6	-12-1.5 = -13.5	15+1+2+1+6 = 47	288	-3,888	13,536	
24 x 12	6	12+1.5 = 13.5	15+1+2+1+6 = 47	288	3,888	13,536	
<b>TOTALS</b>				<b>2,218</b>	<b>-2,218</b>	<b>-1,890</b>	<b>60,133</b>

**STEP 2: Determine the height 'H' from groundline to the centroid of the individual sign or sign cluster.**  
Assume: 'B' = 1 ft., 'C' = 7 ft.  
Calculated: X<sub>c</sub> = -0.1 ft., Y<sub>c</sub> = 'D' 2.26 ft.  
H = 'B' + 'C' + 'D' = 10.26 ft. => **USE 11 ft.**

**STEP 3: Refer to the Aluminum Column (Post) Selection Tables and find the intersection point. See Sheet 3.**

WIND SPEED (MPH)	10	12	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
3 ft	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 ft	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5 ft	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16 ft	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30 ft	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

**STEP 4: For sign assemblies with signs oriented in two directions, only the sign with the largest area should be analyzed to determine the Column (Post) requirements.**

**GUIDE TO USE THIS INDEX**

LAST REVISION	DESCRIPTION:	FY 2021-22	INDEX	SHEET
11/01/20		STANDARD PLANS	700-010	1 of 10

**DESIGN EXAMPLE - CENTROID**

**CALCULATION OF SIGN CLUSTER CENTROID**

**STOP**      **YIELD**      **RECTANGLE**      **DIAMOND**

**RAILROAD**      **SCHOOL**      **SHIELD**      **COUNTY**

**NOTES:**

- For 'B' & 'C' see Index 700-101 and Roadway Plans.
- Do not exceed an area of 30 SF or a width of 60 inches for a sign or a sign cluster, including rotated sign panels.
- Vertical sign spacing (1" shown on sign cluster detail) also applies to rotated signs.

LAST REVISION	DESCRIPTION:	FY 2021-22	INDEX	SHEET
11/01/19		STANDARD PLANS	700-010	2 of 10

**SLIP BASE AND FOUNDATION DETAIL**

**NOTES:**

- Foundation Notes For Slip Base:
  - Place Stub into concrete foundation given in the FOUNDATION TABLE using Class I Concrete.
- Slip Base Fabrication Notes:
  - The difference between the O.D. of the post and I.D. of the Sleeve must be 1/8" or less.
  - The WELDED STUB BASE and lower STUB/SLEEVE BASE must be fabricated using galvanized steel as an option to aluminum. The upper portion of the SLIP BASE must be aluminum.
  - Either a Welded Stub Base or Bolted Stub/Sleeve Base may be used in Slip Base.
  - For cast base plates bolted to foundation stubs, use a foundation stub the same size as the sign column (Post).
- Slip-Base Assembly Instructions:
  - Assemble the Slip Base as follows:
    - Insert Post into Sleeve and connect using 2 - 1/2" diameter Sleeve Bolts.
    - Assemble top base plate to bottom Base Plate using Base Bolts (high strength) with 3 washers per bolt. (See Detail 'A').
    - Place one washer on each Base Bolt between the Bottom Base Plate and the Base Bolt head.
    - Place the next washer between the Bottom Base Plate and the Bolt Keeper Plate.
    - Use brass or galvanized steel shims to plumb the post.
    - Add the top base plate section.
    - Place the third washer between the Top Base Plate and the Nut.
  - Orient the Bolt Keeper Plates in the Direction of Traffic.
  - Tighten Base Bolts as follows:
    - Tighten Base Bolts to the maximum possible with a 12" to 18" wrench (this will bed the washers and shims and clear the bolt threads).
    - Loosen each Base Bolt one turn.
    - Under the supervision of the Engineer, use a calibrated wrench to tighten bolts to the torque prescribed in the SLIP BASE DETAILS Table. Over tightened Base Bolts are not permitted.
    - Distort bolt threads at the junction with nuts to prevent loosening. Repair damaged galvanizing.
  - Obtain a tight sleeve connection by placing 4 galvanized steel shims between the column (post) and sleeve. Space the shims evenly around the perimeter of the column (1 between each bolt hole, 4 total). Use shims that are 1" shorter than the height of the sleeve.

Column (Post) Size	Outside Dia.	Wall Thickness	Sleeve I.D. (Max.)	Sleeve Height	Weld Base Height	Radius	Shim Length	Base Plate Torque	Hole Size	SHR
4"	4 1/8"	3/16"	4 1/8"	3"	29	345	1 1/2"	1 1/2"	1 1/2"	1 1/2"
4 1/2"	5 1/8"	3/16"	5 1/8"	3"	29	345	1 1/2"	1 1/2"	1 1/2"	1 1/2"
5"	5 1/2"	3/16"	5 1/2"	3"	29	345	1 1/2"	1 1/2"	1 1/2"	1 1/2"
6"	6 1/2"	3/16"	6 1/2"	3"	29	345	1 1/2"	1 1/2"	1 1/2"	1 1/2"
8"	8 1/2"	3/16"	8 1/2"	3"	29	345	1 1/2"	1 1/2"	1 1/2"	1 1/2"

LAST REVISION	DESCRIPTION:	FY 2021-22	INDEX	SHEET
11/01/20		STANDARD PLANS	700-010	4 of 10

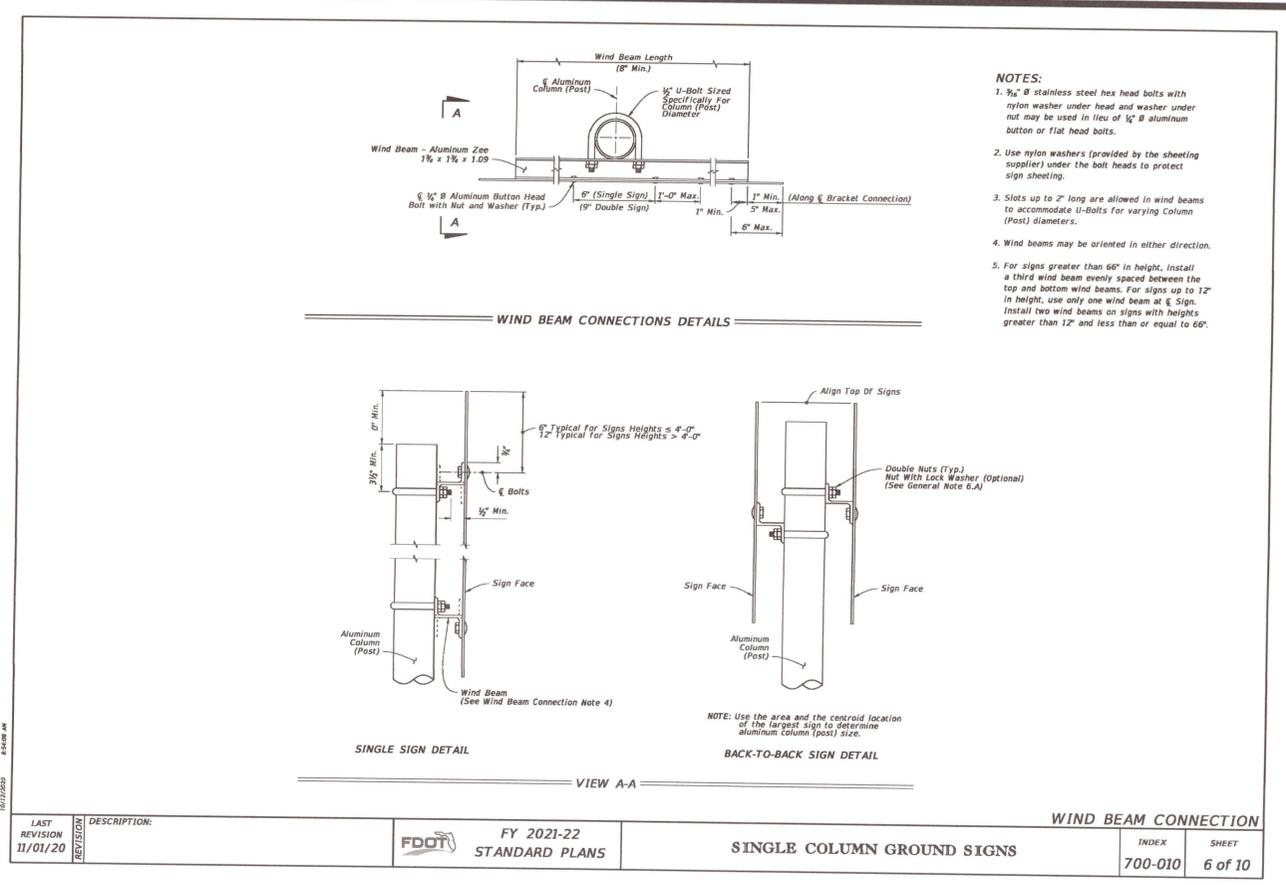
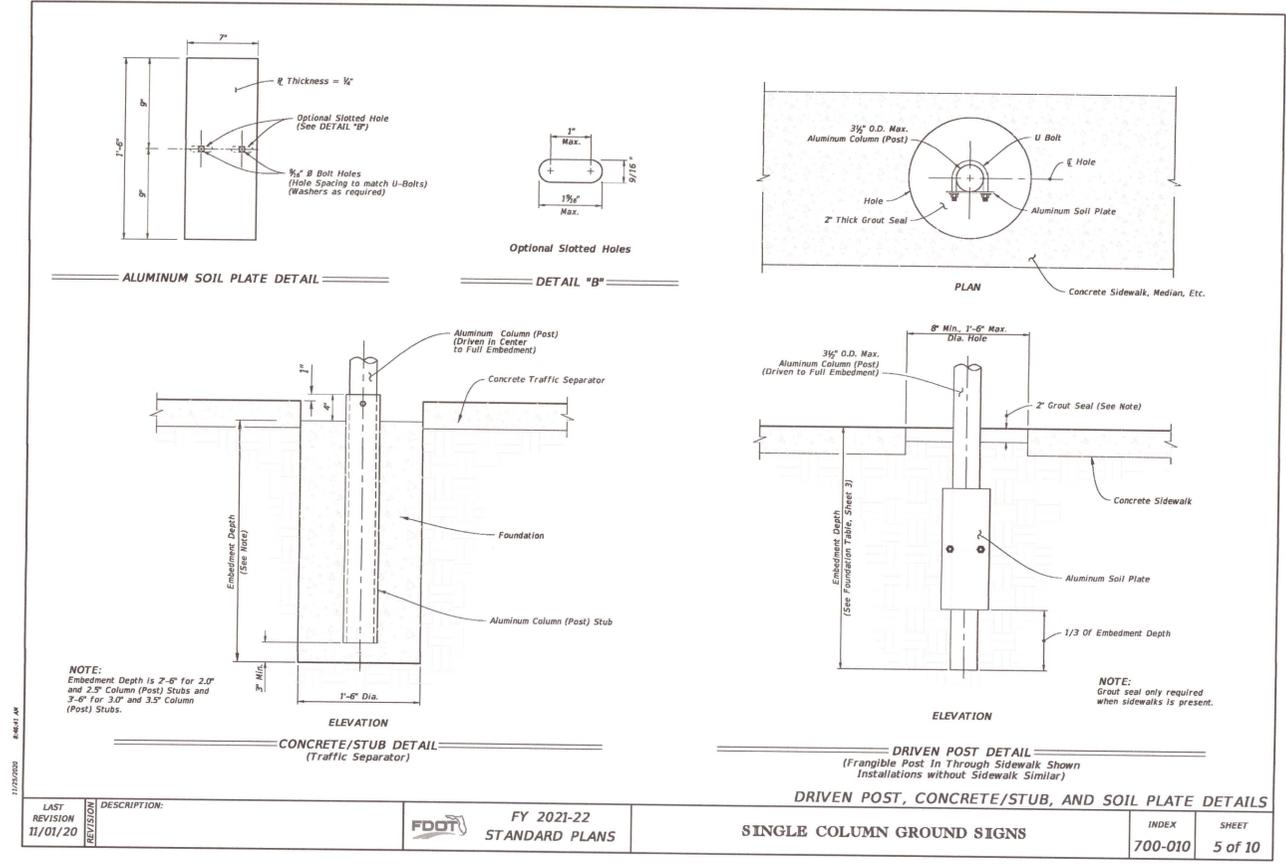
**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 91377  
 ALABAMA AUTHORIZATION NO. 3200  
 3802 NORTH "S" STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDDESIGN.COM

**ESCAMBIA COUNTY FLORIDA**

**SITE DEVELOPMENT PLANS FOR GENE'S FLOOR COVERING WAREHOUSE FOOT DETAILS**

DESIGNED BY: RLS  
 CHECKED BY: TGH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 DATE:

PROJECT NO: 21-031  
 SHEET: C14



Size	Area	Total Area	Centroid
36x12	3.00 SF	6.31 SF	1.75 Ft.
24x24	3.31 SF	6.31 SF	1.75 Ft.
36x12	3.00 SF	8.18 SF	1.92 Ft.
30x30	5.18 SF	8.18 SF	1.92 Ft.
36x12	3.00 SF	10.46 SF	2.10 Ft.
36x36	7.46 SF	10.46 SF	2.10 Ft.
36x12	3.00 SF	16.25 SF	2.48 Ft.
48x48	13.25 SF	16.25 SF	2.48 Ft.
24x24	3.31 SF	6.31 SF	1.71 Ft.
24x18	3.00 SF	6.31 SF	1.71 Ft.
30x30	5.18 SF	10.18 SF	2.19 Ft.
30x24	5.00 SF	10.18 SF	2.19 Ft.
36x36	7.46 SF	12.46 SF	2.55 Ft.
30x24	5.00 SF	12.46 SF	2.55 Ft.
24x12	2.00 SF	6.00 SF	1.53 Ft.
24x24	4.00 SF	6.00 SF	1.53 Ft.
24x12	2.00 SF	7.00 SF	1.45 Ft.
30x24	5.00 SF	7.00 SF	1.45 Ft.
30x15	3.13 SF	8.13 SF	1.66 Ft.
30x24	5.00 SF	8.13 SF	1.66 Ft.
24x12	2.00 SF	10.19 SF	2.80 Ft.
24x12	2.00 SF	10.19 SF	2.80 Ft.
24x24	4.00 SF	10.19 SF	2.80 Ft.
21x15	2.19 SF	10.19 SF	2.80 Ft.
24x12	2.00 SF	6.19 SF	1.73 Ft.
21x15	2.19 SF	6.19 SF	1.73 Ft.
30x24	5.00 SF	7.19 SF	1.81 Ft.
21x15	2.19 SF	7.19 SF	1.81 Ft.
24x12	2.00 SF	6.19 SF	2.26 Ft.
21x15	2.19 SF	6.19 SF	2.26 Ft.
24x12	2.00 SF	9.19 SF	2.27 Ft.
30x24	5.00 SF	9.19 SF	2.27 Ft.
21x15	2.19 SF	10.32 SF	2.49 Ft.
30x24	5.00 SF	10.32 SF	2.49 Ft.
24x12	2.00 SF	10.19 SF	2.80 Ft.
24x12	2.00 SF	10.19 SF	2.80 Ft.
24x24	4.00 SF	10.19 SF	2.80 Ft.
21x15	2.19 SF	10.19 SF	2.80 Ft.

INDEX: 700-010 SHEET: 8 of 10

**HAMMOND ENGINEERING, INC.**  
 FLORIDA AUTHORIZATION NO. 9130  
 ALABAMA AUTHORIZATION NO. 3277  
 3802 NORTH 15<sup>TH</sup> STREET  
 PENSACOLA, FLORIDA 32505  
 850 434-2603  
 FAX 850-434-2650  
 TOM@SELANDESIGN.COM

**STATE OF FLORIDA**  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 54514  
 M. J. SELAND

**SITE DEVELOPMENT PLANS FOR**  
**GENE'S FLOOR COVERING WAREHOUSE**  
**FDOT DETAILS**  
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: CUB  
 DESIGNED BY: RLB  
 CHECKED BY: TGH  
 DATE: 08/19/21  
 SCALE: AS SHOWN  
 NOT RELEASED FOR CONSTRUCTION  
 BY: DATE:

PROJECT NO: 21-031  
 SHEET: C15