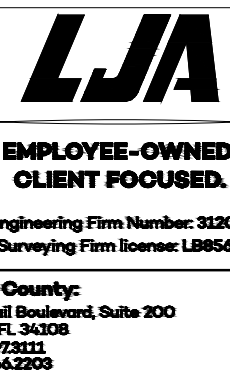


**NOTE:**

SURVEY FROM DAGOSTINO & WOOD, INC.  
JOB NUMBER: 19017  
COMPUTER FILE: 20017.DWG  
SURVEY DATE: 01/23/2020  
SIGNATURE DATE: 01/23/2020

**EXISTING LAND USE SUMMARY:**

	AC.	%
BUILDING AREA	0.075	2.5
VEHICLE USE AREA	0.447	15.0
PATHWAYS/HARDSCAPE	0.270	9.1
CLAY COURTS	0.972	32.7
HARDCOURTS	0.397	13.4
TOTAL IMPERVIOUS AREA	2.161	72.7
OPEN / GREEN SPACE	0.812	27.3
TOTAL PERVIOUS AREA	0.812	27.3
TOTAL SITE AREA	2.973	100



CITY OF MARCO ISLAND  
50 BALD EAGLE DRIVE  
MARCO ISLAND, FL 34145

MARCO ISLAND RACQUET CLUB  
PARKING

EXISTING CONDITIONS &  
DEMOLITION PLAN

DESIGNED BY: LJA

DRAWN BY: MB

CHECKED BY: DAB

REVIEWED BY: JAC

DATE: September 2025

DATUM: NAVD

NO.	DATE	PERSON
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ACAD FILE NAME:

14100 - ME

LJA PROJECT #

25-0127

PLOT VIEW \ LAYOUT

03-EXCON

SHEET

03

OF

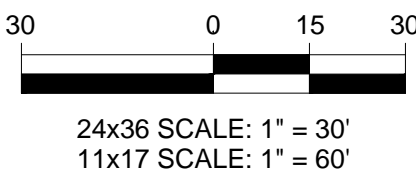
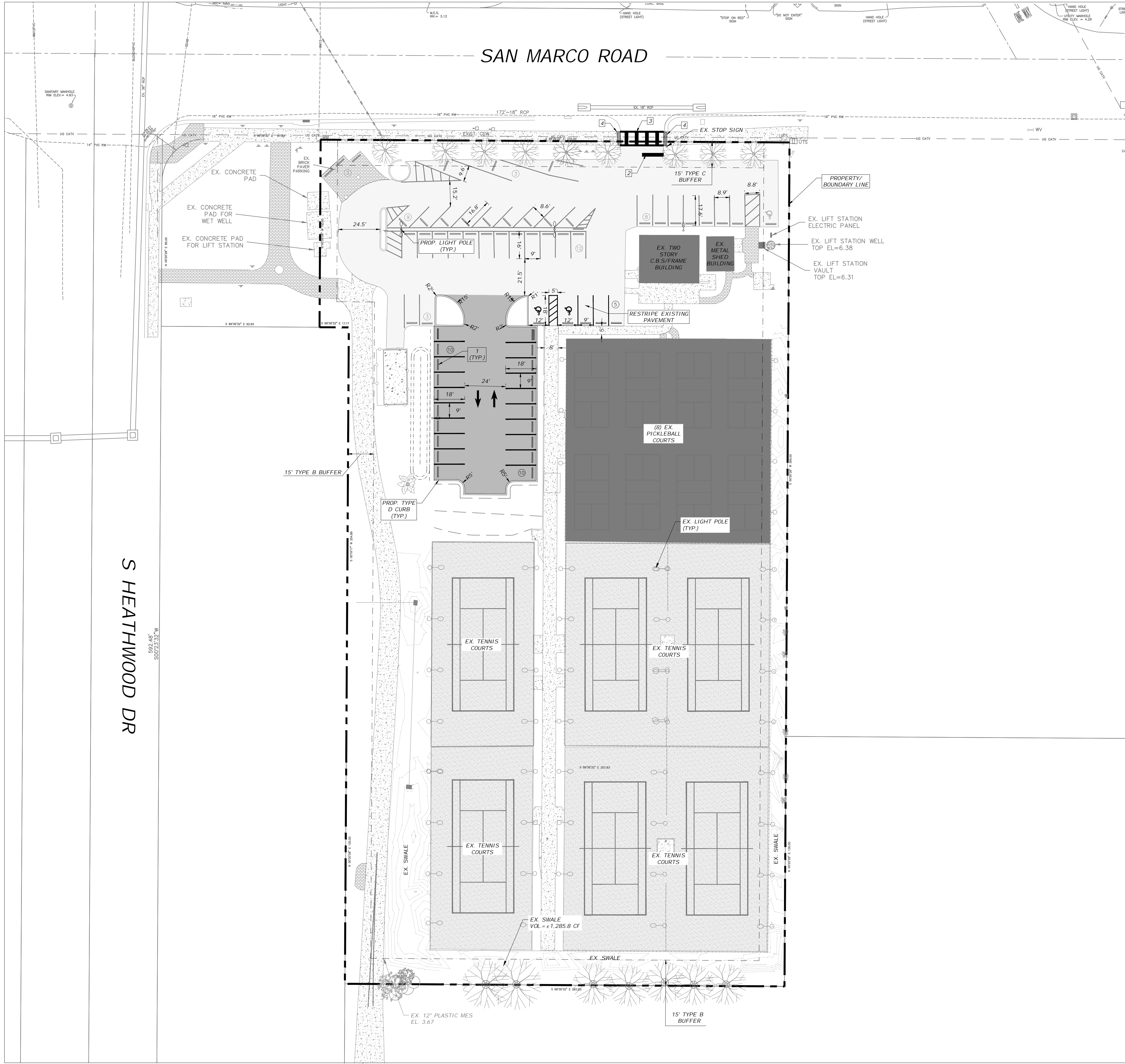
08

ACAD FILE #

14110

DEMOLITION NOTE:  
ITEMS TO BE REMOVED ARE SHOWN IN RED





**NOTE:**

SURVEY FROM DAGOSTINO & WOOD, INC.  
JOB NUMBER: 19017  
COMPUTER FILE: 20017.DWG  
SURVEY DATE: 01/23/2020  
SIGNATURE DATE: 01/23/2020

**PARKING CALCULATIONS:**

LAND USE	CODE RATIO <sup>*1</sup>	SPACES REQUIRED
EX. OFFICE BUILDING (1,914 SF)	1 SPACE / 300 SF	6 SPACES
EX. PICKLEBALL COURTS (8 COURTS)	3 SPACES / COURT	24 SPACES
EX. TENNIS COURTS (6 COURTS)	3 SPACES / COURT	18 SPACES
REQUIRED	TOTAL SPACES <sup>*2</sup>	48 SPACES
PROVIDED	TOTAL SPACES	62 SPACES
	HANDICAP SPACES	3 SPACES

**NOTES:**

- \*1 - PARKING SPACE REQUIREMENT PER MARCO ISLAND LDC SECTION 430-488  
\*2 - HANDICAP PARKING SPACE REQUIREMENT PER MARCO ISLAND LDC SECTION 30-490

**PROPOSED LAND USE SUMMARY:**

	AC.	%
EX. BUILDING AREA	0.030	1.0
VEHICLE USE AREA	0.567	19.0
PATHWAYS/HARDSCAPE	0.270	9.1
EX. CLAY COURTS	0.972	32.7
EX. HARCOURTS	0.329	11.1
TOTAL IMPERVIOUS AREA	2.168	72.9
OPEN / GREEN SPACE	0.805	27.1
TOTAL PERVIOUS AREA	0.805	27.1
TOTAL	2.973	100

**LEGEND**

- PARKING BUMPER  
(SEE DETAIL SHEET 07)
- WHITE STOP BAR (4' BEHIND  
CROSSWALK WHERE APPLICABLE)
- 6' WIDE SPECIAL EMPHASIS CROSSWALK  
W/ 12" WHITE & 24" WHITE SPACED  
6' O.C.  
(PER FDOT INDEX 711-001)
- ADA DETECTABLE WARNING  
PER FDOT INDEX 522-001 & 002
- PARKING COUNT

**HATCHING LEGEND:**

	EXISTING BUILDING
	EXISTING CONCRETE
	EXISTING BRICK PAVER
	EXISTING ASPHALT
	EXISTING CLAY TENNIS COURTS
	EXISTING PICKLEBALL COURTS
	PROP. ASPHALT



EMPLOYEE-OWNED.  
CLIENT FOCUSED.

Engineering Firm Number: 32300  
Surveying Firm License: LB8549

Collier County:  
2400 Hall Boulevard, Suite 300  
Naples, FL 34108  
P: 239.497.1211  
F: 239.497.1200

CITY NAME:  
**CITY OF MARCO ISLAND**  
PROJECT NAME:  
**MARCO ISLAND RACQUET CLUB  
PARKING**  
DRAWING TITLE:  
**MASTER SITE PLAN**

PROJECT NAME:  
**MARCO ISLAND RACQUET CLUB  
PARKING**

DESIGNED BY: LJA

DRAWN BY: MB

CHECKED BY: DAB

REVIEWED BY: JAC

DATE: September 2025

DATUM: NAVD

NO.	DATE	REVISIONS
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49	09/01/25	ISSUED FOR PERMIT
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ACAD FILE NAME:

14100 - ME

LJA PROJECT #

25-0127

PLOT VIEW \ LAYOUT

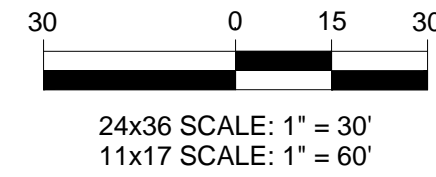
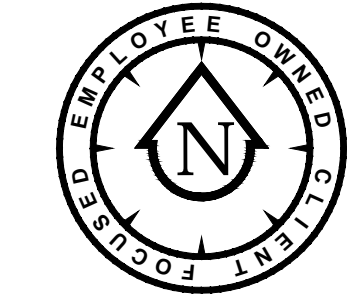
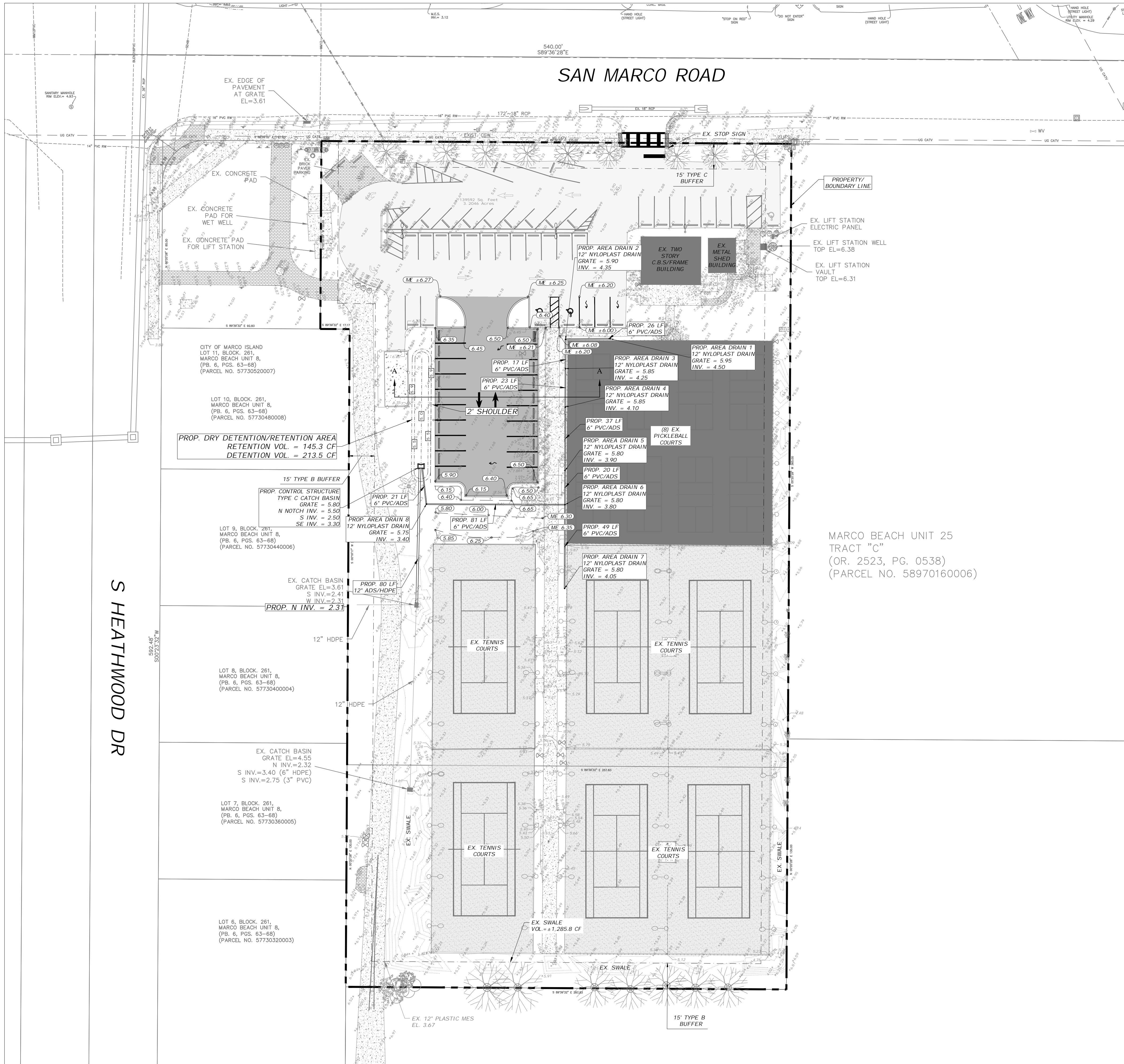
04-SITE

SHEET 04  
OF 08

ACAD FILE #

14110





LEGEND:  
FLOW ARROW

SWFMD SUMMARY TABLE:

FEMA FLOOD ZONE	AE-8
BASE FLOOD ELEV.	8.0 FT-NAVD
MIN. FINISHED FLOOR ELEV.	9.0 FT-NAVD
CONTROL ELEV.	±1.3 FT-NAVD

WATER QUALITY CALCULATION:

OVERALL WATER QUALITY (PRE VS. POST)

REQUIRED WQ VOL:

FIRST 1" RUNOFF FROM SITE  
PROJECT SITE AREA = 2.973 AC  
REQUIRED VOLUME = 1" X 2.973 AC  
= 0.248 AC-FT (10,792 CF)

2.5" TIMES PERCENT IMPERVIOUS

	PRE	POST
PROJECT SITE AREA (AC)	2.973	2.973
IMPERVIOUS AREA (AC)	2.161	2.176
% IMPERVIOUS	72.7%	73.2%
2.5" X % IMPERVIOUS (IN)	1.82	1.83
REQUIRED VOLUME (AC-FT)	0.450	0.453
CF	19,611	19,747

CONTROLLING WQ VOL (AC-FT) = 0.450 0.452  
75% FOR DRY DETENTION (AC-FT) = 0.338 0.339  
ADDITIONAL 50% VOL (AC-FT) = 0.506 0.508  
ADDITIONAL WQ VOL. REQUIRED FOR POST > PRE = 0.002 AC-FT (71 CF)

PROVIDED WQ VOL:

PROVIDED IN PROP. DRY DETENTION AREA = 0.005 AC-FT (213.5 CF)  
NOTE: DETENTION STORAGE DEPTH FROM ELEV. 5.50 TO 5.80 FT-NAVD

PRE-TREATMENT VOLUME

REQUIRED PRE-TREATMENT VOL:

FIRST 1/2" OF ADDITIONAL IMPERVIOUS AREA  
ADDITIONAL IMPERVIOUS AREA = 0.007 AC  
REQUIRED VOLUME = 1/2" X 0.007 AC  
= 0.0003 AC-FT (13 CF)

PER NUTRIENT LOADING ANALYSIS  
SEE NUTRIENT ANALYSIS IN REPORT FOR DETAILS  
REQUIRED VOLUME = 0.001 AC-FT (44 CF)

CONTROLLING PRE-TREATMENT VOL. = 0.001 AC-FT (44 CF)

PROVIDED PRE-TREATMENT VOL:

PROVIDED IN PROP. DRY RETENTION AREA = 0.003 AC-FT (145.3 CF)  
NOTE: RETENTION STORAGE DEPTH FROM ELEV. 5.00 TO 5.50 FT-NAVD

HATCHING LEGEND:

[Pattern]	EXISTING BUILDING
[Pattern]	EXISTING CONCRETE
[Pattern]	EXISTING BRICK PAVEMENT
[Pattern]	EXISTING ASPHALT
[Pattern]	EXISTING CLAY TENNIS COURTS
[Pattern]	EXISTING PICKLEBALL COURTS
[Pattern]	PROP. ASPHALT
[Pattern]	PROP. ASPHALT OVERLAY

MARCO BEACH UNIT 25  
TRACT "C"  
(OR. 2523, PG. 0538)  
(PARCEL NO. 58970160006)

CITY OF MARCO ISLAND  
50 BALD EAGLE DRIVE  
MARCO ISLAND, FL 34145

MARCO ISLAND RACQUET CLUB  
PARKING

ENGINEERING PLAN

DESIGNED BY: LJA

DRAWN BY: MB

CHECKED BY: DAB

REVIEWED BY: JAC

DATE: September 2025

DATUM: NAVD

ACAD FILE NAME:

14100 - ME

LJA PROJECT #

25-0127

PLOT VIEW \ LAYOUT

05-ENGLAN

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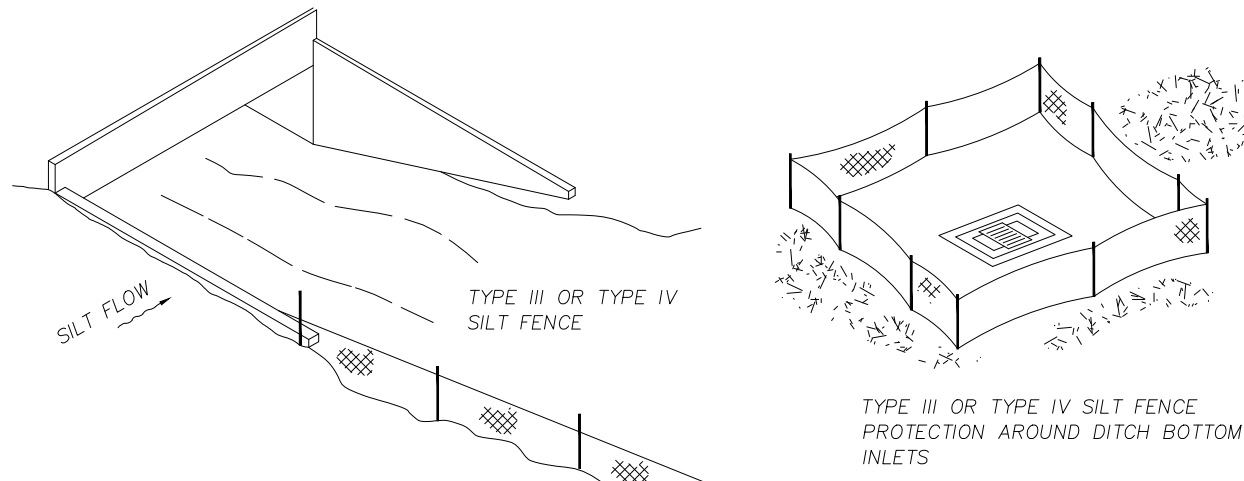
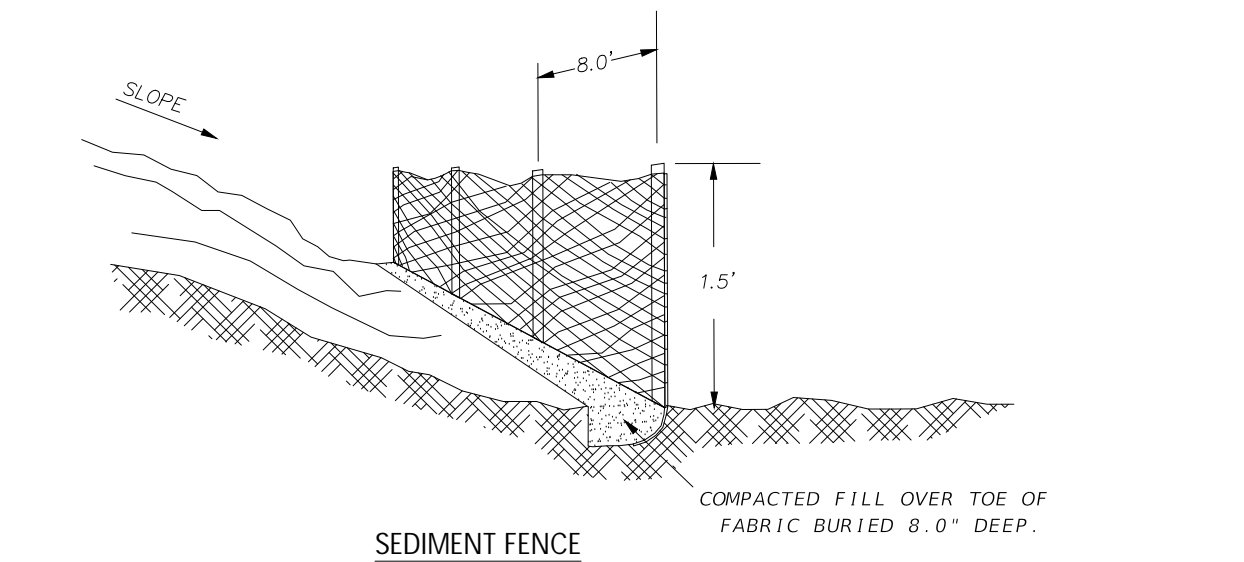
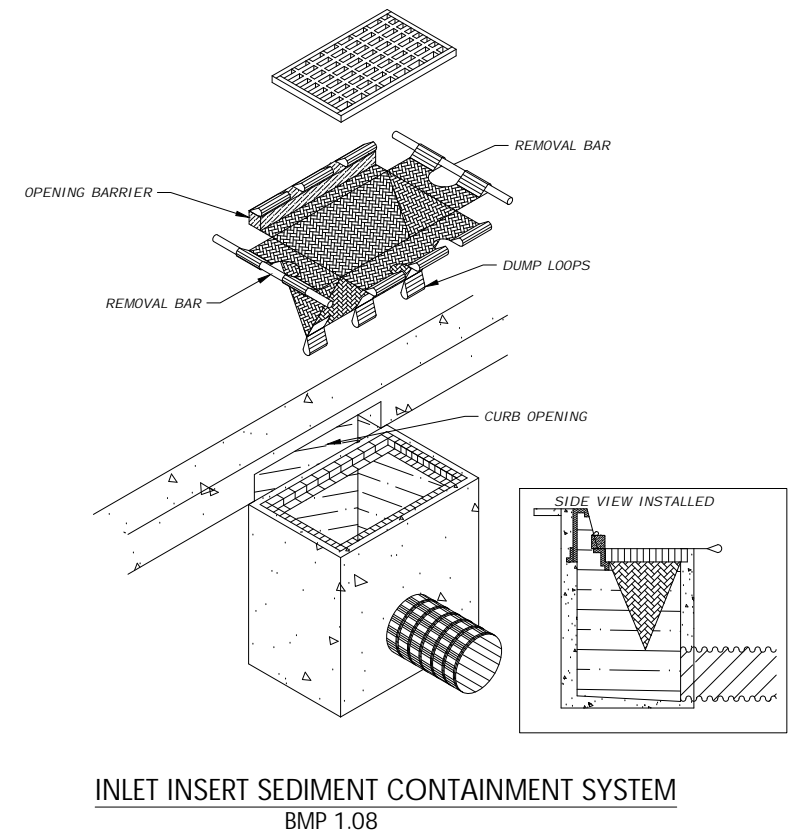
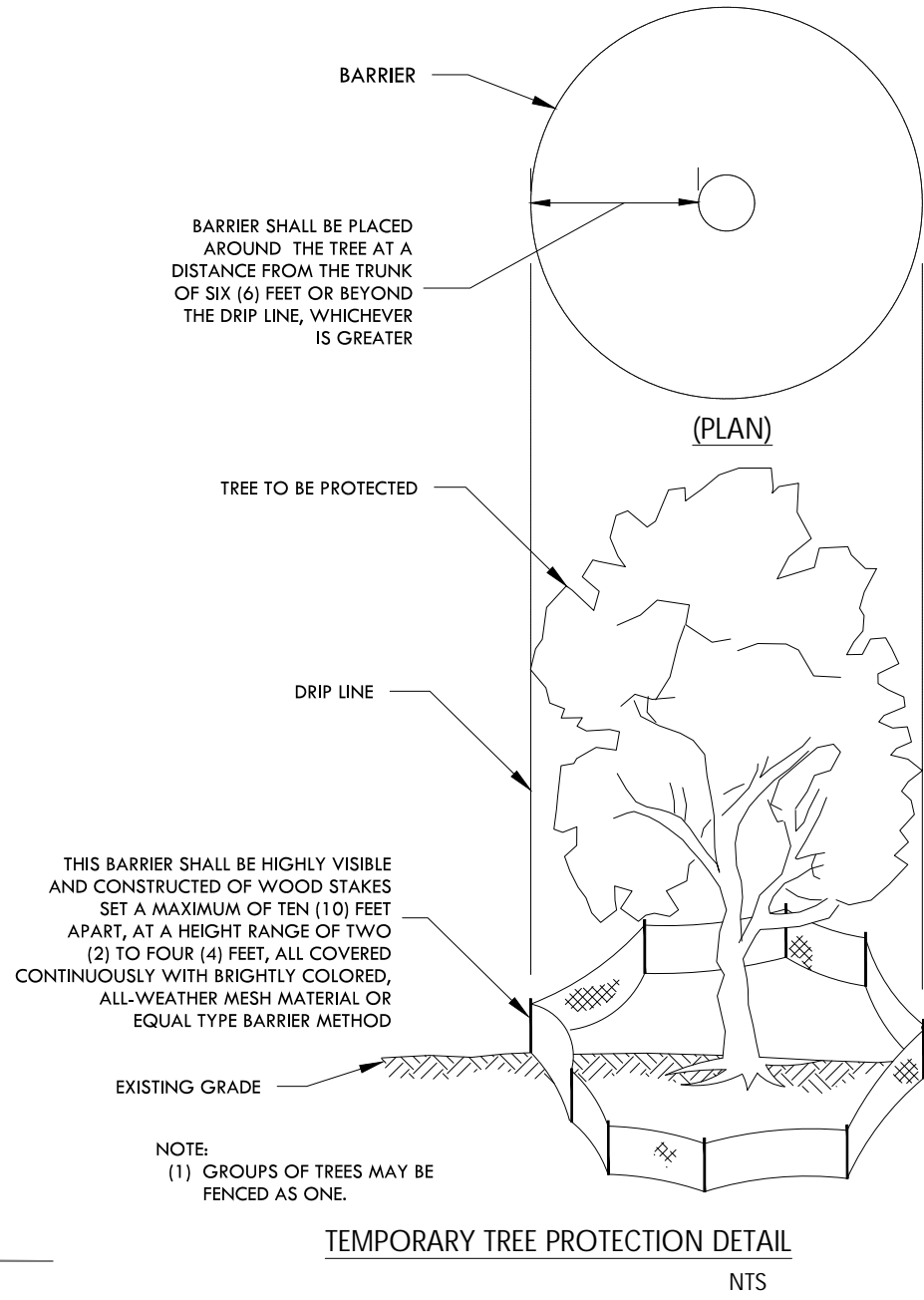
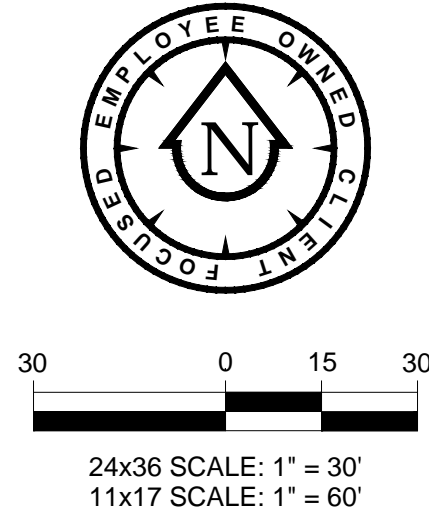
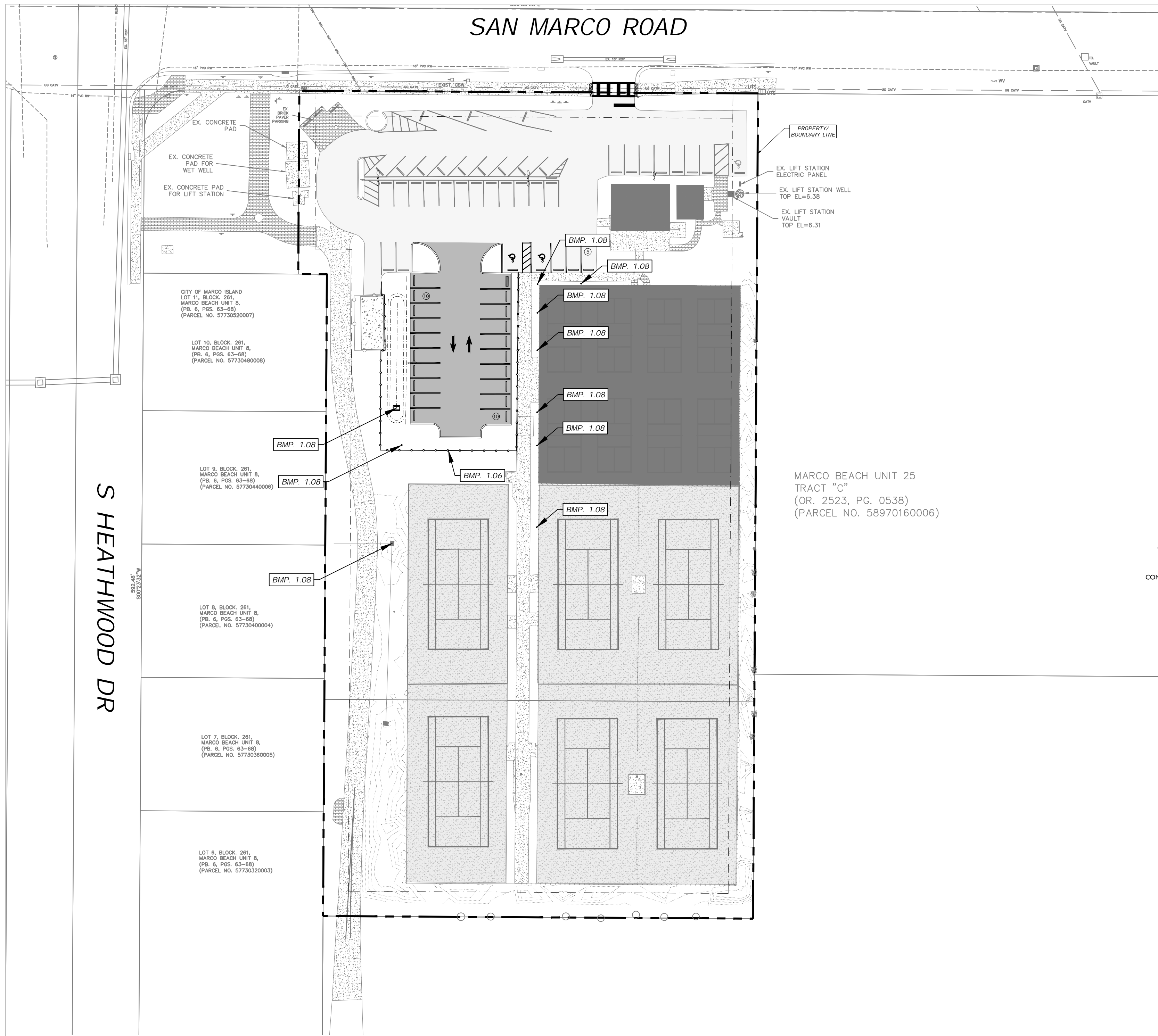
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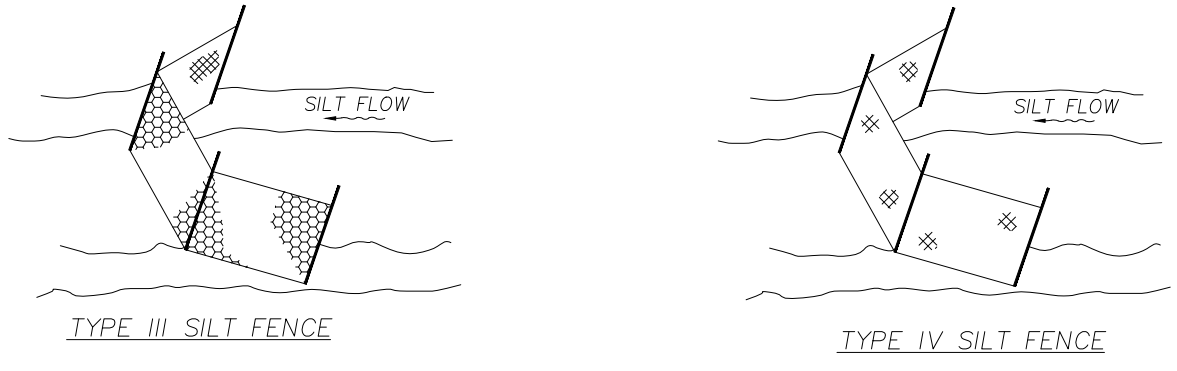
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DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.



NOTE: SPACING FOR TYPE III AND TYPE IV FENCES TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3.

SILT FENCE APPLICATIONS

**EMPLOYEE-OWNED.  
CLIENT FOCUSED.**

Engineering Firm Number: 31200  
Surveying Firm License: LB8549

**Collier County:**  
2400 Intl Boulevard, Suite 200  
Naples, FL 34108  
P: 239.497.1311  
F: 239.497.1300

**CITY OF MARCO ISLAND**  
**MARCO ISLAND RACQUET CLUB**  
**PARKING**

**CITY OF MARCO ISLAND**  
**50 BALD EAGLE DRIVE**  
**MARCO ISLAND, FL 34145**

CLIENT NAME:

PROJECT NAME:

DESIGNED BY: LJA

DRAWN BY: MB

CHECKED BY: DAB

REVIEWED BY: JAC

DATE: September 2025

DATUM: NAVD

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ACAD FILE NAME:

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LJA PROJECT #

25-0127

PLOT VIEW \ LAYOUT

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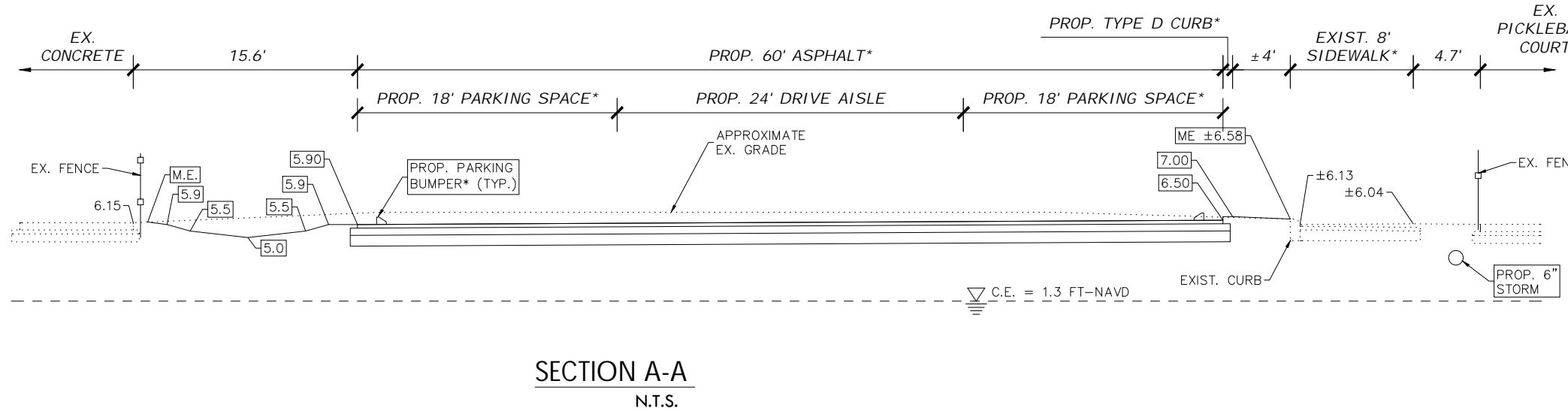
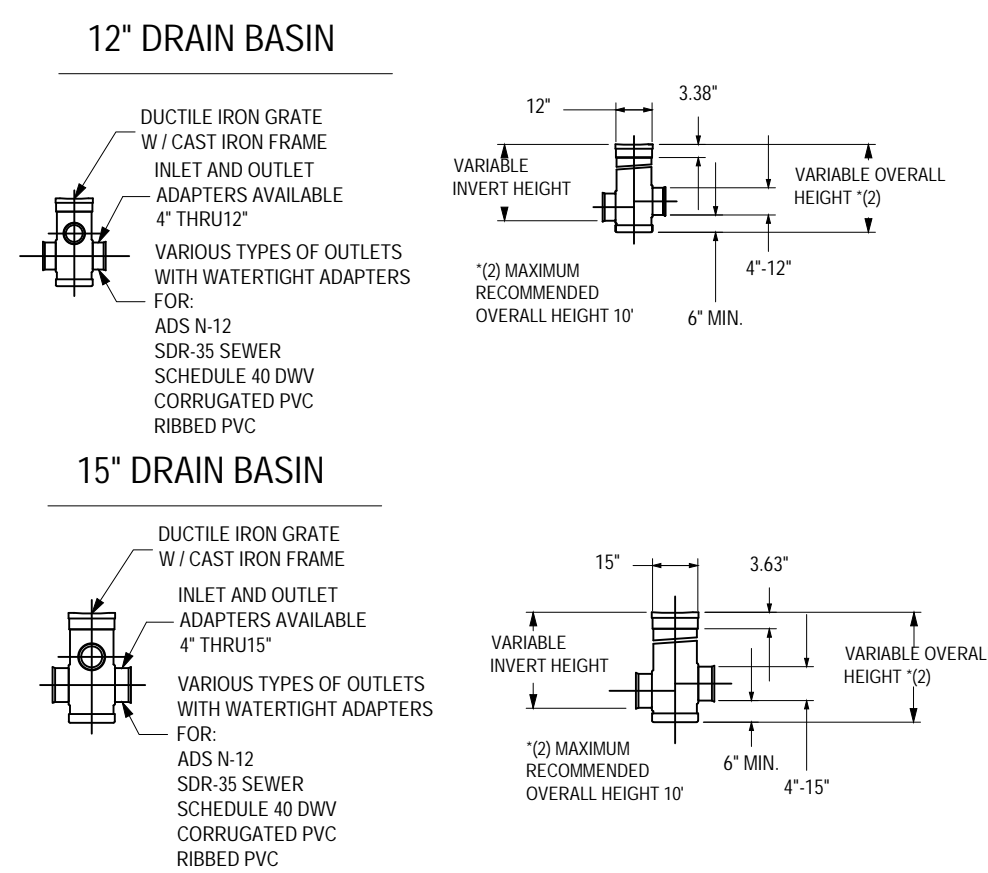
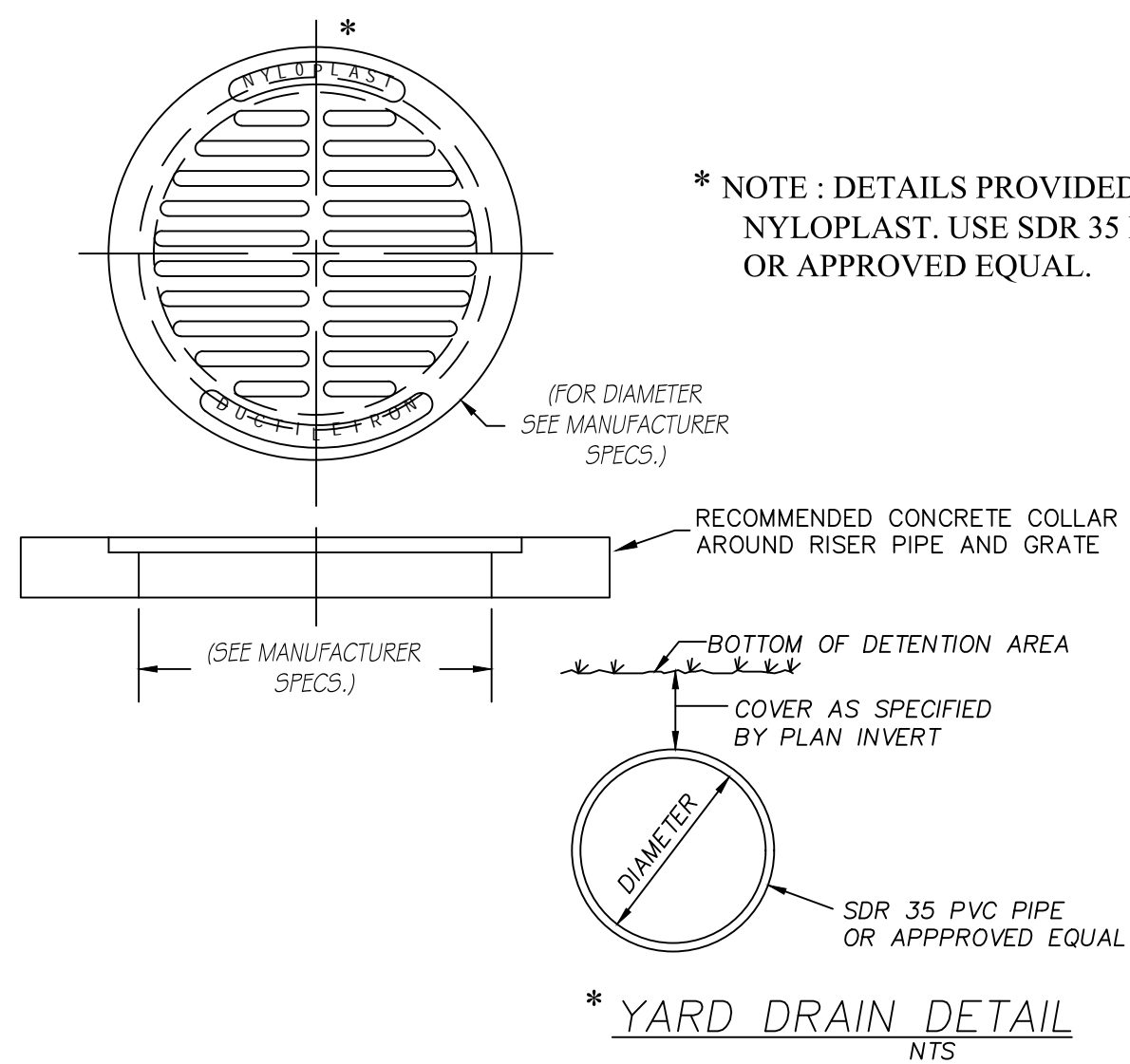
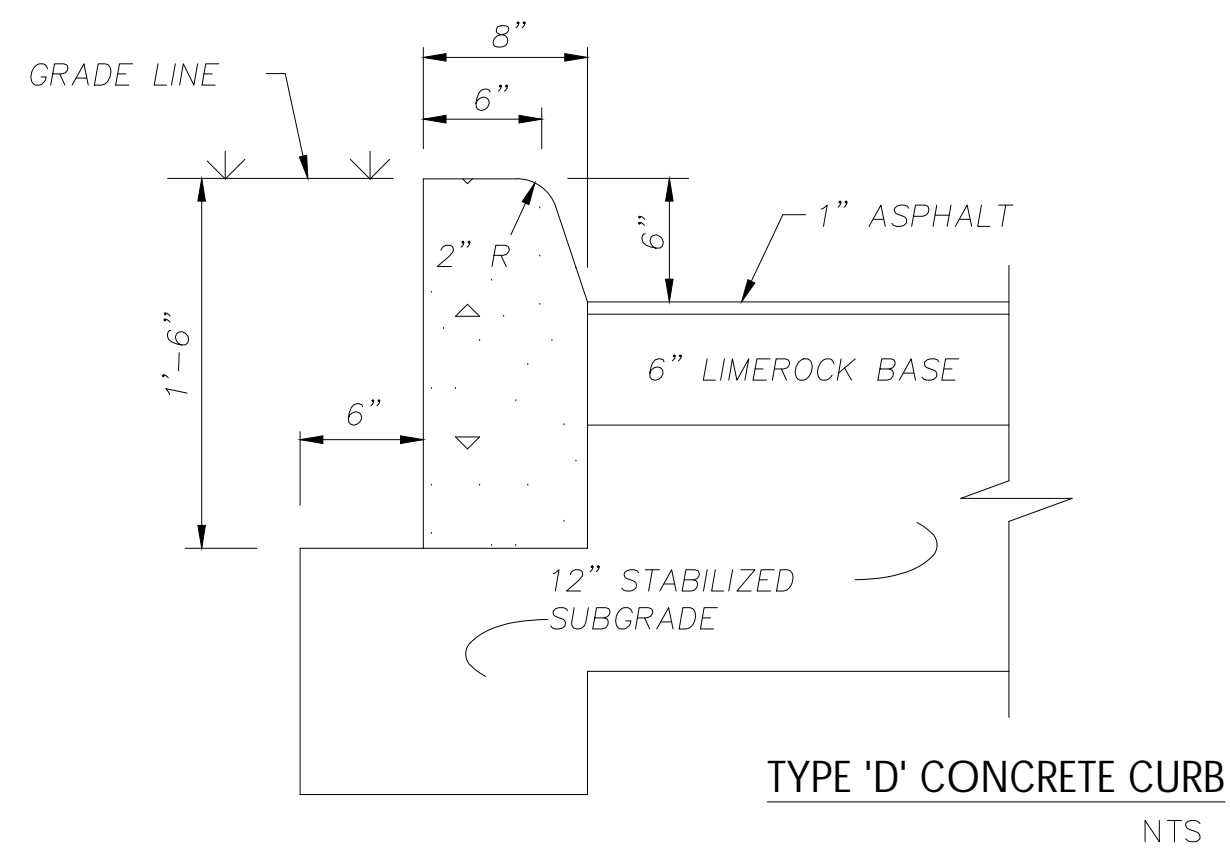
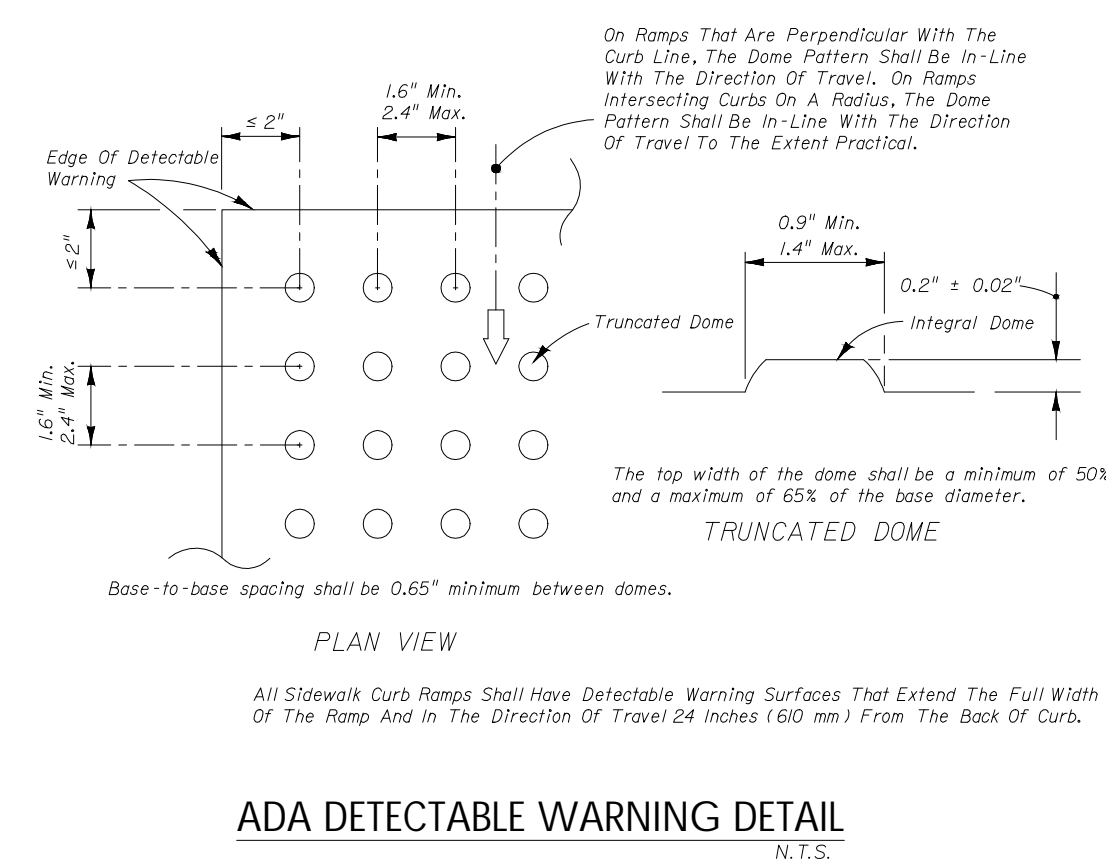
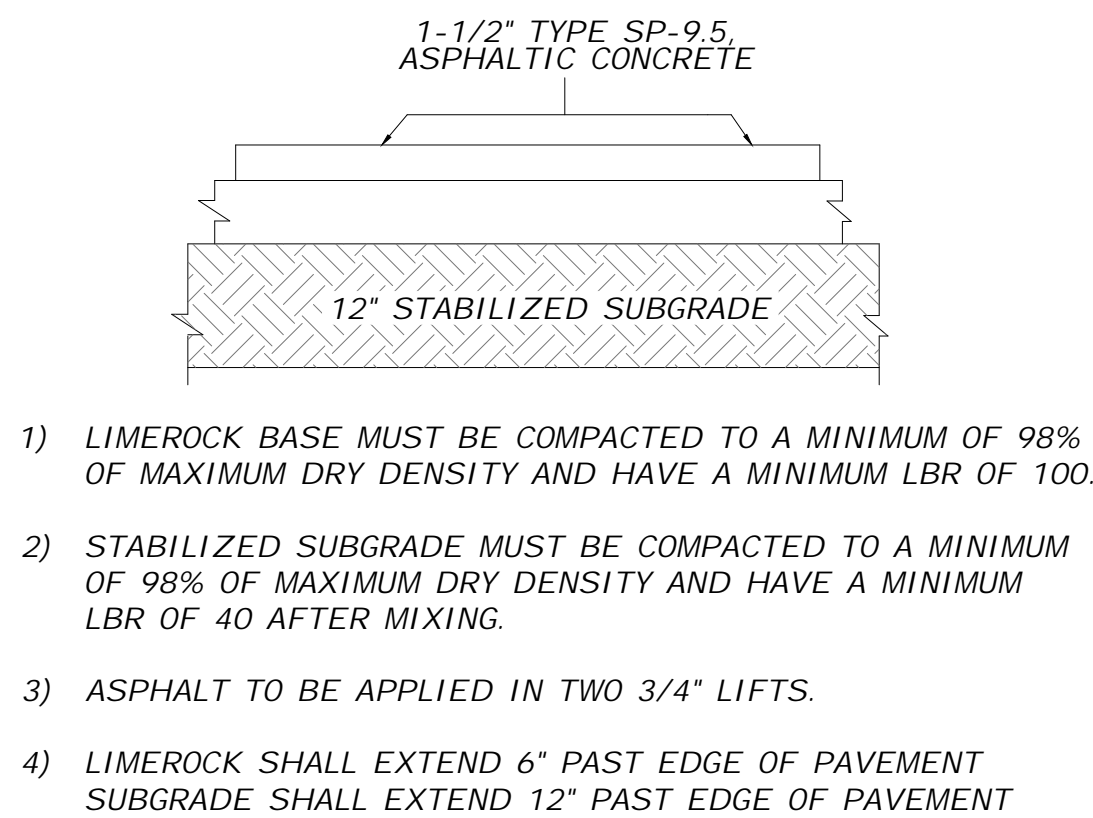
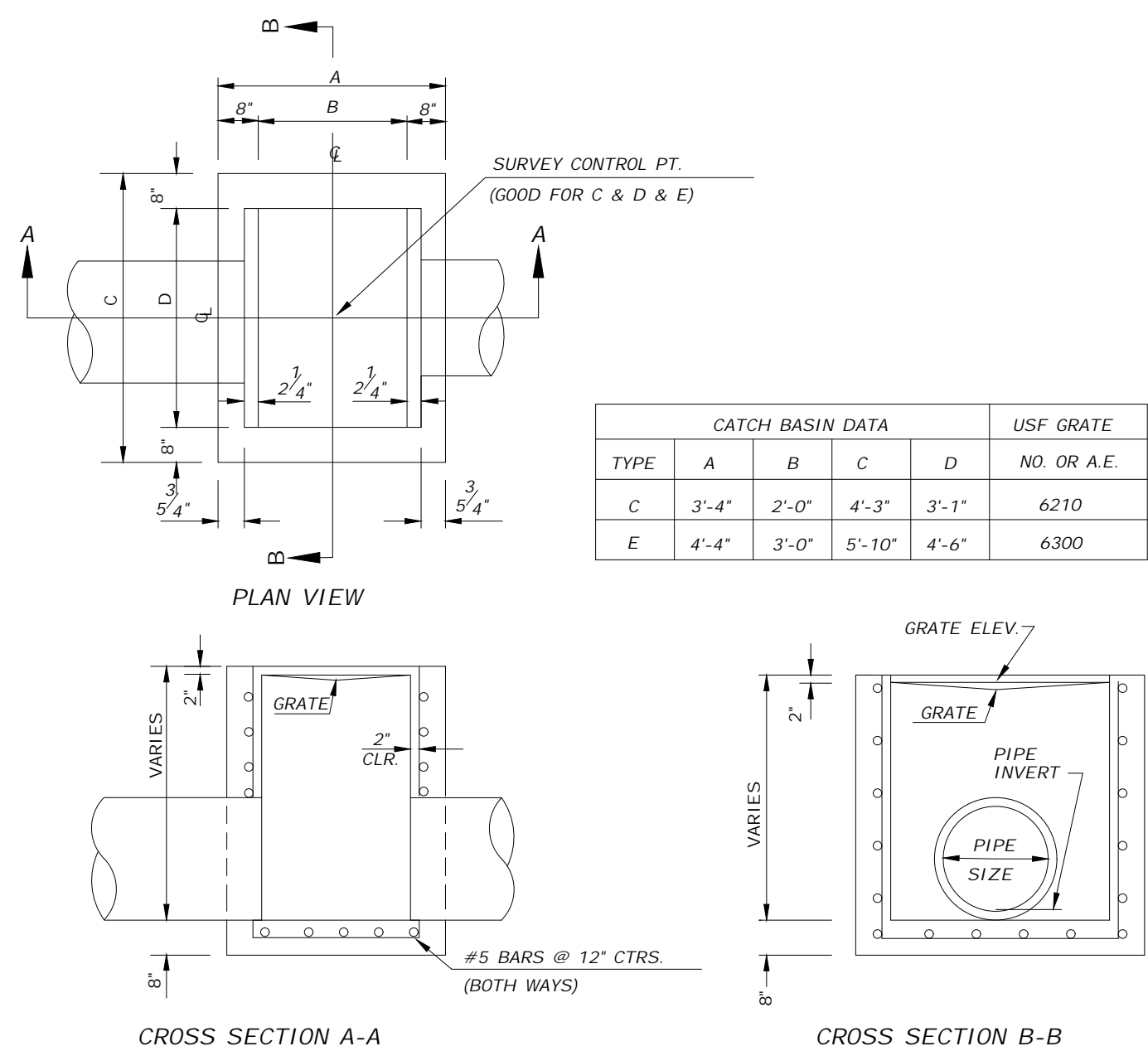
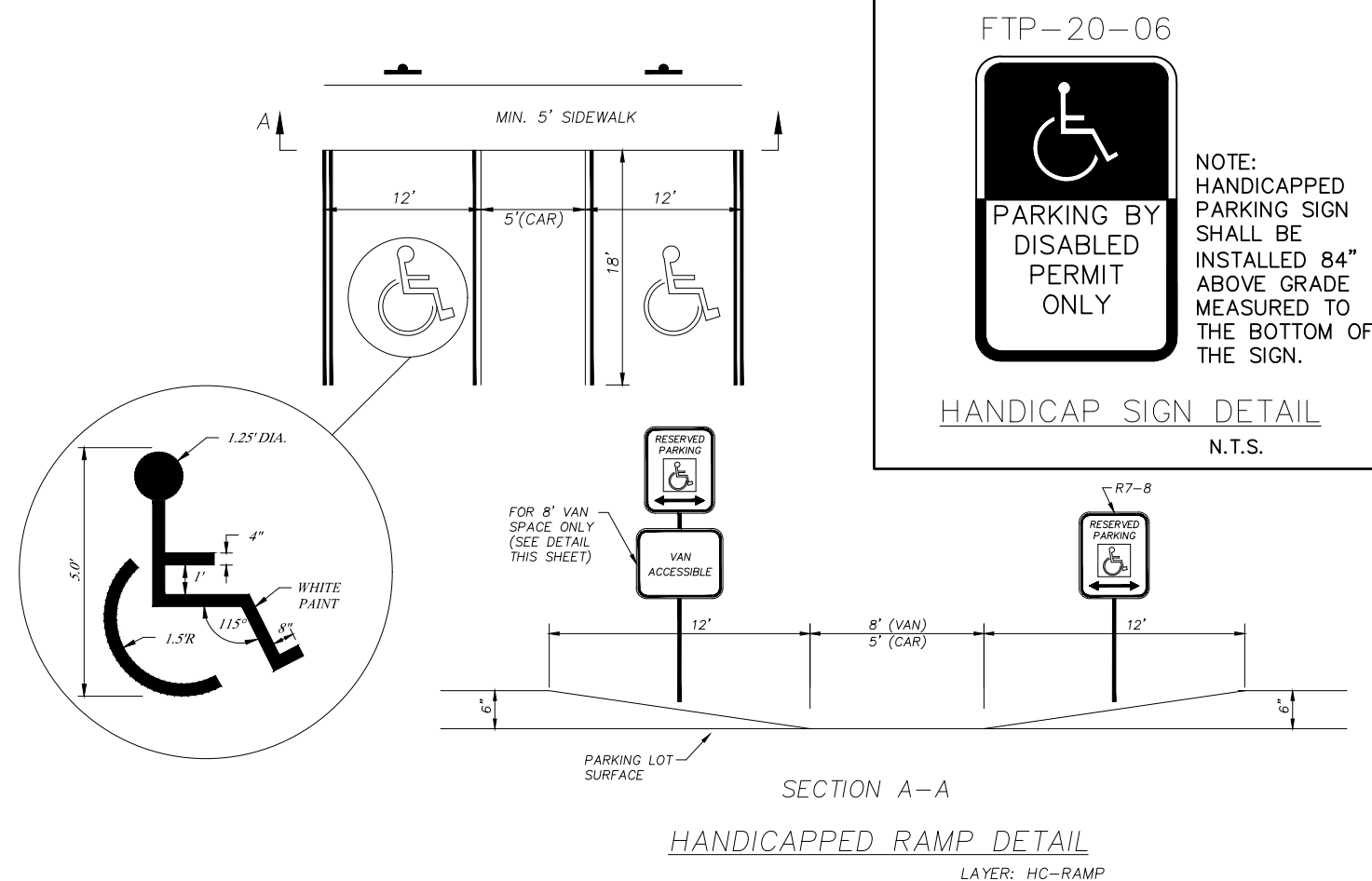
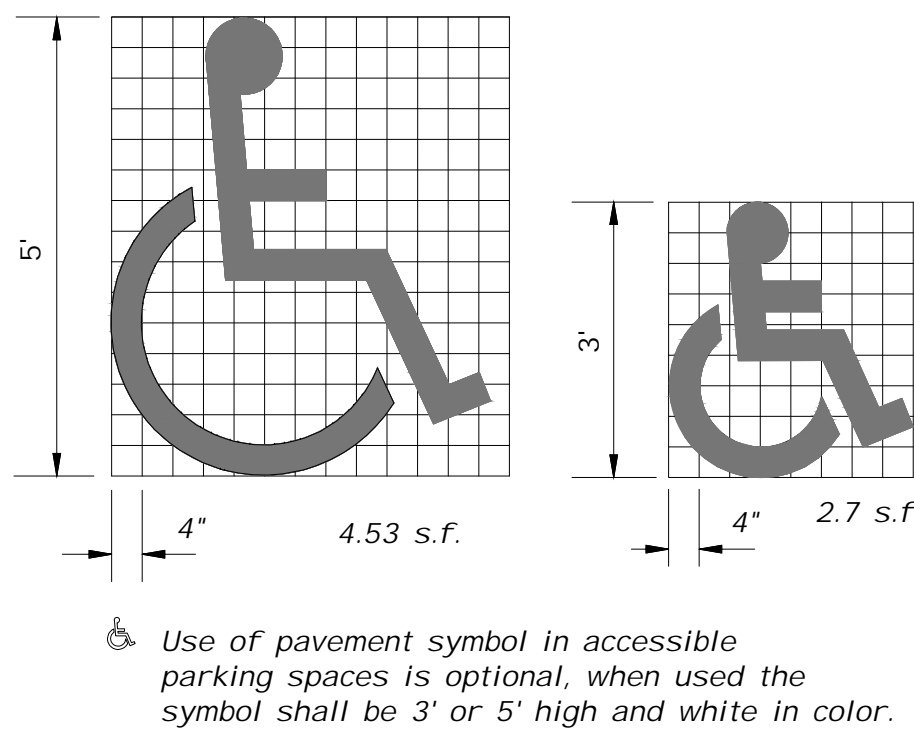
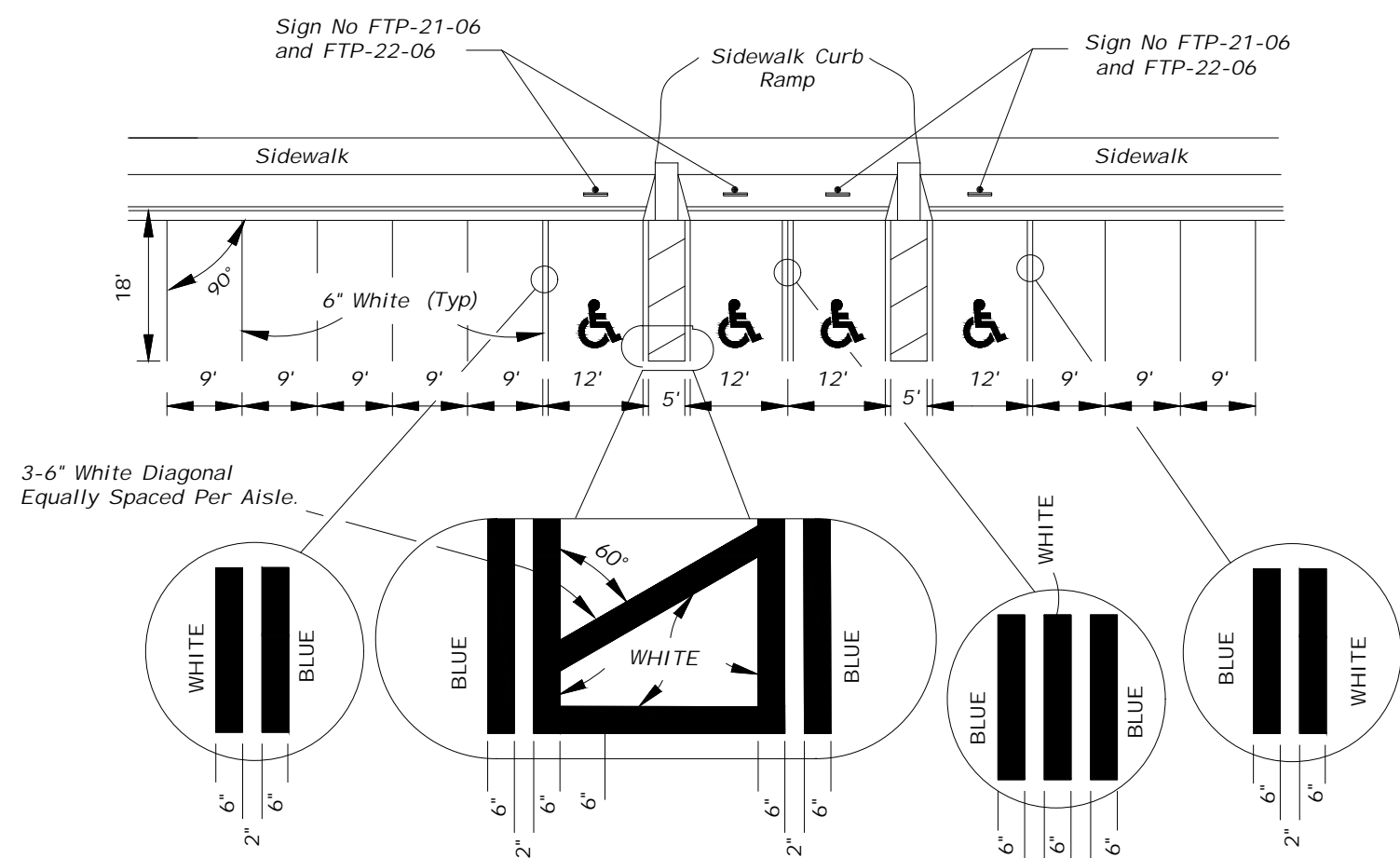
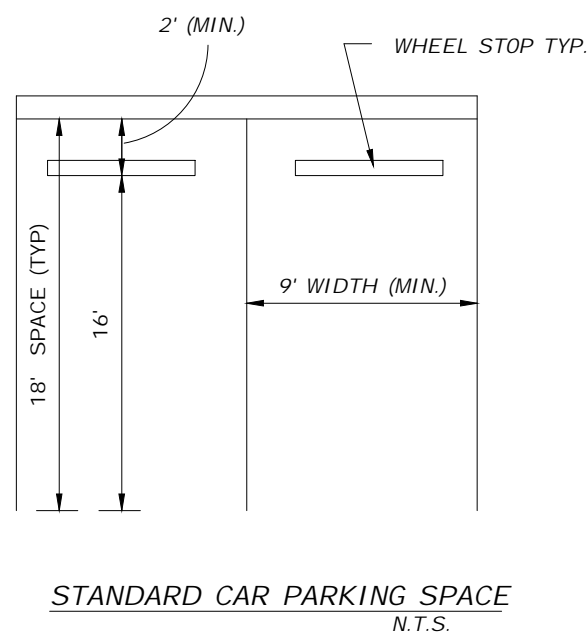
SHEET 06

OF 08

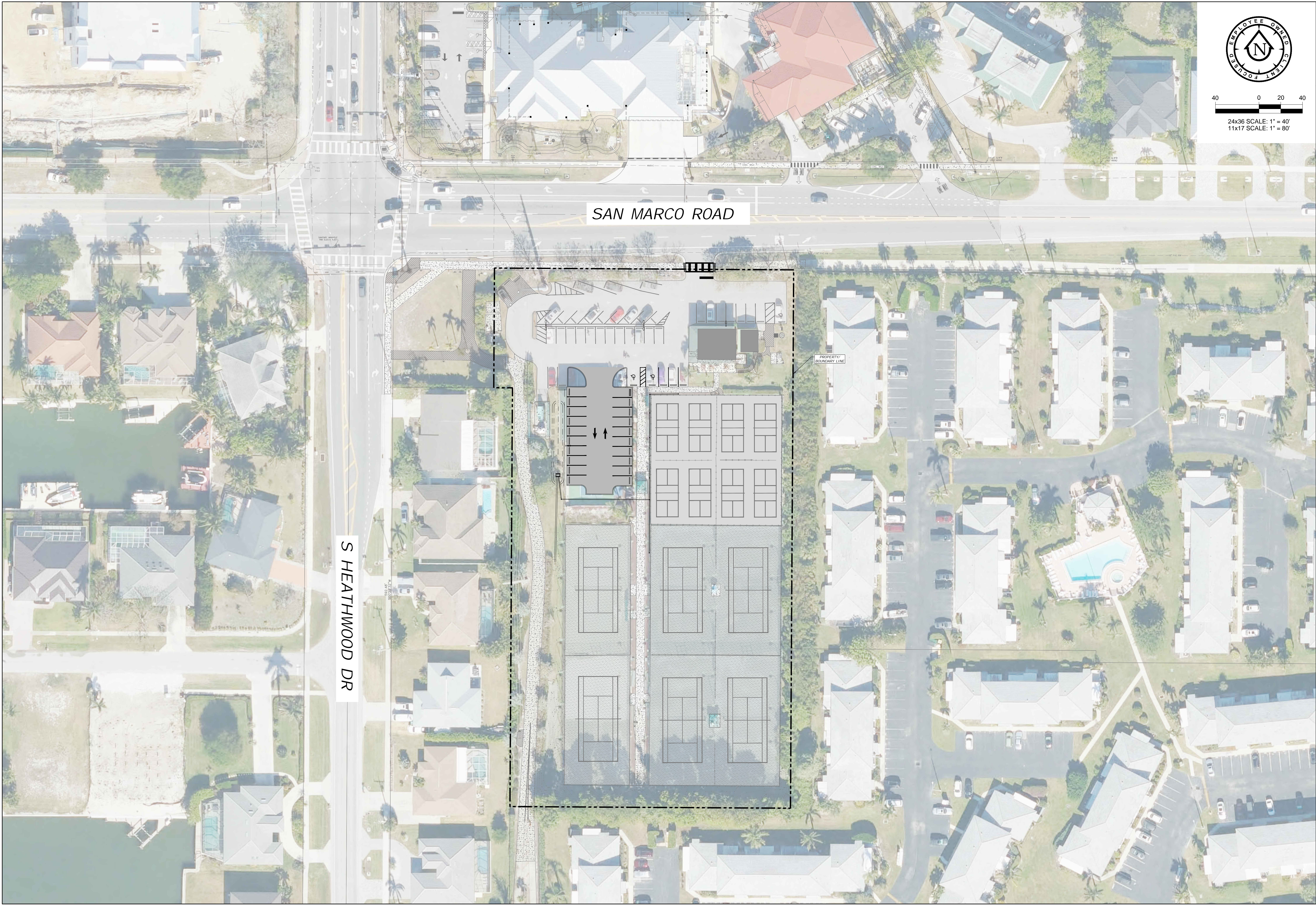
ACAD FILE #


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24x36 SCALE: 1" = 40'  
11x17 SCALE: 1" = 80'



EMPLOYEE-OWNED.  
CLIENT FOCUSED.

Engineering Firm Number: 31200  
Surveying Firm License: LB8549

Collier County:  
3400 Trill Boulevard, Suite 300  
Naples, FL 34109  
P: 239.497.2311  
F: 239.497.2309

CITY OF MARCO ISLAND  
50 BALD EAGLE DRIVE  
MARCO ISLAND, FL 34145

PROJECT NAME:  
MARCO ISLAND RACQUET CLUB  
PARKING

DRAWING TITLE:  
2025 AERIAL OVERLAY

DESIGNED BY: LJA  
DRAWN BY: MB  
CHECKED BY: DAB  
REVIEWED BY: JAC  
DATE, September 2025

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LIA PROJECT #  
25-0127

PLOT VIEW \ LAYOUT  
08-AERIAL

SHEET 08  
OF 08

ACAD FILE #  
14110