ESCAMBIA COUNTY DRC PLAN REVIEW

permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior

to approval of a final plat or the issuance of a building permit

# SITE CONSTRUCTION PLANS

**FOR** 

# BELLVIEW LIBRARY CONVERSION

# 6425 MOBILE HIGHWAY PENSACOLA, FL 32526

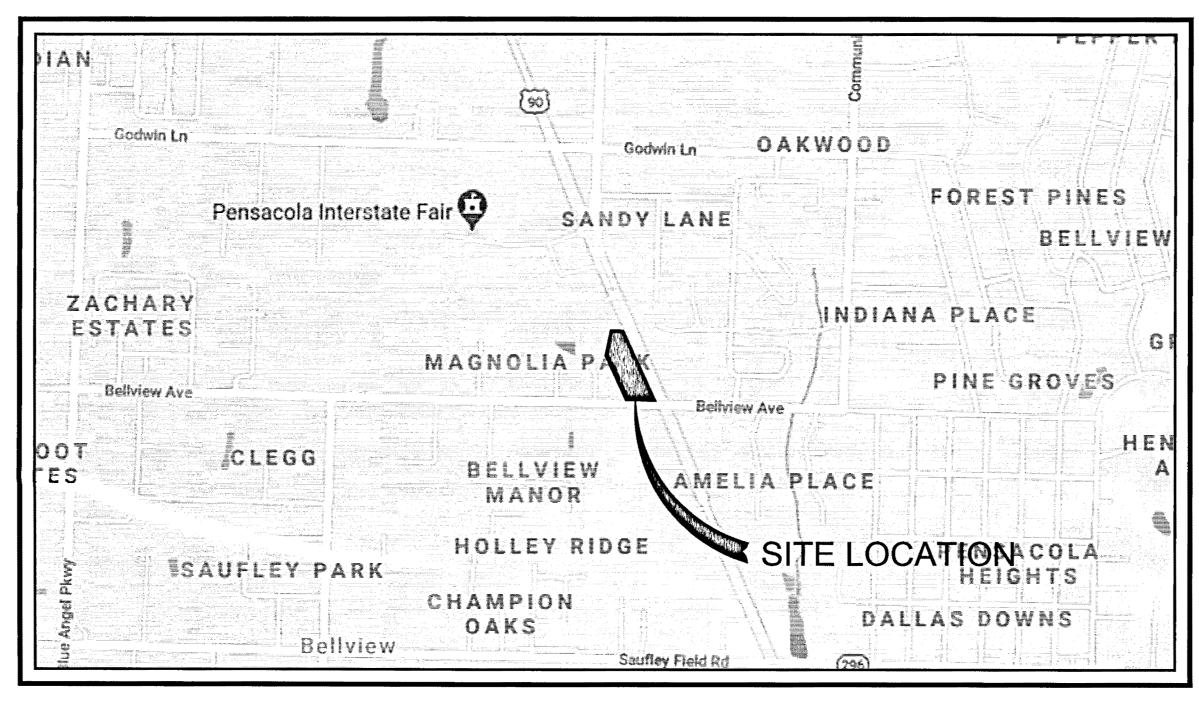
RBA PROJECT NO.: 2019.069

	SITE INFORMATION		
OWNER:	ESCAMBIA BOARD OF COMMISSIONERS 100 E BLOUNT ST PENSACOLA, FLORIDA 32501 850.595.3190		
DEVELOPER:	ESCAMBIA BOARD OF COMMISSIONERS 100 E BLOUNT ST PENSACOLA, FLORIDA 32501 850.595.3190		
PROPERTY REFERENCE NO:	39-1S-31-2440-000-000		
PROPERTY ADDRESS:	6425 MOBILE HIGHWAY		
PROPERTY AREA:	3.98 ACRES		
PROJECT AREA:	3.98 ACRES		
PROPERTY ZONING:	СОМ		
FUTURE LAND USE:	MU-U		
PROPOSED ACTIVITY:	LIBRARY		
REQUIRED BUILDING SETBACKS COM:	FRONT YARD — 15 FT. SIDE YARD — 10 FT. REAR YARD — 15 FT.		

FEMA FLOOD INSURANCE RATE MAP INFORMATION							
THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:							
FLOOD ZONE(S) COMMUNITY No. MAP No. PANEL No. SUFFIX MAP REVISION DATE							
X	120080	12033C	0360	G	SEPT 29, 2006		

CONTACTS			
GULF POWER 5120 DOGWOOD DRIVE MILTON, FLORIDA 32570	CONTACT: CHAD SWAILS PHONE: 850.429.2446 FAX: 850.429.2432		
COX CABLE 3405 McLEMORE DR. PENSACOLA, FLORIDA 32514	CONTACT: TROY YOUNG PHONE: 850.857.4510 FAX: 850.475.0621		
ECUA 9255 STURDEVANT ST. PENSACOLA, FLORIDA 32514	CONTACT: TOMMY TAYLOR PHONE: 850.969.6516		
ENERGY SERVICES GAS 1625 ATWOOD DRIVE PENSACOLA, FLORIDA 32504	CONTACT: DIANE MOORE PHONE: 850.474.5319 FAX: 850.474.5331		
AT&T, INC. 605 W. GARDEN STREET PENSACOLA, FLORIDA 32501	CONTACT: JONATHAN BLANKINCHIP PHONE: 850.436.1489		
ESCAMBIA COUNTY PUBLIC WORKS 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32501	CONTACT: MRS. JOHNNY PETTIGREW PHONE: 850.595.3404		
MCI	PHONE: 800.624.9675		
SUNSHINE UTILITIES	PHONE: 800.432.4770		

MARCH 1, 2021



VICINITY MAP
SCALE: 1"=1000'



# REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300 Pensacola, Florida 32503 Telephone 850.438.0400 Fax 850.438.0448 EB 00009657 LB 7916

#### ECUA ENGINEERING MANUAL REFERENCE NOTE

\*NOTES SHALL BE INSERTED IN THE UPPER RIGHT CORNER OF TITLE SHEET

\*APPLICABLE ONLY TO ECUA INFRASTRUCTURE TO BE CONSTRUCTED IN PUBLIC ROW OR IN UTILITY

ASEMENT: NOT TO BE APPLIED TO PRIVATE WATER/SEWER FACILITIES ON PRIVATE PROPERTY (SEE BUILDING CODE)

#### A. ECUA ENGINEERING MANUAL INCORPORATED BY REFEREN

1, 2016 (HEREINAFTER "MANUAL"), LOCATED AT WWW.ECUA.FL.GOV, IS HEREBY INCORPORATED BY REFERENCE INTO THIS PROJECT'S OFFICIAL CONTRACT DOCUMENTS AS IF FULLY SET FORTH THEREIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE KNOWLEDGEABLE OF THE MANUAL'S CONTENTS AND TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE MANUAL. THE CONTRACTOR SHALL PROVIDE ITS EMPLOYEES ACCES TO THE MANUAL AT ALL TIMES, VIA PROJECT SITE OR OFFICE, VIA DIGITAL OR PAPER FORMAT. IN THE EVENT A CONFLICT BETWEEN THE MANUAL AND PLANS, CONTRACTOR SHALL CONSULT ENGINEER OF RECORD FOR PROPER RESOLUTION.

#### B. ADDITIONAL DOCUMENTS (TO BE COMPLETED BY THE ENGINEER OF RECORD

DOES THIS PROJECT HAVE ADDITIONAL TECHNICAL SPECIFICATIONS OR CONSTRUCTION DETAILS THAT SUPER THE MANUAL LISTED AROVE?

/FS ■NC

IF YES, CONTRACTOR SHALL CONSTRUCT PROJECT IN ACCORDANCE WITH SAID DOCUMENTS AS LISTED ANI LOCATED BELOW:

DOCUMENT NAME	DOCUMENT TYPE		LOCATION	
	SPECIFICATION	DETAIL	PLANS	PROJECT MANUAL*

\*PROJECT MANUALS USED ONLY WITH ECUA CIP PROJECTS

#### C. ENGINEER OF RECORD RESPONSIBILITY

THE ENGINEERS OF RECORD (EORS) THAT HAVE AFFIXED THEIR SEALS AND SIGNATURES ON THESE PLANS
WARRANT THEIR PORTIONS OF THE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE MANUAL (UNLES
OTHERWISE DIRECTED BY THE ECUA PROJECT ENGINEER). THE EORS SHALL BE KNOWLEDGEABLE OF THE
MANUAL'S CONTENTS AND SHALL ASSUME RESPONSIBILITY FOR ITS USE ON THIS PROJECT.

#### INDEX OF DRAWINGS

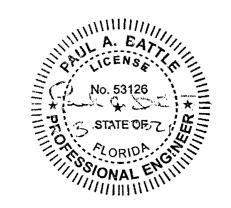
C-100	EXISTING SITE AND DEMOLITION PLAN
C-101	EROSION CONTROL DETAILS
C-102	TREE TABLE
C-200	SITE LAYOUT AND DIMENSION PLAN
C-201	SITE DETAILS
C-202	FDOT DETAILS
C-300	GRADING AND DRAINAGE PLAN
C-400	UTILITY PLAN
C-401	UTILITY DETAILS
C-500	LANDSCAPE PLAN

## LEGAL DESCRIPTION

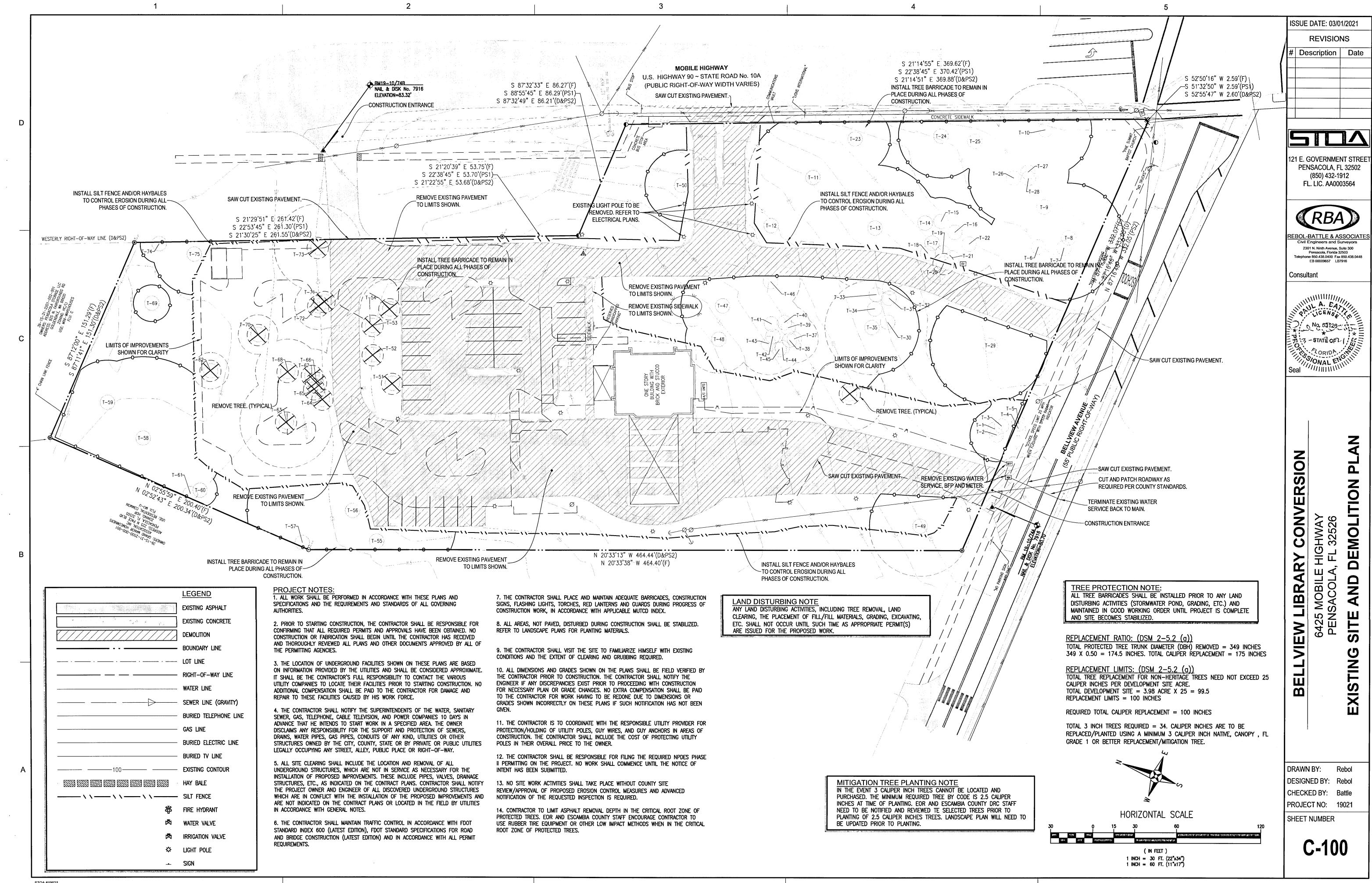
(OFFICIAL RECORDS BOOK 7987, PAGE 810)

COMMENCE AT THE NORTHWEST CORNER OF SECTION 39, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE PROCEED SOUTH 3 DEGREES 22 MINUTES 06 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 39 FOR A DISTANCE OF 2638.78 FEET; THENCE DEPARTING SAID WEST LINE PROCEED SOUTH 87 DEGREES 16 MINUTES 46 SECONDS EAST FOR A DISTANCE OF 3043.73 FEET; THENCE PROCEED NORTH 2 DEGREES 43 MINUTES 34 SECONDS EAST FOR A DISTANCE OF 30.00 FEET TO THE NORTH RIGHT OF WAY LINE OF BELLVIEW AVE (55' R/W) AND THE POINT OF BEGINNING; THENCE PROCEED NORTH 20 DEGREES 33 MINUTES 13 SECONDS WEST FOR A DISTANCE OF 464.44 FEET; THENCE PROCEED NORTH 2 DEGREES 52 MINUTES 43 SECONDS EAST FOR A DISTANCE OF 200.34 FEET TO THE NORTHEAST CORNER OF THAT PARCEL DESCRIBED IN OFFICIAL RECORDS BOOK 2300 PAGE 768; THENCE PROCEED SOUTH 87 DEGREES 11 MINUTES 41 SECONDS EAST FOR A DISTANCE OF 151.30 FEET TO THE WESTERLY RIGHT—OF—WAY LINE OF MOBILE HIGHWAY (STATE ROAD NUMBER 10A R/W VARIES); THENCE PROCEED ALONG SAID WESTERLY RIGHT—OF—WAY LINE SOUTH 21 DEGREES 30 MINUTES 25 SECONDS EAST FOR A DISTANCE OF 261.55 FEET; THENCE PROCEED SOUTH 21 DEGREES 22 MINUTES 55 SECONDS EAST FOR A DISTANCE OF 53.68 FEET; THENCE SOUTH 87 DEGREES 32 MINUTES 49 SECONDS EAST FOR A DISTANCE OF 86.21 FEET; THENCE SOUTH 21 DEGREES 14 MINUTES 51 SECONDS EAST ALONG SAID RIGHT—OF—WAY FOR A DISTANCE OF 369.88 FEET; THENCE DEPARTING SAID WEST LINE PROCEED SOUTH 52 DEGREES 55 MINUTES 47 SECONDS WEST FOR A DISTANCE OF 2.60 FEET TO THE NORTH RIGHT—OF—WAY LINE OF BELLVIEW AVE (55' R/W); THENCE PROCEED ALONG SAID NORTH RIGHT—OF—WAY LINE SOUTH 87 DEGREES 16 MINUTES 46 SECONDS WEST FOR A DISTANCE OF 332.05 FEET TO THE POINT OF BEGINNING.

ALL LYING IN AND BEING A PORTION OF SECTION 39, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA.



THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING
"RELEASED FOR CONSTRUCTION" DRAWINGS FROM
REBOL-BATTLE & ASSOCIATES BEFORE BEGINNING
CONSTRUCTION. REBOL-BATTLE & ASSOCIATES WILL NOT BE
RESPONSIBLE FOR ANY CONSTRUCTION BASED ON PLANS
THAT HAVE NOT BEEN RELEASED FOR CONSTRUCTION.



1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS

2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF 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, ACCORDING TO STATE STANDARDS.

3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.

4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 575 AND 980 TO 986.

5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.

\*6. 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, ACCORDING TO STATE STANDARDS.

\*7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).

\*8. A CRUSHED ROCK, VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS. BLANKET SHALL BE 15FT. X 50FT. X 6IN. (MINIMUM), CRUSHED ROCK 2 1/2 INCHES IN DIAMETER. SAID BLANKET SHALL BE UNDERLAIN WITH A FDOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.

9. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

\*10. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

11. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.

12. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.

13. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.

14. 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. 15. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND

SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).

16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

18. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AND/OR DOMED SILT FILTERS.

17. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.

19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.

20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. 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

WHERE APPLICABLE

#### **TEMPORARY SEEDING NOTES:**

SEED BED PREPARATION:

SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS/ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

SEED MIXTURE

CONSISTING OF ANNUAL RYE OR ARGENTINE BAHIA AT A RATE OF 174 LBS/ACRE.

#### TRAFFIC CONTROL STANDARDS:

I. CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE CITY ENGINEER, CITY OF PENSACOLA, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION. 2. TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN—UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

#### TREE PROTECTION:

. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".

. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

#### **EROSION CONTROL NOTES:**

THE CONTRACTOR SHALL ESTABLISH EROSION CONTROL PRIOR TO COMMENCING ANY CONSTRUCTION OR DEMOLITION ON THE PROJECT. THE EROSION CONTROL BARRIER PLACEMENT AS INDICATED IS A SUGGESTION ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM CONTROLLING EROSION AND SEDIMENT WITHIN THE PROJECT SITE. EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MAINTAINED DURING THE ENTIRE TIME OF CONSTRUCTION AND DEMOLITION ON THE PROJECT.

2. AN EROSION CONTROL BARRIER IS TO BE PLACED ALONG THE BOUNDARIES OF THE PROJECT AREA AS SHOWN BEFORE CONSTRUCTION BEGINS AND IS TO REMAIN IN PLACE UNTIL CONSTRUCTION IS FINISHED AND ACCEPTED AND FINAL STABILIZATION IS COMPLETE.

3. THE CONTRACTOR SHALL INSPECT AND REESTABLISH EROSION CONTROL BARRIERS WEEKLY AND AFTER EVERY SIGNIFICANT STORM EVENT.

#### DEMOLITION NOTES

. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH

2. THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION OF EXISTING UTILITIES AND COORDINATE RELOCATION WITH THE APPROPRIATE UTILITY OWNER AS NECESSARY, ANY AND ALL UTILITIES ENCOUNTERED DURING DEMOLITION WILL BE PROTECTED AND/OR RELOCATED AT THE DISCRETION OF THEIR PROSPECTIVE OWNERS.

3. NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE OR ADJACENT PROPERTIES, WITHOUT PRIOR AUTHORIZATION OF THE OWNER.

#### DUST CONTROL

1. ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.

2. DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.

3. IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.

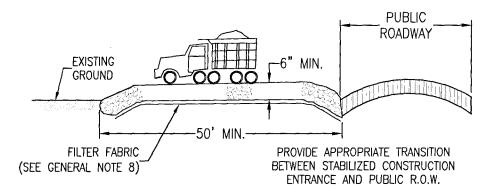
4. CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 102-5, LATEST EDITION.

#### PROPOSED SEQUENCE OF CONSTRUCTION:

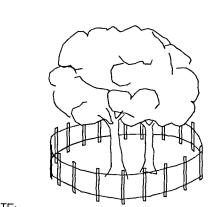
1. THE INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES & TREE BARRICADES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.

2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION IS TO BE PROPERLY PROTECTED AND IS TO REMAIN IN ITS NATURAL STATE. TOPSOIL IN AREAS TO BE DISTURBED IS TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM FROM OTHER EXCAVATED SOIL(S).

- 3. THE IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
- 4. PERFORM ALL DEMOLITION WORK.
- 5. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.
- 6. CONSTRUCT SITE IMPROVEMENTS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).
- 7. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESPREAD STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
- 8. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.



STABILIZED CONSTRUCTION **ENTRANCE DETAIL** N.T.S.



ALL PROTECTED TREES AS SHOWN ON THE PLANS TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING AT THE CRITICAL ROOT ZONE OF EACH PROTECTED TREE BEFORE ANY LAND DISTRBANCES.

TREE BARRICADE DETAIL

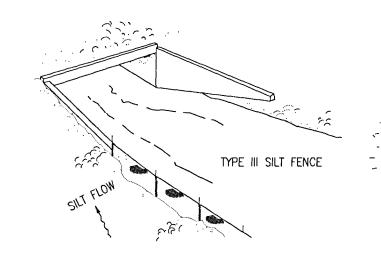
N.T.S.

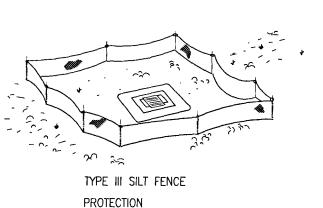
FILTER BAGS WILL BE USED AS AN EFFECTIVE FILTER MEDIUM TO CONTAIN SAND, SILT AND FINES WHEN TRENCH DEWATERING. THE WETLAND FILTER BAG CONTAINS THESE MATERIALS WHILE ALLOWING THE WATER TO FLOW THROUGH THE FABRIC.

WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION. FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A SMALL HOLE IN THE CORNER OF THE BAG, INSERTING THE PUMP DISCHARGE HOSE, AND THEN SECURING THE DISCHARGE HOSE TO THE BAG WITH A HOSE CLAMP. FILTER BAGS WILL BE PLACED AS FAR AWAY FROM FLOWING STREAMS AND WETLANDS AS POSSIBLE.

PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL STOP TO AVOID RUPTURE. FILTER BAGS USED DURING CONSTRUCTION WILL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

FILTER BAGS ARE CONSTRUCTED OF NON-WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG, BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENCIRCLED WITH A HAY BALE OR SILT FENCE CORRAL, HOSE CLAMPS WILL BE USED TO SECURE THE DISCHARGE HOSE, WIRE OR STRING WILL NOT





AROUND DITCH BOTTOM INLETS.

BALES TO BE STAKED AT THE DIRECTION OF THE ENGINEER.

LOOSE SOIL PLACED BY SHOVEL -AND LIGHTLY COMPACTED ALONG

UPSTREAM FACE OF BALES.

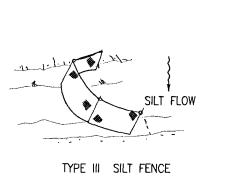
STRAW BALES BACKED BY FENCE

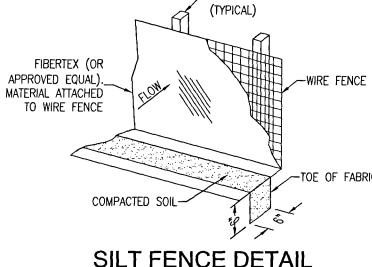
SILT FENCE APPLICATIONS

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS

LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND

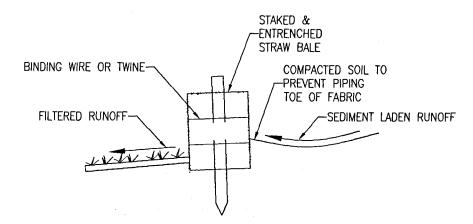




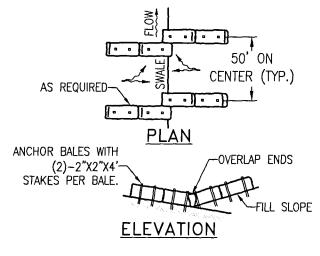
2"x4" OR 3"Ø TREATED

-TIMBER POST @ 6' O.C.

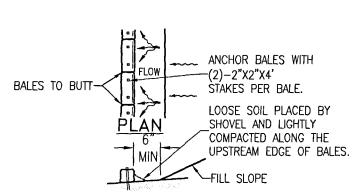
SILT FENCE DETAIL



STRAW BALE DETAIL

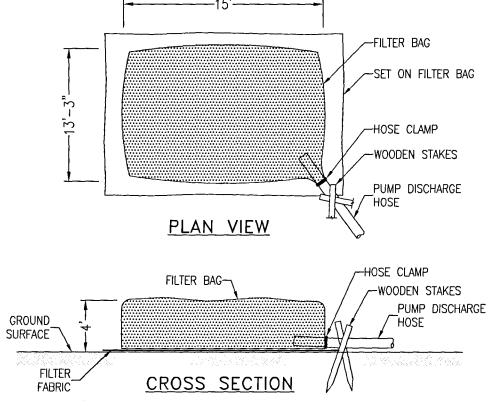


TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

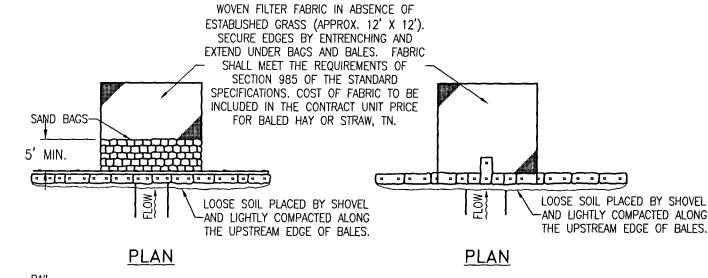


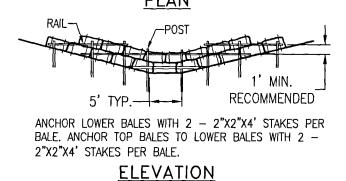
**ELEVATION** TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

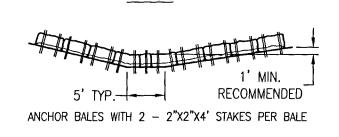
# BARRIERS FOR FILL SLOPES



FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS N.T.S.



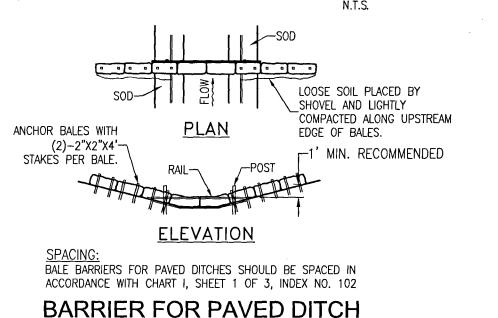


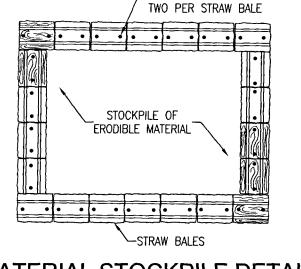


**ELEVATION** 

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART I, SHEET 1 OF 3, INDEX NO. 102

TYPE II TYPE I BARRIER FOR UNPAVED DITCH

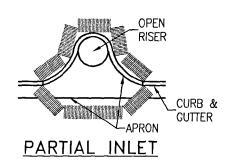




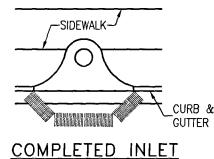
ANCHOR PINS

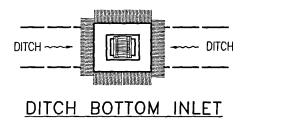
-No. 5 STEEL BARS

MATERIAL STOCKPILE DETAIL



N.T.S.





ANCHOR BALES WITH (2)-2"x2"x4' STAKES PER BALE.

PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

ISSUE DATE: 03/01/2021 REVISIONS | Description | Date

21 E. GOVERNMENT STREE PENSACOLA, FL 32502 (850) 432-1912 FL. LIC. AA0003564



CENSE No.53126 - 1 STATE OF . CORIDA 11, SIGNAL F  $m_{\rm HIM}$ 

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HIGHWAY , FL 32526 0 RY IBR. Z 0 C #25 EN 0 0

DRAWN BY: DESIGNED BY: Rebol CHECKED BY: Battle PROJECT NO: 19021

C-101

SHEET NUMBER

TREE CHART TREE # | SIZE & TYPE | PROTECT/REMOVE 13" DIA LIVE OAK PROTECT 19" DIA LIVE OAK T-2 PROTECT 16" DIA LIVE OAK T-3 PROTECT 18" DIA LIVE OAK PROTECT 24" DIA LIVE OAK T-5 PROTECT 37" DIA LIVE OAK T-6 PROTECT 37" DIA LIVE OAK T-7 PROTECT 39" DIA LIVE OAK T-8 PROTECT 21" DIA LIVE OAK PROTECT T-9 33" DIA LIVE OAK T-10 PROTECT 46" DIA LIVE OAK T-11 PROTECT 24" DIA LIVE OAK T-12 PROTECT 45" DIA LIVE OAK T-13 PROTECT 19" DIA LIVE OAK PROTECT 14-17" DIA LIVE OAK PROTECT T-15 21" DIA LIVE OAK T-16 PROTECT 16" DIA LIVE OAK T-17 PROTECT 13" DIA LIVE OAK T-18 PROTECT 13" DIA LIVE OAK T-19 PROTECT 15" DIA LIVE OAK PROTECT T-20

TREE CHART				
TREE #	SIZE & TYPE	PROTECT/REMOVE		
T-21	12" DIA LIVE OAK	PROTECT		
T-22	21" DIA LIVE OAK	PROTECT		
T-23	25" DIA LIVE OAK	PROTECT		
T-24	30" DIA LIVE OAK	PROTECT		
T-25	20" DIA LIVE OAK	PROTECT		
T-26	32" DIA LIVE OAK	PROTECT		
T-27	29" DIA LIVE OAK	PROTECT		
T-28	27" DIA LIVE OAK	PROTECT		
T-29		PROTECT		
		PROTECT		
		PROTECT		
T-32	23" DIA LIVE OAK	PROTECT		
T-33	21" DIA LIVE OAK	PROTECT		
T-34	35" DIA LIVE OAK	PROTECT		
T-35	33" DIA LIVE OAK	PROTECT		
T-36		REMOVE		
		PROTECT		
		PROTECT		
		PROTECT		
T-40	13" DIA LIVE OAK	PROTECT		

TREE CHART			
TREE #	SIZE & TYPE	PROTECT/REMOVE	
T-41	22" DIA LIVE OAK	PROTECT	
T-42	15" DIA LIVE OAK	PROTECT	
T-43	22" DIA LIVE OAK	PROTECT	
T-44	13" DIA LIVE OAK	PROTECT	
T-45	15" DIA LIVE OAK	PROTECT	
T-46	21" DIA LIVE OAK	PROTECT	
T-47	30" DIA LIVE OAK	PROTECT	
T-48	24" DIA LIVE OAK	PROTECT	
T-49	36" DIA LIVE OAK	PROTECT	
T-50	26" DIA LIVE OAK	PROTECT	
T-51	27" DIA LIVE OAK	REMOVE	
T-52	33" DIA LIVE OAK	REMOVE	
T-53	15" DIA LIVE OAK	REMOVE	
T-54	21" DIA LIVE OAK	REMOVE	
T-55	40" DIA LIVE OAK	PROTECT	
T-56	75" DIA LIVE OAK	PROTECT	
T-57	41" DIA LIVE OAK	PROTECT	
T-58	58" DIA LIVE OAK	PROTECT	
T-59	30" DIA LAURAL OAK	PROTECT	
T-60	12" DIA LAURAL OAK	PROTECT	

	TREE CHART			
	TREE #	SIZE & TYPE	PROTECT/REMOVE	
	T-61	13" DIA LAURAL OAK	PROTECT	
	T-62	13" DIA LIVE OAK	REMOVE	
	T-63	33" DIA LIVE OAK	REMOVE	
	T-64	21" DIA LIVE OAK	REMOVE	
	T-65	18" DIA LIVE OAK	REMOVE	
	T-66	19" DIA LIVE OAK	REMOVE	
	T-67	19" DIA LIVE OAK	REMOVE	
	T-68	23" DIA LIVE OAK	REMOVE	
	T-69	10"-13" DIA LIVE OAK	PROTECT	
	T-70	14" DIA LIVE OAK	REMOVE	
	T-71	19" DIA LIVE OAK	REMOVE	
	T-72	17" DIA LIVE OAK	REMOVE	
	T-73	31" DIA LIVE OAK	REMOVE	
,	T-74	14" DIA LAURAL OAK	PROTECT	
	T-75	29" DIA LIVE OAK	PROTECT	
	T-75		PROTECT	

TREE CHART				
TREE #	SIZE & TYPE	PROTECT/REMOVE		
T-61	13" DIA LAURAL OAK	PROTECT		
T-62	13" DIA LIVE OAK	REMOVE		
T-63	33" DIA LIVE OAK	REMOVE		
T-64	21" DIA LIVE OAK	REMOVE		
T-65	18" DIA LIVE OAK	REMOVE		
T-66	19" DIA LIVE OAK	REMOVE		
T-67	19" DIA LIVE OAK	REMOVE		
T-68	23" DIA LIVE OAK	REMOVE		
T-69	10"-13" DIA LIVE OAK	PROTECT		
T-70	14" DIA LIVE OAK	REMOVE		
T-71	19" DIA LIVE OAK	REMOVE		
T-72	17" DIA LIVE OAK	REMOVE		
T-73	31" DIA LIVE OAK	REMOVE		
T-74	14" DIA	PROTECT		

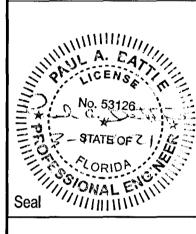
ISSUE DATE: 03/01/2021

REVISIONS # Description Date

121 E. GOVERNMENT STREET PENSACOLA, FL 32502 (850) 432-1912 FL. LIC. AA0003564

REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors 2301 N. Ninth Avenue, Suite 300 Pensacola, Florida 32503 Telephone 850.438.0400 Fax 850.438.0448 EB 00009657 LB7916

Consultant

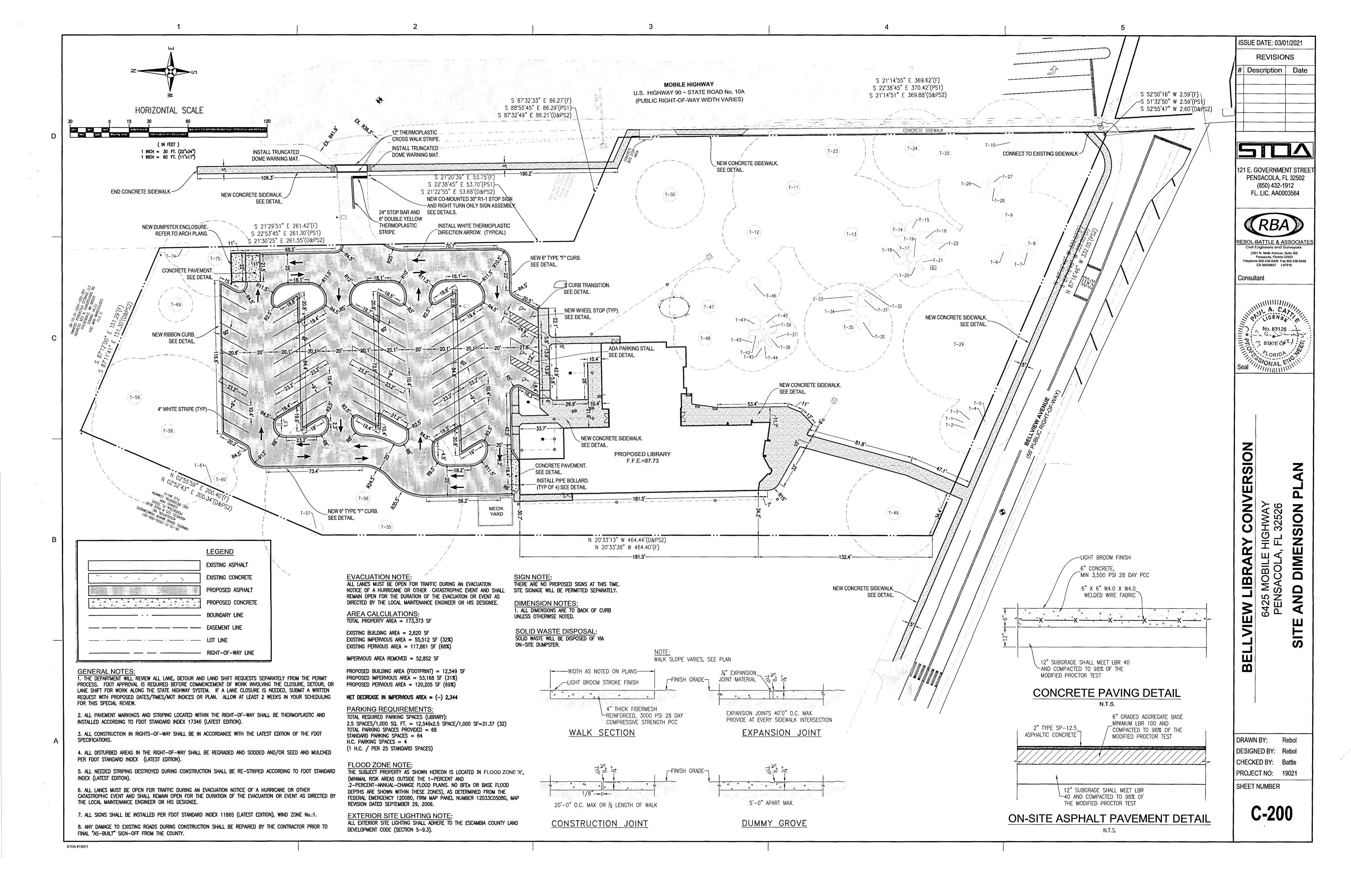


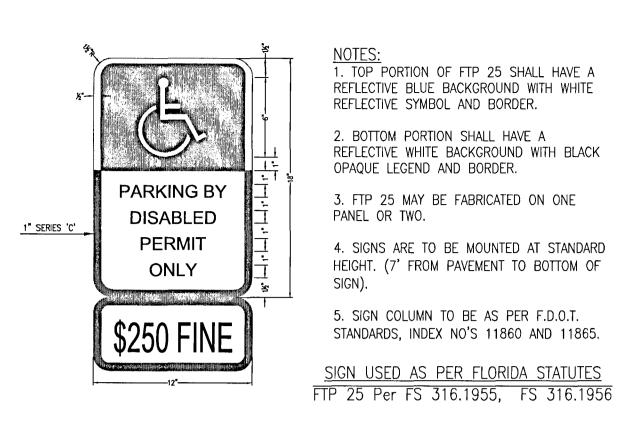
BELLVIEW LIBRARY CONVERSION
6425 MOBILE HIGHWAY
PENSACOLA, FL 32526
TREE TABLE

DRAWN BY: Rebol
DESIGNED BY: Rebol
CHECKED BY: Battle
PROJECT NO: 19021

SHEET NUMBER

C-102





NOTES:

1. TOP PORTION OF FTP 25 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.

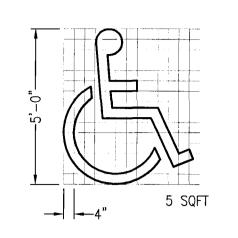
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.

3. FTP 25 MAY BE FABRICATED ON ONE PANEL OR TWO.

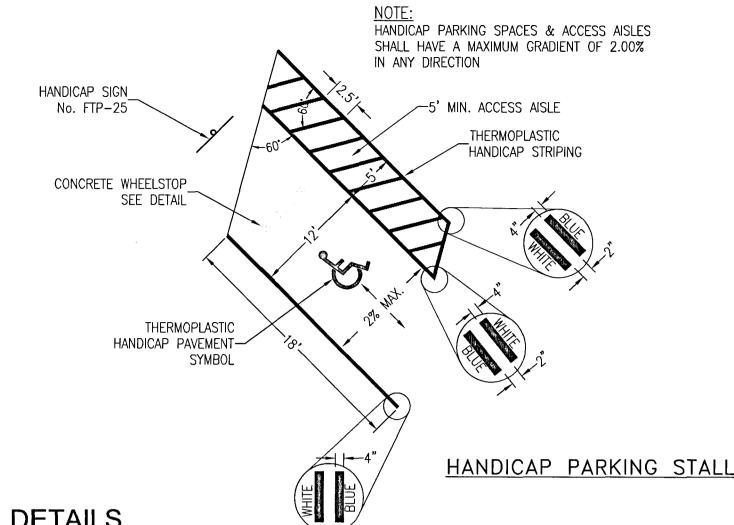
4. SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT TO BOTTOM OF

STANDARDS, INDEX NO'S 11860 AND 11865. SIGN USED AS PER FLORIDA STATUTES

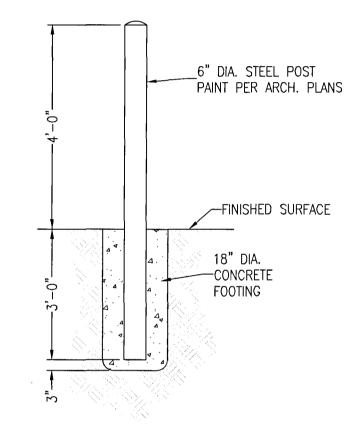
5. SIGN COLUMN TO BE AS PER F.D.O.T.



HANDICAP PAVEMENT SYMBOL

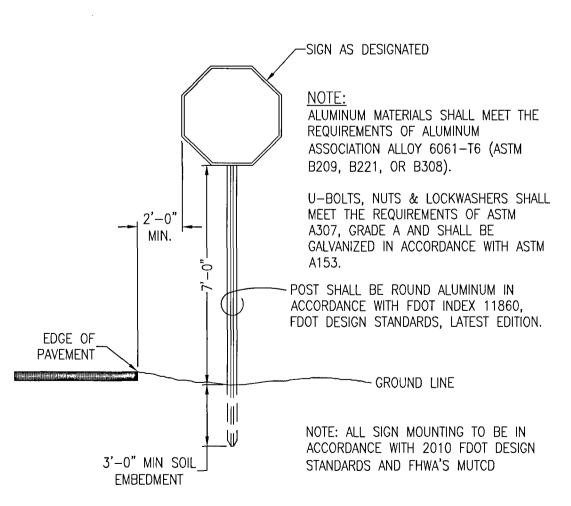


HANDICAP PARKING STALL DETAILS

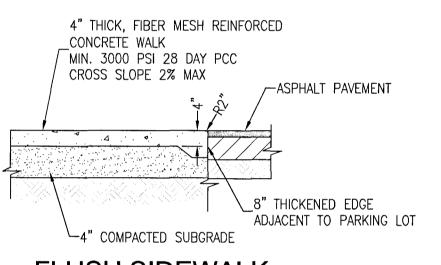


NOTE: SPACING BETWEEN BOLLARDS IS 6' MAX.

**BOLLARD DETAIL** 



SIGN MOUNTING DETAIL N.T.S.

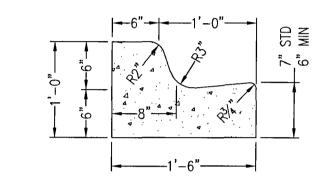


**FLUSH SIDEWALK** ADJACENT TO PARKING LOT

N.T.S.

4" THICK, FIBER MESH REINFORCED CONCRETE WALK
MIN. 3000 PSI 28 DAY PCC
CROSS SLOPE 2% MAX 8" THICKENED EDGE -ADJACENT TO PARKING LOT WITH RUBBED FINISH ASPHALT PAVEMENT SEE DETAIL ∽MIN 4" COMPACTED SUBGRADE

RAISED SIDEWALK ADJACENT TO ASPHALT N.T.S.



1. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

2. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".

3. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

#### MODIFIED TYPE 'F' CURB & GUTTER N.T.S.

6' LONG PRECAST CONCRETE ∕WHEELSTOP w/ 2−#4 BARS 2'-6" TO CONT. 5'-9" LONG ---- EDGE OF ---PAVEMENT EDGE OF PARKING SURFACE PAVEMENT AS SPECIFIED 2-#4 BARS THROUGH WHEELSTOP & PAVEMENT. -MIN. 18" LONG. ON CONCRETE USE EPOXY BONDING AGENT.

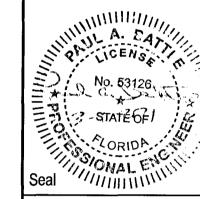
WHEEL STOP DETAIL N.T.S.

ISSUE DATE: 03/01/2021 REVISIONS # Description Date

121 E. GOVERNMENT STREET PENSACOLA, FL 32502 (850) 432-1912 FL. LIC. AA0003564



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6425 MOBILE HIGHWAY PENSACOLA, FL 32526

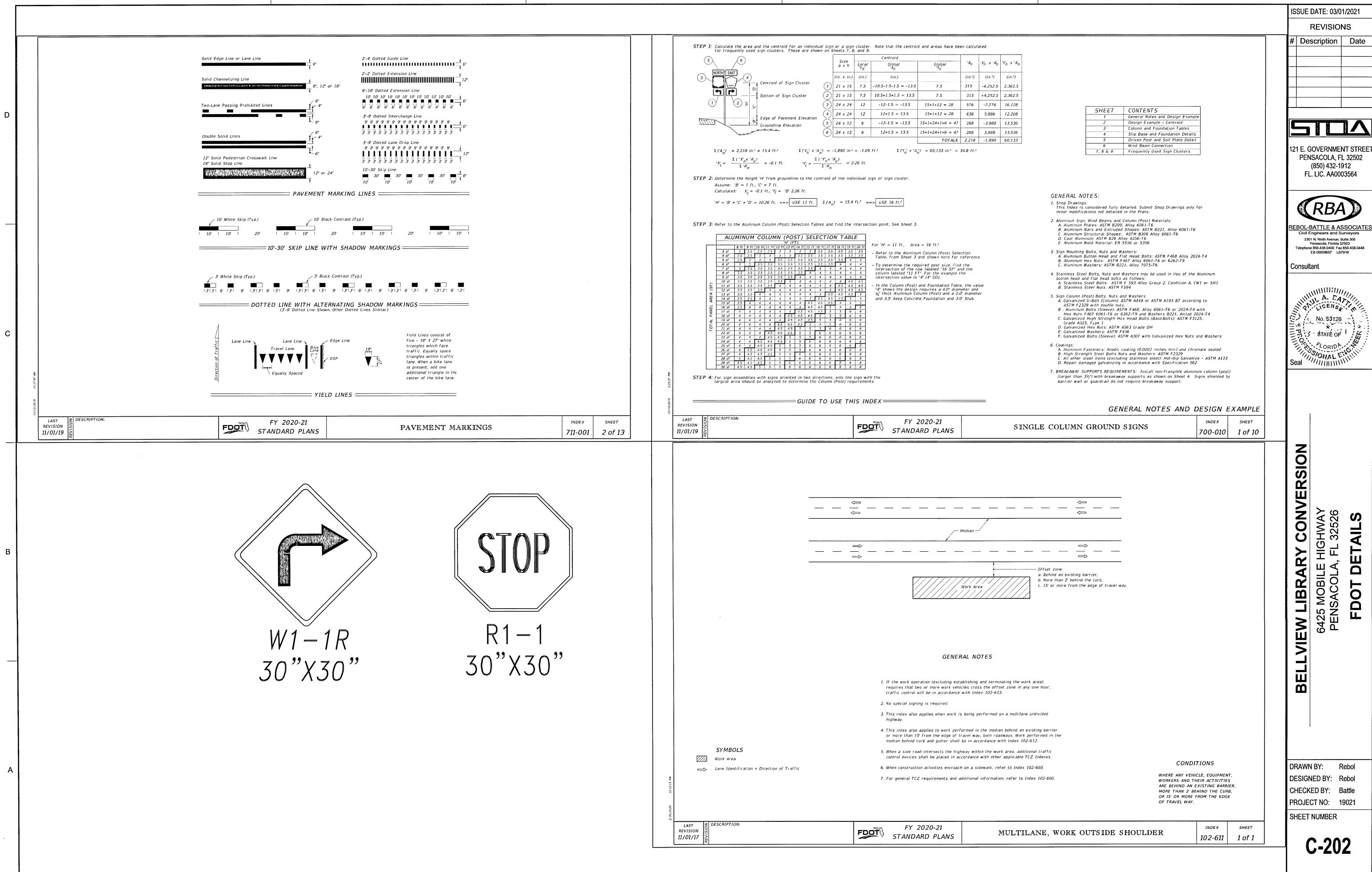
SITE

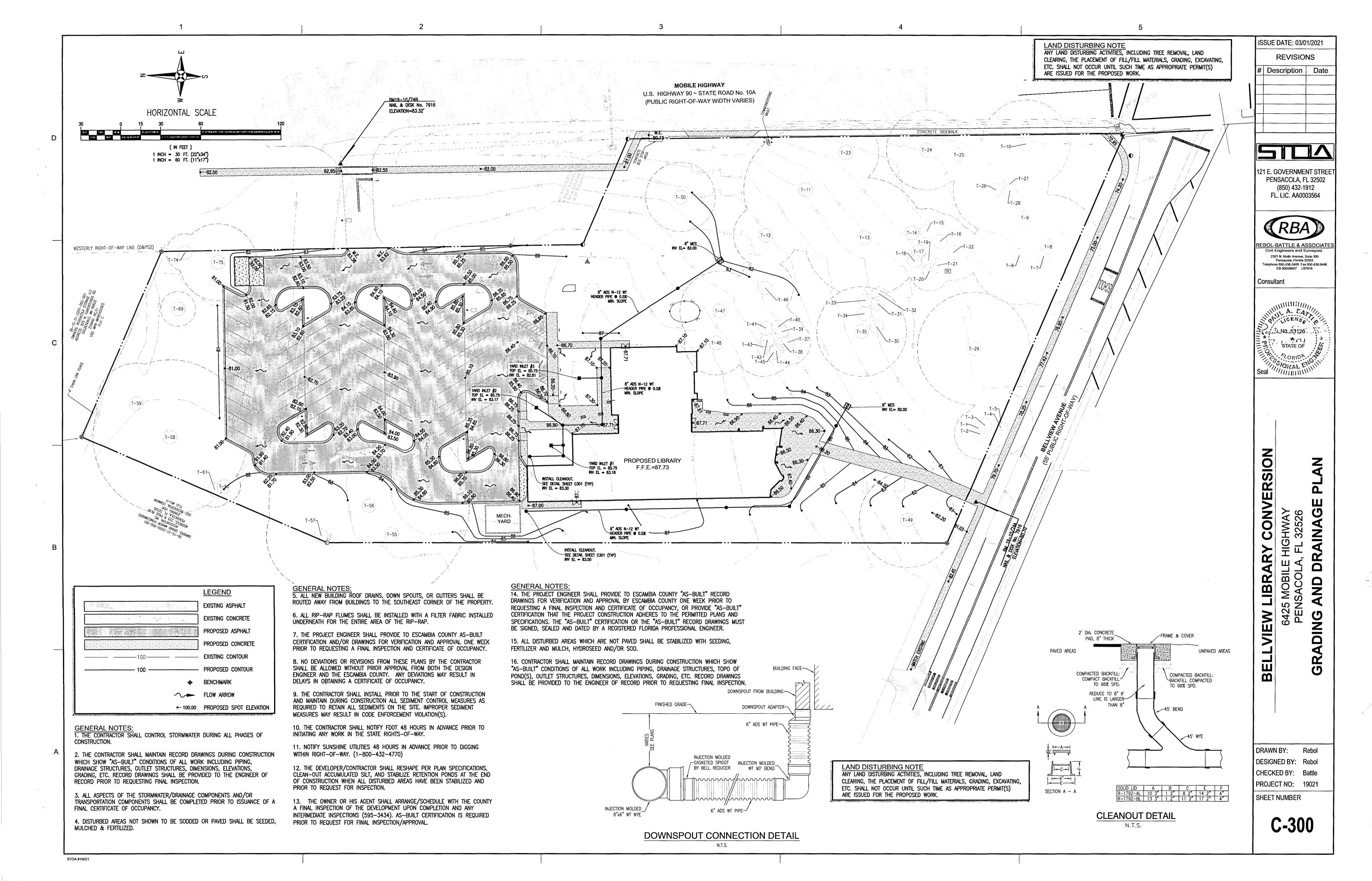
BASE AS SPECIFIED

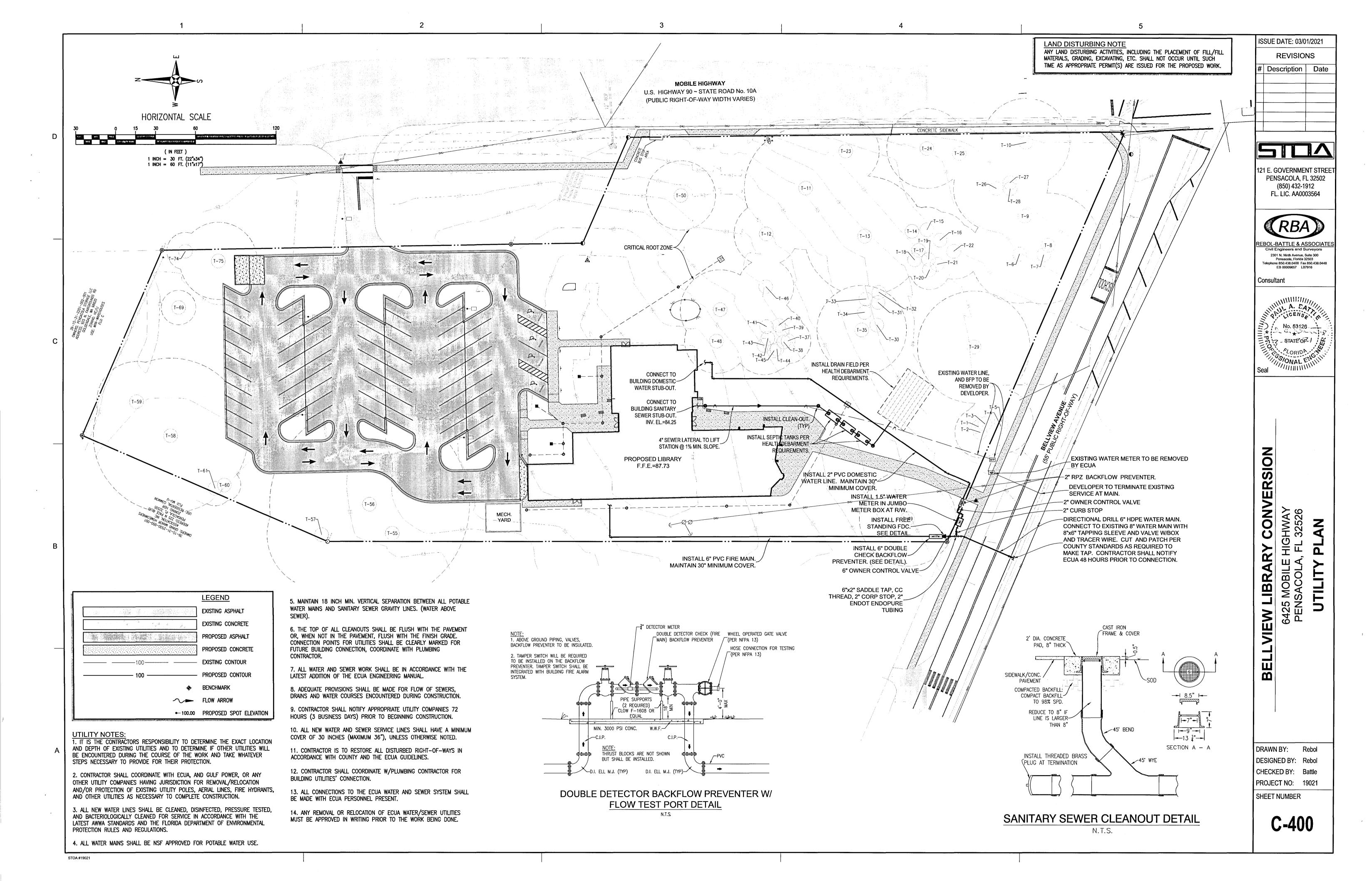
DRAWN BY: Rebol DESIGNED BY: Rebol CHECKED BY: Battle PROJECT NO: 19021

SHEET NUMBER

C-201

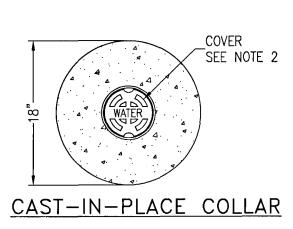


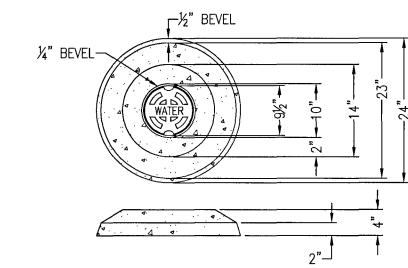




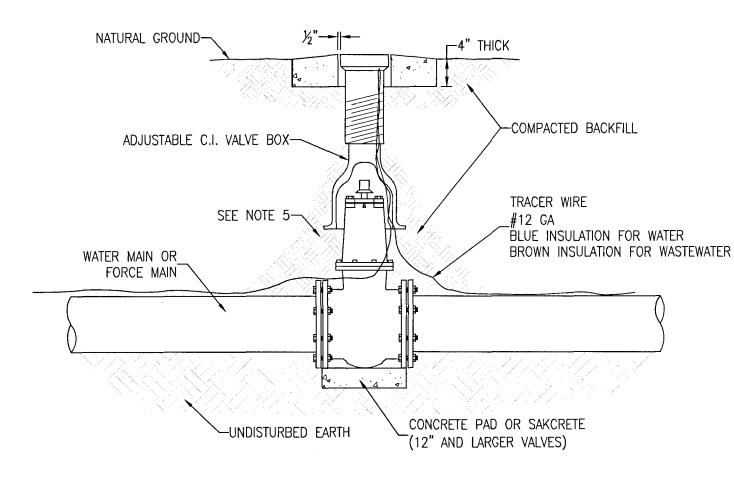
2. VALVE COVER SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE.

- 3. VALVE BOX TOP SHALL BE FLUSH WITH FINISHED GRADE OR ½" ABOVE NATURAL GROUND LEVEL.
- 4. GATE VALVE SHALL BE RESILIENT SEAT WITH MECHANICAL JOINT ENDS OR APPROVED EQUIVALENT.
- 5. EARTH UNDER FLANGE OF VALVE BOX & COLLAR TO BE FIRM AND WELL TAMPED TO ENSURE AGAINST VALVE BOX SETTLING.

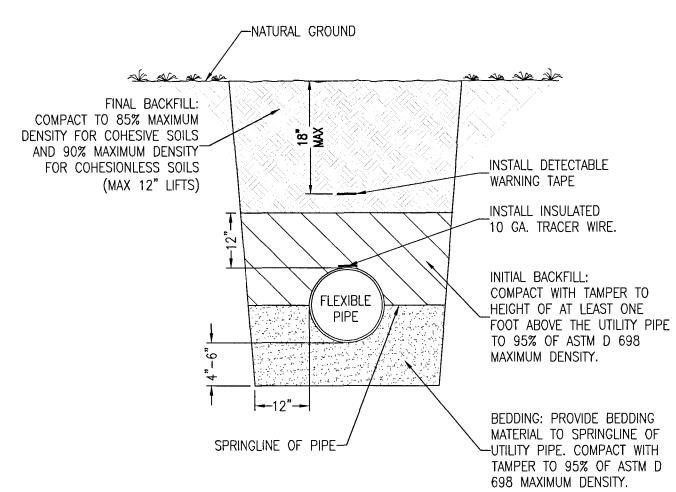




24" PRE-CAST VALVE PAD



#### TYPICAL VALVE & BOX INSTALLATION N.T.S.

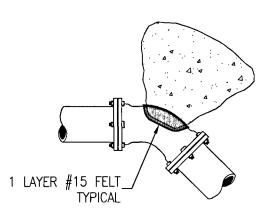


### FLEXIBLE PIPE BEDDING DETAIL

N.T.S.

1. EXCAVATE TRENCH TO A DEPTH THAT PROVIDES MINIMUM COVER OF 30" FROM EXISTING GROUND SURFACE, OR FROM THE INDICATED

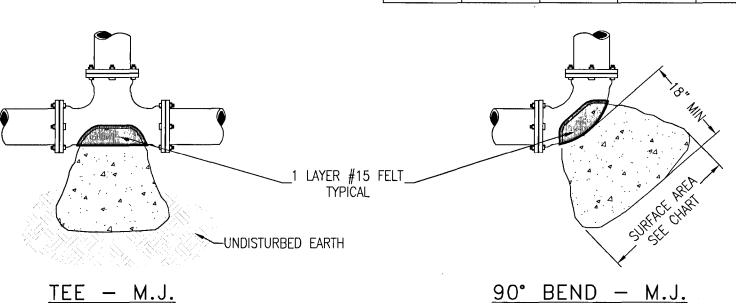
FINISHED GRADE, WHICHEVER IS LOWER, TO THE TOP OF PIPE. 2. FOR FIRE PROTECTION YARD MAINS OR PIPING, AN ADDITIONAL 6" OF COVER IS REQUIRED.



45° BEND - M.J.

MINIMUM THRUST BLOCK DIMENSIONS: SURFACE AREA AGAINST UNDISTURBED SOIL

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



- 1. ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION OF CONCRETE TO FITTING.
- 2. ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL.
- 3. THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION.
- 4. CONCRETE MIN. 2,500 PSI.

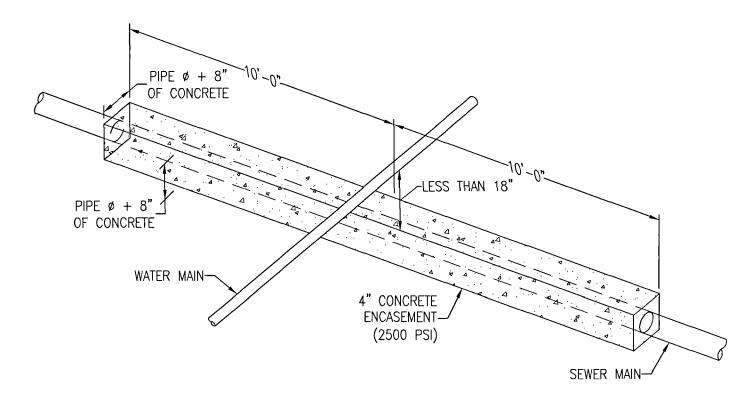
SLEEVES, AND DEAD ENDS.

5. JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. TRUST BLOCKS REQUIRED ON 90' BENDS, 45' BENDS, TEES, TAPPING

## TYPICAL THRUST BLOCK INSTALLATIONS

N.T.S.

SANITARY SEWER LINES (GRAVITY OR PRESSURE) SHALL HAVE 18" OR GREATER VERTICAL CLEARANCE BELOW ANY POTABLE WATER LINE WHEN CROSSING. A MINIMUM OF 6" VERTICAL CLEARANCE IS REQUIRED FOR OTHER UTILITIES. HORIZONTAL CLEARANCE BETWEEN SANITARY SEWER LINE THAT IS PARALLEL TO AND LESS THAN 18" BELOW A POTABLE WATER LINE SHALL BE 10' OR GREATER. A MINIMUM OF 30" IS REQUIRED FOR OTHER UTILITIES. IF THIS IS NOT POSSIBLE OR PRACTICAL, SEE NOTES BELOW:



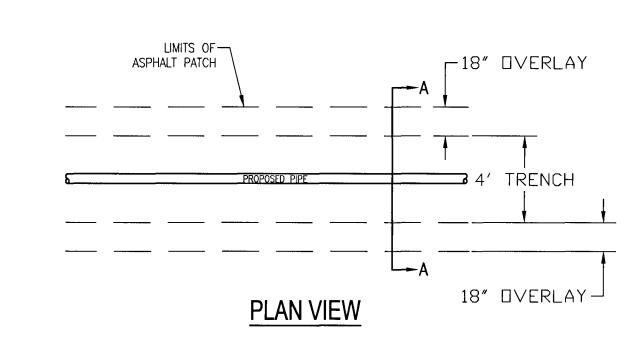
FOR CROSSING: ENCASE AS ABOVE SO THAT THE ENDS OF ENCASEMENT ARE AT LEAST 12' FROM ANY WATER LINE JOINT. WATER LINE JOINT MUST NOT BE CLOSER THAN 5' TO THE POINT OF CROSSING, OR IT MUST ALSO BE ENCASED.

ALTERNATE 1: USE EQUALLY (OR HIGHER) RATED PRESSURE PIPE FOR SEWER WITH NO JOINTS CLOSER THAN 12' APART AND 6" VERTICAL.

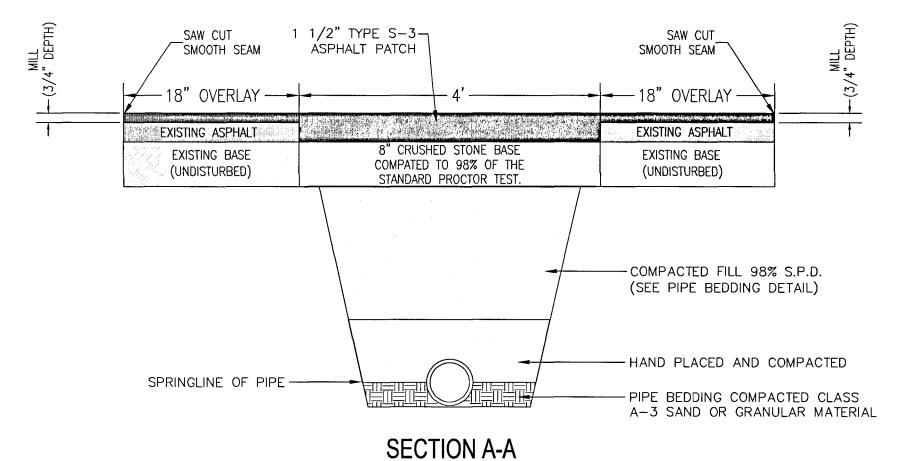
ALTERNATE 2: PLACE SEWER LINE INTO STEEL CASING AND CENTER 20' PIECE WITH 4' VERTICAL CLEARANCE AND SEAL ENDS.

FOR PARALLEL: AND 6' TO 10' APART USE ALTERNATE 2, BUT IF MORE THAN 40' IN LENGTH, ALTERNATE 1 MUST BE USED AND JOINTS ARE TO BE STAGGERED. IF LINES MUST BE 3' TO 6' APART, ALTERNATE 1 MUST BE USED WITH A HIGHER RATED PRESSURE PIPE FOR SEWER (i.e., WATER LINE IS DR25 THEN USE DR18 OR 21 FOR SEWER).

#### SEWER / WATER SEPARATION & CLEARANCES



5



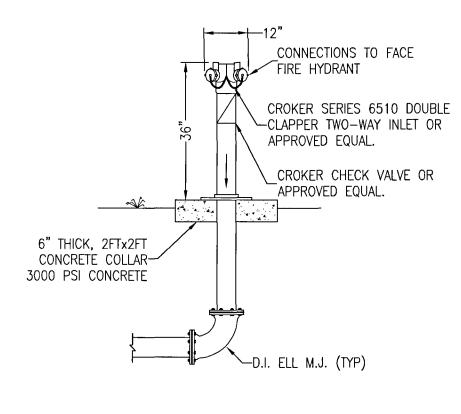
# **CUT & PATCH DETAIL**

SCALE: NTS

GENERAL NOTES:

ROAD OR 12' MINIMUM.

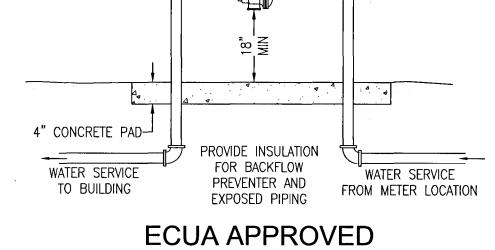
- 1. ASPHALTIC CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
- 2. SURFACE TREATMENT PAVED JOINTS SHALL BE
- 3. SURFACE REPLACEMENT COURSE TO BE 3" TYPE S-3 ASPHALTIC CONCRETE SUB BASE MATERIAL TO BE PLACED AND COMPACTED 9.
- IN 8" LIFTS TO A MINIMUM OF 98 % STANDARD 5. MINIMUM SURFACE REPLACEMENT COURSE OF LONGITUDINAL CUTS TO BE ONE HALF OF EXISTING
- LONGITUDINAL CUT REPLACEMENT BASE SHALL BE FULL DEPTH ASPHALTIC CONCRETE OR 8" CRUSHED STONE. ANY VARIANCE MUST BE APPROVED ON INDIVIDUAL BASIS
- BY THE CITY ENGINEER. PERMIT FROM ENGINEERING AND INSPECTION BY STREET DIVISION IS REQUIRED.
- CONTACT THE STREET DIVISION AND ALL EMERGENCY SERVICES (POLICE, FIRE & EMERGENCY MEDICAL SERVICES) BEFORE COMPLETELY CLOSING A ROAD. NOTIFY THE ABOVE AGAIN ONCE THE ROAD HAS BEEN RE-OPENED.



FREESTANDING FIRE DEPARTMENT

**CONNECTION DETAIL** 

N.T.S.



# REDUCED PRESSURE PRINCIPLE **BACKFLOW PREVENTION ASSEMBLY**

ISSUE DATE: 03/01/2021 REVISIONS Description Date

121 E. GOVERNMENT STREE PENSACOLA, FL 32502 (850) 432-1912 FL. LIC. AA0003564

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Telephone 850.438.0400 Fax 850.438.0448

Consultant

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6425 MOBILE HIGHWAY PENSACOLA, FL 32526 UTILITY DETAILS

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DRAWN BY: Rebol DESIGNED BY: Rebol CHECKED BY: Battle PROJECT NO: 19021

C-401

SHEET NUMBER

