AQUA EXPRESS CARWASH, LLC
PENSACOLA, FLORIDA

PROJECT: NEW CAR WASH BUILDING

PROJECT ADDRESS: 789 NINE MILE ROAD
PENSACOLA, FLORIDA

PROJECT CONTACT: BUSTER & VANESSA NAQUIN
DEVIN ENTERPRISES, LLC

SQUARE FOOTAGE	
TOTAL SQ. FT.	= 3,391
CANOPY SQ. FT.	= 752
TOTAL SQ. FT.	= 4,143

Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature ____ 5-30-18
Development Services Director or Designee — Date

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 must be obtained from the Development Review Committee (DRC) prior to the commencement of construction. This approval by the DRC 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.

LIFE SAFETY & BUILDING CODE INFORMATION

1. BUSINESS OCCUPANCY

A. LIFE SAFETY CODE 2009 INFORMATION

OCCUPANCY	BUSINESS
SUB CLASSIFICATION OF OCCUPANCY	CLASS B
SQUARE FOOTAGE	4,143 SQ. FT.
AUTOMATIC SPRINKLER SYSTEM	NOT REQUIRED/NOT PROVIDED
FIRE ALARM SYSTEM	NOT REQUIRED/NOT PROVIDED
TRAVEL DISTANCE	200 FT.
COMMON PATH OF TRAVEL	80
DEAD END CORRIDOR LIMIT	20 FT.
NUMBER OF EXITS	2 REQUIRED
MIN. WIDTH OF CORRIDORS	36"
OCCUPANCY LOAD	4

B. 2014 INTERNATIONAL BUILDING CODE INFORMATION

OCCUPANCY	BUSINESS
SQUARE FOOTAGE	4,143 SQ. FT.
AUTOMATIC SPRINKLER SYSTEM	NOT REQUIRED/NOT PROVIDED
FIRE ALARM SYSTEM	NOT REQUIRED/PROVIDED
TRAVEL DISTANCE	200 FT.
COMMON PATH OF TRAVEL	80
DEAD END CORRIDOR LIMIT	20 FT.
NUMBER OF EXITS	2 REQUIRED
MIN. WIDTH OF CORRIDORS	36"
OCCUPANT LOAD	4
AREA LIMITATION	UNLIMITED
HEIGHT LIMITATION	1 STORY
WIND LOAD DESIGN	150 MPH – 3 SECOND GUST
ROOF LIVE LOAD	20 PSF
RISK CATEGORY	II

DRAWING INDEX

SPECIAL CONDITIONS:

1. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS AND SECURE FROM THE ENGINEER/ARCHITECT OR OWNER ADDITIONAL INFORMATION, IF NECESSARY, THAT MAY BE REQUISITE TO A CLEAR AND FULL UNDERSTANDING OF THE WORK.
2. ANY WORK OR MATERIAL WHICH IS NOT DIRECTLY OR INDIRECTLY NOTED IN THE SPECIFICATIONS AND DRAWINGS; BUT IS NECESSARY FOR THE PROPER CARRYING OUT OF THE OBVIOUS INTENTION IS TO BE UNDERSTOOD AS "IMPLIED" AND IS TO BE PROVIDED BY THE CONTRACTOR IN HIS PROPOSAL AS FULLY AS IF SPECIFICALLY DESCRIBED OR DELINEATED. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS MUST BE REPORTED TO THE ENGINEER/ARCHITECT FOR CORRECTION AND INTERPRETATION BEFORE THE WORK IS EXECUTED.
3. DURING THE BIDDING PERIOD, ANY DISCREPANCIES, CONFLICTS, AND/OR QUESTIONS OF INTERPRETATION IN THE DOCUMENTS SHALL BE SUBMITTED TO THE ENGINEER/ARCHITECT PROMPTLY FOR CLARIFICATION. THE ENGINEER/ARCHITECT SHALL ISSUE WRITTEN ADDENDA TO BIDDERS CLARIFYING SUCH MATTERS. THE ENGINEER/ARCHITECT WILL NOT BE RESPONSIBLE FOR ORAL INSTRUCTIONS. IT SHALL BE HELD THAT ALL BIDDERS HAVE EXAMINED ALL DOCUMENTS FOR PROPER COMPREHENSION IN THE DIVISION OF THE WORK, AND THEIR RELATIONSHIP TO OTHER CONTRACTORS OR SECTIONS OF THE WORK. NO ALLOWANCE SHALL BE MADE, AFTER THE BID OPENING, FOR MISUNDERSTANDING ON THE PART OF THE CONTRACTOR.
4. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECS. AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL AND STATE GOVERNING AUTHORITIES.

PREPARATION AND SAFETY:

1. THE CONTRACTOR AND HIS SUBCONTRACTOR'S SHALL PERFORM ALL WORK IN A SAFE AND ORDERLY MANNER, AVOIDING HAZARDOUS CONDITIONS WHEREVER POSSIBLE.
2. THE CONTRACTOR AND HIS SUBCONTRACTOR'S SHALL ERECT SUITABLE BARRIERS AROUND HAZARDOUS DEMOLITION AND CONSTRUCTION AREAS TO DETOUR PEDESTRIAN TRAFFIC AND PREVENT NORMAL ACCESS TO SUCH AREAS BY UNAUTHORIZED PERSONS.
3. THE CONTRACTOR AND HIS SUBCONTRACTOR'S SHALL PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE SAFETY CODES AND STANDARDS.

SITE SAFETY:

THE ENGINEER/ARCHITECT'S SITE RESPONSIBILITIES ARE LIMITED TO THE ACTIVITIES AS A CONSULTANT. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE METHODS OF WORK PERFORMANCE AND SEQUENCING OF CONSTRUCTION. SITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR AND THE PRESENCE OF THE ENGINEER/ARCHITECT ON SITE SHALL NOT RELIEVE THE CONTRACTOR OF SITE SAFETY NOR SHOULD THE ENGINEER/ARCHITECT'S ACTIVITIES ON THE SITE SUGGEST TO ANY PARTIES ANY RESPONSIBILITY FOR SAFETY.

CONTRACTOR NOTES:

1. THE CONTRACTOR SHALL PROVIDE SUPERVISION AS REQUIRED TO DIRECT THE WORK REQUIRED.
2. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO COMPLETE THE WORK.
3. THE CONTRACTOR SHALL PERFORM ALL WORK AS SHOWN OR IMPLIED IN COMPLIANCE WITH ALL STATE OF FLORIDA AND FEDERAL CODES, RULES, AND REGULATIONS.
4. THE CONTRACTOR SHALL HAVE AND MAINTAIN GENERAL LIABILITY AND WORKERS COMPENSATION INSURANCE THROUGHOUT THE PROJECT AS REQUIRED BY THE CONTRACT AND OWNER.
5. CHANGE ORDERS SHALL BE COMPLETED AND AGREED TO BY ALL PARTIES PRIOR TO ANY CHANGES IN WORK & EXECUTION OF THAT WORK.

PROJECT WARRANTY:

THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE(1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. THIS WARRANTY SHALL COVER ALL WORK PERFORMED BY HIM AND HIS SUBCONTRACTOR.

GENERAL NOTES:

1. THE CONTRACTOR SHALL REPORT TO THE ENGINEER/ ARCHITECT ANY ERROR, INCONSISTENCY, OR OMISSION HE MAY DISCOVER. THE SUBCONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERROR AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE FIELD REPRESENTATIVE. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE PROJECT MANAGER AND ENGINEER/ARCHITECT.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT & TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PERFORMANCE OF THE WORK.
3. EXISTING ELEVATIONS & LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL NOTIFY THE ENGINEER/ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
4. PLANS APPROVED BY THE FLORIDA OFFICE OF STATE FIRE MARSHAL SHALL BE KEPT ON SITE & SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, & CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE JOB IS IN PROGRESS & UNTIL JOB IS COMPLETED.
6. ALL DEBRIS SHALL BE REMOVED FROM THE PREMISES BY RESPONSIBLE CONTRACTOR & ALL AREAS SHALL BE LEFT CLEAN (BROOM) CONDITION AT ALL TIMES.
7. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS & WORKERS AT ALL TIMES.
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER, PHONE, & TOILET FACILITIES AS REQUIRED.
9. ALL DIMENSIONS ARE TO ONE SIDE OF WALL UNLESS SHOWN OTHERWISE. DIMENSIONS TAKE PRECEDENCE OVER DRAWING. DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS. THE ENGINEER AND PROJECT MANAGER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO CONTINUING WITH WORK.
10. ALL CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING BUILDING CODES & ORDINANCES.
11. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS & SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF ANY CONSTRUCTION UNTIL ALL FINISH LOAD CARRYING SYSTEMS ARE COMPLETE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR & SHALL REPLACE OR REMEDY ANY FAULTY, IMPROPER OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE(1) YEAR AFTER THE COMPLETION & ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.
13. GENERAL CONTRACTOR SHALL SEAL ALL FLOOR, WALL & CEILING PENETRATIONS IN ELECTRICAL & MECHANICAL ROOMS. ALL PENETRATIONS OF RATED WALL SYSTEMS SHALL BE SEALED WITH APPROVED FIRE CAULK.
14. GENERAL CONTRACTOR SHALL PROFESSIONALLY CAULK ALL WINDOWS, DOOR FRAMES, MISC., MILL WORK, & ANY DISSIMILAR SURFACES.
15. FOR ADDITIONAL ITEMS NOT COVERED BY THE PLANS PROVIDED BY OWNER & SET UP BY GENERAL CONTRACTOR – SEE SPECIFICATIONS.
16. ALL SUBMITTALS FOR SUBSTITUTIONS SHALL BE ACCOMPANIED BY A CREDIT.
17. ALL ARCHITECTURAL GLAZING MATERIAL & INSTALLATION SHALL COMPLY WITH THE RULES & REGULATIONS OF THE CONSUMER PRODUCT SAFETY COMMISSION.
18. ALL FINISH SURFACES OF WALL & CEILING MATERIALS ARE NOT TO EXCEED A FLAME SPREAD RATING OF 200 & A SMOKE DENSITY RATING OF 450 (PER IBC TABLE 4).
19. MAIN EXIT AISLES SHALL BE A MINIMUM OF 44" IN WIDTH & SECONDARY AISLES TO BE A MINIMUM OF 36" IN WIDTH.
20. ALL EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITH A SINGLE EFFORT WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE. ALL HARDWARE SHALL BE ADA COMPLIANT.
21. INSTALL ILLUMINATED EXIT SIGNS AT ALL EXIT DOORS AS REQUIRED BY LOCAL, STATE, & FEDERAL RULES, REGULATIONS, CODES & ORDINANCES.
22. ALL LANDINGS AT EXTERIOR ARE TO BE FLUSH.

SITE AND BUILDING REQUIREMENTS HC/LI ZONE

FOR THE PURPOSE OF APPLYING ZONING REGULATIONS, THE FRONT LOT LINE OF LOT 4 IS ADJACENT TO FOWLER AVENUE AND THE FRONT LOT LINE OF LOTS 1, 2, 3 & 5 IS ADJACENT TO NINE MILE ROAD.

LOT COVERAGE
THE PERVIOUS AREA SHALL BE AT LEAST 15 PERCENT OF THE TOTAL AREA (A MAXIMUM OF 85 PERCENT MAXIMUM IMPERVIOUS COVER RATIO).

FRONT YARD
THERE SHALL BE A FRONT YARD HAVING A DEPTH OF NOT LESS THAN 15 FEET.

REAR YARD
SIDE YARDS SHALL BE A MINIMUM 10 FEET ON EACH SIDE, INCREASED BY TWO FEET FOR EACH STORY (FLOOR) ABOVE THE THIRD STORY OR FOR EACH 10 FEET IN HEIGHT ABOVE THE FIRST 35 FEET.

MAXIMUM BUILDING HEIGHT
SHALL BE 95 FEET.

This document has been electronically signed and sealed By Foy B Gadberry, PE on May 15, 2018 using a digital signature.

Printed copies of this document are not considered Signed and sealed and the signature must be verified on any electronic copies.

DocuSigned by: Foy B. Gadberry
AB789E629784498

FOY B. GADBERRY
LICENSE No. 62371
STATE OF FLORIDA
PROFESSIONAL ENGINEER
6/7/18

DAVID LANE BEAIRD
& ASSOCIATES, INC.
CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3227
email: lbeaird@dlbengineering.com
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

CITY OF PENSACOLA
ESCAMBIA COUNTY, FLORIDA
AQUA EXPRESS CARWASH

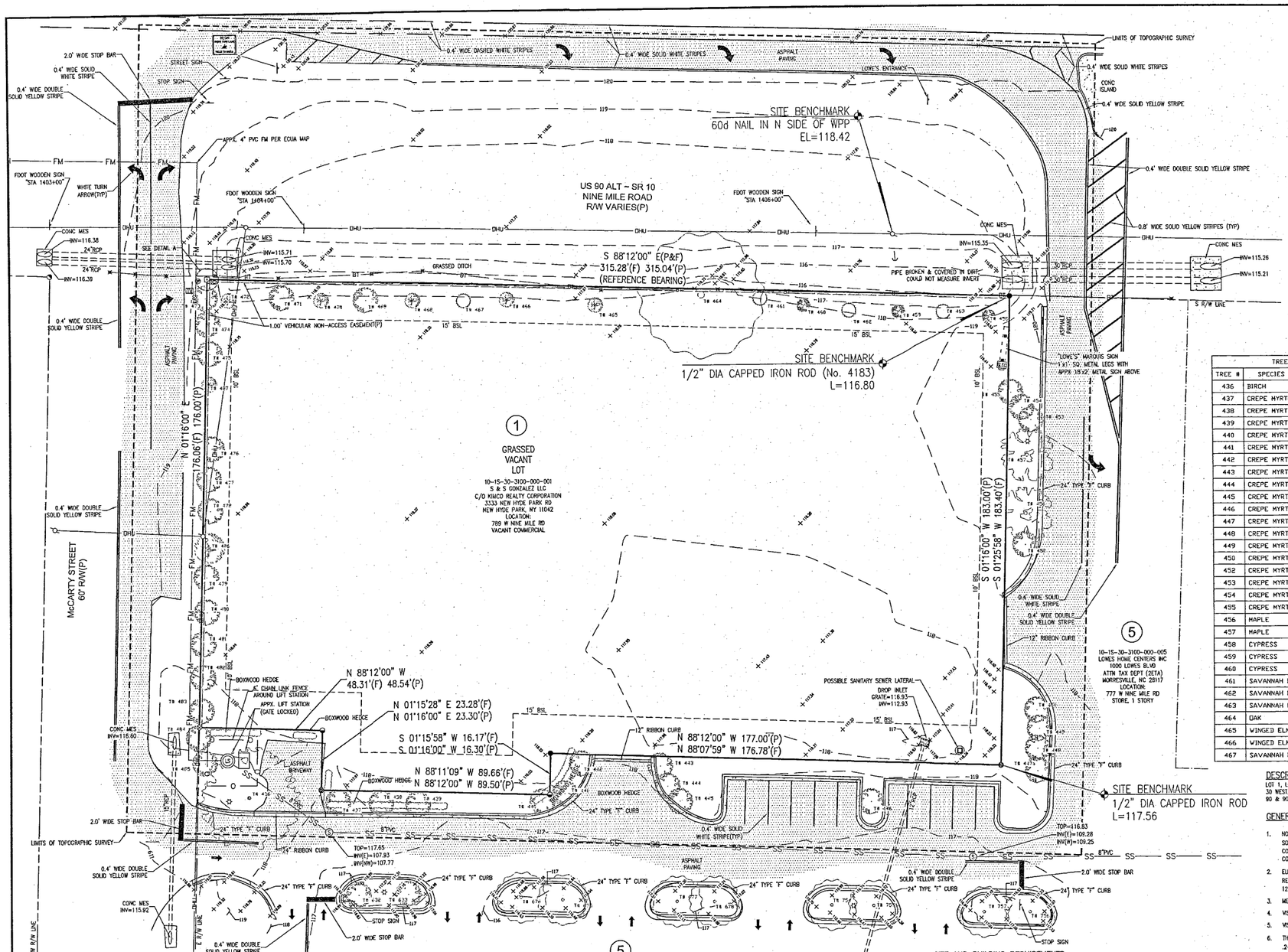
FINAL COMPARISON – 5/9/2018

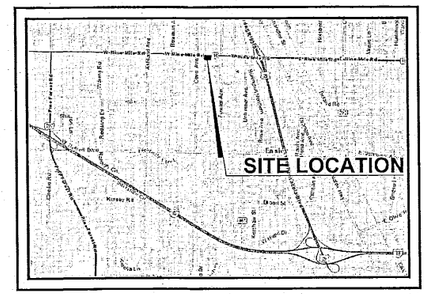
TITLE SHEET

DATE: 05-9-17

T1

JOB No. 170811





VICINITY MAP
NTS

HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)
1 INCH = 20 FT.

TREE SCHEDULE			
TREE #	SPECIES	CANOPY	DIAMETER
436	BIRCH	20'	6"
437	CREPE MYRTLE	10'	2"x4 CLUSTER
438	CREPE MYRTLE	10'	2"x4 CLUSTER
439	CREPE MYRTLE	10'	2"x4 CLUSTER
440	CREPE MYRTLE	10'	2"x4 CLUSTER
441	CREPE MYRTLE	10'	2"x4 CLUSTER
442	CREPE MYRTLE	10'	2"x4 CLUSTER
443	CREPE MYRTLE	10'	2"x4 CLUSTER
444	CREPE MYRTLE	10'	2"x4 CLUSTER
445	CREPE MYRTLE	10'	2"x4 CLUSTER
446	CREPE MYRTLE	10'	2"x4 CLUSTER
447	CREPE MYRTLE	10'	2"x4 CLUSTER
448	CREPE MYRTLE	10'	2"x4 CLUSTER
449	CREPE MYRTLE	10'	2"x4 CLUSTER
450	CREPE MYRTLE	10'	2"x4 CLUSTER
452	CREPE MYRTLE	10'	2"x4 CLUSTER
453	CREPE MYRTLE	10'	2"x4 CLUSTER
454	CREPE MYRTLE	10'	2"x4 CLUSTER
455	CREPE MYRTLE	10'	2"x4 CLUSTER
456	MAPLE	10'	6"
457	MAPLE	10'	6"
458	CYPRESS	5'	4"
459	CYPRESS	5'	4"
460	CYPRESS	5'	4"
461	SAVANNAH HOLLY	6'	4"
462	SAVANNAH HOLLY	6'	4"
463	SAVANNAH HOLLY	6'	4"
464	OAK	25'	20"
465	WINGED ELM	6'	4"
466	WINGED ELM	6'	4"
467	SAVANNAH HOLLY	6'	4"

TREE SCHEDULE			
TREE #	SPECIES	CANOPY	DIAMETER
468	WINGED ELM	6'	4"
469	WAX MYRTLE	10'	4"x4 CLUSTER
470	WINGED ELM	6'	4"
471	WAX MYRTLE	10'	4"x4 CLUSTER
472	WINGED ELM	6'	4"
473	WAX MYRTLE	10'	4"x4 CLUSTER
474	WAX MYRTLE	10'	4"x4 CLUSTER
475	WAX MYRTLE	10'	4"x4 CLUSTER
476	WAX MYRTLE	10'	4"x4 CLUSTER
477	WAX MYRTLE	10'	4"x4 CLUSTER
478	WAX MYRTLE	10'	4"x4 CLUSTER
479	WAX MYRTLE	10'	4"x4 CLUSTER
480	WAX MYRTLE	10'	4"x4 CLUSTER
481	WAX MYRTLE	10'	4"x4 CLUSTER
482	WAX MYRTLE	10'	4"x4 CLUSTER
483	WAX MYRTLE	10'	4"x4 CLUSTER
484	WAX MYRTLE	10'	4"x4 CLUSTER
485	WAX MYRTLE	10'	4"x4 CLUSTER
486	WINGED ELM	12'	6"
487	WINGED ELM	6'	4"
632	WAX MYRTLE	10'	4"x4 CLUSTER
633	WAX MYRTLE	10'	4"x4 CLUSTER
675	OAK	10'	4"
676	OAK	10'	4"
677	OAK	10'	4"
678	OAK	10'	4"
754	OAK	10'	6"
755	OAK	10'	6"
756	OAK	10'	6"
757	OAK	10'	6"

LEGEND:

⊗	SET 1/2" DIA CAPPED IRON ROD (NO. 7483)
◔	FOUND 1/2" DIA CAPPED IRON ROD (NO. 7143)
◒	FOUND 5/8" DIA CAPPED IRON ROD (NO. 7143)
●	FOUND 5/8" DIA CAPPED IRON ROD (ILLEGIBLE)
●	FOUND 5/8" DIA CAPPED IRON ROD (UNNUMBERED)
▣	FOUND 4"X4" CONCRETE MONUMENT (UNNUMBERED)
✣	SET BENCHMARK
-O-	CHAIN LINK FENCE
OHU	OVERHEAD UTILITIES
BT	BURIED FIBER OPTIC CABLE
SS	SEWER LINE
FM	SEWER FORCE MAIN
	SURVEY LIMITS
DI	DROP INLET
Ⓢ	SEWER MANHOLE
LS	LIFT STATION
EP	ELECTRIC PANEL
FOC	BURIED FIBER OPTIC CABLE MARKER
TV	TELEPHONE VAULT
TP	TELEPHONE PEDESTAL
←	GUY WIRE ANCHOR
⌀	WOOD UTILITY POLE
☆	8" DIA METAL LIGHT POLE ON 24" DIA CONC BASE
⊠	UTILITY SPOT LOCATION
⊕	4" x 4" SQUARE POST WITH 8" PVC COLLAR
⊢	SINGLE SUPPORT SIGN
◯	TREE (SIZE AND TYPE NOTED)
(1)	LOT NUMBER
+ 6.00	SPOT ELEVATION
100	ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

ALT	ALTERNATE	No.	NUMBER
APPX	APPROXIMATE LOCATION OF	NTS	NOT TO SCALE
BOC	BACK OF CURB	(P)	PLAT INFORMATION
BM	BENCHMARK	PB	PLAT BOOK
BSL	BUILDING SETBACK LINE	PG	PAGE
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE PIPE
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
ECUA	EMERALD COAST UTILITIES AUTHORITY	R/W	RIGHT-OF-WAY
EOP	EDGE OF PAVEMENT	SQ	SQUARE
EL	ELEVATION	SR	STATE ROAD
(F)	FIELD INFORMATION	(P)	TYPICAL FEATURE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	U.S.	UNITED STATES HIGHWAY
FM	SEWER FORCE MAIN	WPP	WOOD POWER POLE
INV	INVERT		
MES	MITERED END SECTION		
NAVD 88	NORTH AMERICAN VERTICAL DATUM 1988		

SITE AND BUILDING REQUIREMENTS:

FOR THE PURPOSES OF APPLYING ZONING REGULATIONS THE FRONT LOT LINE OF LOT 1 IS ADJACENT TO NINE MILE ROAD.
LOT COVERAGE: THE PERVIOUS AREA SHALL BE AT LEAST 15 FEET OF THE TOTAL AREA (A MAXIMUM OF 85 PERCENT MAXIMUM IMPERVIOUS COVER RATIO)
FRONT YARD: THERE SHALL BE A FRONT YARD HAVING A DEPTH OF NOT LESS THAN 15 FEET.
REAR YARD: THERE SHALL BE A REAR YARD HAVING A DEPTH OF NOT LESS THAN 15 FEET.
SIDE YARD: THERE SHALL BE A MINIMUM 10 FEET ON EACH SIDE, INCREASED BY TWO FEET FOR EACH STORY (FLOOR) ABOVE THE THIRD STORY OR FOR EACH 10 FEET IN HEIGHT ABOVE THE FIRST 35 FEET.
MAXIMUM BUILDING HEIGHT: 95 FEET

TREE LEGEND:

CREPE MYRTLE · MAPLE · CYPRESS · SAVANNAH HOLLY · OAK · WINGED ELM · BIRCH

DESCRIPTION:

LOT 1, LOWE'S AT ENSLEY, A COMMERCIAL SUBDIVISION OF A PORTION OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 18, AT PAGES 90 & 90A, OF THE PUBLIC RECORDS OF SAID COUNTY.

GENERAL NOTES:

1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE PLAT BEARING OF S 88°12'00" E ALONG THE SOUTHERLY R/W LINE OF NINE MILE ROAD (SR 10 & US 90 ALT) AS SHOWN ON THE PLAT OF LOWE'S AT ENSLEY, A COMMERCIAL SUBDIVISION, AS RECORDED IN PLAT BOOK 18, AT PAGES 90 & 90A, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; DEEDS OF RECORD AND EXISTING FIELD MONUMENTATION.
2. ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE REFERENCED TO THE COAST AND GEODETIC SURVEY BENCHMARK J 302 (PID: BG0134) HAVING A PUBLISHED ELEVATION OF 125.79 FEET.
3. MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND ARE EXPRESSED IN DECIMAL OF FEET.
4. VISIBLE UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HEREON.
5. VISIBLE IMPROVEMENTS ARE AS SHOWN HEREON.
6. THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN 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 DETERMINE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBER 12033C0295G, REVISION DATED SEPTEMBER 29, 2006.
7. GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, TREE LINES, UTILITIES ETCETERA MAY BE EXAGGERATED IN SIZE FOR CLARITY PURPOSES. DIMENSIONS TO EXAGGERATED FEATURES WILL SUPERSEDE SCALED MEASUREMENTS.
8. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
9. THE SURVEYING BUSINESS CERTIFICATE OF AUTHORIZATION NUMBER FOR JEHLE-HALSTEAD, INC. IS LB. 7483.
10. THIS SURVEY DOES NOT REPRESENT NOR GUARANTEE OWNERSHIP.
11. THE IS NO DEED RECORDED PER THE ESCAMBIA COUNTY PROPERTY APPRAISER WEBSITE FOR SAID PARCEL (ACCOUNT No. 020197205, PARCEL ID No. 101S3031000000D01)
12. THIS SURVEY IS CERTIFIED TO:
    - DEVIN ENTERPRISES, LLC, A LOUISIANA LIMITED LIABILITY COMPANY DOING BUSINESS IN FLORIDA AS DEVIN ENTERPRISES FLORIDA, LLC
    - CHARTER BANK
    - MCDONALD FLEMING MOORHEAD
    - FIRST AMERICAN TITLE INSURANCE COMPANY
    - FLORIDA FIRST CAPITAL FINANCE CORPORATION
    - U.S. SMALL BUSINESS ADMINISTRATION
    - OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
    - WILLIAM R. HUSEMAN, P.A.

NOTE: UNLESS STATED OTHERWISE, NO TITLE SEARCH HAS BEEN FURNISHED NOR PERFORMED BY THE UNDERSIGNED TO DETERMINE ANY DEFECTS IN TITLE, THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP. ANY EASEMENTS OR RIGHTS-OF-WAY SHOWN HEREON ARE FROM INFORMATION FURNISHED BY OTHERS UNLESS IT BEARS THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID

jehle-halstead, inc.
Civil Engineering and Surveying
5414 Highway 90 - Milton, Florida 32570
(850) 994-9503 - Fax (850) 994-9504
www.jehle-halstead.com
Certificate of Authorization #0000669
Surveying License Number: LB7483

BOUNDARY AND TOPOGRAPHIC SURVEY
789 NINE MILE ROAD
PENSACOLA, FLORIDA
SECTION 10 TOWNSHIP 1S RANGE 30W
ESCAMBIA COUNTY, FLORIDA

SURVEYORS CERTIFICATE
I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON IS CORRECT AND COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING PER CHAPTER 5J-17.050, 5J-17.051 AND 5J-17.052, FLORIDA ADMINISTRATIVE CODE (F.A.C.) PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

DATE

STEPHEN C. SGRO SEITAH
PROFESSIONAL LAND SURVEYOR, LICENSE NO. 4208

Valid only with embossed seal

Revisions	
Date	Description
10/13/17	SETBACKS (SGR)
11/27/17	TREE CHART
4/17/18	ADDED CERTIFICATIONS
4/19/18	COUNTY COMMENTS

Designed By: -
Drawn By: JDC
Checked By: SGR
Job No.: 170058
Date: 10/12/2017
Scale: 1" = 20'

FIELD DATE: 10/10/17
CREW: RG/CJ
CREW:
FB RGT PG 44-46
FB RGT PG 50-52

STRUCTURAL GENERAL NOTES

DESIGN CRITERIA

CODES AND STANDARDS

A. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE (ACI), ACI 318-05.
B. MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES, ASCE 7-05.
C. INTERNATIONAL BUILDING CODE (IBC), 2009 EDITION
D. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURE, ACI 530
E. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) STEEL CONSTRUCTION MANUAL, 13TH EDITION

1.0 MINIMUM DESIGN LOADS AND REQUIREMENTS IN ACCORDANCE WITH IBC, 2009

OCCUPANCY CATEGORY ---------- II
FLOOR LIVE LOADS:
FLOOR LIVE LOAD (SLAB ON GRADE) ---------- 100 PSF *
ROOF LIVE LOAD ---------- 20 PSF
** ROOF LIVE LOAD REDUCTION ALLOWED AS PER IBC
MISC. COLLATERAL DEAD LOAD ---------- 5 PSF
CRANE LIVE LOAD ---------- NOT APPLICABLE
CRANE WHEEL LOAD ---------- NOT APPLICABLE
VERTICAL IMPACT FORCE ---------- NOT APPLICABLE
CRANE LATERAL LOAD ---------- NOT APPLICABLE
CRANE LONGITUDINAL LOAD ---------- NOT APPLICABLE
GROUND SNOW LOAD ---------- 5 PSF

WIND DESIGN DATA:
BASIC WIND SPEED ---------- 150 MPH
WIND IMPORTANCE FACTOR ---------- 1.0
WIND EXPOSURE ---------- B
INTERNAL PRESSURE COEFFICIENT ---------- ± .18
COMPONENTS AND CLADDING DESIGN PRESSURE ---------- SEE TABLE 1, THIS SHEET

FLOOD DESIGN DATA ---------- NOT APPLICABLE

SPECIAL LOADS: ---------- NOT APPLICABLE
SPECIAL SEISMIC INSPECTION ---------- SEE 8.0

2.0 MATERIALS

CONCRETE (28-DAY STRENGTH):
CONCRETE EXPOSED TO WEATHER ---------- 3000 PSI
FLOOR SLABS ---------- 3500 PSI
ALL OTHERS ---------- 3000 PSI

REINFORCING:
BARS ---------- ASTM A615/A615M
WELDED WIRE FABRIC ---------- ASTM A185

STRUCTURAL STEEL SHAPES, PLATES AND MISCELLANEOUS SHAPES:

APPLICABLE SHAPE SERIES	ASTM DESIGNATION	MIN. YIELD STRESS (FY) (KSI)
W	A992	50
M	A36	36
S	A36	36
C	A36	36
MC	A36	36
L	A36	36
HSS (RECTANGLE)	A500	50
HSS (ROUND)	A500	42
PIPE	A53	35
PLATES	A36	36
PLATES	A572	50
BARS	A572	42

BOLTS:
BOLTS ---------- ASTM A325, BEARING TYPE N

CONCRETE MASONRY UNITS:
HOLLOW LOAD BEARING UNITS ---------- ASTM C90

MORTAR:
MORTAR SHALL BE TYPE S CONFORMING TO ASTM C270. ALL GROUT SHALL BE PUDDLED OR VIBRATED IN PLACE.

ANCHOR RODS:
ANCHOR RODS ---------- ASTM F1554, GRADE 36

GROUT:
GROUT ---------- 5 KSI

3.0 CAST-IN-PLACE CONCRETE NOTES

3.1 CONCRETE COVER FOR REINFORCEMENT:
A. CONCRETE DEPOSITED AGAINST AND PERMANENTLY EXPOSED TO EARTH ---------- 3"
B. CONCRETE EXPOSED TO EARTH OR WEATHER:
#5 BARS OR SMALLER ---------- 1 1/2"
#5 BARS OR LARGER ---------- 2"
C. CONCRETE NOT EXPOSED TO WEATHER OR NOT IN CONTACT WITH GROUND:
SLABS, WALLS, AND JOISTS ---------- 1"
BEAMS ---------- 1 1/2"

3.2 UNLESS SPECIFICALLY NOTED, SCHEDULED OR DETAILED OTHERWISE PROVIDE DEVELOPMENT LENGTH FOR REINFORCING IN CONCRETE COMPONENTS IN ACCORDANCE WITH THE SCHEDULE IN NOTE 3.3 BELOW. THIS SCHEDULE SHALL APPLY TO ALL DEVELOPMENT LENGTHS NOT OTHERWISE NOTED, DETAILED OR SCHEDULED IN THE DRAWINGS OR SPECIFICATIONS.

3.3 REINFORCING BAR DEVELOPMENT LENGTHS Ld (f'c = 4000 PSI)

BAR SIZE GRADE 60	DEVELOPMENT LENGTH	BAR SIZE GRADE 60	DEVELOPMENT LENGTH
#3	14	#7	42
#4	19	#8	47
#5	24	#9	53
#6	28	#10	59

NOTE: THIS TABLE IS BASED ON BAR CLEAR SPACING OF 2 BAR DIAMETER MIN. FOR BAR CLEAR SPACING LESS THAN 2 BAR DIAMETER, MULTIPLY THE ABOVE VALUES BY 2.0.

3.4 LAP SPLICE LENGTHS FOR REINFORCING BARS SHALL BE THE SAME AS TABLE IN NOTE 3.3 ABOVE. WHEN TWO BARS OF DIFFERENT SIZES ARE LAPPED, THE SMALLER SIZE GOVERNS THE LAP LENGTH UNLESS SPECIFICALLY NOTED OTHERWISE.

3.5 WHEN REINFORCING STEEL IS NOTED AS CONTINUOUS REINFORCING IN GRADE BEAMS, WALLS, SLABS AND/OR BEAMS, SPLICE CONTINUOUS REINFORCING STEEL ONLY WHEN UNAVOIDABLE DUE TO STOCK LENGTHS. STAGGER ALL SPLICES A MINIMUM OF 4'0". ADJACENT BAR SPLICES ARE NOT ACCEPTABLE. LOCATE THE TOP BAR SPLICES WITHIN THE MIDDLE HALF OF THE SPAN AND LOCATE THE BOTTOM BAR SPLICES AT SUPPORTS, OR BETWEEN SUPPORTS AND 1/3 SPAN POINT, UNLESS NOTED OTHERWISE ON PLANS, DETAILS OR SCHEDULES.

3.6 HORIZONTAL WALL REINFORCEMENT SHALL BE CONTINUOUS AND SHALL HAVE 90-- DEGREE BENDS AND EXTENSIONS, OR CORNER BARS OF EQUIVALENT SIZE LAPPED 42 BAR DIAMETERS AT CORNERS AND INTERSECTIONS.

3.7 HORIZONTAL JOINTS WILL NOT BE PERMITTED IN CONCRETE CONSTRUCTION EXCEPT AS SHOWN ON THE DRAWINGS. VERTICAL JOINTS SHALL OCCUR AT LOCATIONS INDICATED.

3.8 AT CONSTRUCTION JOINTS, CONTACT SURFACES SHALL BE CLEAN AND FREE OF LATENCIES AND INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF APPROXIMATELY 1/4 INCH

3.9 PROVIDE FULL EMBEDMENT WITH 90-DEGREE HOOKS FOR ALL DOWELS IF NOT OTHERWISE NOTED.

3.10 CHAMFER ALL EXPOSED TO VIEW CORNERS 3/4", U.N.O.

4.0 MASONRY:

4.1 CMU UNITS AND MORTAR SHALL BE ACI COMPLIANT. PROVIDE #5 REINFORCING AT INTERSECTIONS OF WALLS THREE CELLS. PROVIDE THREE(3) FILLED CELLS UNDER EACH MACHINE RAIL SUPPORT FRAME END.

4.2 FILL TWO (2) CELLS WITH MORTAR W/#5 REINFORCING ADJACENT TO EACH DOOR OPENING (EA SIDE).

5.0 STRUCTURAL STEEL NOTES

5.1 DIMENSIONING: TO CENTERLINES OF COLUMNS AND BEAMS AND TO TOP SURFACES TO TOP FLANGES OF BEAMS, AND BACKS OF CHANNELS AND ANGLES, UNLESS SHOWN OTHERWISE.

5.2 ELEVATIONS: REFER TO TOP SURFACE OF FLANGE OR MEMBER, UNLESS SHOWN OTHERWISE.

5.3 WELD SIZES NOT INDICATED ON DRAWINGS: PROVIDE MINIMUM ⅛" WELD CONNECTIONS IN ACCORDANCE WITH AISC. WELD IN ACCORDANCE WITH AWS REQUIREMENTS.

5.4 STRUCTURAL OR MISCELLANEOUS STEEL: STRUCTURAL OR MISCELLANEOUS STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR BUILDINGS. SHOP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE MADE WITH MINIMUM ¾" DIAMETER ASTM A325 TYPE N BOLTS, UNLESS OTHERWISE NOTED. PROVIDE 4x4x¼ ANGLE FRAMES FOR OPENINGS IN ROOF, UNLESS OTHERWISE NOTED. FRAMES TO BE WELDED TO SUPPORTING MEMBERS.

6.0 FOUNDATION AND STRUCTURAL SLAB:

6.1 FOUNDATION OF STRUCTURES WILL CONSIST OF SPREAD AND STRIP FOOTINGS. FOOTINGS ARE DESIGNED FOR A MAXIMUM BEARING PRESSURE OF 2,000 PSF. THE CONTRACTOR SHALL VERIFY THE BEARING CAPACITY.

6.2 CONSTRUCTION OF STRUCTURE FOUNDATIONS AND PAVEMENTS WILL REQUIRE THE COMPACTION OF THE SOILS TO 95% DENSITY STD PROCTOR (MIN).

6.3 SLABS ON GRADE WILL BE CONSTRUCTED AS INDICATED ON THE TYPICAL SLAB ON GRADE DETAILS. CONSTRUCTION JOINTS, EXPANSION JOINTS AND CONTROL JOINTS SHALL BE PROVIDED IN THE SLABS ON GRADE AS REQUIRED BY THE JOINT LAYOUT PLAN AND THE TYPICAL JOINT DETAILS.

6.4 ALL SLABS ON GRADE SHALL BE CONSTRUCTED WITH A 4 INCH CAPILLARY WATER BARRIER AND A 6 MILL VAPOR BARRIER.

7.0 GENERAL:

7.1 WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL ONLY APPLY TO LIKE OR SIMILAR CONDITIONS.

8.0 SPECIAL INSPECTIONS:

8.1 NOT APPLICABLE

9.0 COMPONENTS AND CLADDING:

TABLE 1
DESIGN WIND PRESSURES FOR COMPONENTS & CLADDING (PSF)

TYPE	WIND ZONE	LOAD CASE	EFFECTIVE WIND AREA (SQ. FT.) 10	20	50	100	500
GABLE ROOF θ < 7 DEGREES	1,2 & 3	POSITIVE	4.6	3.9	3.5	3.1	
	1	UPLIFT	-15.4	-15	-14.7	-13.9	
	2	UPLIFT	-27.8	-23.9	-20.8	-17.0	
	3	UPLIFT	-43.2	-36.2	-24.7	-17.0	
WALLS	4, 5	INWARD	15.4	14.6	13.9	13.1	10.8
	4	OUTWARD	-17.0	-16.2	-14.6	-13.9	-12.3
	5	OUTWARD	-21.6	-20.4	-17.7	-16.2	-12.3

NOTES:
1. DESIGN WIND PRESSURES INDICATED SHALL BE USED IN THE DESIGN OF ALL COMPONENTS & CLADDING ELEMENTS COMPRISING THE BUILDING ENVELOPE.
2. POSITIVE PRESSURES ACT INWARD, TOWARD THE WIND SURFACE. NEGATIVE PRESSURES ACT OUTWARD, AWAY FROM THE WIND SURFACE.
3. PRESSURES GIVEN ARE UNFACTORED AND INCLUDE NO GRAVITY LOADS. FOR DESIGN PURPOSES USE 15 PSF DEAD LOAD.
4. LINEAR INTERPOLATION IS PERMITTED FOR INTERMEDIATE EFFECTIVE WIND AREAS.

10.0 CONSTRUCTION OBSERVATIONS:

10.1 THE ENGINEER SHALL MAKE PERIODIC CONSTRUCTION OBSERVATIONS FOR VERIFICATION OF THE CONSTRUCTION OF THE BUILDING. THIS IN NO WAY RELIEVES THE CONTRACTOR OF THE RESPONSIBILITY OF INSURING THE COMPLIANCE OF CONSTRUCTION WITH THE DESIGN DOCUMENTS, LOCAL, STATE, AND FEDERAL CODES, REGULATIONS, ORDINACES, OR OTHER REQUIREMENTS THAT ARE APPLICABLE TO THE PROJECT AND CONSTRUCTION METHODS AND MEANS.

GENERAL NOTE:

CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING ANY WORK .

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
@	AT
AHU	AIR HANDLING UNIT
AWS	AMERICAN WELDING SOCIETY
BC	BOTTOM CHORD
bf	FLANGE WIDTH
BFF	BELOW FINISHED FLOOR
BOT. OR B	BOTTOM OR BOTTOM MOST
BRG	BEARING
CJ OR CONST. JT.	CONSTRUCTION JOINT
℄	CENTERLINE
C.G.	CENTER OF GRAVITY
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
D	DEPTH
DIA.	DIAMETER
db	BAR DIAMETER
DCJ	DOWELED CONTROL JOINT
DL.	DEAD LOAD
DWG.	DRAWING
EL.	ELEVATION
EQ.	EQUALLY
E.S.	EACH SIDE
E.W.	EACH WAY
EXP.	EXPANSION
FD	FLOOR DRAIN
FIN.	FINISHED, FINISH
F.F.	FINISHED FLOOR
GALV.	GALVANIZED
GR	GALVANIZED STEEL GRATING
HSS	HOLLOW STEEL SECTION
I_P	POSITIVE MOMENT OF INERTIA
I_N	NEGATIVE MOMENT OF INERTIA
JST	JOIST
JT.	JOINT
K	KIP (KILO POUND)
KSF	KIPS PER SQUARE FOOT
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MIN.	MINIMUM
NO. OR #	NUMBER
O.C.	ON CENTER
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
RP	RADIUS POINT
REQ'D	REQUIRED
S_P	POSITIVE SECTION MODULUS
S_N	NEGATIVE SECTION MODULUS
SCH	SCHEDULE
SJ	SAW JOINT
STIFF.	STIFFENER
T	TRUSS
t	THICKNESS
TC	TOP CHORD
T.O.C.	TOP OF COLUMN
T.O.S.	TOP OF STEEL
TYP.	TYPICAL
U.N.O.	UNLESS OTHERWISE NOTED
W/	WITH
WWF	WELDED WIRE FABRIC
W.P.	WORKING POINT

LEGEND

(±) PLUS OR MINUS
CENTER LINE
0'0" FINISHED ELEVATION
4 KEYED NOTE
AHU OUTLINE OF MECHANICAL EQUIPMENT
CONCRETE PIER & PEDESTAL
1 / S201 ELEVATION, DETAIL OR SECTION / SHEET DRAWN

This document has been electronically signed and sealed By Foy B Gadberry, PE on May 15, 2018 using a digital signature.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/15/18

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FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

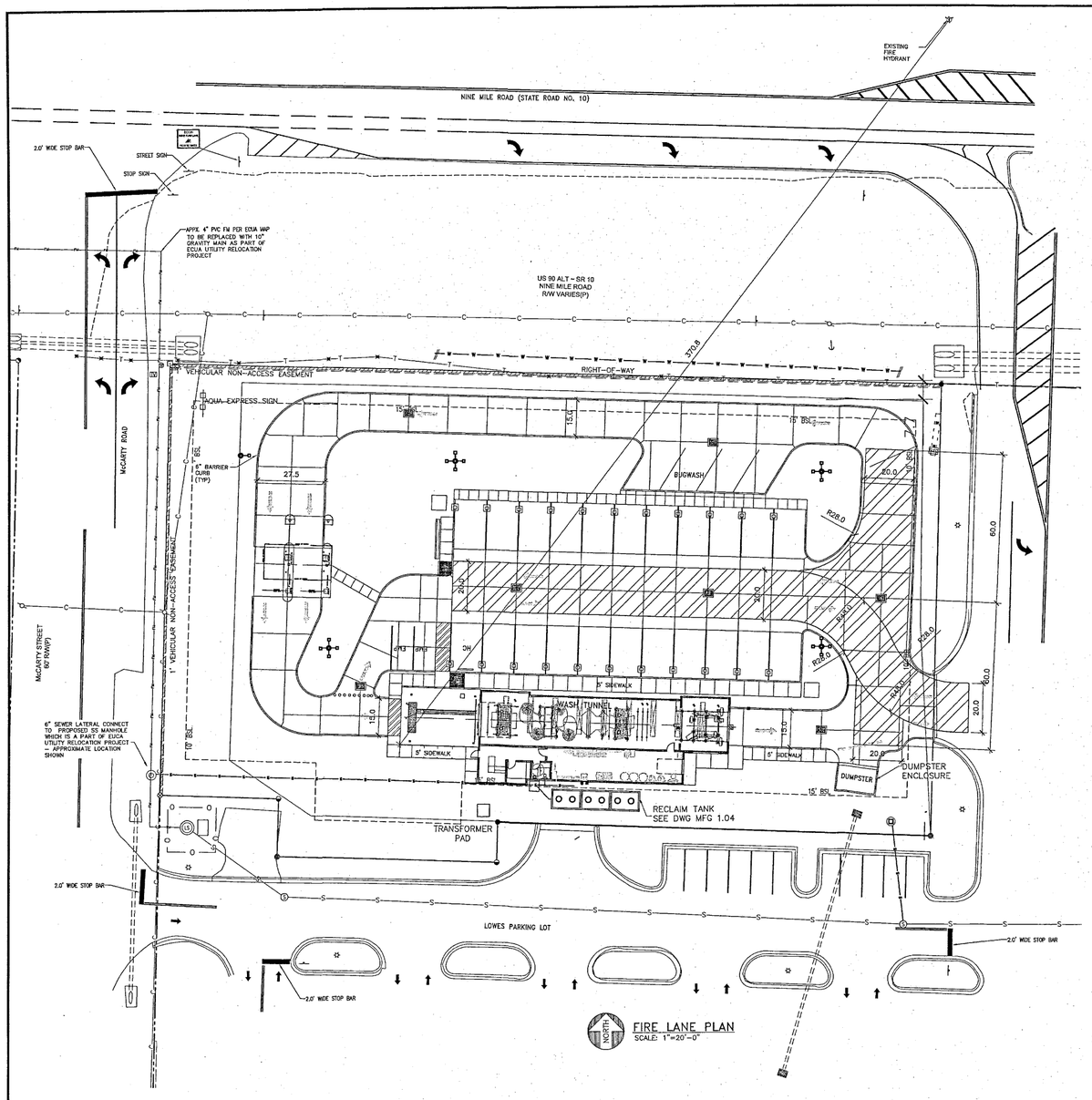
FINAL COMPARISON - 5/9/2018

GENERAL NOTES

DATE: 08-28-17

GN1.0

JOB No. 170811



FIRE LANE NOTES

1. CURBS LOCATED IN EITHER SIDE OF A FIRE LANE SHALL BE PAINTED RED OR A RED STRIPE SHALL BE PLACED ALONG THE PAVEMENT WHERE THERE IS NO CURB. WHERE A FIRE LANE PASSES BETWEEN HEAD IN SPACES, THE RED STRIPE SHOULD BE PLACED ALONG THE REAR OF THESE SPACES CLEARLY DEFINING THE FIRE LANE. PAINTED CURBS AND FIRE LANE STRIPES SHALL ALSO BE CONSPICUOUSLY AND LEGIBLY MARKED WITH THE WARNING "FIRE LANE--TOW AWAY ZONE IN WHITE LETTERS AT LEAST THREE (3) INCHES IN HEIGHT, AT INTERVALS NOT EXCEEDING FIFTY (50) FEET. WHERE FIRE LANES ARE CLEARLY DEFINED BY CURB/PAVEMENT STRIPING, FIRE LANE SIGNS ARE NOT REQUIRED. FIRE LANE SIGNS SHOULD BE PLACED EVERY SEVENTY FIVE (75) FEET ALONG ANY FIRE LANE WHERE PAVEMENT OR CURB STRIPING IS NOT PRACTICAL.
2. ANY COLOR OTHER THAN RED MAY BE USED IN NOT PARKING AREAS THAT ARE NOT APPROVED FIRE LANES. RED COLORED CURBS, PAVEMENT STRIPING SHALL USED ONLY TO DESIGNATE APPROVED FIRE LANES.

FIRE LANE STRIPING

1. FIRE LANES/FIRE APPARATUS ACCESS ROADS SHALL BE MARKED ON THE CURBS OT PAVEMENT WITH A RED STRIPE 4" IN WIDTH AND STENCILED EVERY FIFTY FEET IN WHITE LETTERS AT LEAST 3" IN HEIGHT WITHTHE WORDS, "FIRE LANE NO PARKING/TOW AWAY ZONE" SO AS TO PREVENT PARKING IN THE AREA.
2. WHERE STRIPING IS NOT PRACTICAL AN APPROVED FIRE LANE SIGN SHALL BE PLACED EVERY SEVENTY FIVE (75) FEET.

FIRE LANE SIGN NOTES

1. AT THE BEGINNING AND END OF THE FIRE LANE, THE SIGN SHALL HAVE A SINGLE HEADED ARROW POINTING IN THE DIRECTION THE REGULATION IS INEFFECT. THE INTERMEDIATE SIGNS SHALL HAVE A DOUBLE HEADED ARROWS POINTING IN BOTH DIRECTIONS.
2. THE MAXIMUM SPACING OF THE SIGNS SHALL BE 75', CONTIGENT UPON TRAFFIC ENGINEERING REVIEW AND APPROVAL.
3. THE SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30 DEGREES NOT MORE THAN 45 DEGREES WITH THE CURB OR LINE OF TRAFFIC FLOW.
4. THE CLEARANCE TO THE BOTTOM OF THE SIGN SHALL BE 7 FEET. THERE SHALL BE NO OTHER SIGNS ATTACHED TO THE SIGN OR THE SIGN POLE.
5. THE SIGN PLATE SHALL BE A MINIMUM OF 12"X18" WITH A THICKNESS OF 0.80".
6. THE SIGNS AND POST SHALL BE CONSTRUCTED AND TO THE DIMENSIONS REQUIRED BY THE ESCAMBIA COUNTY FIRE CODE.

This document has been electronically signed and sealed By Foy B Gadberry, PE on May 15, 2018 using a digital signature.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

Foy B. Gadberry 5/15/18

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CITY OF PENSACOLA

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

FIRE LANE PLAN

FINAL COMPARISON - 5/9/2018

DATE: 08-28-17

FL1.0

JOB No. 170811

EXISITNG LANDSCAPING NOTE:

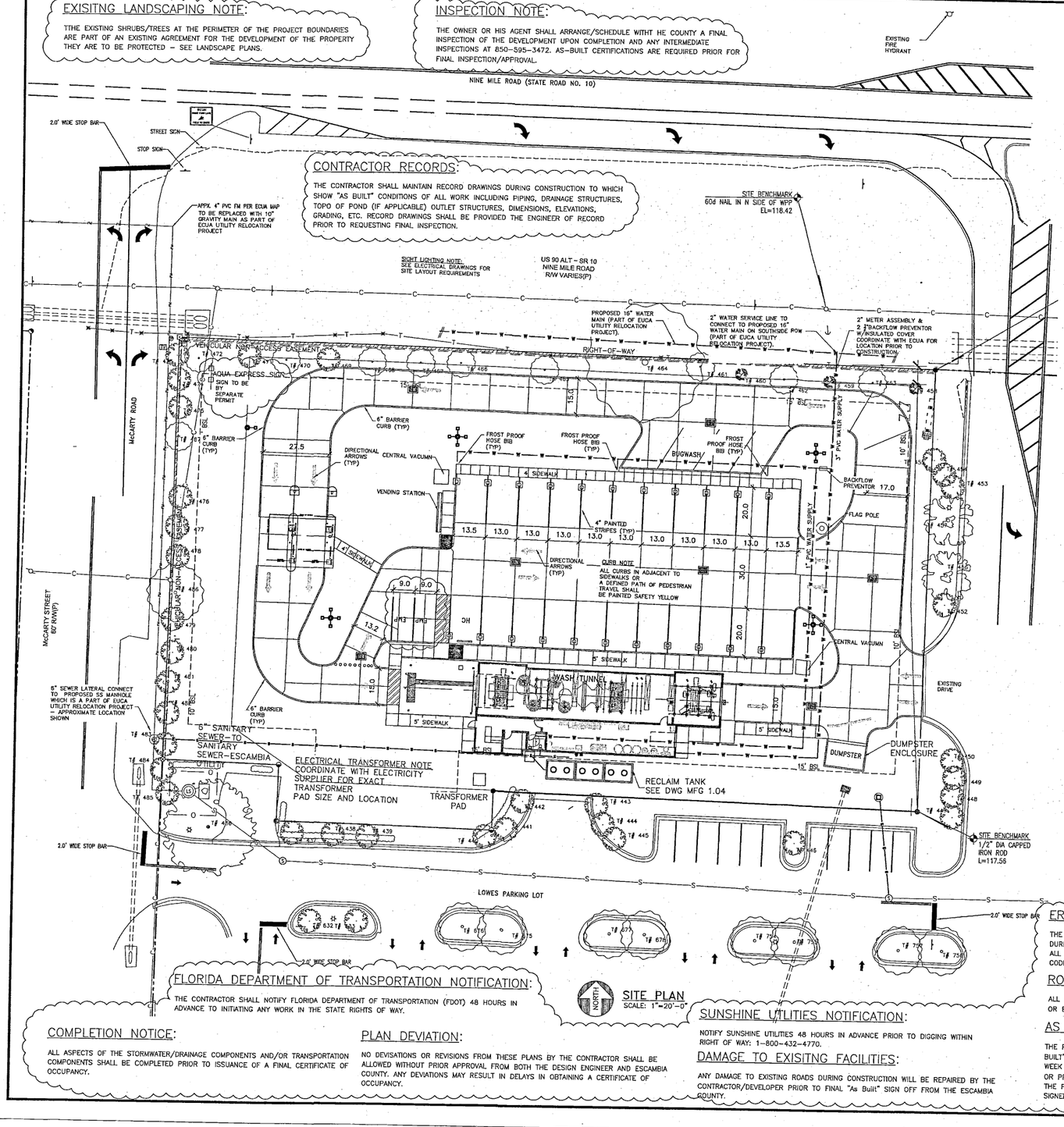
TTHE EXISTING SHRUBS/TREES AT THE PERIMETER OF THE PROJECT BOUNDARIES ARE PART OF AN EXISTING AGREEMENT FOR THE DEVELOPMENT OF THE PROPERTY THEY ARE TO BE PROTECTED – SEE LANDSCAPE PLANS.

INSPECTION NOTE:

THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITHT HE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT 850-595-3472. AS-BUILT CERTIFICATIONS ARE REQUIRED PRIOR FOR FINAL INSPECTION/APPROVAL.

CONTRACTOR RECORDS:

THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION TO WHICH SHOW "AS BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND (IF APPLICABLE) OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.



SITE PLAN
SCALE: 1"=20'-0"

FLORIDA DEPARTMENT OF TRANSPORTATION NOTIFICATION:

THE CONTRACTOR SHALL NOTIFY FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) 48 HOURS IN ADVANCE TO INITIATING ANY WORK IN THE STATE RIGHTS OF WAY.

COMPLETION NOTICE:

ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

PLAN DEVIATION:

NO DEVISATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

SUNSHINE UTILITIES NOTIFICATION:

NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT OF WAY: 1-800-432-4770.

DAMAGE TO EXISITNG FACILITIES:

ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR/DEVELOPER PRIOR TO FINAL "As Built" SIGN OFF FROM THE ESCAMBIA COUNTY.

PROPERTY ZONING HC/LI:

GENERAL SITE GRADING NOTES:

1. TOP SOIL TO BE STOCKPILED ONSITE & SPREAD OVER SLOPES UPON COMPLETION OF GRADING.
2. ALL SELECT FILL MATERIAL TO BE FREE OF ORIGINAL MATERIALS & SHALL BE COMPACTED. SELECT MATERIAL SHALL HAVE A PI < 15 & SHALL BE COMPACTED TO 95% DENSITY MODIFIED PROCTOR.
3. ALL EXCESS EXCAVATED MATERIAL TO BE SPREAD ONSITE IN A MANNER NOT TO BLOCK DRAINAGE PATTERNS AS DIRECT BY THE OWNER AUTHURIZED REPRESENITVE.
4. ALL DISTURBED AREAS OF THE SITE SHALL BE SEEDED & FERTILIZED.

FLAG POLE:

THE FLAGPOLE IS TO BE OWNER SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. FIELD LOCATE PER OWNER'S REPRESENATIVE DIRECTION.

SIGNAGE NOTES:

THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL INSTALLATION FOR ALL SIGNS INCLUDING PROVIDING CONDUITS AND CONDUCTORS TO EACH SIGN LOCATION – DIRECTIONAL & ADVERTISEMENT SIGNAGE. THE CONTRACTOR SHALL INSTALL ALL DIRECTIONAL SIGNS. ADVERTISEMENT SIGNS SHALL BE INSTALLED BY SIGN COMPANY BY OWNER. THE CONTRACTOR COORDINATE HIS WORK WITH THE SIGN COMPANY AND THE OWNERS REPRESENATIVE TO INSURE PROPER INSTALLATION.

IRRIGATION NOTES:

THE CONTRACTOR SHALL COORDINATE THE IRRIGATION SYSTEM INSTALLATION AND PROVIDE 4-2" PVC CONDITS EXTENDING 2' PAST THE DRIVEWAY WIDTH. WATER SUPPLY TO BE ROUTED TO THE BUILDING AS DIRECTED BY THE OWNERS REPRESENATIVE AND IRRIGATION CONTRACTOR.

BACKFLOW PREVENTORS

THE CONTRACTOR SHALL SUPPLY & INSTALL BACKFLOW PREVENTORS FOR EACH WATER SUPPLY TO THE PROPOSED FACILITY-ONE ONE 2 1/2" ASSEMBLY. LOCATE PER THE CITY OF PENSECOLA WATER DEPARTMENT AND THE OWNERS REPRESENATIVE. EACH SHALL BE A COMPLETE INSTALLATION PER THE FLORIDA PLUMBING CODE AND SHALL BE PROVIDED WITH INSULATED FIBERGLASS COVERS TO PREVENT FREEZING OR INSTALLED INSIDE A . EQUIPMENT ROOM

GENERAL NOTES:

1. CONTRACTOR TO HAVE EXISTING UTILITIES MARKED BY SUNSHINE 811 PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR TO PROVIDE SIGNAGE PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PER THE FLORIDA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT REQUIREMENTS TO WARN MOTORIST OF CONSTRUCTION ACTIVITIES.
3. CONTRACTOR TO FIELD LOCATE & EXPOSE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

POTABLE WATER NOTE

1" WATER SUPPLY FOR SALES OFFICE & RESTROOMS SHALL BE CONNECTED TO THE 3" SUPPLY LINE.

FINISH PAD NOTE:

CONTRACTOR TO VERIFY INVERT OF SANITARY SEWER SERVICE PRIOR TO COMPLETION OF BUILDING PAD. CONTRACTOR TO ALLOW UPTO A 1' INCREASE IN FINISH PAD ELEVATION WITHOUT ADDITIONAL COMPENSATION.

CURB NOTE

ALL CURBS IN ADJACENT TO SIDEWALKS OR A DEFINED PATH OF PEDESTRIAN TRAVEL SHALL BE PAINTED SAFETY YELLOW

FOUNDATION NOTES:

1. FOUNDATIONS ARE DESIGNED FOR AN ALLOWABLE GROSS BEARING PRESSURE OF 2000 PSF, FOR FOOTING FOUNDED APPROXIMATELY 2 FEET BELOW FINAL GRADE. CONTRACTOR TO VERIFY BEARING CAPACITY OF SOIL.
2. PROTECT PIPES & CONDUITS RUNNING THROUGH WALLS & SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS & GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS & GRADE BEAMS. LOWER FOOTINGS & GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
3. MAINTAIN SUBGRADE & FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED PER GEO.
4. ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT & FILL OPERATIONS & PERFORM FIELD DENSITY & MOISTURE CONTENT TESTS TO VERIFY COMPACTION & APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.
5. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
6. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES & TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.
7. KEEP OPEN EXCAVATIONS AROUND BUILDING PERIMETER DRY. BACK FILL AGAINST FOUNDATIONS & GRADE BEAMS AS SOON AS PRACTICAL. PUMP WATER OUT & DRY OPEN EXCAVATIONS, IF FLOODED PRIOR TO BACKFILLING.

BUILDING PAD PREPARATION NOTES:

1. THE AREAS TO RECEIVE SELECT FILL SHALL BE STRIPPED OF ALL VEGETATION, EXISTING FILL, & SOFT OR DISTURBED SOILS. THE EXCAVATED AREA SHALL BE OBSERVED BY THE SOILS ENGINEER PRIOR TO PLACING DENSITY-CONTROLLED SELECT CLAYEY FILL-EXCAVATE FOUR FEET BELOW FINISHED FLOOR AND FILL WITH SELECT FILL MATERIAL COMPACTED TO 95% DENSITY MOD PROCTOR.
2. ENTIRE SITE SHALL BE PROOF ROLLED WITH FULLY LOADED TANDEM AXLE DUMP TRUCK. ALL AREAS THAT ARE OBSERVED TO RUT OR DEFLECT SHALL BE REMOVED, BACKFILLED WITH SELECT MATERIAL WITH A PI 418, AND COMPACTED TO 95% DENSITY STD PROCTOR.
3. THE EXPOSED GRADE SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES, MOISTENED TO A CONTENT OF -2 TO +4 PERCENT OF OPTIMUM & RECOMPACTED TO A MINIMUM OF 95% OF THE ASTM D-698.
4. SELECT FILL, CONSISTING OF SOIL APPROVED BY A SOILS ENGINEER, SHALL BE PLACED IN COMPACTED LAYERS WITH SUITABLE COMPACTION EQUIPMENT.
6. PLACE SUBSEQUENT LIFTS OF SELECT FILL IN THIN HORIZONTAL LAYERS NOT EXCEEDING EIGHT INCHES ON LOOSE THICKNESS & COMPACT EACH LIFT TO AT LEAST 95% OF ASTM D-698. MAINTAIN MOISTURE WITHIN TWO PERCENT BELOW TO FOUR PERCENT ABOVE THE THEORETICAL OPTIMUM.
7. FIELD OBSERVATION & TESTING SHALL BE PERFORMED BY THE SOILS ENGINEER DURING GRADING TO ASSIST THE CONTRACTOR IN OBTAINING THE REQUIRED DEGREE OF COMPACTION & THE PROPER MOISTURE CONTENT. WHERE COMPACTION IS LESS THAN REQUIRED, ADDITIONAL COMPACTIVE EFFORT SHALL BE MADE WITH ADJUSTMENT OF THE MOISTURE CONTENT, AS NECESSARY, UNTIL 95% COMPACTION IS OBTAINED.
8. FINE GRAINED, LOW COHESION SOILS OF THE TYPE SPECIFIED FOR SELECT FILL MAY BE COMPACTED USING RUBBER-TIRED, AND/OR PNEUMATIC ROLLERS, & STRICT MOISTURE CONTROL.
9. VEGETATION OR ASSOCIATED ROOT SYSTEM LOCATED WITHIN THE AREA TO BE GRADED SHALL BE REMOVED DURING GRADING. ANY EXISTING OR ABANDONED UTILITIES LOCATED WITHIN THE AREA SHALL BE REMOVED OR RELOCATED. ALL FILL MATERIALS & DISTURBED SOILS RESULTING FROM GRADING OPERATIONS SHOULD BE REMOVED & PROPERLY RECOMPACTED PRIOR TO FOUNDATION EXCAVATION.
10. SELECT FILL SHALL CONSIST OF HOMOGENOUS SOILS FREE OF ORGANIC MATTER & DEBRIS, OR ROCK LARGER THAN SIX INCHES IN DIAMETER, & POSSESSING A PLASTICITY INDEX BETWEEN FOUR & FIFTEEN WITH A MAXIMUM LIQUID LIMIT OF 36. THE MATERIAL SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL REPORT SUBGRADE PREPARATION & VERIFIED

IN THE FOLLOWING MANNER:

CONDUCT IN-PLACE DENSITY TESTS AT THE RATE OF ONE TEST PER 2,500 SQUARE FEET FOR EACH CONFIRM SUITABILITY BY ATTERBURG LIMIT TESTS AT THE RATE OF ONE TEST PER 500 CUBIC THE SOURCE OF SELECT FILL IS UNKNOWN. ALLOW AT LEAST THREE DAYS FOR PROPER TESTING OF POTINTAL BORROW AREAS. VERIFY SUITABILITY PRIOR TO PLACEMENT ON SITE.

GENERAL SITE NOTES:

1. SITE TO BE GRADED BY CONTRACTOR TO DRAIN AWAY FROM BUILDING.
2. THE FINISHED FLOOR SHALL BE A MINIMUM 2'-0" ABOVE THE GRADE OF THE SITE @ THE BUILDING.

EROSION CONTROL WARNING:

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 VIOLATIONS.

ROOF DRAINAGE NOTE:

ALL ROOF DRAINS, GUTTERS, AND DOWNSPOUTS SHALL BE DIRECTED TO, CONNECT TO OR BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

AS BUILT CERTIFICATION:

THE PROJECT ENGINEER/ENGINEER OF RECORD SHALL PROVIDE ESCAMBIA COUNTY "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 PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE AS BUILT CERTIFICATION MUST BE SIGNED, SEALED, AND DATED BY A REGISTURED FLORIDA PROFESSIONAL ENGINEER.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

Developed by: Foy B. Gadberry

DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
165 COMMERCIAL PARKWAY, PENSACOLA, FLORIDA 32505 (318) 388-3227
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

EXPRESS CARWASH

CITY OF PENSACOLA

AQUA EXPRESS

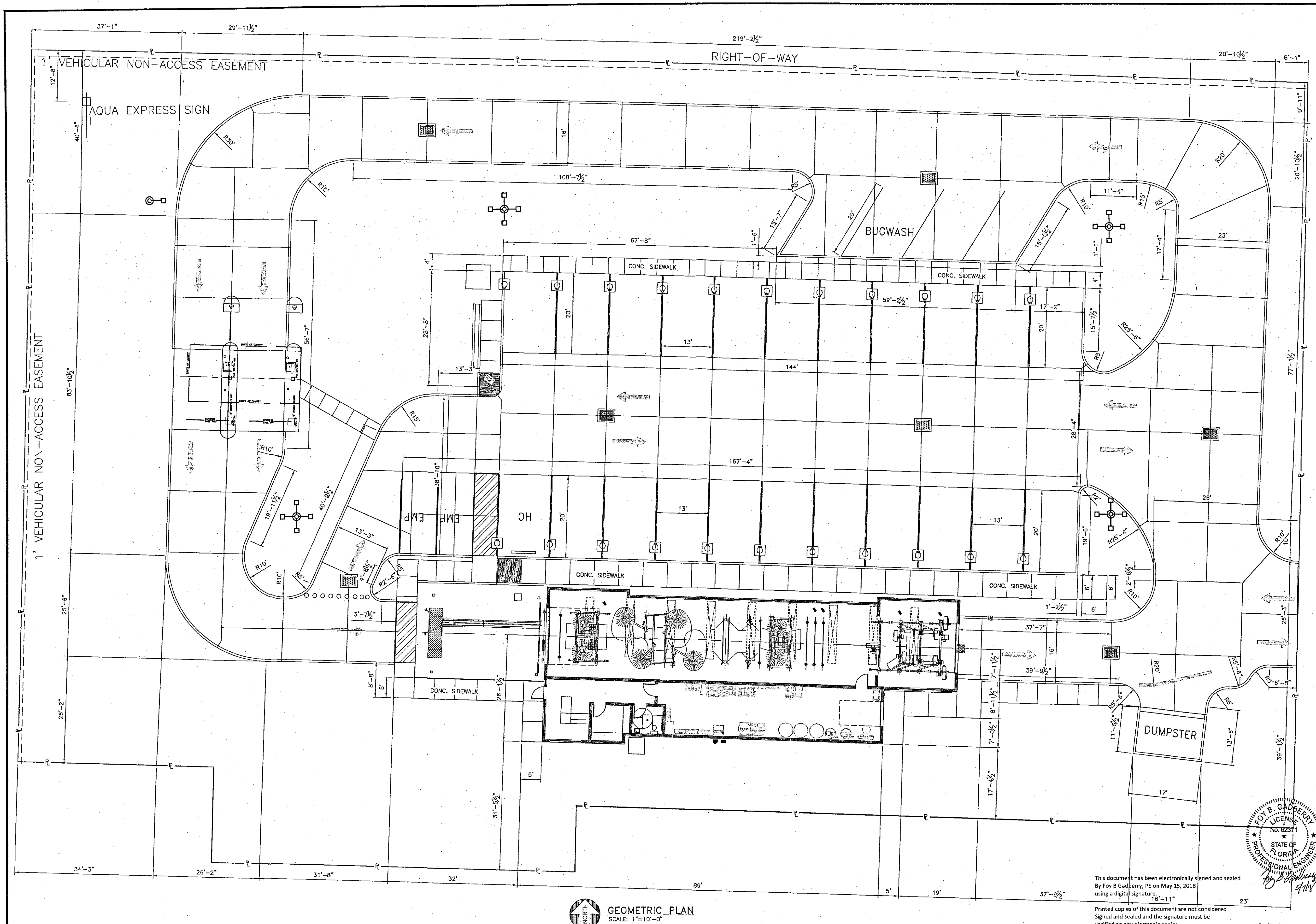
FINAL COMPRESION - 5/9/2018

SITE PLAN

DATE: 08-28-17

SP1.0

JOB No. 170811



GEOMETRIC PLAN

SCALE: 1"=10'-0"

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

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DAVID LANE BEAIRD & ASSOCIATES, INC.
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email: lbeaird@dlbengineering.com
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

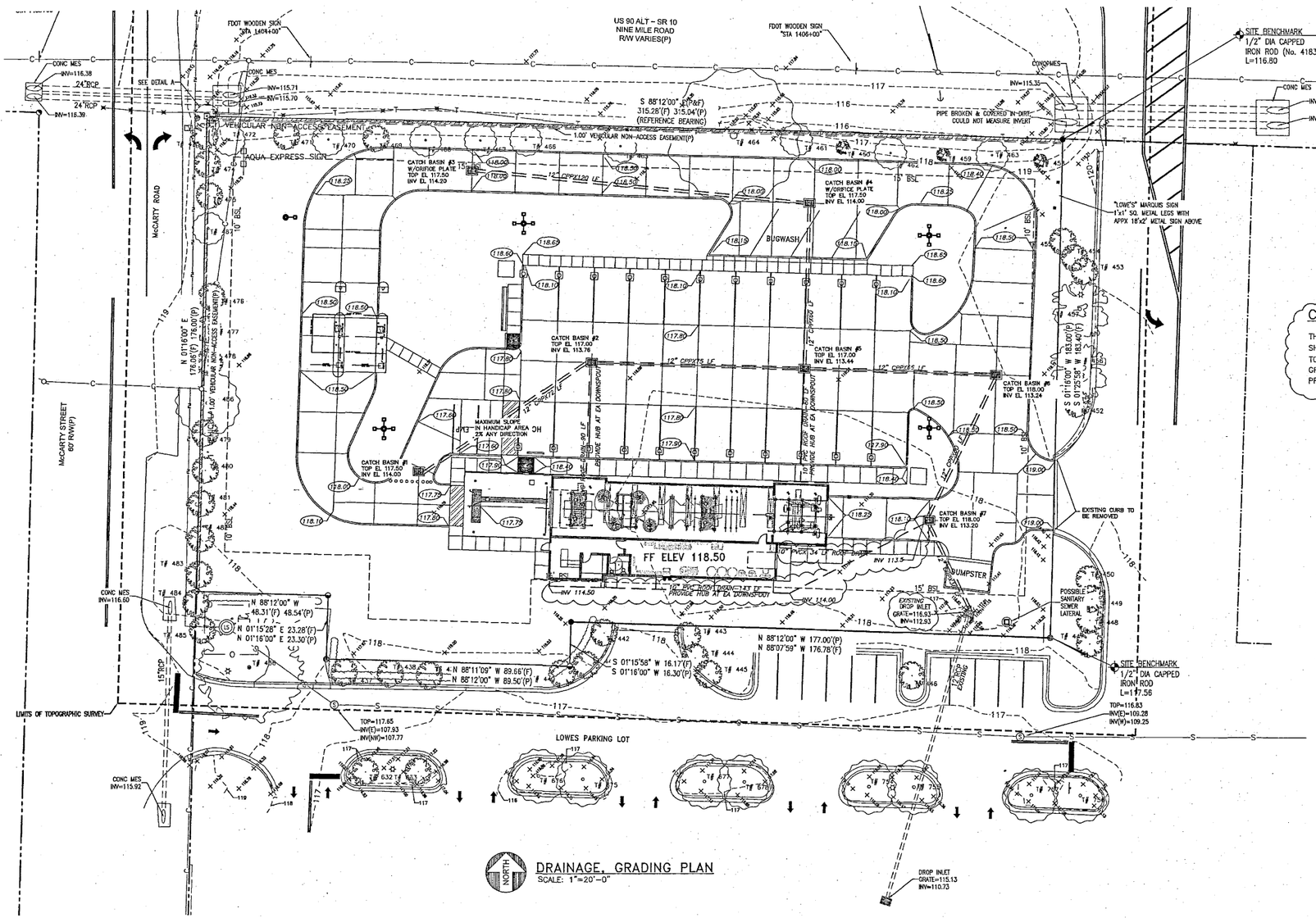
GEOMETERIC PLAN

FINAL COMPARISON – 5/9/2018

DATE: 05-9-17

SP1.1

JOB No. 170811



DRAINAGE, GRADING PLAN
SCALE: 1"=20'-0"

UNDEVELOPED CONDITION

TOTAL AREA = 1.350 ACRES = 58,830 SQ FT (+/-)
IMPERVIOUS AREA = 0.00 ACRES
PERVIOUS AREA =1.350 ACRES = 58,830 SQ FT (+/-)
PEAK DISCHARGE-25 YEAR RETURN = 5.85 CFS

NEW DEVELOPED CONDITION

TOTAL AREA = 1.35 ACRES = 58830 SQ FT
IMPERVIOUS AREA = 0.64 ACRES = 30,823 SQ FT (+/-)

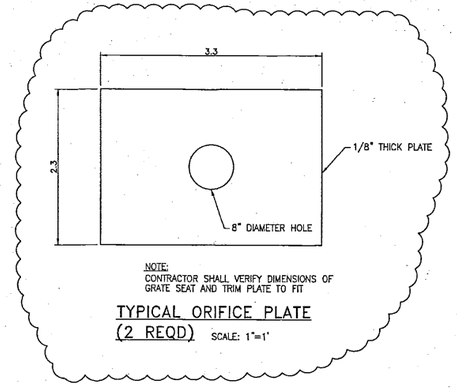
IMPERVIOUS AREA/TOTAL AREA = 30,823 SF/58,830 SQ FT = 0.52

IMPERVIOUS AREA/TOTAL AREA = 52% < 80% REQUIRED

DEVELOPED PEAK DISCHARGE-25 YEAR RETURN = 5.40 CFS

CONTRACTOR RECORDS:

THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION TO WHICH SHOW "AS BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND (IF APPLICABLE) OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.



NOTE:
CONTRACTOR SHALL VERIFY DIMENSIONS OF GRATE SEAT AND TRIM PLATE TO FIT

TYPICAL ORIFICE PLATE
(2 REQD) SCALE: 1"=1'

AS BUILT CERTIFICATION:

THE PROJECT ENGINEER/ENGINEER OF RECORD SHALL PROVIDE ESCAMBIA COUNTY "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 PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE AS BUILT CERTIFICATION MUST BE SIGNED, SEALED, AND DATED BY A REGISTURED FLORIDA PROFESSIONAL ENGINEER.

PLAN DEVIATION:

NO DEVISATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

COMPLETION NOTICE:

ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

EROSION CONTROL WARNING:

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 VIOLATIONS.

ROOF DRAINAGE NOTE:

ALL ROOF DRAINS, GUTTERS, AND DOWNSPOUTS SHALL BE DIRECTED TO, CONNECT TO OR BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

SUNSHINE UTLITIES NOTIFICATION:

NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT OF WAY: 1-800-432-4770.

DAMAGE TO EXISITNG FACILITIES:

ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR/DEVELOPER PRIOR TO FINAL "As Built" SIGN OFF FROM THE ESCAMBIA COUNTY.

FLORIDA DEPARTMENT OF TRANSPORTATION NOTIFICATION:

THE CONTRACTOR SHALL NOTIFY FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) 48 HOURS IN ADVANCE TO INITIATING ANY WORK IN THE STATE RIGHTS OF WAY.

FOY B. GADBERRY
LICENSE
No. 62371
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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Foy B. Gadberry
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5/7/18

DAVID LANE BEAIRD
& ASSOCIATES, INC.
CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING - PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3227
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

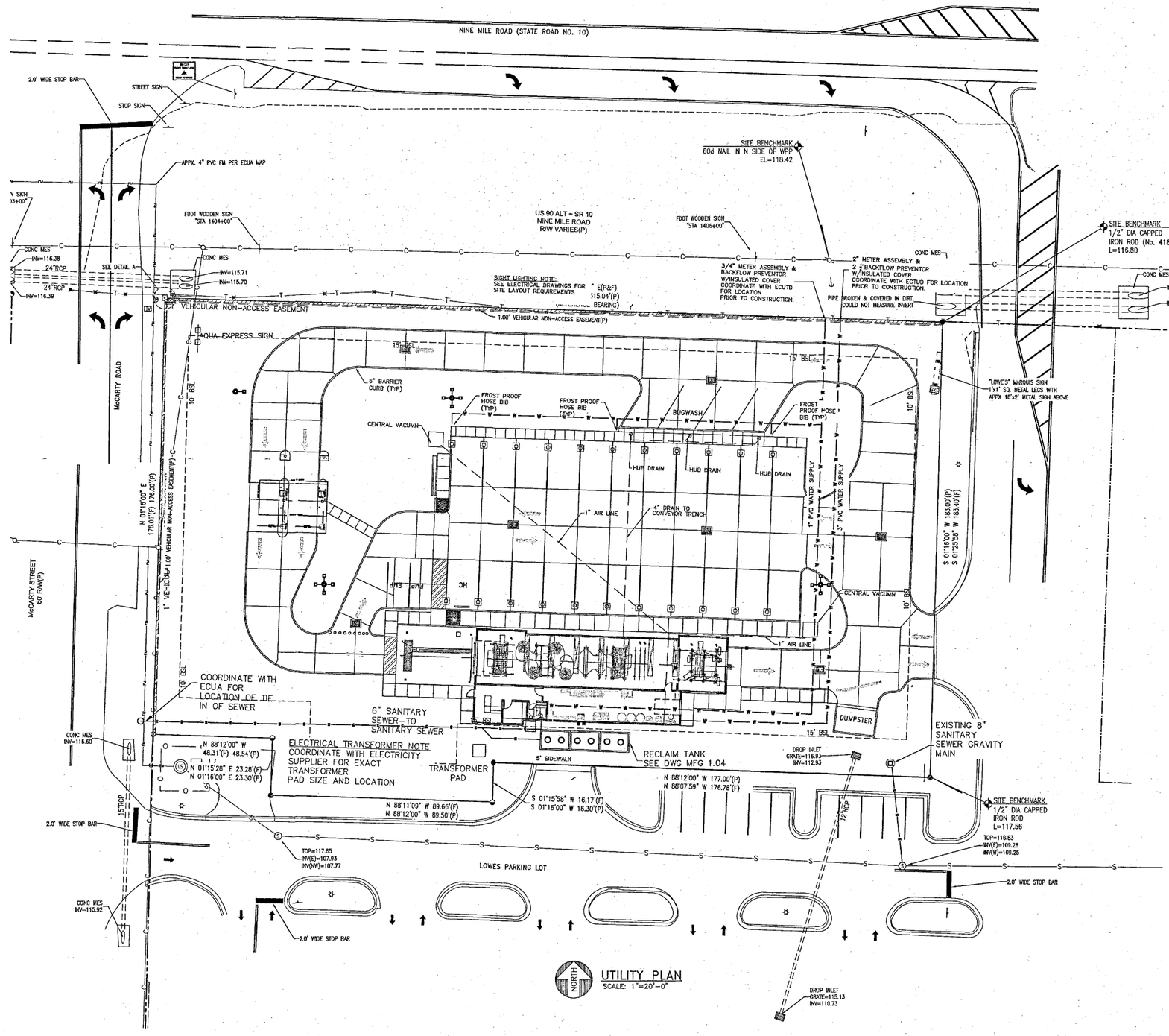
CITY OF PENSACOLA

DRAINAGE, GRADING PLAN

DATE: 05-9-17

SP1.2

JOB No. 170811



UTILITY PLAN
SCALE: 1"=20'-0"

UTILITY NOTES

1. CONTRACTOR TO NOTIFY ENGINEER, OWNER REPRESENATIVE, AND THE CITY OF PENSECOLA WATER & SEWER DEPARTMENTS PRIOR TO COMMENCING WORK ON INSTALLATION OF UTILITIES 48 HOURS IN ADVANCE.
2. CONTRACTOR TO LOCATE & EXPOSE EXISTING UTILITIES FOR INSPECTION. ELEVATIONS ARE TO BE DETERMINED TO INSURE PROPER CONNECTION OF THE NEW FACILITY.
3. REFER TO ARCHITECTURAL AND EQUIPMENT DRAWINGS FOR UTILITY TIE INSIDE BUILDING AND COORDINATE ROUTING AS REQUIRED TO INSURE PROPER TIE IN.
4. THE EXISTING SEWER SERVICE TAP ONLY TO THE SITE MAY PROVIDED THAT IT PASSES INSPECTION BY THE CITY OF ENSLEY, ENGINEER, AND THE OWNERS. BE UTILIZED. ALL SEWER PIPING INSIDE AND OUTSIDE WITHIN THE PROPERTY LIMITS IS TO BE NEW.

UTILITY WARNING:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM SURVEY INFORMATION AND EXISTING DRAWINGS. THE ARCHITECT/ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR/ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR/ENGINEER HAS NOT PHYSICALLY LOCATED ALL OF THE UNDERGROUND UTILITIES.

GENERAL NOTES:

1. CONTRACTOR TO HAVE EXISTING UTILITIES MARKED BY SUNSHINE 811 PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR TO PROVIDE SIGNAGE PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PER THE FLORIDA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT REQUIREMENTS TO WARN MOTORIST OF CONSTRUCTION ACTIVITIES.
3. CONTRACTOR TO FIELD LOCATE & EXPOSE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

UTILITY PROVIDERS

ELECTRICITY	– GULF POWER CO. 1–850–444–6111
NATURAL GAS	– PENSACOLA ENERGY 1–850–474–5300
WATER	– EMERALD COAST UTILITIES AUTHORITY
SANITARY SEWER	– EMERALD COAST UTILITIES AUTHORITY 1–850–476–0480
TELEPHONE	– BELL SOUTH

UTILITY NOTES

1. CONTRACTOR SHALL CONTACT EMERALD COAST UTILITIES AUTHORITY AT 850–476–0480 PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY LOCATION OF ALL UTILITY CONNECTIONS.
2. CONTRACTOR SHALL CONTACT EMERALD COAST UTILITIES AUTHORITY AT AT LEAST 72 HOURS PRIOR TO CONNECTION OF PROPOSED UTILITIES TO EXISTING FACILITIES. PERSONNEL SHALL WITNESS ALL CONNECTION WORK.
3. SERVICE CONNECTIONS OUT OF BUILDING ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT FOR ACTUAL CONDITIONS AND FINAL UTILITY CONNECTION REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN AT LEAST 30" OF COVER FOR ALL WATER LINES UNDER PAVING OR SIDEWALKS. FOR SERVICE LINES UNDER GRASSED AREAS 24" OF COVER IS ACCEPTABLE.
5. IF THE PRESCRIBED COVER CANNOT BE OBTAINED FOR SERVICE LINES CROSSING STORMWATER PIPING, THE SERVICE LINE SHALL BE ROUTED A MINIMUM OF 12" BELOW THE DRAINAGE PIPING.
6. THE CONTRACTOR SHALL PROVIDE 18" VERTICAL SEPARATION OR 6' HORIZONTAL SEPARATION (EDGE TO EDGE) BETWEEN WATER AND SEWER LINES.
7. ALL UTILITY CONSTRUCTION SHALL BE INACCORDANCE WITH EMERALD COAST UTILITIES AUTHORITY STANDARD SPECIFICATIONS.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER
Foy B. Gadberry 5/15/18

DocuSigned by: Foy B. Gadberry

DAVID LANE BEARD & ASSOCIATES, INC.
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email: bealcm@dlbeard.com
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

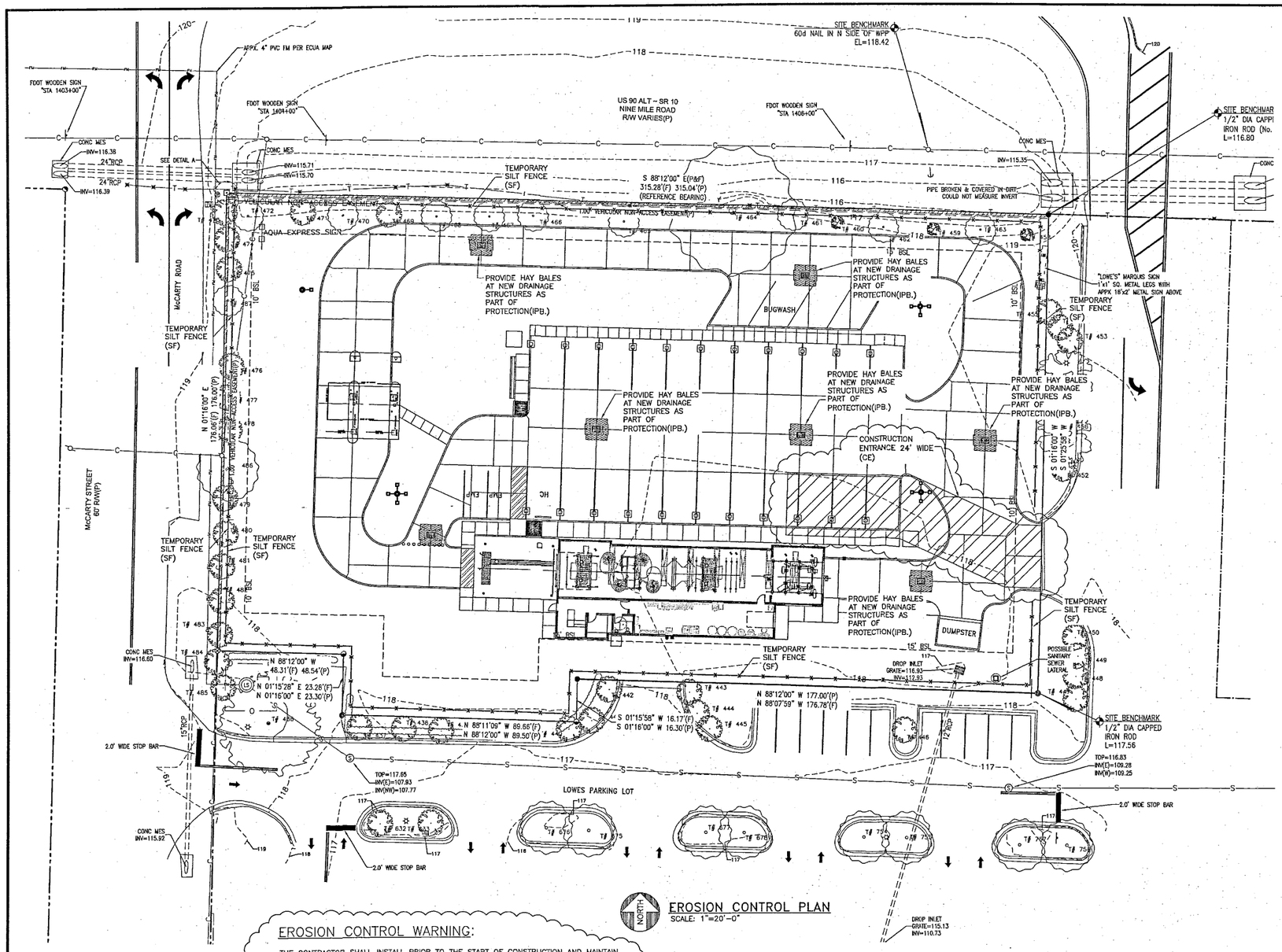
FINAL COMPARISON - 5/9/2018

UTILITY PLAN

DATE 05-9-17

SP1.3

JOB No. 170811



EROSION CONTROL PLAN
SCALE: 1"=20'-0"

EROSION CONTROL WARNING:

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 VIOLATIONS.

UTILITY WARNING:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM SURVEY INFORMATION AND EXISTING DRAWINGS. THE ARCHITECT/ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR/ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR/ENGINEER HAS NOT PHYSICALLY LOCATED ALL OF THE UNDERGROUND UTILITIES.

GENERAL NOTES:

1. CONTRACTOR TO HAVE EXISTING UTILITIES MARKED BY ALABAMA ONE CALL PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR TO PROVIDE SIGNAGE PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PER THE FLORIDA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT REQUIREMENTS TO WARN MOTORIST OF CONSTRUCTION ACTIVITIES.
3. CONTRACTOR TO FIELD LOCATE & EXPOSE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

ROOF DRAINAGE NOTE:

ALL ROOF DRAINS, GUTTERS, AND DOWNSPOUTS SHALL BE DIRECTED TO, CONNECT TO OR BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

SEEDING & FERTILIZING NOTE:

ALL AREAS DISTURBED DURING CONSTRUCTION THAT ARE NOT TO BE LANDSCAPED, SHALL BE SEEDED, MULCHED, AND FERTILIZED UTILIZING THE HYDROMULCH METHOD. SEED SHALL BE BERMUDA GRASS AT APPLICATION RATE OF 20#/ACRE. THE SITE SHALL BE DISKED, RAKED, LEVELED, AND PREPARED. FERTILIZER AND LIME RATE SHALL BE AS PER THE RECOMMENDATION OF A SOILS TEST PERFORMED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND ENGINEER.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL APPLY FOR A STORM WATER DISCHARGE PERMIT THROUGH THE ALABAMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND ANY FEES ASSOCIATED WITH THIS PERMIT ARE TO BE PAID BY THE CONTRACTOR.
2. THE STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED FOR THE CONTRACTOR'S USE DURING THIS PROJECT IS THE MINIMUM THE CONTRACTOR SHALL FOLLOW THIS PLAN THROUGH OUT CONSTRUCTION FOR ESTABLISHING AND MAINTAINING EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ADDITIONAL MEASURES REQUIRED TO PREVENT THE TRANSPORTATION OF MATERIALS FROM THE SITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM INSPECTIONS AND MAINTENANCE OF THE EROSION CONTROL MEASURES AS OUTLINED IN THE STORMWATER POLLUTION PREVENTION PLAN.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES AS SHOWN HEREON AND AS OUTLINED IN THE STORMWATER POLLUTION PREVENTION PLAN TO PREVENT SILTATION OF ADJACENT PROPERTY AND DRAINAGE FACILITIES.
5. ANY SILTATION OF ADJACENT PROPERTY OR DRAINAGE FACILITIES SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE BY OWNER.
6. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS PROGRESSED SILTATION IS NO LONGER ANTICIPATED.
7. ALL AREAS WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITH SEED AND MULCH OR SOD AS SOON AS PRACTICAL AFTER BEING DISTURBED. THESE AREAS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY OWNER.
8. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES ON A DAILY BASIS DURING CONSTRUCTION INCLUDING THE REPAIR OR REPLACEMENT OF ANY FAILED MEASURES.
9. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
10. THE CONTRACTOR SHALL USE ORGANIC OR SYNTHETIC MULCHES ON CUT AND EMBANKMENT SLOPES WHICH HAVE NOT BEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME OR ON OTHER AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR.
11. THE CONTRACTOR SHALL REMOVE MUD TRACKED ONTO PUBLIC RIGHT-OF-WAY IN A TIMELY BASIS.
12. IF THE ACTION OF VEHICLES TRAVELING OVER THE CRUSHED STONE CONSTRUCTION EXIT POINT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT AND MUD FROM THE EXITING TRAFFIC, THE CONTRACTOR SHALL PROVIDE HOSE BIBBS AT THE EXIT POINT AND WASH TIRES BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS SHALL BE MADE TO INTERSECT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF OF THE SITE.
13. SILT FENCES SHALL BE USED TO CONTROL AND CONTAIN THE SEDIMENT FROM STOCKPILED SOILS.
14. THIS EROSION CONTROL PLAN IS TO BE USED BY THE CONTRACTOR AS A MINIMUM GUIDELINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL EROSION CONTROL METHODS AND/OR PRODUCTS TO UNFORESEEN CONSTRUCTION PROCEDURES AS REQUIRED, OR AS REQUIRED TO PREVENT THE TRANSPORTATION OF MATERIAL FROM THE SITE BY WIND, WATER, OR ANY OTHER ACTIONS.

STORMWATER PREVENTION POLLUTION PLAN CONTROL DOCUMENT

THE CONTRACTOR SHALL SECURE A STORMWATER POLLUTION PREVENTION PLAN DOCUMENT FROM A LISCENCED ENGINEER IN THE STATE OF FLORIDA TO PREPARE AND COMPILE A STORMWATER POLLUTION PREVENTION PLAN SPECIFICALLY FOR THIS PROJECT IN ACCORDANCE WITH THE LAWS OF THE STATE OF FLORIDA. THE GUIDELINES SHOWN HEREON THIS DRAWING ARE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE EROSION CONTROL MEASURES REQUIRED BY THE PREPARED STORMWATER POLLUTION PREVENTION PLAN AND FOR ALL DOCUMENTATION THAT IS REQUIRED BY LAW.

STORMWATER POLLUTION PREVENTION SEQUENCE

CONSTRUCTION STAGE 1
- A. CONSTRUCT SILT TRAPS AT ALL EXISTING PRIMARY STORMWATER DISCHARGE POINTS PRIOR TO PERFORMING ANY SITE GRADING. THIS SHALL CONSIST OF PLACING SEDIMENT CHECK DAMS AND SILT FENCING AS NECESSARY.
- B. PLACE ALL EROSION CONTROL MEASURES SO THAT NO DIRECT DISCHARGE OF STORM WATER CAN BE MADE WITHOUT PASSING THROUGH THESE TEMPORARY DETENTION MEASURES.

CONSTRUCTION STAGE 2
- A. COORDINATE CONSTRUCTION ACTIVITIES TO CONTROL DISTURBANCE TO NATURAL GROUND WITHIN CONSTRUCTION LIMITS.
- B. PERFORM GRADING TRANSVERSE TO SLOPES.
- C. PROVIDE CONTINUOUS SILT FENCING ALONG ENTIRE LENGTH OF TOE SLOPES PRIOR TO PLACING FILL MATERIAL OR GRADING.

CONSTRUCTION STAGE 3
- A. ESTABLISH GRASS GROUND COVER ON FINISHED SLOPES AFTER GRADING OPERATIONS ARE COMPLETE.
- B. ESTABLISH SEDIMENT CHECK DAMS AROUND OPEN PIPE INLETS AND MAINTAIN UNTIL RUNOFF AREAS ARE PAVED OR STABILIZED.
- C. ESTABLISH SILT FENCE AND SEDIMENT CHECK DAMS AT NEW DISCHARGE POINTS.

CONSTRUCTION STAGE 4
- A. MAINTAIN PERIMETER BARRIERS UNTIL SLOPES AND DISTURBED AREAS HAVE ATTAINED SPECIFIED GRASS COVER AND PAVING IS COMPLETE.
- B. REMOVE BARRIERS (SILT FENCES, HAY BALES, ETC.) AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, ORDINANCE, AND APPLICABLE REGULATIONS.
- C. REMOVE SEDIMENT BUILD-UPS IN DETENTION FACILITIES AND DOWNSTREAM CHANNELS AND/OR PIPING AS REQUIRED.
- D. FINISH SITE GRADING AND ESTABLISH GRASS COVER ON ALL DISTURBED AREAS.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/14/18

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CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
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FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

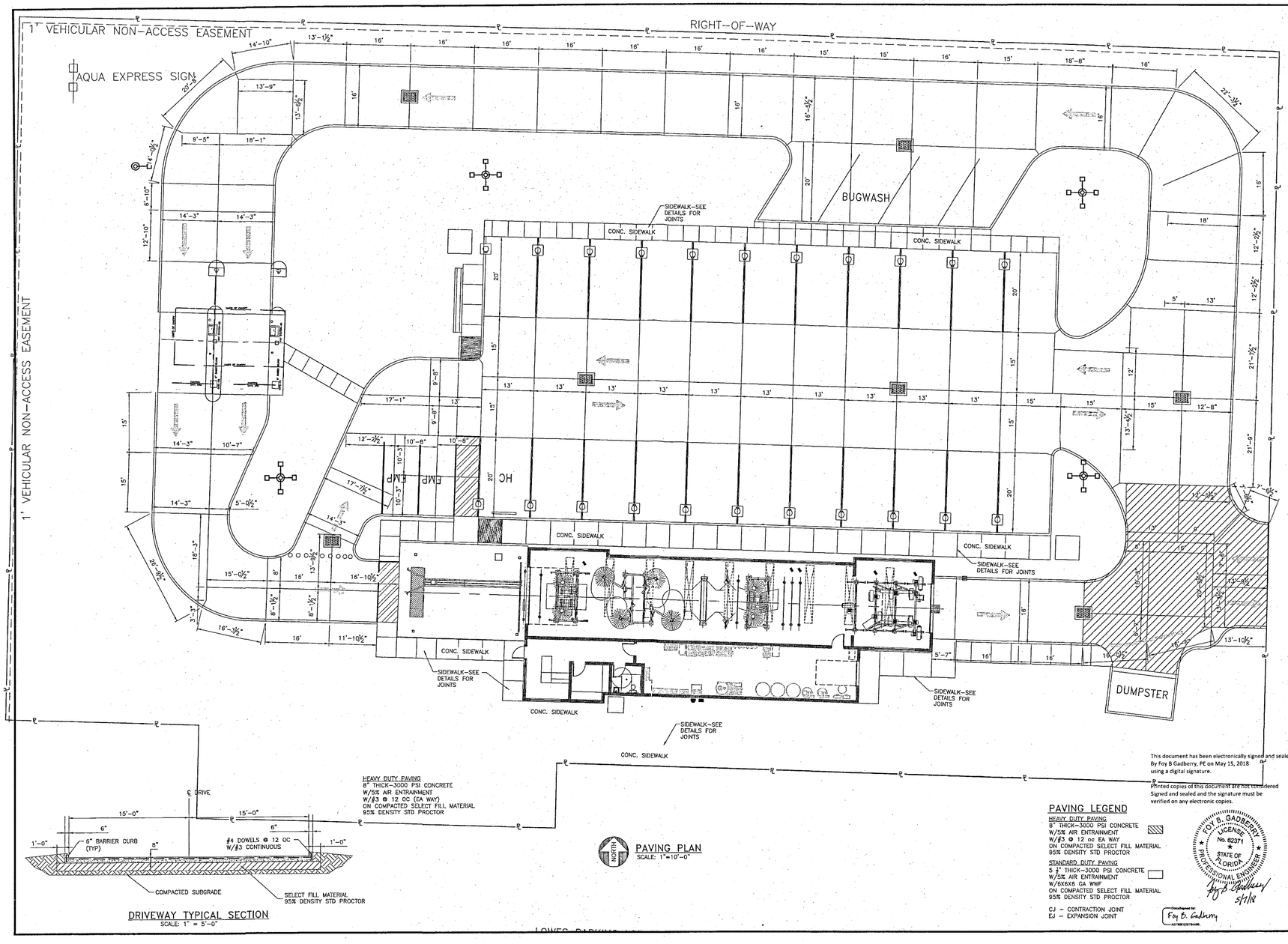
EROSION CONTROL PLAN

FINAL COMPARISON - 5/9/2018

DATE 05-9-17

SP1.4

JOB No. 170811



DRIVEWAY TYPICAL SECTION
SCALE: 1" = 5'-0"

PAVING PLAN
SCALE: 1"=10'-0"

PAVING LEGEND

HEAVY DUTY PAVING
8" THICK-3000 PSI CONCRETE
W/5% AIR ENTRAINMENT
W/#3 @ 12 oc EA WAY
ON COMPACTED SELECT FILL MATERIAL
95% DENSITY STD PROCTOR

STANDARD DUTY PAVING
5 ½" THICK-3000 PSI CONCRETE
W/5% AIR ENTRAINMENT
W/6X6X6 GA WWF
ON COMPACTED SELECT FILL MATERIAL
95% DENSITY STD PROCTOR

CJ - CONTRACTION JOINT
EJ - EXPANSION JOINT

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FOY B. GADBERRY LICENSED No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER
5/15/18

Developed by Foy B. Gadberry

DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
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105 CHASE AVENUE, PENSACOLA, FLORIDA 32503 (850) 438-7227
email: lbeaird@cox.net
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

CITY OF PENSACOLA
ESCAMBIA COUNTY, FLORIDA

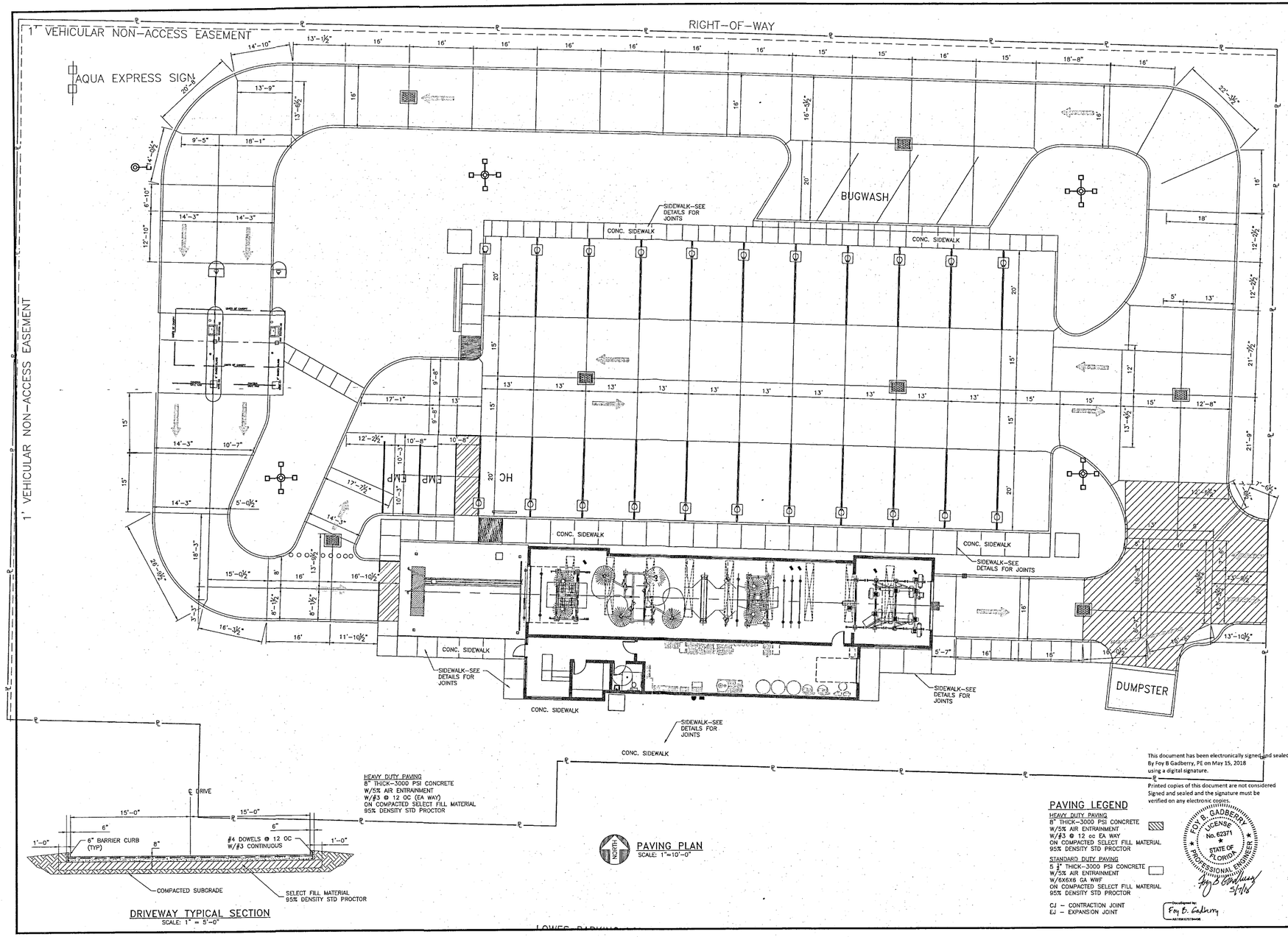
AQUA EXPRESS CARWASH

PAVING PLAN

DATE: 05-9-17

SP1.5

JOB No. 170611



DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 396-3327
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

CITY OF PENSACOLA
ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

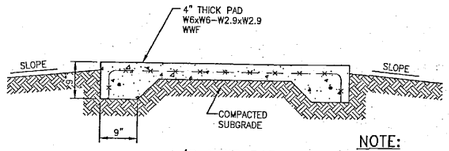
PAVING PLAN

FINAL COMPARISON - 5/8/2018

DATE: 05-9-17

SP1.5

JOB No. 170811



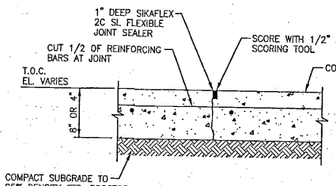
NOTE:

PAD DIMENSIONS ADJUSTED FOR UNIT SIZE

A/C UNIT PAD

DETAIL 1 SP2.0

SCALE: 3/4" = 1'-0"



CONTRACTION JOINT

DETAIL 2 SP2.0

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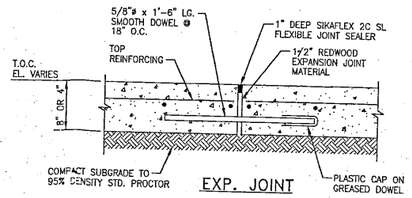
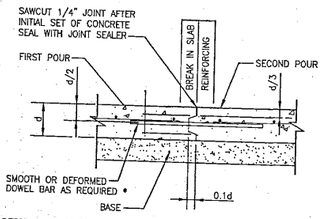


EXP. JOINT

DETAIL 3 SP2.0

SCALE: 3/4" = 1'-0"



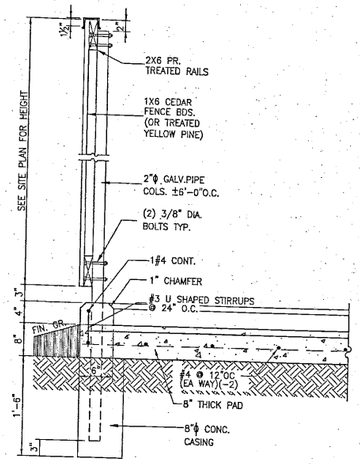
* DEFORMED BARS SHALL BE USED FOR LONGITUDINAL ROAD JOINTS. SMOOTH BARS SHALL BE USED FOR AREA PAVING.

"d" (IN.)	SMOOTH DOWEL
5	3/4"ø x 18" @ 12" O.C.
6	3/4"ø x 18" @ 12" O.C.
7	1"ø x 18" @ 12" O.C.
8	1 1/4"ø x 18" @ 12" O.C.
	DEFORMED DOWEL
ALL	5/8"ø x 18" @ 30" O.C.

DOWELED CONSTRUCTION JOINT

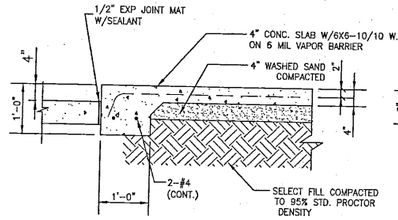
DETAIL 4 SP2.0

SCALE: 3/4" = 1'-0"



SECTION THRU DUMPSTER PAD A SP2.0

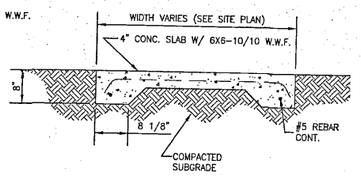
SCALE: 1"= 1'-0"



TYP. SIDEWALK @ PAVING

DETAIL 5 SP2.0

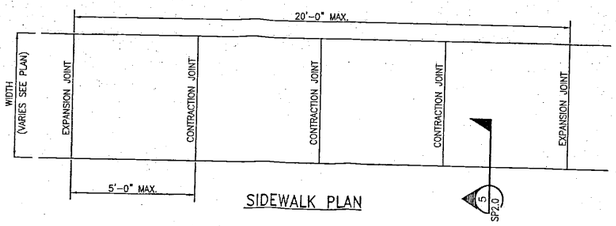
SCALE: 3/4" = 1'-0"



TYP. SIDEWALK DETAIL

DETAIL 6 SP2.0

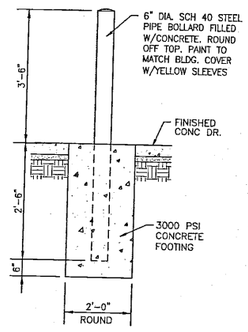
SCALE: 3/4" = 1'-0"



SIDEWALK PLAN

DETAIL 7 SP2.0

SCALE: N.T.S.

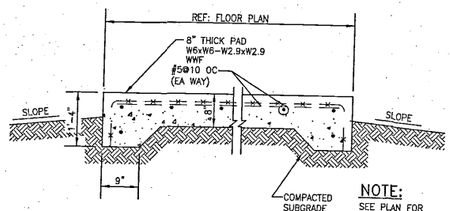


BOLLARD DETAIL

NOT TO SCALE

DETAIL 8 SP2.0

SCALE: 1/2" = 1'-0"



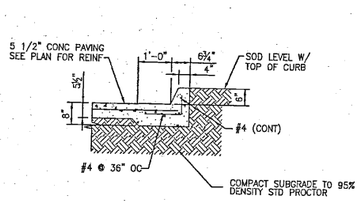
NOTE:

SEE PLAN FOR PAD DIMINSIONS

CONC. PAD

DETAIL 9 SP2.0

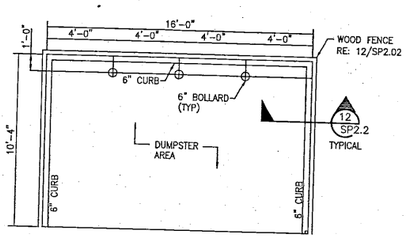
SCALE: 3/4" = 1'-0"



BARRIER CURB DETAIL

DETAIL 10 SP2.0

SCALE: 1/2" = 1'-0"



DUMPSTER PAD 11 SP2.0

SCALE: 1/4" = 1'-0"

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

5/15/18

DocuSigned by: Foy B. Gadberry

DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
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115 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3237
FLORIDA REGISTRY OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

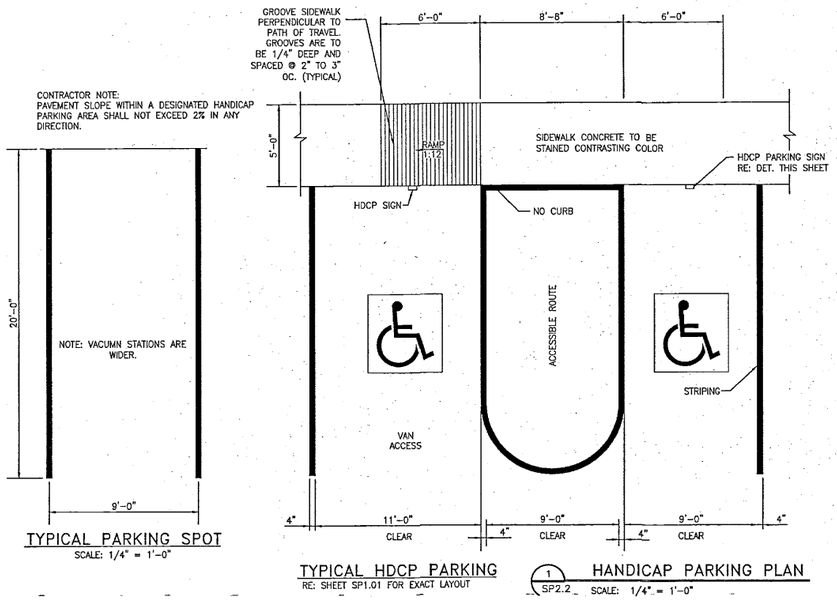
FINAL COMPARISON - 5/9/2018

SITE DETAILS

DATE: 05-9-17

SP2.0

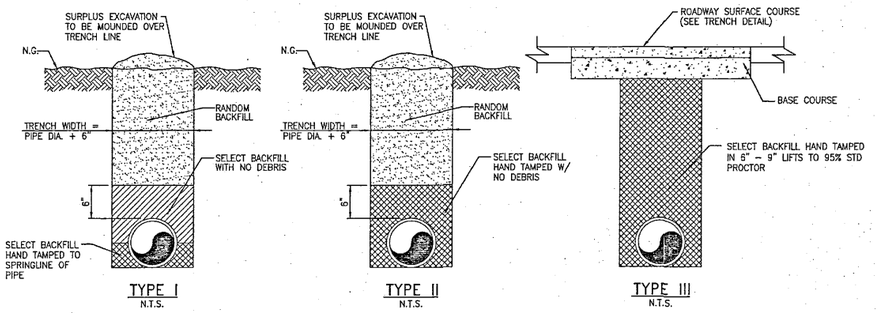
JOB No. 170811



TYPICAL PARKING SPOT
SCALE: 1/4" = 1'-0"

TYPICAL HDCP PARKING
RE: SHEET SP1.01 FOR EXACT LAYOUT

1 SP2.2 HANDICAP PARKING PLAN
SCALE: 1/4" = 1'-0"



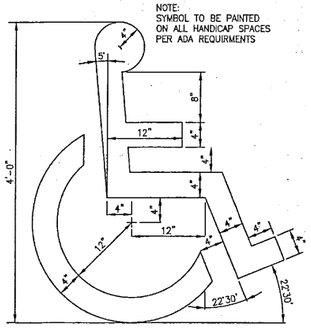
TYPE I
N.T.S.

TYPE II
N.T.S.

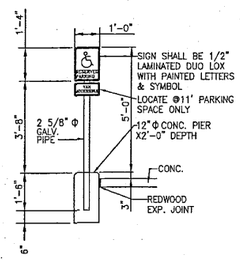
TYPE III
N.T.S.

TYPICAL BACKFILL DETAILS FOR DRAINAGE PIPE

DETAIL 5 SP1.1
SCALE: 1 1/2"= 1'-0"

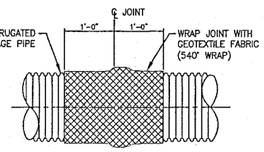


2 SP1.1 HANDICAP SYMBOL
SCALE: 1 1/2" = 1'-0"



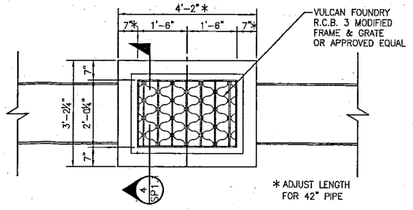
3 SP1.1 HANDICAP SIGN DETAIL
SCALE: 3/8" = 1'-0"

1. ALL PLASTIC DRAINAGE PIPE SHALL BE MANUFACTURED PER THE FLORIDA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT STANDARD SPECIFICATIONS.
2. ALL DRAINAGE PIPE SHALL BE MANUFACTURED BY AN APPROVED SOURCE OF THE FLORIDA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT.
3. ALL PIPE SHALL BE BEDDED TO THE SPRINGLINE. ALL BEDDING MATERIAL SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS



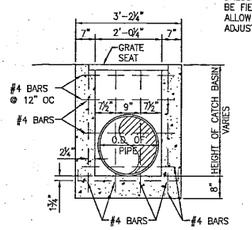
GEOTEXTILE WRAP

DETAIL 6 SP1.1
SCALE: 3/4" = 1'-0"



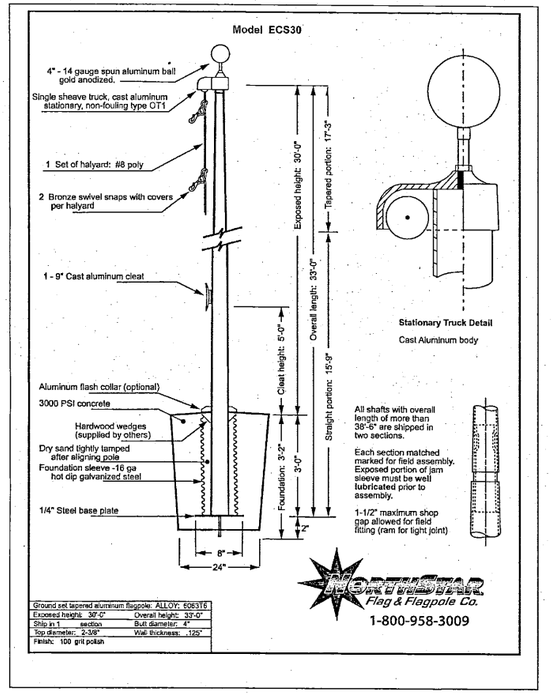
PLAN
SCALE: 1/2" = 1'-0"

NOTE: IF PRECAST CATCH BASIN DRESSED TOP TO BE FIELD CAST TO ALLOW FIELD ADJUSTMENT.



CATCH BASIN ·CB-01

DETAIL 4 SP1.1
SCALE: 1/2" = 1'-0"



FLAGPOLE DETAIL
7 SP2.2 SCALE: N.T.S.

1-800-958-3009

ALUMINUM FLAGPOLE INSTALLATION INSTRUCTIONS

1. Dig foundation hole four to six times the butt diameter of the flagpole.
2. Set the foundation tube so that the top of the foundation tube is two inches above grade.
3. Plumb foundation tube and brace sot that it will not move during the pouring of the concrete.
4. Pour concrete and trowel up even with top of foundation tube. Keep inside of foundation tube dry.
5. Lay pole on sawhorses and unwrap. For sectional poles check both ends for any burrs. If any are found, file them off and wipe the areas clean. Fully grease jamb sleeves. Align the arrows and/or numbers on each section and jamb together. Numbers must be identical for a proper fit.
6. Screw the truck into the top of the pole, using a wrench to assure a tight fit. If cap-style truck is used, be sure set screws are well tightened.
7. Screw ball into truck and tighten ball set screw. Ball should be tightened into truck tightly by turning stem of ball with wrench. Do not tighten by turning ball proper.
8. If flash collar is provided with pole, slide collar on from the bottom of pole to above cleat level and attach cleat with one screw to hold flash collar until after erection of pole. Then remove cleat, slide collar down, and replace cleat. Caulk between the collar and the pole with waterproof sealant (like roofing cement or asphaltum sealant).
9. Thread rope through sheave (pulley) of truck and tie the ends together so that the rope will not drop out of the sheave during erection of the pole.
10. Erect pole into foundation tube and center it. Turn so that the cleat(s) holes are in the direction desired.
11. Place wood wedges (supplied by others) between the pole and the foundation tube and plumb pole.
12. Pack dry sand between the pole and foundation tube. Leave two inches void at the top and fill with waterproof sealant to keep water out of the sand.
13. Loop snaps on rope, space properly for flag size being used.

IMPORTANT: When erecting sectional flagpoles, never place your sling above the joint. Sling must be positioned below the joint, thus eliminating the possibility that the two sections could separate during hoisting.

ALSO: For yardarm-type flagpoles, please locate (3) pre-drilled holes approximately 1/3 down from top of pole. Take the 6" x 9" plate and attach at this point. Then attach U-bolts around the yardarm and through the plate; Secure nuts and washers, including the (4) small acorn nuts for the ends of the U-bolts.

Rev. 10-24-2003

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

DocuSigned by: Foy B. Gadberry

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FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

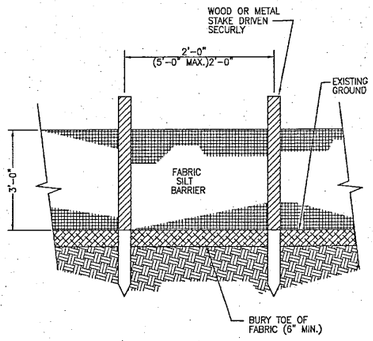
FINAL COMPARISON - 5/9/2018

SITE DETAILS

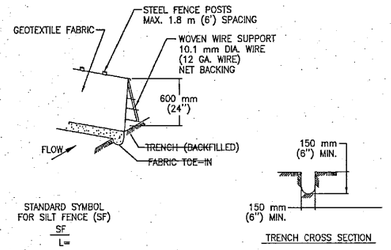
DATE: 05-9-17

SP2.1

JOB No. 170811



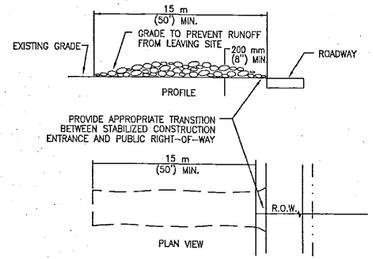
TEMPORARY EROSION CONTROL SILT FENCE



NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (1').
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TRENCHED INTO THE SURFACE (E.G. PAVEMENT), THE FABRIC FLAP SHALL BE WEIGHTED DOWN WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 inches) DEEP AND 150 mm (6 inches) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

TYPICAL SILT FENCE



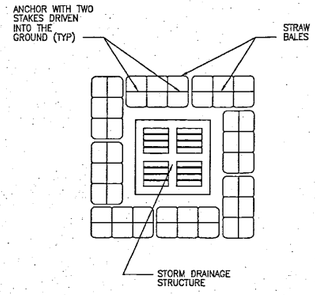
NOTES:
STONE SIZE: 75–125 mm (3–5") OPEN GRADED ROCK.

LENGTH: AS EFFECTIVE BUT NOT LESS THAN 15 m (50').

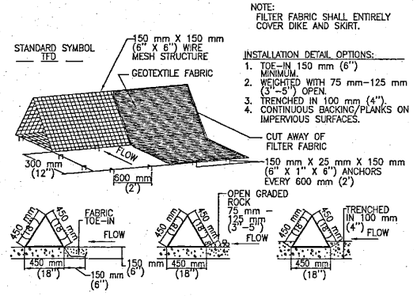
THICKNESS: NOT LESS THAN 200 mm (8").

1. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
2. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL
3. BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY
4. STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
5. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
6. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

STABILIZED CONSTRUCTION ENTRANCE



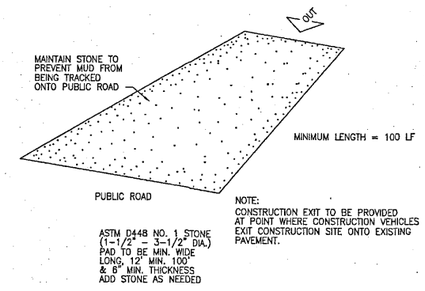
TEMPORARY EROSION CONTROL STRAW BALE FILTER



GENERAL NOTES:

1. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT DIKE.
2. THE FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE FABRIC ON THE UPSTREAM FACE.
3. THE SKIRT SHALL BE WEIGHTED WITH A CONTINUOUS LAYER OF 75–125 mm (3–5") OPEN GRADED ROCK OR TOED-IN 150 mm (6") WITH MECHANICALLY COMPACTED MATERIAL. OTHERWISE, THE ENTIRE STRUCTURE SHALL BE TRENCHED IN 100 mm (4").
4. DIKES AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE USING 150 mm (6") WIRE STAPLES ON 600 mm (2') CENTERS ON BOTH EDGES AND SKIRT, OR STAKE USING 10M (3/8 ") DIAMETER RE-BAR WITH TEE ENDS.
5. FILTER MATERIAL SHALL BE LAPPED OVER ENDS 150 mm (6") TO COVER DIKE TO DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
6. THE DIKE STRUCTURE SHALL BE MW40-150 mmX150 mm (6 GA. 6"X6") WIRE MESH, 450 mm (18") ON A SIDE.
7. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6") AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
9. AFTER THE DEVELOPMENT SITE IS COMPLETLY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN GENERAL NOTE 8 ABOVE.

TRIANGULAR SEDIMENT FILTER DIKE



TEMPORARY CONSTRUCTION EXIT

GENERAL EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL ERECT SILT FENCING AT THE PERIMETER OF THE PROJECT SITE TO PREVENT THE TRANSPORTATION OF SILT FROM THE PROJECT SITE. THE SILT FENCING SHALL BE ERECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
2. HAYBALES SHALL BE INSTALLED AT STORMWATER INLETS TO PREVENT SILT FROM BEING TRANSPORTED INTO THE EXISTING DRAINAGE SYSTEM.
3. A CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT THE ENTRANCES TO THE NEW PARKING AREAS AS REQUIRED NOT TO TRANSPORT MATERIALS FROM THE SITE ON VEHICLES.
4. THESE DETAILS ARE MINIMUM MEASURES REQUIRED. THE CONTRACTOR SHALL TAKE ALL MEASURES TO PREVENT THE TRANSPORTATION OF MATERIAL FROM THE SITE.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

5/7/18

Docusigned by: Foy B. Gadberry

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WWW.DAVIDLANEBEAIRD.COM
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

CITY OF PENSACOLA

AQUA EXPRESS CARWASH

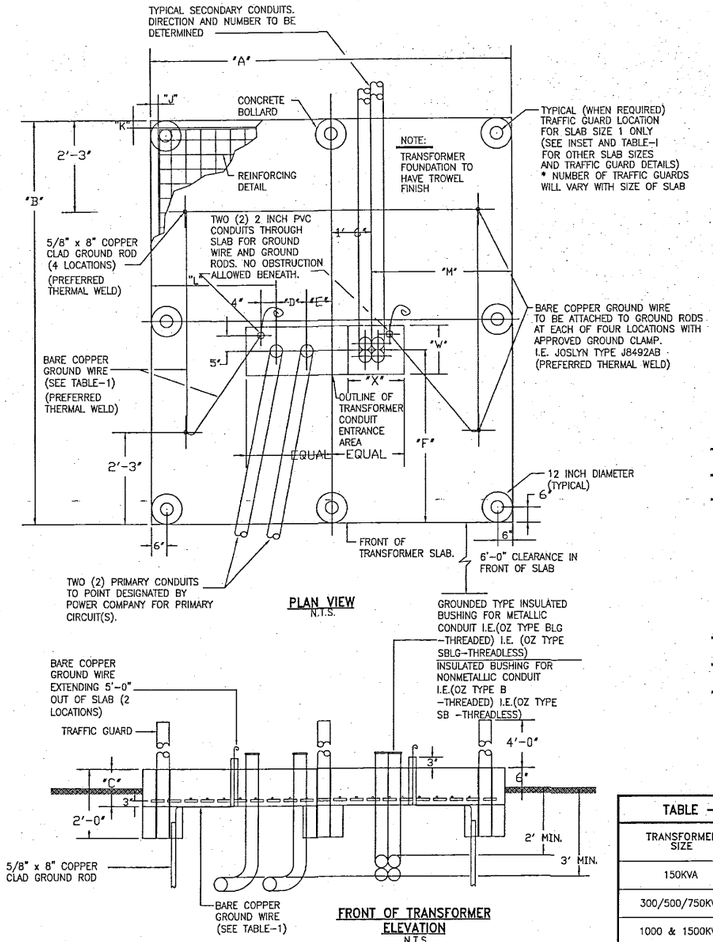
EROSION CONTROL DETAILS

FINAL COMPARISON - 5/9/2018

DATE 05-9-17

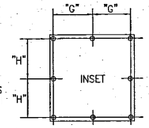
SP2.2

JOB No. 170811

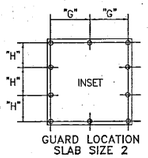


PLAN VIEW
N.T.S.

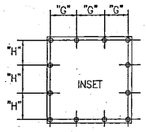
FRONT OF TRANSFORMER ELEVATION
N.T.S.



GUARD LOCATION SLAB SIZE 1



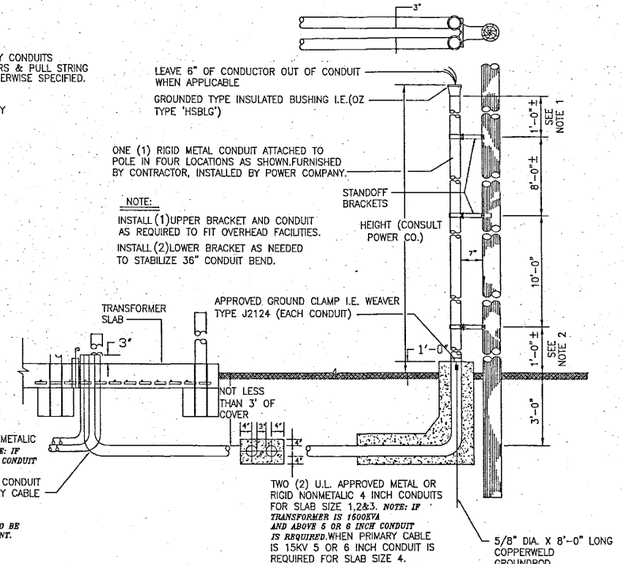
GUARD LOCATION SLAB SIZE 2



GUARD LOCATION SLAB SIZE 3 & 4

GENERAL REQUIREMENTS FOR THREE PHASE TRANSFORMER SLAB

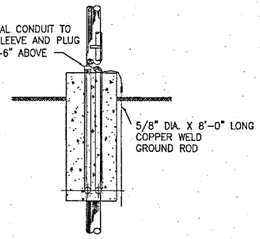
1. CONTRACTOR TO INSTALL SLAB COMPLETE WITH ALL PRIMARY & SECONDARY CONDUIT RUNS, PRIMARY CONDUITS ON POWER CO. POLE, SECONDARY CONDUCTORS, SECONDARY TERMINALS ON SECONDARY CONDUCTORS & PULL STRING IN PRIMARY CONDUIT UNLESS OTHERWISE SPECIFIED. CUSTOMER TO OWN ABOVE PARTS UNLESS OTHERWISE SPECIFIED.
2. POWER CO. TO CONNECT SECONDARY TERMINALS TO TRANSFORMER UNLESS OTHERWISE SPECIFIED.
3. POINT OF SERVICE TO BE WHERE SECONDARY CONDUCTORS TERMINATE ON TRANSFORMER SECONDARY TERMINALS UNLESS OTHERWISE SPECIFIED.
4. POWER CO. TO INSTALL PAD MOUNT TRANSFORMER, ONE 3-PHASE UNDERGROUND PRIMARY CIRCUIT WITH NEUTRAL, PRIMARY POTHEADS ON POLE & METERING UNLESS OTHERWISE SPECIFIED.



TERMINAL POLE
SIDE VIEW

REQUIREMENTS FOR THREE PHASE TRANSFORMER SLAB

1. THE CONTRACTOR MUST COORDINATE THE TRANSFORMER SELECTION SLAB SIZE, CONDUIT SIZE AND NUMBER, AND CONDUCTOR SIZE WITH POWER COMPANY.
2. AT LEAST TWO DAYS NOTICE SHALL BE PROVIDED TO POWER CO. PRIOR TO POURING OF CONCRETE TO ALLOW INSPECTION OF INSTALLATION BY POWER CO. REPRESENTATIVE.
3. CLEARANCES
   - A. A MINIMUM OF 6FT CLEARANCE SHALL BE PROVIDED AT THE FRONT OF THE TRANSFORMER SLAB.
   - B. CLEARANCES BETWEEN OIL FILLED EQUIPMENT AND BUILDINGS, STRUCTURES, ETC., MUST FOLLOW ALL APPLICABLE CODES. COORDINATE WITH POWER COMPANY.
   - C. WHEN METERING IS TO BE INSTALLED AT THE TRANSFORMER, A MINIMUM CLEARANCE OF 30 INCHES FROM THE SLAB SHALL BE PROVIDED ON THE SECONDARY SIDE.
   - D. CLEARANCE FROM CONDUITS TO OTHER UTILITIES, I.E. GAS, WATER, SEWER, ETC., MUST FOLLOW ALL APPLICABLE CODES.
4. FENCES
   SEE POWER CO. ELECTRIC STANDARDS 10.2 FOR ADDITIONAL INFORMATION.
   - A. FENCES SHALL NOT BE INSTALLED ON THE TRANSFORMER SLAB.
   - B. DETAILS FOR PROPOSED FENCES, ACCESS GATES AND / OR REMOVABLE PANELS MUST BE COORDINATED WITH POWER CO.
5. CONDUIT
   SEE POWER CO. ELECTRIC STANDARDS 8.10 FOR ADDITIONAL INFORMATION.
   - A. CONDUIT ELBOWS SHALL HAVE A MINIMUM RADIUS OF 24" FOR 2 1/2" AND 3" CONDUIT AND A MINIMUM RADIUS OF 36" FOR CONDUIT LARGER THAN 3".
   - B. SECONDARY CONDUITS MUST BE INSTALLED WITHIN THE SECONDARY CONDUIT AREA DIMENSIONS GIVEN IN TABLE II. CONSULT THE ENGINEERING DEPARTMENT IF YOU EXCEED THE SECONDARY AREA DIMENSIONS.
   - C. A MAXIMUM OF EIGHT (8) CONDUITS MAY CONTAIN CABLES. ANY NUMBER OF CONDUITS EXCEEDING EIGHT (8) SHALL BE SPARE CONDUITS ONLY AND SHALL NOT BE FILLED WITH CABLES.
6. CONDUCTORS
   SEE POWER CO. ELECTRIC STANDARDS 8.11 & 8.12 FOR ADDITIONAL INFORMATION.
   - A. A MAXIMUM OF EIGHT (8) CONDUCTORS PER PHASE MAY BE INSTALLED IN THE TRANSFORMER SECONDARY CABLE COMPARTMENT.
   - B. LENGTH OF WIRE, PROPER CONNECTION AND PHASE ROTATION IS THE RESPONSIBILITY OF CONTRACTOR.
   - C. NO EXTRA CABLE (SEE NATIONAL ELECTRIC CODE 310-4, PARALLEL CONDUCTORS) WILL BE ALLOWED IN SECONDARY COMPARTMENT.
7. TERMINATION'S
   SEE POWER CO. ELECTRIC STANDARDS 8.12 FOR ADDITIONAL INFORMATION.
   - A. INSTALL NEMA STANDARD TERMINALS ON ALL CONDUCTORS.
8. CONCRETE
   - A. CONCRETE FOR SLAB TO BE 3000 PSI COMPRESSIVE STRENGTH.
9. SLAB FOUNDATION SUPPORT
   SEE POWER CO. ELECTRIC STANDARDS 8.10 FOR ADDITIONAL INFORMATION.
   - A. THE FOUNDATION DESIGN MUST HAVE THE SIGNED APPROVAL OF THE POWER CO. REPRESENTATIVE.
   - B. ONE COPY OF THE PLAN FOR THE TRANSFORMER SLAB INSTALLATION AND FOUNDATION DESIGN MUST BE FILED WITH POWER CO. / ENGINEER OR REPRESENTATIVE PRIOR TO CONSTRUCTION OF SLAB.
10. TRAFFIC GUARDS (BOLLARDS)
    - A. TRAFFIC GUARDS (BOLLARDS) WHEN REQUIRED BY POWER CO. SHALL BE 4 INCH GALVANIZED STEEL PIPE, CONCRETE FILLED, 6 FEET IN LENGTH AND INSERTED IN 5 INCH GALVANIZED STEEL PIPE SLEEVES INSTALLED IN THE TRANSFORMER SLAB. THE 4 INCH PIPE SHALL BE REMOVABLE.
11. NOTE:
    - A. ANY DEVIATION FROM THESE REQUIREMENTS MUST HAVE THE WRITTEN APPROVAL OF THE POWER COMPANY ENGINEERING DEPARTMENT.



TERMINAL POLE
FRONT VIEW

CONTRACTOR NOTE:

THIS DETAIL IS FOR INFORMATIONAL PURPOSES ONLY. THE POWER COMPANY STANDARDS SHALL BE ADHERED TO AND ANY TRANSFORMER PAD MUST BE CONSTRUCTED TO GULF POWER STANDARDS.

TABLE - II

TRANSFORMER SIZE	TOTAL SECONDARY CONDUIT AREA "W"	"X"
150KVA	18"	22 1/2"
300/500/750KVA	18"	25 1/2"
1000 & 1500KVA	18"	25 1/2"
2000,2500 & 3750KVA	18"	30 1/2"

TABLE - I

SLAB SIZE	KVA	"A"	"B"	"C"	* TYPE I "D"	"E"	* * TYPE II "D"	"E"	"F"	TRAFFIC GUARDS POSTS	"G"	POSTS	"H"	COPPER GROUND WIRE SIZE ALL VOLTAGES	REBAR DIA.	REBAR SPACING	"J"	"K"	WEIGHT (1000lb.) TRANSFORMER	SLAB	TOTAL	* TYPE I "L"	"M"	* * TYPE II "L"	"M"
1	150 300	9'-2"	11'-0"	8"	6"	10"	1'-1"	6"	4'-8"	3	4'-1"	3	5'-0"	1/0 AWG	5/8"	6"	4"	3"	7	12	19	3'-3"	3'-1"	3'-0"	3'-1"
2	500 750	9'-8"	12'-3"	8"	6"	10"	1'-1"	7"	4'-10"	3	4'-4"	4	3'-9"	1/0 AWG	5/8"	6"	4"	4 1/2"	12	14	26	3'-6"	3'-4"	3'-2"	3'-4"
3	1000 1500	12'-0"	13'-6"	10"	6"	10"	1'-1"	8"	5'-5"	4	3'-8"	4	4'-2"	1/0 AWG	3/4"	9"	4 1/2"	4 1/2"	19	21	40	4'-8"	4'-6"	4'-3"	4'-6"
4	2000 2500 3750	13'-0"	15'-6"	10"	6"	12"	1'-1"	9"	6'-0"	4	4'-0"	4	4'-10"	1/0 AWG	3/4"	6"	3"	3"	29	26	55	5'-0"	5'-0"	4'-8"	5'-0"

* TYPE I -- IS A RADIAL PRIMARY FEED TYPE TRANSFORMER
* * TYPE II -- IS A LOOP PRIMARY FEED TYPE TRANSFORMER

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

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DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3227
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

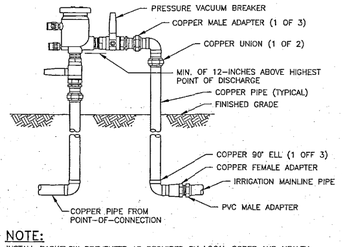
TRANSFORMER PAD DETAILS

FINAL COMPARISON - 5/9/2018

DATE 05-9-17

SP2.3

JOB No. 170811

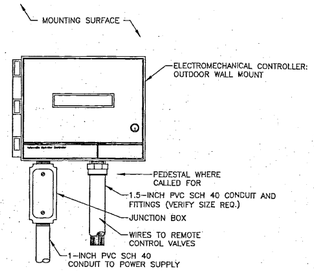


NOTE:

1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.
2. BRACE EXPOSED COPPER PIPE WITH UNISTRUT POST AND BRACKETS.

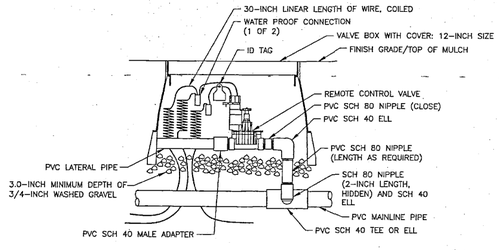
1 SP2.5 PRESSURE VACUUM BREAKER

SCALE: NONE



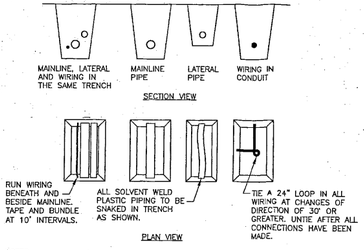
2 SP2.5 ELECTROMECHANICAL CONTROLLER

SCALE: NONE



3 SP2.5 REMOTE CONTROL VALVE

SCALE: NONE

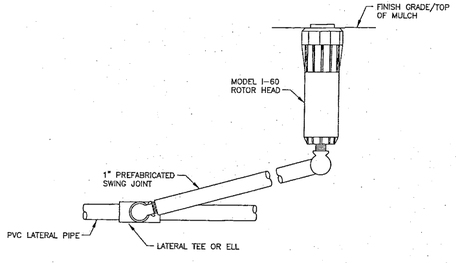


NOTES:

1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 200 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. FOR PIPE AND WIRE BURIAL DEPTHS SEE SPECIFICATIONS.

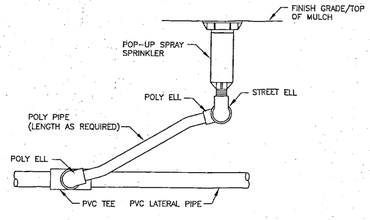
4 SP2.5 PIPE & WIRE TRENCHING

SCALE: NONE



5 SP2.5 I-60 ROTARY SPRINKLER

SCALE: NONE



6 SP2.5 POP-UP FIXED SPRAY & PGP ROTARY SPRINKLER SPRAY SPRINKLER

SCALE: NONE

IRRIGATION NOTES

CONSULT ARCHITECT'S AND ENGINEER'S PLANS FOR LOCATION OF UNDERGROUND UTILITIES.

WHERE MODEL FIXED SPRAY, MP ROTATORS AND BUBBLERS ARE CALLED FOR, PROVIDE 4" POP-UPS IN TURF AREAS AND 12" HI-POPS IN GROUND COVERS AREAS AND SHRUB RISERS IN SHRUB AREAS.

COORDINATE WORK WITH LANDSCAPE CONTRACTOR – PLANT LOCATIONS TAKE PRIORITY OVER PIPE LOCATIONS.

LOCATE CONTROLLER ON EXTERIOR WALL OF ADMINISTRATION BUILDING AS INDICATED ON PLAN. A 110 VOLT OUTLET IS PROVIDED.

ALL PIPE AND CONTROL WIRE UNDER PAVEMENT TO BE IN SLEEVES (SEE SPECIFICATIONS).

VERIFY MINIMUM 20 PSI OPERATING PRESSURE IN EACH ZONE – BEFORE BEGINNING INSTALLATION.

PLACE ALL VALVES IN 10" DIA. BOXES.

PROVIDE TAP INTO EXISTING WATER MAIN, BORE UNDER EXISTING HIGHWAY.

HAVE UTILITIES MARKED BY "LOUISIANA ONE CALL".

PERFORM ALL WORK IN ACCORD WITH LOCAL CODES.

FOR CLARITY, ¾" PIPE IS NOT LABELED ON THE DRAWINGS.

SECTION	GALLONS	SECTION	GALLONS	SECTION	GALLONS	SECTION	GALLONS	SECTION	GALLONS
1	46.5	12	50.3	23	60	34	68	45	56
2	63	13	64	24	42	35	56	46	47
3	63	14	60	25	31.1	36	56	47	42
4	53	15	60	26	60	37	56	48	56
5	63	16	67	27	68	38	56	49	40
6	44	17	60	28	64	39	52	50	52
7	40	18	60	29	56	40	49	51	60
8	69.5	19	63	30	48	41	56	52	48
9	60	20	60	31	56	42	44	53	64
10	64	21	60	32	56	43	36	54	60
11	58	22	60	33	56	44	56		

0 SP2.5 GALLONAGE REQUIREMENTS

SCALE: NONE

PIPE SIZE	GALLONS PER MINUTE
½"	0 – 5
¾"	6 – 10
1"	11 – 15
1 ¼"	16 – 25
1 ½"	26 – 40
2"	41 AND ABOVE

0 SP2.5 PIPE SIZING

SCALE: NONE

TYPICAL IRRIGATION DETAILS

DETAILS SHOWN HEREON ARE TYPICAL IRRIGATION SYSTEM DETAILS TO BE UTILIZED IN THE DESIGN AND CONSTRUCTION OF THE IRRIGATION SYSTEM FOR THE PROPOSED FACILITY. THE SYSTEM SHALL BE ZONED AS REQUIRED TO PROVIDE FOR THE COMPLETE IRRIGATION OF THE SITE. THE SYSTEM SHALL BE COMPLETE WITH COMMERCIAL GRADE COMPONENTS AND SHALL BE FULLY PROGRAMMABLE. THE CONTRACTOR SHALL TRAIN THE OWNER FOR THE OPERATION AND GENERAL MAINTENANCE OF THE SYSTEM.

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FOY B. GADBERRY LICENSE No. 62371 STATE OF FLORIDA PROFESSIONAL ENGINEER

Document signed by: Foy B. Gadberry

5/15/18

DAVID LANE BEAIRD & ASSOCIATES, INC.
CONSULTING ENGINEERS
CIVIL & STRUCTURAL ENGINEERS PLANNING PROJECT MANAGEMENT
105 COMMERCIAL PARKWAY, WEST MONROE, LOUISIANA 71291 (318) 388-3227
FLORIDA CERTIFICATE OF AUTHORIZATION # 31340

CITY OF PENSACOLA

ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

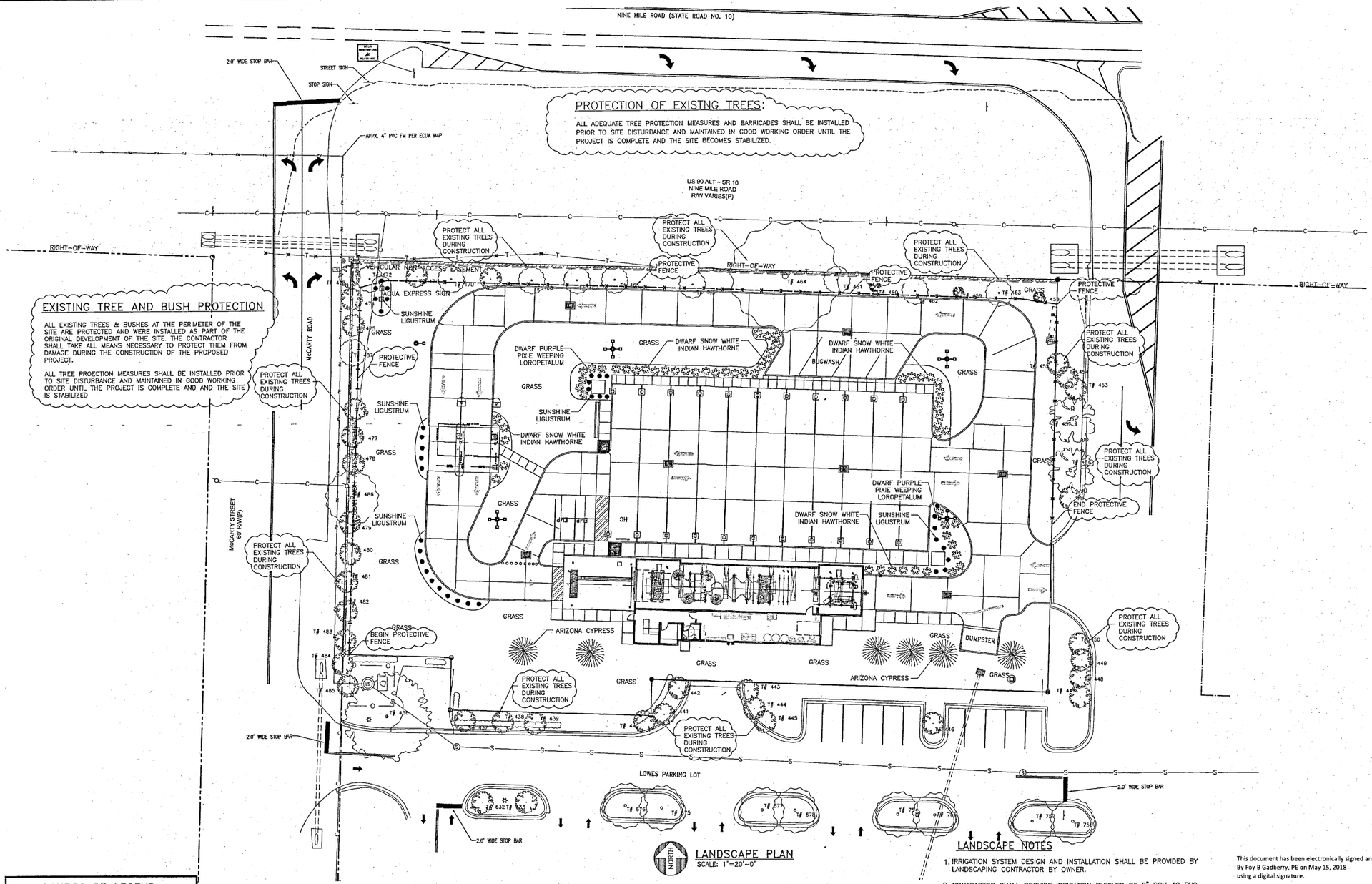
IRRIGATION DETAILS

FINAL COMPARISON - 5/9/2018

DATE: 05-9-17

SP2.4

JOB No. 170811



PROTECTION OF EXISTNG TREES:

ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL THE PROJECT IS COMPLETE AND THE SITE BECOMES STABILIZED.

EXISTING TREE AND BUSH PROTECTION

ALL EXISTING TREES & BUSHES AT THE PERIMETER OF THE SITE ARE PROTECTED AND WERE INSTALLED AS PART OF THE ORIGINAL DEVELOPMENT OF THE SITE. THE CONTRACTOR SHALL TAKE ALL MEANS NECESSARY TO PROTECT THEM FROM DAMAGE DURING THE CONSTRUCTION OF THE PROPOSED PROJECT.

ALL TREE PROJECTION MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL THE PROJECT IS COMPLETE AND AND THE SITE IS STABILIZED

LANDSCAPE PLAN

SCALE: 1"=20'-0"

LANDSCAPE LEGEND

DWARF SNOW WHITE INDIAN HAWTHORNE (3 GAL)	✿
DWARF PURPLE PIXIE WEEPING LOROPETALUM (3 GAL)	✿
SUNSHINE LIGUSTRUM (3 GAL)	●
ARIZONA CYPRESS (15 GAL)	✳

LANDSCAPE ARCHITECT REQUIREMENTS

THIS DRAWING IS A CONCEPT DRAWING ONLY—PRODUCED TO INSURE THAT LANDSCAPING DESIGN AND INSTALLATION ARE INCLUDED IN THE CONTRACT TO CONSTRUCT THE FACILITY. ALL LANDSCAPING SHALL BE PER A LANDSCAPE ARCHITECT REGISTERED IN THE STATE OF FLORIDA AS REQUIRED BY FLORIDA LAW. THE CONTRACTOR SHALL SECURE THESE SERVICES AND SHALL PROVIDE FOR THE LANDSCAPING AND IRRIGATION SYSTEM IN HIS PRICING. ACTUAL SPECIES OF PLANTS ARE TO BE DETERMINED BY THE LANDSCAPE ARCHITECT AND THE OWNER.

LANDSCAPE NOTES

1. IRRIGATION SYSTEM DESIGN AND INSTALLATION SHALL BE PROVIDED BY LANDSCAPING CONTRACTOR BY OWNER.
2. CONTRACTOR SHALL PROVIDE IRRIGATION SLEEVES OF 2" SCH 40 PVC PIPING AS INDICATED ON SITE PLAN. SLEEVES SHALL EXTEND 18" OUTSIDE OF PAVEMENT AND SHALL BE CAPPED FOR FUTURE INSTALLATIONS.
3. ALL PLANTINGS SHALL BE IN ACCORDANCE WITH THE COUNTY LAND DEVELOPMENT CODES.
4. THIS PLAN IS SCHEMATIC TO SHOW A GENERAL LAYOUT OF THE REQUIRED PLANTINGS. LANDSCAPER SHALL PROVIDE A DETAILED LAYOUT TO THE OWNER WITH FINAL PLANT SELECTIONS FOR APPROVAL. SEE TYPICAL PLANTING DETAILS & NOTES.
5. LANDSCAPING CONTRACTOR TO PROVIDE PLANT SELECTIONS TO OWNER FOR APPROVAL PRIOR TO CONTRACT SIGNED BY THE OWNER.
6. SEE PLAN FOR IRRIGATION SLEEVES UNDER PAVEMENT.
7. LANDSCAPING CONTRACTOR SHALL MOUND BEDS TO ALLOW OVER THE CURB DRAINAGE AT ALL BEDS

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ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

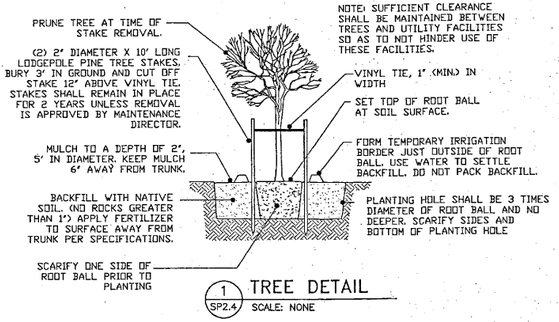
LANDSCAPING PLAN

FINAL COMPARISON - 5/9/2018

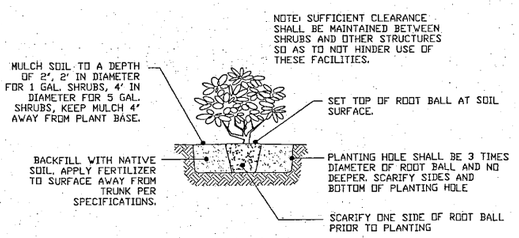
DATE: 05-9-17

LS1.0

JOB No. 170811



1 SP2.4 TREE DETAIL
SCALE: NONE



2 SP2.4 SHRUB DETAIL
SCALE: NONE

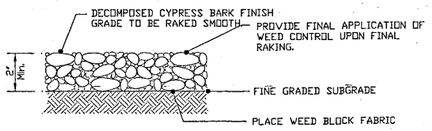
NOTE:
1. ENTIRE SITE SHALL BE IRRIGATED BY AN AUTOMATIC SYSTEM INSTALLED BY PERSON LICENSED & TRAINED FOR SUCH WORK. TIMER SHALL BE INSTALLED AS REQUIRED. SYSTEM SHALL ALSO HAVE PROPER CHECK VALVES AND BACKFLOW PREVENTER. PROVIDE FREEZE PROTECTION. LOCATE VALVES TO ADEQUATELY BREAKDOWN STATIONS ACCORDING TO WATER METER LOCATION AND HEAD PRESSURE.

2. LIMIT NUMBER OF HEADS TO RUN PROPERLY FOR PRESSURE AND VOLUME SOURCE.

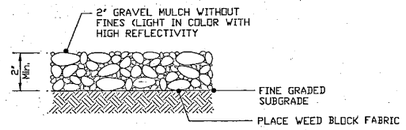
3. PIPING SLEEVES BENEATH PAVEMENT TO BE INSTALLED BY IRRIGATION CONTRACTOR.

4. ALL BED AREAS SHALL BE PREPPED WITH MULCH FOR PROPER PLANTING FOR THE AREA. ALL BEDS TO BE TOP DRESSED WITH RED MULCH FOR FINISH LOOK.

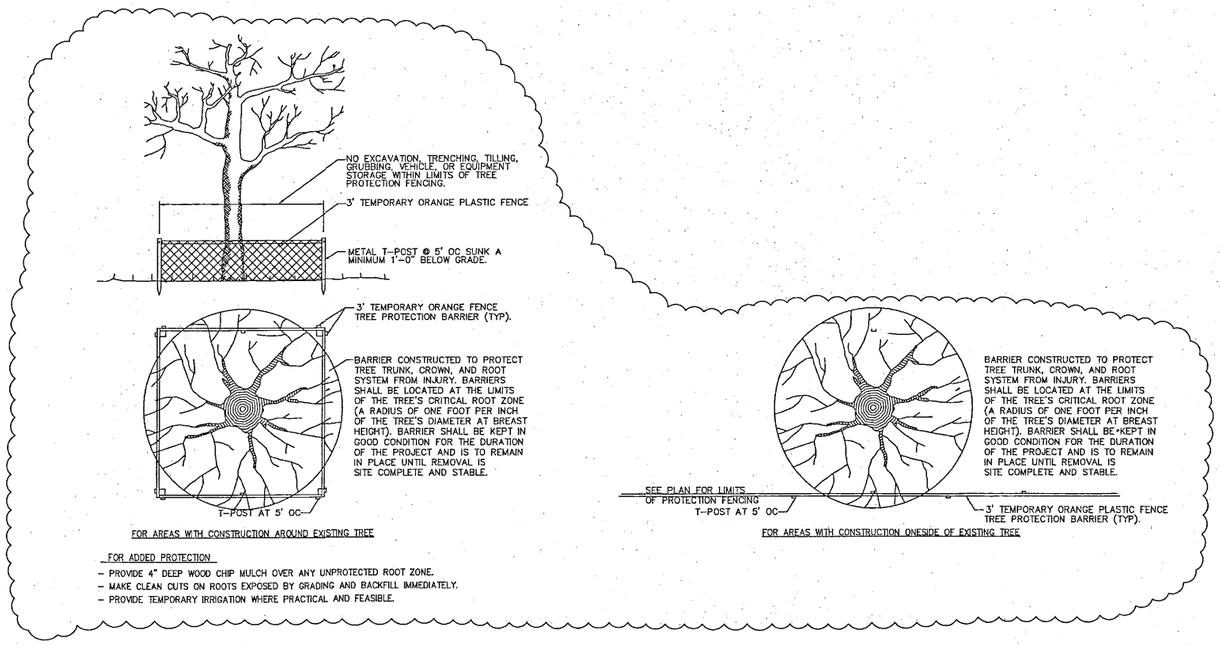
5. ALL SOD TO BE CENTIPEDE LAID OVER A MINIMUM OF 2" TOPSOIL.



3 SP2.4 MULCH DETAIL (AT PLANTS ONLY)
SCALE: NONE



4 SP2.4 XEROSCAPING DETAIL
SCALE: NONE



FOR AREAS WITH CONSTRUCTION AROUND EXISTING TREE

FOR AREAS WITH CONSTRUCTION ONESIDE OF EXISTING TREE

FOR ADDED PROTECTION
- PROVIDE 4" DEEP WOOD CHIP MULCH OVER ANY UNPROTECTED ROOT ZONE.
- MAKE CLEAN CUTS ON ROOTS EXPOSED BY GRADING AND BACKFILL IMMEDIATELY.
- PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.

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5/7/18

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ESCAMBIA COUNTY, FLORIDA

AQUA EXPRESS CARWASH

CITY OF PENSACOLA

LANDSCAPE DETAILS

FINAL COMPARISON - 5/9/2018

DATE 05-9-17

LS2.0

JOB No. 170811