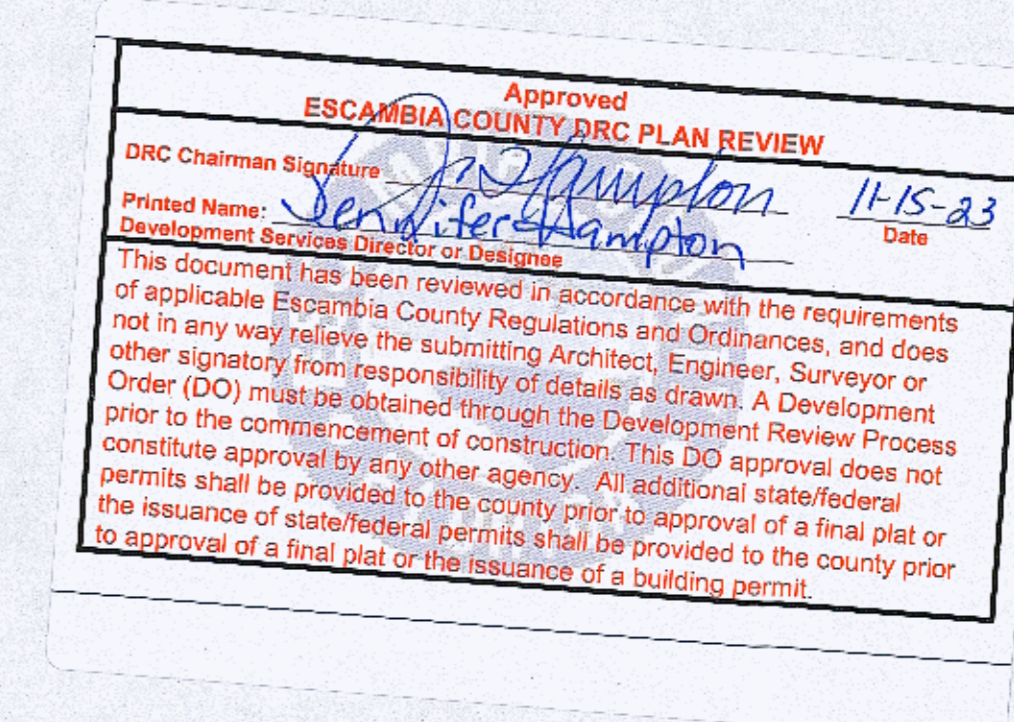


# CONSTRUCTION PLANS FOR WAWA RANSLEY STATION 8840 BOESCH LANE

## ESCAMBIA COUNTY, FLORIDA 32534

### SECTION 11, TOWNSHIP 1 SOUTH, RANGE 31 WEST

## NOVEMBER 2023



#### GENERAL NOTES

**FEMA DESIGNATION:**  
THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT ANNUAL CHANCE FLOOD PLAINS. NO SFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0290G, MAP REVISION DATED SEPTEMBER 29, 2006. PRELIM MAPS JANUARY 27, 2017, MAP PANEL NUMBER 12033C0340J LOCATED IN FLOOD ZONE X.

**WATER:**  
POTABLE WATER SERVICE WILL BE PROVIDED BY ECUA

**SEWER:**  
WASTEWATER SERVICE WILL BE PROVIDED BY ECUA

**DRAINAGE:**  
THIS PROJECT SHALL UTILIZE THE EXISTING APPROVED POND FOR THE RANSLEY STATION MASTER PLAN VIA PIPING STORMWATER RUNOFF FROM THE SITE TO THE POND.

**CONTOURS:**  
TOPOGRAPHIC INFORMATION PROVIDED BY A SURVEY FROM MERRILL PARKER SHAW, INC. DATED JUNE 6, 2023. ELEVATIONS ARE IN NAVD 88 DATUM.

**ONSITE BENCH MARKS:**  
-SEE TOPOGRAPHIC SURVEY.

**PERMITS:**  
-ESCAMBIA COUNTY - SITE PLAN PERMIT  
-NWFVMD - ENVIRONMENTAL RESOURCE PERMIT  
-ECUA/FDEP UTILITIES - WATER & FORCE MAIN PERMIT  
-FDOT - DRAINAGE CONNECTION EXEMPTION PERMIT  
NOTE: ALL SIGNS WILL REQUIRE A SEPARATE ESCAMBIA COUNTY SIGN PERMIT

**CONSTRUCTION:**  
1. ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE AND FDOT SPECIFICATIONS.  
2. NO SITE WORK SHALL BE CONDUCTED PRIOR TO OBTAINING A "SITE PERMIT" FROM THE COUNTY.  
3. ALL MATERIALS, MACHINERY, AND VEHICLES SHALL BE STORED ON-SITE IN AN ORDERLY FASHION.  
4. ALL STORMWATER MANAGEMENT SYSTEMS SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF IMPERVIOUS AREAS.

#### PROJECT TEAM

**DEVELOPER:**  
CAH DEVELOPMENTS, LLC  
41 N. JEFFERSON STREET  
4TH FLOOR  
PENSACOLA, FLORIDA 32502  
(850) 607-6069

**OWNER:**  
RANSLEY STATION DEVELOPMENT, LLC  
41 N. JEFFERSON STREET  
4TH FLOOR  
PENSACOLA, FLORIDA 32502  
(850) 607-6069

**CIVIL ENGINEER CONSULTANT:**  
KIMLEY HORN AND ASSOCIATES, INC.  
120 RICHARD JACKSON BOULEVARD  
SUITE 230  
PANAMA CITY BEACH, FLORIDA 32407  
(850) 553-3500

**SURVEYOR:**  
MERRILL PARKER SHAW, INC.  
4026 N. DAVIS HIGHWAY  
PENSACOLA, FLORIDA 32503  
(850) 478-4923

#### UTILITY PROVIDERS

**WATER, SEWER & RECLAIMED:**  
EMERALD COAST UTILITY AUTHORITY  
PO BOX 15311  
PENSACOLA, FLORIDA 32514  
(850) 989-3310

**CABLE TV:**  
COX CABLE  
2421 EXECUTIVE PLAZA  
PENSACOLA, FLORIDA 32504  
(850) 657-4654

**ELECTRIC:**  
FLORIDA POWER & LIGHT  
GULF POWER, 1 ENERGY PLACE  
PENSACOLA, FLORIDA 32520  
(800) 778-9140

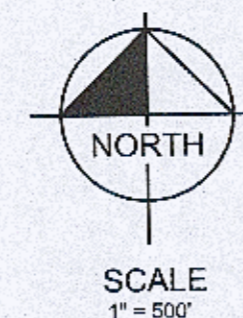
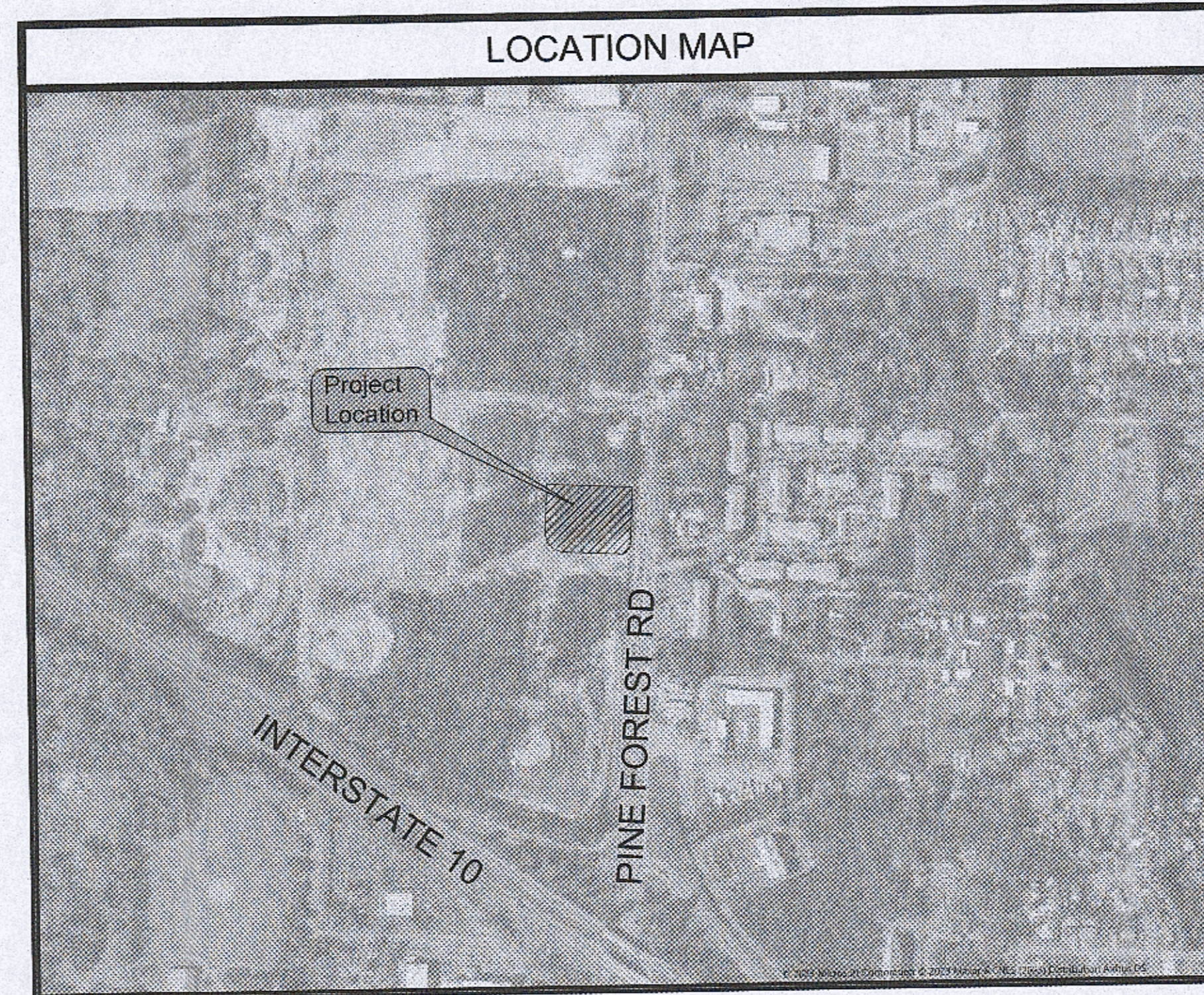
**NATURAL GAS:**  
PENSACOLA ENERGY  
1125 ATWOOD DRIVE  
PENSACOLA, FLORIDA 32514  
(850) 474-5310

**TELEPHONE:**  
AT & T FLORIDA  
605 WEST GARDEN STREET  
PENSACOLA, FLORIDA 32501  
(850) 436-1488

**TRAFFIC DEPARTMENT:**  
3383 WEST PARK PLACE  
PENSACOLA, FLORIDA 32505  
(850) 595-3404

#### SITE DATA TABLE

BUILDING TYPE:	U59 FB-R
CANOPY TYPE:	SLOPED
CANOPY CONFIGURATION:	STACKED
# OF MPD'S:	8
TYPE MPD'S:	(4) 3+1+1 & (4) 4+1
# OF PARKING PLACES:	68
# OF HCP:	3
# OF TRUCK/OVERSIZE PARKING:	0
SQ. FT. OF ASPHALT (TO BE SEAL COATED):	58,185
SQ. FT. OF LAWN AREA (TO BE MOWED):	15,780
SQ. FT. OF MULCH AREA:	1,113



Sheet List Table	
Sheet Number	Sheet Title
C000	COVER SHEET
C001	GENERAL NOTES
C100	EXISTING CONDITIONS
C101	DEMOLITION AND SWPPP
C102	EROSION CONTROL DETAILS
C103	SWPPP NOTES
C104	SWPPP DETAILS
C200	SITE PLAN
C201	ADA PLAN
C202	TRUCK TURN
C300	GRADING AND DRAINAGE PLAN
C301	ADA PATH GRADING PLAN
C400	UTILITY PLAN
C500	CONSTRUCTION DETAILS
C501	CONSTRUCTION DETAILS
C502	CONSTRUCTION DETAILS
C503	CONSTRUCTION DETAILS
C504	CONSTRUCTION DETAILS
C506	CONSTRUCTION DETAILS
L1.1	LANDSCAPE PLAN
L1.2	LANDSCAPE DETAILS
L1.3	LANDSCAPE SPECIFICATIONS

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

REVISIONS: \_\_\_\_\_

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
120 RICHARD JACKSON BOULEVARD SUITE 230  
PANAMA CITY BEACH, FL 32407 PHONE: 850-553-3500  
WWW.KIMLEY-HORN.COM

KHA PROJECT: 043490002  
DATE: NOVEMBER 2023  
SCALE: AS SHOWN  
DESIGNED BY: EAS  
DRAWN BY: MDW  
CHECKED BY: EAS

### COVER SHEET

WAWA RANSLEY STATION  
STATION PREPARED FOR  
CAH DEVELOPMENTS, LLC

ESCAMBIA COUNTY FLORIDA

SHEET NUMBER  
**C000**

Plotted By: Stewart, Elm Sheet Set: WAWA RANSLEY STATION Logon: C:\C001 GENERAL NOTES November 12, 2023 10:58:30am K:\p\d-b-chem\10-24-2023\10-24-2023-10-24-2023-10-24-2023.dwg

GENERAL NOTES:

- 1. ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS OBTAINED IN THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE...
2. ELEVATIONS BASED ON SURVEY PROVIDED BY MERRILL PARKER SHAW, INC., DATED JUNE 6, 2023.
3. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE SITE PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIAL FROM THEIR OPERATION...

DEMOLITION NOTES:

- 1. CODES ALL CODES REGULATING DEMOLITION WORK SHALL BE COMPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL PUT UP AND MAINTAIN BARRIER AND WARNING LIGHTS, AS MAY BE NECESSARY OR REQUIRED BY CODE...
2. PROTECTION OF BUILDINGS & EQUIPMENT TEMPORARY PROTECTIVE BARRIERS, AS REQUIRED SHALL BE INSTALLED ADJACENT TO THE DEMOLITION WORK FOR PROTECTION...

SIGNAGE AND PAVEMENT MARKING NOTES:

- 1. PROJECT SIGNS SHALL MEET ALL APPLICABLE REQUIREMENTS BASED ON LOCAL SIGN ORDINANCE.
2. CONTRACTOR IS RESPONSIBLE FOR ALL SIGN PERMITTING.
3. ALL FINAL PAVEMENT MARKINGS WITHIN THE STATE AND PUBLIC RIGHT-OF-WAYS SHALL BE THERMOPLASTIC.

PAVING AND DRAINAGE NOTES:

- 1. ALL GRADING, PLACEMENT OF FILL, AND COMPACTION SHALL BE IN ACCORDANCE WITH ESCAMBIA COUNTY STANDARD SPECIFICATIONS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
2. THE CONTRACTOR SHALL CONSTRUCT ALL DRAINAGE STRUCTURES TO THE DESIGN ELEVATIONS SHOWN AND IN COMPLIANCE WITH TYPICAL CONSTRUCTION DETAILS.
3. CONTRACTOR MUST SALVAGE EXISTING TOP SOIL WITHIN PROJECT SITE OR REPLACE AT HIS OWN EXPENSE.

GEOTECHNICAL NOTES:

- 1. IF CLAYEY SOILS ARE ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER FOR RECOMMENDATIONS ON HOW TO PROCEED WITH THE PLACEMENT AND USE OF THESE SOILS.
2. SHOULD ANY SINKHOLE ACTIVITY BE OBSERVED DURING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IMMEDIATELY FOR GUIDANCE ON REPAIRING THE SINKHOLE.

STORMWATER NOTES:

- 1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO 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...
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
3. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY.

WATER/SEWER SEPARATION REQUIREMENTS (ECUA/FDEP):

EXCEPTIONS/MITIGATION: WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE TO COMPLY WITH THE REQUIREMENTS IN ITEMS (1) THROUGH (4) ABOVE, THE CONTRACTOR SHALL STOP WORK AND IMMEDIATELY NOTIFY THE ENGINEER OF RECORD...
SANITARY SEWER SYSTEM NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ECUA STANDARD SPECIFICATIONS OR WATER AND SEWER CONSTRUCTION DESIGN MANUAL, WHERE THESE NOTES CONFLICT WITH ECUA ENGINEERING MANUAL, THE ECUA MANUAL SHALL TAKE PRECEDENCE.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND CONNECTION POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION...
3. ALL EQUIPMENT AND MATERIALS SHALL COMPLY WITH ECUA ENGINEERING MANUAL. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIAL FOR APPROVAL BY THE ENGINEER AND ECUA UTILITIES DEPARTMENT PRIOR TO THE PURCHASE OR INSTALLATION OF ANY EQUIPMENT OR MATERIAL.

POTABLE WATER SYSTEM NOTES:

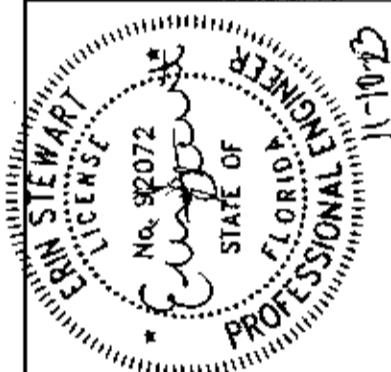
- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH EMERALD COAST UTILITY AUTHORITY (ECUA) STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION, WHERE THESE NOTES CONFLICT WITH ECUA ENGINEERING MANUAL, THE ECUA MANUAL SHALL TAKE PRECEDENCE...
2. ALL WATER AND SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR WITH A CLASS 5 LICENSE UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES.

POTABLE WATER SYSTEM NOTES (CONTINUED):

- 1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIAL FOR APPROVAL BY THE ENGINEER AND ECUA UTILITIES DEPARTMENT PRIOR TO THE PURCHASE OR INSTALLATION OF ANY EQUIPMENT OR MATERIAL.
2. EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN SHOWN, BASED ON THE BEST INFORMATION AVAILABLE, WITHOUT EXPLORATORY EXCAVATIONS...
3. THE VERTICAL LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLAN SHEETS HAVE BEEN ASSUMED. THE CONTRACTOR SHALL EXERCISE CAUTION DURING EXCAVATION FOR EXISTING UTILITIES SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF THE LOCATION DIFFERS FROM THAT SHOWN ON THE PLANS BEFORE CONTINUING WITH CONSTRUCTION.

Table with columns: NO., REVISIONS, DATE, BY.

Kimley-Horn and Associates, Inc. 2023 KIMLEY-HORN AND ASSOCIATES, INC. 120 RICHARD JACKSON SQUARE SUITE 230 PANAMA CITY BEACH, FL 32407 PHONE: 850-933-3500 WWW.KIMLEY-HORN.COM



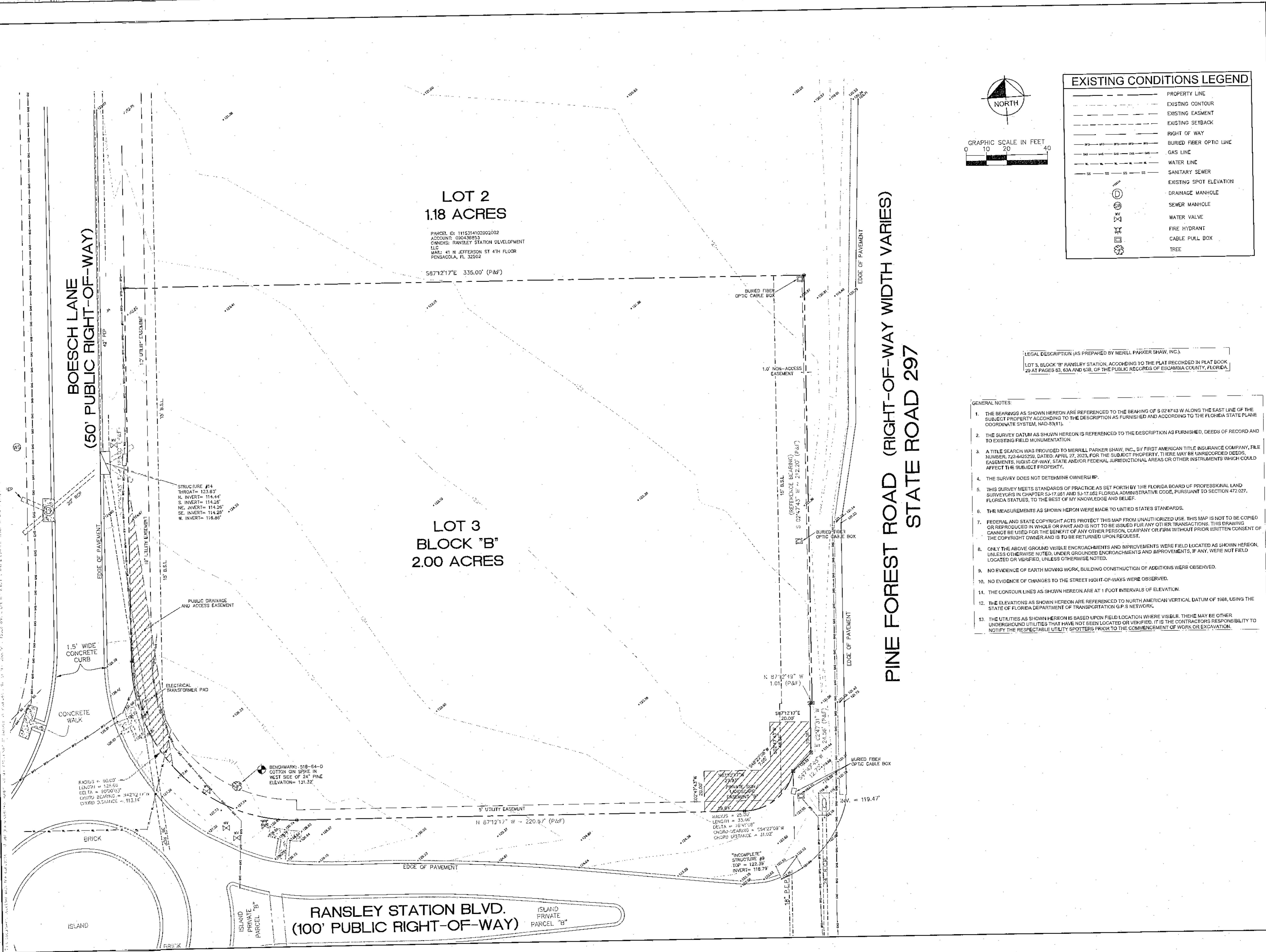
WAWA PROJECT 04-24-2022 DATE OCTOBER 2023 SCALE: AS SHOWN DESIGNED BY EAS DRAWN BY MDR CHECKED BY EAS

GENERAL NOTES

WAWA RANSLEY STATION PREPARED FOR CAH DEVELOPMENTS, LLC ESCAMBIA COUNTY FLORIDA SHEET NUMBER C001

CALL 2 BUSINESS DAYS BEFORE YOU DIG IT'S THE LAW! DIAL 811 Know what's below. Call before you dig. SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Plotter: By: Stewart, Erin Sheet: S41 WAWA RANSELY STATION Layout: EXISTING CONDITIONS November 12, 2023 10:08:35am K:\pbc\_civil\0-1490002-wawa-ransleystation\03\_CAD\DWG\EXISTING CONDITIONS MAP.dwg



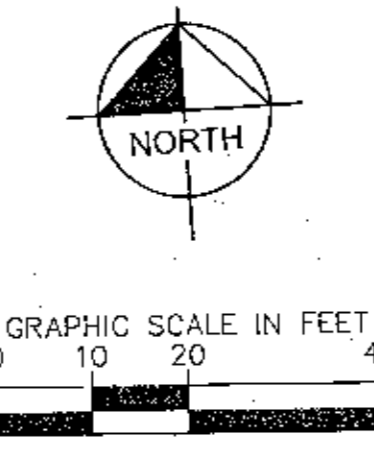
**LOT 2**  
1.18 ACRES

PARCEL ID: 1115314102002002  
ACCOUNT: 090436853  
OWNER: RANSELY STATION DEVELOPMENT  
LLC  
MAIL: 41 N JEFFERSON ST 4TH FLOOR  
PENSACOLA, FL 32502

S87°12'17"E 335.00' (P&F)

**LOT 3**  
**BLOCK "B"**  
2.00 ACRES

EXISTING CONDITIONS LEGEND	
	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING EASEMENT
	EXISTING SETBACK
	RIGHT OF WAY
	BURIED FIBER OPTIC LINE
	GAS LINE
	WATER LINE
	SANITARY SEWER
	EXISTING SPOT ELEVATION
	DRAINAGE MANHOLE
	SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	CABLE PULL BOX
	TREE

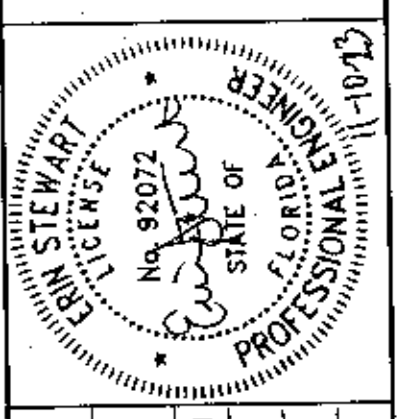


LEGAL DESCRIPTION (AS PREPARED BY MERRILL PARKER SHAW, INC.)  
LOT 3, BLOCK "B" RANSELY STATION, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20 AT PAGES 63, 63A AND 63B, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

- GENERAL NOTES:**
- THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE BEARING OF S 02°47'43" W ALONG THE EAST LINE OF THE SUBJECT PROPERTY ACCORDING TO THE DESCRIPTION AS FURNISHED AND ACCORDING TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NAD-83(11).
  - THE SURVEY DATUM AS SHOWN HEREON IS REFERENCED TO THE DESCRIPTION AS FURNISHED, DEEDS OF RECORD AND TO EXISTING FIELD MONUMENTATION.
  - A TITLE SEARCH WAS PROVIDED TO MERRILL PARKER SHAW, INC., BY FIRST AMERICAN TITLE INSURANCE COMPANY, FILE NUMBER: T22-4425229, DATED APRIL 27, 2023, FOR THE SUBJECT PROPERTY. THERE MAY BE UNRECORDED DEEDS, EASEMENTS, RIGHT-OF-WAY, STATE AND/OR FEDERAL JURISDICTIONAL AREAS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE SUBJECT PROPERTY.
  - THE SURVEY DOES NOT DETERMINE OWNERSHIP.
  - THIS SURVEY MEETS STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 54-17.051 AND 54-17.052 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, TO THE BEST OF MY KNOWLEDGE AND BELIEF.
  - THE MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS.
  - FEDERAL AND STATE COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED IN WHOLE OR PART AND IS NOT TO BE ISSUED FOR ANY OTHER TRANSACTIONS. THIS DRAWING CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER AND IS TO BE RETURNED UPON REQUEST.
  - ONLY THE ABOVE GROUND VISIBLE ENCROACHMENTS AND IMPROVEMENTS WERE FIELD LOCATED AS SHOWN HEREON, UNLESS OTHERWISE NOTED. UNDER GROUND ENCROACHMENTS AND IMPROVEMENTS, IF ANY, WERE NOT FIELD LOCATED OR VERIFIED, UNLESS OTHERWISE NOTED.
  - NO EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OF ADDITIONS WERE OBSERVED.
  - NO EVIDENCE OF CHANGES TO THE STREET RIGHT-OF-WAYS WERE OBSERVED.
  - THE CONTOUR LINES AS SHOWN HEREON ARE AT 1 FOOT INTERVALS OF ELEVATION.
  - THE ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988, USING THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION G.P.S. NETWORK.
  - THE UTILITIES AS SHOWN HEREON IS BASED UPON FIELD LOCATION WHERE VISIBLE. THERE MAY BE OTHER UNDERGROUND UTILITIES THAT HAVE NOT BEEN LOCATED OR VERIFIED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RESPECTABLE UTILITY SPOTTERS PRIOR TO THE COMMENCEMENT OF WORK OR EXCAVATION.

No.	REVISIONS	DATE	BY

**Kimley»Horn**  
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
120 RICHARD JACKSON BOULEVARD SUITE 230  
PANAMA CITY BEACH, FL 32407 PHONE: 904-553-3300  
WWW.KIMLEY-HORN.COM

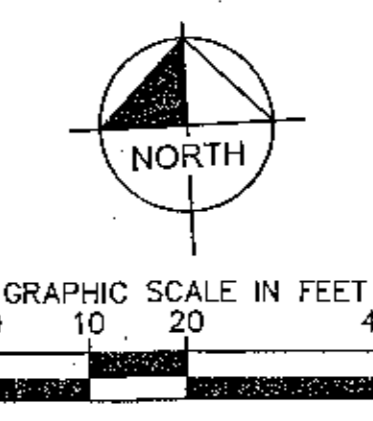


WAVA PROJECT	043490002
DATE	NOVEMBER 2023
SCALE	AS SHOWN
DESIGNED BY	EAS
DRAWN BY	MDW
CHECKED BY	EAS

**EXISTING CONDITIONS**

**WAWA RANSELY STATION**  
PREPARED FOR  
**CAH DEVELOPMENTS, LLC**  
FLORIDA  
ESCAMBIA COUNTY

SHEET NUMBER  
**C100**



EROSION CONTROL LEGEND	
	PROPERTY LINE
	BUILDING SETBACK LINES
	EASEMENT LINE
	EXISTING CONTOUR
	CLEARING LIMITS
	SILT FENCE
	CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT STATION
	REMOVE LINEAR OBJECT
	TREE TO BE REMOVED
	TREE

BOESCH LANE  
(50' PUBLIC RIGHT-OF-WAY)

PINE FOREST ROAD (RIGHT-OF-WAY WIDTH VARIES)  
STATE ROAD 297

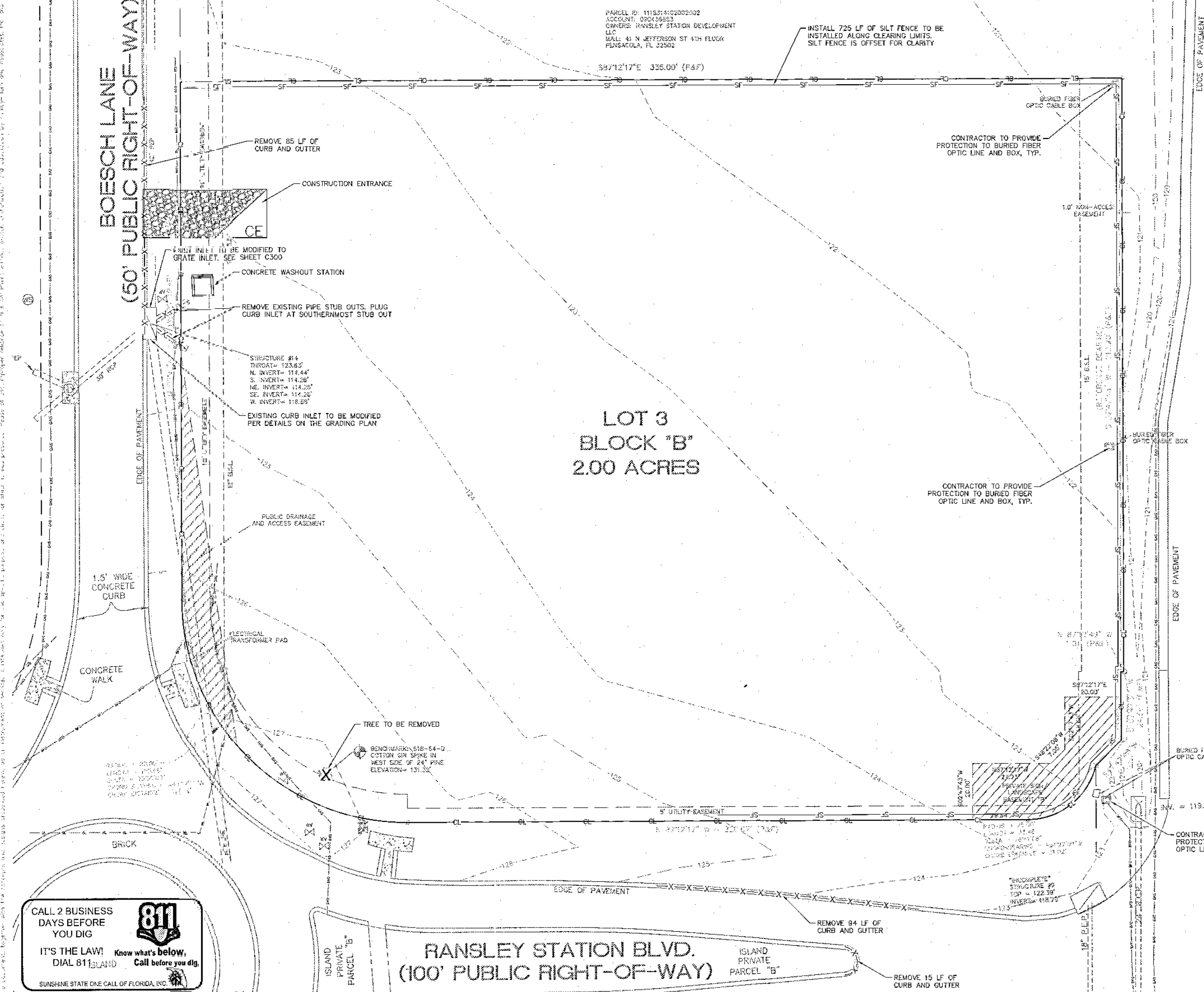
**LOT 2**  
1.18 ACRES

PARCEL ID: 111521402002002  
ACCOUNT: 030436883  
OWNER: RANSLEY STATION DEVELOPMENT LLC  
MAIL: 41 N JEFFERSON ST 4TH FLOOR  
PANAMA CITY, FL 32302

**LOT 3**  
BLOCK "B"  
2.00 ACRES

**RANSLEY STATION BLVD.**  
(100' PUBLIC RIGHT-OF-WAY)

ISLAND PRIVATE PARCEL "B"



- GENERAL NOTES:**
1. 1 PROTECTED TREE TO BE REMOVED.
  2. PROJECT LIMIT WITHIN AN "X" ZONE PER FEMA MAP 12033C0290G.
  3. DURING CONSTRUCTION, STORM DRAINAGE INLETS SHALL BE PROTECTED BY HAY BALES, SOD SCREENS OR TEMPORARY STRUCTURES TO PREVENT SEDIMENTATION.
  4. AT ALL TIME DURING AND AFTER DEVELOPMENT, DENUDED AREAS SHALL BE STABILIZED. FINAL STABILIZATION MEASURES SHALL BE IN PLACE WITHIN 60 DAYS OF FINAL GRADING.
  5. INLET PROTECTION TO BE INSTALLED ON ALL INLETS AS THEY ARE INSTALLED.
  6. DISPOSE OF EXCESS MATERIALS OFFSITE PER COUNTY AND STATE REQUIREMENTS.
  7. THE DEMOLITION PLAN IS INTENDED TO DEPICT GENERAL DEMOLITION. IT IS NOT INTENDED TO IDENTIFY EACH ELEMENT OF DEMOLITION OR RELOCATION.
  8. SEE LANDSCAPE PLANS FOR TREE MITIGATION CALCULATIONS.
  9. PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE (LDC) & DESIGN STANDARDS MANUAL (DSM), ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL STATE UNTIL SUCH TIME AS DRC SITE PLANS AND ADDITIONAL PERMITTING APPROVALS ALLOW FOR THE TREE REMOVAL AND LAND DISTURBING ACTIVITIES, PER CODE. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIALS, SWALES, TRENCHING, BERMING, SITE GRADING, CUTTING OR OTHER "LAND DISTURBING ACTIVITIES", ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION.
  10. ALL PROTECTION MEASURES SHALL BE PROPERLY INSTALLED PRIOR TO SITE DISTURBANCE, INSPECTED REGULARLY, AND MAINTAINED IN GOOD WORKING ORDER UNTIL ALL WORK IS COMPLETE AND THE SITE BECOMES ADEQUATELY STABILIZED.

**CALL 2 BUSINESS DAYS BEFORE YOU DIG**

**811**

IT'S THE LAW! Know what's below. Dial 811. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

<p><b>Kimley»Horn</b></p> <p>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 120 RICHARD JACKSON BOULEVARD SUITE 230 PANAMA CITY BEACH, FL 32407 PHONE: 950-553-5500 WWW.KIMLEY-HORN.COM</p>	<p>NO. 2022</p> <p>STATE OF FLORIDA</p> <p>PROFESSIONAL ENGINEER</p> <p>CAE 111</p>
	<p>KHA PROJECT: 04-3490002</p> <p>DATE: NOVEMBER 2023</p> <p>SCALE: AS SHOWN</p> <p>DESIGNED BY: EAS</p> <p>DRAWN BY: MDW</p> <p>CHECKED BY: EAS</p>
<p><b>DEMOLITION AND SWPPP</b></p>	
<p><b>WAWA RANSLEY STATION</b></p> <p>PREPARED FOR <b>CAH DEVELOPMENTS, LLC</b></p> <p>FLORIDA</p>	<p>SHEET NUMBER <b>C101</b></p>

CLEARING AND SITE PREPARATION NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE EROSION CONTROL DEVICES, AS SHOWN ON THE CONSTRUCTION PLANS, PRIOR TO ANY SITE CLEARING AND/OR DEMOLITION. REFER TO THE "EROSION CONTROL NOTES" SECTION CONTAINED HEREIN FOR ADDITIONAL REQUIREMENTS.
2. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN, AS INDICATED ON THE CONSTRUCTION PLANS, SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES AND DETAILS CONTAINED IN THESE PLANS. IF SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREE(S) SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER AND THE LOCAL AGENCY HAVING JURISDICTION OVER THESE ACTIVITIES.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, SOGGED OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
4. THE TOP 4" TO 6" OF GROUND REMOVED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE STOCKPILED, TO BE USED FOR LANDSCAPING PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ON-SITE, PROVIDED THE MATERIAL IS DEEMED SUITABLE BY THE OWNER'S SOILS TESTING COMPANY. EXCESS MATERIAL IS TO EITHER BE STOCKPILED ON-SITE, AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER, OR REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING ANY EXCESS MATERIAL FROM THE SITE.
5. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
6. THE CONTRACTOR IS TO PREPARE THE SITE IN ACCORDANCE WITH THE SOILS REPORT, COPIES OF WHICH ARE AVAILABLE THROUGH THE OWNER OR SOILS TESTING COMPANY DIRECTLY.
7. CONTRACTOR TO BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY CONSTRUCTION FENCE AROUND ENTIRE PERIMETER OF PROPERTY. TYPE OF FENCE TO BE SUBMITTED BY CONTRACTOR TO ENGINEER FOR APPROVAL.
8. THE CONTRACTOR SHALL REMOVE ALL VEGETATION, SURPLUS SOIL, DEMOLITION RUBBLE, AND OTHER UNSUITABLE MATERIALS. SUCH MATERIALS SHALL BE PROMPTLY HAULED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND CODES.

EROSION AND SILTATION CONTROL:

- 1. GENERAL ALL EROSION AND SILTATION CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION. DURING CONSTRUCTION, CLEARED AREAS SHALL BE COVERED BY MULCHES SUCH AS STRAW, HAY AND PETER FIBRE. ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS OR HAY BALES. THESE SHALL BE MAINTAINED AND MODIFIED DURING THE CONSTRUCTION PROCESS TO MINIMIZE DOWNSTREAM SILTATION. WHEN CONSTRUCTION IS COMPLETED, DETENTION AREAS WILL BE RESEEDING, SPREADING OF SALT, MUD AND DEBRIS, AND RE-SOGGED TO PROPERLY DETAIN THE INTENDED STORM QUANTITIES.
2. PROTECTION AND MINIMIZATION OF ON-SITE SOIL STOCKPILES: FILL MATERIAL STOCKPILES SHALL BE PROTECTED BY ALL TRAPS BY ON-SITE DRAINAGE CHANNELS THAT PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES MAY BE REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY UNSTOCKPILED MATERIAL REMAIN MORE THAN THIRTY (30) CALENDAR DAYS AFTER SUBSTANTIAL PROJECT COMPLETION.
3. PROTECTION OF EXISTING STORM SEWER SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOG, STOVE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION.
4. SEDIMENT TRAPPING AND SEDIMENT TRAPPING MEASURES: PERIMETER BARRIERS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR ONTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED OR, IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALLOCATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BARRIERS, EARTH FILTERS, DAMS OR PILES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE WEEK OF INSTALLATION.
5. SWALES, DITCHES AND CHANNELS: CHANNELS LEADING FROM THE SITE SHALL BE SOGGED WITH ARGENTINE STRAW WITHIN THREE (3) DAYS OF EXCAVATION.
6. UNDERGROUND UTILITY CONSTRUCTION: UNDERGROUND UTILITY LINES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
A. NO MORE THAN 500 LINEAR FEET OF TRENCH SHALL BE OPEN AT ANY ONE TIME;
B. EXCAVATED MATERIAL SHALL BE CAST TO THE UPHILL SIDE OF TRENCHES AS LONG AS SAFETY AND SPACE CONSIDERATION ALLOW. TRENCH MATERIAL SHALL NOT BE CAST INTO, OR ONTO THE SLOPE OF ANY STREAM, CHANNEL, ROAD, DITCH OR WATERWAY.
7. ALL EROSION AND SILTATION CONTROL DEVICES SHALL BE REGULARLY INSPECTED AND MAINTAINED, ESPECIALLY AFTER EACH RAINFALL AND WILL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
8. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO RAIN SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE STORMWATER SYSTEM.
9. APPLICATION RATES AND METHODS FOR USE OF FERTILIZERS AND PESTICIDES AT THE CONSTRUCTION SITE SHALL CONFORM WITH ALL LOCAL AND STATE ORDINANCES. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION SUCH THAT DISCHARGES WILL NOT CAUSE OR CONTRIBUTE TO VIOLATIONS OF STATE SURFACE OR GROUNDWATER QUALITY STANDARDS.
10. OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED BY CONTRACTOR.

SECTION 1 GENERAL EROSION CONTROL:

- 1. GENERAL EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL POND SLOPE FAILURES. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION ACTIVITIES.
2. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY USED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY AND/OR COVERSEEDS AND SUFFICIENTLY WATERED TO STABILIZE THE TEMPORARY GROUND COVER.
3. BANKS OF DETENTION/RETENTION PONDS SHALL NOT BE CONSTRUCTED STEEPER THAN 4H:1V FROM TOP OF BANK TO TWO FEET BELOW THE CONTROL ELEVATION.
4. A 1-FOOT WIDE CURB OF SOG SHALL BE PLACED ALONG ALL CURBS AND AROUND ALL INLETS. SOG SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
5. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOG, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING COMPLETION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY THE OWNER. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER REGARDING THE TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.

SECTION 2 PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION:

- 1. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BEST MANAGEMENT PRACTICES IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.
2. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
3. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS IDENTIFIED IN ACCORDANCE WITH THE FOLLOWING:
A. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
B. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS SHOWN IN FOOT INDEX 102. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SOGGING AROUND INLETS IS COMPLETE.
4. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD FLAKES, HAY SALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN SUCH AREAS TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE ABSORBENT FILLER MATS, TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
5. SILT BARRIERS. ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
6. PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE BY INSTALLING A TEMPORARY SEDIMENT SUM AS REQUIRED. THE TEMPORARY SEDIMENT SWAMP SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED BY THE GROUND DRAINING TO THE SWAMP.

SECTION 3 CONTROL OF WIND EROSION:

- 1. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
B. AS SOON AS PRACTICAL AFTER COMPLETION OF CONSTRUCTION BARE EARTH AREAS SHALL BE VEGETATED.
C. ANY TIME DURING AND AFTER SITE CONSTRUCTION THAT WATLING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR THE TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR DUST CONTROL SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES. DUST CONTROL FENCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FOOT INDEX 102, EXCEPT THE MINIMUM HEIGHT SHALL BE 4 FEET.

DEMOLITION NOTES (IF NECESSARY):

- 1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. SITE DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO:
A. ROADWAY
B. DRAINAGE AREA
C. SITE UTILITIES
D. LANDSCAPING
4. CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
5. PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN."
6. RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
7. REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF SITE IN A LEGAL MANNER.
8. LOCATE EXISTING ABOVE-GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION OPERATION.
9. SHOULD UNCHARGED, OR INCORRECTLY CHARGED, PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING DEMOLITION, CONSULT PROJECT ENGINEER AND UTILITY OWNER FOR IMMEDIATE ACTION.
10. DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED."
11. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.
12. FOR SELECTIVE CLEARING REFER TO LANDSCAPE PLAN.
13. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER. FURTHERMORE, CONTRACTOR SHALL PROVIDE TO THE ENGINEER A PHOTOGRAPH OF PRE-CONSTRUCTION CONDITIONS AND POST-CONSTRUCTION CONDITIONS AS NOTED ON PLANS.
14. CONTRACTOR SHALL MAINTAIN STORMWATER MANAGEMENT SYSTEM TO INSURE NO DAMAGE TO ADJACENT PROPERTIES OCCURS DURING 100-YEAR STORM EVENTS.

DEWATERING NOTES (IF NECESSARY):

- 1. DURING THE EXCAVATION OF THE STORMWATER PONDS, THE CONTRACTOR MUST CONSTRUCT A SEDIMENT BASIN TO PROVIDE A DISCHARGE POINT FOR DEWATERING. THE SEDIMENT BASIN CAN BE A CELL IN THE PROPOSED EXCAVATION AREA OF A POND OR IT CAN BE A BERMED AREA ABOVE GROUND. ALL DEWATERING MUST BE HELD IN THE SEDIMENT AREA UNTIL THE WATER IS CLEAN SUCH THAT THERE WOULD BE NO TURBID DISCHARGE. AFTER THE WATER IN THE SEDIMENT BASIN IS CLEAN, THE WATER MAY BE RELEASED INTO THE ON-SITE WETLANDS PROVIDED THERE IS NO ADVERSE IMPACT TO THE EXISTING WATER QUALITY.
2. UNDER NO CIRCUMSTANCES WILL THE DISCHARGE FROM THE DEWATERING BE DIRECTLY INTO ON-SITE WETLANDS.
3. DURING EXCAVATION THE CONTRACTOR SHALL NOT PENETRATE THE EXISTING CLAY LAYER IF PRESENT. IF THE CONTRACTOR ENCOUNTERS THE CLAY LAYER, HE/SHE IS TO PLACE A MINIMUM OF 2 FEET OF SANDY MATERIAL OVER THE CLAY AND TERMINATE THE DEPTH OF THE EXCAVATION.
4. IF CONTRACTOR ENCOUNTERS SILTY/CLAY SAND, WHICH CAUSE THE WATER TO BECOME TURBID, HE/SHE SHALL TREAT THE SEDIMENT BASIN WITH A CHEMICAL ADDITIVE SUCH AS ALUM IN ORDER TO PROMOTE THE COAGULATION AND SETTLEMENT OF THE PARTICLES FOR THE WATER TO BECOME LESS TURBID. IF TURBID WATER IS ENCOUNTERED DURING EXCAVATION OF THE PONDS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY TO DETERMINE THE COURSE OF ACTION THAT IS APPROPRIATE TO ELIMINATE THE TURBIDITY AND ALLOW DISCHARGE THAT MEETS APPLICABLE QUALITY STANDARDS.
5. THE CONTRACTOR SHALL SEQUENCE THE EXCAVATION OF THE STORMWATER PONDS SUCH THAT A SEDIMENT BASIN WILL BE AVAILABLE AT ALL TIMES. THE SEDIMENT BASIN CAN BE RELOCATED AS NECESSARY TO ENSURE THE WATER WITHIN THE SEDIMENT BASIN BECOMES NON-TURBID AND ACCEPTABLE FOR DISCHARGE OFF-SITE.

BEST MANAGEMENT PRACTICES:

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPLICABLE CONDITIONS OF LOCAL, STATE, AND FEDERAL REGULATIONS. THE PLAN ADDRESSES THE FOLLOWING AREAS:
1. GENERAL EROSION CONTROL.
2. PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION.
3. CONTROL OF WIND EROSION.
THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN FOOT INDEX #102 AND AS NECESSARY FOR EACH SPECIFIC APPLICATION.

Table with columns for No., REVISIONS, and DATE.

Kimley Horn logo and contact information: 2023 KIMLEY-HORN AND ASSOCIATES, INC. 120 RICHARD JACKSON BOULEVARD SUITE 230 PANAMA CITY BEACH, FL 32407 PHONE: 850-933-3660 WWW.KIMLEY-HORN.COM

Professional Engineer seal for KIMLEY, HORN & ASSOCIATES, INC. No. 89072, State of Florida.

Table with columns: KHA PROJECT 04-24-90002, DATE NOVEMBER 2023, DESIGNED BY EAS, DRAWN BY MDW, CHECKED BY EAS.

EROSION CONTROL DETAILS

WAWA RANSLEY STATION PREPARED FOR CAH DEVELOPMENTS, LLC ESCAMBIA COUNTY FLORIDA

Plotfile: By Stewart, D in Sheet: Set: WAWA RANSLEY STATION Layout: C103 SWPPP NOTES November 12, 2023 10:56:40am K:\sch\shh\042460002\swPPP\swpppnotes\c103\_CADD\plans\set\swPPP\control\plan.dwg

**TIMING OF SEDIMENT - CONTROL PRACTICES:**

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH-DISTURBING ACTIVITY.

SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RE-STABILIZED.

**STABILIZATION OF NON STRUCTURAL PRACTICES:**

CONTROL PRACTICES SHALL PRESERVE EXISTING VEGETATION WHERE ATTAINABLE AND DISTURBED AREAS SHALL BE RE-VEGETATED AS SOON AS PRACTICAL AFTER GRADING OR CONSTRUCTION.

DENUDED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN FOURTEEN DAYS IF THEY ARE TO REMAIN DORMANT FOR MORE THAN FORTY-FIVE DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN FOURTEEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.

**SEDIMENT BARRIERS:**

SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE INTERCEPTED BY SEDIMENT BARRIERS.

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

**INLET PROTECTION:**

ALL STORM SEWER INLETS WHICH ACCEPT WATER RUNOFF FROM THE DEVELOPMENT AREA SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL NOT ENTER THE STORM SYSTEM WITHOUT FIRST BEING PONDED AND FILTERED.

**MAINTENANCE:**

TEMPORARY EROSION CONTROL FEATURES SHALL BE ACCEPTABLY MAINTAINED AND SHALL BE REMOVED OR REPLACED WHEN DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

**STOCKPILES:**

ALL SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER CONTROL DEVICES SUCH AS STRAW BALE DIKES OR FILTER FABRIC FENCES. AND THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

**PERMANENT VEGETATION:**

PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED WHICH, IN THE OPINION OF THE ENGINEER, PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY AND TO SURVIVE ADVERSE WEATHER CONDITIONS.

**CONSTRUCTION ACCESS ROUTES:**

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES OR PUBLIC ROADS WHERE RUNOFF IS NOT CHECKED.

**INSPECTION SCHEDULE:**

1. DIVERSION SWALE AND STRUCTURAL PROTECTION - INSPECT EVERY 7 DAYS OR AFTER EACH RAINFALL PRODUCING RUNOFF. REPAIR AS REQUIRED.
2. INLET PROTECTION - INSPECT FOR SEDIMENT ACCUMULATION AFTER EACH RAINFALL AND DAILY DURING CONTINUED RAINFALL. REPAIR OR REPLACE WHEN WATER FLOW IS RESTRICTED BY SEDIMENT.
3. VEGETATIVE PLANTING - INSPECT AFTER SPROUTING OCCURS AND REPLANT BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE; REPLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER AT MAXIMUM 6" HEIGHT. IRRIGATE AS REQUIRED DURING DRY PERIODS TO MAINTAIN LIVE VEGETATION.

**CONSTRUCTION SEQUENCE:**

1. INSTALL SEDIMENT CONTROL MEASURES
2. PERFORM DEMOLITION ACTIVITIES.
3. STABILIZE SITE WITH TEMPORARY VEGETATION AS NEEDED.
4. PERFORM UNDERGROUND UTILITY CONSTRUCTION ACTIVITIES.
5. CONSTRUCT INFRASTRUCTURE.
6. PERFORM FINAL GRADING.
7. INSTALL PERMANENT VEGETATION.
8. PERFORM CONTINUING MAINTENANCE THROUGHOUT ALL CONSTRUCTION OPERATIONS.

**DITCH BARRIERS:**

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PERPENDICULAR TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.

THE REMAINING STEPS FOR INSTALLING A STRAW BALE BARRIER FOR SHEET FLOW APPLICATIONS APPLY HERE, WITH THE FOLLOWING ADDITION. THE STRAW BALES SHALL BE INSTALLED SUCH THAT UNDERCUTTING BENEATH THE BALES IS MINIMIZED BY THE USE OF ROCK CHECK DAMS PLACED ADJACENT TO THE STRAW BALES.

THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE TO ASSURE THAT SEDIMENT-LADEN RUNOFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER BUT NOT AROUND IT.

**MAINTENANCE:**

STRAW BALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

**SEDIMENT FENCE:**

THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

1. THE HEIGHT OF A SEDIMENT FENCE SHALL NOT EXCEED 36-INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPliced TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8-INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSURE POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
8. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
9. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

**MAINTENANCE**

SEDIMENT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

SHOULD THE FABRIC ON A SEDIMENT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SEDIMENT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.

**ADDITIONAL MEASURES:**

THIS PLAN AND NARRATIVE REPRESENTS THE MINIMUM AMOUNT OF EROSION AND SEDIMENT CONTROL MEASURES, IN THE OPINION OF THE ENGINEER, THAT MAY BE NECESSARY UNDER FAVORABLE WEATHER CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL MEASURES OR PRACTICES THAT MAY BE NECESSARY TO CONTROL EROSION, TURBID DISCHARGE, FUGITIVE PARTICULATES, ETC. TO FULLY COMPLY WITH ALL GOVERNMENTAL RULES AND/OR PERMIT REQUIREMENTS.

**EROSION AND SEDIMENT CONTROL NARRATIVE**

**OWNER:** RANSLEY STATION DEVELOPMENT, LLC  
41 N. JEFFERSON STREET  
4TH FLOOR  
PENSACOLA, FLORIDA 32502  
(850) 607-6069

**PLAN DESIGNER:** KIMLEY-HORN AND ASSOCIATES INC.  
120 RICHARD JACKSON BOULEVARD, SUITE 230  
PANAMA CITY BEACH, FLORIDA 32407  
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**DEVELOPER:** CAH DEVELOPMENTS, LLC.  
41 N. JEFFERSON STREET  
4TH FLOOR  
PENSACOLA, FLORIDA 32502  
(850) 607-6069


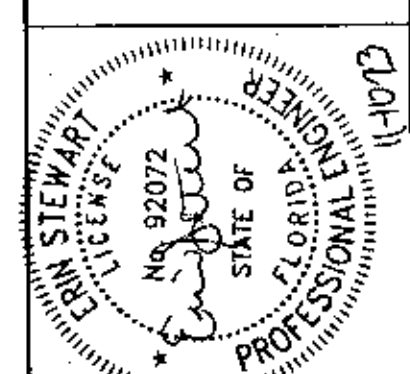
**EROSION CONTROL MEASURE:** EROSION AND SITE RUNOFF WILL BE CONTROLLED BY THE USE OF SEDIMENT FENCE AND STABILIZED VEGETATION WHERE NEEDED.

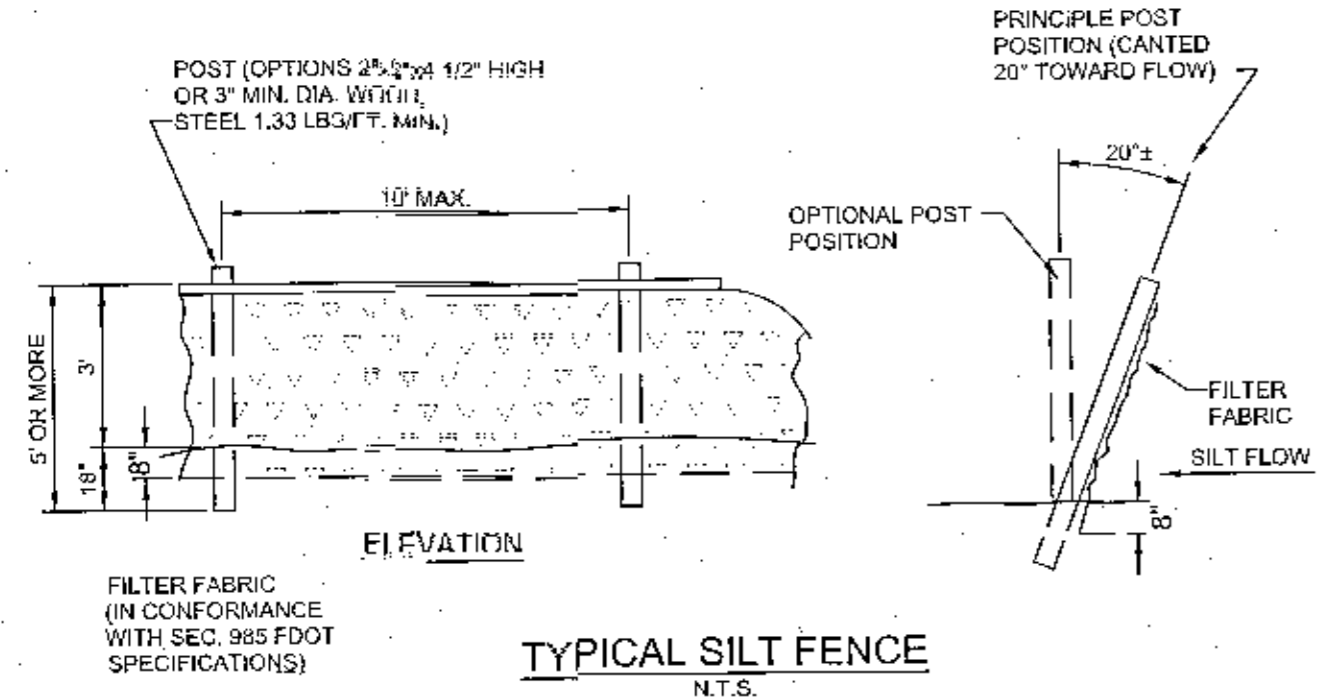
**SITE CONTACT:** CAH DEVELOPMENTS, LLC.  
41 N. JEFFERSON STREET  
4TH FLOOR  
PENSACOLA, FLORIDA 32502  
(850) 607-6069

**POLLUTION PREVENTION:**

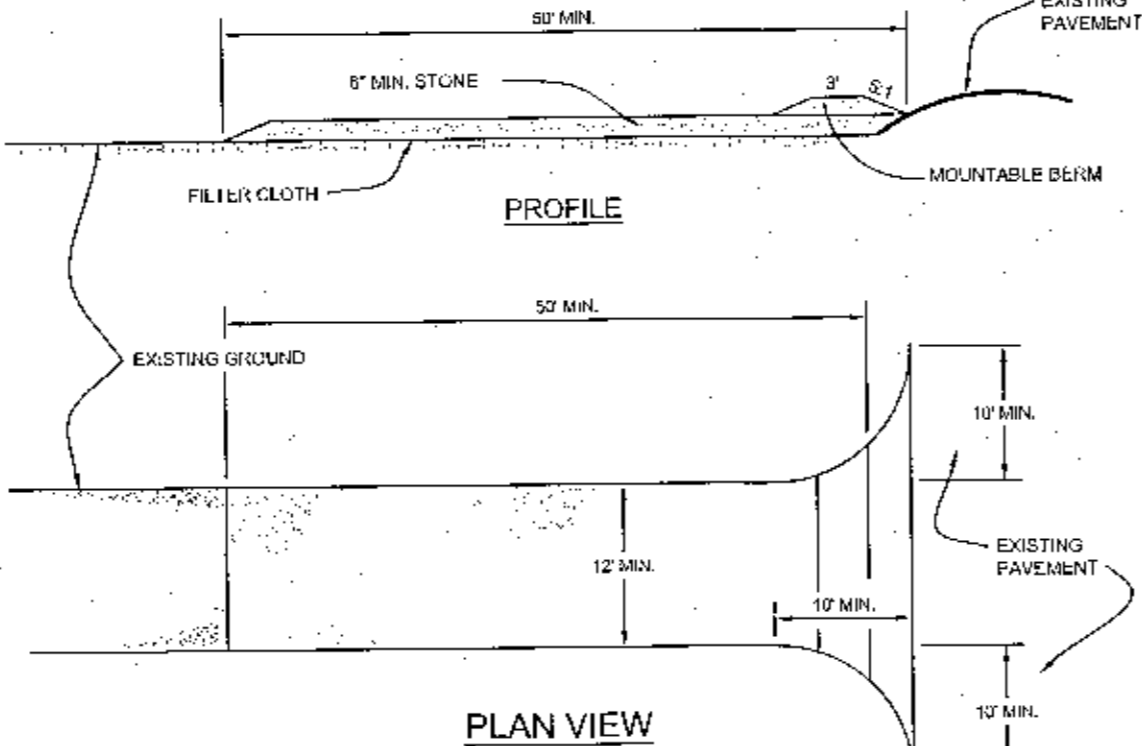
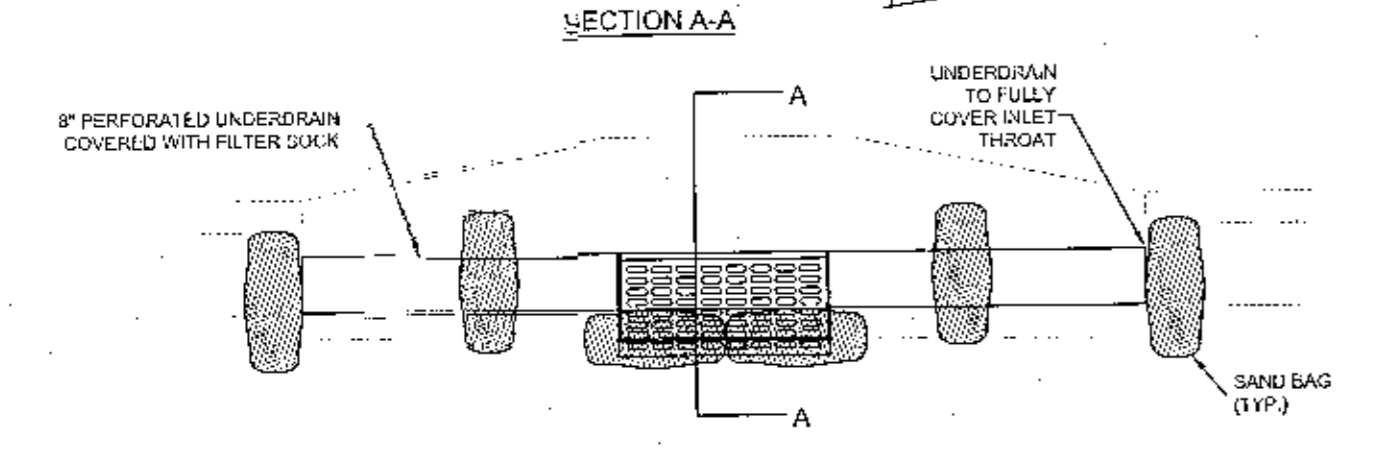
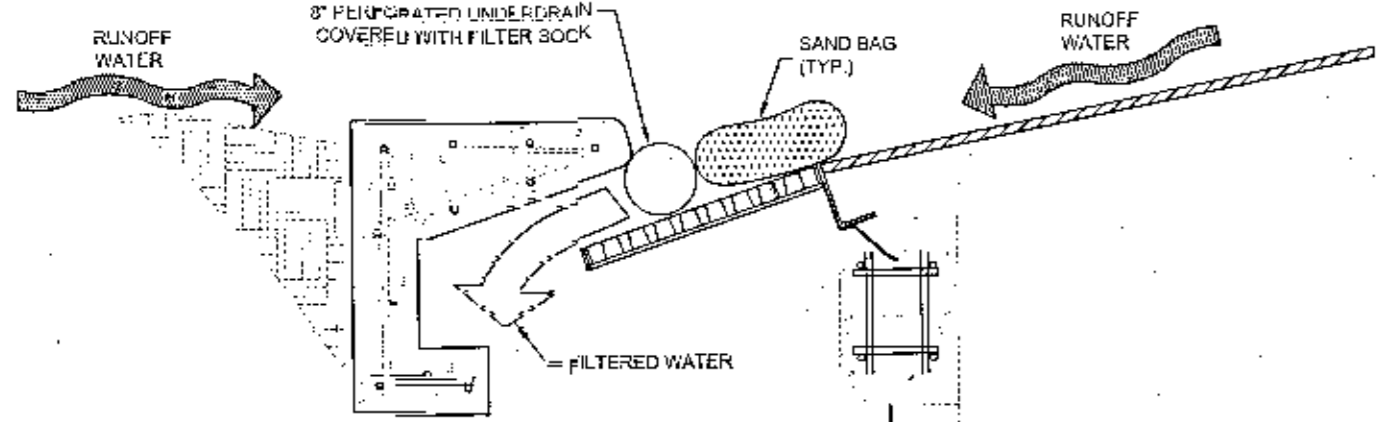
THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM IS REGULATED THROUGH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). IF YOUR CONSTRUCTION ACTIVITY MEETS THE FOLLOWING CRITERIA:

1. CONTRIBUTES STORM WATER DISCHARGE TO SURFACE WATERS OF THE STATE OR INTO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4); AND/OR
2. DISTURBS ONE OR MORE ACRES OF LAND INCLUDING LESS THAN ONE ACRE IF ACTIVITY IS PART OF A LARGE COMMON PLAN OF DEVELOPMENT OR SALE THAT WILL MEET OR EXCEED A ONE ACRE THRESHOLD. DISTURBANCE INCLUDES CLEARING, GRADING AND EXCAVATING. THEN YOU WILL BE REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) AND PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). FOR MORE INFORMATION PLEASE VISIT FDEP'S WEBSITE AT WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES.

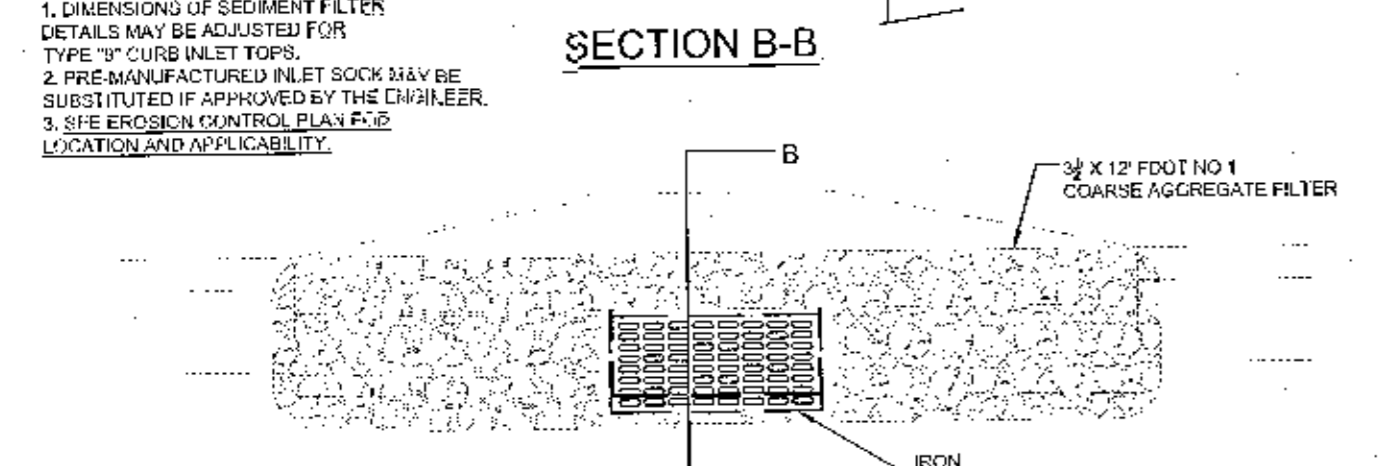
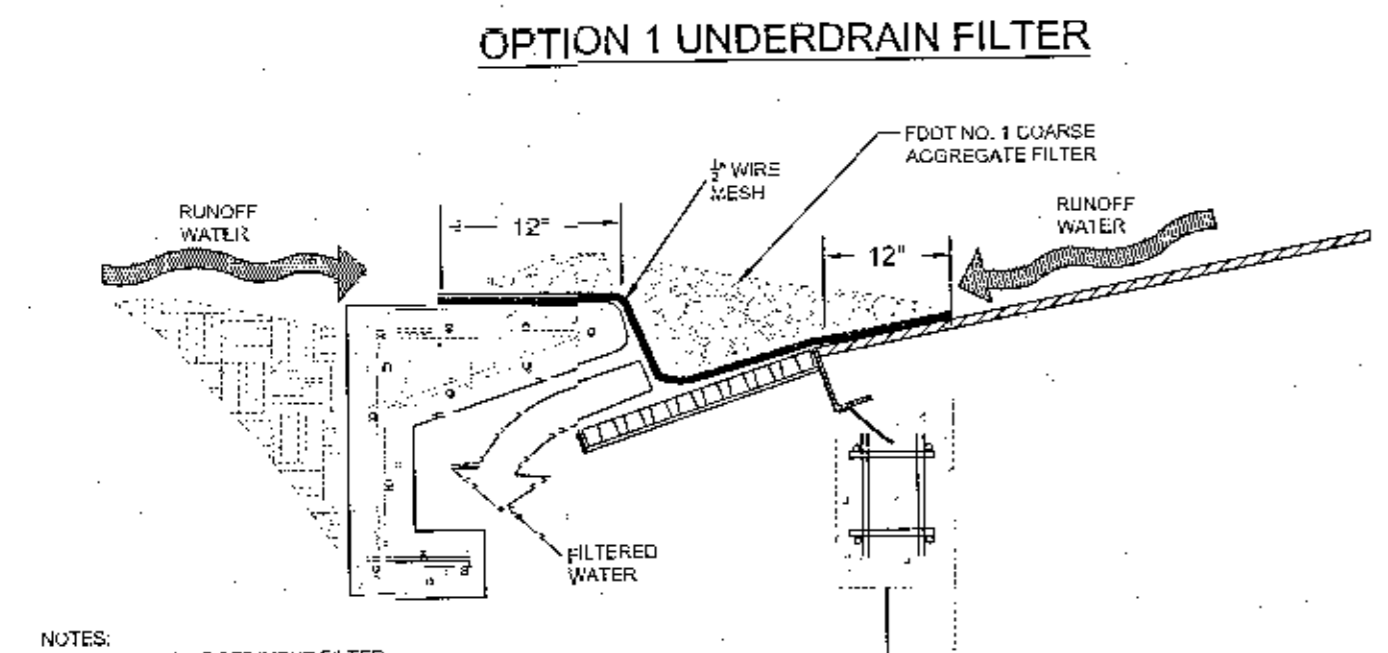
 <small>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 120 RICHARD JACKSON BOULEVARD SUITE 230 PANAMA CITY BEACH, FLORIDA 32407 WWW.KIMLEY-HORN.COM</small>					
	<b>SWPPP NOTES</b>				
<small>       IHA PROJECT: 042460002        DATE: NOVEMBER 2023        SCALE: AS SHOWN        DESIGNED BY: EAS        DRAWN BY: MDW        CHECKED BY: EAS     </small>	<b>WAWA RANSLEY STATION</b> PREPARED FOR <b>CAH DEVELOPMENTS, LLC</b> <small>FLORIDA COUNTY</small>				
<small>SHEET NUMBER</small> <b>C103</b>	<small>REVISIONS</small> <table border="1"> <tr> <th>No.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	No.	DATE		
No.	DATE				



**TYPICAL SILT FENCE**  
N.T.S.  
**FIGURE 1**

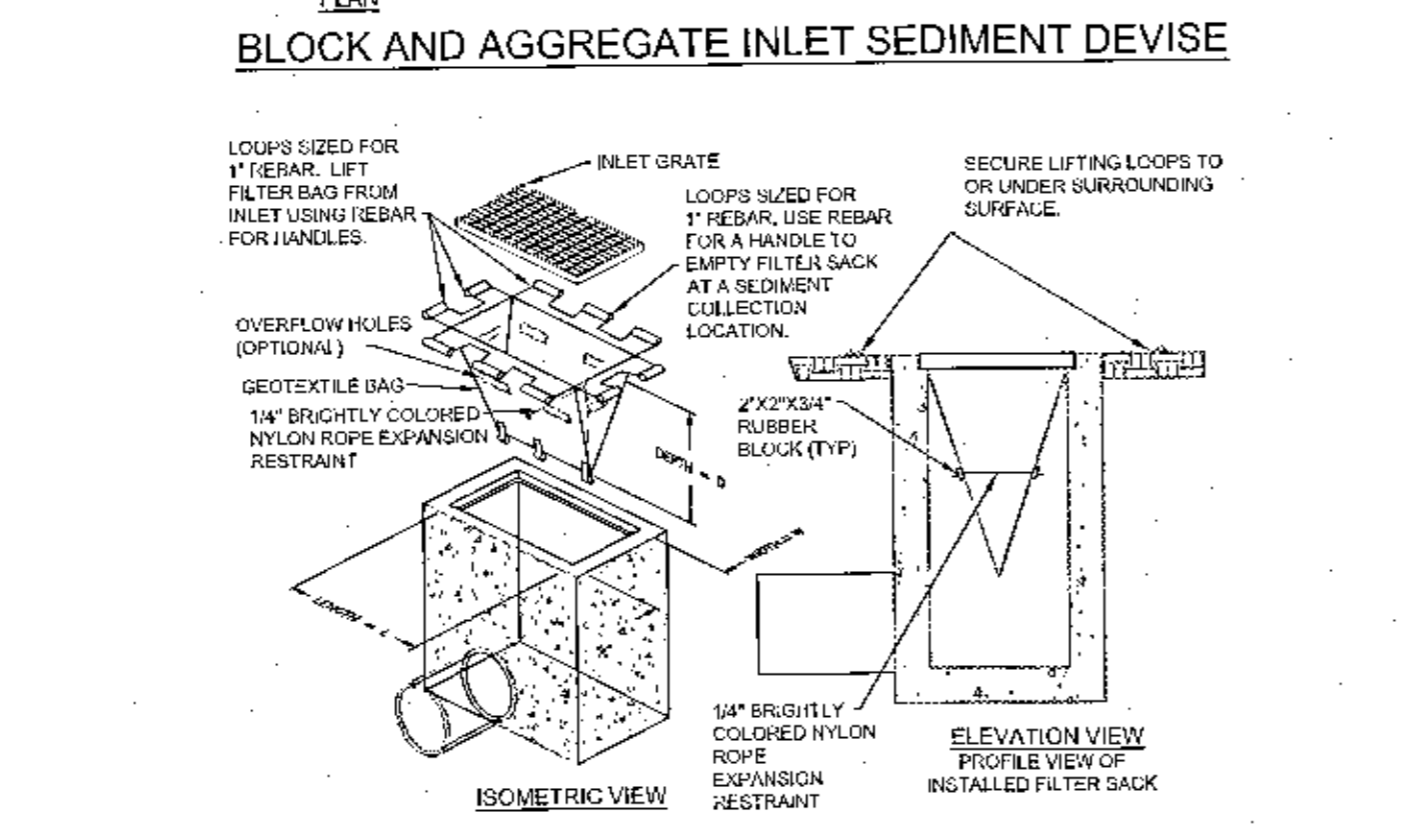
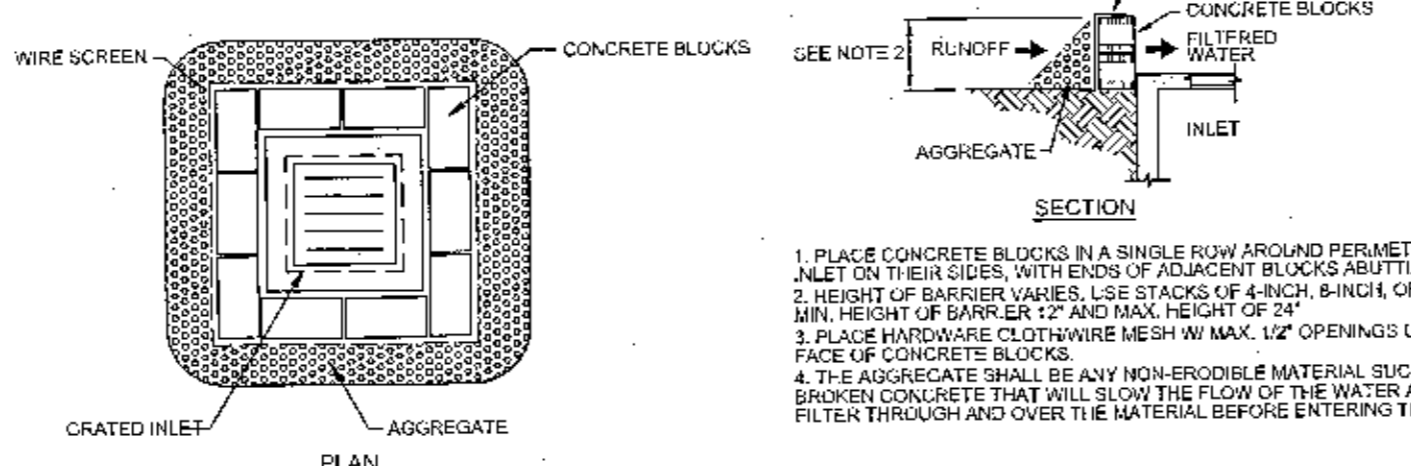


**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE  
**FIGURE 2**  
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.



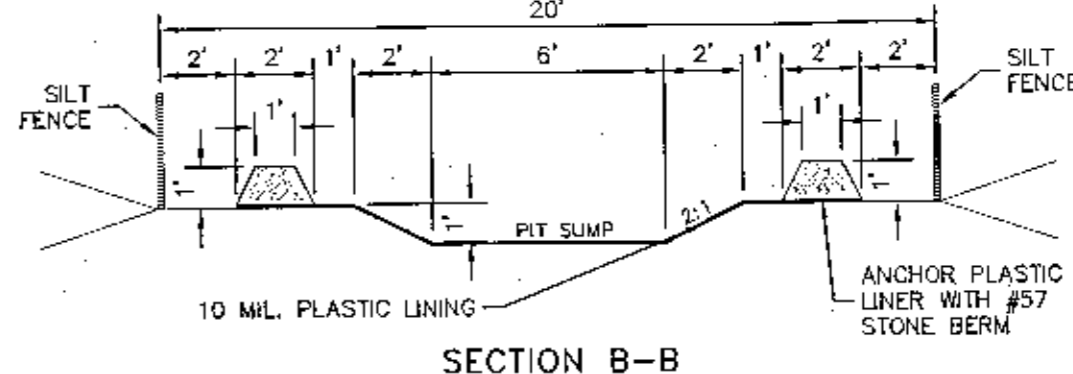
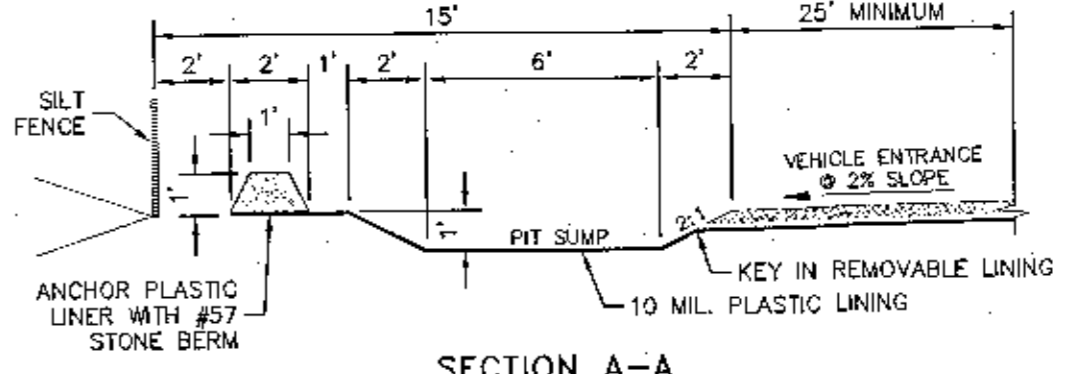
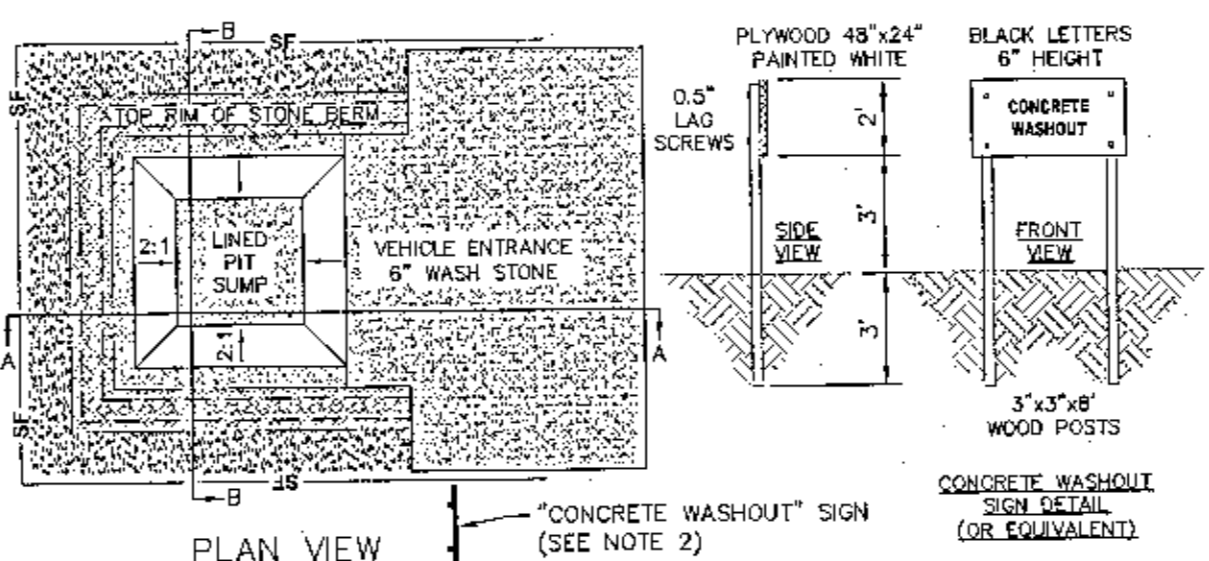
**OPTION 1 UNDERDRAIN FILTER**  
**OPTION 2 GRAVEL AND WIRE MESH**  
**CURB INLET SEDIMENT FILTER DETAIL**  
N.T.S.

**FIGURE 3**



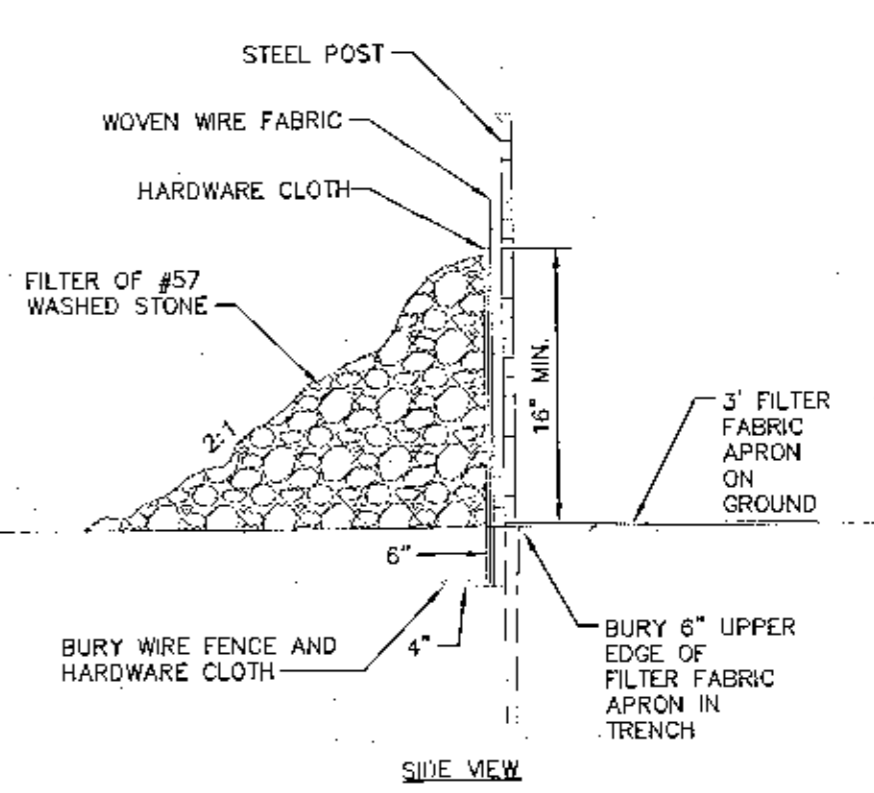
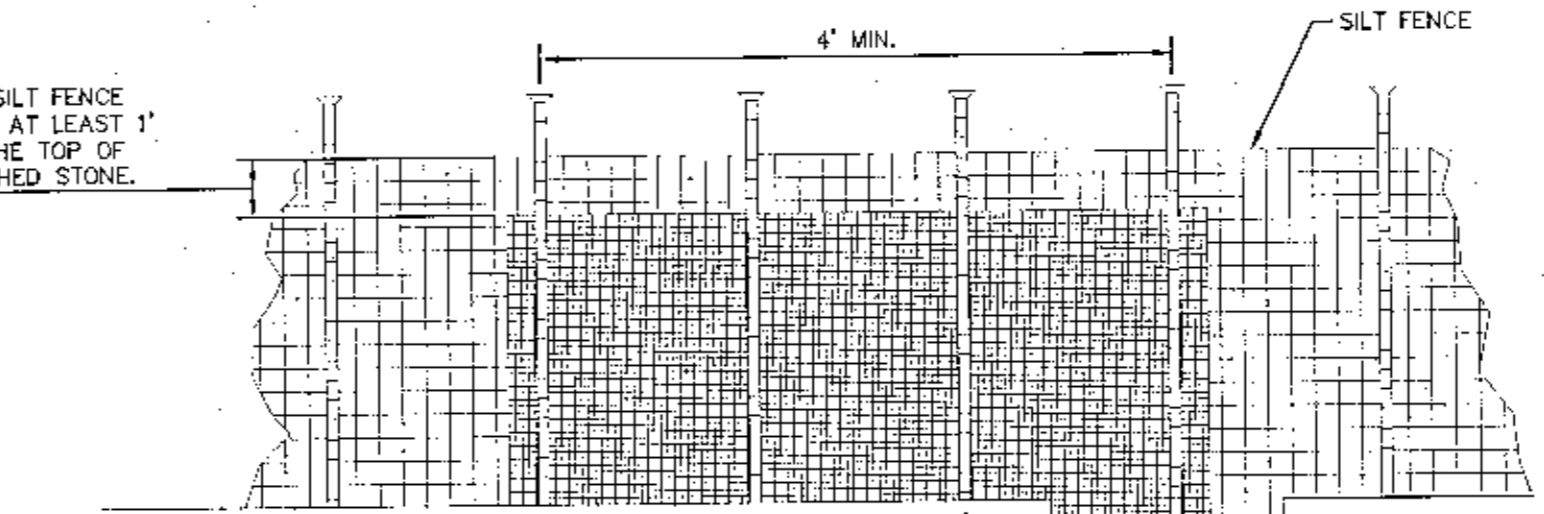
**FILTER SACKS (GRADED INLETS)**  
DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

PROPERTIES	TEST METHOD	UNITS
<b>LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE</b>		
<b>PROPERTIES</b>		
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PILEUP BURST	ASTM D-4633	120 LBS
PULLER BURST	ASTM D-3768	400 LBS
TRAPZORD TEAR	ASTM D-4633	100 LBS
UV RESISTANCE	ASTM D-4324	90 %
APPEARANT OPENING SIZE	ASTM D-4751	40 US SEIVC
FLOW RATE	ASTM D-4491	40 GAL/MIN/20 FT. POTENTIALITY
<b>MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE</b>		
<b>PROPERTIES</b>		
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PILEUP BURST	ASTM D-4633	120 LBS
PULLER BURST	ASTM D-3768	420 LBS
TRAPZORD TEAR	ASTM D-4633	45 LBS
UV RESISTANCE	ASTM D-4324	95 %
APPEARANT OPENING SIZE	ASTM D-4751	20 US SEIVC
FLOW RATE	ASTM D-4491	200 GAL/MIN/20 FT. POTENTIALITY



- NOTES**
1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
  2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OR RECYCLED.
  4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.
  5. PIT CAPACITY IS MINIMUM OF 6 CUBIC FEET PER 10 CUBIC YARDS OF CONCRETE.

**CONCRETE WASHOUT STATION**  
N.T.S.  
**FIGURE 4**

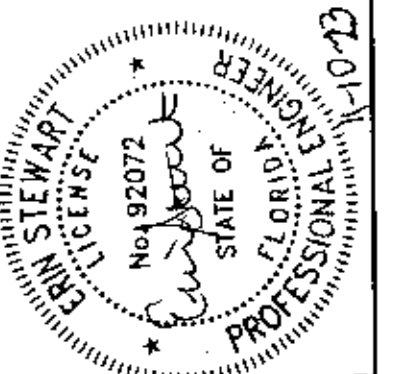


- MAINTENANCE/SPECIFICATION NOTES**
1. REMOVE SEDIMENT WHEN HALF OF STONE OUTLET IS COVERED.
  2. REPLACE STONE AS NEEDED TO ENSURE DEWATERING.
  3. SILT FENCE OUTLETS SHOULD NOT BE LOCATED WHERE THE OUTFLOW WILL ERODE THE SOIL BELOW.

**SILT FENCE OUTLET**  
N.T.S.  
**FIGURE 5**

NO.	REVISIONS	DATE	BY

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120 RICHARD J. JACKSON BOULEVARD, SUITE 200  
PALM HARBOR, FLORIDA 34684-5533  
WWW.KIMLEY-HORN.COM



RWA PROJECT: 0A24-90002  
DATE: NOVEMBER 2023  
SCALE: AS SHOWN  
DESIGNED BY: EAS  
DRAWN BY: MDW  
CHECKED BY: EAS

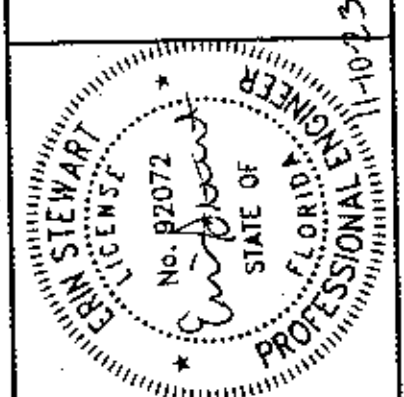
**WAWA RANSLY STATION**  
PREPARED FOR:  
**CAH DEVELOPMENTS, LLC**  
FLORIDA  
ESCAMBIA COUNTY

SHEET NUMBER  
**C104**

SITE DATA TABLE			
PARCEL ID #:	11-15-31-1102-003-002		
SITE ADDRESS:	8840 BOESCH LANE		
CURRENT ZONING:	HC/LI - HEAVY COMMERCIAL/LIGHT INDUSTRIAL		
FUTURE LAND USE (FLUM):	MU-U - MIXED USE-URBAN		
PARCEL SIZE:	2.00 ACRES		
FLOOD PLAIN:	ZONE "X"		
WETLANDS:	0.00 ACRES		
MUNICIPALITY:	ESCAMBIA COUNTY		
UTILITY PROVIDERS:	ECUA		
ALLOWABLE USE:	COMMERCIAL - YES		
PROPOSED USE:	COMMERCIAL		
MAXIMUM BUILDING HEIGHT:	150 FEET		
SETBACKS REQUIRED:	FRONT= 15'	REAR= 15'	SIDE= 10'
PROPOSED SETBACKS:	FRONT= 15'	REAR= 15'	SIDE= 10'
MINIMUM LOT FRONTAGE:	NONE		
MAXIMUM LOT AREA RATIO:	1		
INTENSITY:	5,915 SF / 87,120 SF = 0.0679		
PARKING SUMMARY	REQUIRED	PROVIDED	
COMMERCIAL / RETAIL: 3 SPACES PER 1000 SF GROSS FLOOR AREA	18 SPACES	68 SPACES	
ACCESSIBLE PARKING: 3 SPACES REQUIRED FOR 51-75 SPACES	3 SPACES	3 SPACES	
TOTAL:	21 SPACES	71 SPACES	
EXISTING IMPERVIOUS AREA:	0.00 SF - 0.00 ACRES		
PROPOSED IMPERVIOUS AREA:	70,245 SF - 1.613 ACRES		
PROPOSED IMPERVIOUS SURFACE RATIO:	81%		

NO.	REVISIONS	DATE	BY

**Kimley»Horn**  
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 120 RICHARD JACOBSON BOULEVARD, SUITE 230  
 PANAMA CITY BEACH, FL 32407 PHONE: 905-553-3500  
 WWW.KIMLEY-HORN.COM

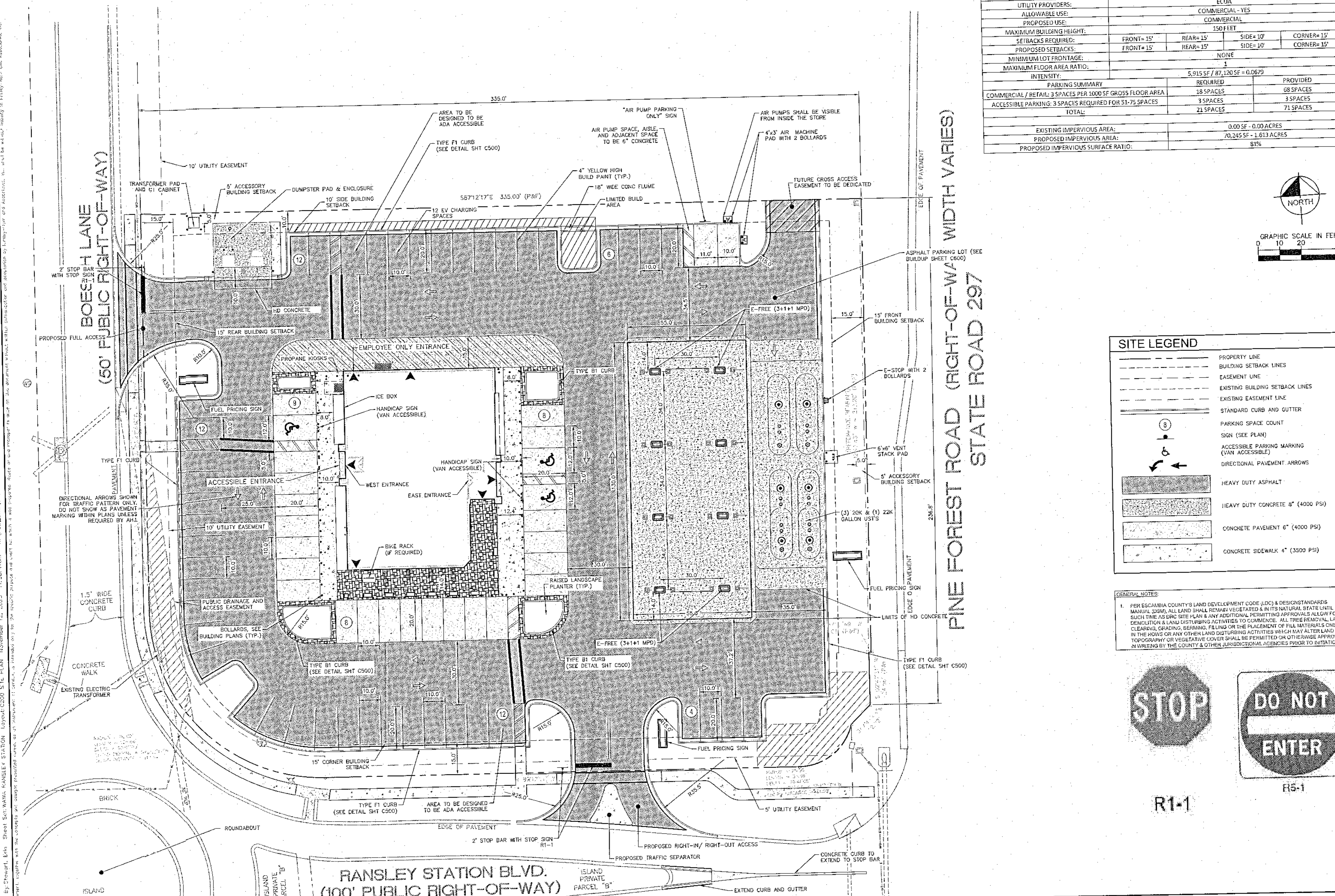


KWA PROJECT: 04-390002  
 DATE: NOVEMBER 2023  
 SCALE: AS SHOWN  
 DRAWN BY: MDW  
 CHECKED BY: EAS

### SITE PLAN

**WAWA RANSLEY STATION**  
 PREPARED FOR:  
**CAH DEVELOPMENTS, LLC**  
 ESCAMBIA COUNTY, FLORIDA

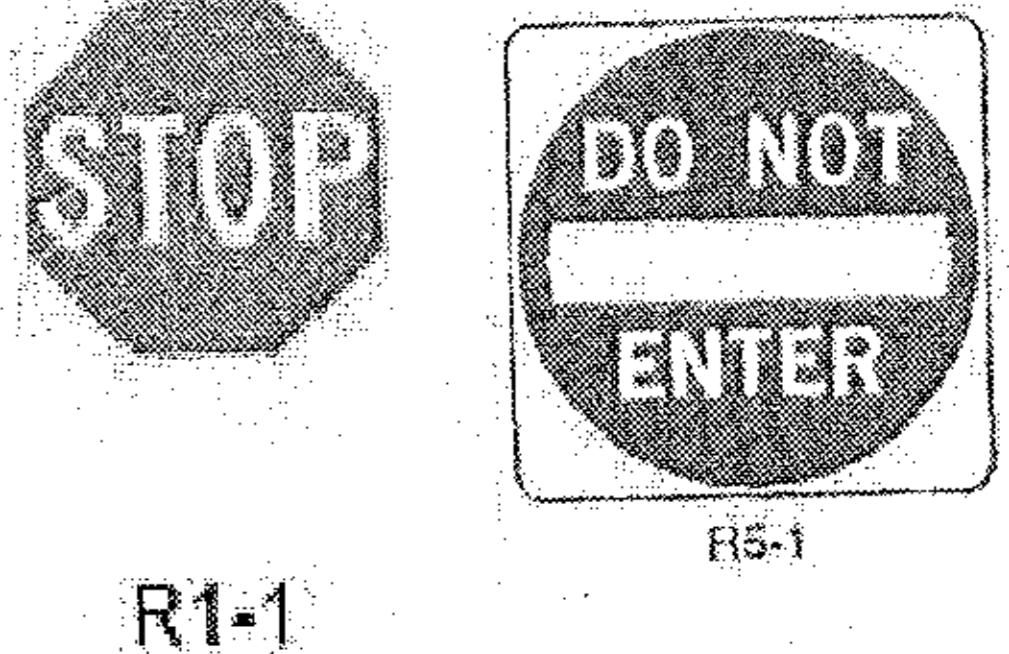
SHEET NUMBER  
**C200**



SITE LEGEND	
	PROPERTY LINE
	BUILDING SETBACK LINES
	EASEMENT LINE
	EXISTING BUILDING SETBACK LINES
	EXISTING EASEMENT LINE
	STANDARD CURB AND GUTTER
	PARKING SPACE COUNT
	SIGN (SEE PLAN)
	ACCESSIBLE PARKING MARKING (VAN ACCESSIBLE)
	DIRECTIONAL PAVEMENT ARROWS
	HEAVY DUTY ASPHALT
	HEAVY DUTY CONCRETE 8" (4000 PSI)
	CONCRETE PAVEMENT 6" (4000 PSI)
	CONCRETE SIDEWALK 4" (3500 PSI)

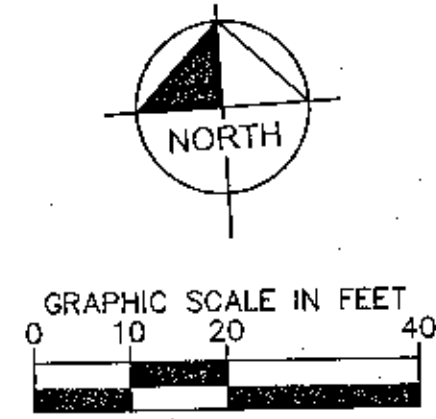
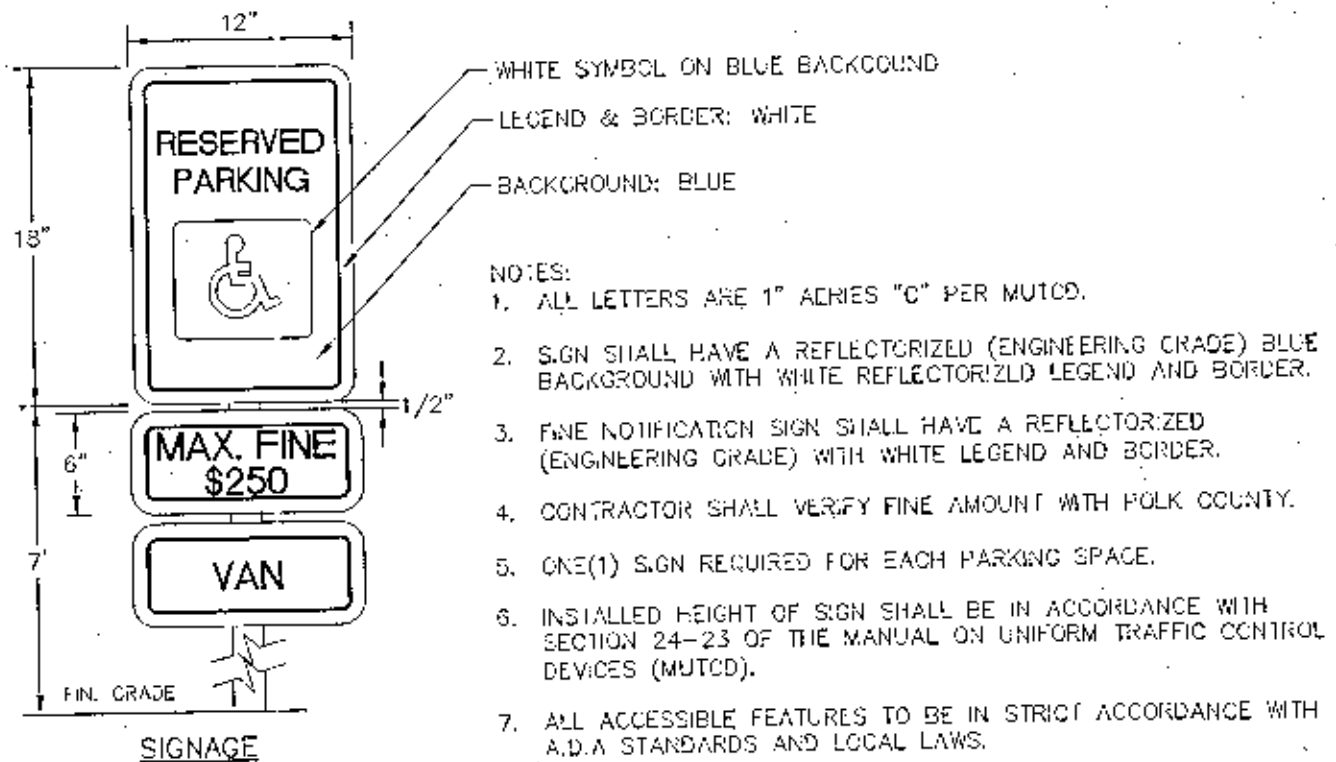
**GENERAL NOTES:**

- PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE (LDC) & DESIGN STANDARDS MANUAL (DSM), ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL STATE UNTIL SUCH TIME AS DRC SITE PLAN & ANY ADDITIONAL PERMITTING APPROVALS ALLOW FOR DEMOLITION & LAND DISTURBING ACTIVITIES TO COMMENCE. ALL TREE REMOVAL, LAND CLEARING, GRADING, BERMING, FILING OR THE PLACEMENT OF FILL MATERIALS ON-SITE, IN THE ROWS OR ANY OTHER LAND DISTURBING ACTIVITIES WHICH MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED ON OTHERWISE APPROVED & WRITTEN BY THE COUNTY & OTHER JURISDICTIONAL AGENCIES PRIOR TO INITIATION.



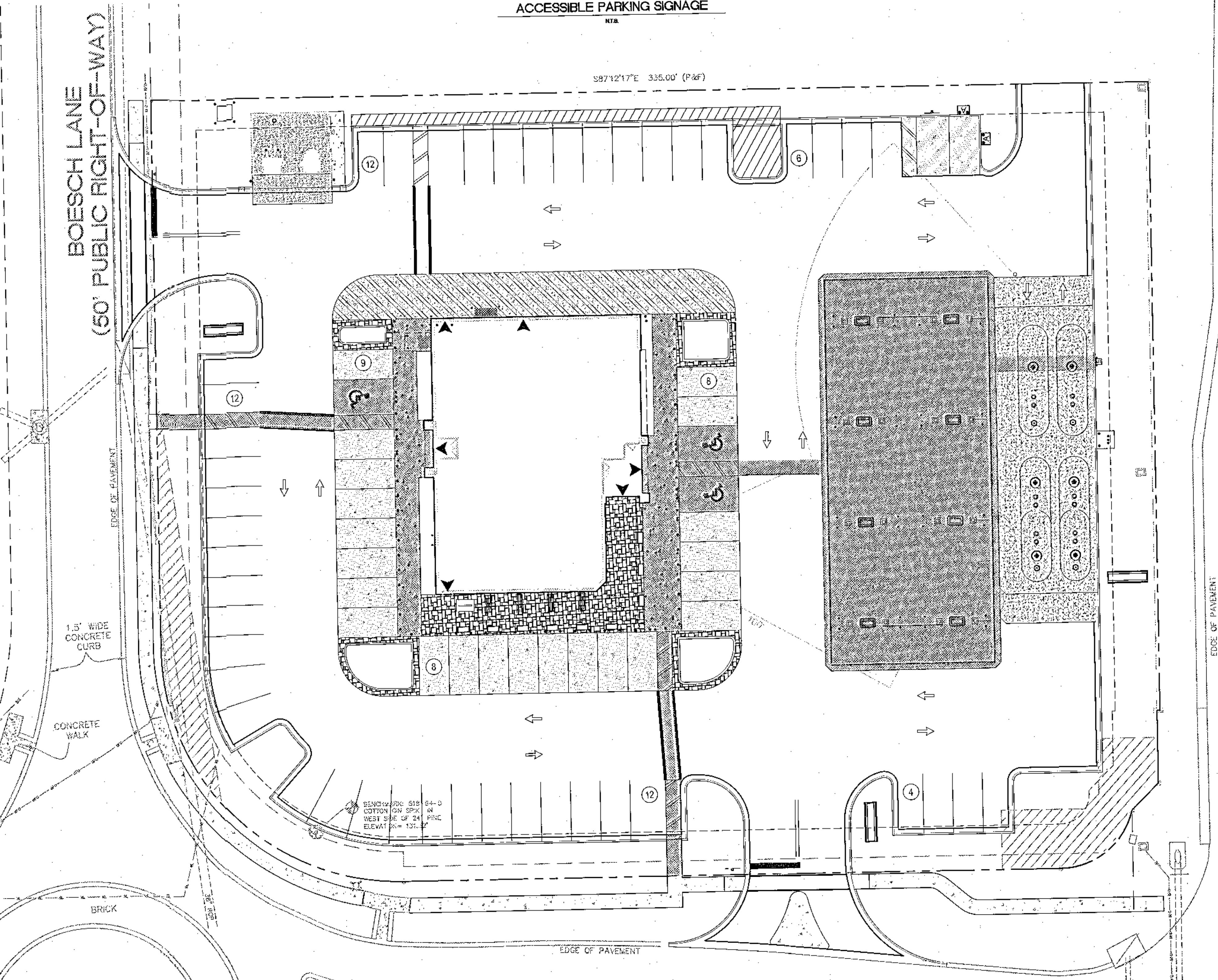
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 Layout: C200 SITE PLAN  
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 Plot Area: 864.00 sq. ft.  
 Plot Date: 11/12/2023 11:58:41am  
 Plot Time: 11:58:41am  
 Plot User: erin.dwan  
 Plot Device: HP DesignJet T1100e  
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 Plot Status: Success  
 Plot Error: None





ACCESSIBLE PARKING SIGNAGE  
MTA

S8712'17"E 335.00' (P&F)



WAWA RANSELY STATION BLVD.  
(100' PUBLIC RIGHT-OF-WAY)

SITE ACCESSIBILITY PLAN

**SITE LEGEND**

ACCESSIBLE AREAS SEE REQUIREMENTS BELOW

PROJECT BOUNDARY

CW CROSSWALK TO MEET ADA SPECIFICATIONS. MAX CROSS SLOPE 2%. SEE REQUIREMENTS BELOW.

SWR RAMPS TO MEET ADA SPECIFICATIONS. SEE REQUIREMENTS BELOW.

**ACCESSIBILITY REQUIREMENTS**

- GENERAL: ALL PEDESTRIANS USE AREAS (INCLUDING SIDEWALK AROUND BUILDING) TO MEET AMERICANS WITH DISABILITIES ACT.
- ACCESSIBLE ROUTES, AS REQUIRED ABOVE, SHOULD MEET THE FOLLOWING:
  - MAXIMUM DESIGN CROSS SLOPE: 1:50 (2.00%)
  - MAXIMUM DESIGN LONGITUDINAL SLOPE: 1:20 (5%)
  - MINIMUM WIDTH: 36"
  - RAMP MAXIMUM RISE (NO RAIL): 6"
  - RAMP MAXIMUM SLOPE: 1:12
- EMERGENCY EXITS: MINIMUM 60% OF EMERGENCY EXITS TO HAVE AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, AWAY FROM BUILDING.
- HANDICAP PARKING & LOADING:
 

TOTAL NUMBER OF SPACES:	70 SPACES
REQUIRED HANDICAP SPACES:	3 SPACES
PROVIDED HANDICAP SPACES:	3 SPACES

  - MINIMUM REQUIRED NUMBER OF SPACES PER AMERICANS WITH DISABILITY ACT
  - MAXIMUM DESIGN CROSS SLOPE: 1:50 (2.00%)
- GAS PUMPS: AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, IS REQUIRED FROM THE MAIN ENTRANCE TO THE NEAREST FUELING POSITION.
- EMERGENCY STOPS: AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, IS REQUIRED FROM THE BUILDING AND CANOPY TO THE NEAREST EMERGENCY STOP.
- PEDESTRIAN CONNECTIONS TO PUBLIC TO BE AN ACCESSIBLE ROUTE, AS DEFINED ABOVE.
- HANDICAP OUTDOOR DINING TABLE:
  - WHEELCHAIR DINING POSITION MAXIMUM DESIGN CROSS SLOPE: 1:50 (2.00%)
  - ACCESSIBLE ROUTES, AS DEFINED ABOVE, ARE REQUIRED FROM THE HANDICAP SPACE AND THE MAIN ENTRANCE TO THE WHEELCHAIR DINING POSITION
- AIR PUMP:
  - 18'X20' ACCESSIBLE AREA REQUIRED ADJACENT TO AIR PUMP
  - ACCESSIBLE AREA MAXIMUM DESIGN CROSS SLOPE: 1:50 (2.00%)
  - AIR PUMP SHOULD BE WITHIN 10' OF AN ACCESSIBLE ROUTE, AS DEFINED ABOVE.
  - AIR PUMP MAXIMUM HEIGHT RELATIVE TO ACCESSIBLE ROUTE: 48"
- DRIVEWAY CONNECTIONS ACROSS SIDEWALKS:
  - RAMPS TO MEET REQUIREMENTS, AS DESCRIBED ABOVE UNDER ACCESSIBLE ROUTES.
  - CROSSWALKS ACROSS DRIVEWAYS TO BE AN ACCESSIBLE ROUTE AS DESCRIBED ABOVE.

**AS-BUILT CHECKLIST**

	CONTRACTOR	ENGINEER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOT REVIEWED BY KIMLEY-HORN  
NOT REVIEWED BY KIMLEY-HORN

**CONTRACTOR CERTIFICATION:**  
I CERTIFY THAT THE ITEMS INITIALED ABOVE HAVE BEEN VERIFIED TO MEET THE REQUIREMENTS SPECIFIED ABOVE.

COMPANY NAME: \_\_\_\_\_  
NAME OF SIGNATOR: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_  
DATE: \_\_\_\_\_

**ENGINEER REVIEW:**  
DESIGN:  
THE ACCESSIBLE AREAS SHOWN ON THIS PLAN WERE DESIGNED TO MEET THE ACCESSIBILITY REQUIREMENTS SPECIFIED ABOVE.

AS BUILT:  
BASED LIMITED SITE OBSERVATIONS AND REVIEW OF THE AS-BUILT SURVEY PROVIDED BY \_\_\_\_\_ DATED \_\_\_\_\_ IT IS OUR OPINION THAT THE ITEMS INITIALED ABOVE MEET THE REQUIREMENTS SPECIFIED ABOVE.

COMPANY NAME: \_\_\_\_\_  
NAME OF SIGNATOR: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
LICENSE NUMBER: \_\_\_\_\_

**NOTES:**

- SITE PLAN: SEE SITE PLAN FOR AIR PUMP LOCATION, DIMENSIONS, ETC.
- GRADING PLAN: SEE GRADING PLAN FOR GRADING DESIGN.
- SITE DETAILS: SEE SITE DETAILS SHEET FOR ACCESSIBILITY AND OTHER DETAILS.
- ARCHITECTURAL PLANS: ARCHITECTURAL PLAN REFERENCES ARE FOR INFORMATIONAL PURPOSES ONLY. REFER TO ARCHITECTURAL PLANS FOR ACTUAL LOCATIONS AND SPECIFICATIONS.

THIS IS TO CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF, BASED ON LIMITED SITE OBSERVATIONS AND REVIEW OF AS-BUILTS PROVIDED BY CONTRACTOR (AT CONSTRUCTION INC.), IN ACCORDANCE WITH OUR AGREEMENT AS TO THE EXTENT OF OUR SPECIFIED SERVICES IN THIS REGARD, THAT THE ADA ACCESSIBILITY REQUIREMENTS, AS IDENTIFIED ON THE APPROVED PLANS AND SPECIFICATIONS FOR WAWA AT SR44 & MISSION - BID SET SHEET CG. 2, IS SUBSTANTIALLY IN ACCORDANCE WITH THE PERMITTED CONSTRUCTION DOCUMENTS AND ADA ACCESSIBILITY REQUIREMENTS, AND THIS CERTIFICATION DOES NOT RELIEVE ANY PARTY OF THEIR CONTRACTUAL OR OTHER RESPONSIBILITIES.

REVISIONS

**Kimley»Horn**  
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120 RICHARD JACOBSON BOULEVARD SUITE 220  
PALM BEACH, FL 33407 PHONE: 561-833-5820  
WWW.KIMLEY-HORN.COM

PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
LICENSE No. 92072  
EXPIRES 11/02/25

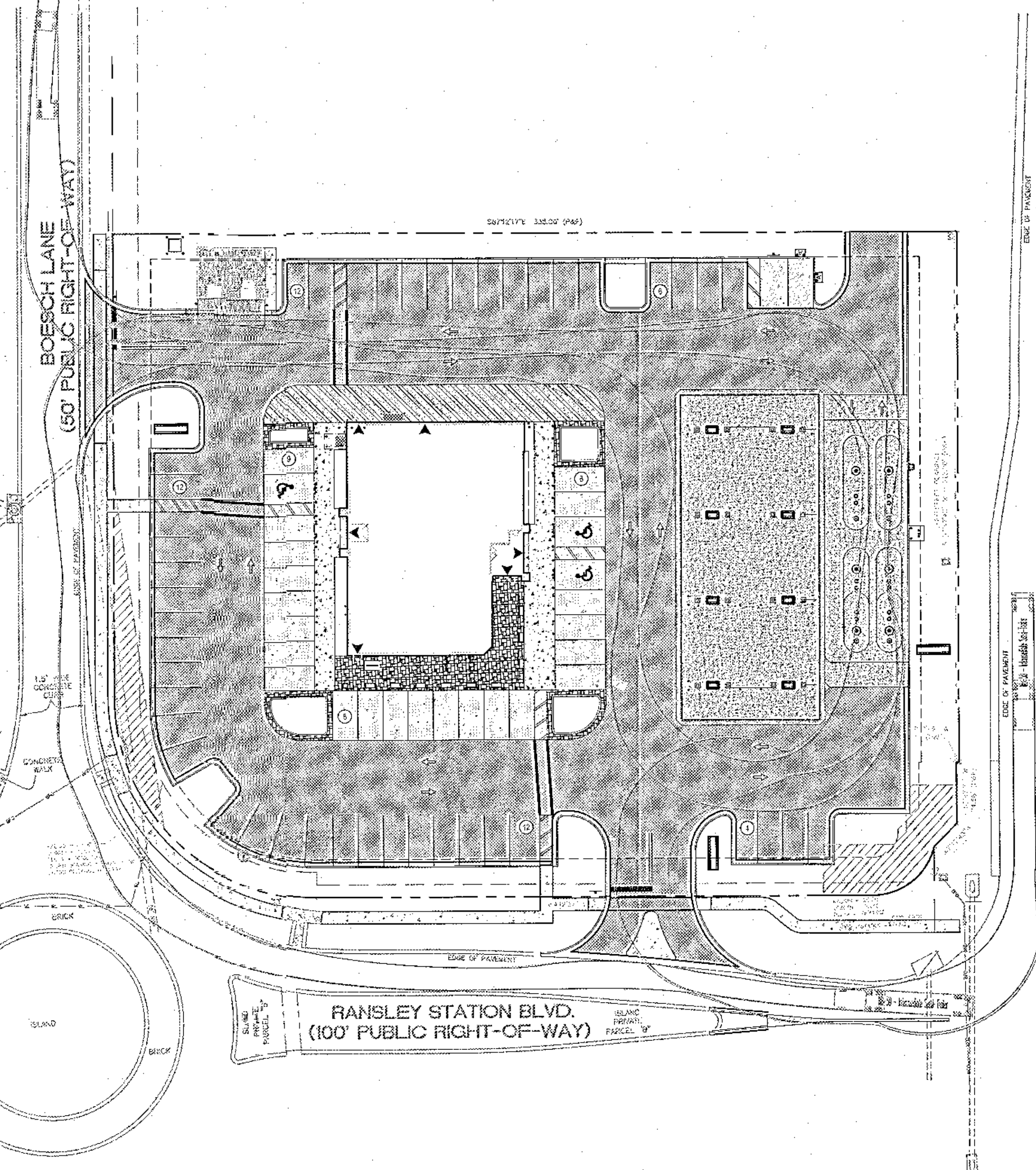
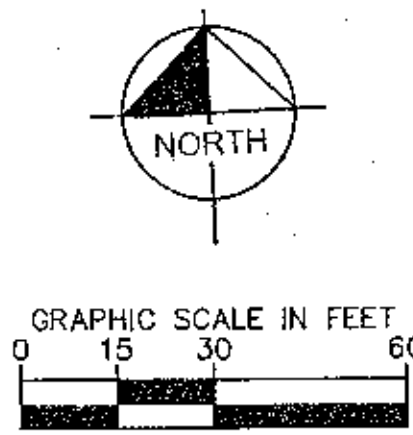
PROJECT: WAWA RANSELY STATION  
DATE: NOVEMBER 2023  
SCALE: AS SHOWN  
DESIGNED BY: EAS  
DRAWN BY: MDW  
CHECKED BY: EAS

**ADA PLAN**

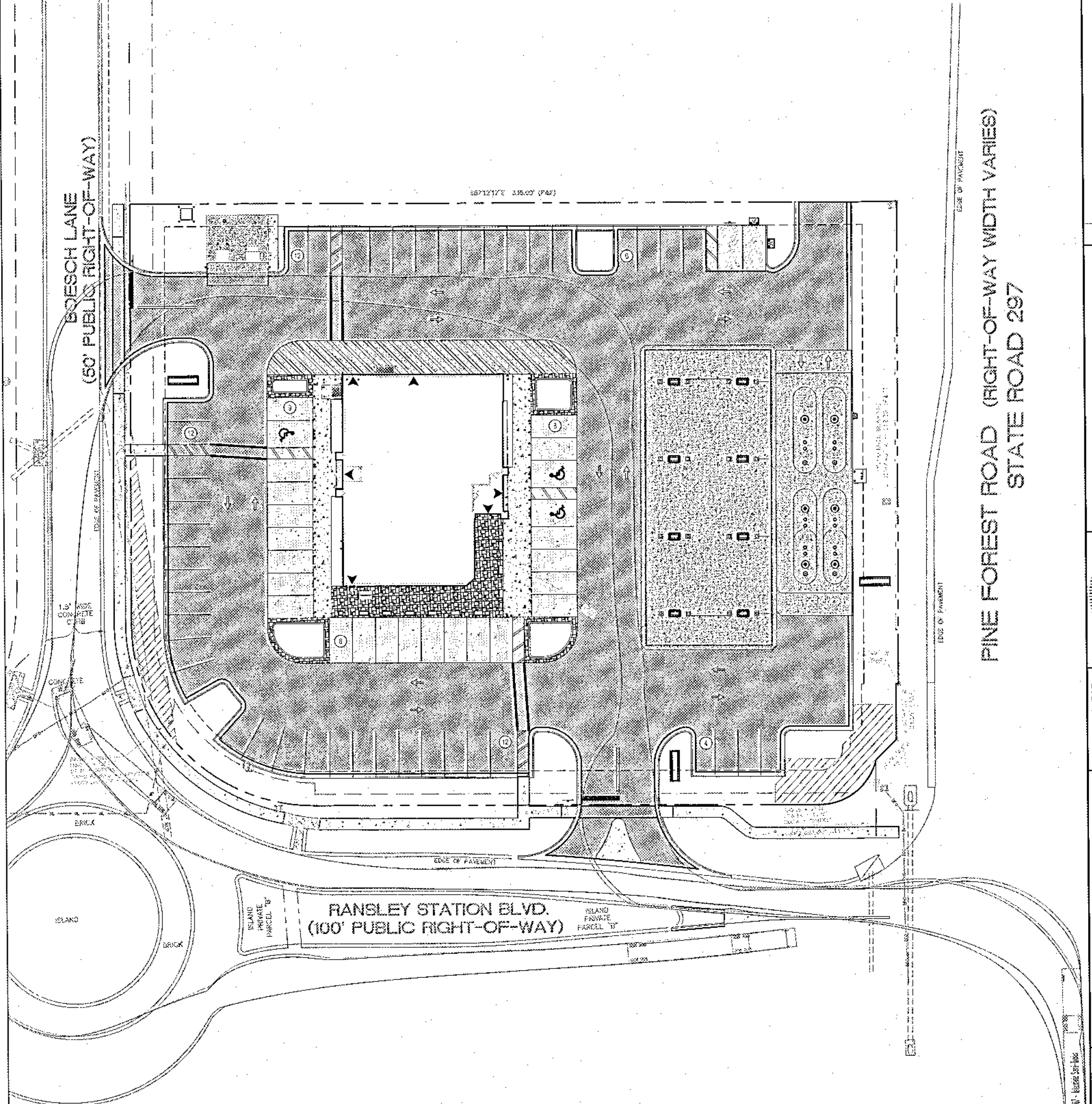
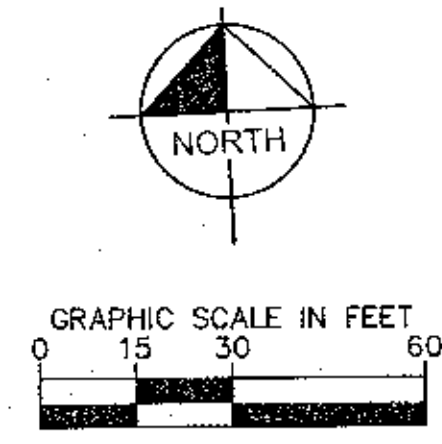
**WAWA RANSELY STATION**  
PREPARED FOR  
CAH DEVELOPMENTS, LLC  
FLORIDA  
ESCAMBIA COUNTY

SHEET NUMBER  
**C201**

## RANSLEY STATION BOULEVARD ACCESS: WB-50



## RANSLEY STATION BOULEVARD ACCESS: WB-67

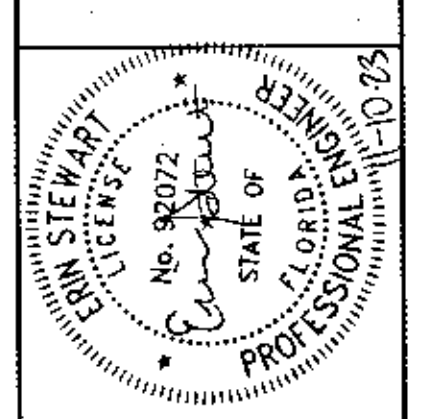


Plotted By: Stewart, Erin    Sheet: WAWA RANSLEY STATION    layout: C202 TRUCK TURN    November 12, 2023    10:25:12am    4: "A"    cad    /cadd/023-wawa-development/023-CAD/plan sheets/C202 SITE PLAN.dwg  
 This document, together with the sheets to and from it, constitute the contract documents. No part of this document shall be used for any other purpose without the written consent of Wawa Development, LLC.

NO.	REVISIONS	DATE	BY

**Kimley** Horn

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12000 BOESCH BLVD. SUITE 210  
PANAMA CITY BEACH, FL 32407    PHONE: 850-453-3500  
WWW.KIMLEY-HORN.COM

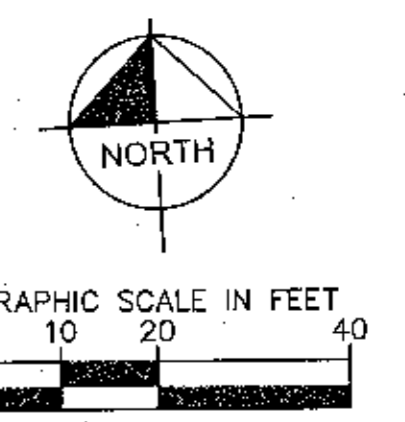


GHA PROJECT: 043490002  
 DATE: NOVEMBER 2023  
 SCALE: AS SHOWN  
 DESIGNED BY: EAS  
 DRAWN BY: MDY  
 CHECKED BY: EAS

**TRUCK TURN**

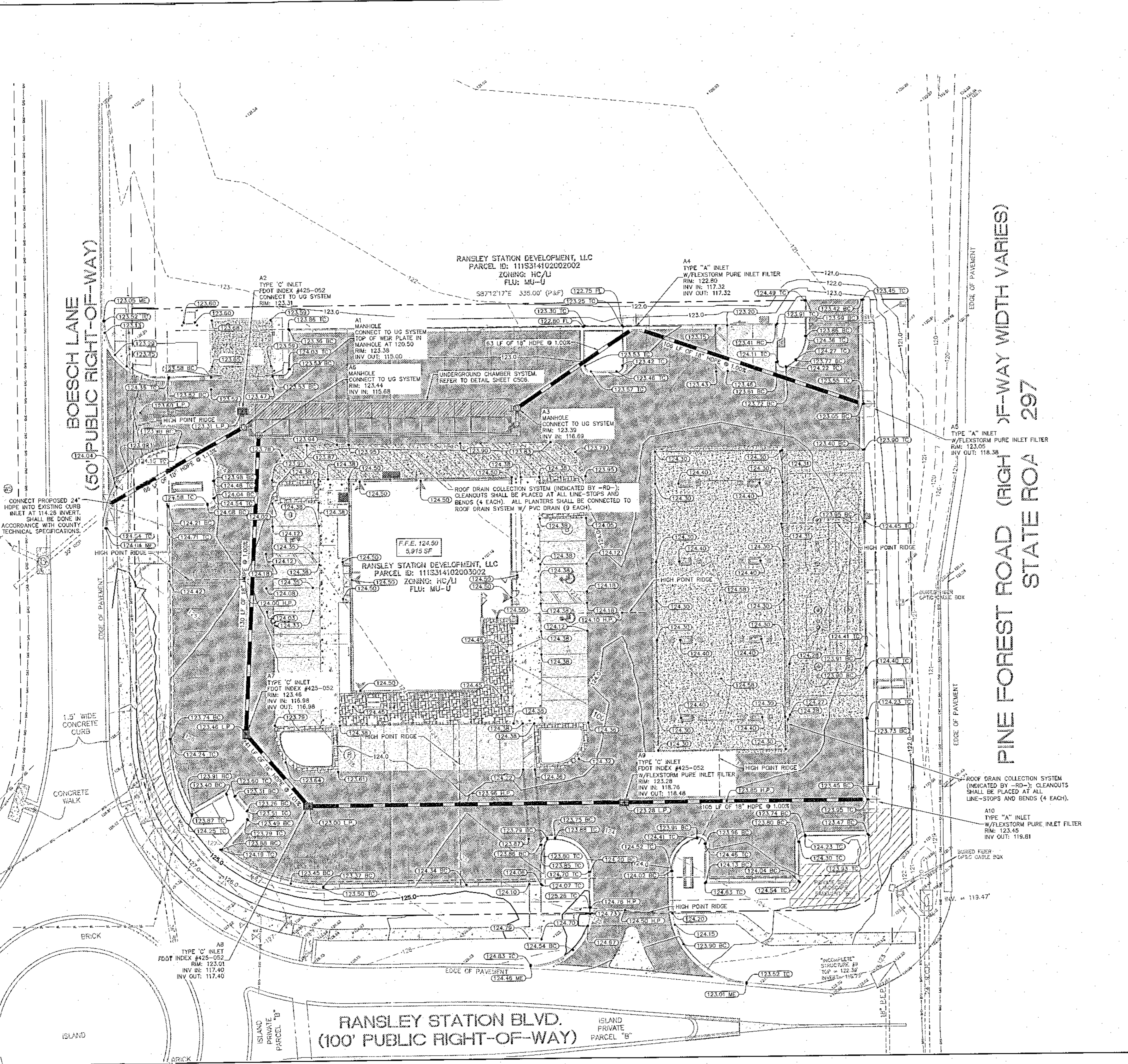
**WAWA RANSLEY STATION**  
 PREPARED FOR  
**CAH DEVELOPMENTS, LLC**  
 ESCAMBIA COUNTY, FLORIDA

SHEET NUMBER  
**C202**



GRADING AND DRAINAGE LEGEND	
	PROPERTY LINE
	BUILDING SETBACK LINES
	EASEMENT LINE
	STORM DRAIN
	ROOF DRAIN
	EXISTING CONTOUR
	EXISTING BUILDING SETBACK LINES
	EXISTING EASEMENT LINE
	PROPOSED CONTOUR
	STANDARD CURB AND GUTTER
	SPOT ELEVATION
	MATCH EXISTING SPOT ELEVATION
	TOP OF CURB SPOT ELEVATION
	BOTTOM OF CURB SPOT ELEVATION
	HIGH POINT SPOT ELEVATION
	LOW POINT SPOT ELEVATION
	PROPOSED GRATE INLETS

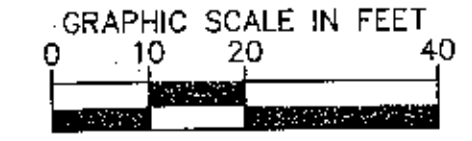
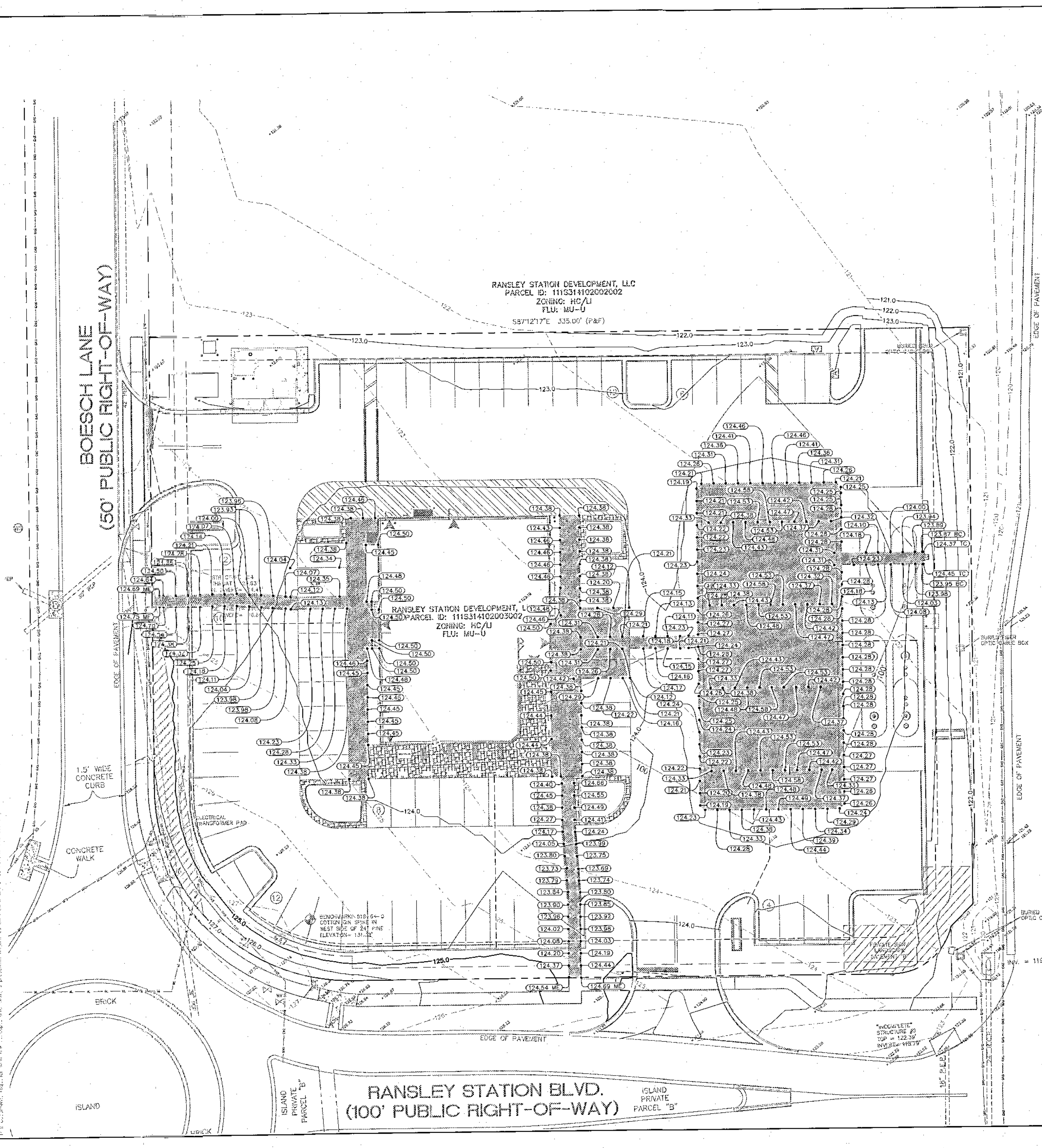
- GENERAL GRADING AND DRAINAGE NOTES:
- REFER TO THE GEOTECHNICAL REPORT FOR FILL IMPORT REQUIREMENTS.
  - REFER TO THE GEOTECHNICAL REPORT FOR REQUIRED SETTLEMENT DURATIONS OF FILL IMPORT PRIOR TO COMMENCEMENT OF HORIZONTAL AND VERTICAL CONSTRUCTION ACTIVITIES.
  - THE GENERAL CONTRACTOR AND PETROLEUM CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UST'S AND ADJACENT RETAINING WALL.
  - A MINIMUM OF 2' OF COVER TO BE PROVIDED OVER ALL STORMWATER DRAINAGE PIPES WITHIN PAVED AREAS.
  - THE DATUM USED IS THE NORTH AMERICAN VERTICAL DATUM OF 1988.
  - THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO 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 ON THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
  - ALL ASPECTS OF THE STORMWATER DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
  - NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
  - THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
  - RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETED PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
  - ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDRUSED AND/OR SOG.
  - ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
  - CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
  - THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION APPROVAL.
  - PRIOR TO CONSTRUCTION A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT(S) SHALL BE OBTAINED FOR ALL RETAINING WALLS HIGHER THAN 2 FEET.
  - NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RW: 1-800-432-4770.
  - ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
  - THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.
  - ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL STATE UNTIL SUCH TIME AS DRG SITE PLANS AND ADDITIONAL PERMITTING APPROVALS ALLOW FOR THE TREE REMOVAL AND LAND DISTURBING ACTIVITIES, PER CODE. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIALS, SWALES, TRENCHING, BERMING, SITE GRADING, CUTTING, OR OTHER "LAND DISTURBING ACTIVITIES", ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION.



	<b>Kimley-Horn</b> 120 RICHARD J. JOHNSON BOULEVARD, SUITE 200 PANAMA CITY BEACH, FL 32413-1000 WWW.KIMLEY-HORN.COM
	SHEET NUMBER <b>C300</b>
WAWA RANSLEY STATION PREPARED FOR CAH DEVELOPMENTS, LLC ESCAMBIA COUNTY FLORIDA	REVISIONS No. DATE BY

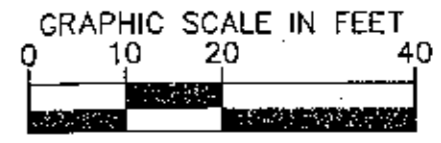
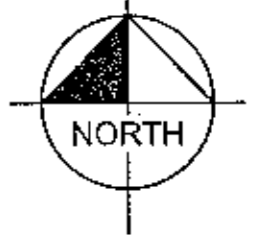
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 The drawings herein were prepared by the undersigned professional engineer or architect, and they are hereby certified to be correct and in accordance with the laws of the State of Florida.

Plotted By: Stewart, Erin Sheet: WAWA RANSLEY STATION, Layout: C301 ADA PATH GRADING PLAN November 12, 2023 11:30:08am  
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GRADING AND DRAINAGE LEGEND	
	PROPERTY LINE
	BUILDING SETBACK LINES
	EASEMENT LINE
	EXISTING BUILDING SETBACK LINES
	EXISTING EASEMENT LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SPOT ELEVATION
	MATCH EXISTING SPOT ELEVATION
	TOP OF CURB SPOT ELEVATION
	BOTTOM OF CURB SPOT ELEVATION
	ACCESSIBLE AREAS

<p><b>WAWA RANSLEY STATION</b>          PREPARED FOR  <b>CAH DEVELOPMENTS, LLC</b>          ESCAMBIA COUNTY FLORIDA</p>	<p><b>ADA PATH GRADING PLAN</b></p>	<p>PROJECT NO: 043450002          DATE: NOVEMBER 2023          STATE AS SHOWN          DESIGNED BY: EAS          DRAWN BY: MDR          CHECKED BY: EAS</p>								
<p><b>Kimley-Horn</b>          2003 BRIDLEWOOD ASSOCIATES, INC.          20 BRIDLEWOOD BOULEVARD SUITE 200          PANAMA CITY BEACH, FL 32407 PHONE: 850-652-3620          WWW.KIMLEY-HORN.COM</p>										
SHEET NUMBER	C301									
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No.	REVISIONS	DATE	BY							

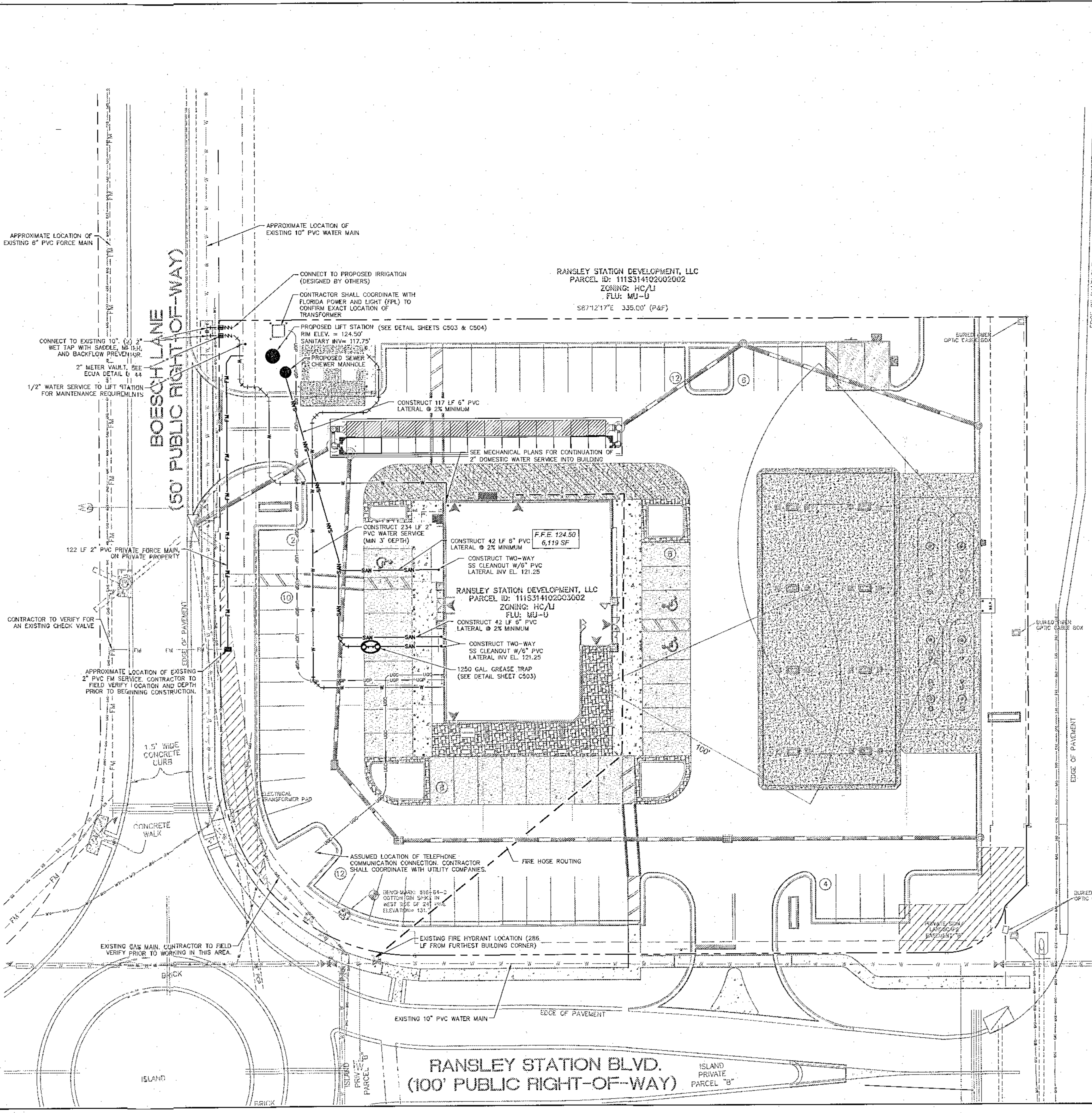


UTILITY LEGEND	
---	PROPERTY LINE
---	EXISTING BUILDING SETBACK LINES
---	EXISTING EASEMENT LINE
---	WATER LINE
---	SAN PROPOSED SANITARY SEWER LINE
---	UGC PROPOSED UNDERGROUND COMMUNICATION
---	UGP PROPOSED UNDERGROUND POWER
---	PROPOSED ROOF DRAIN
---	FM EXISTING FORCEMAIN
---	PROPOSED FORCEMAIN
---	EXISTING WATER MAIN
---	EXISTING OVERHEAD POWER LINES
---	EXISTING BURIED FIBER OPTIC
---	EXISTING GAS MAIN
---	WATER METER
---	GATE VALVE
---	TEE
---	45 DEGREE BEND
---	BACKFLOW PREVENTOR
---	SANITARY SEWER GREASE TRAP
---	SANITARY SEWER CLEANOUT (SSCO)
---	PROPOSED LIFT STATION AND CHEWER

- GENERAL NOTES:**
- ALL WATER MAINS, AND DOMESTIC LINES SHALL BE C900 PVC AND MEET ECUA STANDARDS. BEDDING AND BACKFILL SHALL BE INSTALLED PER THE GEOTECHNICAL RECOMMENDATION. GRANULAR BACKFILL IS REQUIRED UNDER PAVEMENT AND WITHIN 5 FEET OF PAVEMENT.
  - ALL SANITARY SEWER LINES SHALL BE PVC MEETING ASTM D-3034 SDR 35 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN. THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 36" MINIMUM COVER OVER ALL UTILITY MAINS.
  - ALL SANITARY SEWER AND STORM MANHOLES SHALL HAVE TWO (2) 6" ADJUSTING RINGS. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
  - CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
  - CONTRACTOR TO CALL "SUNSHINE STATE ONE CALL OF FLORIDA" (1-800-432-4770) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
  - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE MUNICIPALITY SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
  - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
  - CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS, TO THE MAXIMUM EXTENT, DURING INSTALLATION OF UTILITIES. IF TRAFFIC IS TO BE OBSTRUCTED CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL PLAN WITH THE LOCAL MUNICIPALITY.
  - ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
  - ALL PIPES SHALL BE INSTALLED PER ECUA STANDARDS AND SPECIFICATIONS MANUAL. ALL PIPES SHALL BE INSTALLED WITH LOCAL WIRE AND IDENTIFICATION PER ECUA CODE.
  - MAINTAIN DEEP CLEARANCES AT ALL UTILITY CROSSINGS.
  - REFER TO LANDSCAPE PLANS FOR IRRIGATION LAYOUT.
  - CONTRACTOR RESPONSIBLE FOR COORDINATION WITH ECUA ON OBTAINING METERS, ECUA TO INSTALL METERS.
  - PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE (LDC) & DESIGN STANDARDS MANUAL (DSM), ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL STATE UNTIL SUCH TIME AS DRP SITE PLAN & ANY ADDITIONAL PERMITTING APPROVALS ALLOW FOR DEMOLITION & LAND DISTURBING ACTIVITIES TO COMMENCE. ALL TREE REMOVAL, LAND CLEARING, GRADING, BERMING, FILLING OR THE PLACEMENT OF FILL MATERIALS ONSITE, IN THE ROWS OR ANY OTHER LAND DISTURBING ACTIVITIES WHICH MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY & OTHER JURISDICTIONAL AGENCIES PRIOR TO INITIATION.

		DATE	
		REVISIONS	
		NO.	
		DATE	
		REVISIONS	
		NO.	
<b>Kimley-Horn</b> <small>© 2003 KIMLEY-HORN AND ASSOCIATES, INC.        120 RICHARD JACKSON BOULEVARD SUITE 230        PANAMA CITY BEACH, FL 32407 PHONE: 850-553-3500        WWW.KIMLEY-HORN.COM</small>		DATE	
<b>WAWA RANSLEY STATION</b> PREPARED FOR CAH DEVELOPMENTS, LLC ESCAMBIA COUNTY FLORIDA		DATE	
SHEET NUMBER <b>C400</b>		DATE	

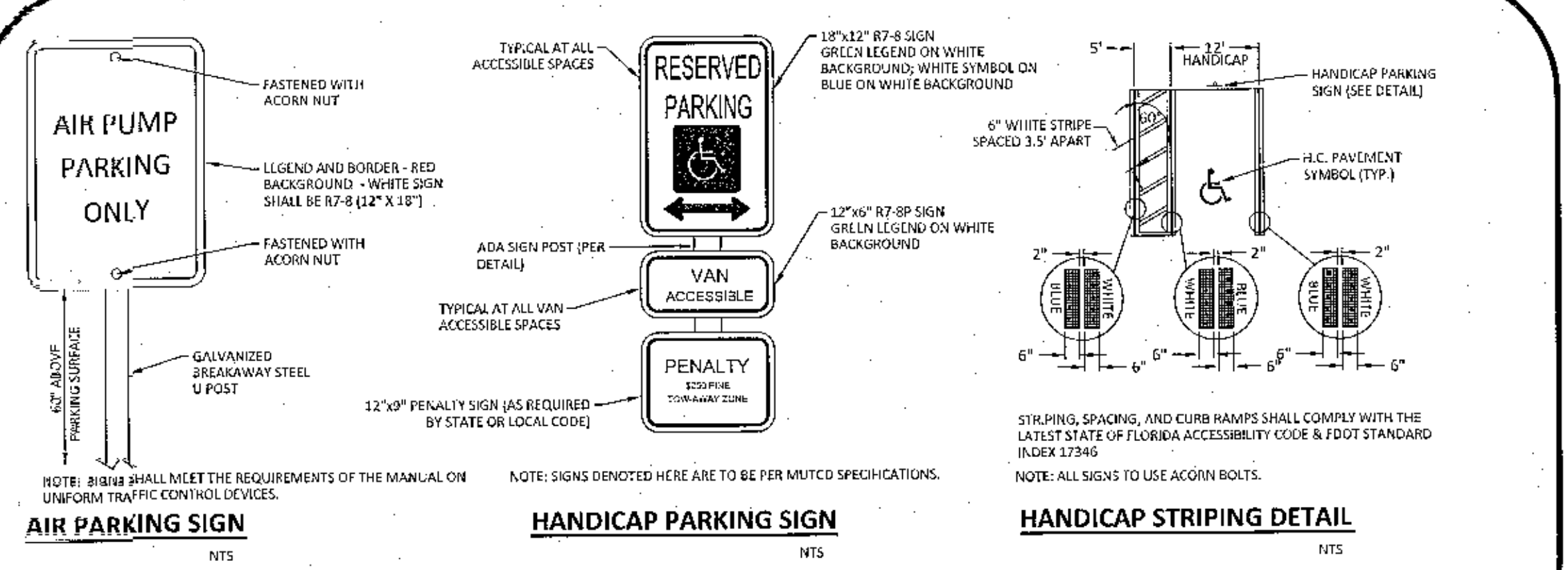
**PINE FOREST ROAD (RIGHT-OF-WAY WIDTH VARIES)  
STATE ROAD 297**



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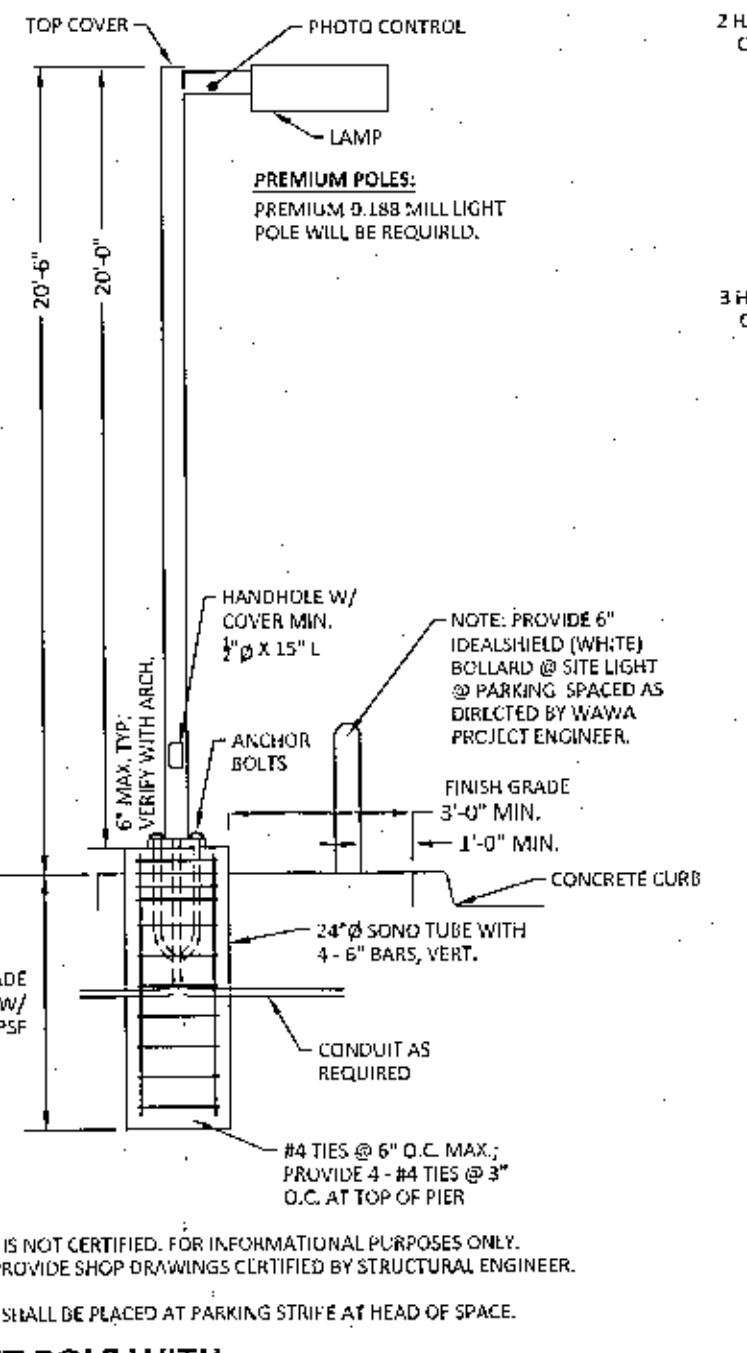
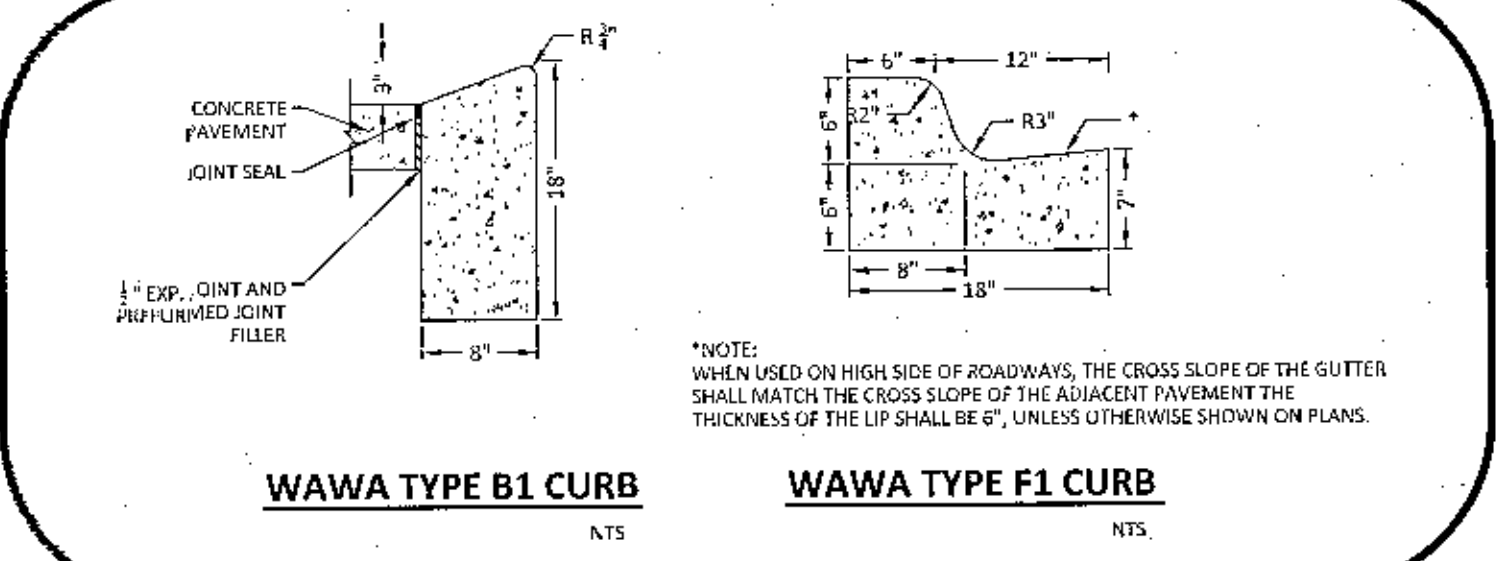
**WAWA SIGNAGE/STRIPING DETAILS**

REV. JULY 26, 2017



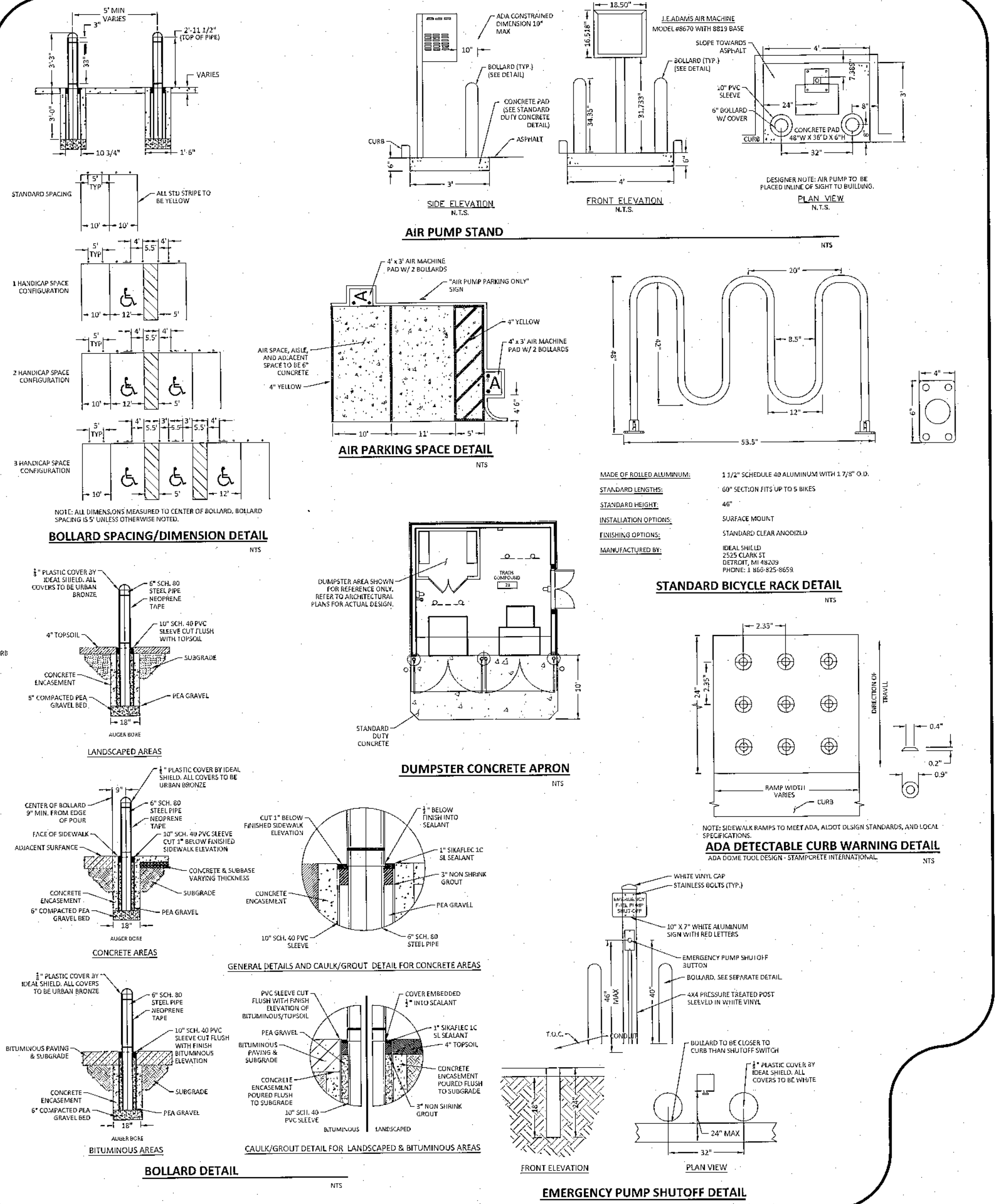
**WAWA CURB DETAILS**

REV. JUNE 19, 2017



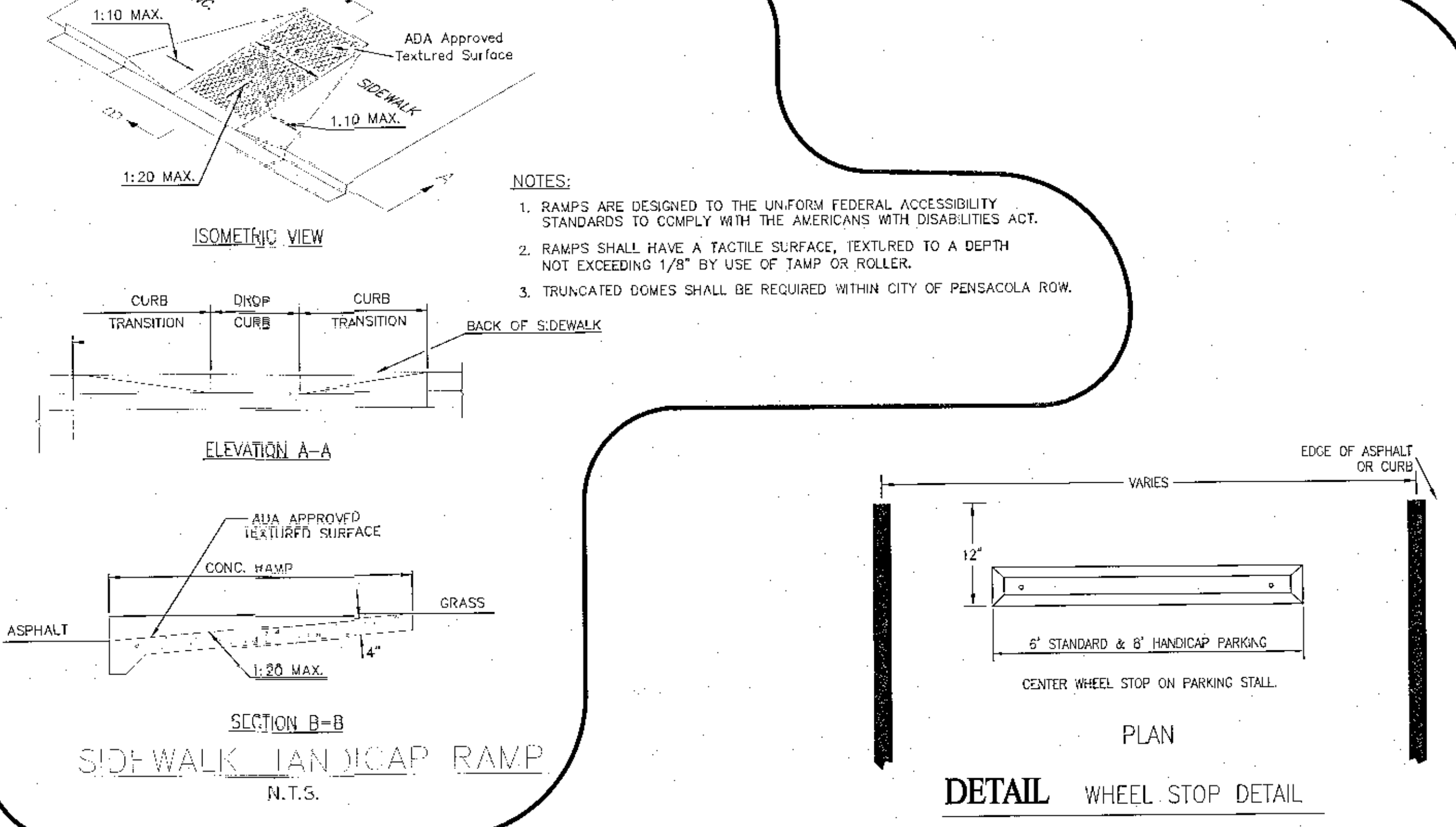
**WAWA GENERAL DETAILS**

REV. JULY 28, 2016



**WAWA SIDEWALK/ANALOG RAMP**

- NOTES:**
1. RAMPS ARE DESIGNED TO THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT.
  2. RAMPS SHALL HAVE A TACTILE SURFACE, TEXTURED TO A DEPTH NOT EXCEEDING 1/8" BY USE OF TAMP OR ROLLER.
  3. TRUNCATED DOMES SHALL BE REQUIRED WITHIN CITY OF PENSACOLA ROW.



REVISIONS

NO.	DATE	DESCRIPTION

**Kimley»Horn**  
2023 PUBLIC WORKS AND ASSOCIATES, INC.  
1000 W. GULF BLVD., SUITE 100  
PENSACOLA, FL 32504  
PHONE: 850-433-3500  
WWW.KIMLEY-HORN.COM

PROFESSIONAL ENGINEER  
No. 192072  
STATE OF FLORIDA  
JAN STEWART  
11/15/2023

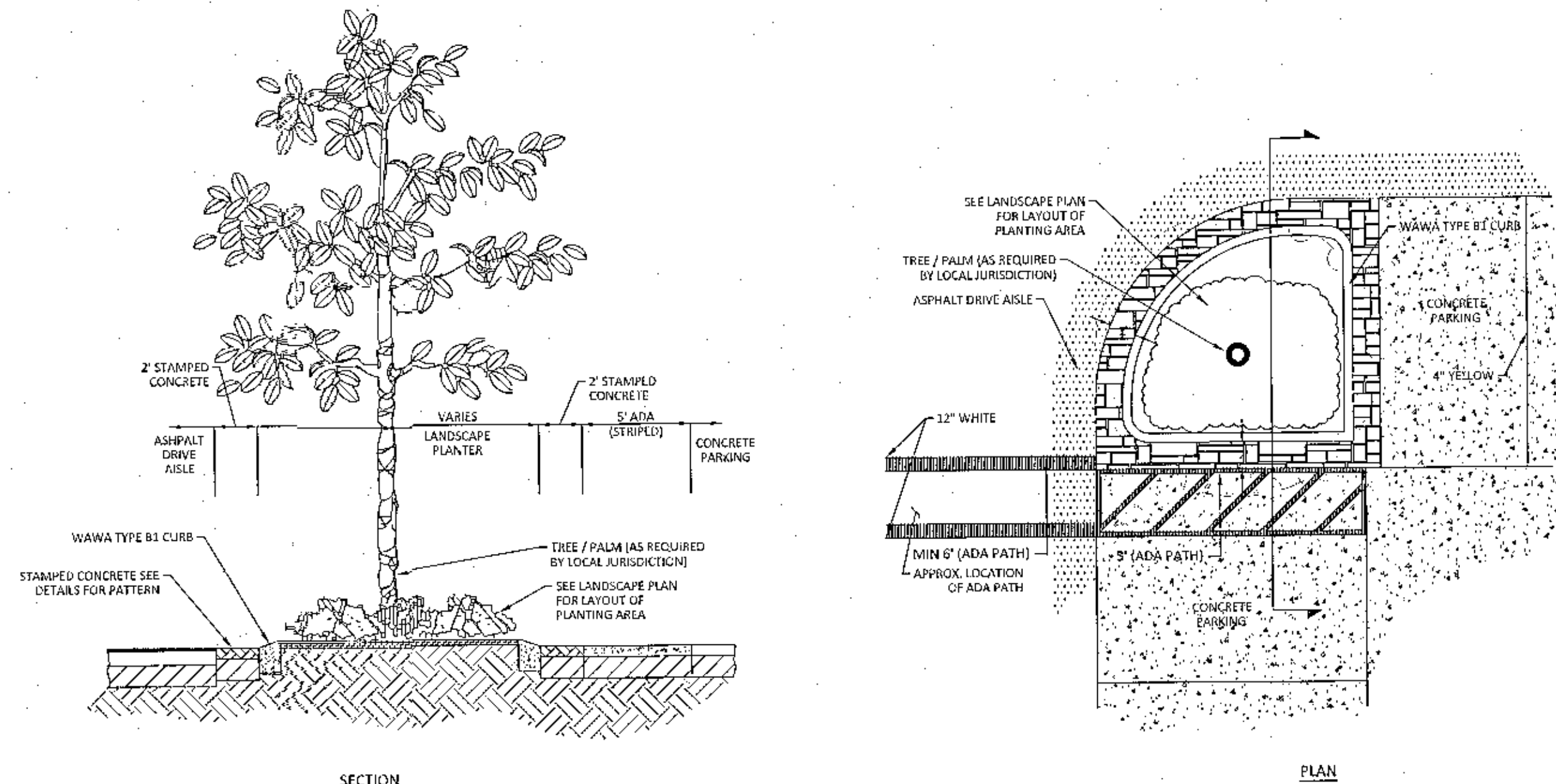
WAWA RANSLY STATION  
PREPARED FOR CAH DEVELOPMENTS, LLC  
ESCAMBIA COUNTY FLORIDA

SHEET NUMBER  
**C500**

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November 12, 2023 11:05:00am  
LAYOUT: C500 CONSTRUCTION DETAILS  
SCALE: AS SHOWN  
DESIGNED BY: EAS  
DRAWN BY: MDW  
CHECKED BY: EAS

**WAWA PLANTER DETAILS**

REV. JULY 28, 2016

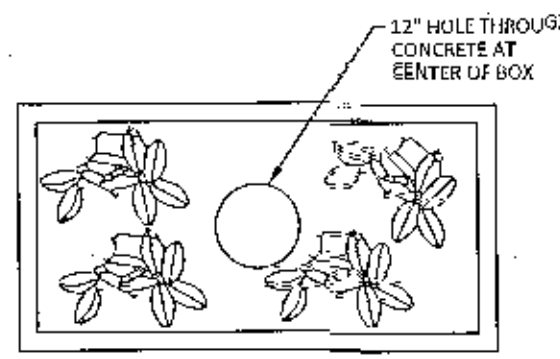


SECTION

PLAN

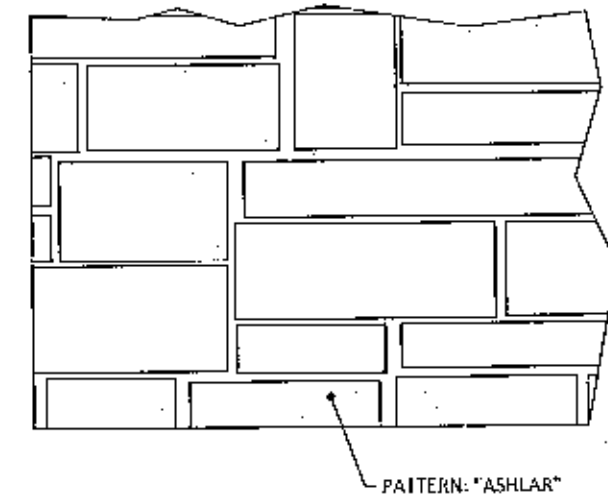
**CORNER ISLAND LANDSCAPE DETAIL**

NTS



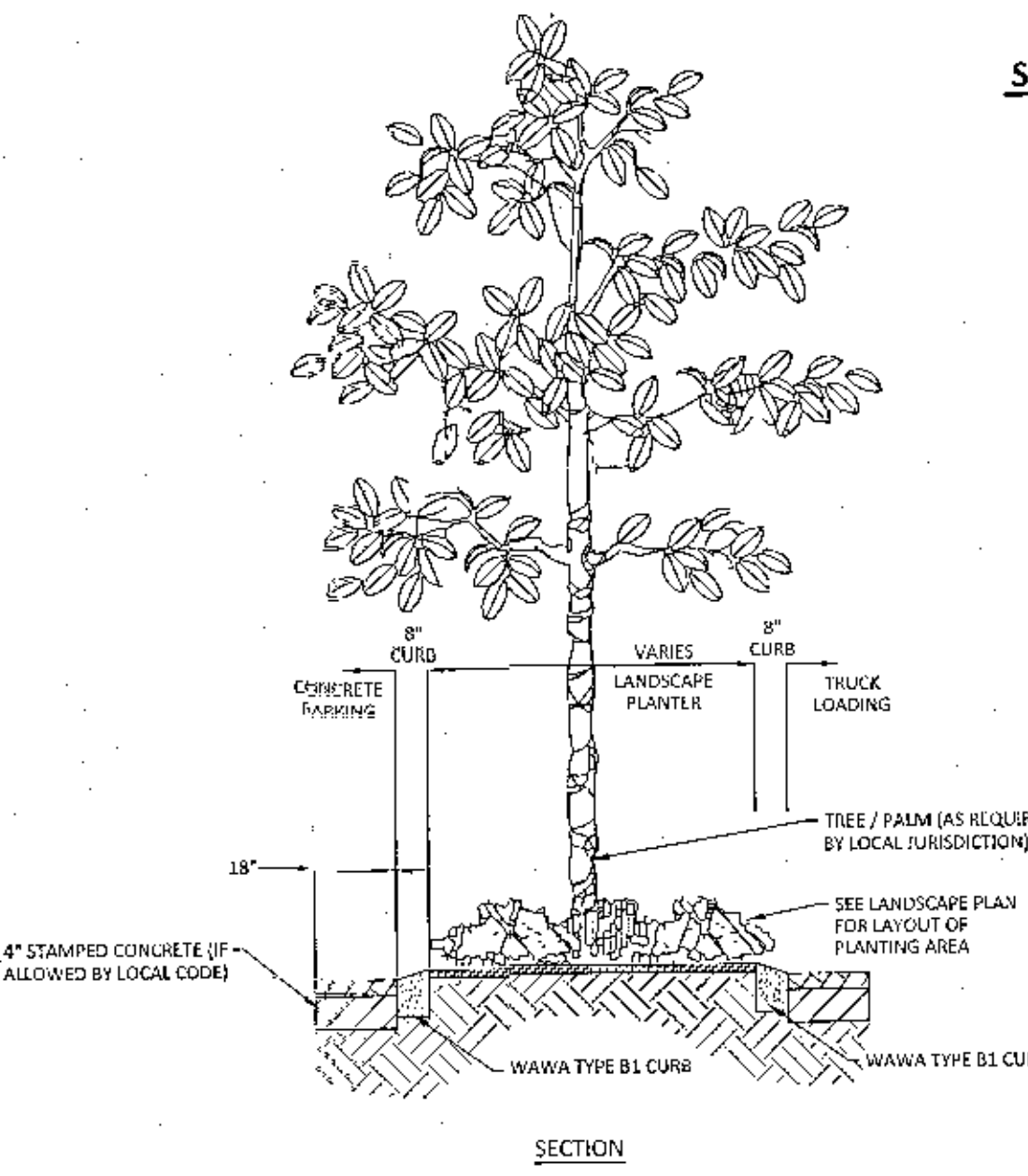
**PLANTER BOX DRAINAGE DETAIL**

NTS



**STAMPED CONCRETE DETAIL**

- NOTES:**
- SEE PAVEMENT SECTION FOR PAVEMENT DETAILS TO BE STANDARD DUTY CONCRETE IN NON-VEHICULAR AREAS. TO MEET CONCRETE CROSSWALK DETAIL FOR CROSSWALKS IF APPLICABLE.
  - FINAL COLOR TO BE COORDINATED WITH WAWA PRIOR TO INSTALLATION.
  - THE STAMPED CONCRETE FIELD IS "ASHLAR" PATTERN. USE INCRETE COLOR-INTEGRATED CONCRETE "DESERT TAN" WITH THE FOLLOWING STEP-BY-STEP TREATMENT:
    - 100% BROADCAST DRY SHAKE HARDENER "DESERT TAN", FOLLOWED BY:
    - 30%-35% BROADCAST DRY SHAKE HARDENER "COCOA", THEN HARD TROWEL.
    - USE RELEASE POWDER "PEACH" IN MOLD. KEEP SOME OF THE COLOR IN GROUT JOINTS AND HIGHLIGHTS.
    - USE PENETRATING, NON-GLOSSY SEALER SUCH AS CLEAR SEAL BY INCRETE SYSTEMS



SECTION

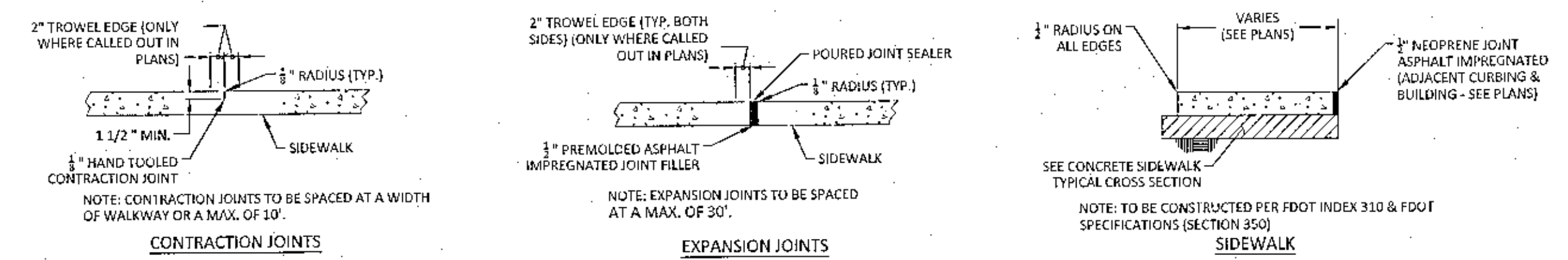
PLAN

**PARKING ISLAND LANDSCAPE DETAIL**

NTS

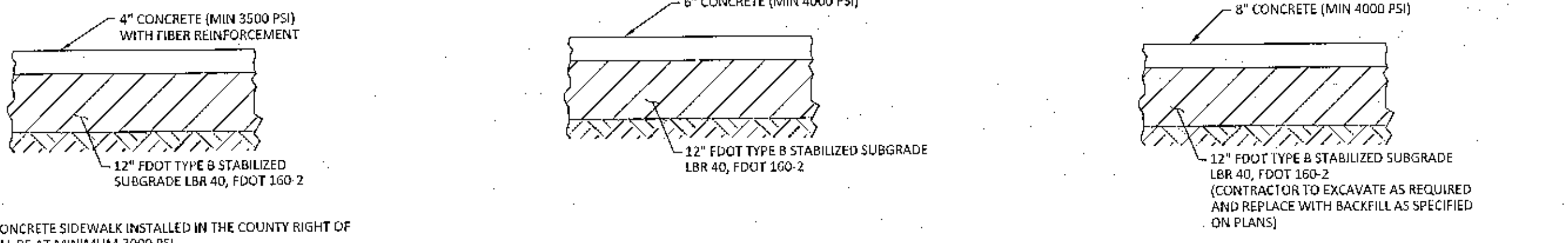
**WAWA PAVEMENT DETAILS**

REV. JULY 28, 2016



**SIDWALK DETAILS**

NTS



**CONCRETE SIDEWALK TYPICAL CROSS SECTION**

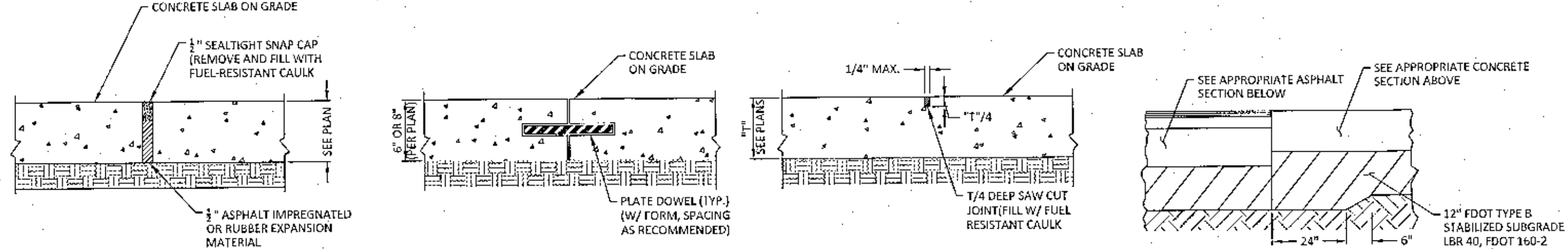
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**STANDARD DUTY CONCRETE PAVEMENT TYPICAL CROSS SECTION**

NTS

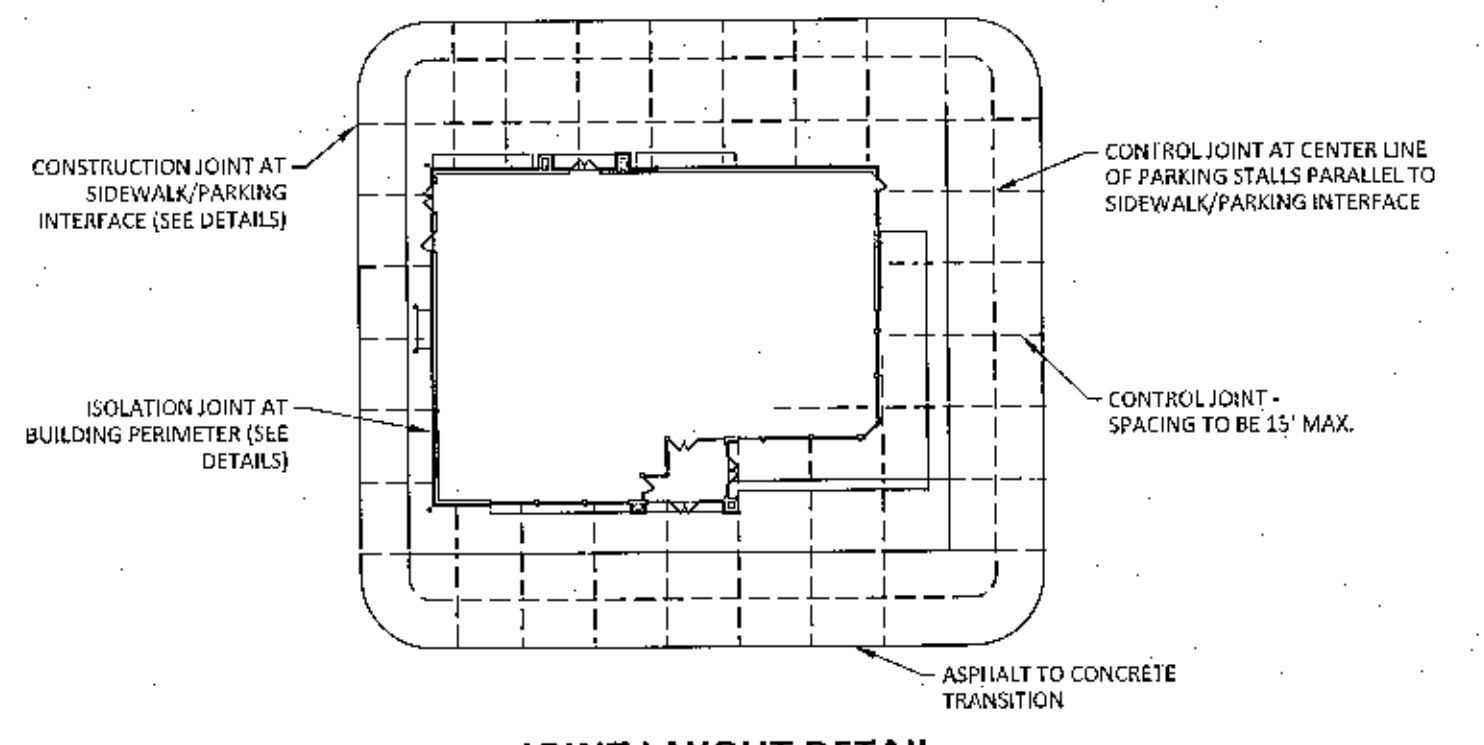
**HEAVY DUTY CONCRETE PAVEMENT TYPICAL CROSS SECTION**

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**CONCRETE JOINT DETAILS**

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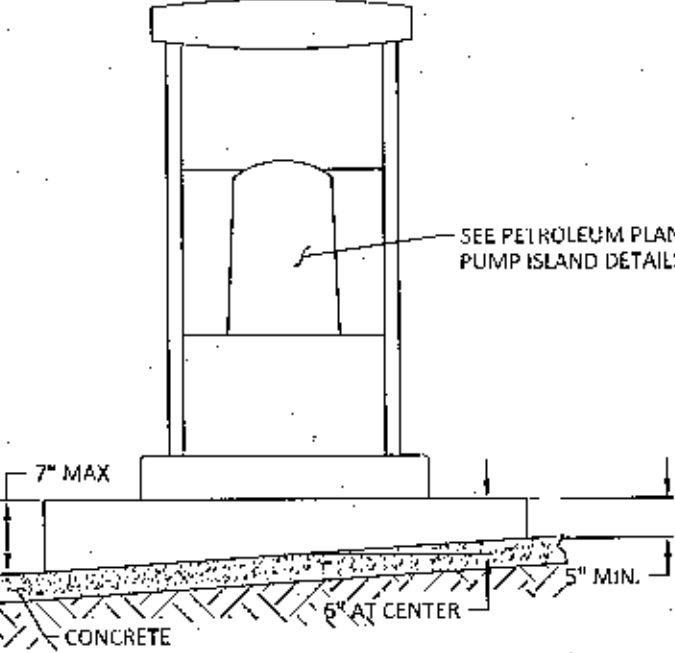


**JOINT LAYOUT DETAIL**

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**ASPHALT TO CONCRETE TRANSITION DETAIL**

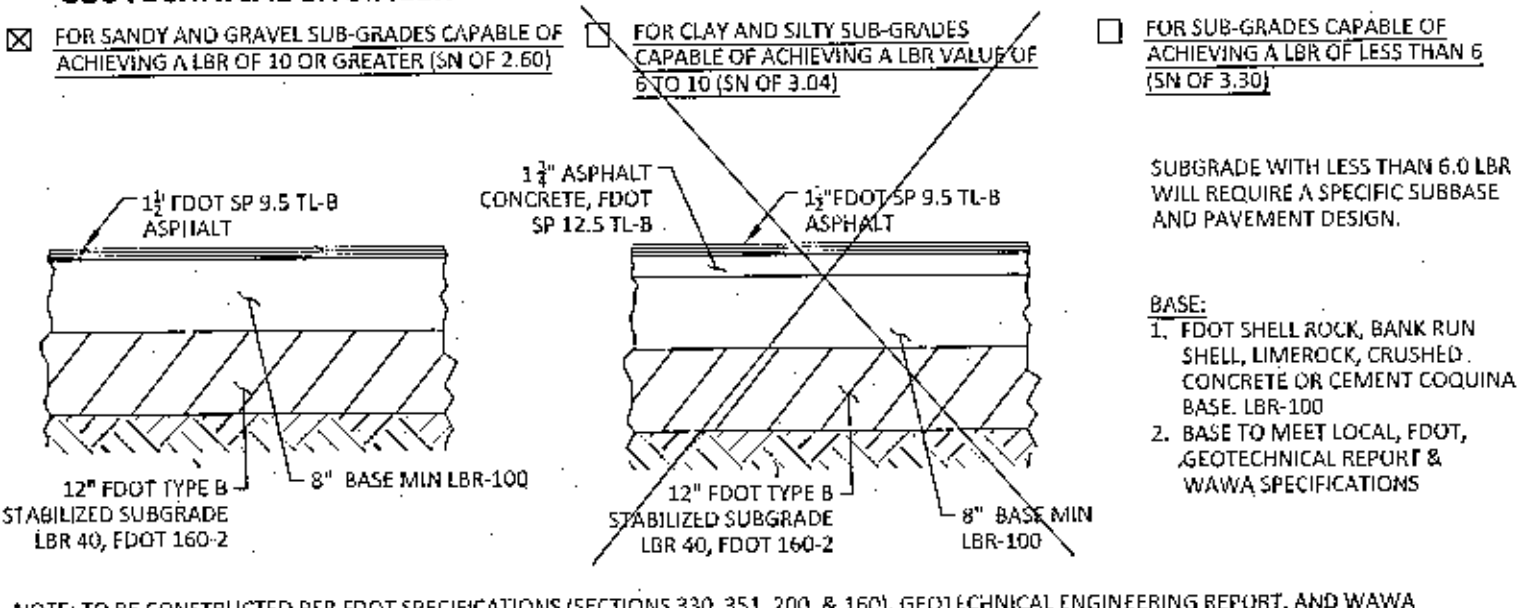
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**PUMP ISLAND GRADING DETAIL**

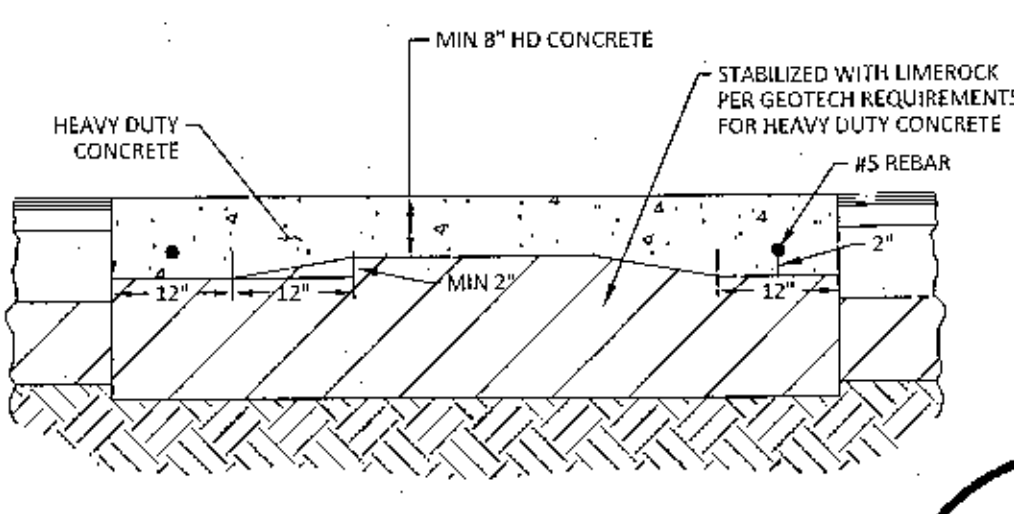
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**STANDARD DUTY ASPHALT PAVEMENT OPTIONS: SELECT ONE. TO BE DETERMINED BY SITE GEOTECHNICAL ENGINEER**



**STANDARD DUTY ASPHALT PAVEMENT TYPICAL CROSS SECTION**

NTS



**CONCRETE CROSSWALK DETAIL**

NTS

No.	REVISIONS	DATE	BY

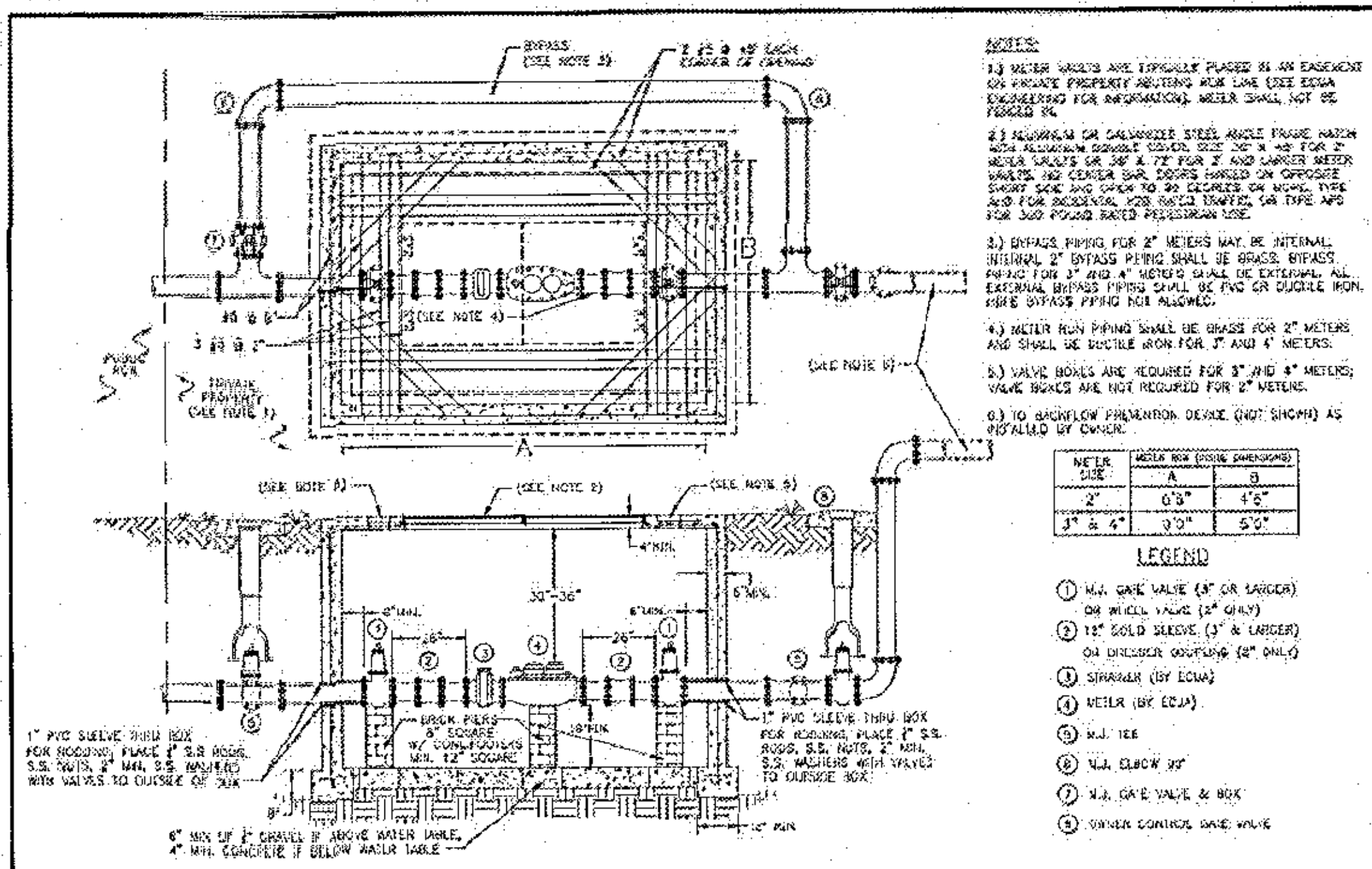
**Kimley-Horn**  
 3025 KIMLEY-HORN AND ASSOCIATES, INC.  
 PARKWAY CITY, MISSISSIPPI 39207  
 PHONE: 662-553-3500  
 WWW.KIMLEY-HORN.COM

Professional Engineer  
 State of Florida  
 License No. 92072  
 Kimley-Horn and Associates, Inc.  
 3025 Kimley-Horn and Associates, Inc.  
 Parkway City, Mississippi 39207

KHA PROJECT 043490002	DATE NOVEMBER 2023
SCALE AS SHOWN	DESIGNED BY EAS
DRAWN BY RDW	CHECKED BY EAS

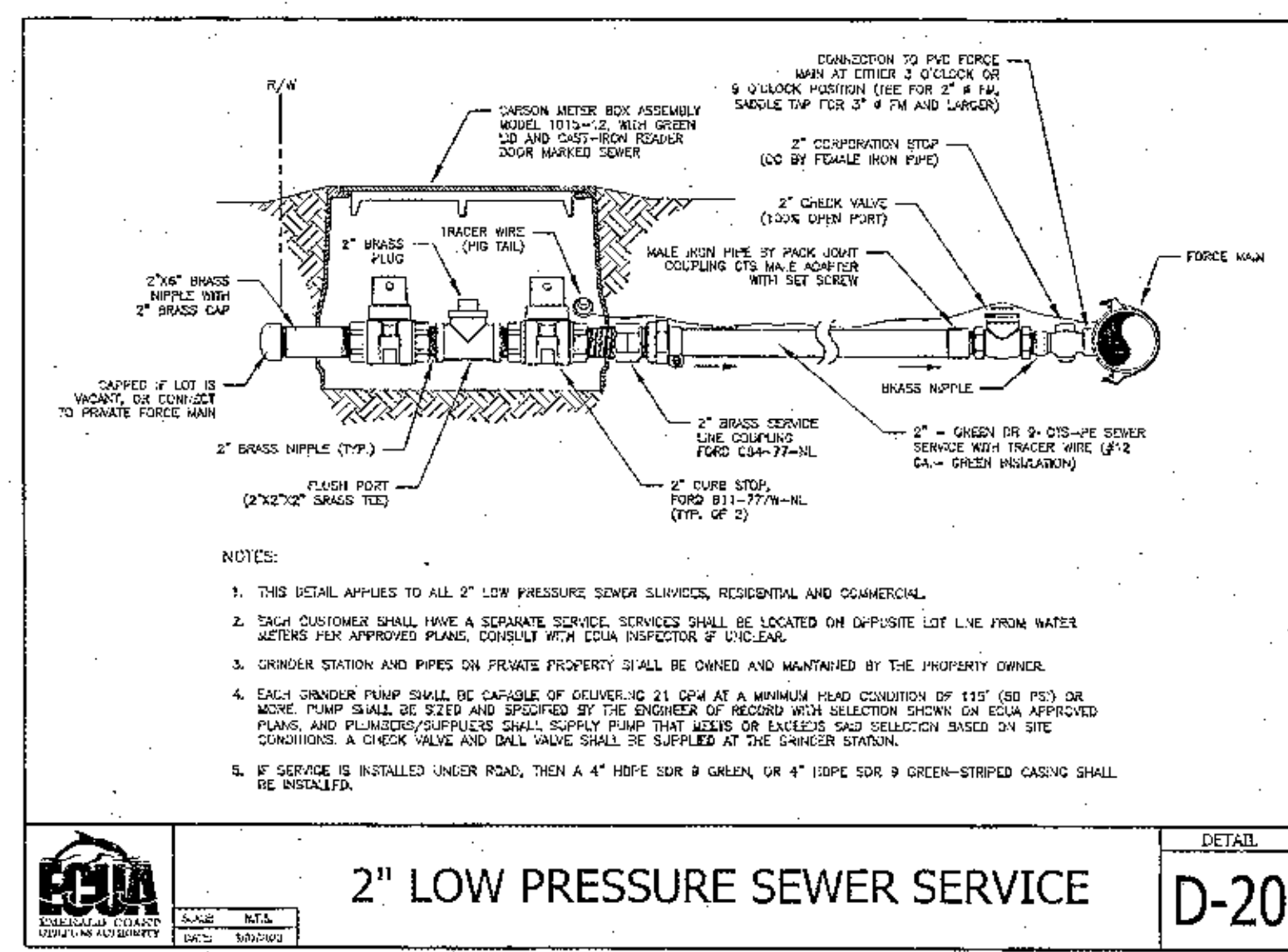
**CONSTRUCTION DETAILS**

**WAWA RANSLY STATION**  
 PREPARED FOR  
**CAH DEVELOPMENTS, LLC**  
 ESCAMBIA COUNTY, FLORIDA



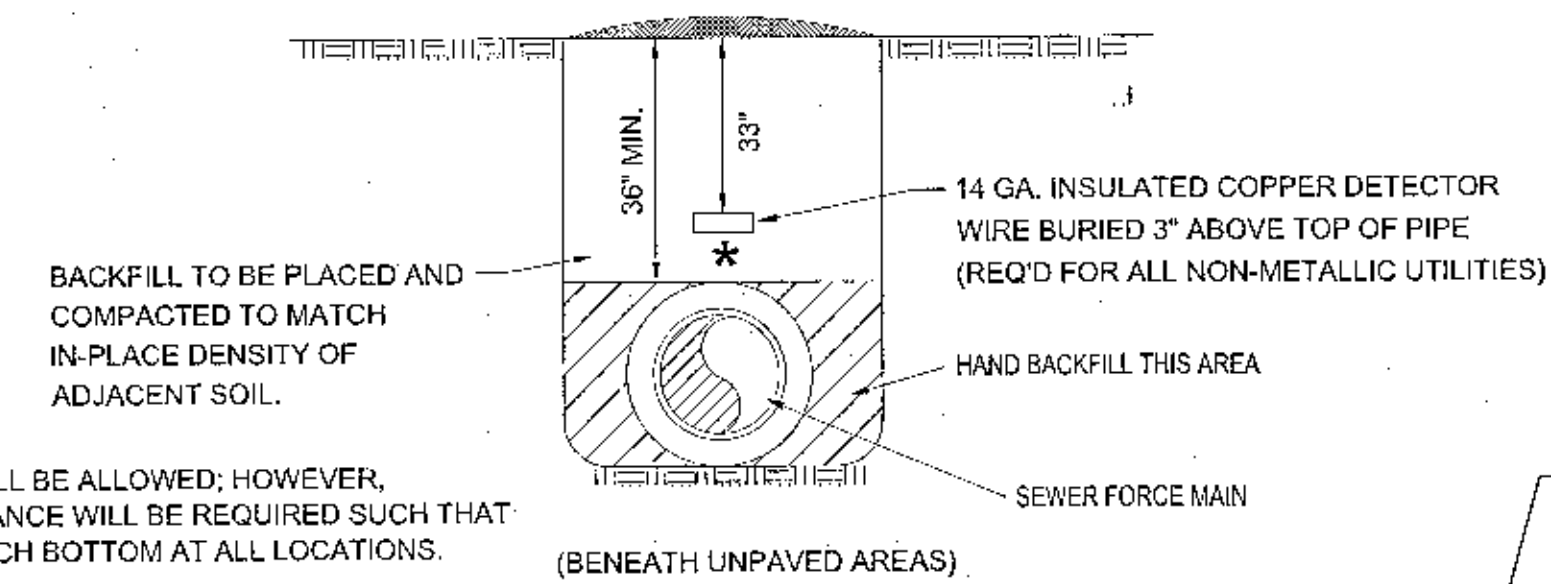
**2", 3" & 4" METER VAULT**

DETAIL  
**D-44**

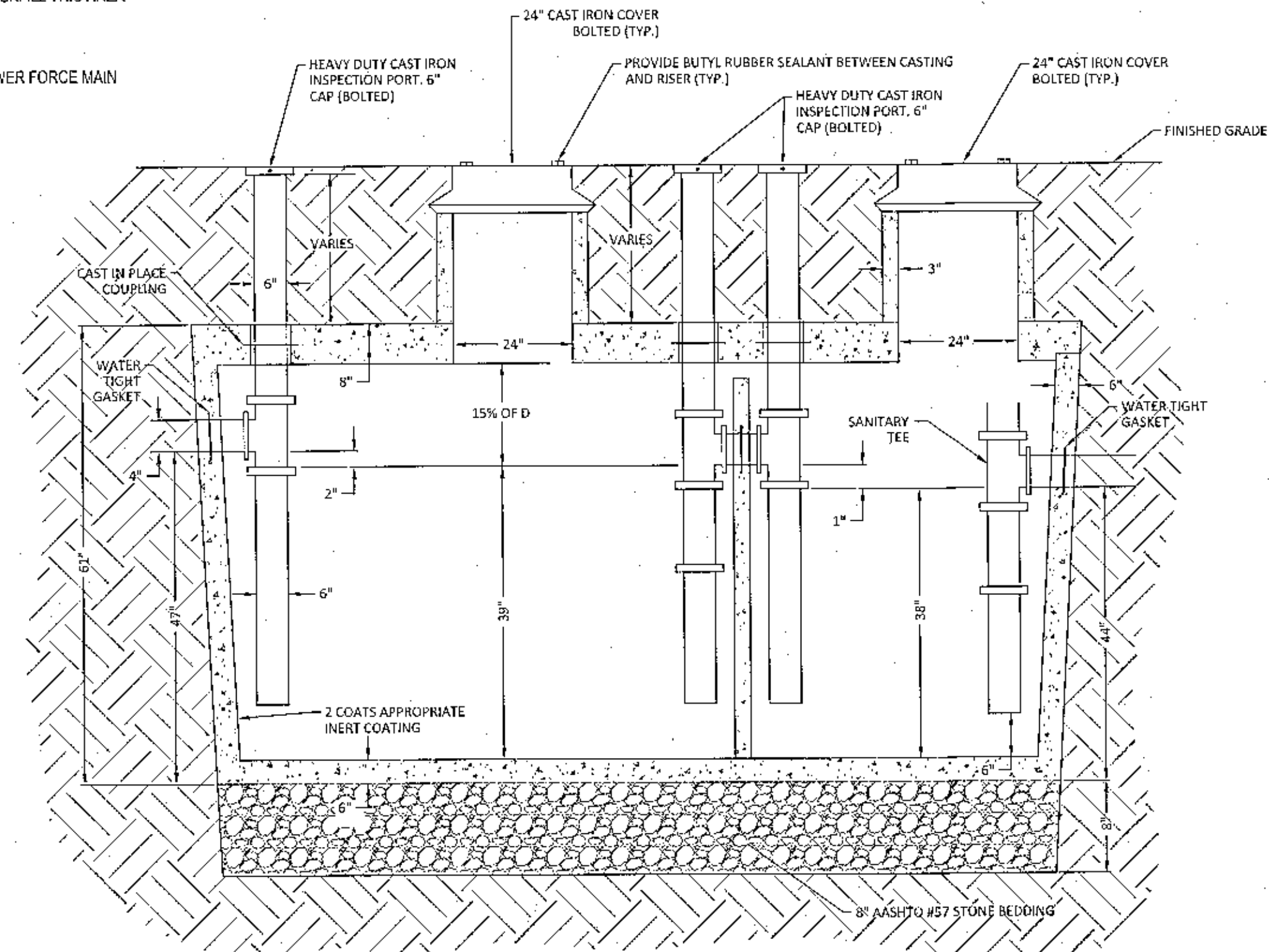


**2" LOW PRESSURE SEWER SERVICE**

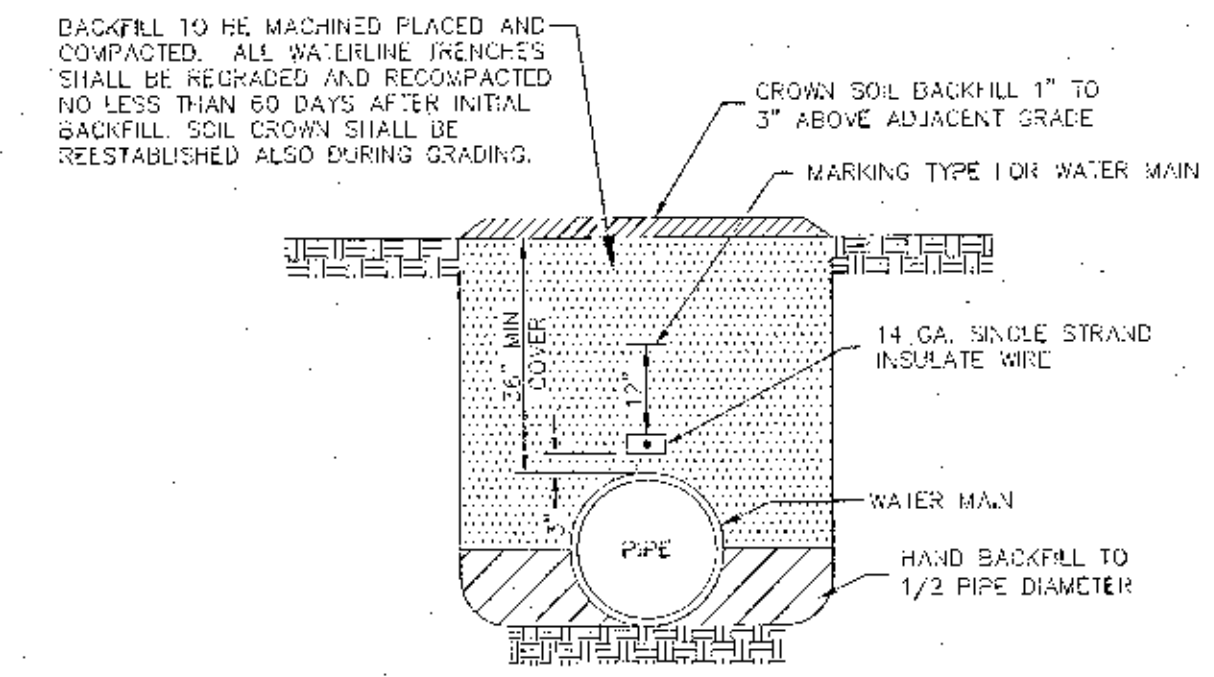
DETAIL  
**D-20**



**SEWER TRENCH DETAIL**  
N.T.S.



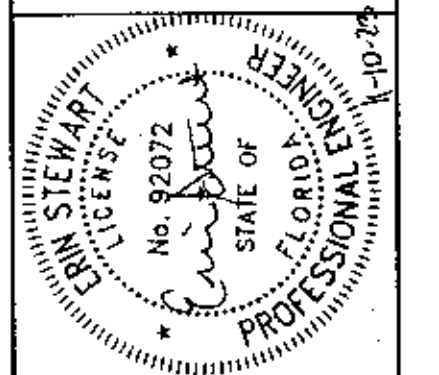
- DIMENSION: 10'7" INTERIOR / 11'7" EXTERIOR LENGTH x 5'2" INTERIOR / 6'2" EXTERIOR WIDTH
- 1) WHEN LOCATED IN DRIVEWAYS OR PAVED AREAS, GREASE TRAP TO BE DESIGNED FOR APPROPRIATE LOAD BEARING CONDITIONS. GREASE TRAP SHALL BE CAPABLE OF WITHSTANDING HS-20 LOADING.
- 2) ALL PIPE PENETRATIONS SHALL BE WATERTIGHT.
- 3) GREASE TRAP SHALL BE PROVIDED WITH GAS-TIGHT MANHOLE COVERS, IN ACCORDANCE WITH TOWNSHIP STANDARD SPECIFICATIONS.
- 4) PRECAST CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH 5000 PSI.
- 5) EXTERIOR CONCRETE SURFACES BELOW GRADE SHALL HAVE 2 COATS OF COAL TAR EPOXY.
- 6) SPECIFIC SEALANT DETAIL AT CONCRETE RISER TO CONCRETE VALVE INTERFACE SHALL BE WATERTIGHT. AT A MINIMUM, THE JOINT SHALL BE SEALED WITH BUTYL RUBBER SEALANT (KENT SEAL #2 OR APPROVED EQUIVALENT) AND THE EXTERIOR OF THE JOINT SHALL BE SEALED WITH NON-SHRINK GROUT IN CONFORMANCE WITH THE TOWNSHIP STANDARD GREASE TRAP DETAIL.
- 7) TANK SHALL BE TESTED FOR WATER TIGHTNESS BY FILLING FOR 24 HRS. TO SOAK, THEN TOPPED OFF, AND THEN WATCHED FOR 24 HRS. NO DROP IN WATER IS ALLOWED.
- 8) CAST IRON SHALL BE BOLTED TO CONCRETE WITH MASTIC TAPE (KENT SEAL OR APPROVED EQUIVALENT) SEALANT.
- 9) MAXIMUM EARTH COVER=5.0', HS-20 LOADING.
- 10) INLET AND OUTLET EQUIPPED WITH PIPE SEALS.



**WATER MAIN INSTALLATION**  
(UNPAVED AREAS)

NO.	REVISIONS	DATE	BY

**Kimley-Horn**  
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120 BIRCHWOOD JACKSON HOULEVED STATE 232  
PANAMA CITY BEACH, FL 32407 PHONE: 850-553-2500  
WWW.KIMLEY-HORN.COM



PROJECT NO.	04-5490002
DATE	NOVEMBER 2023
SCALE	AS SHOWN
DESIGNED BY	EAS
DRAWN BY	WDR
CHECKED BY	EAS

**CONSTRUCTION DETAILS**

**WAWA RANSLEY STATION**  
PREPARED FOR  
**CAH DEVELOPMENTS, LLC**

SHEET NUMBER  
**C502**

FLORIDA  
ESCAMBIA COUNTY



# WAWA, INC.

## TYPICAL FLORIDA PUMP STATION DETAIL

WAWA PREFERRED PRE-FABRICATED PUMP STATION VENDOR:

RILEY & Company, Inc.  
Sanford, FL 32773 (Ph. 407-265-9963)

**NO SUBSTITUTIONS - NO ALTERNATES**  
**LIFT STATION WILL BE PRIVATELY OWNED AND MAINTAINED.**

The H-20 Load Rated Fiberglass Wetwell Must Be Manufactured by L.F. Manufacturing, Giddings, Texas, Which Includes A Written 20 Yr. Warranty. Certification of the wetwell H-20 load rating must be supplied with submittals. H-20 certification must be signed and sealed by an engineer registered in the State of Florida.

After the H-20 load rated wetwell has been installed, the ASTM Certification Number and Serial Tracking Number must be visible.

### PUMPS: (3 YEAR WARRANTY)

Submersible grinder pumps shall be HOMA Model RC10027 FM. The pumps must be installed in the H-20 GP FRP Wetwell utilizing a dual slide rail system. The grinder unit shall be capable of macerating materials normally found in domestic and commercial sewage into a fine slurry which will pass through the pump and the HDPE discharge piping.

Stator winding shall be open type with Class F insulation and shall be heat-shrink fitted into the stator housing. The use of pins, bolts, or other fastening devices is not acceptable.

A heat sensor thermostat shall be attached to the top end of the motor winding and shall be connected in series with the magnetic contactor coil in the control panel to stop motor if winding temperature exceeds 140 C., but shall automatically reset when the winding temperature returns to normal. Two heat sensor thermostats shall be used on three phase motors.

The pump motor grinder shaft shall be AISI 430F SS threaded to take the pump impeller and the grinder impeller.

Upper & lower mechanical seals shall be Silicon Carbide vs Silicon Carbide.

**MISCELLANEOUS:** All wiring on the back panel shall be contained within the wiring duct. All wiring between the inner door and the back panel shall be contained within a plastic spiral wrap. Each wire shall have a wire number at each end to correspond to the as built drawing for field troubleshooting. The control panel must be manufactured in-house by lift station supplier and be a TUV (UL508A Certified) facility.

**FASTENERS & APPURTANCES:** All fasteners, lifting chains, float cable bracket, hinges, and appurtenances shall be made of AISI 316SS.

A 316SS slide/latch assembly shall be provided for holding the doors open on the wetwell and valve box. Slide rails shall be made of SCH.40 AISI 304SS pipe. Pump lifting cables shall be made of AISI 316 SS. Pump lifting bales shall be made of AISI 316 SS.

### H-20 LOAD RATED WETWELL WITH LIFTING LUGS:

The fiberglass wetwell must be H-20 load rated with integral lifting lugs, fiberglass slope in bottom of wetwell and valve box. Certification of the H-20 load rating must be supplied at the time of submittals to Engineer. The wetwell shall be manufactured of fiberglass reinforced polyester (FRP) of depth and diameter as shown on the lift station elevation detail. The wall thickness shall be adequate for the depth of the wetwell to maintain the H-20 LOAD RATING.

### EXECUTION:

Installation shall be in strict accordance with the manufacturer's recommendations in the locations shown on the drawing.

**INSPECTION & TESTING:** A factory representative shall be provide for a one (1) time start-up and shall have complete knowledge of the proper operation and maintenance of complete system. Megger the motors. The pump motors shall be megged out prior to the start-up to ensure that the insulation of the pump motor/cable is intact. The pump controls and pumps shall be checked for mechanical reliability and proper operation.

PUMP DATA	
PRIMARY PUMP CAPACITY	29 GPM
PRIMARY TDH	28.9 TDH
SECONDARY PUMP CAPACITY	40.5 GPM
SECONDARY TDH	18.5 TDH
PUMP MANUFACTURER	HOMA
PUMP MODEL #	RC10027 FM
R.P.M.	3450
HORSEPOWER	1.20
IMPELLER DIAMETER	4 7/16"
ELECTRICAL/ VOLTS / PHASE	208V/3
FULL LOAD AMPS/ PER PUMP	4.3
PUMP DISCHARGE SIZE	2"

ELEVATIONS	
TOP OF WETWELL	123.98
INLET INVERTS	116.82
HIGH LEVEL ALARM (HLA)	116.00
2nd PUMP ON (LAG)	115.50
1st PUMP ON (LEAD)	115.00
PUMPS OFF (OFF)	114.25
BOTTOM OF WETWELL	111.98
WETWELL DIAMETER	36"

**PRIVATE**  
**SANITARY SEWER**  
**PUMP STATION**

IN CASE OF EMERGENCY CONTACT THE FOLLOWING NUMBERS:

FACILITY OWNED BY:  
NAME: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_

FACILITY MAINTAINED BY:  
NAME: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_  
STATION NUMBER: \_\_\_\_\_

CONTRACTOR SHALL SUPPLY INFO. SIGN

**SEWER CHEWER:** Protects downstream equipment from being plugged or damaged from large solids, thus reducing expensive repairs and down time. Mechanical seal mounted on a separate stainless steel sleeve for easy and quick replacement. Cutter cartridge consists of one assembly for quick replacement. All fasteners, lifting chains, hinges, and appurtenances shall be made of AISI 316SS.

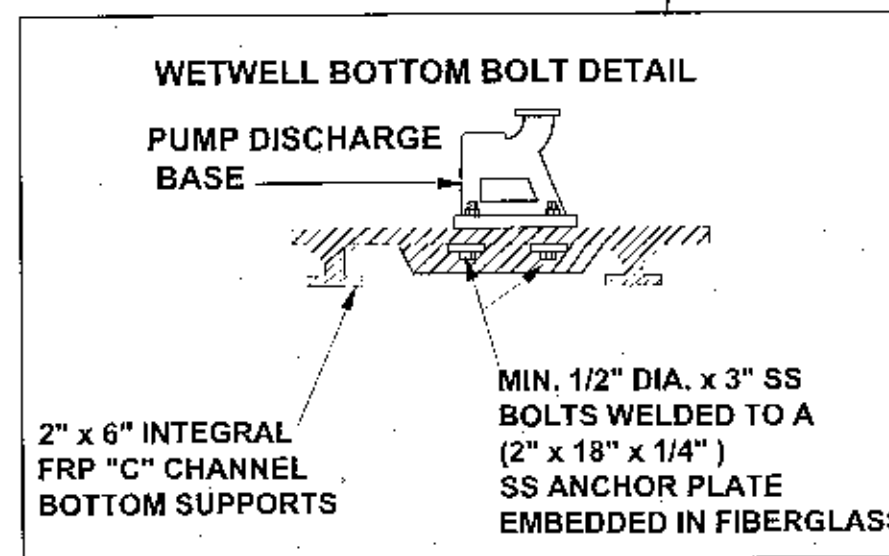
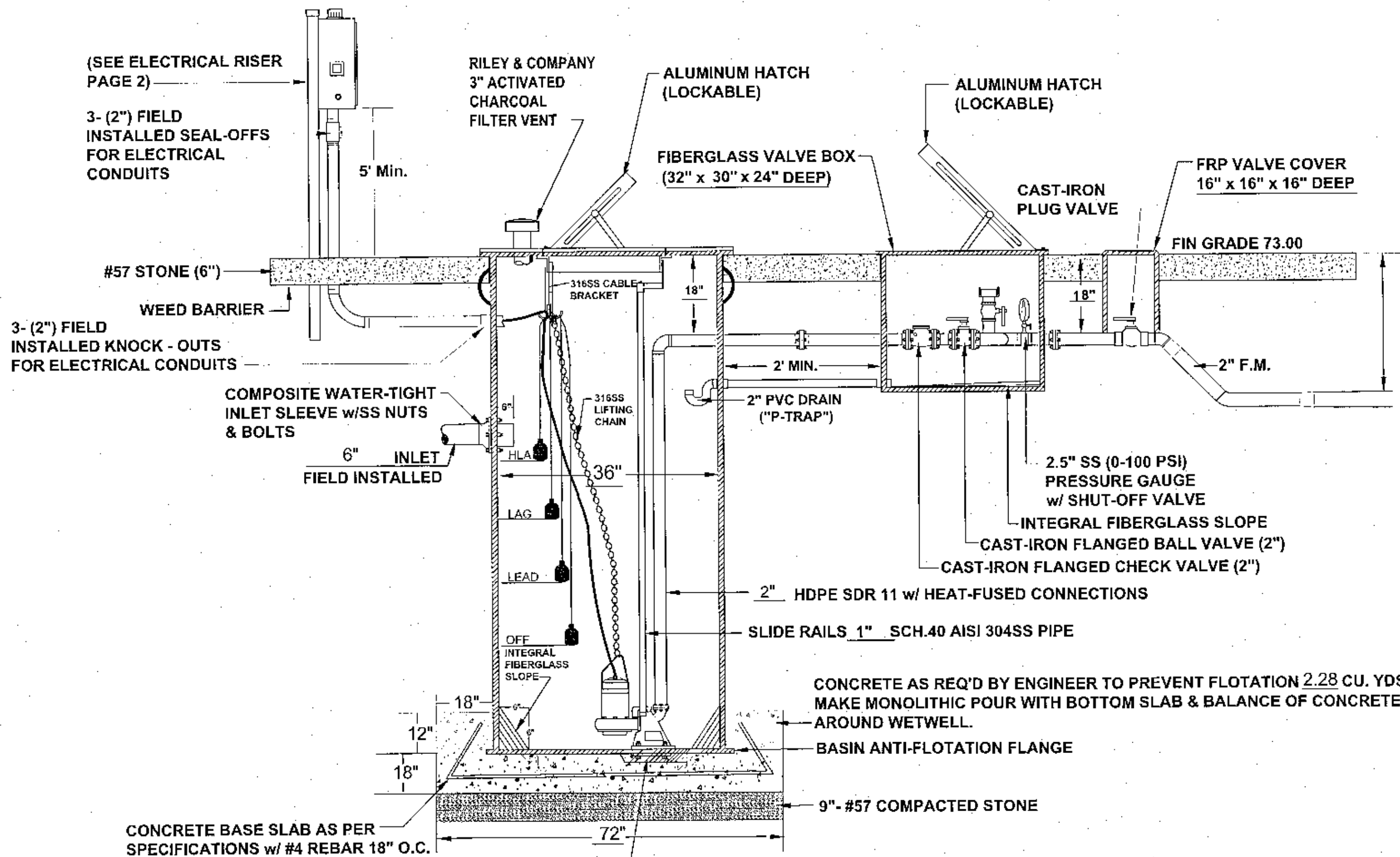
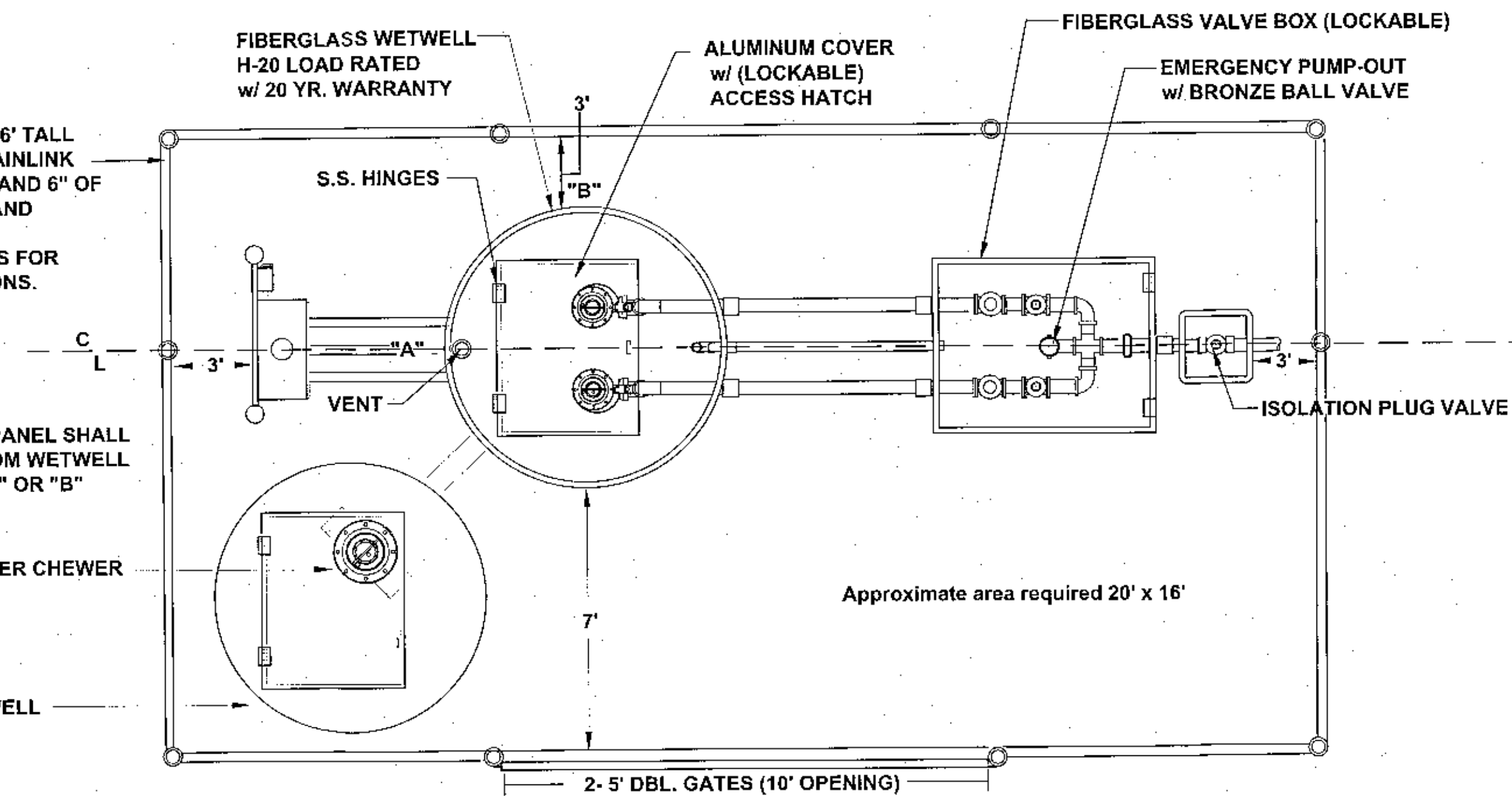
A 316SS slide/latch assembly shall be provided for holding the doors open on the wetwell and valve box. Slide rails shall be made of SCH.40 AISI 304SS pipe.

1. Water service with hose bibb and reduced pressure backflow preventer to be installed near lift station. (See Electrical Riser Illustration Page 2)
2. Control panel shall be NEMA 4X fiberglass enclosure (30" x 30" x 10" Deep)
3. All wiring shall be copper and shall meet all NEC and manufacture's requirements
4. Control panel and top hatch shall be located above the 100 yr. flood elevation.
5. Wetwell access cover, valve box, and control panel shall be pad lockable.
6. Control panel shall have audible and visual alarm system, motor overload, and phase/voltage protection.
7. Electric service cable and conduit shall be sized per NEC and local codes.
8. System shall be operated and maintained to provide uninterrupted service as required by Chapter 62-604.500.
9. Approved Operation & Maintenance Manual(O&M) shall be kept available at a site acceptable to FDEP for use by operation and maintenance personnel or inspection by DEP personnel.
10. All fasteners inside wetwell shall be stainless steel.
11. A weather resistant emergency contact sign shall be installed at the lift station and made visible to the public (Lettering shall be min. 2" in height.)

CONTRACTOR TO INSTALL 6' TALL COMMERCIAL GRADE - CHAINLINK FENCING, WEED BARRIER, AND 6" OF #57 STONE INSIDE FENCE AND AROUND LIFT STATION. SEE CONSTRUCTION PLANS FOR OVERALL FENCE DIMENSIONS.

NOTE: PUMP CONTROL PANEL SHALL BE LOCATED 3 FEET FROM WETWELL PERIMETER AT POINT "A" OR "B"

SEWER CHEWER  
SEWER CHEWER WETWELL



NO.	REVISIONS	DATE	BY

**Kimley-Horn**  
© 2002 KIMLEY-HORN AND ASSOCIATES, INC.  
1201 RICHARD J. HARRISON BOULEVARD, SUITE 250  
PANAMA CITY BEACH, FL 32407 PHONE: 900-552-3500  
WWW.KIMLEY-HORN.COM

FLORIDA PROFESSIONAL ENGINEER  
No. 92072  
C. J. RAY  
STATE OF FLORIDA

NPA PROJECT	04-3490002
DATE	NOVEMBER 2023
SCALE	AS SHOWN
DESIGNED BY	EAS
DRAWN BY	MDV
CHECKED BY	EAS

## CONSTRUCTION DETAILS

WAWA RANSLEY STATION  
PREPARED FOR CAH DEVELOPMENTS, LLC  
ESCAMBIA COUNTY FLORIDA

SHEET NUMBER  
**C503**

**WAWA, INC.**  
**TYPICAL FLORIDA PUMP STATION DETAIL (Page 2 of 2)**  
**WAWA PREFERRED PRE-FABRICATED PUMP STATION VENDOR:**

**RILEY & Company, Inc.**  
 Sanford, FL 32773 (Ph. 407-265-9963)

**DUPLEX CONTROL PANEL: (3 YEAR WARRANTY)**

To insure complete unit and warranty responsibility the electrical control panel must be manufactured and built by the pump supplier. The pump supplier must be a TUV (UL508A CERTIFIED) manufacturing facility, with a minimum of 5 years history in the manufacturing of electrical control panels. The enclosure shall be NEMA 4X, minimum 30" high x 30" wide x 10" deep fiberglass with 5 point latching system. The enclosure shall have external mounting feet to allow for wall mounting. The following components shall be mounted through the enclosure:  
 1- ea. Red Alarm Beacon (Light) 4" x 4" Minimum Diameter  
 1- ea. Alarm Horn (minimum 95 DCB)  
 1- ea. Generator Receptacle w/ weatherproof cover(SCM460 -UL 1686)  
 1- ea. Alarm Silence Pushbutton

The back panel shall be fabricated from .125, 5052-H32 marine alloy aluminum. All components shall be mounted by machined stainless steel screws.

The following components shall be mounted to back panel:  
 1- ea. RILEY & COMPANY GUARD PRO RTU MONITORING SYSTEM  
 2- ea. Motor Contactors  
 1- ea. Phase Monitor (3 Ph) w/2 N/O & 1 N/C Contacts  
 1- ea. Silence Relay Module  
 1- ea. Duplex Alternator w/ Pump Selector Switch  
 1- ea. Model RCB5AH Battery Back-Up w/ Smart Charger For The High Level Alarm System  
 20- ea. Terminals For Field Connections  
 6- ea. Terminals For Motor Connections (Single Phase Only)  
 7- ea. Grounding Lugs  
 1- ea. Seal Failure Relay

The inner door shall be fabricated from .080, 5052-H32 marine alloy aluminum. The inner door shall have a continuous aluminum piano hinge.

The following components shall be mounted through the inner door:  
 1- ea. Main Circuit Breaker  
 1- ea. Emergency Circuit Breaker  
 1- ea. Mechanical Interlock For Emergency And Main Breakers (UL Listed)  
 2- ea. Short Circuit Protector w/ Auxiliary Contacts  
 1- ea. Control Circuit Breaker  
 2- ea. Seal Failure Indicator Lights  
 1- ea. Hand-Off-Auto Selector Switches  
 2- ea. Pump Run Pilot Lights  
 1- ea. Power On Pilot Light  
 2- ea. Elapse Time Meters (Non-Resetable)  
 1- ea. GFI Duplex Convenience Outlet

**REMOTE ALARM PANEL: (3 YEAR WARRANTY)**

Audio And Visual Alarm Panel w/ Alarm Silence Button  
 FRP Enclosure (6" x 4" x 4" Deep)

**MISCELLANEOUS:** All wiring on this back panel shall be contained within the wiring duct. All wiring between the inner door and the back panel shall be contained with in a plastic spiral wrap. Each wire shall have a wire number at each end to correspond to the as built drawing for field troubleshooting. The control panel must be manufactured in-house by lift station supplier and be a TUV (UL508A Certified) facility.

**FASTENERS & APPURTANCES:** All fasteners, lifting chains, float cable bracket, hinges, and appurtenances shall be made of AISI 316SS. A 316SS slide/latch assembly shall be provided for holding the doors open on the wetwell and valve box. Slide rails shall be made of SCH.40 AISI 304SS pipe. Pump lifting chains shall be made of AISI 316SS. Pump lifting bales shall be made of AISI 316SS.

**COMPONENT SPECIFICATIONS:**

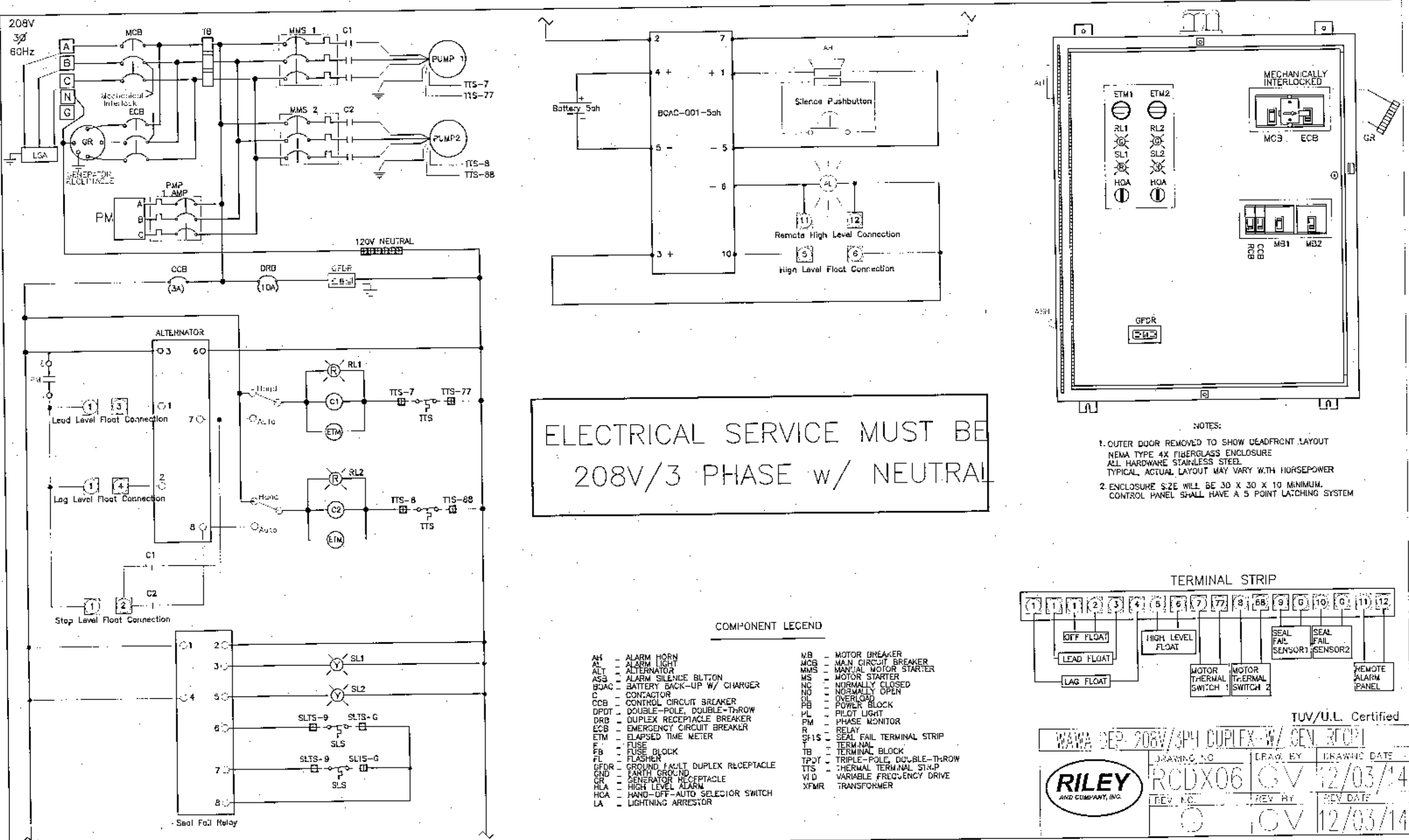
All circuit breakers shall be molded thermal magnetic. The mechanical interlock shall prevent the normal and emergency main breakers being energized at the same time. An emergency generator receptacle shall be supplied in accordance with DEP standards. The generator receptacle shall be adequately sized to meet the equipment operating conditions and shall meet IEC60309-1 & IEC6039-2 for interchange ability and compatibility.

**NEUTRAL TO BE SUPPLIED FOR 208V 3PHASE**

All motor short circuit protection devices must provide for under voltage release and class 10 overload protection and thermal protection on all phases. Visible trip indication, test, and reset capability must be provided without opening inner door. Open frame, across the line, contactors shall be rated per IEC standards and properly sized per the motor requirements. Contactors shall provide for safe touch power and control terminals. Lightning Arrester shall meet UL1449 3rd Edition or exceed the requirements of ANSI/IEEE Std. C62.21-1984 section 8.6.1, and 8.7.3 shall be supplied by electrician and mounted on the bottom side of the switch disconnect ahead of the pump control panel. Surge Protection shall be provided within the control panel and will meet the UL1449 3rd Edition Type 4, Type 2 locations and UL60691 for visual fault & indicator , replaceable Modules and remote signalization. A voltage monitor shall be supplied for single phase service. A phase monitor shall be supplied for (3) phase service. A green pilot light shall be supplied for each motor. The pilot light shall illuminate each time the motor is called to run. Each pump shall have an Elapse Time Meter to record the accumulated run time. The ETM shall be 2" diameter, non-resettable, six digit, totally encapsulated unit. A Red pilot light shall be supplied for control power. The pilot light shall illuminate when the control power is available inside the control panel. Relays shall be ice-cube plug in type. Relay contacts shall be rated 10 amp minimum, DPDT. Twenty (20) terminals shall be supplied for field connections. The terminals shall be rated 25 amps minimum. Each motors over-temperature contact shall be connected to the terminal strip and shall open a contact to de-energize the appropriate motor upon a high temperature within the motor. A 15 Amp GFI duplex receptacle shall be supplied and mounted on the innerdoor. Ground lugs shall be supplied and appropriately sized for each motor and for service entrance.

**BATTERY BACK-UP FOR AUDIO AND VISUAL ALARMS, & RILEY & COMPANY GUARD PRO III RTU MONITORING SYSTEM**

RILEY & COMPANY GUARD PRO III: Offers a remote control and maintenance solution which allows you to create a decentralised system or monitor and control devices. Changes to the eight (8) digital (24V DC) analogue (0-10V) inputs can be notified via SMS text message, e-mail or both. The digital outputs can be controlled via SMS text message. The built-in maintenance free supercap capacitor enables the GUARD PRO III to inform the recipient via SMS text message in the event of a power failure.

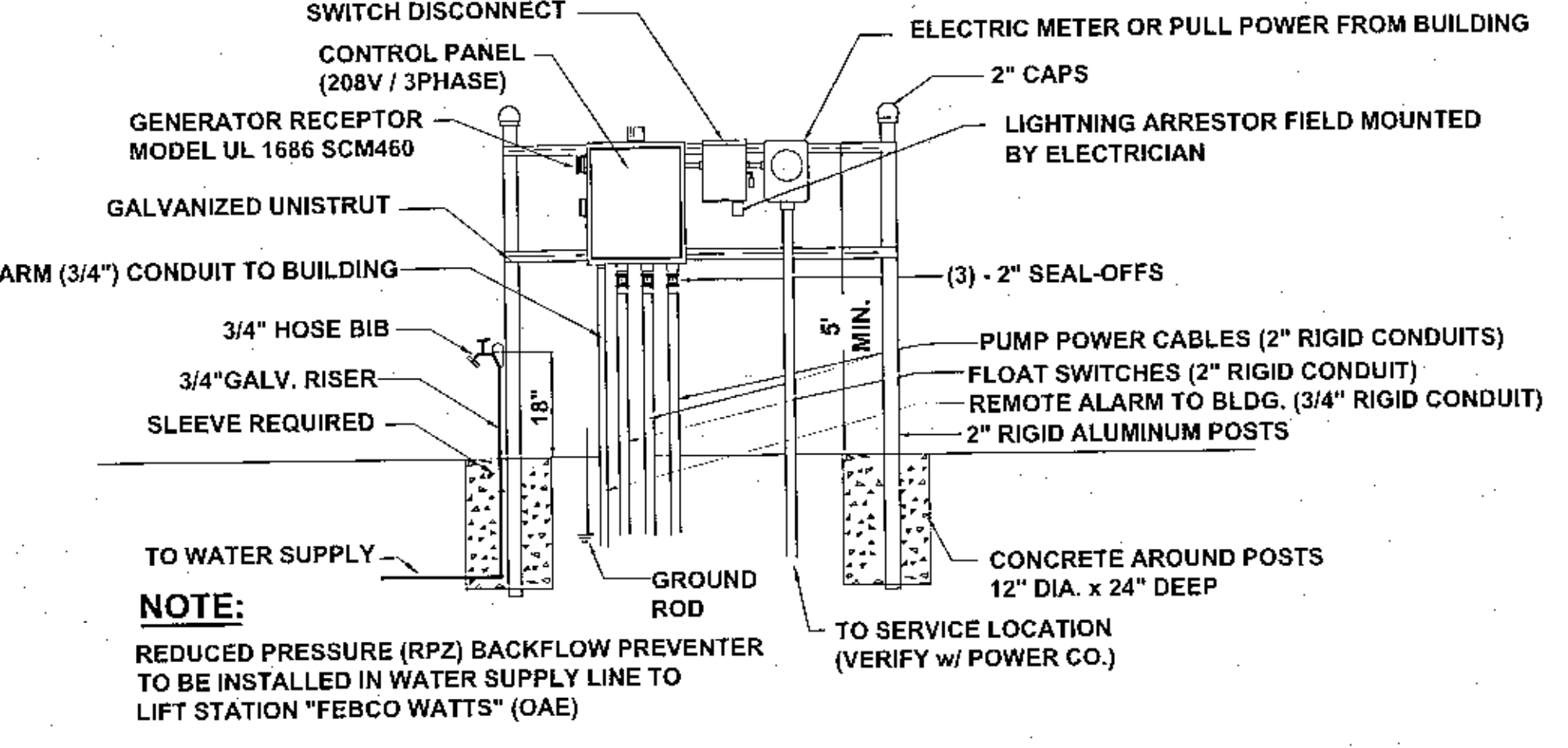


**ELECTRICAL SERVICE MUST BE 208V/3 PHASE w/ NEUTRAL**

**WAWA LIFT STATION REQUIREMENTS:**

- 2ND REMOTE ALARM TO BE CONNECTED TO MANAGER'S OFFICE. CONTRACTOR SHALL COORDINATE WITH WAWA MAINTENANCE GROUP FOR CONNECTION DETAILS.
- VFD'S SHALL BE USED TO CONVERT SINGLE PHASE INCOMING POWER TO THREE PHASE TO POWER PUMPS. START/RUN CAPACITORS WILL NOT BE USED TO START PUMPS.
- FORCE MAIN PIPE SIZE SHALL BE A MINIMUM OF 2-INCH. PIPE MATERIAL SHALL BE AS PER THE LOCAL JURISDICTION.
- ELECTRICIAN NOTE: 3/4" CONDUIT FROM CONTROL PANEL TO MANAGER'S OFFICE INSIDE BUILDING

- \* ELECTRICIAN NOTES:**
- DRAWING NOT TO SCALE
  - ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES
  - ELECTRICIAN SHALL SEAL OFF CONDUIT RUNS
  - ELECTRICIAN TO MOUNT LIGHTNING ARRESTOR AT SWITCH DISCONNECT
  - CONTRACTOR SHALL VERIFY POWER SOURCE PRIOR TO ORDERING EQUIPMENT
  - NEUTRAL TO BE SUPPLIED FOR 208V-3 PHASE POWER.
  - ELECTRICIAN MUST RUN WIRING AND CONDUIT FROM LIFT STATION CONTROL PANEL TO REMOTE AUDIO & VISUAL ALARM PANEL INSIDE BUILDING.



**ELECTRICAL RISER FOR ILLUSTRATION PURPOSES ONLY**

NO.	REVISIONS	DATE

**Kimley»Horn**  
 11300 NW 30th Street, Suite 200  
 Fort Lauderdale, FL 33322  
 TEL: 954-350-1000 FAX: 954-350-1001  
 WWW.KIMLEY-HORN.COM

**Professional Engineer**  
 No. 28072  
 STATE OF FLORIDA  
 EXPIRES 12/31/2023

KHA PROJECT	04340002
DATE	NOVEMBER 2023
SCALE	AS SHOWN
DESIGNED BY	EAS
DRAWN BY	MDW
CHECKED BY	EAS

**WAWA RANSLEY STATION**  
 PREPARED FOR  
**CAH DEVELOPMENTS, LLC**  
 FLORIDA  
 ESCAMBIA COUNTY

SHEET NUMBER  
**C504**

**Kimley-Horn**  
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
120 RICHARD JACKSON BOULEVARD SUITE 230  
PALM BEACH, FL 33407 PHONE: 561-855-3500  
WWW.KIMLEY-HORN.COM

NO. \_\_\_\_\_  
DATE: \_\_\_\_\_  
SCALE: AS SHOWN  
DESIGNED BY: EAS  
DRAWN BY: MDW  
CHECKED BY: EAS

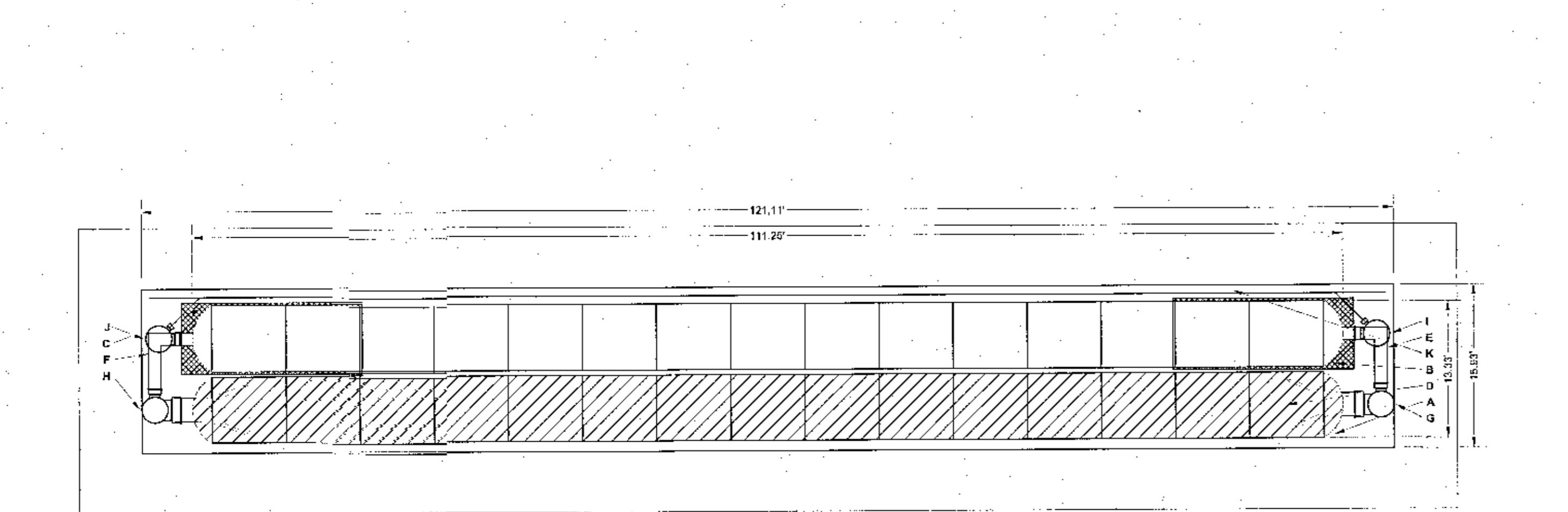
WAWA RANSLEY  
STATION  
PREPARED FOR  
CAH DEVELOPMENTS, LLC

CONSTRUCTION  
DETAILS

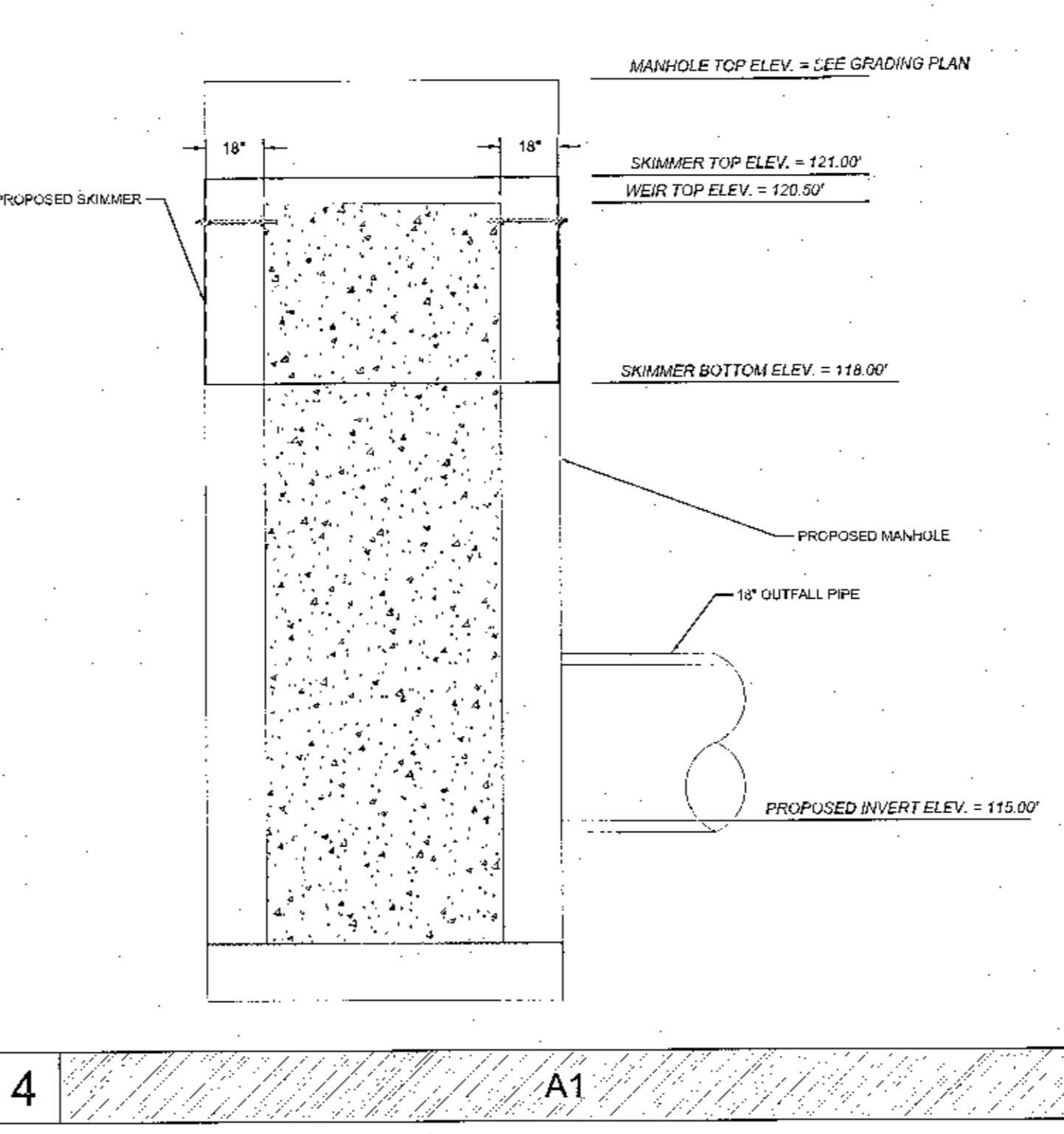
WAWA RANSLEY  
STATION  
PREPARED FOR  
CAH DEVELOPMENTS, LLC

SHEET NUMBER  
**C506**

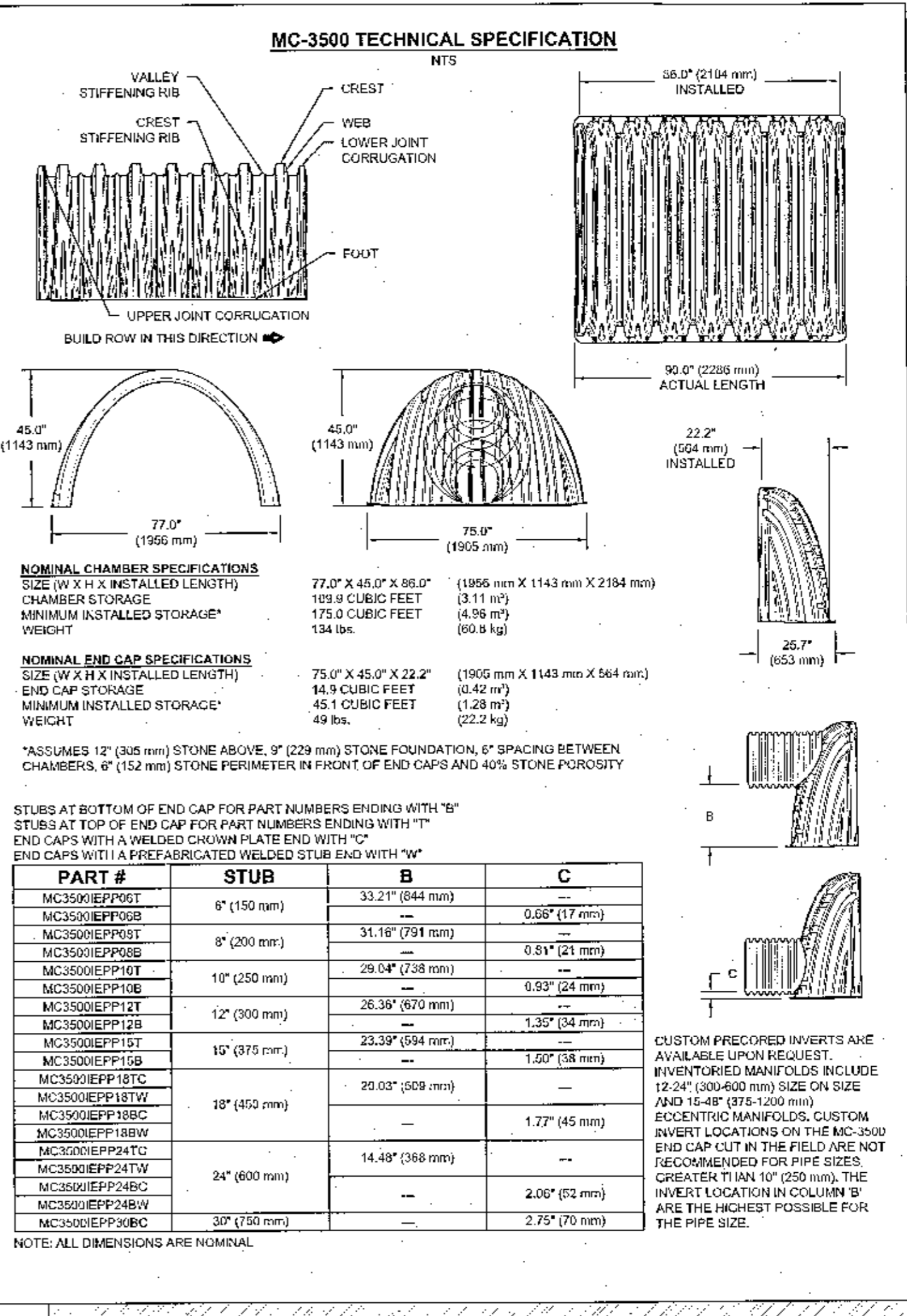
PROPOSED LAYOUT	CONCEPTUAL ELEVATIONS:	PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT	MAX FLOW
30	STORMTECH MC-3500 CHAMBERS	MINIMUM ALLOWABLE GRADE TYPE OF PAVEMENT (UNPAVED)	12.50			
31	STORMTECH MC-3500 END CAPS	MINIMUM ALLOWABLE GRADE UNPAVED WITH TRAFFIC	6.00			
12	STONE ABOVE (A)	MINIMUM ALLOWABLE GRADE UNPAVED NO TRAFFIC	6.00			
9	STONE BELOW (B)	MINIMUM ALLOWABLE GRADE TYPE OF RIGID CONCRETE PAVEMENT	6.50			
40	STONE VOID	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)	6.50			
6200	INSTALLED SYSTEM VOLUME (CF) PERMETER STONE INCLUDED (COVER STONE INCLUDED)	TOP OF STONE	2.50			
1930	SYSTEM AREA (SF)	TOP OF MC-3500 CHAMBER	2.50			
274.1	SYSTEM PERIMETER (ft)	12" x 12" TOP MANHOLE INVERT	2.50			
499	PERFORATED LINER (SF) (20% OVERAGE)	12" x 12" TOP MANHOLE INVERT	2.50			
		24" ISOLATOR ROW PLUS INVERT	0.88			2.5 CFS IN
		12" BOTTOM CONNECTION INVERT	0.88			2.5 CFS IN
		12" BOTTOM CONNECTION INVERT	0.88			2.0 CFS OUT
		UNDERDRAIN INVERT	0.00			2.0 CFS OUT
		BOTTOM OF STONE	0.00			



**NOTES:**  
MANHOLE SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE 46.32 FOR MANHOLE SIZING GUIDANCE.  
DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANHOLE COMPONENTS IN THE FIELD.  
THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST COVERING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.  
THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSTALLED SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.  
ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS FOR CISTERNS (RAINWATER HARVESTING). TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.  
**NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVIDE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

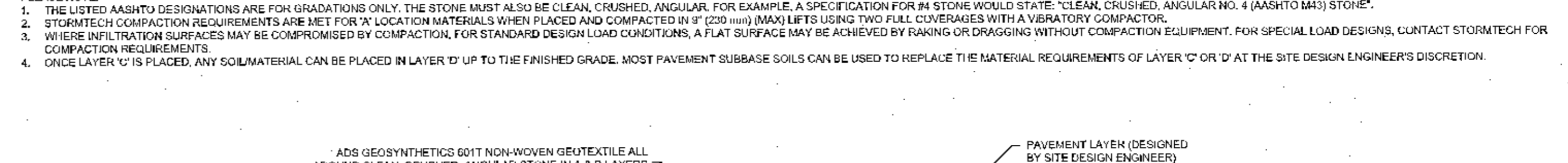


PART #	STUB	B	C
MC3500EPP06B	6" (150 mm)	33.21" (844 mm)	---
MC3500EPP06B	6" (150 mm)	---	0.68" (17 mm)
MC3500EPP08B	8" (200 mm)	31.18" (791 mm)	0.81" (21 mm)
MC3500EPP10B	10" (250 mm)	29.04" (738 mm)	0.93" (24 mm)
MC3500EPP12B	12" (300 mm)	26.38" (670 mm)	1.32" (34 mm)
MC3500EPP15B	15" (375 mm)	23.39" (594 mm)	1.50" (38 mm)
MC3500EPP18TW	18" (450 mm)	20.03" (509 mm)	---
MC3500EPP18BC	18" (450 mm)	---	1.77" (45 mm)
MC3500EPP24TW	24" (600 mm)	14.48" (368 mm)	---
MC3500EPP24BC	24" (600 mm)	---	2.06" (52 mm)
MC3500EPP30BC	30" (750 mm)	---	2.75" (70 mm)

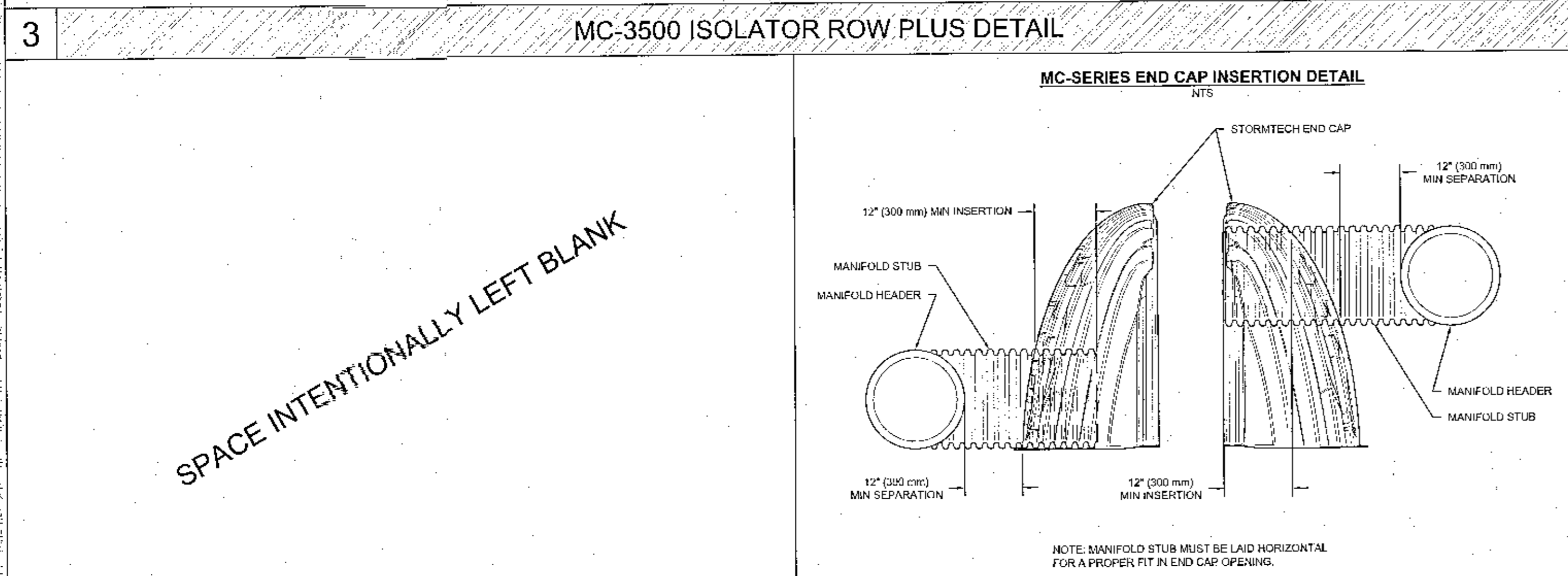


**ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS**

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRENGTH MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (B) LAYER TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THE 'C' LAYER.	AASHTO M145 <sup>1</sup> A-1, A-2.4, A-3 OR AASHTO M43 <sup>2</sup> 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL-GRADED MATERIAL AND 90% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A) LAYER ABOVE.	AASHTO M43 <sup>3</sup> 3, 4	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 <sup>3</sup> 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>



**NOTES:**  
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x78 DESIGNATION SS.  
2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".  
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.  
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.  
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:  
• TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.  
• TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1".  
• TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, A) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS-FT/L. THE ASD IS DEFINED IN SECTION 6.2.8 OF ASTM F2418, AND B) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



**SPACE INTENTIONALLY LEFT BLANK**

BOESCH LANE  
(50' PUBLIC RIGHT-OF-WAY)

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

RANSLEY STATION DEVELOPMENT, LLC  
PARCEL ID: 111S314102002002  
ZONING: HC/LI  
FLU: MU-U  
S8712'17"E 335.00' (P&F)

RANSLEY STATION DEVELOPMENT, LLC  
PARCEL ID: 111S314102003002  
ZONING: HC/LI  
FLU: MU-U

RANSLEY STATION BLVD.  
(100' PUBLIC RIGHT-OF-WAY)

ISLAND PRIVATE  
PARCEL "B"

PINE FOREST ROAD (RIGHT-OF-WAY WIDTH VARIES)  
STATE ROAD 297

LANDSCAPE MATERIALS

TREES	KEY	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	LIN	1	Lagerstroemia Indica 'Natchez'	Crape Myrtle (white)	B/B, min. 10" ht., 3'-4" spr., 3" cal., std.
	QV	8	Quercus virginiana 'Highrise'	Live Oak	B/B, Min. 10" ht. x 3'-4" sprd. @ 3" cal.,

SHRUB AREAS	KEY	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	LC	98	Loropetalum chinense 'Ruby'	Ruby Loropetalum	Min. 3 gal., 12" ht. @ 30" o.c.

GROUND COVERS	KEY	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	DTV	85	Dianella tasmanica 'Variegata'	Variegated Flax Lily	Min. 1 gal. @ 24" o.c.
	JCP	57	Juniperus chinensis 'Parsonii'	Parsonii Juniper	Min. 3 gal. @ 30" o.c.
	LME	106	Liriope muscari 'Emerald Goddess'	Emerald Goddess Liriope	Min. 1 gal. @ 24" o.c.

MULCH	KEY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	MULCH	'Coco Brown' Florimulch	Coco Brown Hardwood mulch	Cu. Yd., Min. 3" thick

SOD/SEED	KEY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	SOD1	Stenotaphrum secundatum 'Floratan'	St. Augustine 'Floratan'	Sq. ft., 95% weed free roll all sod following installation
	SOD2	Paspalum notatum	Bahia sod	Sq. ft., 95% weed free roll all sod following installation

Note: The below material specifications are the minimum LDC requirements. Based on current market availability the contractor shall price and install larger container sizes as needed to meet this criteria at installation. Quantities on plan take precedence over materials list, quantities on materials list are provided as a courtesy only.

LANDSCAPE REQUIREMENTS  
Per Escambia County Code of Ordinances (Article 2)

Min. Landscape Areas Requirement

No parcel shall provide less than 15% landscape area  
87,015 15% = 1,352 required

Vehicular Use Areas Requirement

VUA shall be separated from the parcel boundary by a landscape strips no less than 5' wide.

At least (1) planted or preserved canopy tree for each terminal landscape island.

(9) trees provided

Buffers Requirement

Heavy commercial/ Light industrial - no buffer required.

Plant selection Requirement

Limit non-native trees to 25% of total required trees

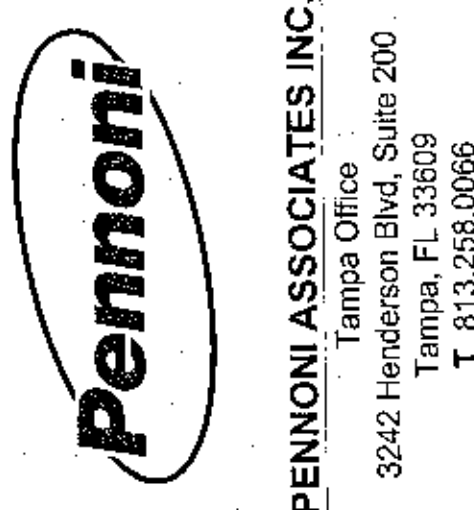
Number of new trees planted on site	Max. % of any one species planted
5-9	67%
20-49	40%
50 or more	30%

ADDITIONAL NOTES:

All areas of new planting shall be mulched with grade grade 'a' pine bark mulch or approved equivalent as mandated by the Escambia County

Areas not planted with trees, shrubs, or groundcovers shall be sodded with bahia sod.

Contractor shall install new irrigation system to provide 100% coverage to all landscape areas.



PENNONI ASSOCIATES INC.  
Tampa Office  
3242 Henderson Blvd., Suite 200  
Tampa, FL 33609  
T 813.253.0066

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

JASON E. RINARD, P.L.A.  
FL REG NO 0001608  
LANDSCAPE ARCHITECT

Digitally signed by Jason E. Rinard  
Location: Tampa, FL  
Contact info: jrinard@pennoni.com  
Date: 2023.10.27 13:23:21-0400

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JASON E. RINARD, P.L.A. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Wawa - Ransley Station  
Ransley Station Blvd. and Pine Forest Road (SR 297)  
Escambia County, FL

LANDSCAPE PLAN

Kimley-Horn  
445 24th St., Suite 200,  
Vero Beach, FL 32960

NO.	DATE	BY

PROJECT: KMLYH23018  
DATE: 2023-10-27  
DRAWING SCALE: 1"=20'  
DRAWN BY: KC  
APPROVED BY: JER

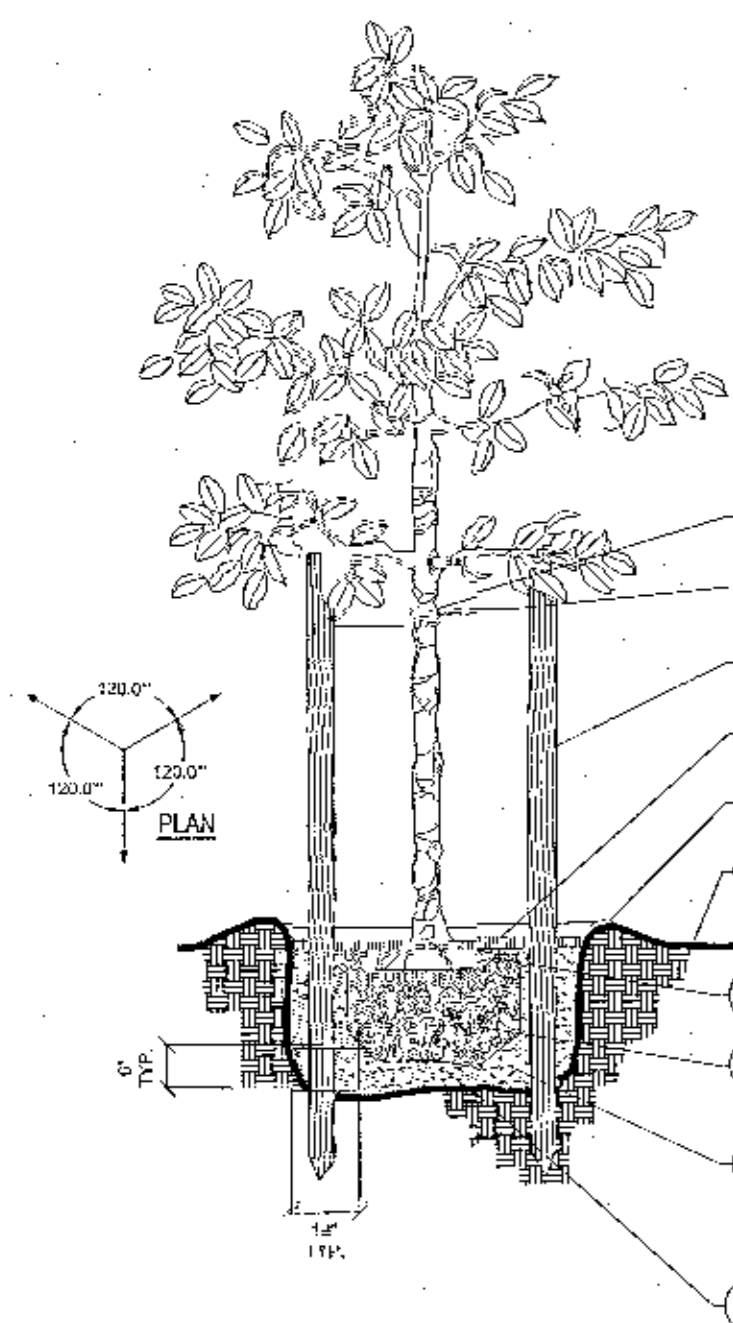
Always call 811 two full business days before you dig to have underground utilities located and marked.

**Sunshine 811.com**

SHEET **L1.1**

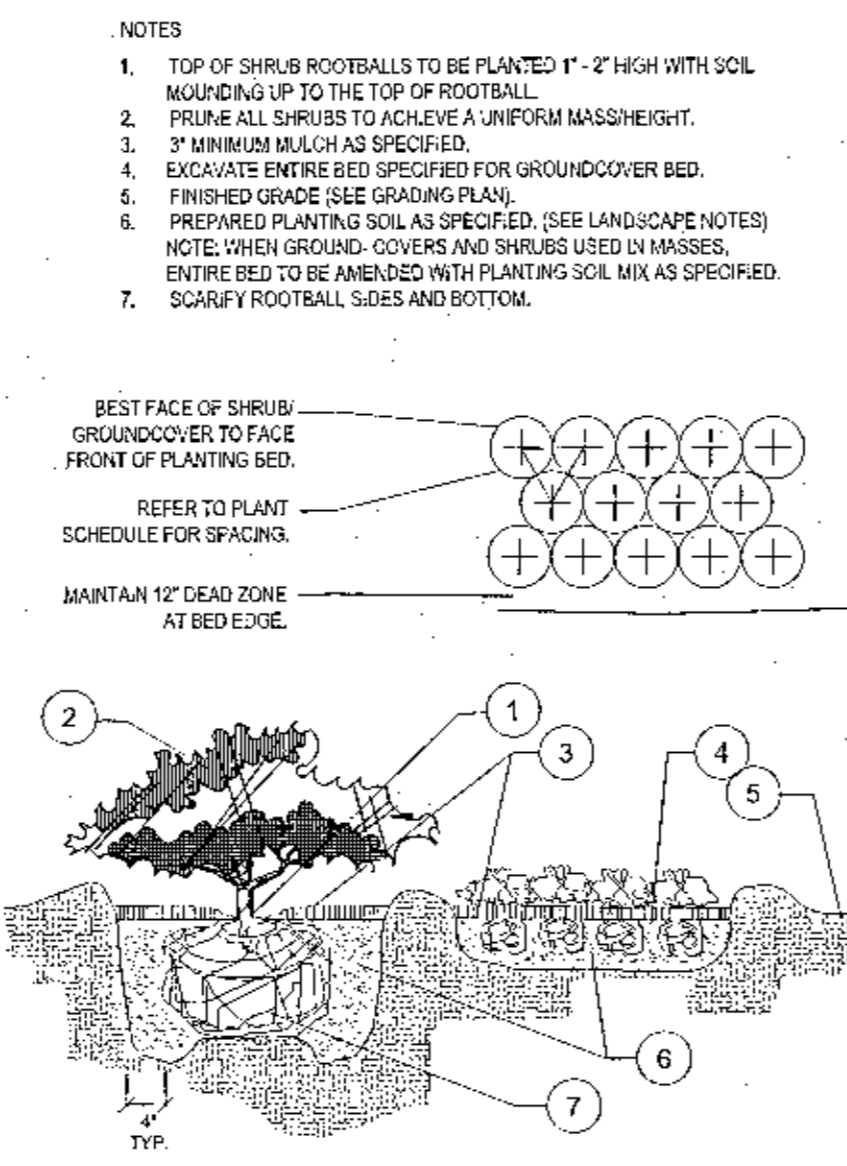


SCALE: 1"=20'



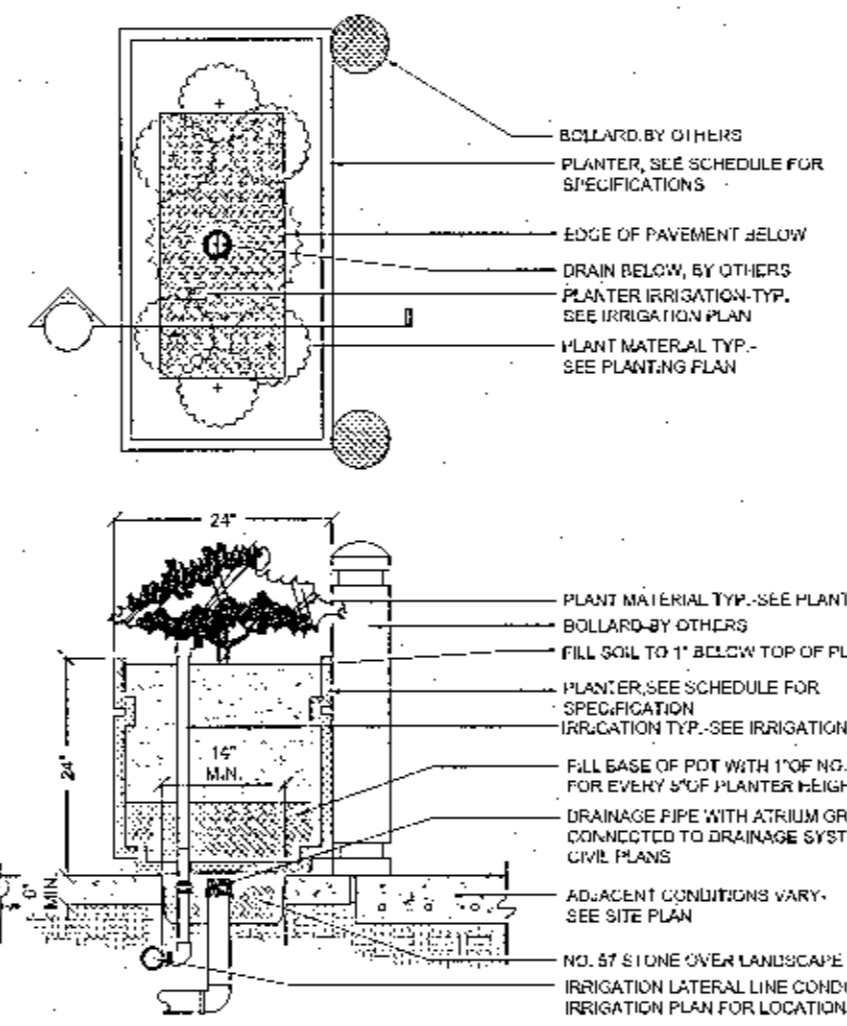
1 TREE PLANTING DETAIL  
SCALE: NTS

1. PROTECT TREE TRUNK WITH BLACK RUBBER HOSE.
  2. #10 GAUGE WIRE (NOTE FOR MULTI-TRUNK TREES, GO TO STRONGEST TRUNK AT CENTER).
  3. THREE 2" X 8" LUGGE POLES SPACES EVENLY AROUND TREE.
  4. 3" MINIMUM OF CYPRESS MULCH COMPACTED OR AS SPECIFIED.
  5. SOIL BERM TO HOLD WATER.
  6. FINISHED GRADE (SEE GRADING PLAN).
  7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
  8. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOTBALL REQUIREMENTS).
  9. PREPARED PLANTING SOIL AS SPECIFIED.
  10. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EXIST.
- NOTES:  
A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSULATION.  
B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.  
C. "TREE SAVER" ANCHORING SYSTEM MAY BE SUBSTITUTED FOR WOOD STAKING SYSTEM UPON APPROVAL BY OWNER OR LANDSCAPE ARCHITECT.

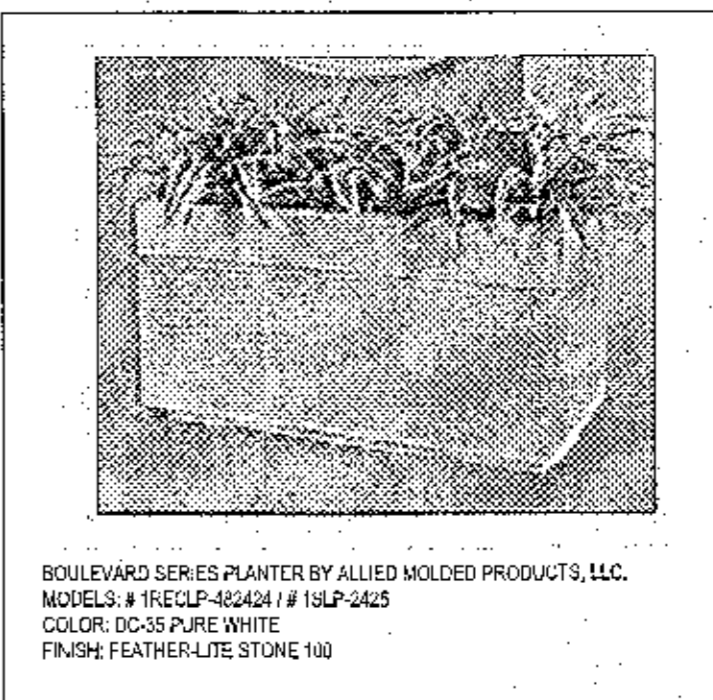


2 SHRUB/GROUNDCOVER PLANTING  
SCALE: NTS

- NOTES
1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
  2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS HEIGHT.
  3. 3" MINIMUM MULCH AS SPECIFIED.
  4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUND COVER BED.
  5. FINISHED GRADE (SEE GRADING PLAN).
  6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
  7. SCARIFY ROOTBALL SIDES AND BOTTOM.



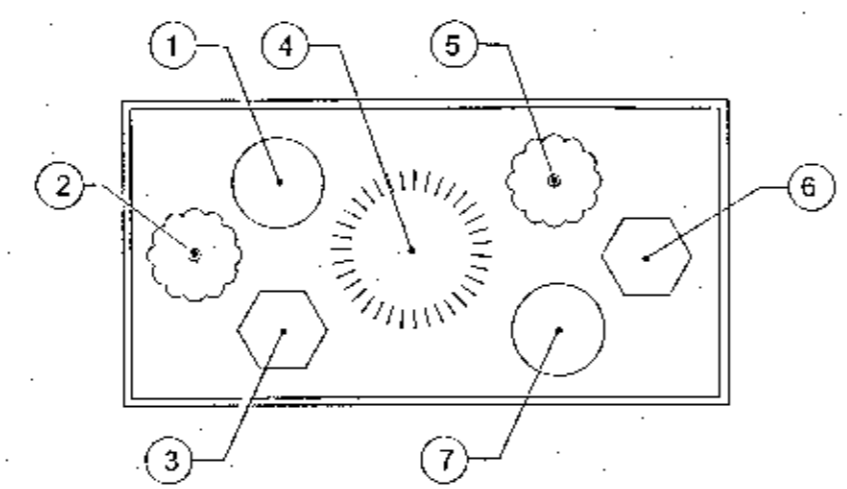
3 TYPICAL RAISED PLANTER DETAIL  
SCALE: NTS



BOULEVARD SERIES PLANTER BY ALLIED MOLDED PRODUCTS, LLC.  
MODELS: # TRCPL-46404 / # 1SLP-2425  
COLOR: DC-35 PURE WHITE  
FINISH: FEATHER-LITE STONE 100

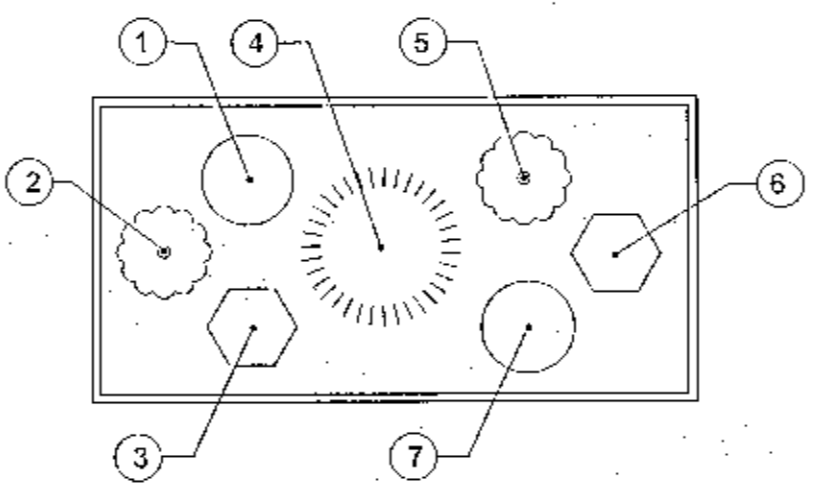
**GENERAL LANDSCAPE NOTES:**

1. All plant materials shall be alive and in a healthy condition. Plant materials shall conform to the standards of the most recent edition of the "American Standard for Nursery Stock," published by the American Association of Nurserymen.
2. All shrubs shall be a minimum of 12" high at the time of planting and spaced no greater than 30" on center. Shrubs shall not adversely impact existing tree root systems and shall be field adjusted if necessary.
3. All required native deciduous trees shall be a minimum 3" trunk caliper and all large evergreen trees shall be minimum 5' height, at the time of planting. Adjust tree locations as necessary to avoid utilities, obstructions, etc. see materials list for exact specifications.
4. All required trees shall be located a minimum of 5 feet from impervious surfaces, all shrubs 2 feet.
5. All plant material will be hand watered via water truck or acceptable means (approved by the owner) to maintain a healthy manner.
6. The contractor shall sod all disturbed areas. All planting shall be mulched to a 3" minimum depth.
7. The contractor shall be responsible for the clean up of premises and removal of all discarded and surplus materials, and rubbish.
8. Verify the locations of existing trees, lawns, and shrubs. Remove extraneous materials such as rocks, branches, building materials or unacceptable soils prior to planting sod, trees, and shrubs, where encountered.
9. Contractor shall become acquainted with the related paving, site grading, and all utilities (including water, sewer, and electrical supply) to preclude any misunderstandings and ensure a trouble free installation.
10. The exact location of all existing structures, underground utilities, and pipes may not be as indicated on drawings; the contractor shall determine the location of these items and shall conduct his work in a manner to prevent interruption or damage to existing systems which must remain operational. The contractor shall protect existing structures and utility services which must remain operational and shall be responsible for their replacement if damaged by him.
11. Contractor shall call Florida State One-Call at least 48 hours prior to digging.
12. Quantities on plan take precedence over materials list. Quantities on materials list are provided as a courtesy only.
13. All landscape material shall be maintained in perpetuity to provided all required local site clearance distances for vehicles.



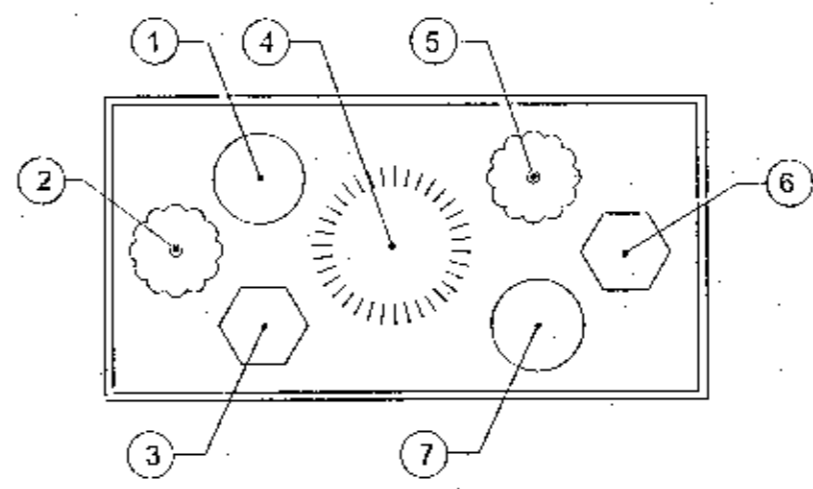
PLANTER LAYOUT "A"

- |                               |                               |
|-------------------------------|-------------------------------|
| WARM SEASON                   | COOL SEASON                   |
| 1. YELLOW TALL MARIGOLD       | 1. ORANGE TALL SNAPDRAGON     |
| 2. PINK PORTULACA             | 2. YELLOW PANSY               |
| 3. ORANGE ZINNA               | 3. WHITE ALYSSUM              |
| 4. DWARF WHITE FOUNTAIN GRASS | 4. DWARF WHITE FOUNTAIN GRASS |
| 5. PINK PENTAS                | 5. YELLOW CALENDULA           |
| 6. ORANGE PLUME CELOSIA       | 6. RED PETUNIA                |
| 7. YELLOW DAHLBERG DARY       | 7. PINK PANSY                 |



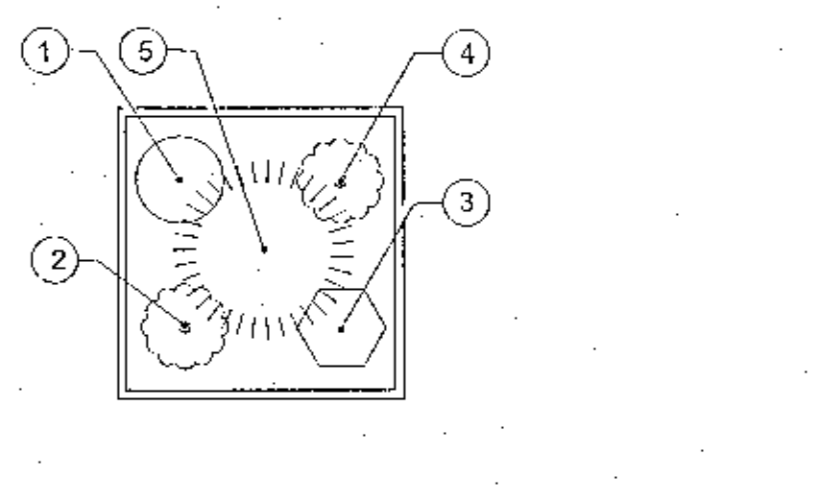
PLANTER LAYOUT "B"

- |                               |                               |
|-------------------------------|-------------------------------|
| WARM SEASON                   | COOL SEASON                   |
| 1. BLACK-EYED SUSAN           | 1. PINK TALL SNAPDRAGON       |
| 2. PINK BEGONIA               | 2. YELLOW CALENDULA           |
| 3. RED SALVIA                 | 3. RED PANSY                  |
| 4. DWARF WHITE FOUNTAIN GRASS | 4. DWARF WHITE FOUNTAIN GRASS |
| 5. WHITE PENTAS               | 5. YELLOW PANSY               |
| 6. ORANGE PLUME CELOSIA       | 6. PINK PETUNIA               |
| 7. PINK BEGONIA               | 7. SHASTA DAISY               |



PLANTER LAYOUT "C"

- |                               |                               |
|-------------------------------|-------------------------------|
| WARM SEASON                   | COOL SEASON                   |
| 1. TALL PINK ZINNA            | 1. YELLOW TALL SNAPDRAGON     |
| 2. ORANGE PLUME CELOSIA       | 2. WHITE CANDY TUFT           |
| 3. YELLOW DAHLBERG DAISY      | 3. PINK ALYSSUM               |
| 4. DWARF WHITE FOUNTAIN GRASS | 4. DWARF WHITE FOUNTAIN GRASS |
| 5. RED PENTAS                 | 5. YELLOW PANSY               |
| 6. PINK PORTULACA             | 6. WHITE PETUNIA              |
| 7. WHITE BEGONIA              | 7. PINK DIANTHUS              |



PLANTER LAYOUT "D"

- |                               |                               |
|-------------------------------|-------------------------------|
| WARM SEASON                   | COOL SEASON                   |
| 1. YELLOW TALL MARIGOLD       | 1. PINK TALL SNAPDRAGON       |
| 2. PINK PORTULACA             | 2. YELLOW CALENDULA           |
| 3. ORANGE ZINNA               | 3. RED PANSY                  |
| 4. PINK PENTAS                | 4. YELLOW PANSY               |
| 5. DWARF WHITE FOUNTAIN GRASS | 5. DWARF WHITE FOUNTAIN GRASS |

4 RAISED PLANTER PLANTING LAYOUT  
SCALE: NTS

NOTE: CONTRACTOR TO VERIFY SEASONAL AVAILABILITY AT THE TIME OF INSTALLATION.

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

JASON E. RINARD, P.L.A.  
FL REG NO 0001506  
LANDSCAPE ARCHITECT

Digitally signed by Jason Rinard  
Location: Tampa, FL  
Contact Info: jrinard@pennoni.com  
Date: 2023.10.27 13:23:33 -0400

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JASON E. RINARD, P.L.A. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Wawa - Ransley Station  
Ransley Station Blvd. and Pine Forest Road (SR 287)  
Escambia County, FL

LANDSCAPE DETAILS  
Kimley-Horn  
445 24th St, Suite 200,  
Vero Beach, FL 32960

NO.	DATE	REVISIONS	BY

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PROJECT: KMLYH23018  
DATE: 2023-10-27  
DRAWING SCALE: 1"=20'  
DRAWN BY: KC  
APPROVED BY: JER



