SITE DEVELOPMENT PLANS FOR

BEST PRICE DIGITAL WAREHOUSE ADDITION

PROPERTY I.D. 17-2S-30-1500-070-014 & 17-2S-30-1500-071-014

2013 WEST YONGE STREET
PENSACOLA, FLORIDA 32501
SECTION 17, TOWNSHIP 2S, RANGE 30
ESCAMBIA COUNTY, PENSACOLA, FLORIDA
ZONED: HC/LI, FLU: MU-U
CRA DISTRICT: ENG-OL
JULY 2021

SHEET INDEX

NO.	SHEET TITLE
1	COVER SHEET
2	SURVEY
3	DEMOLITION PLAN
4	SITE LAYOUT PLAN
5	GRADING & DRAINAGE PLAN
6	LANDSCAPE PLAN

Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature: J. Hampton 2-9-22 Date

Printed Name: Jennifer Hampton
Development Services Director or Designee

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal 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.

DESCRIPTION AS FURNISHED: (OFFICIAL RECORDS BOOK: 7547, PAGE: 589)

PARCEL 1:

THE NORTH 1/2 OF LOTS 7, 8, 9, AND 10 IN BLOCK 14 OF BRITTON PLACE, THE PENSACOLA REALTY COMPANY'S SUBDIVISION OF LOTS 7 AND PARTS OF LOT 1, 2, 6 AND 8 IN SECTION 17, TOWNSHIP 2 SOUTH, RANGE 30 WEST, IN DEED BOOK 154, PAGE 521, ESCAMBIA COUNTY, FLORIDA.

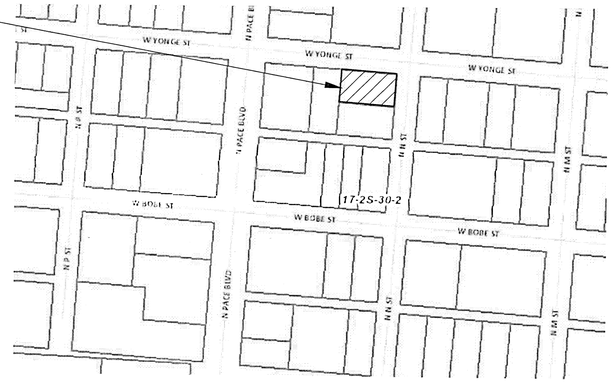
PARCEL 2:

THE SOUTH 1/2 OF LOTS 7, 8, 9, AND 10 IN BLOCK 14 OF BRITTON PLACE, THE PENSACOLA REALTY COMPANY'S SUBDIVISION OF LOTS 7 AND PARTS OF LOT 1, 2, 6 AND 8 IN SECTION 17, TOWNSHIP 2 SOUTH, RANGE 30 WEST, IN DEED BOOK 154, PAGE 521, ESCAMBIA COUNTY, FLORIDA.

TOTAL SITE ACREAGE:	0.35 ACRES - 15,246 SQ.FT.		
	IMPERVIOUS and PERVIOUS AREA		
	EXISTING	PROPOSED	TOTAL
BUILDING	3,378 SQ.FT.	3,200 SQ.FT.	6,578 SQ.FT.
CONCRETE / PAVING/DUMPSTER PAD	3,600 SQ.FT.	0.00 SQ. FT.	3,600 SQ. FT.
TOTAL IMPERVIOUS AREA	6,978 SQ.FT.	3,200 SQ. FT.	9,778 SQ. FT.
LANDSCAPE AREA	8,268 SQ.FT.		5,468 SQ.FT.
PERCENTAGE OF LANDSCAPE	54.23%		35.9%

NOTE: NO SIGNAGE IS PROPOSED FOR THIS PROJECT.

PROJECT SITE



VICINITY MAP
SCALE: NTS'

PREPARED BY

J M A
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Civil Engineering Planning

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EMAIL: terrezza@bellsouth.net

UTILITY PROVIDERS

ITEM	COMPANY NAME
SANITARY SEWER	ECUA
WATER	ECUA
POWER	NEXTERA ENERGY
TELEPHONE	BELLSOUTH
CABLE TV	COX
GAS	E.S.P.

FLOODPLAIN MANAGEMENT STATEMENT:
The subject property as shown hereon is located in flood zone X, (Minimal risk areas outside the 1-percent and .2- percent-annual-chance floodplains. No BFEs 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 12033C0390G map revision dated September 29, 2006.

PROJECT NUMBER: 2021.BPDL

ALL WORK TO BE COMPLETED IN ACCORDANCE WITH ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE E.C.U.A ENGINEERING MANUAL, AND THE F.D.O.T. DESIGN STANDARDS LATEST EDITIONS.

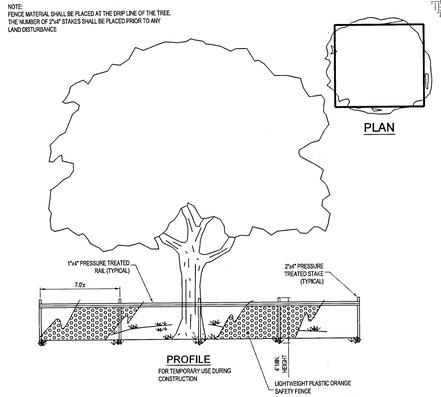
GRAPHIC SCALE 1 inch = 20 ft. (IN FEET)

ALL SURVEYING WORK HEREON PROVIDED BY NORTHWEST FLORIDA SURVEYING, INC. PROJECT NO. 24564, DATED 7/16/2021.

LEGEND:

- DENOTES EXISTING ASPHALT TO REMAIN
- DENOTES ASPHALT TO BE REMOVED
- DENOTES EXISTING CONCRETE
- DENOTES CONCRETE TO BE REMOVED
- DENOTES EXISTING WOOD PRIVACY FENCE
- SF — DENOTES PROPOSED SILT CURTAIN FENCE
- DENOTES EXISTING TREE TO REMAIN
- DENOTES EXISTING TREE TO BE REMOVED

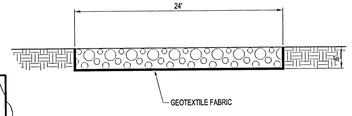
NOTE: FENCE MATERIAL SHALL BE PLACED AT THE DRIP LINE OF THE TREE. THE NUMBER OF 2"x4" STAKES SHALL BE PLACED PRIOR TO ANY LAND DISTURBANCE



PLAN

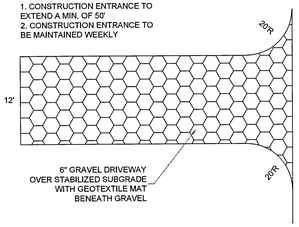
PROFILE
FOR TEMPORARY USE DURING CONSTRUCTION

TREE BARRICADE DETAIL
N.T.S.



EROSION CONTROL PAD SECTION
N.T.S.

NOTE:
1. CONSTRUCTION ENTRANCE TO EXTEND A MIN. OF 50'
2. CONSTRUCTION ENTRANCE TO BE MAINTAINED WEEKLY



TEMPORARY CONSTRUCTION ENTRANCE DETAIL
N.T.S.

BENCHMARK DATA:

BM~1 MAG NAIL IN ASPHALT
ELEVATION= 82.05' (NAVD88)

BM~2 40D NAIL IN NORTH SIDE OF
40" OAK TREE ELEVATION= 83.96' (NAVD88)

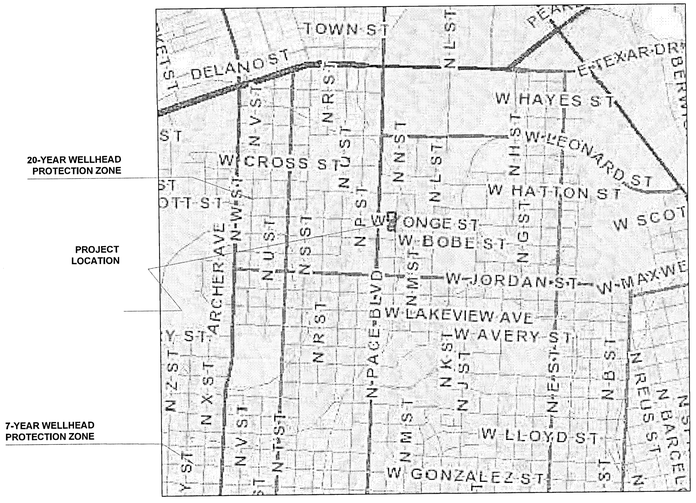
TREE TABLE

TREE NO.	DIAMETER @ DBH (INCHES)	TYPE	CANOPY (FEET)	DISPOSITION	DBH TREES REMOVED (INCHES)	REPLACEMENT (CALIPER INCHES)
T-1	45"	WATER OAK	45'	SAVE	0	
T-2	36"	WATER OAK	90'	SAVE	0	
T-3	43"	WATER OAK	90'	SAVE	0	
T-4	42"	WATER OAK	50'	REMOVE - BUILDING	42	21
T-5	25"	WATER OAK	36'	REMOMVE- POND	25	12.5
T-6	18"	WATER OAK	19'	SAVE (N St. right of way)	0	
T-7	21"	WATER OAK	38'	SAVE (N St. right of way)	0	
					67	33.5

NOTE: THERE ARE NO HERITAGE TREES LOCATED ON THIS SITE OR IN ADJACENT RIGHTS OF WAY.

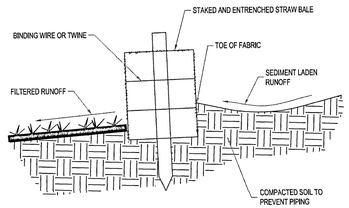
TREE PROTECTION NOTES

1. TREE PROTECTION BARRICADES SHOULD BE PLACED AROUND THE DRIPLINE OF ALL PROTECTED TREES MARKED FOR PRESERVATION PRIOR TO ANY LAND DISTURBANCE CONSISTENT WITH THE DEVELOPMENT ORDER.
2. NO PROTECTED TREES WILL BE REMOVED (OTHER THAN WHAT IS PERMITTED BY THE DEVELOPMENT ORDER AND SHOWN ON THE APPROVED PLANS), DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN, OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
3. NO UN-PERMITTED GRADING OR CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ONSITE. STORAGE OF HEAVY EQUIPMENT SHALL NOT OCCUR UNDER THE DRIPLINE OF THE PROTECTED TREES ON SITE.

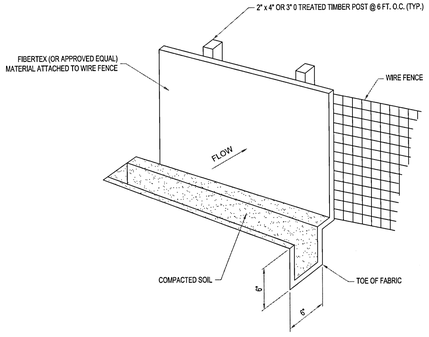


WELLHEAD PROTECTION MAP

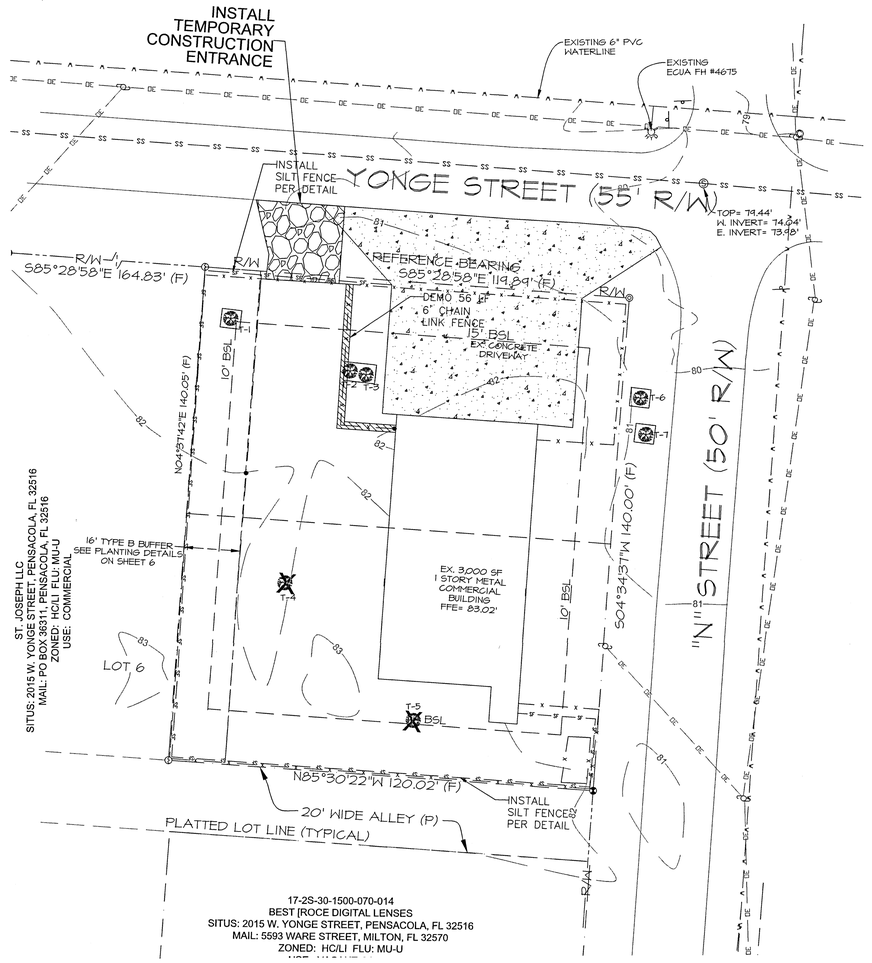
The subject parcels fall within the Travel Time Contours of a protected (potable) Wellheads. All onsite Contractors shall be responsible for reporting spills of potentially hazardous substances (i.e. gasoline, diesel fuel, hydraulic fluid, cleaning products, chemicals, etc.) to the appropriate State (FDEP State Warning Point 1-800-320-0519) and local (ECUA- Emerald Coast Utilities Authority (850) 476-5110 and Escambia County Health Department/Environmental Health 595-6712) agencies.



HAY BALE DETAIL
N.T.S.



SILT FENCE DETAIL
N.T.S.



NO.	DATE	REVISIONS
1	1-12-2022	ADD EROSION CONTROL & DETAILS
2		
3		
4		

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Gerald W. McGuire, P.E. # 39572
Engineering Business #00009435

TERREZZA LAB ADDITION

DEMOLITION PLAN

ESCAMBIA COUNTY FLORIDA

DRAWN BY: HAH
DESIGNED BY: GWM
CHECKED BY: GWM
DATE: JUNE 2021
SCALE: 1"=20'
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

PROJECT NO: 2021.TRZALAB
FILE NO: 2021.TRZALAB
SHEET: 3 OF 6

ALL WORK TO BE COMPLETED IN ACCORDANCE WITH ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE E.C.U.A ENGINEERING MANUAL, AND THE F.D.O.T. DESIGN STANDARDS LATEST EDITIONS.

GRAPHIC SCALE 1 inch = 20 ft. (IN FEET)

GENERAL NOTES

1. ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD. POND AND SWALE TOPS SHALL BE SODDED, SEE LANDSCAPE PLAN FOR DETAILS.
2. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION BY THE ESCAMBIA COUNTY.
3. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. THESE RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION BY ESCAMBIA COUNTY..
4. THE CONTRACTOR SHALL ARRANGE/SCHEDULE WITH THE COUNTY ENGINEER AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BURIAL, AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION.
5. ALL NEW ROOF DRAINS, DOWNSPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORM WATER TO CONVEYANCE SYSTEM.
6. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO THE ESCAMBIA COUNTY, "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY THE ESCAMBIA COUNTY. ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATION. THE "AS-BUILT" CERTIFICATION OR "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED, AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
7. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W 1-800-432-4770.
8. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY FOR THE BUILDING.
9. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. . ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
10. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
11. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE ESCAMBIA COUNTY..
12. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO THE ESCAMBIA COUNTY."AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY THE ESCAMBIA COUNTY. ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
13. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD. IF WINTER RYE SEED IS USED, INCLUDE A BAHIA MIX TO INSURE CONTINUED GROWTH AFTER WINTER MONTHS.
14. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR FINAL INSPECTION.
15. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
16. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
17. TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH REQUIRED 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..
18. 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.

LEGEND:

- © ~ CABLE RISER
- ~ UTILITY POLE
- ~ WATER VALVE
- ~ FIRE HYDRANT
- ~ SIGN
- Ⓢ ~ SANITARY SEWER MANHOLE

SPECIAL LINES:

- ~ SANITARY SEWER LINE
- ~ WATER SERVICE LINE
- ~ OVERHEAD ELECTRICAL

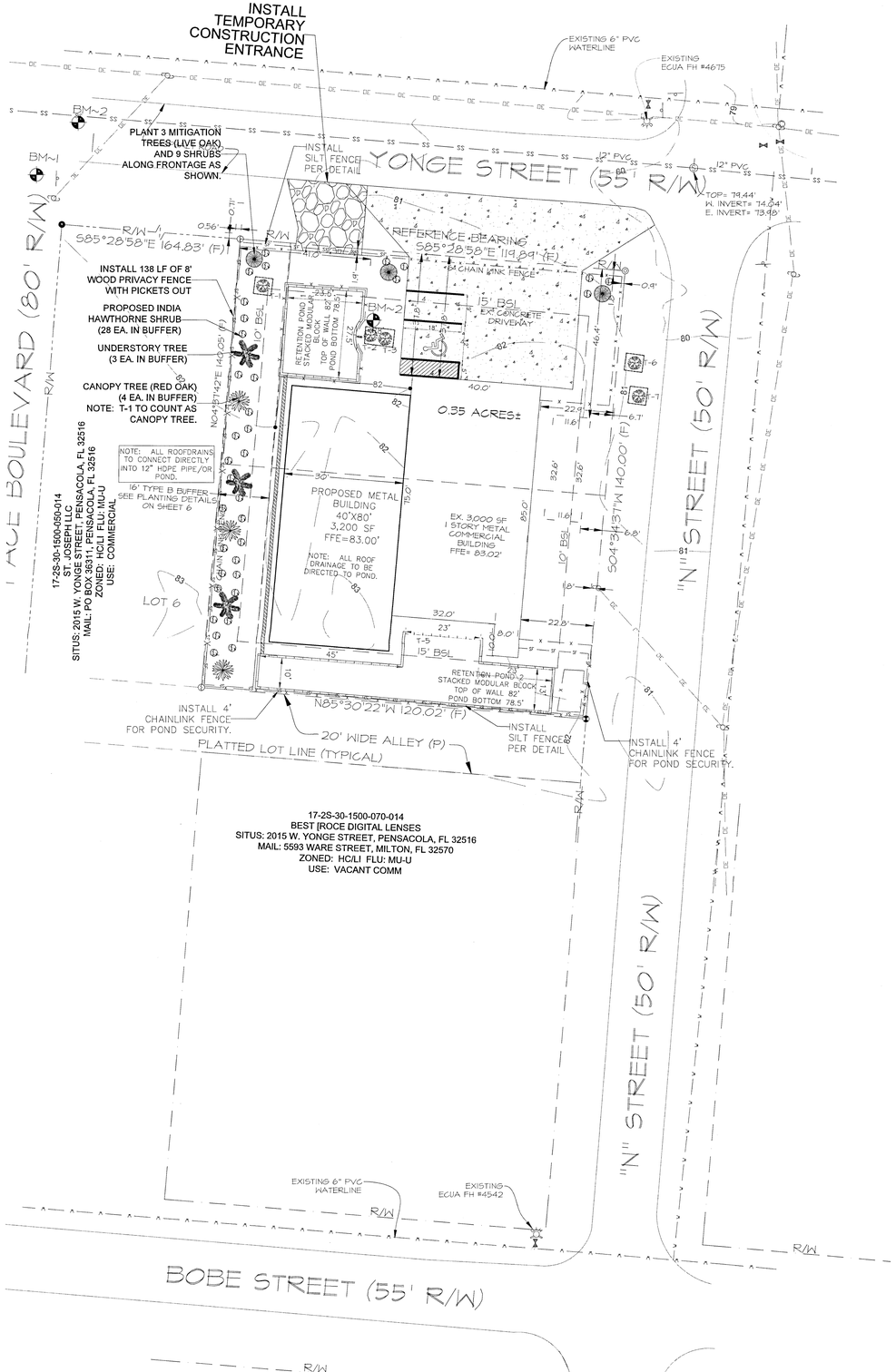
NOTE: GARBAGE/SANITATION SERVICE WILL BE PROVIDED WITH ROLL OUT CANS.

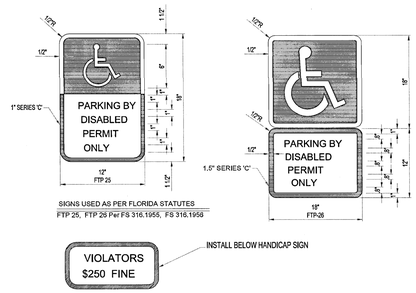
The subject parcels fall within the Travel Time Contours of a protected (potable) Wellheads. All onsite Contractors shall be responsible for reporting spills of potentially hazardous substances (i.e. gasoline, diesel fuel, hydraulic fluid, cleaning products, chemicals, etc.) to the appropriate State (FDEP State Warning Point 1-800-320-0519) and local (ECUA- Emerald Coast Utilities Authority (850) 476-5110 and Escambia County Health Department/Environmental Health 595-6712) agencies.

BENCHMARK DATA:

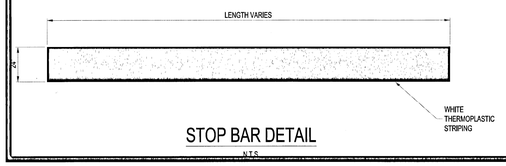
BM~1 MAG NAIL IN ASPHALT
ELEVATION= 82.05' (NAVD88)

BM~2 40D NAIL IN NORTH SIDE OF
40" OAK TREE ELEVATION= 83.96' (NAVD88)





HANDICAPPED PARKING SIGN DETAIL
N.T.S.



STOP BAR DETAIL
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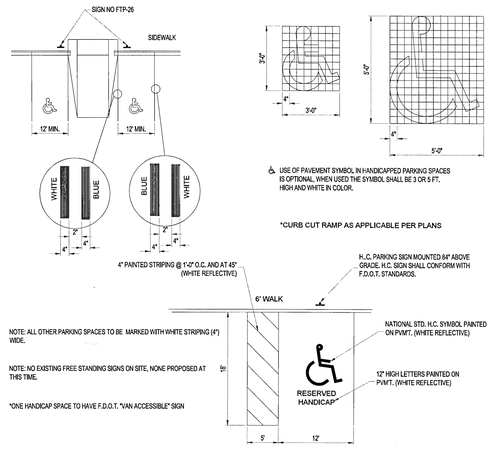

HANDICAPPED PARKING & PAVEMENT DETAIL
N.T.S.

NO.	DATE	REVISIONS
1		
2		
3		
4		

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Engineering Business #00036455

BEST PRICE LENSES ADDN
SITE LAYOUT PLAN
FLORIDA
ESCAMBIA COUNTY

DRAWN BY: HAH
DESIGNED BY: GWM
CHECKED BY: GWM
DATE: JUNE 2021
SCALE: 1"=20'
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

PROJECT NO: 2021.TRZALAB
FILE NO: 2021.TLA
SHEET: 4 OF 6

GRAPHIC SCALE 1 inch = 20 ft. (IN FEET)

1. NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT ESCAMBIA COUNTY REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES AND ADVANCED NOTIFICATION OF THE REQUESTED INSPECTION IS REQUIRED.
2. NPDES PERMITTING AND COMPLIANCE WILL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR. NO WORK WILL COMMENCE ON THE PROPOSED PROJECT UNTIL THE NOTICE OF INTENT (NOI) HAS BEEN PROPERLY SUBMITTED.

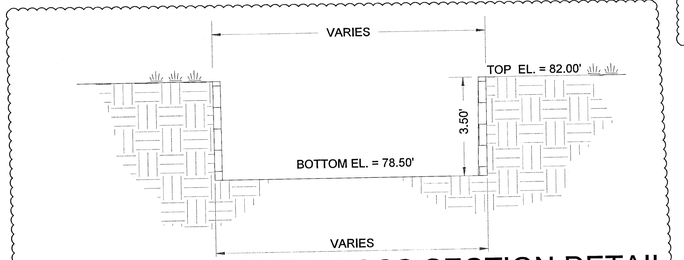
ALL WORK TO BE COMPLETED IN ACCORDANCE WITH ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE E.C.U.A ENGINEERING MANUAL, AND THE F.D.O.T. DESIGN STANDARDS LATEST EDITIONS.

STORMWATER NOTES:

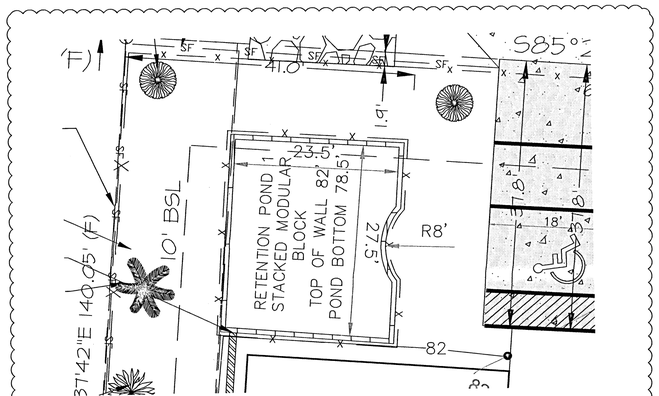
1. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF SEDIMENT FENCING PRIOR TO CONSTRUCTION AS REQUIRED TO CONTAIN EROSION AND SEDIMENTS WITHIN THE PROPERTY BOUNDARY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS OF ALL SEDIMENT CONTROL AREAS, ANY REPAIRS AND SEDIMENT REMOVAL NECESSARY FOR PROPER OPERATION.
3. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS.
4. ADDITIONAL SEDIMENT FENCING MAY BE REQUIRED IN ALL AREAS SUBJECT TO EROSION.
5. ALL BLOWOUTS, UNDERMINING AND DAMAGED SEDIMENT FENCING SHALL BE REPAIRED IMMEDIATELY AND REPORTED TO THE PROJECT ENGINEER AND PROPER AUTHORITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
7. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION.
8. ALL STORMWATER PONDS SHALL BE SUBSTANTIALLY COMPLETE BEFORE EXCAVATION FOR PAVEMENT BASE BEGINS. THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT EXCAVATED PONDS FROM BLINDING DUE TO SEDIMENTS.
9. IF MORE THAN 1 CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITH IN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.
10. NO LAND DISTURBANCE SHALL OCCUR IN AREAS DEFINED AS WETLANDS AND/OR WETLAND BUFFERS UNLESS OTHERWISE NOTED.
11. GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.
12. CONTRACTOR SHALL DISPOSE OF BY HAULING AWAY ALL EXCESS MATERIAL.
13. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD. SEEDED AREAS SHALL INCLUDE A BAHAI MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS.
14. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED AREAS IS REQUIRED PRIOR TO COUNTY APPROVAL/ACCEPTANCE.

GENERAL NOTES

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY ONE "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATION. THE "AS-BUILT" CERTIFICATION OR "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED, AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY FOR THE BUILDING.
3. 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.
4. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
5. 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.
6. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
7. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORM WATER TO RETENTION/DETENTION AREAS..
8. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR FINAL INSPECTION.
9. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. THESE RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION BY ESCAMBIA COUNTY.
10. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
11. PRIOR TO CONSTRUCTION A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT(S) SHALL BE OBTAINED FOR ALL RETAINING WALL(S) HIGHER THAN 2 FEET.
12. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
13. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILTS" SIGN OFF FROM THE COUNTY.
14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.
15. EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BURIAL, AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION.THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION BY ESCAMBIA COUNTY/THE WATER MANAGEMENT DISTRICT.
13. THE CONTRACTOR SHALL ARRANGE/SCHEDULE WITH THE COUNTY ENGINEER AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BURIAL, AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION.
14. CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR SUBMITTING TO THE WATER MANAGEMENT DISTRICT THE NOTICE OF CONSTRUCTION COMMENCEMENT.
15. FINAL AS-BUILT CERTIFICATIONS TO THE WATER MANAGEMENT DISTRICT WILL BE SUBMITTED BY THE ENGINEER OF RECORD.
16. IF WINTER RYE SEED IS USED, INCLUDE A BAHIA MIX TO INSURE CONTINUED GROWTH AFTER WINTER MONTHS.
17. TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH REQUIRED 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.



RETENTION POND CROSS SECTION DETAIL
N.T.S.

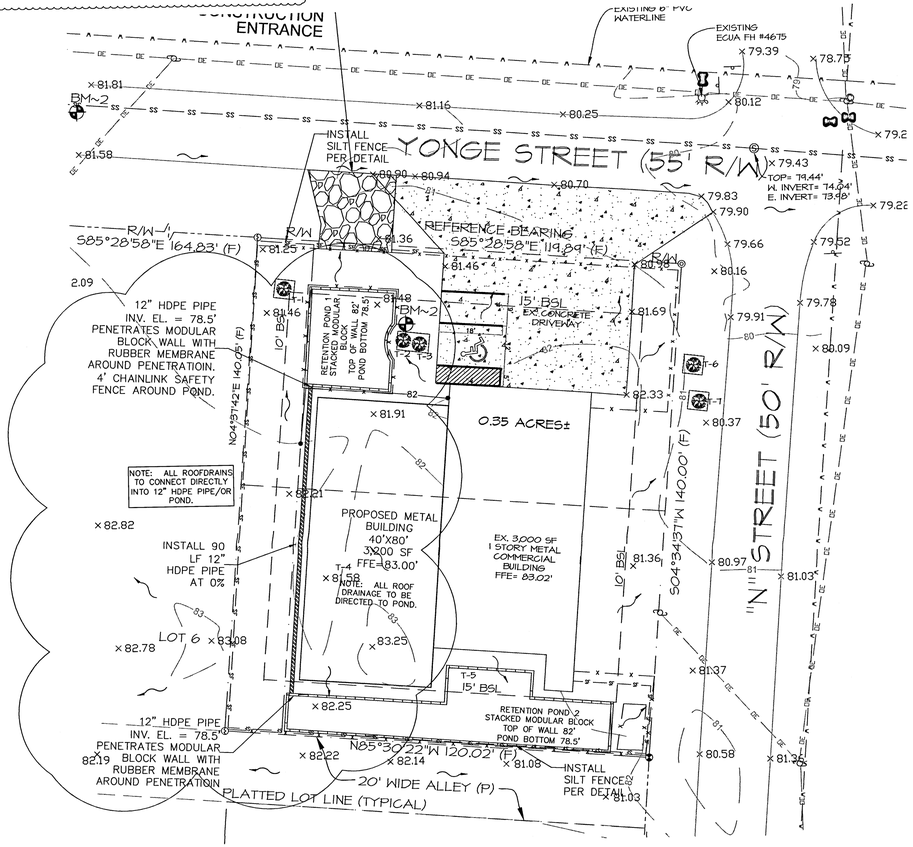


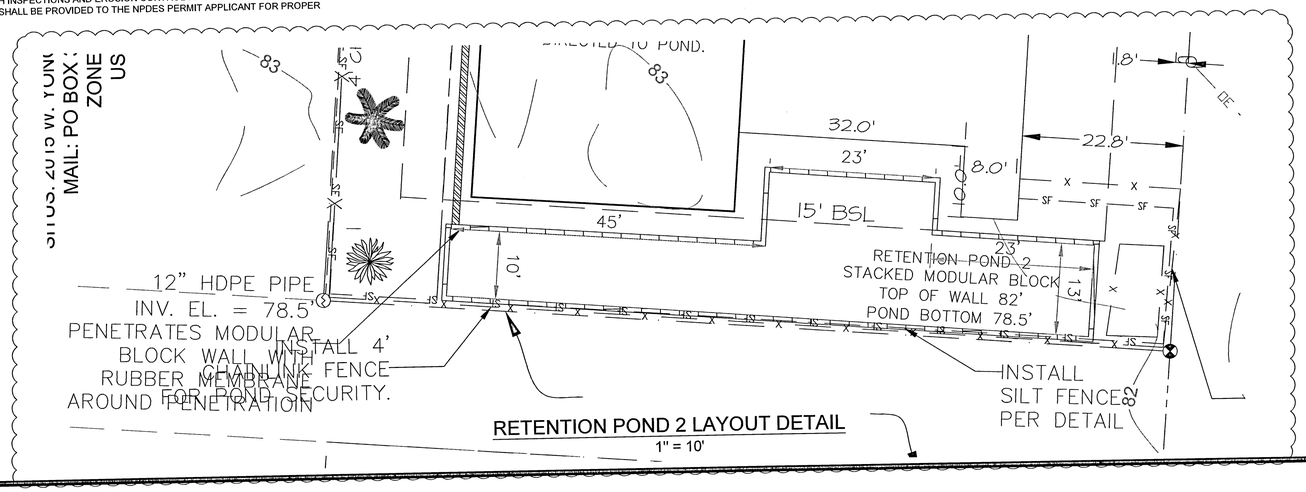
RETENTION POND 1 LAYOUT DETAIL
1" = 10'

BENCHMARK DATA:

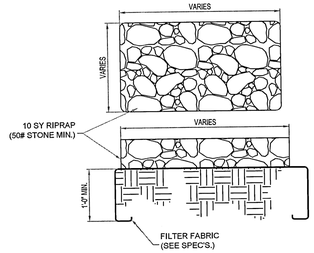
BM~1 MAG NAIL IN ASPHALT
ELEVATION= 82.05' (NAVD88)

BM~2 40D NAIL IN NORTH SIDE OF
40" OAK TREE ELEVATION= 83.96' (NAVD88)





RETENTION POND 2 LAYOUT DETAIL
1" = 10'



RIPRAP DETAIL
N.T.S.

NO.	DATE	REVISIONS
1	10-19-2020	REV.: PER COUNTY COMMENTS
2		
3		
4		

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Gerald W. McGuire# P.E. # 38972
Engineering Business #00006453

BEST PRICE LENSES

GRADING & UTILITY PLAN

ESCAMBIA COUNTY FLORIDA

DRAWN BY: HAH	
DESIGNED BY: GWM	
CHECKED BY: GWM	
DATE: JUNE 2021	
SCALE: 1"=20'	
NOT RELEASED FOR CONSTRUCTION	DATE:
	BY:

PROJECT NO: 2021.TRZALAB
FILE NO:
SHEET: 5 OF 6

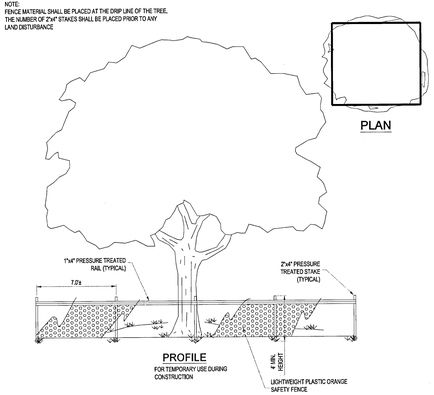
ALL WORK TO BE COMPLETED IN ACCORDANCE WITH ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE E.C.U.A ENGINEERING MANUAL, AND THE F.D.O.T. DESIGN STANDARDS LATEST EDITIONS.

GRAPHIC SCALE 1 inch = 20 ft. (IN FEET)

LEGEND:

- DENOTES EXISTING CONCRETE
- DENOTES CONCRETE TO BE REMOVED
- DENOTES EXISTING WOOD PRIVACY FENCE
- SF — DENOTES PROPOSED SILT CURTAIN FENCE
- DENOTES EXISTING TREE TO REMAIN
- DENOTES EXISTING TREE TO BE REMOVED
- PROPOSED CANOPY TREE (RED OAK)
- PROPOSED UNDERSTORY TREE
- PROPOSED MITIGATION TREE
- PROPOSED SHRUB

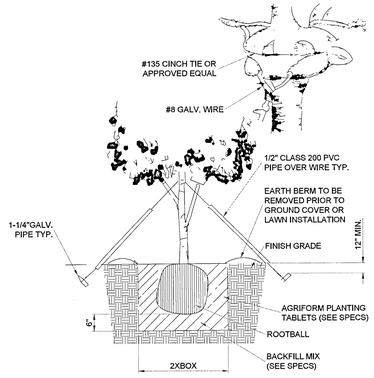
NOTE: FENCE MATERIAL SHALL BE PLACED AT THE DRIP LINE OF THE TREE. THE NUMBER OF 2"x4" STAKES SHALL BE PLACED PRIOR TO ANY LAND DISTURBANCE



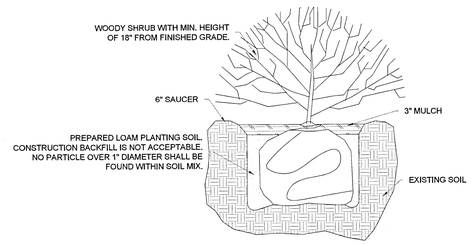
TREE BARRICADE DETAIL
N.T.S.

TREE PROTECTION NOTES

1. TREE PROTECTION BARRICADES SHOULD BE PLACED AROUND THE DRIPLINE OF ALL PROTECTED TREES MARKED FOR PRESERVATION PRIOR TO ANY LAND DISTURBANCE CONSISTENT WITH THE DEVELOPMENT ORDER.
2. NO PROTECTED TREES WILL BE REMOVED (OTHER THAN WHAT IS PERMITTED BY THE DEVELOPMENT ORDER), DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN, OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
3. NO UN-PERMITTED GRADING OR CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ONSITE. STORAGE OF HEAVY EQUIPMENT SHALL NOT OCCUR UNDER THE DRIPLINE OF THE PROTECTED TREES ON SITE.



TREE PLANTING DETAIL
N.T.S.



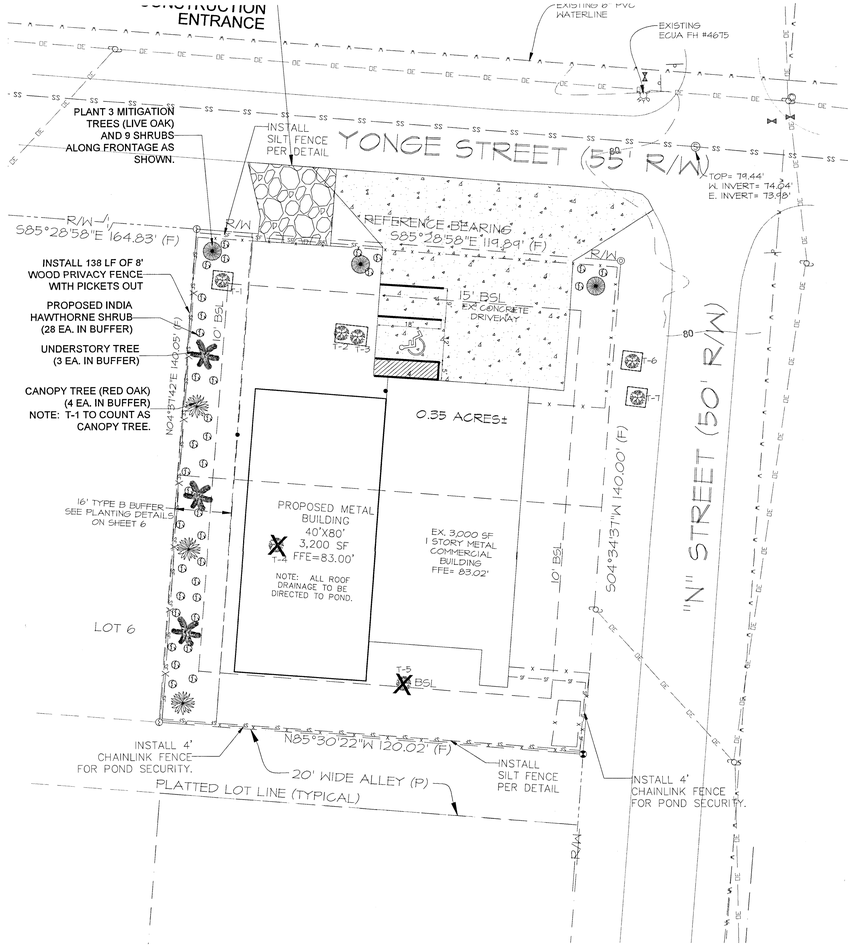
SHRUB PLANTING DETAIL
N.T.S.

NOTES:
1. TOTAL PROTECTED TREE DBH TO BE REMOVED IS 67 INCHES.
2. TREE REPLACEMENT AT 0.5 INCHES PER REMOVAL OF TREE = 33.5 CALIPER INCHES TO BE REPLACED.
3. DUE TO LIMITED SITE AREA, DEVELOPER WISHES TO PURSUE TREE REPLACEMENT OPTIONS:
   A. LIMIT UNDER SECTION 2-5.2(C). FOR 0.35 ACRES X 25 INCHES/ACRE = 8.75 INCHES = 9 CALIPER INCHES OF TREES TO BE PLANTED ONSITE. (at 3" PER REPLACEMENT TREES = 3 TREES.)
4. REFERENCE TABLE TO RIGHT FOR LOCATION OF TREES TO BE REMOVED.

TREE TABLE

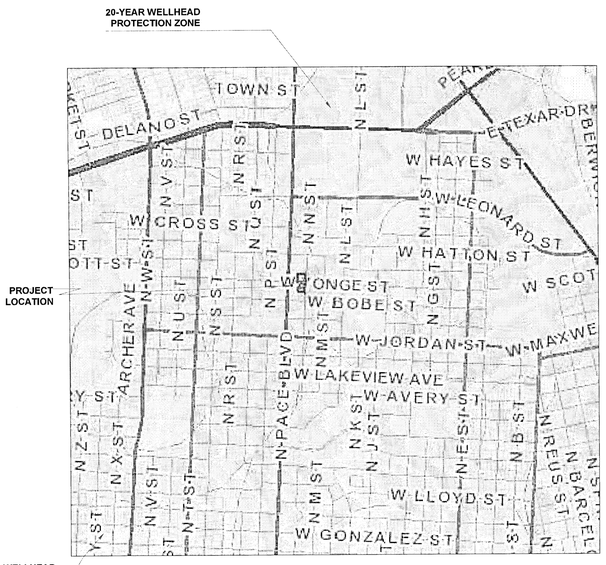
TREE NO.	DIAMETER @ DBH (INCHES)	TYPE	CANOPY (FEET)	DISPOSITION	DBH TREES REMOVED (INCHES)	REPLACEMENT (CALIPER INCHES)
T-1	45"	WATER OAK	45'	SAVE	0	
T-2	36"	WATER OAK	90'	SAVE	0	
T-3	43"	WATER OAK	90'	SAVE	0	
T-4	42"	WATER OAK	50'	REMOVE - BUILDING	42	21
T-5	25"	WATER OAK	36'	REMOMVE- POND	25	12.5
T-6	18"	WATER OAK	19'	SAVE (N St. right of way)	0	
T-7	21"	WATER OAK	38'	SAVE (N St. right of way)	0	
					67	33.5

NOTE: THERE ARE NO HERITAGE TREES LOCATED ON THIS SITE OR IN ADJACENT RIGHTS OF WAY.



ON-SITE LANDSCAPING NOTES
(DOES NOT APPLY TO COUNTY RIGHT-OF-WAY)

1. INTERIOR CUSTOMER PARKING AREA LANDSCAPING ISLANDS ARE REQUIRED TO BE PLANTED WITH ONE CANOPY TREE.
2. ALL REPLACEMENT/MITIGATION TREES TO BE PLANTED ARE TO BE NATIVE, CANOPY TREES WITH A MINIMUM CALIPER INCH OF 2.5" OR GREATER AT 4" ABOVE ROOTBALL AT TIME OF PLANTING. ALL TREES ARE TO HAVE A CLEAR TRUNK FROM FINISHED GRADE TO 5' ABOVE GRADE TO ALLOW FOR CLEAR VISIBILITY. UNDERSTORY TREES ARE THOSE THAT REACH A MATURE HEIGHT LESS THAT 20'. CANOPY TREES ARE THOSE REACH A MATURE HEIGHT OF 20' OR GREATER.
3. CREPE MYRTLE TREES DO NOT COUNT AS NATIVE OR CANOPY TREES. CONTRACTOR PERFORMING WORK TO USE NATIVE, CANOPY TREES PER LDC CHAPTER 5, ARTICLE 7.
4. NON-NATIVE SPECIES ACCOUNT FOR 25% OR LESS OF TOTAL REQUIRED TREES PLANTED.
5. MAXIMUM PERCENTAGE OF ANY ONE SPECIES LIMITED TO 67% FOR THIS SITE BASED ON 3 REPLACEMENT TREES.
6. REPLACEMENT TREES SHALL BE A MINIMUM CALIPER OF 2.5" OR GREATER 4" ABOVE THE ROOTBALL AT THE TIME OF PLANTING. TREES ARE TO BE FLORIDA GRADE 1 OR BETTER, NATIVE IN SPECIES, AND A CANOPY TREE (>20' AT MATURE HEIGHT). CANOPY TREES TO PLANTED ON-SITE ARE AMERICAN ELM, LIVE OAK, SOUTHERN RED OAK, RED MULBERRY OR OTHER TREE APPROVED BY ESCAMBIA COUNTY. 2.5" MINIMUM CALIPER INCHES EACH AT THE TIME OF PLANTING.
7. UNDERSTORY TREES TO BE PLANTED ON-SITE ARE FLOWERING DOGWOOD, CHICKASAW PLUM, LOQUAT, FRINGE TREE, SWEETLEAF OR OTHER TREE APPROVED BY ESCAMBIA COUNTY. CANOPY TREES TO PLANTED ON-SITE ARE AMERICAN ELM, LIVE OAK, SOUTHERN RED OAK, RED MULBERRY OR OTHER TREE APPROVED BY ESCAMBIA COUNTY.
8. ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER, AND MULCH, HYDROSEED, AND/OR SOD.
9. ALL SHRUBS ARE TO BE NATIVE SPECIES AND ARE TO BE PLANTED WITHIN ALL LANDSCAPING BUFFERS AS SHOWN. SHRUBS ARE TO BE A MIN. OF 12" HIGH AT TIME OF PLANTING.
10. ALL REQUIRED LANDSCAPING AREAS ARE TO BE PROVIDED WITH AND IRRIGATION SYSTEM WITH RAIN SENSORS. THE MATERIALS TO BE USED FOR THE IRRIGATION SYSTEM ARE TO BE ASTM APPROVED.
11. LANDSCAPING BUFFER ALONG PUBLIC RIGHTS-OF-WAY REQUIREMENT: 1 UNDERSTORY TREE PER 40 LF OF FRONTAGE ALONG YONGE STREET RIGHT-OF-WAY.
12. ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED **PRIOR** TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.



WELLHEAD PROTECTION MAP

The subject parcels fall within the Travel Time Contours of a protected (potable) Wellheads. All onsite 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 State (FDEP State Warning Point 1-800-320-0519) and local (ECUA- Emerald Coast Utilities Authority (850) 476-5110 and Escambia County Health Department/Environmental Health 595-6712) agencies.

LAND DISTURBANCE NOTES:

1. *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 ESCAMBIA COUNTY LAND DEVELOPMENT CODE.*
2. *ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL, "LAND DISTURBING ACTIVITIES", ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY* **PRIOR** TO INITIATION.

NO.	DATE	REVISIONS
1	9-28-2021	REV. - ENVIRONMENTAL & LANDSCAPE
2		
3		
4		

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Gerald W. McGuire-P.E. # 39572
Engineering Business #00009453

TERREZZA LAB ADDITION

ENVIRONMENTAL/LANDSCAPE PLAN

LANDSCAPE PLAN DETAILS

ESCAMBIA COUNTY FLORIDA

DRAWN BY: HAH
DESIGNED BY: GWM
CHECKED BY: GWM
DATE: JUNE 2021
SCALE: 1"=20'
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

PROJECT NO: 2021.TRZALAB
FILE NO: 2021.TLA
SHEET: 6 OF 6

Site Description

The proposed TERREZZA LAB ADDITION is a 0.79 acre project is located on THE WEST SIDE OF PACE BOULEVARD BETWEEN W. BOBESTREET AND W. YONGE STREET AT ____ W. YONGE STREET, PENSACOLA, FL 32503. It is a proposed BUILDING FOR THE MANUFACTURE OF EYE GLASS LENSES. The site is within the limits of City of Pensacola, Florida.

This development consists of the construction of a building addition to the present building. The existing access is a concrete driveway. The project parcel is 0.23 acres and currentlyhas an existing lab building. The project parcel is sloped from northeast to southwest across the property and directs stormwater runoff towards W. Bobe Street Street right of way. Following construction, stormwater runoff generated from the project will be collected and treated via an onsite retention pond. The pond is designed to retain all runoff from a 100-year critical duration storm. Should a catastrophic event greater than a 100 year storm occur and the pond overtop its banks, excess runoff from the site would ultimately sheet flow to the southwest and down to W. Bobe Street. The approximate latitude and longitude of this centrally located discharge point are 30.439081 & -87.210603.

Larry M. Jacobs & Associates, Inc. performed geotechnical borings in the pond location. Groundwater was not encountered during geotechnical boring operations at 30 feet below existing grade, so none is expected to be encountered during construction. There is perched water in the area.

Erosion and Sedimentation Controls

Erosion and sedimentation from the construction site shall be controlled at all times using Best Management Practices (BPMs). Perimeter controls shall be installed prior to clearing activities or any construction activity that disturbs soils. Installation of those controls may be staged to correspond with the clearing and construction schedule. Immediate after clearing activities appropriate controls shall be installed to limit and minimize the velocity of stormwater runoff over unprotected soils. Temporary BPMs shall be used as necessary inside the perimeter controls as the construction progresses. Perimeter controls shall be actively maintained until final stabilization of those portions of the site uphill of the perimeter controls. Temporary controls shall be removed when stabilization is achieved or when necessary for the next stage of construction. Controls shall be consistent with the performance standards for erosion and sedimentation control as set forth in Section 62-40.432 F.A.C.

Stabilization and Structural Practices

Stabilization practices may include, but not limited to, temporary seeding, mulching, geotextiles, permanent sod and preservation of existing vegetation. Preservation of the existing vegetation should always be the first choice BMP. Where disturbed soils are to remain for extended periods, temporary seeding should be considered prior to final sod stabilization. A record shall be maintained of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site and when stabilization measures are initiated. Stabilization measures shall be initiated as soon as practicable, but in no case more than 14 days, in those areas of the site where construction activities have temporarily or permanently ceased.
Structural practices shall divert flows from exposed soils, store flows, retain sediment on-site, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include, but not limited to, silt fences, earth dikes, diversion swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems and temporary or permanent sediment basins.

Stormwater Management

A single row of type III silt fencing shall be installed around the perimeter of the property as illustrated on the construction plans. This will limit the extents of construction and help deter encroachment onto the adjacent properties as well as assist in preventing downstream sedimentation. In addition to the aforementioned silt fence perimeter, a gravel construction entrance shall be installed at the designated construction ingress/egress location. It is anticipated that the temporary construction entrance will be installed in the area of the proposed asphalt driveway on the south side of the property. All of the aforementioned BMP's shall be in place prior to any activity that disturbs soils. After clearing and rough grading activities, check dams and additional silt fencing and hay bales shall be installed, as necessary, uphill of the perimeter controls to reduce runoff velocities and the potential for excessive erosion. The proposed stormwater pond shall first be constructed and utilized as a temporary stormwater storage and sediment basin to help avoid sedimentation onto the adjacent property. The pond should be under-excavated and all feasible on-site runoff shall be directed towards this basin during construction activities. Runoff from uphill areas shall be directed to the pond, where feasible, by diversion swales. The remaining runoff downhill from the proposed pond shall be directed toward the reinforced perimeter erosion control also utilizing diversion swales. These swales may require temporary seeding and check dams to minimize velocities and avoid excessive erosion. Rip-rap or similar velocity control is to be used, as necessary, at the outfalls from the stormwater management system for velocity dissipation prior to discharge off-site. Silt fences, and hay bales if necessary, shall be installed across the outfalls until final stabilization is achieved. Silt saver frame and assemblies will be used around installed inlets until other permanent stabilization has occurred. Erosion control facilities shall be actively maintained throughout the course of construction and shall remain until final stabilization is achieved and acceptance of work has been received from the owner.

Controls for Other Potential Pollutants

A materials management area shall be designated on-site for protected storage of chemicals, solvents, fertilizers and other potentially toxic materials. Storage areas can become a major source of risk due to possible mishandling of materials and accidental spills. An inventory should be compiled and maintained of the storage area and the site. Special care should be taken to identify any materials that have the potential to come into contact with stormwater.
Petroleum products such as oil gasoline, lubricants and asphaltic substances should be handled carefully to minimize their exposure to stormwater. These management practices should be used to reduce the risks of using petroleum products:
* Have equipment available to contain and clean up petroleum spills in fuel storage areas or on board maintenance and fueling.
* Where possible, store petroleum products and fuel vehicles in covered areas and construct dikes to contain any spills.
* Contain and clean up petroleum spills immediately.
* Perform preventative maintenance for on-site equipment to prevent leakage.
* Apply asphaltic substances properly according to the manufacturer's instructions.

Hazardous products including, but not limited to, paints, acids for cleaning masonry surfaces, cleaning solvents, chemical additives used for soil stabilization, and concrete curing compounds should be properly handled. These practices will help avoid pollution of stormwater by these materials:
* Keep equipment to contain and clean up spills of hazardous materials in the areas where the materials are stored.
* Contain and clean up spills immediately after they occur.
* Keep materials in a dry, covered area.
* Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually are printed on the containers.

Pesticides include insecticides, rodenticides, and herbicides that are commonly used on construction sites. These management practices will reduce the amounts of pesticides that could contact stormwater:
* Handle pesticides as infrequently as possible.
* Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually printed on the containers.
* Observe all applicable federal, state and local regulations when using, handling, or disposing of pesticides.
* Store pesticides in a dry, covered area.
* Provide curbs or dikes to contain spills.
* Have measures on site to contain and clean up spills.
* Strictly follow recommended application rates and methods.

Fertilizers and detergents usually contain nutrients that can be a major source of pollution in stormwater. These practices should be used to reduce the risks of nutrient pollution:
* Limit the application of fertilizers to the minimum area and the minimum recommended amounts.
* Reduce exposure of nutrients to stormwater runoff by working the fertilizer into the soil to a depth of 4 to 6 inches.
* Apply fertilizer more frequently, but at lower application rates.
* Limit hydroseeding in which lime and fertilizers are applied to the ground surface in one application.
* Implement good erosion and sediment control to help reduce the amount of fertilizer lost as a result of erosion.
* Limit the use of detergents on the site. Wash water containing detergent should not be discharged to the stormwater management system.
* Apply fertilizer and use detergents only in the recommended manner and amounts.

Proper management and disposal of building materials and other construction site wastes are an essential part of pollution prevention. Construction wastes include surplus or refuse building materials as well as hazardous wastes. Management practices for these wastes include trash disposal, recycling, material handling, and spill prevention and clean up. These practices should provide for proper disposal of construction wastes:

* Designate a waste disposal area on the site.
* Provide an adequate number of containers with lids or covers that can be placed over the container prior to rainfall. Locate containers in covered areas, where possible.
* Arrange for scheduled waste pick up. Adjust waste collection schedule as necessary to prevent overflow of the containers.
* Ensure that construction waste is collected, removed, and disposed of only at authorized disposal areas in compliance with applicable State and/or local waste disposal regulations.

Offsite vehicle tracking of sediments and the generation of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Off-site sediment removal should be conducted at a frequency necessary to minimize impacts. Vehicle wash area should be considered if off-site tracking becomes excessive.
The construction site must have temporary sanitary sewer facilities for on-site personnel. Portable facilities may be utilized throughout the site. Licensed domestic waste haulers must be contracted to regularly remove the sanitary wastes and to maintain the facilities in good working order. The temporary construction trailer may have sanitary sewer facilities with a holding tank. A licensed domestic waste hauler shall also service this facility. An on-site septic system for the construction trailer in not allowed. Temporary sanitary sewer facilities shall be permitted by the local building department in accordance with applicable State and local regulations.

Maintenance and Inspection Controls
Controls of pollutants shall be maintained throughout construction period and until final stabilization is achieved. Qualified personnel shall inspect all points of discharge and all disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural controls, and locations where vehicles enter or exit the site at least once every seven calendar days and within 24 hours of the end of every storm event that produces at least 0.25 inches of rainfall. Where sites have been finally stabilized, such inspection shall be conducted at least once every month until a Notice of Termination has been submitted.

* Stabilization Measures - Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of or the potential for, pollutants leaving the site. The inspection should reveal whether the area was stabilized correctly, whether there has been damage to the area since it was stabilized, and what should be done to correct
* Structural Controls - Silt fences, hay bales and other erosion control measures shall be inspected regularly for proper positioning, anchoring, and effectiveness in trapping sediments. The inspection should reveal whether the control was installed correctly, whether there has been damage to the control since installation, and what should be done to correct any problems. Sediment should be removed from the uphill side of the silt fence and the fence should be reconstructed as necessary. Hay bales shall be added or replaced as necessary to provide effective control.
* Discharge Points - Discharge points shall be inspected to determine whether erosion control measures are effective in preventing significant amounts of pollutants from leaving the site. Silt fences and hay bales shall be maintained or replaced as necessary. The inspection should reveal whether the on- site BMPs are effective, and what should be done to increase the effectiveness.
* Construction Entrances - Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking. The inspection should reveal whether the stabilization of the construction entrance is effective, and what should be
* Areas Used for Storage of exposed Materials - These are locations where construction materials (including excavated soils) are stored. The inspection should reveal the potential for excessive erosion and sedimentation, and what actions should be

Based on the result of the inspection, all maintenance operations needed to assure proper function of all controls, BMPs, practices or measures identified in this Plan shall be done in a timely manner, but in no case later than 7 calendar days following the inspection.

A Report summarizing the scope of each inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations related to the implementation of the stormwater pollution prevention plan, and modifications to the stormwater pollution prevention plan shall be prepared and retained as part of the stormwater pollution prevention plan for at least three years from the date that the site is finally stabilized. Such report shall identify any incidence of non-compliance.

Contractor Requirements
The contractor must have technical expertise in erosion prevention and sediment control. The contractor must at all time maintain erosion control methods that prevent any violation of the NPDES program.

Faulty Installation and/or Poor Maintenance
Most noncompliance occurs because measures were not installed correctly or maintained properly, or both. Determining the reason why the measures are failing requires technical knowledge about the devices and how to construct them properly. Contractors failure to control erosion, sedimentation or turbidity both onsite and offsite is not acceptable. Failure to do so may result in possible fines and/or termination from the site without payment for construction progress.

Compliance
The goal of the program is to prevent accelerated erosion and off-site sedimentation. The contractor is the first person to determine if the performance standards and intent of the rule are being met. He/She is the key person in ensuring that the construction site is evaluated fairly and consistently and that the site is kept in compliance.

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.

The rules are also flexible, allowing the contractor to decide the most economical and effective means of erosion control. This encourages the use of innovative techniques and specifically designed erosion control systems. The contractor is the key individual in making this kind of performance based rule work because the contractor is the first person to recognize performance failures and remedy the problems.

The contractor's job is to:
1. Determine that an erosion and sediment control plan for the site has been approved.
2. Determine that all specified practices have been installed and are being maintained according to the plan.
3. Determine that both on-site and off-site sedimentation, erosion and turbidity is being prevented. If the contractor finds deficiencies, appropriate action must be taken to attain compliance.

Control of Non-Stormwater Discharges
It is expected that the following non-stormwater discharges may occur from the site during construction period: water from water line flushing, pavement wash water (where no spills or leaks of toxic or hazardous materials have occurred), and uncontaminated groundwater (from dewatering excavation). If said discharges do occur, they will be directed to the temporary sediment basin prior to discharge. Turbid water from the stormwater pond shall not be pumped directly into either of the receiving waters. Any pumped water from the stormwater pond shall be treated so as to not allow a discharge of polluted stormwater. Treatment can include silt fences, settling ponds, the proper use of flocculating agents or other appropriate means.

Responsible Authority

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Project Name and location information:	*TERREZZA LAB ADDITION PENSACOLA, FL 32501*
Responsible Authority Information:	*GENE TERREZZA, OWNER PENSACOLA, FL 32501*
Project Contact:	*GENE TERREZZA TERREZZA LAB ADDITION PENSACOLA, FL 32501*

_____ _____
Name (Operator and/or Responsible Authority) *Date*

ALL WORK TO BE COMPLETED IN ACCORDANCE WITH ESCAMBIA COUNTY LAND DEVELOPMENT CODE, THE E.C.U.A ENGINEERING MANUAL, AND THE F.D.O.T. DESIGN STANDARDS LATEST EDITIONS.

Stormwater Pollution Prevention Plan Inspection Report Form
Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: _____ FDEP NPDES Stormwater Identification Number: FLR10_____

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks

Condition Code:
G = Good
C = Needs to be cleaned
M = Marginal, needs maintenance or replacement soon
O = Other
P = Poor, needs immediate maintenance or replacement

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Temporary Construction Fencing
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:

_____ _____ _____
Name Qualification Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.
* * * * * *
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ _____
Name (Responsible Authority) **Date**

NO.	DATE	REVISIONS
1		
2		
3		
4		

JMA
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Civil Engineering © Planning
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PACE, FLORIDA 32571
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Gerald W. McGuire-P.E. # 38572
Engineering business #0000645

TERREZZA LAB ADDITION
NPDES
ESCAMBIA COUNTY FLORIDA

DRAWN BY: HAH
DESIGNED BY: GWM
CHECKED BY: GWM
DATE: JUNE 2021
SCALE: 1"=20'
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

PROJECT NO: 2021.TRZALAB
FILE NO:
SHEET: 7 OF 8