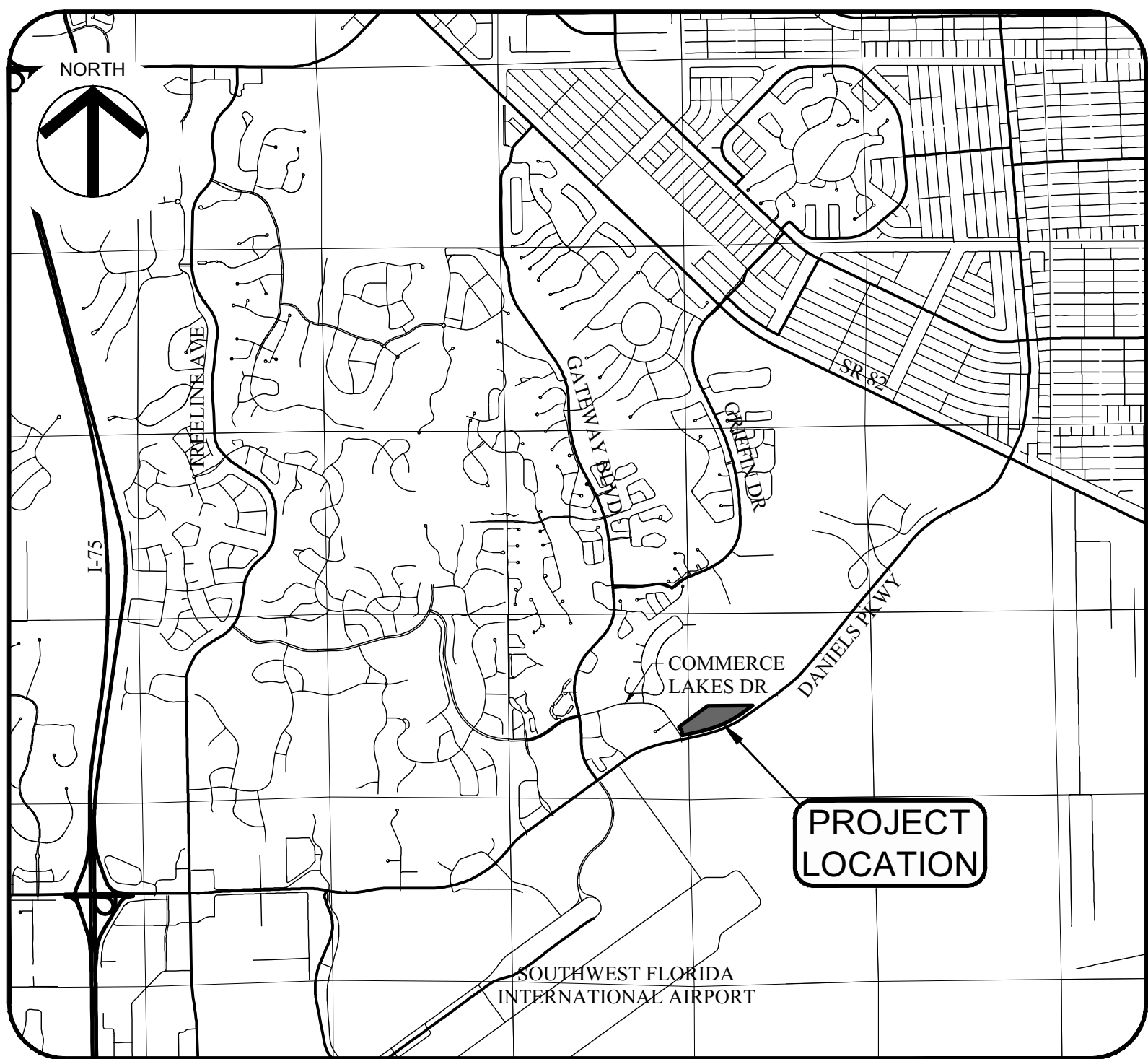


ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY

PART OF SECTIONS 17 & 18, TOWNSHIP 45 SOUTH, RANGE 26 EAST
LEE COUNTY, FLORIDA

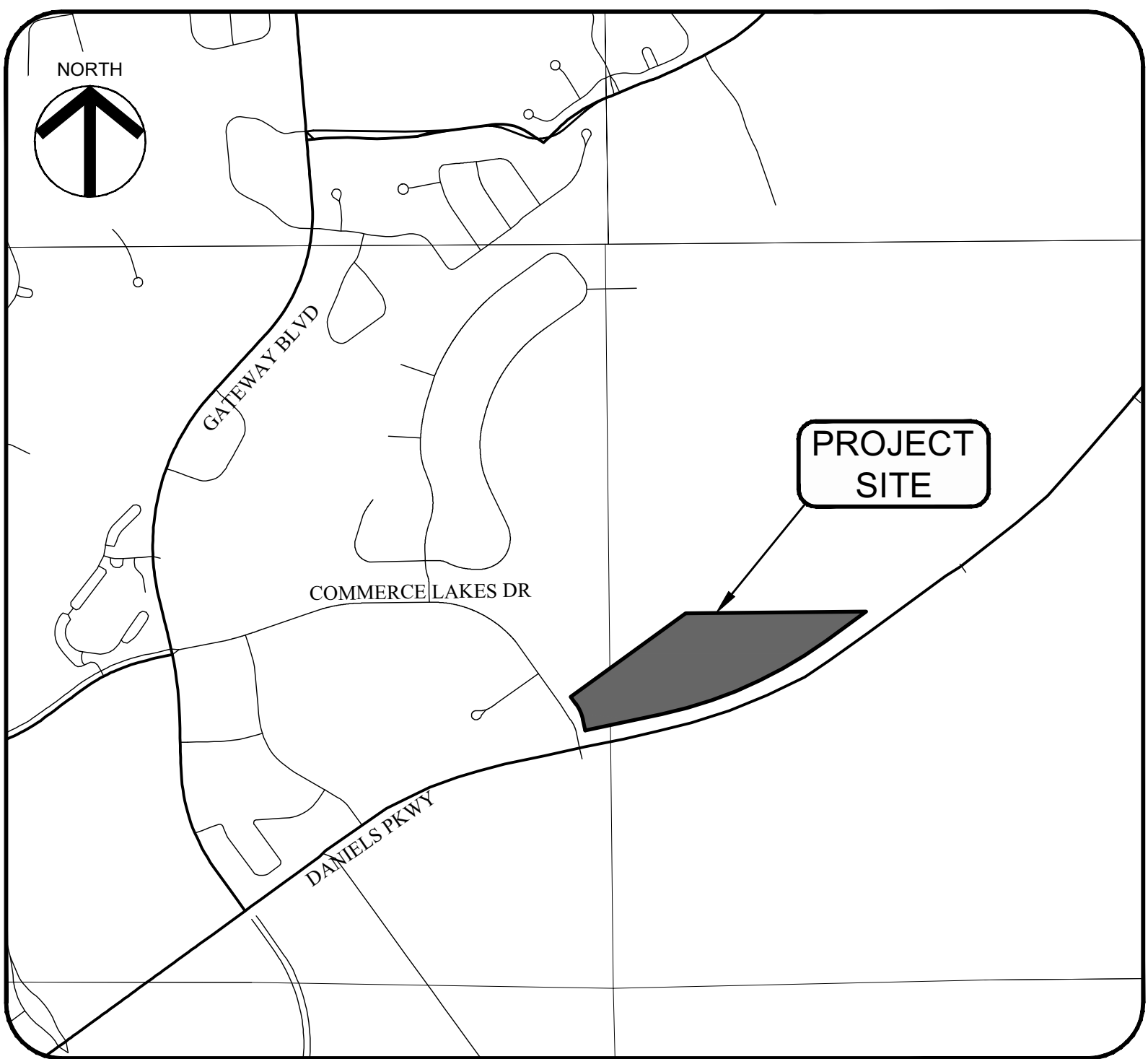


PROJECT LOCATION MAP
NO SCALE

SHEET INDEX	
	DESCRIPTION
1	COVER SHEET
2	AERIAL MAP & EXISTING CONDITIONS PLAN
3	MASTER DRAINAGE PLAN
4	PAVING, GRADING AND DRAINAGE PLAN (A)
5	PAVING, GRADING AND DRAINAGE PLAN (B)
6	CROSS SECTIONS
7	DRAINAGE DETAILS
8	PAVING DETAILS
9	STORMWATER POLLUTION PREVENTION PLAN AND EROSION CONTROL DETAILS

PROPERTY INFORMATION	
FOLIO #	10581099
STRAP #	19-45-26-00-00002.0000

PROPERTY DESCRIPTION	
PARCEL B	
A PARCEL OF LAND IN SECTIONS 17 AND 18, TOWNSHIP 45 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA, BEING A PORTION OF "PARCEL 35" AS DESCRIBED IN OFFICIAL RECORDS BOOK 1399, PAGE 1901, OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA, AND BEING DESCRIBED AS FOLLOWS:	
FOR A POINT OF REFERENCE COMMENCE AT THE SOUTH 1/4 CORNER OF SECTION 17, TOWNSHIP 45 SOUTH, RANGE 26 EAST, LEE COUNTY, FLORIDA; THENCE RUN N 01° 00' 01" W, ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF SAID SECTION 17, ALSO BEING THE EAST LINE OF "PARCEL 35" AS DESCRIBED IN OFFICIAL RECORDS BOOK 1399, PAGE 1901 OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA, 2663.67 FEET TO THE NORTHEAST CORNER OF SAID SOUTHWEST 1/4; THENCE S 89° 30' 41" W, ALONG THE NORTH LINE OF SAID SOUTHWEST 1/4, AND THE NORTH LINE OF SAID "PARCEL 35", A DISTANCE OF 808.27 FEET TO AN INTERSECTION WITH THE NORTHERLY LINE OF "PARCEL 6" OF THAT CERTAIN RELEASE GRANTED TO THE LEE COUNTY PORT AUTHORITY BY THE FEDERAL AVIATION ADMINISTRATION DATED JULY 12, 1990 AND THE POINT OF BEGINNING; THENCE CONTINUE S 89° 30' 41" W, ALONG THE NORTH LINE OF SAID SOUTHWEST 1/4, AND THE NORTH LINE OF SAID "PARCEL 35", A DISTANCE OF 1302.29 FEET; THENCE S 53° 53' 54" W, ALONG THE NORTHWESTERLY LINE OF SAID "PARCEL 35", A DISTANCE OF 1023.93 FEET TO AN INTERSECTION WITH THE EASTERLY LINE OF A NORTHWESTERLY PROTRUSION OF AFORESAID "PARCEL 6"; THENCE S 30° 01' 14" E, ALONG SAID EASTERLY LINE, 52.76 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 300.00 FEET; THENCE SOUTHEASTERLY, ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 23° 31' 07", A DISTANCE OF 123.14 FEET TO THE POINT OF TANGENCY; THENCE S 12° 30' 09" E, A DISTANCE OF 80.71 FEET TO AFORESAID NORTHERLY LINE OF "PARCEL 6"; THENCE N 77° 59' 42" E, ALONG SAID NORTHERLY LINE, 566.16 FEET TO THE POINT OF CURVATURE OF A CURVE, CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 3114.04 FEET; THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 24° 00' 00", A DISTANCE OF 1304.41 FEET TO A POINT OF TANGENCY; THENCE N 53° 59' 42" E, A DISTANCE OF 359.18 FEET TO THE POINT OF BEGINNING.	

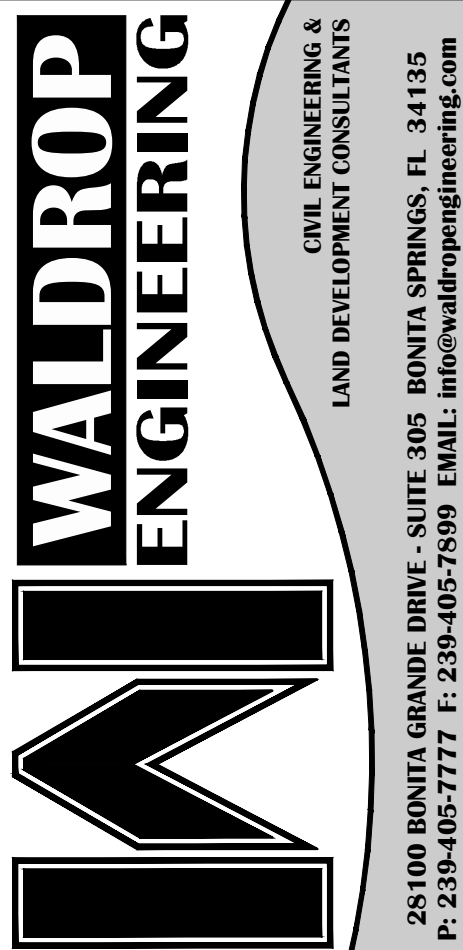


PROJECT SITE MAP
NO SCALE

DEVELOPED BY:

1227 HOLDINGS, LLC
12811 COMMERCE LAKES DRIVE #28
FORT MYERS, FL 33913
PHONE: (239) 313-6576

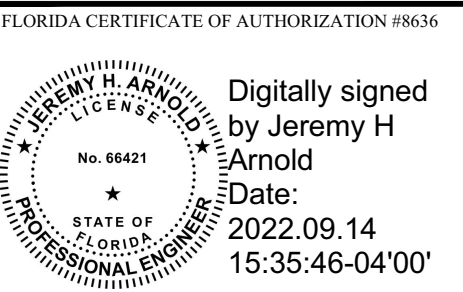
Jeremy H. Arnold State of Florida Professional Engineer, License No. 66421
This item has been digitally signed and sealed by **Jeremy H. Arnold, P.E.**, on 09/14/2022.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING
COMPANY
CLIENT: 1227 HOLDINGS, LLC
COVER SHEET

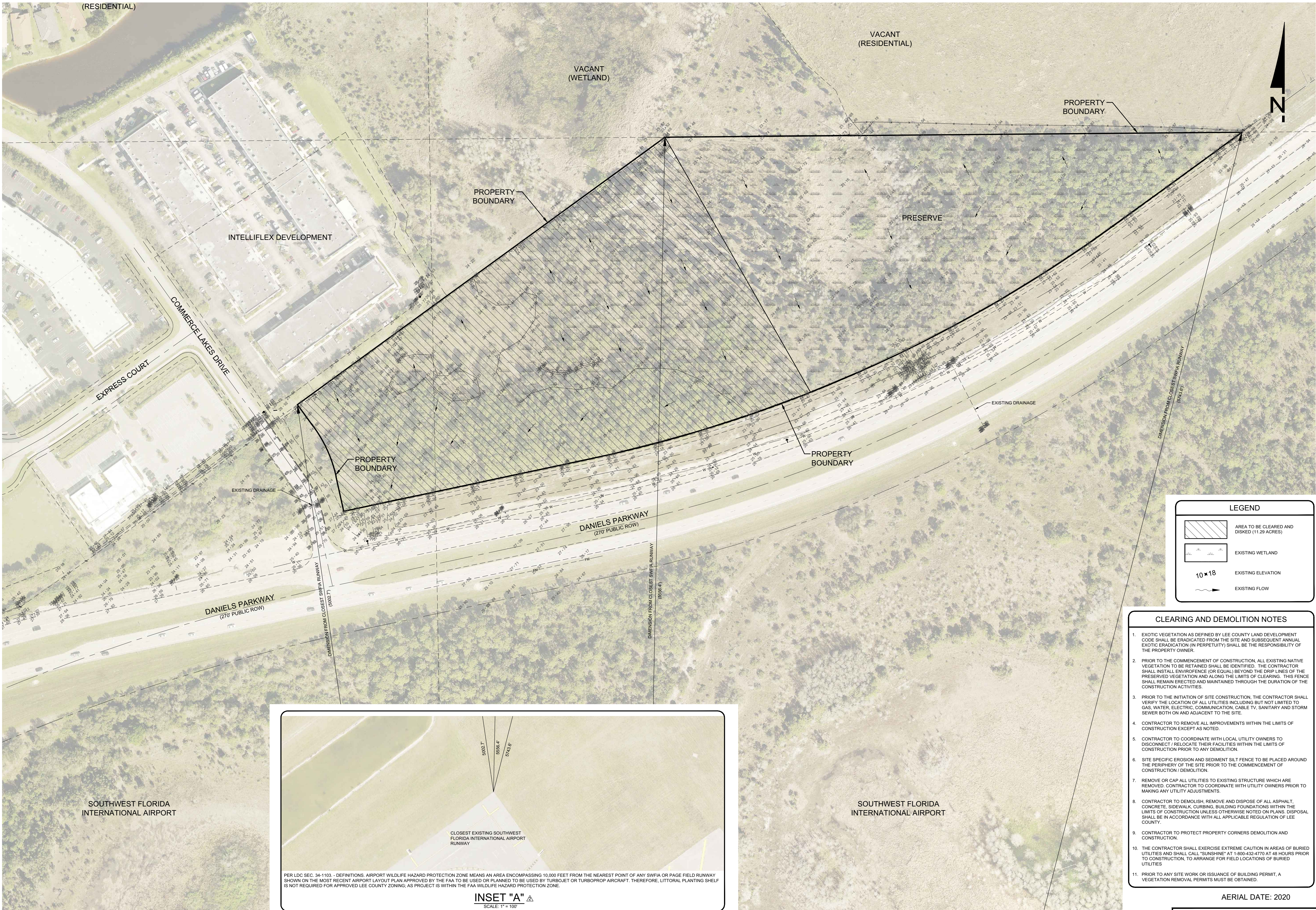
PLAN REVISIONS	
REVISION	DATE
1	03/11/22
2	07/05/22
3	09/14/22

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SET NUMBER: 869-200-01

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LEGEND

- AREA TO BE CLEARED AND DISKED (11.29 ACRES)
- EXISTING WETLAND
- EXISTING ELEVATION
- EXISTING FLOW

- CLEARING AND DEMOLITION NOTES**
1. EXOTIC VEGETATION AS DEFINED BY LEE COUNTY LAND DEVELOPMENT CODE SHALL BE ERADICATED FROM THE SITE AND SUBSEQUENT ANNUAL EXOTIC ERADICATION (IN FERTILITY) SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
 2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, ALL EXISTING NATIVE VEGETATION TO BE RETAINED SHALL BE IDENTIFIED. THE CONTRACTOR SHALL INSTALL ENVIRONMENTAL FENCE (OR EQUIVALENT) BEYOND THE DRAIN LINES OF THE PRESERVED VEGETATION AND ALONG THE LIMITS OF CLEARING. THIS FENCE SHALL REMAIN ERECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITIES.
 3. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, COMMUNICATION, CABLE TV, SANITARY AND STORM SEWER BOTH ON AND ADJACENT TO THE SITE.
 4. CONTRACTOR TO REMOVE ALL IMPROVEMENTS WITHIN THE LIMITS OF CONSTRUCTION EXCEPT AS NOTED.
 5. CONTRACTOR TO COORDINATE WITH LOCAL UTILITY OWNERS TO DISCONNECT / RELOCATE THEIR FACILITIES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO ANY DEMOLITION.
 6. SITE SPECIFIC EROSION AND SEDIMENT SILT FENCE TO BE PLACED AROUND THE PERIPHERY OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION / DEMOLITION.
 7. REMOVE OR CAP ALL UTILITIES TO EXISTING STRUCTURE WHICH ARE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS PRIOR TO MAKING ANY UTILITY ADJUSTMENTS.
 8. CONTRACTOR TO DEMOLISH, REMOVE AND DISPOSE OF ALL ASPHALT, CONCRETE, SIDEWALK, CURBING, BUILDING FOUNDATIONS WITHIN THE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED ON PLANS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATION OF LEE COUNTY.
 9. CONTRACTOR TO PROTECT PROPERTY CORNERS DEMOLITION AND CONSTRUCTION.
 10. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SURSHINE" AT 1-800-432-4770 AT 48 HOURS PRIOR TO CONSTRUCTION, TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES.
 11. PRIOR TO ANY SITE WORK OR ISSUANCE OF BUILDING PERMIT, A VEGETATION REMOVAL PERMITS MUST BE OBTAINED.

AERIAL DATE: 2020

VERTICAL ELEVATIONS BASED ON: NAVD 88

WALDROP ENGINEERING

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ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY
CLIENT: 1227 HOLDINGS, LLC
AERIAL MAP & EXISTING CONDITIONS PLAN

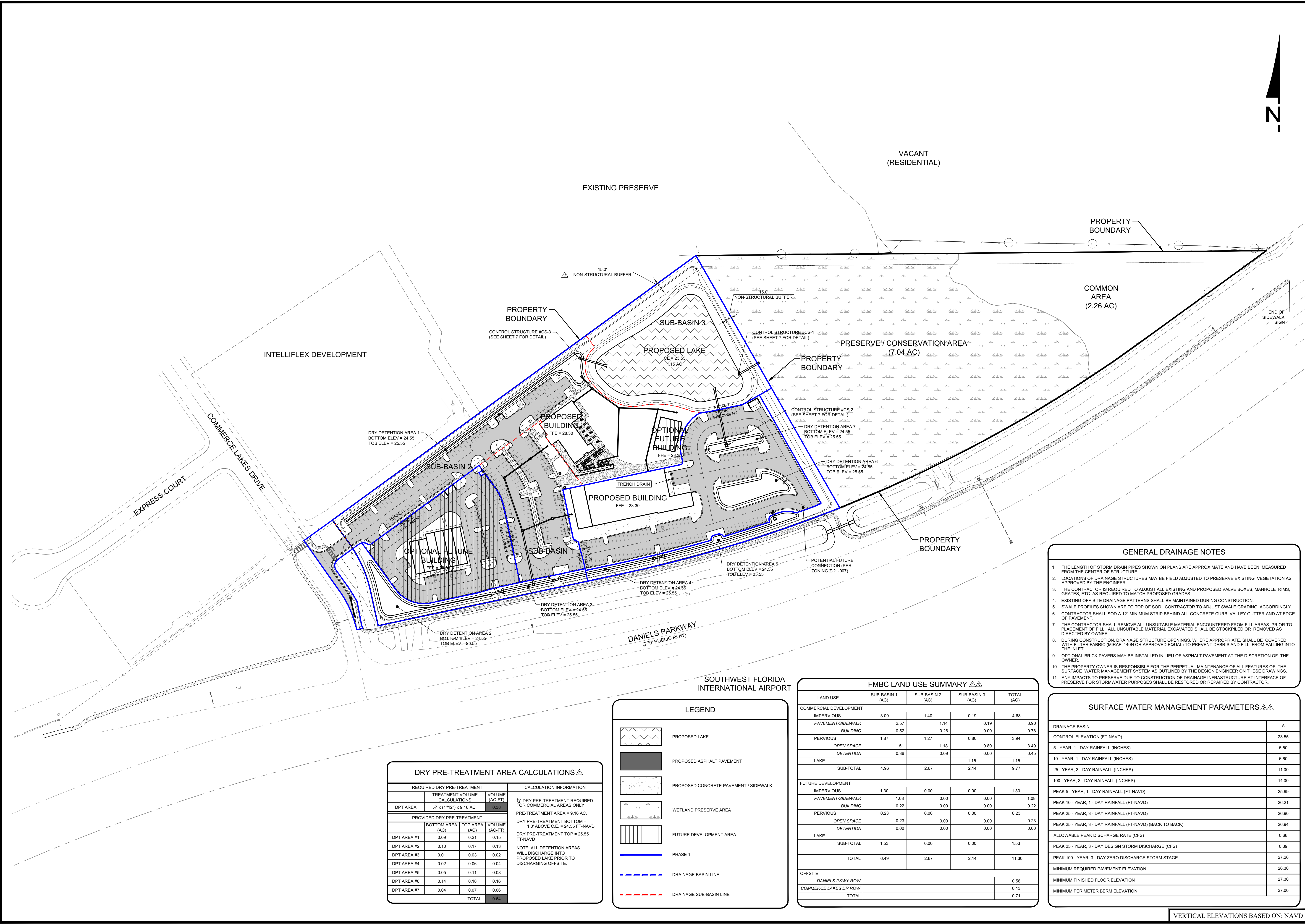
PLAN REVISIONS	REVISION SUBMITTED / BY / SET / DATE	REVISIONS PER REVIEW COMMENTS
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JEREMY H. ARNOLD, P.E.
FL LICENSE NO. 66421

SET NUMBER: 869-200-01

SHEET: 2

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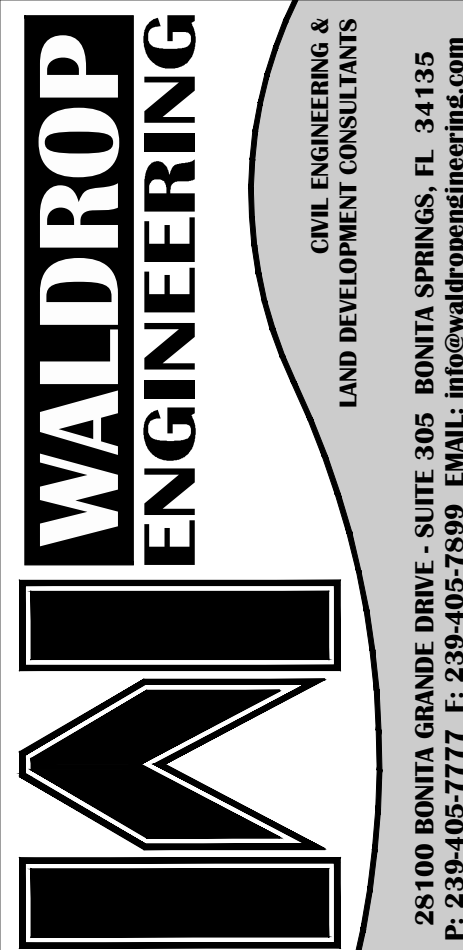
DRY PRE-TREATMENT AREA CALCULATIONS				
REQUIRED DRY PRE-TREATMENT			CALCULATION INFORMATION	
DPT AREA	TREATMENT VOLUME CALCULATIONS	VOLUME (AC-FT)	2' DRY PRE-TREATMENT REQUIRED FOR COMMERCIAL AREAS ONLY	
	3" x (1112") x 9.16 AC	0.36	PRE-TREATMENT AREA = 9.16 AC.	
PROVIDED DRY PRE-TREATMENT			DRY PRE-TREATMENT BOTTOM = 1.0' ABOVE C.E. = 24.55 FT-NAVD	
	BOTTOM AREA (AC)	TOP AREA (AC)	VOLUME (AC-FT)	
DPT AREA #1	0.09	0.21	0.15	
DPT AREA #2	0.10	0.17	0.13	
DPT AREA #3	0.01	0.03	0.02	
DPT AREA #4	0.02	0.06	0.04	
DPT AREA #5	0.05	0.11	0.08	
DPT AREA #6	0.14	0.18	0.16	
DPT AREA #7	0.04	0.07	0.05	
	TOTAL		0.94	

LEGEND	
	PROPOSED LAKE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONCRETE PAVEMENT / SIDEWALK
	WETLAND PRESERVE AREA
	FUTURE DEVELOPMENT AREA
	PHASE 1
	DRAINAGE BASIN LINE
	DRAINAGE SUB-BASIN LINE

FMBC LAND USE SUMMARY				
LAND USE	SUB-BASIN 1 (AC)	SUB-BASIN 2 (AC)	SUB-BASIN 3 (AC)	TOTAL (AC)
COMMERCIAL DEVELOPMENT				
IMPERVIOUS	3.09	1.40	0.19	4.68
PAVEMENT/SIDEWALK	2.57	1.14	0.19	3.90
BUILDING	0.52	0.26	0.00	0.78
PERVIOUS	1.87	1.27	0.80	3.94
OPEN SPACE	1.51	1.18	0.80	3.49
DETENTION	0.36	0.09	0.00	0.45
LAKE	-	-	1.15	1.15
SUB-TOTAL	4.96	2.67	2.14	9.77
FUTURE DEVELOPMENT				
IMPERVIOUS	1.30	0.00	0.00	1.30
PAVEMENT/SIDEWALK	1.08	0.00	0.00	1.08
BUILDING	0.22	0.00	0.00	0.22
PERVIOUS	0.23	0.00	0.00	0.23
OPEN SPACE	0.23	0.00	0.00	0.23
DETENTION	0.00	0.00	0.00	0.00
LAKE	-	-	-	-
SUB-TOTAL	1.53	0.00	0.00	1.53
TOTAL	6.49	2.67	2.14	11.30
OFFSITE				
DANIELS PKWY ROW				0.58
COMMERCE LAKES DR ROW				0.13
TOTAL				0.71

- GENERAL DRAINAGE NOTES**
- THE LENGTH OF STORM DRAIN PIPES SHOWN ON PLANS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM THE CENTER OF STRUCTURE.
 - LOCATIONS OF DRAINAGE STRUCTURES MAY BE FIELD ADJUSTED TO PRESERVE EXISTING VEGETATION AS APPROVED BY THE ENGINEER.
 - THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS REQUIRED TO MATCH PROPOSED GRADES.
 - EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
 - SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY.
 - CONTRACTOR SHALL SOD A 12" MINIMUM STRIP BEHIND ALL CONCRETE CURB, VALLEY GUTTER AND AT EDGE OF PAVEMENT.
 - THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
 - DURING CONSTRUCTION, DRAINAGE STRUCTURE OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL) TO PREVENT DEBRIS AND FILL FROM FALLING INTO THE INLET.
 - OPTIONAL BRICK PAVERS MAY BE INSTALLED IN LIEU OF ASPHALT PAVEMENT AT THE DISCRETION OF THE OWNER.
 - THE PROPERTY OWNER IS RESPONSIBLE FOR THE PERPETUAL MAINTENANCE OF ALL FEATURES OF THE SURFACE WATER MANAGEMENT SYSTEM AS OUTLINED BY THE DESIGN ENGINEER ON THESE DRAWINGS.
 - ANY IMPACTS TO PRESERVE DUE TO CONSTRUCTION OF DRAINAGE INFRASTRUCTURE AT INTERFACE OF PRESERVE FOR STORMWATER PURPOSES SHALL BE RESTORED OR REPAIRED BY CONTRACTOR.

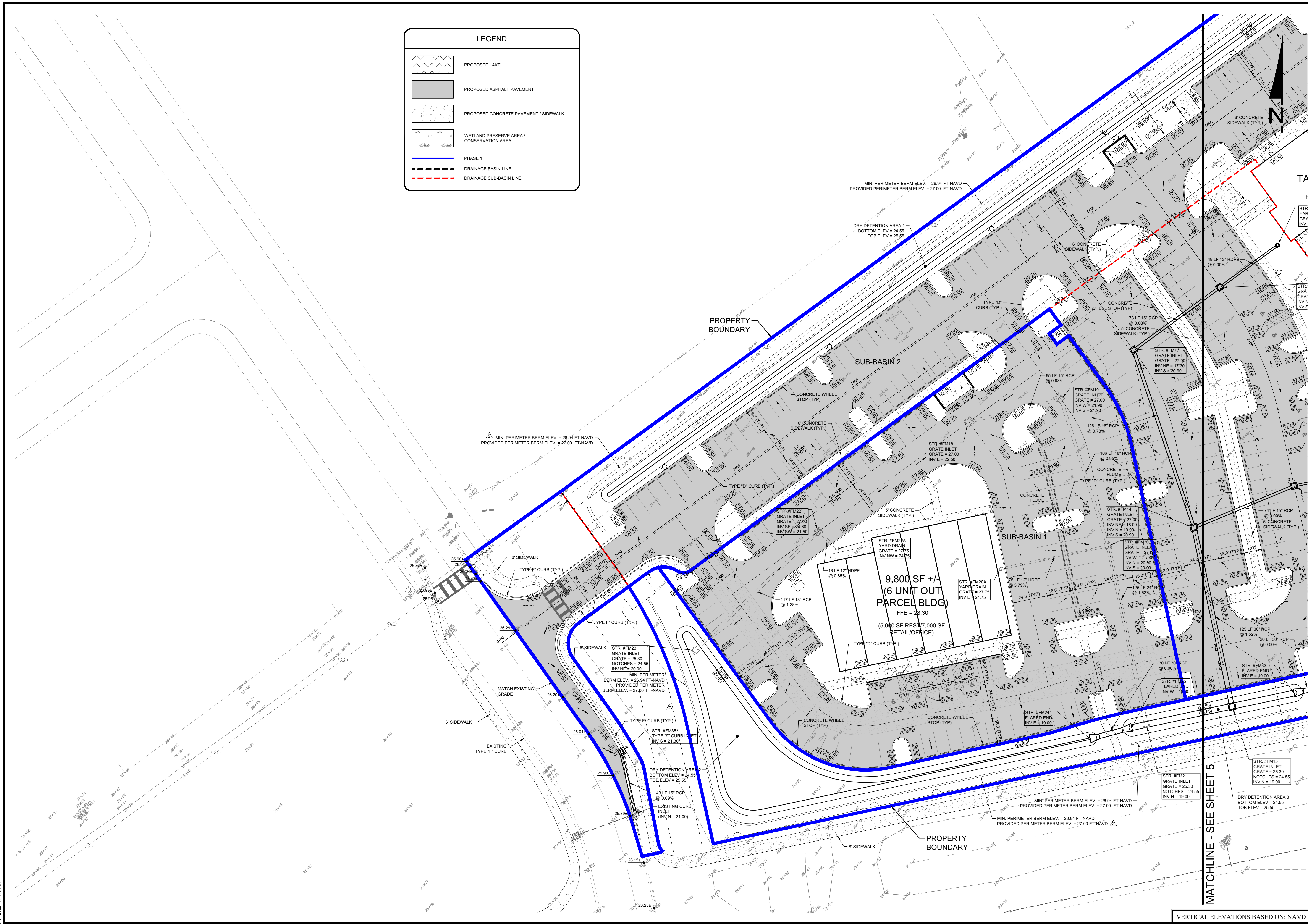
SURFACE WATER MANAGEMENT PARAMETERS	
DRAINAGE BASIN	A
CONTROL ELEVATION (FT-NAVD)	23.55
5 - YEAR, 1 - DAY RAINFALL (INCHES)	5.50
10 - YEAR, 1 - DAY RAINFALL (INCHES)	6.60
25 - YEAR, 3 - DAY RAINFALL (INCHES)	11.00
100 - YEAR, 3 - DAY RAINFALL (INCHES)	14.00
PEAK 5 - YEAR, 1 - DAY RAINFALL (FT-NAVD)	25.99
PEAK 10 - YEAR, 1 - DAY RAINFALL (FT-NAVD)	26.21
PEAK 25 - YEAR, 3 - DAY RAINFALL (FT-NAVD)	26.90
PEAK 5 - YEAR, 3 - DAY RAINFALL (FT-NAVD) (BACK TO BACK)	26.94
ALLOWABLE PEAK DISCHARGE RATE (CFS)	0.66
PEAK 25 - YEAR, 3 - DAY DESIGN STORM DISCHARGE (CFS)	0.39
PEAK 100 - YEAR, 3 - DAY ZERO DISCHARGE STORM STAGE	27.26
MINIMUM REQUIRED PAVEMENT ELEVATION	26.30
MINIMUM FINISHED FLOOR ELEVATION	27.30
MINIMUM PERMETER BERM ELEVATION	27.00



ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY
CLIENT: 1227 HOLDINGS, LLC
MASTER DRAINAGE PLAN

PLAN REVISIONS	
REVISION	DATE
03/11/22	08/12/21
07/05/22	
08/14/22	
SCALE IN FEET	
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FLORIDA CERTIFICATE OF AUTHORIZATION #8636	
JEREMY H. ARNOLD, P.E. FL LICENSE NO. 66421	
SET NUMBER: 869-200-01	
SHEET: 3	

VERTICAL ELEVATIONS BASED ON: NAVD 88



VERTICAL ELEVATIONS BASED ON: NAVD 88

SHEET :

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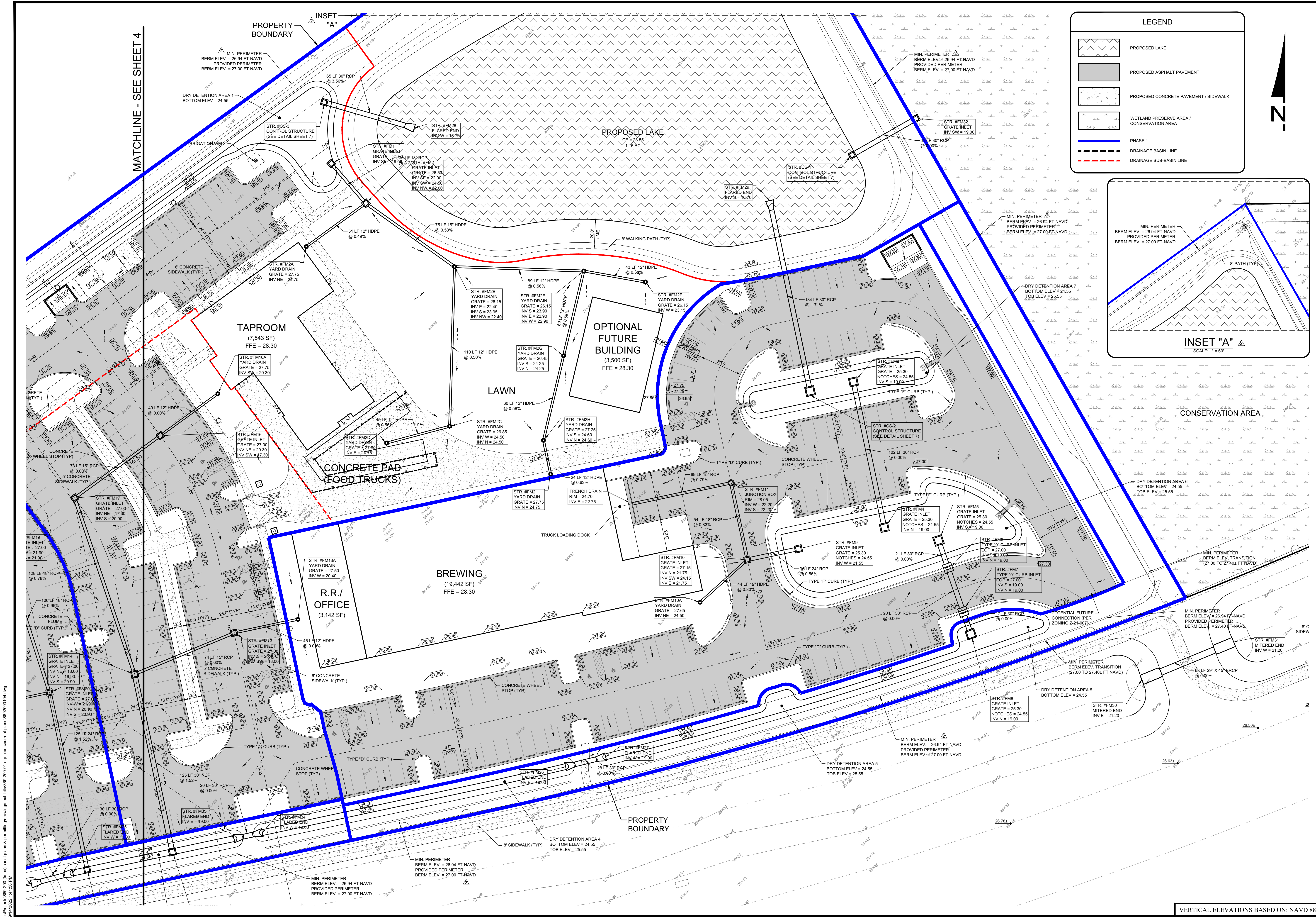
**CIVIL ENGINEERING &
LAND DEVELOPMENT CONSULTANTS**

28100 BONITA GRANDE DRIVE - SUITE 305 BONITA SPRINGS, FL 34135
P: 239-405-7777 F: 239-405-7899 EMAIL: info@waldropengineering.com

ENVIRONMENTAL RESOURCE PERMIT PLANS FOR FORT MYERS BREWING

COMPANY

CLIENT: 1227 HOLDINGS, LLC
PAVING, GRADING AND DRAINAGE PLAN (A)



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ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY
CLIENT: 1227 HOLDINGS, LLC
PAVING, GRADING AND DRAINAGE PLAN (B)

PLAN REVISIONS	REVISIONS	DATE	DESCRIPTION
1	03/11/22	03/11/22	REVISED PER SPWM COMMENTS
2	07/05/22	07/05/22	REVISED PER SPWM COMMENTS
3	09/14/22	09/14/22	REVISED PER SPWM COMMENTS

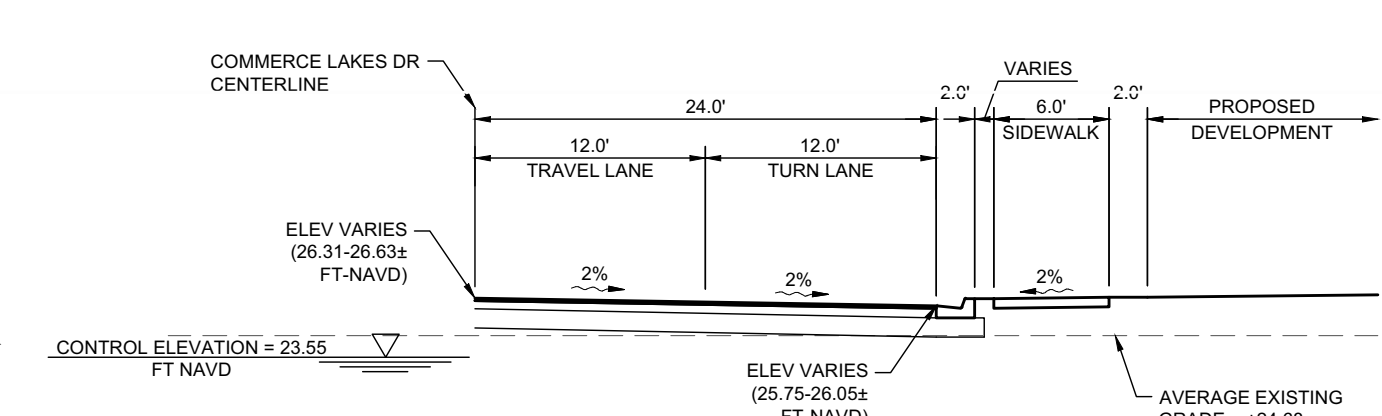
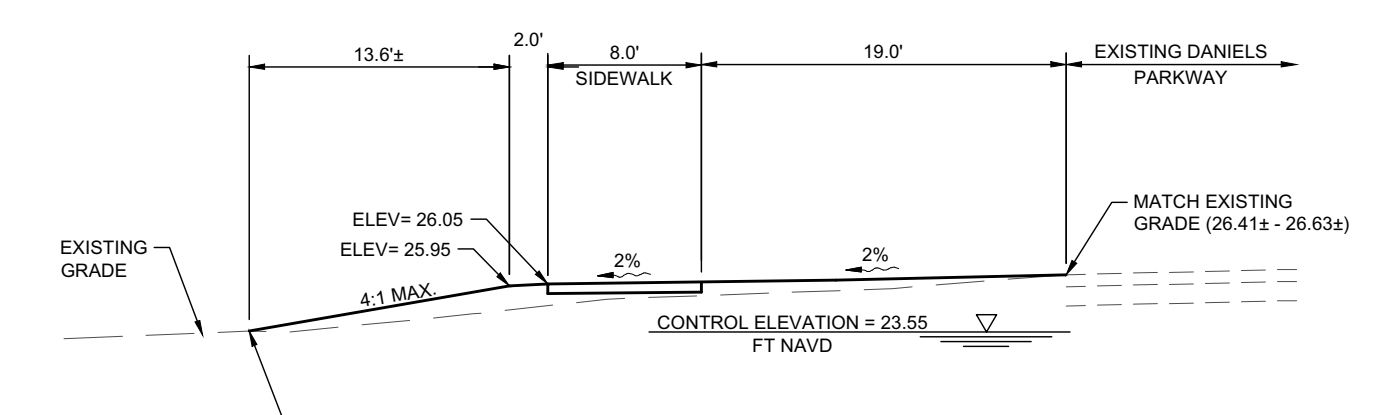
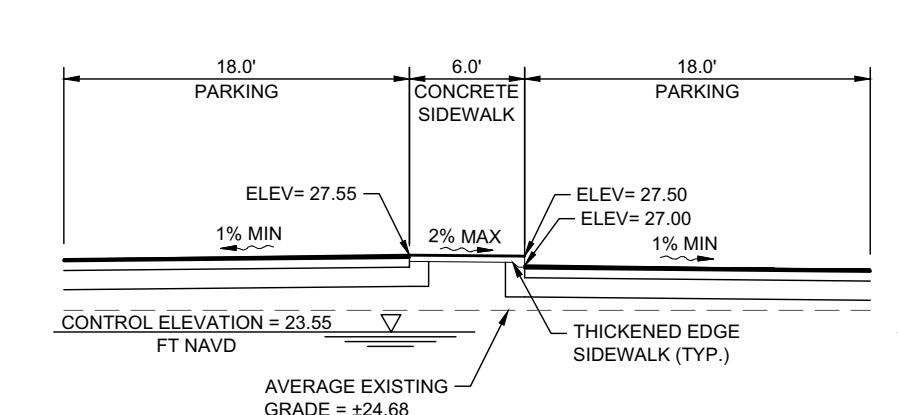
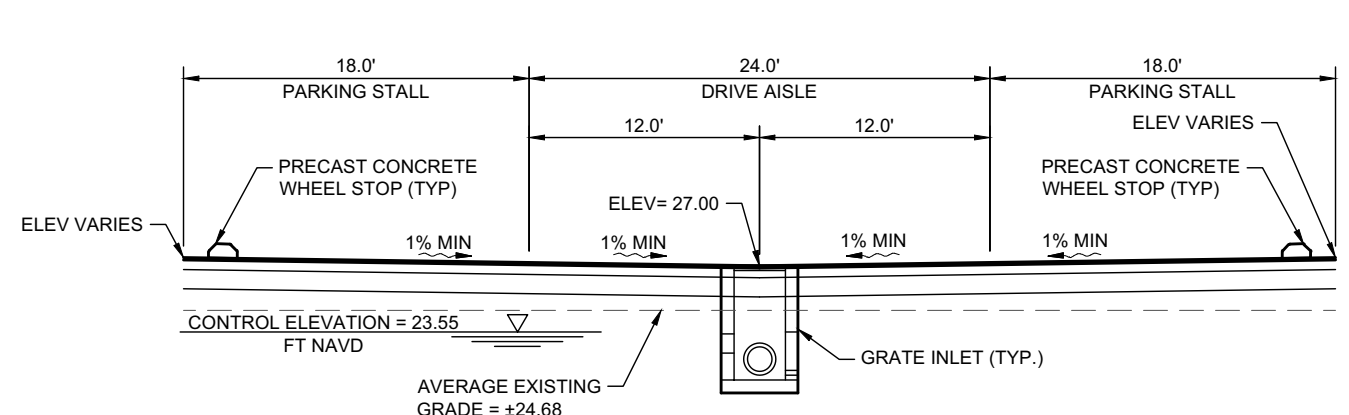
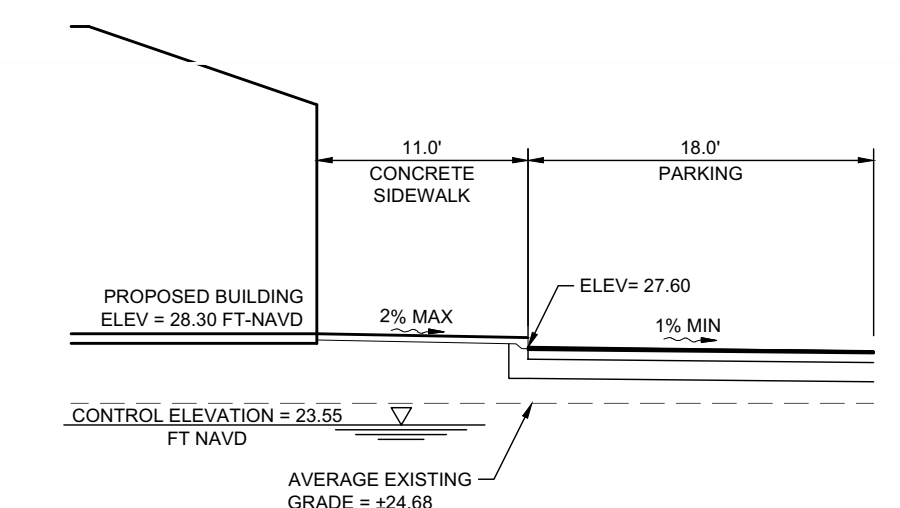
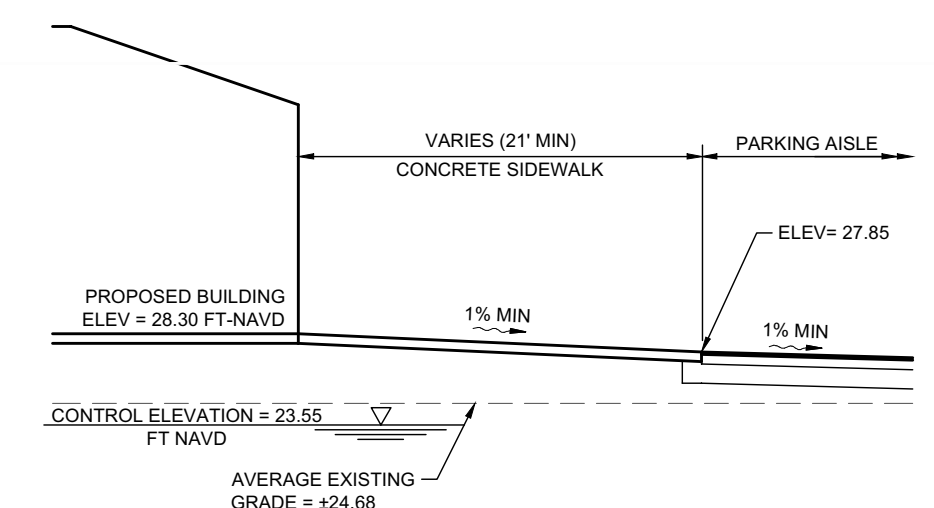
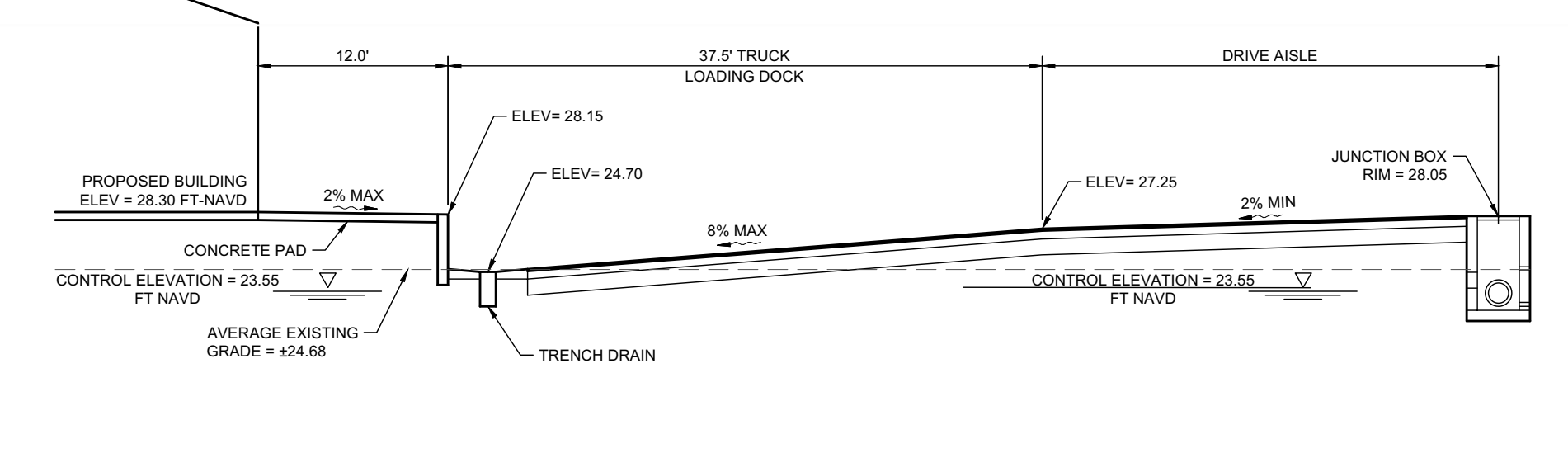
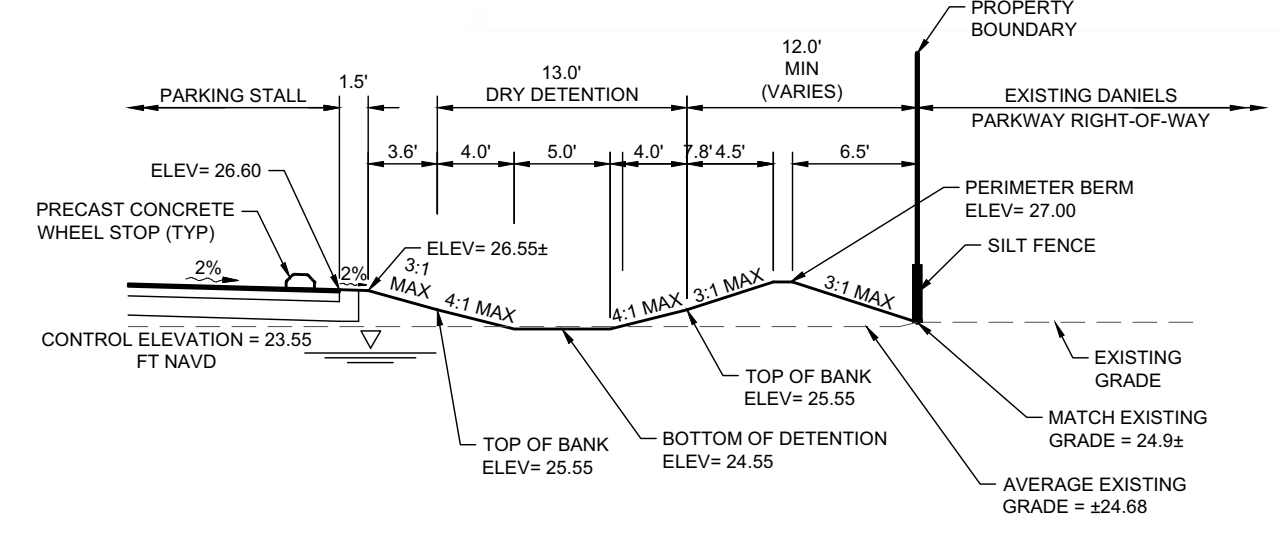
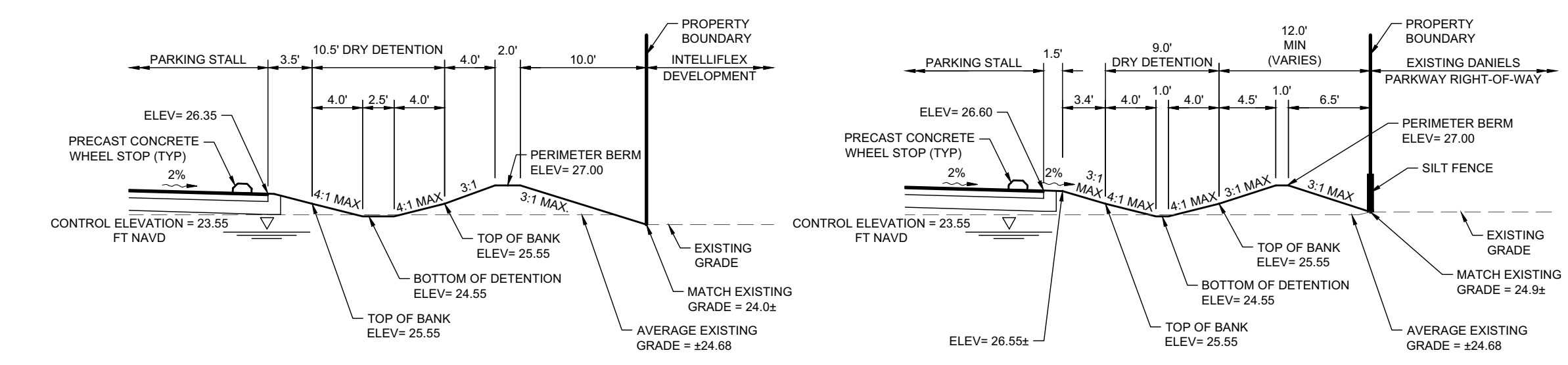
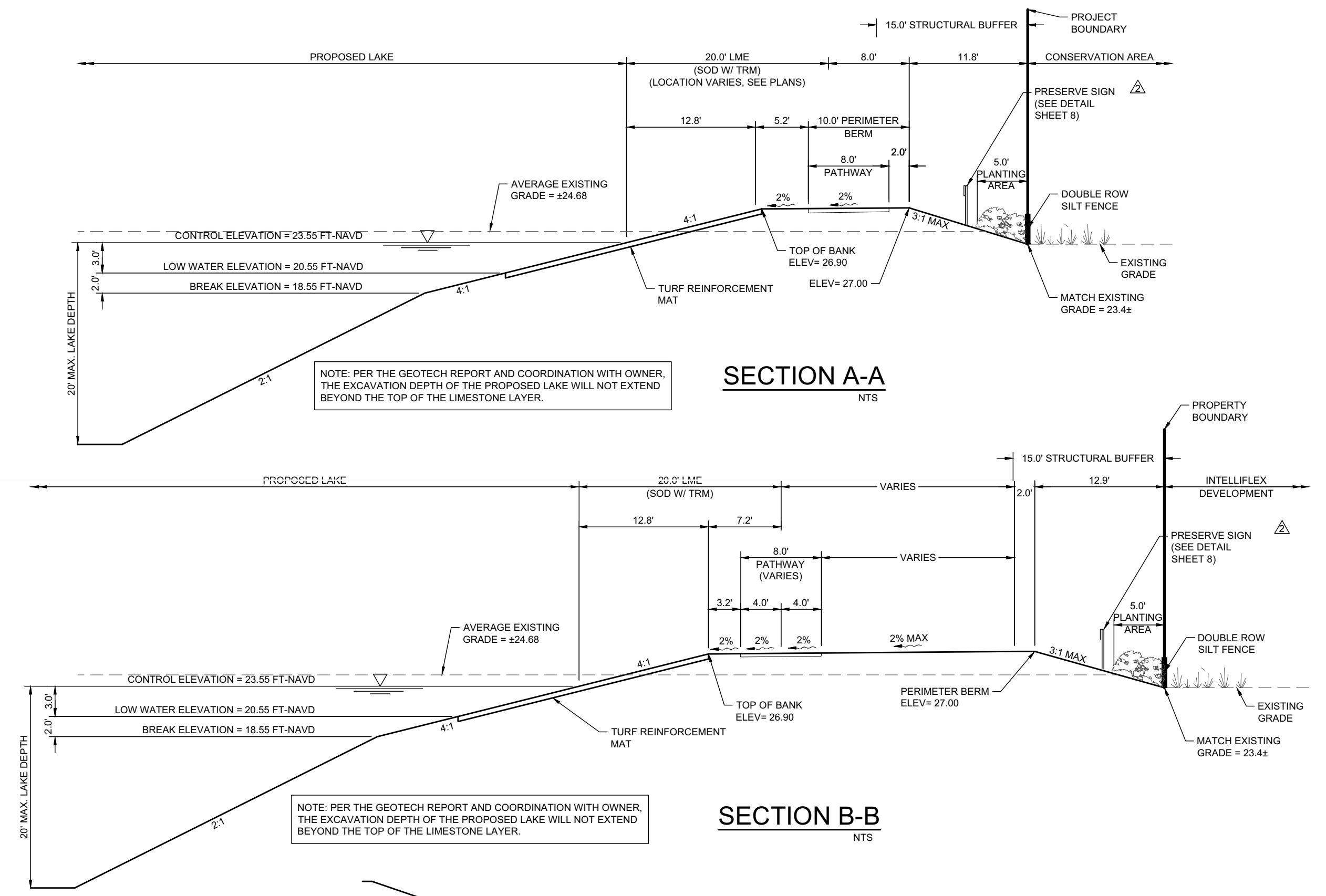
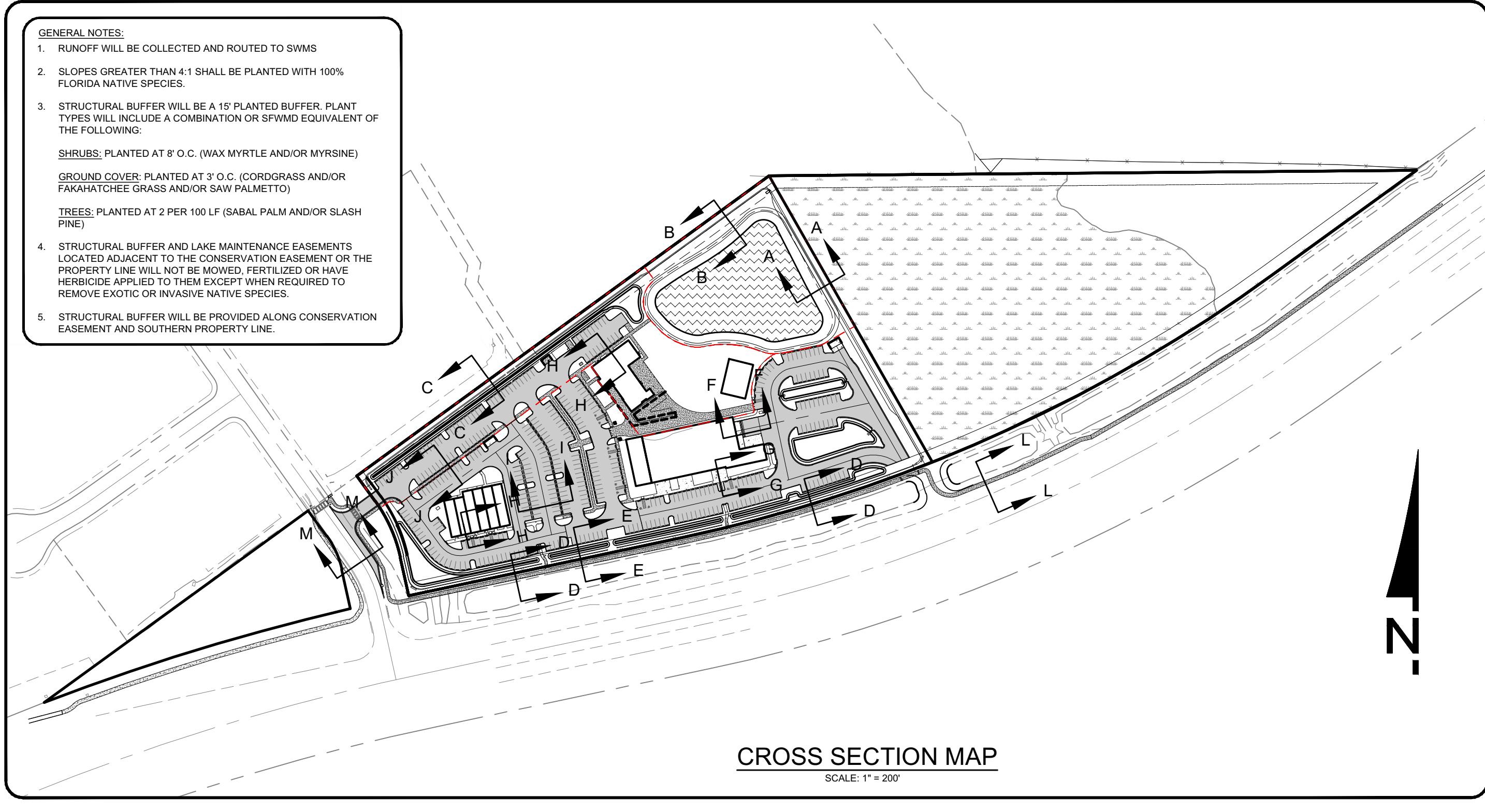
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FLORIDA CERTIFICATE OF AUTHORIZATION #8636

JEREMY H. ARNOLD, P.E.
FL LICENSE NO. 66421

SET NUMBER: 869-200-01

SHEET: 5



WALDROP ENGINEERING

Civil Engineering & Land Development Consultants
28100 HUNTA GRANDE DRIVE - SUITE 205 HUNTA SPRINGS, FL 34135
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ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY
CLIENT: 1227 HOLDINGS, LLC

CROSS SECTIONS

PLAN REVISIONS	REVISION	SUBMITTED	BY	DATE
1	03/11/22	08/12/21		
2	07/05/22			
3	08/14/22			

SCALE AS SHOWN

FLORIDA CERTIFICATE OF AUTHORIZATION #8636

JEREMY H. ARNOLD, P.E.
FL LICENSE NO. 66421

SET NUMBER: 869-200-01

VERTICAL ELEVATIONS BASED ON: NAVD 88

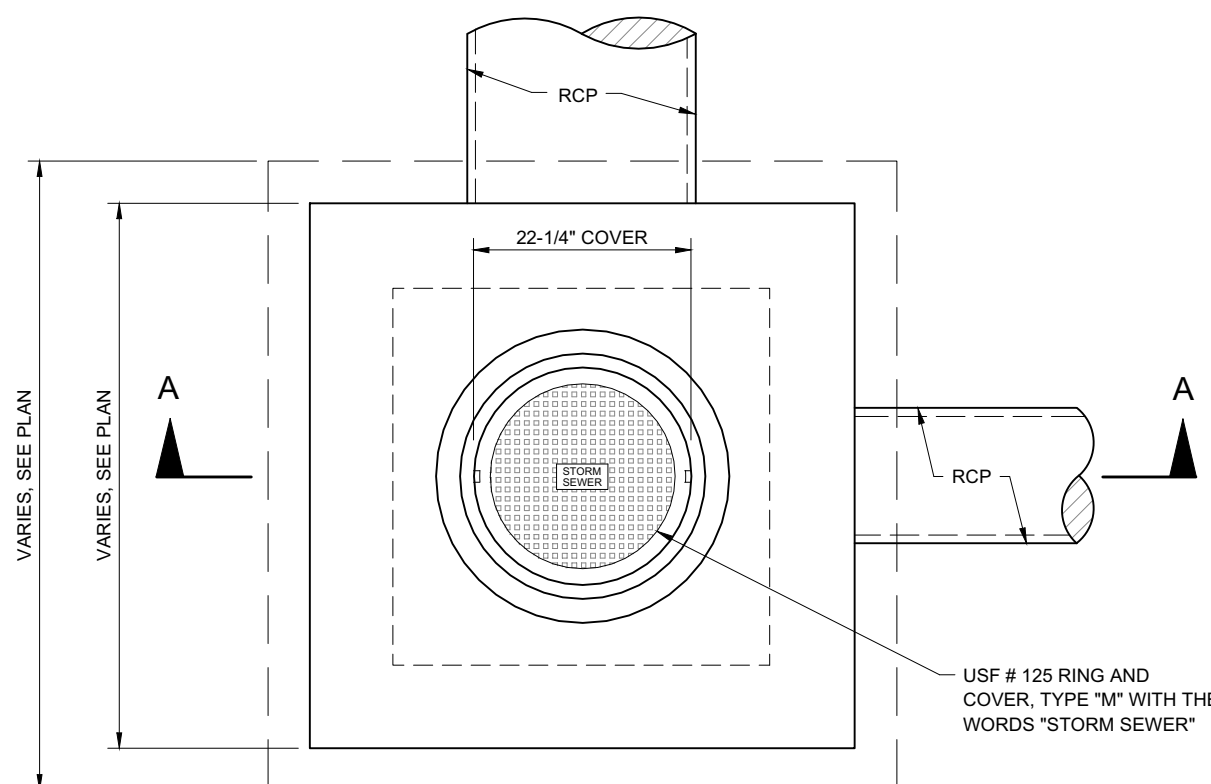
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DRAINAGE STRUCTURE TABLE		
TYPE OF STRUCTURE	REFERENCE	CASTING
CURB INLET TOP - TYPE 9 MODIFIED W/ TYPE J OR P BOTTOM	FDOT INDEX 425-024	USF 5130-6168, OR APPROVED EQUAL
FLARED END*	FDOT INDEX 430-020	NONE
GRATE INLET	SEE DETAIL	USF 4170 - 6245, OR APPROVED EQUAL
JUNCTION BOX	SEE DETAIL	USF 125, OR APPROVED EQUAL

* PIPE LENGTH AND SLOPE SHALL BE FIELD ADJUSTED TO HAVE FLARED END MATCH FLUSH WITH LAKE BANK.

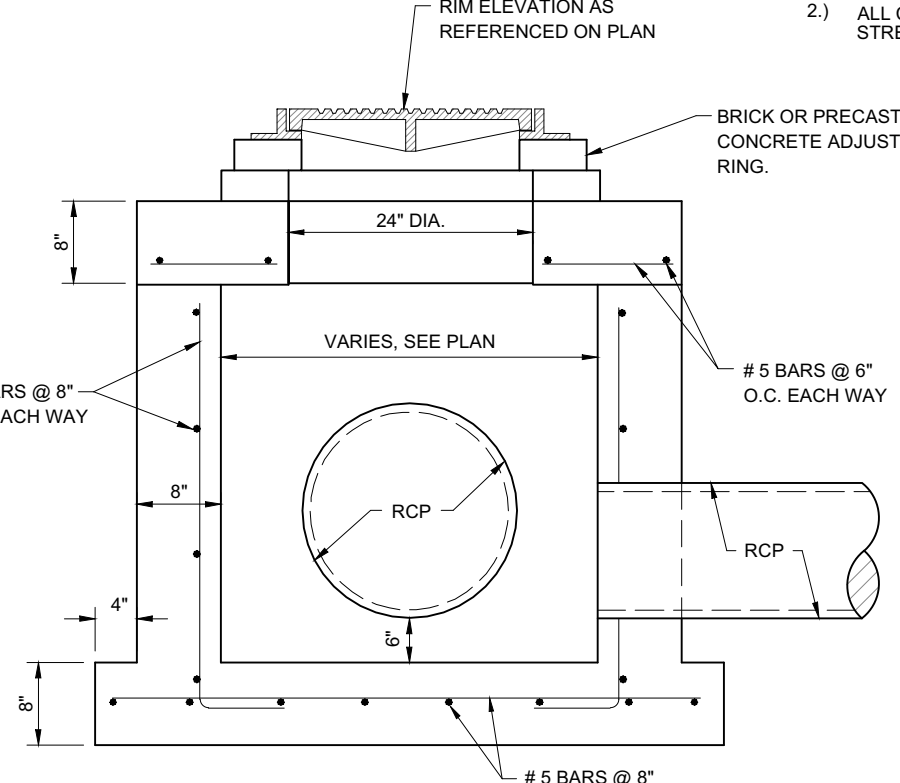
GENERAL STRUCTURE DESIGN NOTES:	
1.	ALL REINFORCING STEEL SHALL HAVE A MINIMUM TWO INCHES OF COVER.
2.	ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS.
3.	PRECAST STRUCTURE WALLS MAY BE 6" THICK (MIN.)
4.	CAST-IN-PLACE STRUCTURE WALLS SHALL BE 8" THICK (MIN.)
5.	MINIMUM STRUCTURE SIZES ARE PER FDOT STANDARD INDEX 200, TABLES 3 AND 4.

MINIMUM DIMENSIONS FOR DRAINAGE STRUCTURES	
PIPE SIZE	MINIMUM INTERIOR STRUCTURE WIDTH
15"	3.0 FT
18"	3.0 FT
24"	3.5 FT
30"	4.0 FT
36"	4.5 FT
42"	5.0 FT
48"	5.5 FT
54"	6.0 FT



PLAN

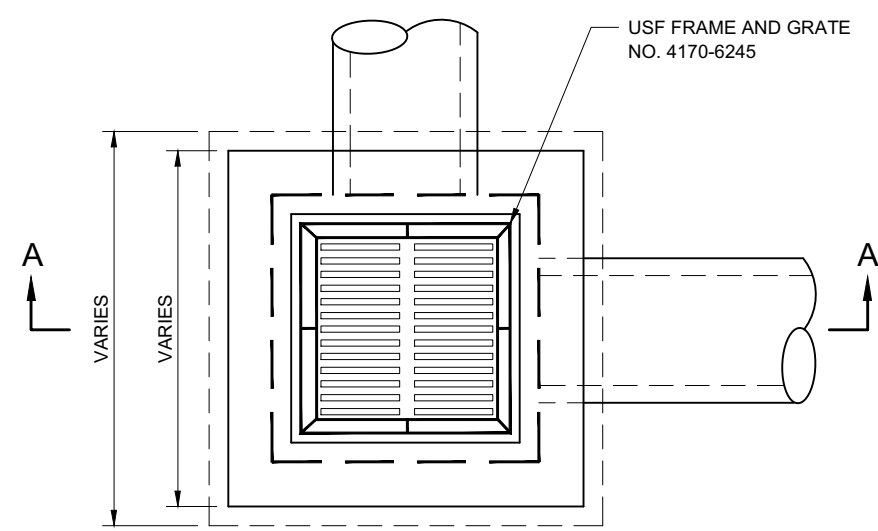
- DESIGN NOTES:
- 1) ALL REINFORCING STEEL AS SHOWN SHALL HAVE TWO INCHES (2") MIN. COVER.
 - 2) ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS.



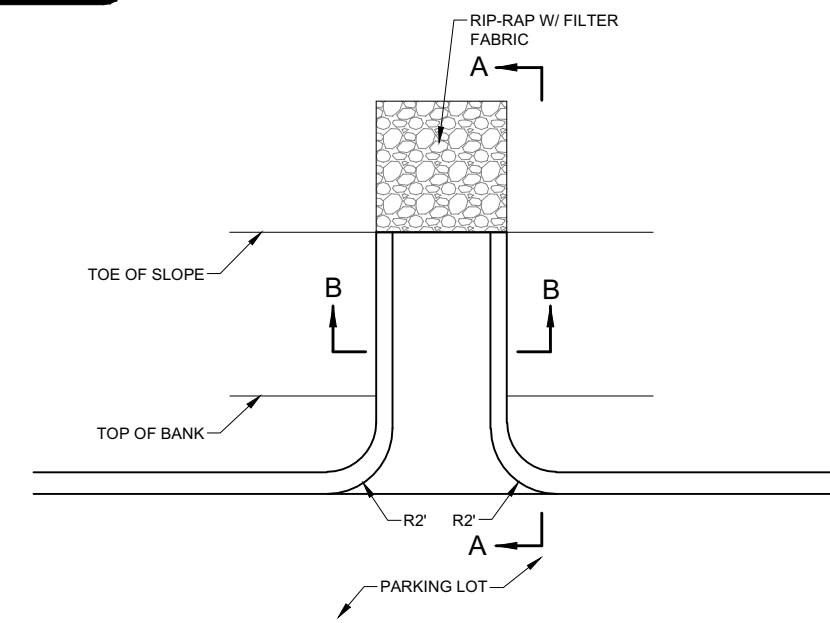
SECTION A-A

JUNCTION BOX DETAIL

N.T.S.



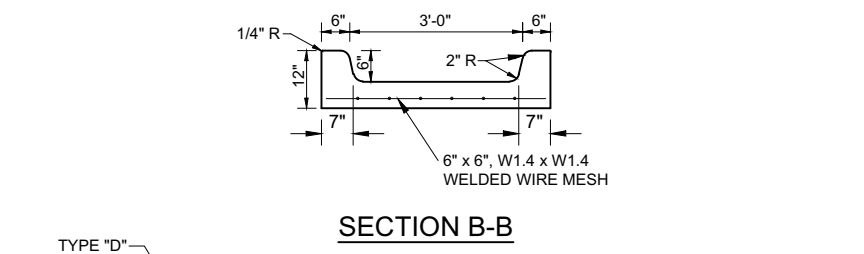
PLAN



SECTION A-A

GRATE INLET

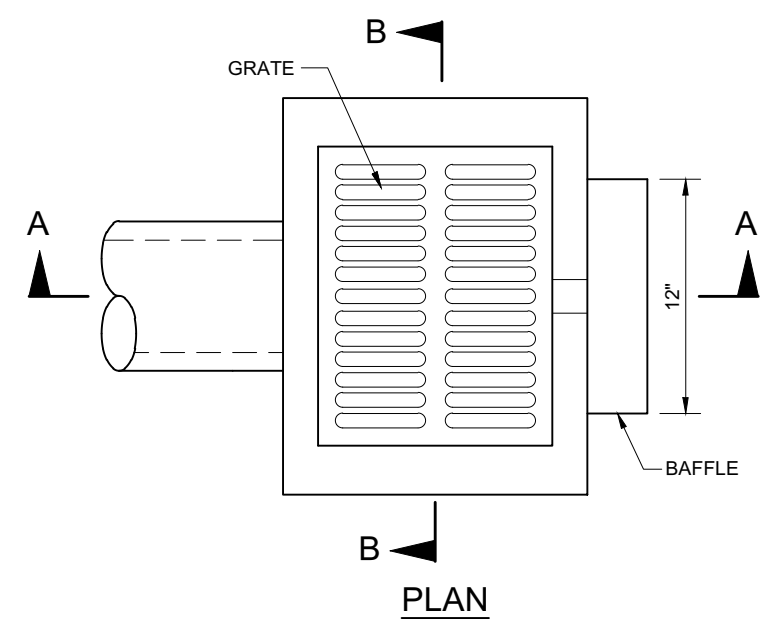
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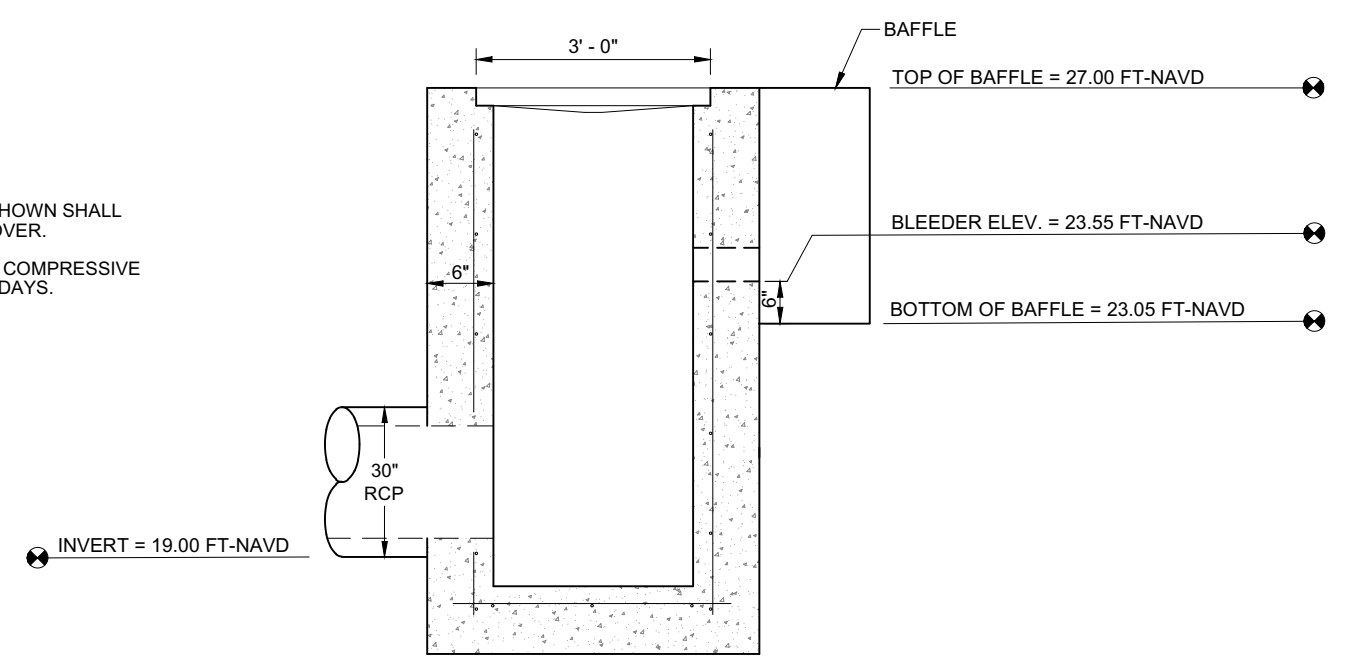
SECTION B-B

CONCRETE FLUME DETAIL

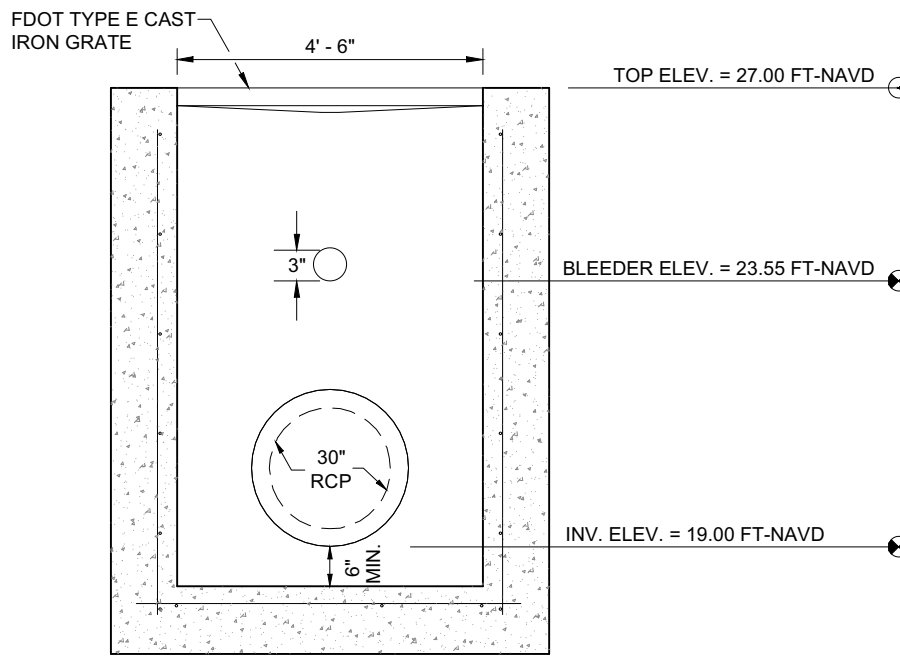
N.T.S.



PLAN



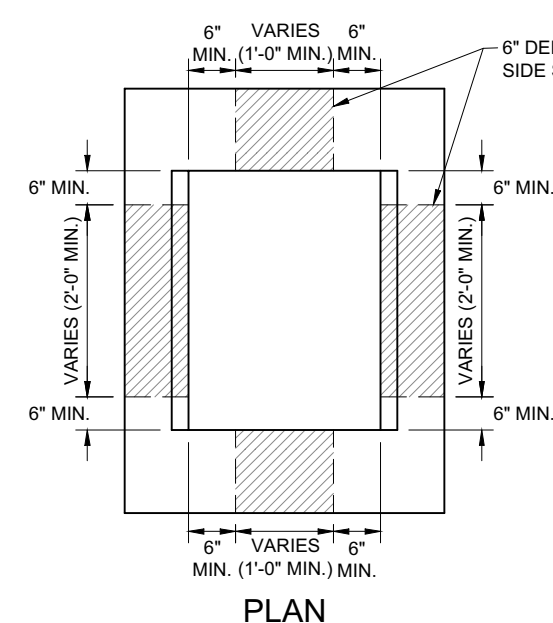
SECTION A-A



SECTION B-B

CONTROL STRUCTURE #CS-1
(MODIFIED TYPE "E")

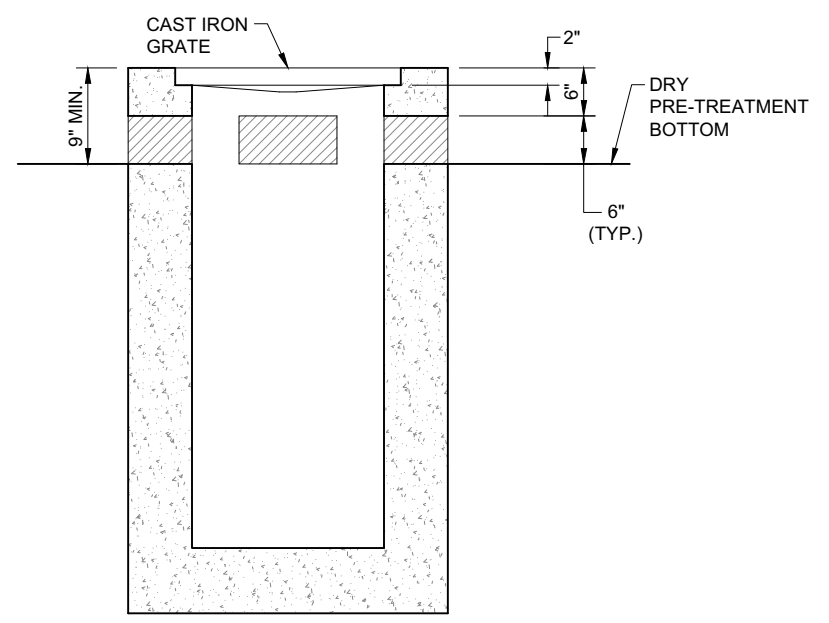
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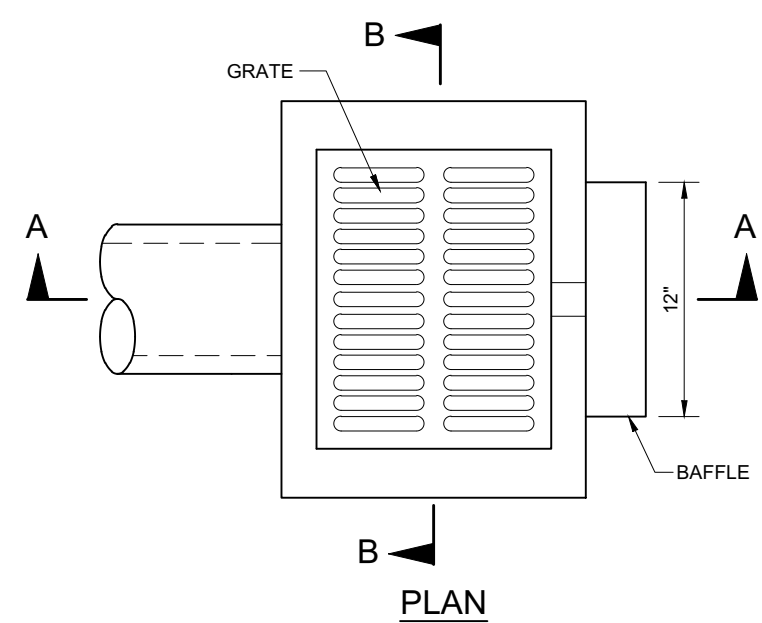
PLAN

MODIFIED GRATE INLET
WITH SIDE SLOTS

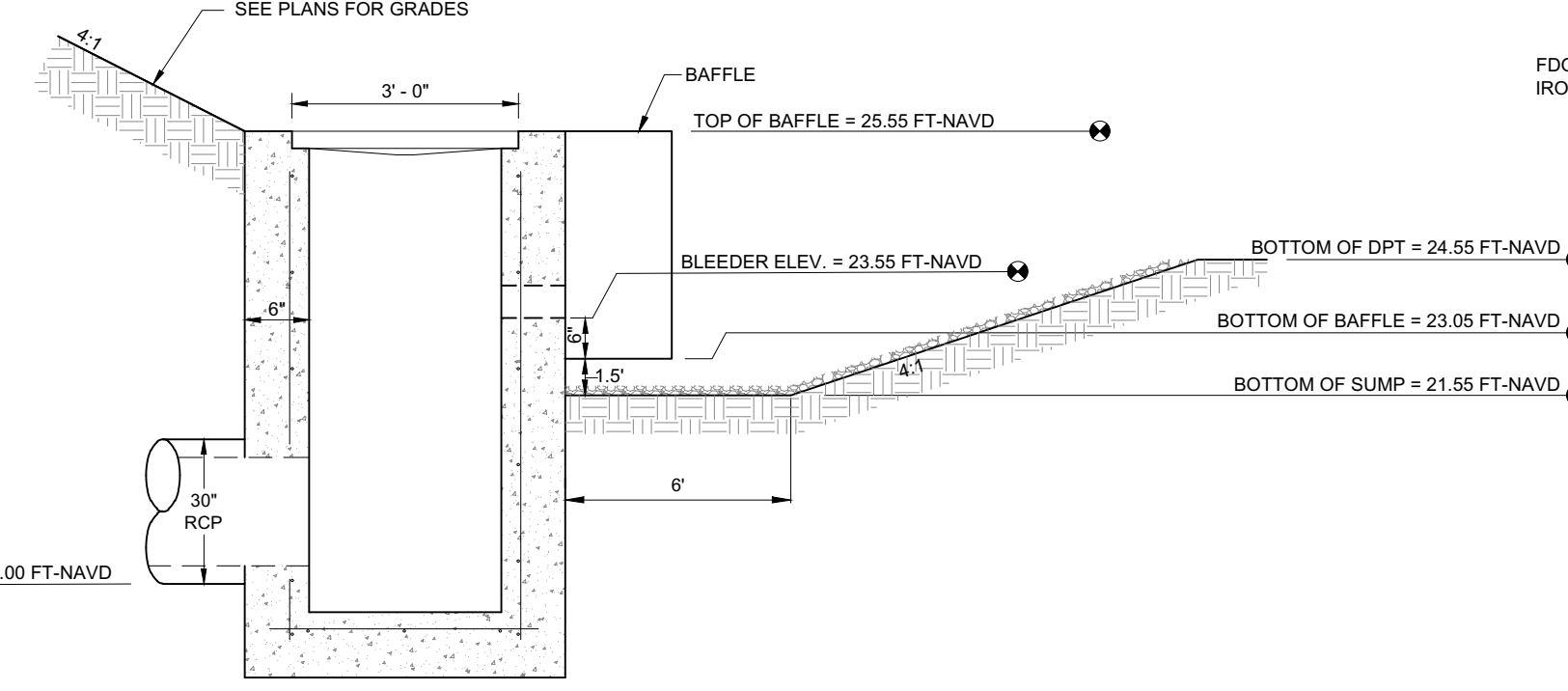
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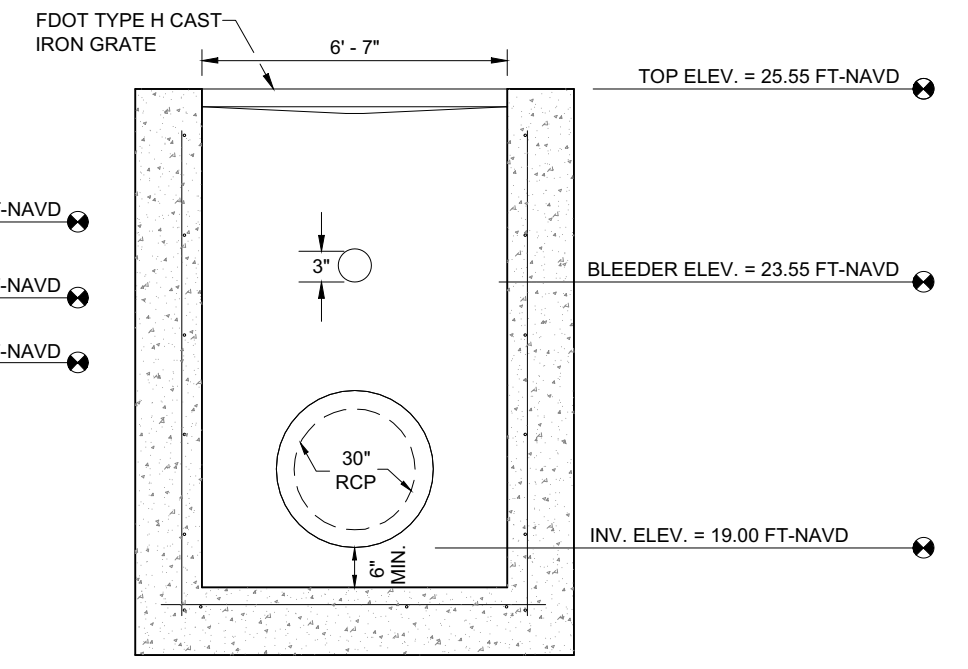
SECTION



PLAN



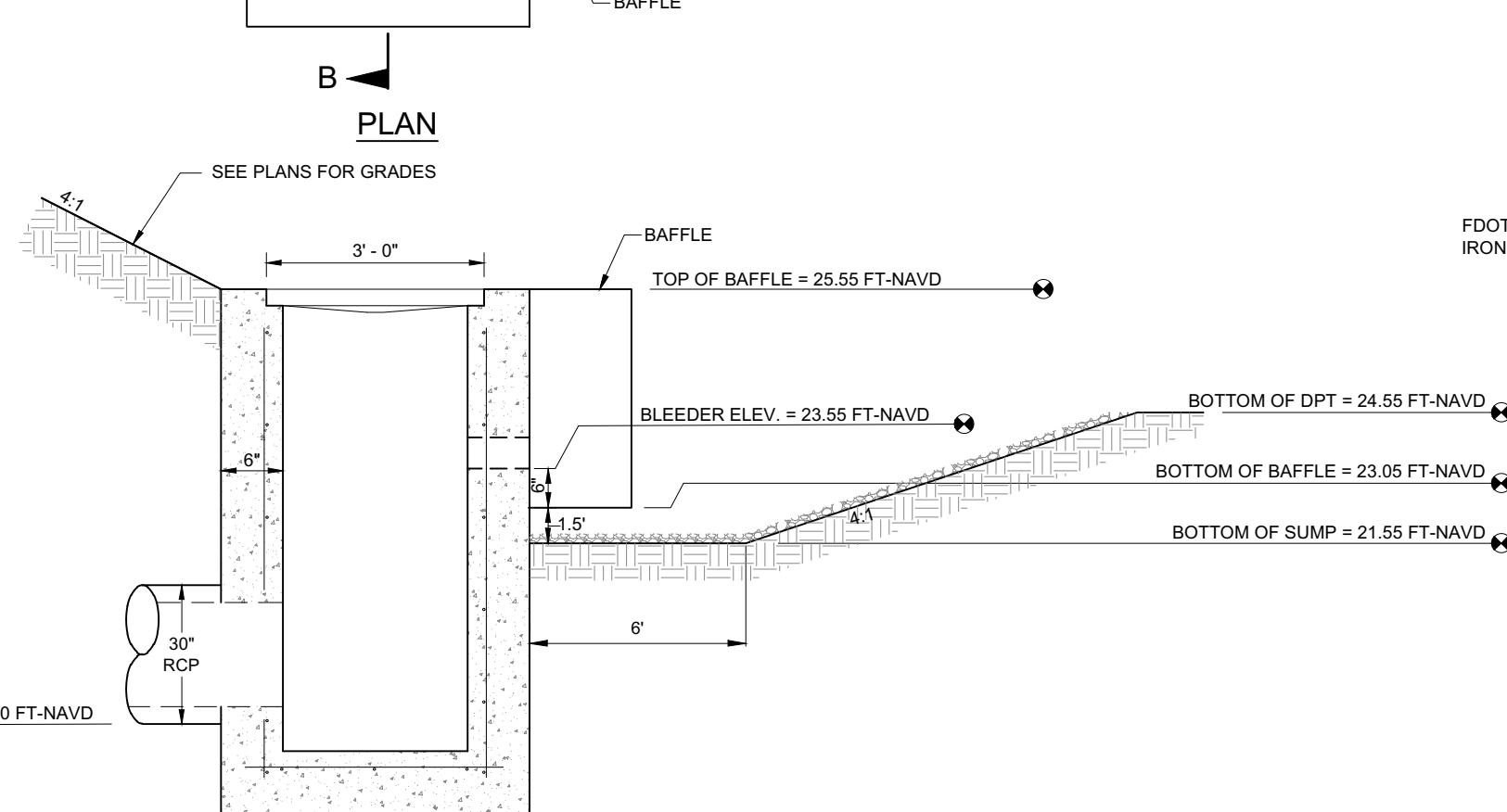
SECTION A-A



SECTION B-B

CONTROL STRUCTURE #CS-3
(MODIFIED TYPE "H")

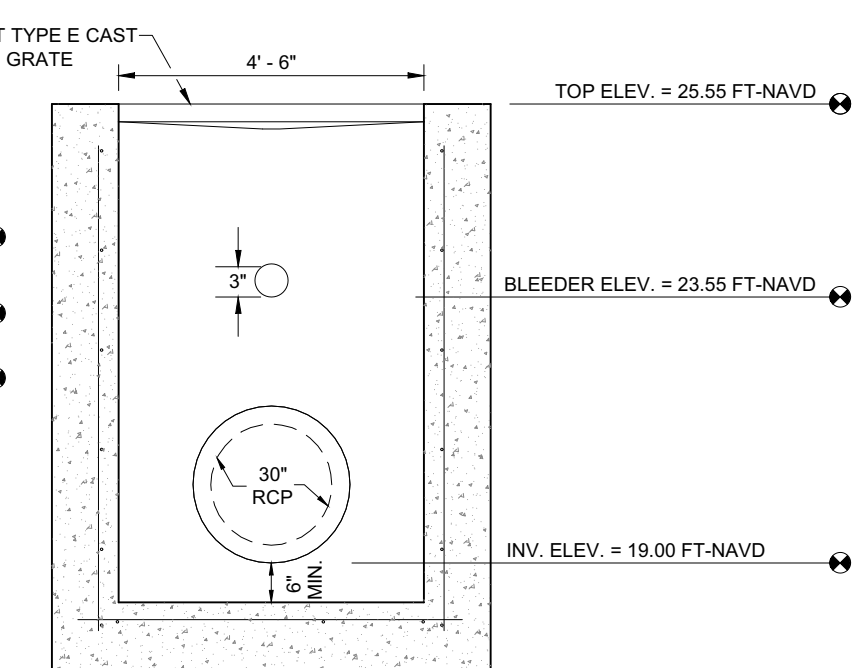
N.T.S.



SECTION A-A

CONTROL STRUCTURE #CS-2
(MODIFIED TYPE "E")

N.T.S.



SECTION B-B

b:\Projects\869-200 (mhc) cont plans & permitting\drawings-external\869-200-01 en plan\current plan\869200107.dwg
9/14/2021 1:45:12 PM

WALDROP ENGINEERING

Civil Engineering & Land Development Consultants

28100 RONITA GRANDE DRIVE - SUITE 205 RONITA SPRINGS, FL 34135
P: 239-405-7777 F: 239-405-7899 EMAIL: info@waldropengineering.com

ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING COMPANY
CLIENT: 1227 HOLDINGS, LLC
DRAINAGE DETAILS

PLAN REVISIONS	REVISION	SUBMITTED / REV SET	DATE
1	03/11/22	REVISED PER SPVMD COMMENTS	08/12/21
2	09/14/22	REVISED PER SPVMD COMMENTS	

SCALE AS SHOWN

FLORIDA CERTIFICATE OF AUTHORIZATION #8636

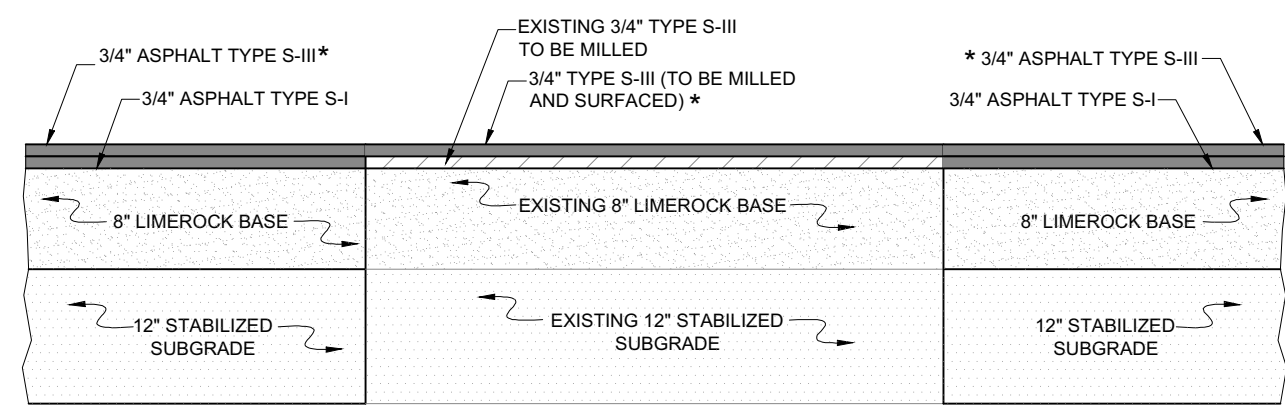
JEREMY H. ARNOLD, P.E.
FL LICENSE NO. 66421

SET NUMBER: 869-200-01

VERTICAL ELEVATIONS BASED ON: NAVD 88

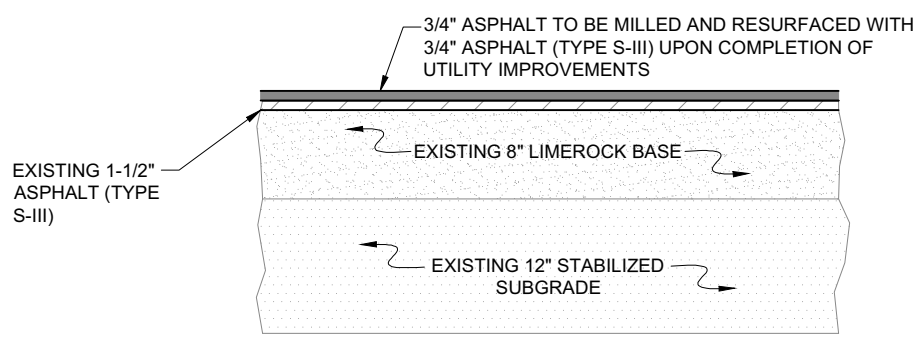
SHEET: 7

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9/14/2022 1:42:18 PM



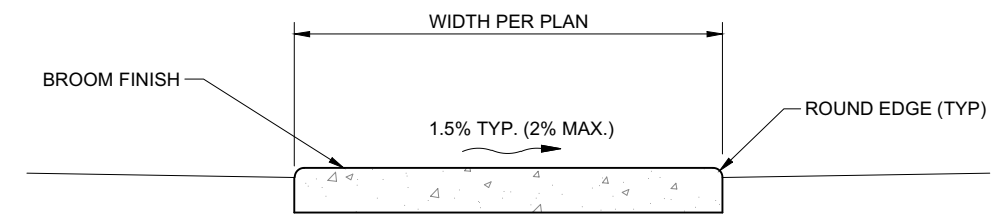
RIGHT OF WAY SECTION
N.T.S.

* NOTE:
FINAL 3/4" LIFT OF TYPE S-III ASPHALT TO BE PAVED OVER ENTIRE 24' ROADWAY



MILLING AND RESURFACING SECTION
N.T.S.

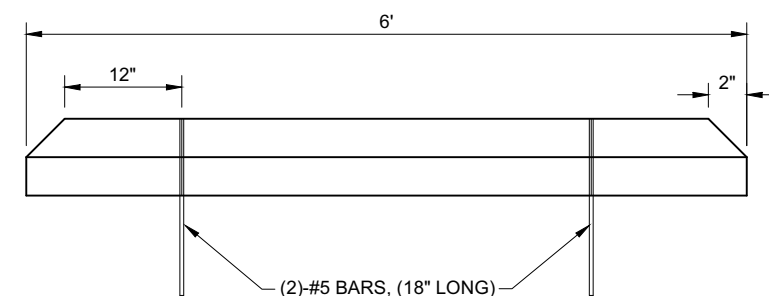
NOTE:
FINAL 3/4" LIFT OF TYPE S-III ASPHALT TO BE PAVED OVER ENTIRE 24' ROADWAY



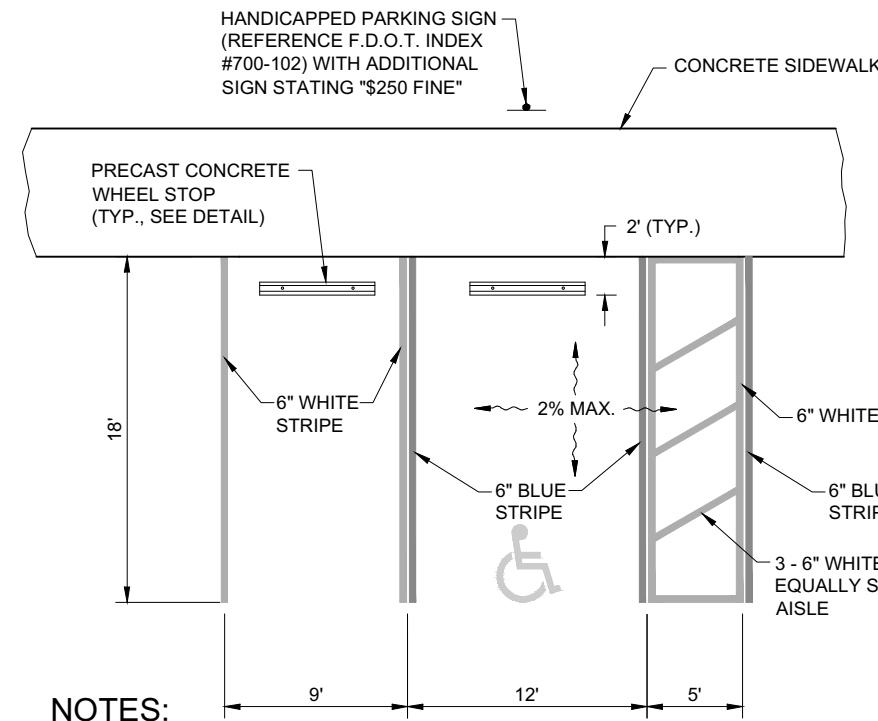
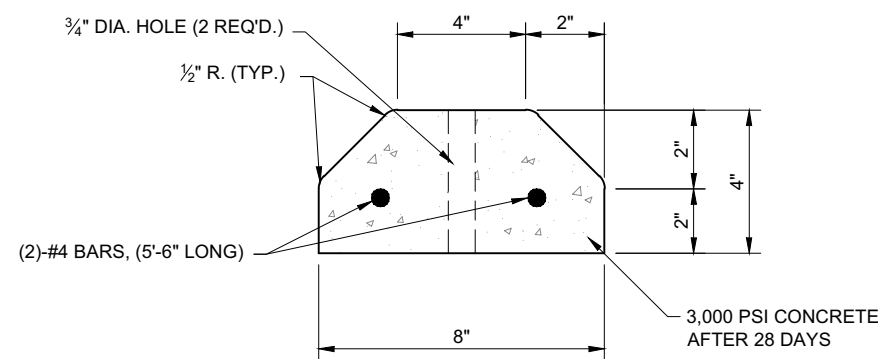
NOTES:

- 1.) SIDEWALK SHALL BE CONSTRUCTED IN CONFORMANCE WITH FDOT STANDARD INDEX 522-001 AND STANDARD SPECIFICATION 522 AND CORRESPONDING STANDARDS.
- 2.) COMPACT FILL AREAS TO MINIMUM 95 % OF AASHTO T99 DENSITY.
- 3.) SIDEWALK SHALL HAVE CONTRACTION JOINTS SPACED EQUALLY TO THE SIDEWALK WIDTH AND HAVE EXPANSION JOINTS EVERY 120' MAXIMUM.
- 4.) CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
- 5.) SIDEWALKS SHALL HAVE A MAXIMUM RUNNING SLOPE OF 1.20 (5%) AND A MAXIMUM CROSS SLOPE OF 1.48 (2%) PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 403.3
- 6.) CURB RAMPS SHALL BE CONSTRUCTED IN CONFORMANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 406 AND 2010 FDOT STANDARD INDEX 522-002.

TYPICAL CONCRETE SIDEWALK DETAIL
N.T.S.



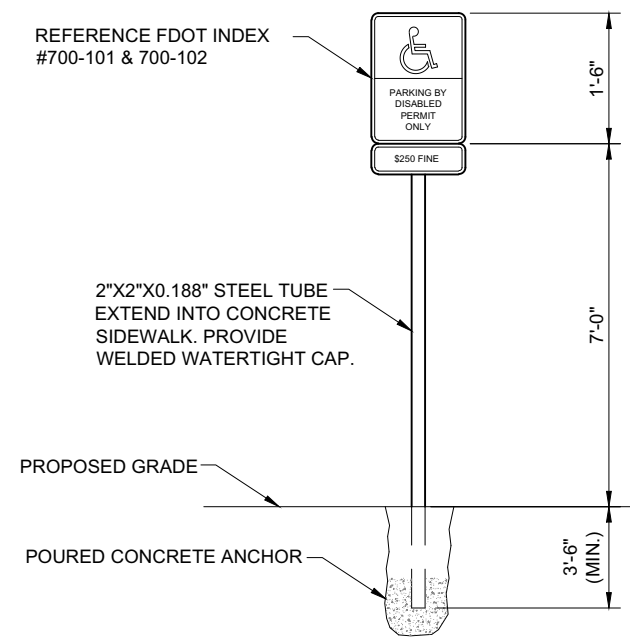
TYPICAL PRECAST CONCRETE WHEEL STOP
N.T.S.



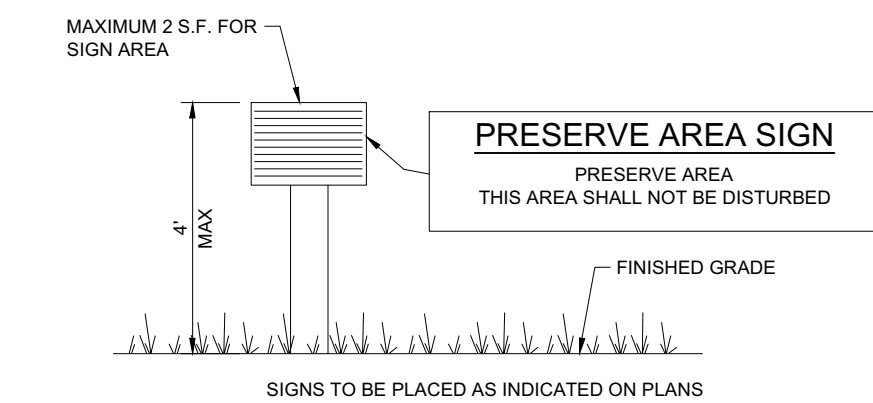
NOTES:

- 1.) ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS PER ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 4.6.

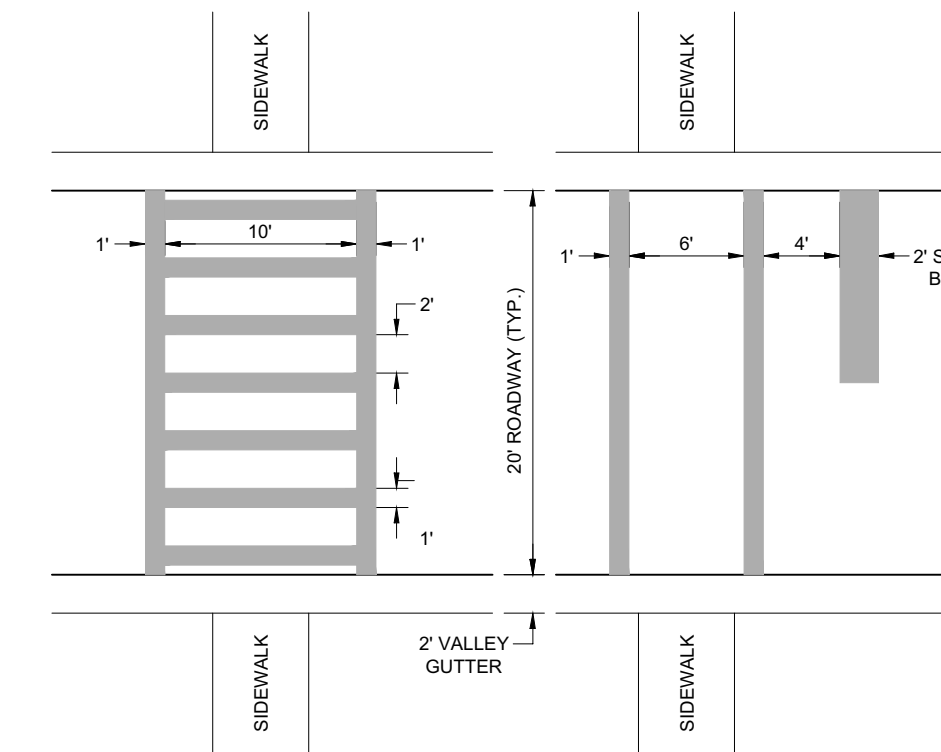
TYPICAL PARKING SPACE DETAIL
N.T.S.



HANDICAPPED PARKING SIGN
(FDOT INDEX #700-102)



PRESERVE SIGN DETAIL
N.T.S.



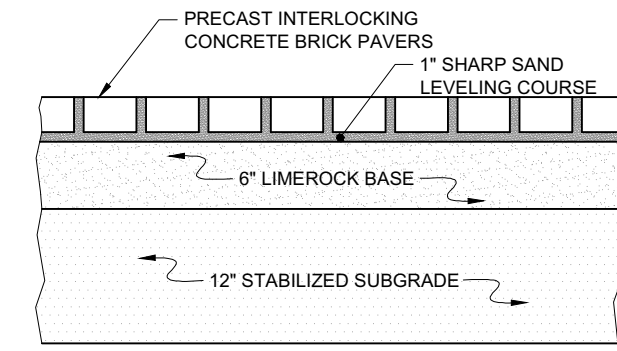
HIGH VISIBILITY

STANDARD
W/ STOP BAR

NOTES:

- 1.) SEE PLANS FOR TYPE OF CROSSWALK STRIPING AND LOCATION.
- 2.) DETAILS REFERENCED F.D.O.T. INDEX NO. 17346 & M.U.T.C.D. SECTION 3B.17
- 3.) CROSSWALKS SHALL HAVE A MAXIMUM RUNNING SLOPE OF 1:20 (5%) AND A MAXIMUM CROSS SLOPE OF 1:50 (2%) PER ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 4.3.

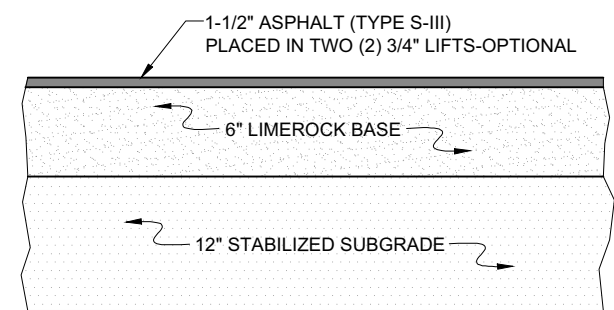
TYPICAL PEDESTRIAN CROSSWALKS
N.T.S.



LIMEROCK & SUBGRADE NOTES:

1. 6" LIMEROCK BASE, PRIMED AND COMPACTED TO 98% OF MAX. DENSITY (DETERMINED BY AASHTO T-180).
2. 12" STABILIZED SUBGRADE (MIN. LBR 40).
3. STABILIZED SUBGRADE TO EXTEND 1 FOOT BEYOND EDGE OF PAVEMENT AND BACK OF CURB.
4. WHEN NO CURB IS PROPOSED LIMEROCK TO EXTEND 6 INCHES BEYOND EDGE OF PAVEMENT.
5. INSTALL PAVER BRICKS PER MANUFACTURERS SPECIFICATIONS.

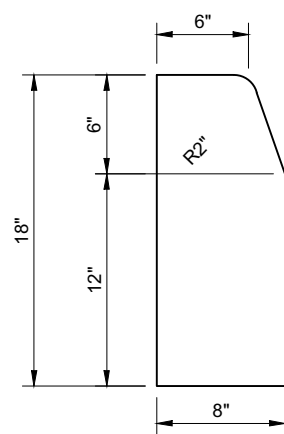
TYPICAL PAVER BRICK SECTION
N.T.S.



LIMEROCK & SUBGRADE NOTES:

- 1.) 6" LIMEROCK BASE, PRIMED AND COMPACTED TO 98% OF MAX. DENSITY (DETERMINED BY AASHTO T-180)
- 2.) 12" STABILIZED SUBGRADE (MIN. LBR 40)
- 3.) STABILIZED SUBGRADE TO EXTEND 1 FOOT BEYOND EDGE OF PAVEMENT AND BACK OF CURB
- 4.) WHEN NO CURB IS PROPOSED LIMEROCK TO EXTEND 6 INCHES BEYOND EDGE OF PAVEMENT

TYPICAL PAVING SECTION
N.T.S.

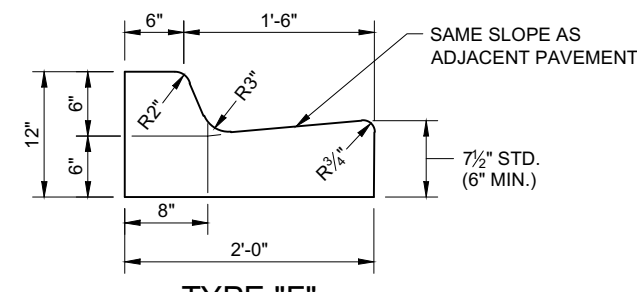


TYPE "D"

CONCRETE CURB NOTES:

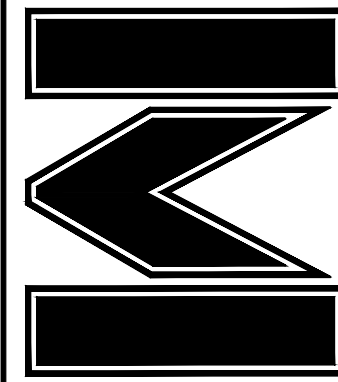
1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 P.S.I. IN 28 DAYS UNLESS OTHERWISE NOTED.
2. CURB SHALL BE CONSTRUCTED IN CONFORMANCE WITH FDOT INDEX 520-001
3. CURB SHALL HAVE EXPANSION JOINTS INSTALLED WITHIN 10' OF EACH SIDE OF INLETS, AND EVERY 500'.
4. AN EXPANSION JOINT WILL BE PLACED AT THE END OF ALL RETURNS AT INTERVALS NOT TO EXCEED 50' WITH CONTRACTION JOINTS AT 10' INTERVALS
5. EXPANSION JOINTS SHALL BE CONSTRUCTED WITH 1/2" BITUMINOUS IMPREGNATED EXPANSION MATERIAL

CURB AND CURB AND GUTTER DETAILS
N.T.S.



TYPE "F"

WALDROP
ENGINEERING



CIVIL ENGINEERING &
LAND DEVELOPMENT CONSULTANTS
28100 BUNTA GRANDE DRIVE - SUITE 205 BUNTA SPRINGS, FL 34135
P: 239-405-7777 F: 239-405-7899 EMAIL: info@waldropengineering.com

ENVIRONMENTAL RESOURCE PERMIT PLANS FOR
FORT MYERS BREWING

COMPANY

CLIENT: 1227 HOLDINGS, LLC

PAVING DETAILS

PLAN REVISIONS	REVISION	SUBMITTED / REV SET	DATE
1	07/05/22	REVISED PER SPWMD COMMENTS	08/12/21

SCALE AS SHOWN

FLORIDA CERTIFICATE OF AUTHORIZATION #8636

JEREMY H. ARNOLD, P.E.
FL LICENSE NO. 66421

SET NUMBER: 869-200-01

VERTICAL ELEVATIONS BASED ON: NAVD 88

SHEET :

8

