

SITE DEVELOPMENT PLAN AMENDMENT (SDPA) FOR:  
**MARCO ISLAND PICKLEBALL CENTER**  
 LOCATED IN SECTION 16, TOWNSHIP 52 SOUTH,  
 RANGE 26 EAST, COLLIER COUNTY, FLORIDA.

OWNER:

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

**REVIEWING AGENCIES**

TELEPHONE:  
 CENTURY LINK  
 6348 NAPLES BLVD  
 NAPLES, FLA. 34109  
 TEL: [239] 596-6200

ENVIRONMENTAL:  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 2295 VICTORIA AVENUE No. 364  
 FT. MYERS, FLA. 34113  
 TEL: [239] 332-6975

SEWER:  
 MARCO ISLAND UTILITIES  
 50 BALD EAGLE DRIVE  
 MARCO ISLAND, FLA. 34145  
 TEL: [239] 394-3880

WATER MANAGEMENT:  
 SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
 2301 MCGREGOR BOULEVARD  
 FORT MYERS, FLA. 33901  
 TEL: [239] 338-2929

POWER:  
 LEE COUNTY ELECTRIC COOPERATIVE, INC.  
 4980 BAYLINE DRIVE  
 NORTH FORT MYERS, FLA. 33917  
 TEL: [239] 656-2300

REFUSE:  
 COLLIER COUNTY WASTE MANAGEMENT  
 3299 TAMiami TRAIL EAST  
 NAPLES, FLA. 34112  
 TEL: [239] 252-8999

FIRE DISTRICT:  
 MARCO ISLAND FIRE DEPARTMENT  
 1280 SAN MARCOS ROAD  
 MARCO ISLAND, FLA. 34142

WATER:  
 MARCO ISLAND UTILITIES  
 50 BALD EAGLE DRIVE  
 MARCO ISLAND, FLA. 34145  
 TEL: [239] 394-3880

PROPERTY ZONING: P, REC

PROPERTY FOLIO NUMBER: 58970160006

LEGAL DESCRIPTION:

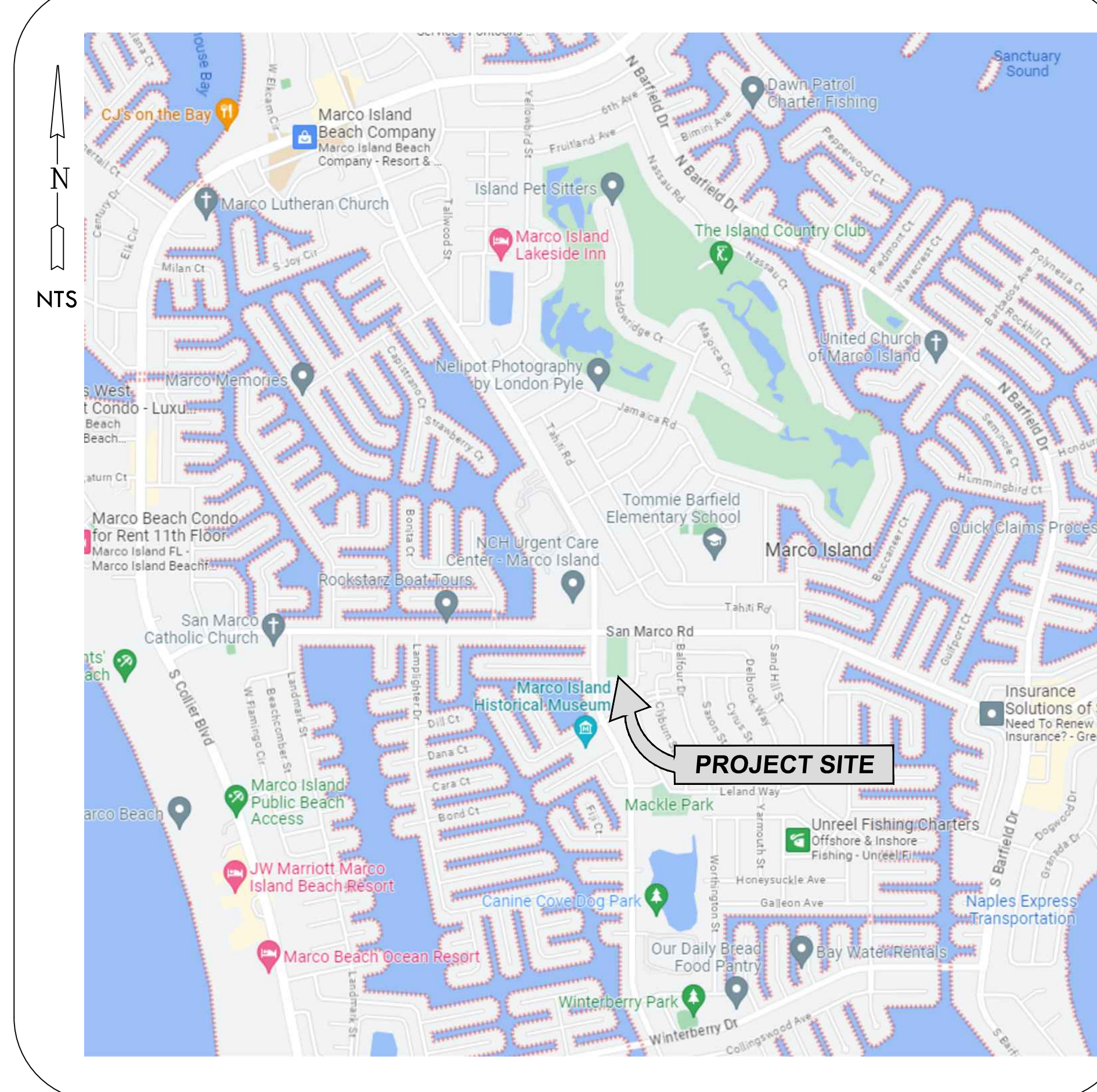
MARCO BCH UNIT 25 THAT PORT OF TR C & THAT PORT OF TR R-A  
 OF REPLAT OF UNIT 25 DESC AS FOLL: BEG NW CNR TR C MARCO  
 BCH UNIT 25, E 275FT ALG S R/W SR-92, S 495FT, W 257.83FT, N  
 385FT, W 17.17FT, N 110FT TO POB OR 917 PG 213

SITE ADDRESS: 1275 SAN MARCO ROAD, MARCO ISLAND, FL 34145

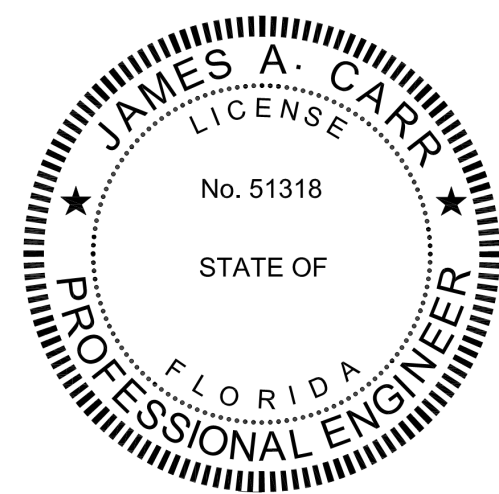
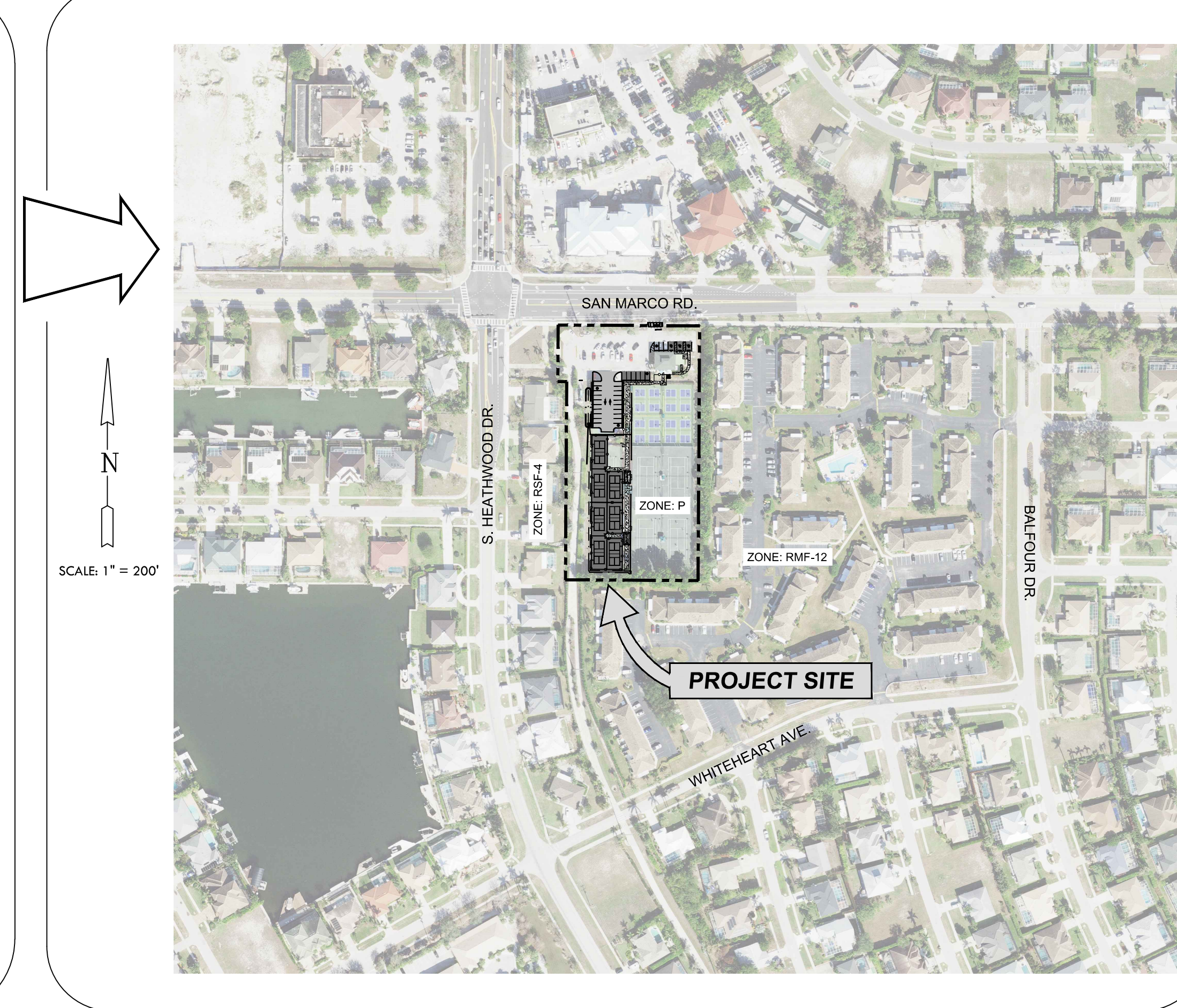
**SHEET INDEX**

SHEET NO.	SHEET TITLE
01	COVER SHEET
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03	EXISTING CONDITIONS & DEMOLITION PLAN
04	SITE, SIGNING & STRIPING PLAN
05	ENGINEERING PLAN
06	SEDIMENT CONTROL PLAN
07	CONSTRUCTION DETAILS
08	2023 AERIAL OVERLAY

**VICINITY MAP**



**LOCATION MAP**



This item has been digitally signed and sealed by James A. Carr, PE, on 08/28/2024 using a Digital Signature.

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



Collier County:  
 3400 West Boulevard, Suite 200  
 Naples, FL 34108  
 P: 239.977.3333  
 F: 239.666.2200

CLIENT NAME:  
 CITY OF MARCO ISLAND  
 50 BALD EAGLE DRIVE  
 MARCO ISLAND, FL 34145

PROJECT NAME:  
 MARCO ISLAND  
 PICKLEBALL CENTER  
 DRAWING TITLE:  
 COVER SHEET

DESIGNED BY: LIA  
 DRAWN BY: TMR  
 CHECKED BY: DAB  
 REVIEWED BY: JAC

DATE: MAY 2024

DATUM: NAVD

NO.	DATE	DESCRIPTION
1	08/07/2024	ISSUED FOR PERMIT REVIEW
2	08/28/2024	CORRECTED NOTES
3	08/28/2024	ISSUED FOR CITY REVIEW
4	08/28/2024	ISSUED FOR CITY REVIEW

ACAD FILE NAME:

13639-CVR

ABB PROJECT #

23-0019

PLOT VIEW \ LAYOUT

01-CVR

SHEET 01

OF 08

ACAD FILE #

13639

**GENERAL NOTES:**

- 1. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT AUTHORIZE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EASEMENTS OF RECORD.
2. ALL HANDICAP PARKING, RAMPS, SIGNING AND STRIPING SHALL COMPLY WITH THE MOST RECENT ACCESSIBILITY REQUIREMENTS MANUAL BY THE DEPARTMENT OF COMMUNITY AFFAIRS, FLORIDA BOARD OF BUILDING CODES AND STANDARDS.
3. PLACEMENT OF ALL ROADWAY SIGNS AND STRIPING SHALL CONFORM WITH THE LATEST M.U.T.C.D. STANDARDS.
4. ALL DIMENSIONS SHOWN REFERENCE THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
5. REFER TO FDOT INDEX 522-001.002 FOR DETECTABLE WARNINGS AND SIDEWALK CURB RAMP DETAIL SPECIFICATIONS. ADA DETECTION MATERIALS SHALL BE ON THE FDOT APPROVED QUALIFIED PRODUCTIONS LIST.
6. EXPANSION JOINTS IN ALL CURBS AND CONCRETE SIDEWALKS PER FDOT STANDARD SPECIFICATIONS BOOK SECTIONS 520 AND 522.
7. THE DISTANCE EXTENDING 5 FEET FROM THE ENTRY DOORS SHALL SLOPE AWAY FROM THE BUILDING AND SUCH SLOPE SHALL NOT EXCEED 2 PERCENT.
8. UNLESS OTHERWISE INDICATED, ALL SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE OF 1 PERCENT, MAXIMUM 2 PERCENT, A MAXIMUM 5 PERCENT SLOPE IN DIRECTION OF TRAVEL, AND THE SLOPE SHALL SHED WATER AWAY FROM THE BUILDING.
9. A PERMIT TO PERFORM WORK AND/OR MAINTENANCE IN PUBLIC RIGHT-OF-WAY IS REQUIRED FOR WORK WITHIN THE ROADWAY R.O.W.
10. ALL PROHIBITED EXOTIC VEGETATION SHALL BE REMOVED FROM THE SITE AND IT SHALL BE MAINTAINED FREE OF EXOTICS IN PERPETUITY.

**CLEARING NOTES:**

- 1. EXOTIC VEGETATION AS DEFINED BY THE CITY OF MARCO ISLAND LAND DEVELOPMENT CODE (LDC), SECTION 30-936, SHALL BE REMOVED FROM THE SITE AND SUBSEQUENT ANNUAL EXOTIC REMOVAL (IN PERPETUITY) SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
2. THE PROPERTY OWNER IS RESPONSIBLE FOR REPLACEMENT OF ALL DEAD LANDSCAPE MATERIAL AND FOR MAINTENANCE OF THE REQUIRED IRRIGATION SYSTEM.
3. SEE LANDSCAPE AND IRRIGATION PLANS FOR ADDITIONAL INFORMATION REGARDING NATIVE TREES TO REMAIN AND/OR REVEGETATION OF NATIVE SPECIES.
4. PRIOR TO COMMENCEMENT OF CONSTRUCTION THE APPLICANT SHALL INSTALL TEMPORARY CONSTRUCTION FENCE (E.G. ENVIROFENCE) ALONG THE LIMITS OF CLEARING OF THE EXISTING VEGETATION TO REMAIN ON SITE. THIS FENCE SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION.

**UTILITIES NOTES:**

- 1. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THE INFORMATION IS NOT GUARANTEED, THEREFORE THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION, AND SHALL HAVE ALL SERVICE LINES (UTS, FPL, WATER, CABLE, SANITARY SEWER AND FORCE MAIN, ETC.) LOCATED AND FLAGGED PRIOR TO EXCAVATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
4. ALL EXISTING DRIVEWAYS, LANDSCAPING, SIGNS, GRASS, ETC. SHALL BE RESTORED TO EQUIVALENT PRECONSTRUCTION CONDITION UNLESS OTHERWISE APPROVED BY THE ENGINEER AND CITY OF MARCO ISLAND.
5. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM (1988) CONVERSION FROM NAVD (88) TO NGVD (29) AS FOLLOWS: NGVD (29) - 1.31' = NAVD (88)
6. THE CONTRACTOR IS REQUIRED TO OBTAIN WRITTEN APPROVAL FROM THE ENGINEER FOR ANY DEVIATIONS FROM THE PLANS AND/OR SPECIFICATIONS.
7. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY REQUIRED PLAN DEVIATIONS.
8. ALL WATER MAINS ARE 8" PVC C900 DR-14 WITH 8"x6" TEES AT ALL HYDRANTS AND SHALL BE PREDOMINANTLY BLUE IN COLOR.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF EXISTING STREETS ADJACENT TO PROJECT AREA. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS.
10. ALL UTILITY CONNECTIONS SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION OF EACH INDIVIDUAL UTILITY LINE.
11. THE UNDERGROUND CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCES OF NATURAL VEGETATION. SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEARED AREAS. THE CONTRACTOR SHALL NOT REMOVE ANY TREES OR SHRUBS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
12. THE 30" MINIMUM TO 48" MAXIMUM COVER REQUIREMENT FOR PROPOSED UTILITIES SHALL BE MEASURED FROM FINISHED GRADES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COVER REGARDLESS OF EXISTING GRADE.
13. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE ENGINEER AND CITY PRIOR TO THE FOLLOWING ACTIVITIES:
A. COMMENCEMENT OF CONSTRUCTION
B. CHANGES TO APPROVED SCHEDULES
C. CONNECTION TO EXISTING UTILITY SYSTEMS
D. THRUST BLOCK INSPECTION
E. UTILITY MAIN PRESSURE TESTING
F. TRENCH AND BACKFILL COMPACTION AND DENSITY TESTING
G. CURB INSTALLATION
H. SUBBASE, BASE AND PAVING OPERATIONS
I. WATER MAIN FLUSHING, CHLORINATION AND BACTERIOLOGICAL TESTING
J. FINAL INSPECTION
14. ALL SANITARY SEWER LATERALS SHALL BE 6" PVC SDR-26 AND HAVE A SLOPE OF 1.04% MINIMUM.
15. ALL GRAVITY SEWER MAINS SHALL BE 8" PVC SDR-26.
16. CONTRACTOR TO CONSTRUCT UTILITIES TO WITHIN 5 FEET OF BUILDING.
17. IF THERE ARE ANY NEW OR RELOCATED WATER MAINS THAT CROSS ANY SANITARY SEWERS, STORM SEWERS, FORCE MAINS, OR RECLAIMED WATER LINES, THE WATER MAINS CROSS ABOVE SUCH PIPELINES WITH A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAINS AND THE OUTSIDE OF SUCH PIPELINES, OR SUCH CROSSINGS ARE ARRANGED SO THAT ALL PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN TEN FEET BETWEEN ANY TWO JOINTS (OR, ALTERNATIVELY, THE SANITARY SEWERS, STORM SEWERS, FORCE MAINS, AND RECLAIMED WATER LINES AT SUCH CROSSINGS ARE PLACED IN SLEEVES OR ENCASED IN CONCRETE TO OBTAIN THE EQUIVALENT OF THE TEN FOOT SEPARATION ON BETWEEN JOINTS); OR DATA JUSTIFYING AN EXCEPTION TO THESE SEPARATION REQUIREMENTS IS ATTACHED IN ACCORDANCE WITH RULE 62-555.31(4)(4), F.A.C.
18. CONTRACTOR SHALL INSTALL 4" 3M ELECTRONIC BALL MARKERS, OR APPROVED EQUAL EVERY 200 LF AND AT EACH PIPE ELBOW LOCATION.
19. FITTINGS SHALL BE USED TO MAINTAIN PLAN ALIGNMENT OF PROPOSED UTILITIES. DEVIATIONS FROM PLAN ALIGNMENT SHALL NOT BE MORE THAN 12". THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS OF ALL FITTINGS, VALVES AND OTHER APPURTENANCES NOT SHOWN ON THESE PLANS.
20. SEE ENCLOSED DETAIL SHEETS FOR CITY OF MARCO ISLAND UTILITY CONSTRUCTION REQUIREMENTS.
21. REFER TO MECHANICAL ENGINEER'S PLAN FOR CONNECTION OF FIRE LINE, WATER SERVICE & SANITARY SEWER LATERAL TO BUILDING.
22. WATER SERVICE CONNECTIONS 2" DIAMETER AND LESS SHALL BE MADE USING TAPPING SADDLES.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING CITY INSPECTIONS, WRITTEN REQUESTS SHALL BE PROVIDED TO THE CITY AT LEAST 48 HOURS PRIOR TO THE FOLLOWING:
A. HOT TAPS TO WATER AND SEWER FACILITIES \*
B. MASTER METER AND BYPASS PIPING
C. JACK AND BORE CASINGS
D. PRESSURE TESTS \*
E. INFILTRATION/ EXFILTRATION TESTS
F. LIFT STATION INSTALLATION, PRIOR TO COVER-UP AND START-UP
G. LIFT STATION START-UP \*
H. LAMPING OF SEWER LINES
I. FLUSHING OF SEWER LINES, FORCE MAINS, WATER MAINS AND EFFLUENT LINES \*
J. TELEVISION VIDEO TAPING OF SEWER LINES AT END OF CONSTRUCTION AND THE WARRANTY PERIOD (\*IN-OFFICE REVIEW)
K. CONFLICT BOX CONSTRUCTION \*
L. CONNECTIONS TO EXISTING WATER AND SEWER FACILITIES \*
M. CASING INSTALLATIONS
N. OTHER SPECIAL REQUIREMENTS AS SPECIFIED BY THE CITY AT THE TIME OF CONSTRUCTION DOCUMENT APPROVAL
O. JACK AND BORES AND DIRECTIONAL BORES. THE CITY MUST BE PRESENT AT THE INSPECTIONS NOTED WITH "\*" ABOVE.
24. THE CITY OF MARCO ISLAND SHALL OWN AND MAINTAIN ALL WATER, SEWER AND IRRIGATION SYSTEMS ON SITE.
25. METERS SHALL READ IN GALLONS, WITH RADIO READ, AND MAIN CASE OF LEAD-FREE HIGH-COPPER ALLOY. WATER METERS SHALL MEET OR EXCEED THE LATEST ANSWA STANDARD C700 STANDARD AND SHALL BE ANS/NSF 61 CERTIFIED. CITY SHALL PROVIDE ALL METERS 2-INCH AND SMALLER. ALL OTHER METERS SHALL BE PROVIDED BY THE OWNER. SEE APPROVED PRODUCT LIST.
26. ALL COSTS AND EXPENSES OF ANY AND ALL REPAIRS, REPLACEMENTS, MAINTENANCE AND RESTORATIONS OF ABOVEGROUND IMPROVEMENTS PERMITTED WITHIN A C.U.E. SHALL BE THE SOLE FINANCIAL RESPONSIBILITY OF THE GRANTOR, ITS SUCCESSORS OR ASSIGNS.
27. EXISTING UTILITY IMPROVEMENTS TO BE ABANDONED IN PLACE SHALL BE PARTIALLY REMOVED, CAPPED OR PLUGGED, FLUSHED CLEAN, AND FILLED WITH GROUT OR FLOWABLE FILL, AS REQUIRED.
28. FIRE LINE TO BE SIZED BY FIRE SPRINKLER ENGINEER.
29. CONTRACTOR SHALL COORDINATE EXISTING UTILITIES WITH CITY OF MARCO ISLAND DURING CONSTRUCTION AND SHALL REVIEW THE PULLBOXES FOR ELEVATION ADJUSTMENTS IF NECESSARY.

**FIRE PROTECTION NOTES:**

- 1. THE FIRE PROTECTION WATER SUPPLY, INCLUDING FIRE HYDRANTS, SHALL BE INSTALLED AND IN SERVICE PRIOR TO PLACING COMBUSTIBLE BUILDING MATERIALS ON SITE.
2. FIRE HYDRANTS SHALL BE MARKED IN A UNIFORM MANNER APPROVED BY THE LOCAL FIRE DISTRICT.
3. FIRE HYDRANTS SHALL BE INSTALLED WITHIN THREE FEET OF THE CURB LINE OF A FIRE LANE, STREET, OR PRIVATE STREET WHEN INSTALLED ALONG SUCH ACCESS WAYS.
4. FIRE HYDRANTS SHALL NOT BE OBSTRUCTED VISUALLY OR FUNCTIONALLY BY VEGETATION. CLEARANCE OF 3 FEET TO SIDES AND REAR AND CLEAR TO STREET SHALL BE MAINTAINED.
5. A SEPARATE PERMIT IS REQUIRED PRIOR TO INSTALLATION OF ANY FIRE LINE.
6. INSTALLATION OF ALL UNDERGROUND FIRE LINES SHALL COMPLY WITH THE MOST CURRENT EDITION OF NFPA 24.
7. UNDERGROUND FIRE LINES SHALL BE INSTALLED BY AN APPROPRIATELY CERTIFIED FIRE SPRINKLER CONTRACTOR OR A TYPE V UNDERGROUND CONTRACTOR AS DEFINED AND OUTLINED IN 633.021, 633.521 AND 633.539 F.S. PRIOR TO ACCUMULATION OF COMBUSTIBLE BUILDING MATERIALS ON SITE. PROPOSED FIRE HYDRANTS MUST BE OPERABLE AND ABLE TO PROVIDE MINIMUM FIRE FLOWS, AND IMPROVED STABILIZED EMERGENCY APPARATUS ACCESS WAYS (MIN. 20' WIDE) MUST BE AVAILABLE TO WITHIN 100' OF STRUCTURES.
8. PER NFPA 24 (CURRENT ED.) 10.4.4, PIPE UNDER DRIVEWAYS SHALL BE BURIED AT A MINIMUM DEPTH OF 3 FT (0.9 M).

**DRAINAGE NOTES:**

- 1. ALL SWALES AND RETENTION AREAS TO BE SODDED WITHIN SEVEN DAYS OF FINAL GRADING.
2. ALL FINAL DRAINAGE STRUCTURE LOCATIONS TO BE APPROVED IN THE FIELD BY THE ENGINEER.
3. ALL PAVEMENT AND SIDEWALKS ADJACENT TO BUILDING AREA SHALL BE CONSTRUCTED WITH SLOPE WHICH WILL SHED WATER AWAY FROM THE BUILDING.
4. SEE ENCLOSED DETAIL SHEET FOR EROSION CONTROL REQUIREMENTS.
5. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED, THEREFORE THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN THE FIELD.
6. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES BEFORE BEGINNING CONSTRUCTION AND SHALL HAVE ALL SERVICE LINES LOCATED AND FLAGGED PRIOR TO EXCAVATION.
7. ALL ROOF DRAINS ARE PVC SDR-26.
8. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES, AND SERVICES.
9. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGED LINES PRIOR TO REPAIR. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
10. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM (1988) CONVERSION FROM NAVD (88) TO NGVD (29) AS FOLLOWS: NGVD (29) - 1.31' = NAVD (88)
11. THE CITY OF MARCO ISLAND SHALL BE RESPONSIBLE FOR OWNERSHIP AND MAINTENANCE OF ALL ON-SITE DRAINAGE AND WATER MANAGEMENT FACILITIES.
12. THE CITY OF MARCO ISLAND SHALL BE RESPONSIBLE FOR OWNERSHIP AND MAINTENANCE OF ALL ON-SITE INFRASTRUCTURE, I.E. OPEN SPACE, PAVED AREAS, ETC.
13. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT AUTHORIZE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EASEMENTS OF RECORD.

**SEDIMENT CONTROL NOTES:**

- 1. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY, APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL THE SURROUNDING AREAS ARE ESTABLISHED.
2. THE FOLLOWING MINIMUM REQUIREMENTS ARE RECOMMENDED: (REFERENCE FLORIDA DEVELOPMENT MANUAL, FDER, PPS 6-301 TO 6-500)
A) BMP 1.01 - TEMPORARY CONSTRUCTION ENTRANCE
B) BMP 1.06 - SILT FENCE
C) BMP 1.08 - STORM INLET DRAIN PROTECTION
3. THESE BEST MANAGEMENT PRACTICES (BMP) ARE TYPICAL OF THE REQUIREMENTS FOR SOIL EROSION CONTROL PER OF THE LAND DEVELOPMENT CODE. THEY MAY NOT CONSTITUTE COMPLETE REQUIREMENTS FOR COMPLIANCE WITH REGULATORY AGENCIES AND SPECIFIC PERMIT CONDITIONS.

**TREE AND VEGETATION PROTECTION NOTES:**

- 1. AREAS TO BE PRESERVED SHALL BE PROTECTED DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES BY PLACING A CONTINUOUS BARRIER AROUND THE PERIMETER OF THE AREA OF VEGETATION TO BE PRESERVED. THIS BARRIER SHALL BE HIGHLY VISIBLE AND CONSTRUCTED OF WOOD STAKES SET A MAXIMUM OF TEN (10) FEET APART, AT A HEIGHT RANGE OF TWO (2) TO FOUR (4) FEET, ALL COVERED CONTINUOUSLY WITH BRIGHTLY COLORED, ALL-WEATHER MESH MATERIAL OR EQUAL TYPE BARRIER METHOD. AN EQUIVALENT METHOD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE CITY MANAGER OR DESIGNER.
2. WHEN THE RETENTION OF SINGLE TREES IS REQUIRED BY THE CITY LAND DEVELOPMENT CODE, A PROTECTIVE BARRIER SHALL BE PLACED AROUND THE TREE AT A DISTANCE FROM THE TRUNK OF SIX (6) FEET OR BEYOND THE DRIP LINE, WHICHEVER IS GREATER, OR AS OTHERWISE APPROVED BY THE CITY MANAGER OR DESIGNER.
3. PROTECTIVE BARRIERS SHALL BE INSTALLED AND MAINTAINED FOR THE PERIOD OF TIME BEGINNING WITH THE COMMENCEMENT OF ANY PHASE OF LAND CLEARING OR BUILDING OPERATIONS, AND ENDING WITH THE COMPLETION OF THAT PHASE OF THE CONSTRUCTION WORK ON THE SITE, UNLESS OTHERWISE APPROVED TO BE REMOVED BY THE CITY MANGER OR DESIGNER. ALL PROTECTIVE BARRIERS SHALL BE INSTALLED PURSUANT TO THE TREE PROTECTION MANUAL FOR BUILDERS AND DEVELOPERS, DIVISION OF FORESTRY, STATE OF FLORIDA OR OTHER METHODS APPROVED BY THE CITY MANAGER OR DESIGNER.



Collier County: 1400 West Broadway, Suite 200 Naples, FL 34108 Tel: 239.439.1111 Fax: 239.464.3200

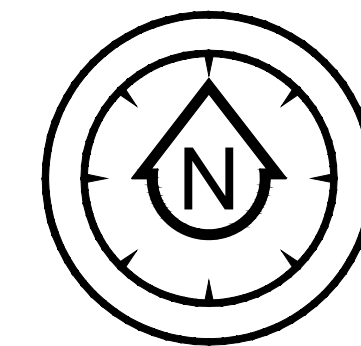
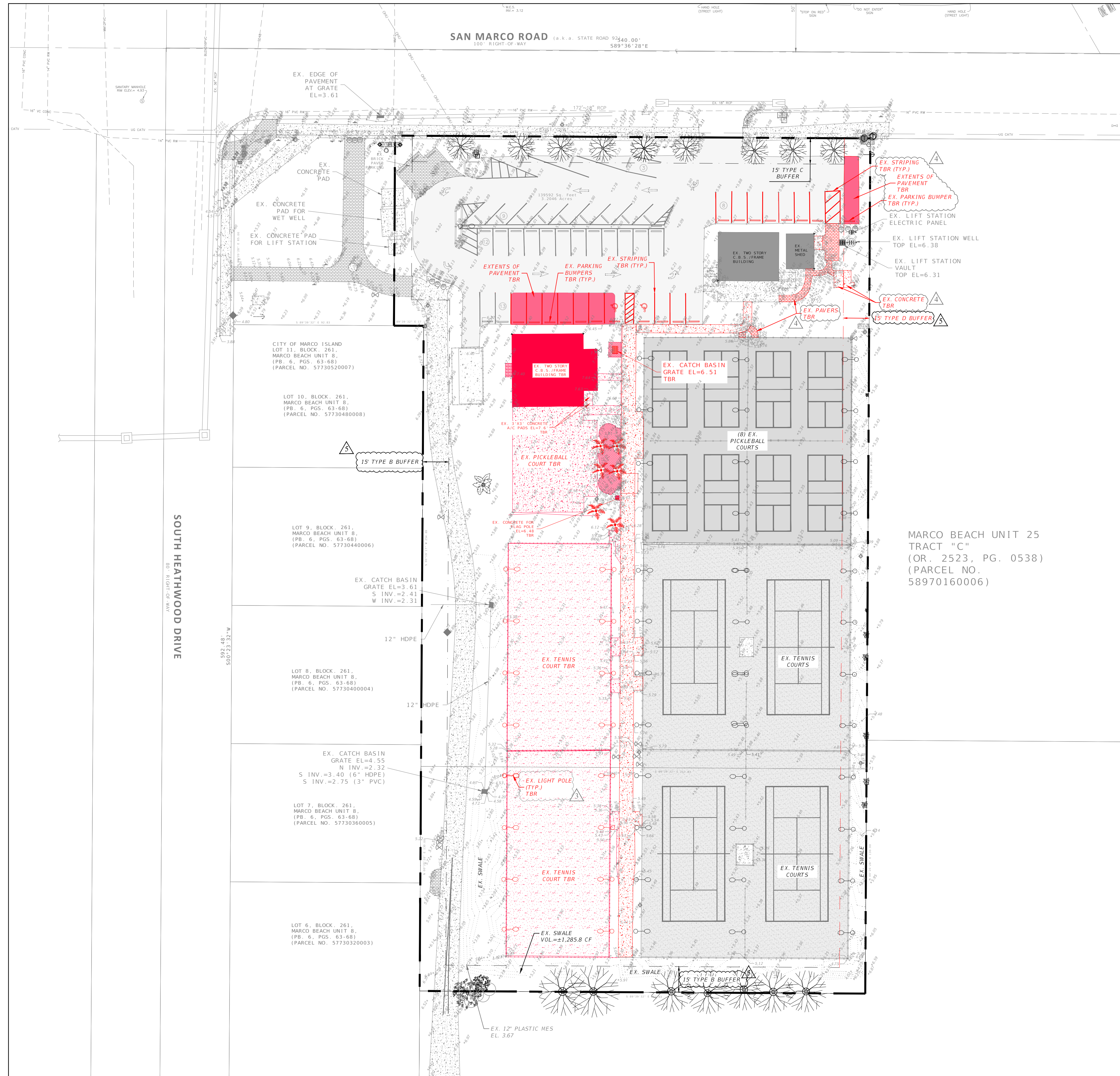
CITY OF MARCO ISLAND 50 BALD EAGLE DRIVE MARCO ISLAND, FL 34145

MARCO ISLAND PICKLEBALL CENTER LEGENDS, ABBREVIATIONS, GENERAL & SPECIAL NOTES

DESIGNED BY: LIA DRAWN BY: TMR CHECKED BY: DAB REVIEWED BY: JAC DATE: MAY 2024 DATUM: NAVD

Table with 10 columns and 1 row for revision tracking. Columns include NO., DATE, BY, and DESCRIPTION.

ACAD FILE NAME: 13639-CVR ABB PROJECT #: 23-0019 PLOT VIEW \ LAYOUT: 02-NOTES SHEET OF: 02 OF 08 ACAD FILE #: 13639



24x36 SCALE: 1" = 30'  
11x17 SCALE: 1" = 60'


**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	0.952	32.7
HARDCOURTS	0.397	13.4
<b>TOTAL IMPERVIOUS AREA</b>	<b>2.161</b>	<b>72.7</b>
OPEN / GREEN SPACE	0.812	27.3
<b>TOTAL PERVIOUS AREA</b>	<b>0.812</b>	<b>27.3</b>
<b>TOTAL SITE AREA</b>	<b>2.973</b>	<b>100</b>

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

**DEMOLITION NOTE:**  
ITEMS TO BE REMOVED ARE SHOWN IN RED



**EMPLOYEE-OWNED.  
CLIENT FOCUSED.**

Engineering Firm Number: 33200  
Surveying Firm License: LB8569

Collier County:  
3400 South Boulevard, Suite 200  
Naples, FL 34108  
T: 239.437.3333  
F: 239.664.3200

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

PROJECT NAME:  
**MARCO ISLAND  
PICKLEBALL CENTER**

DRAWING TITLE:  
**EXISTING CONDITIONS &  
DEMOLITION PLAN**

DESIGNED BY: LJA  
DRAWN BY: TMR  
CHECKED BY: DAB  
REVIEWED BY: JAC  
DATE: MAY 2024  
DATUM: NAVD

NO.	DATE	DESCRIPTION
1	05/02/2024	ISSUED FOR PERMITS
2	05/07/2024	REVISED PER CITY COUNCIL REVIEW
3	05/28/2024	REVISED PER CITY REVIEW

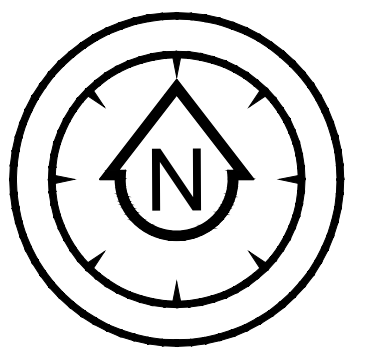
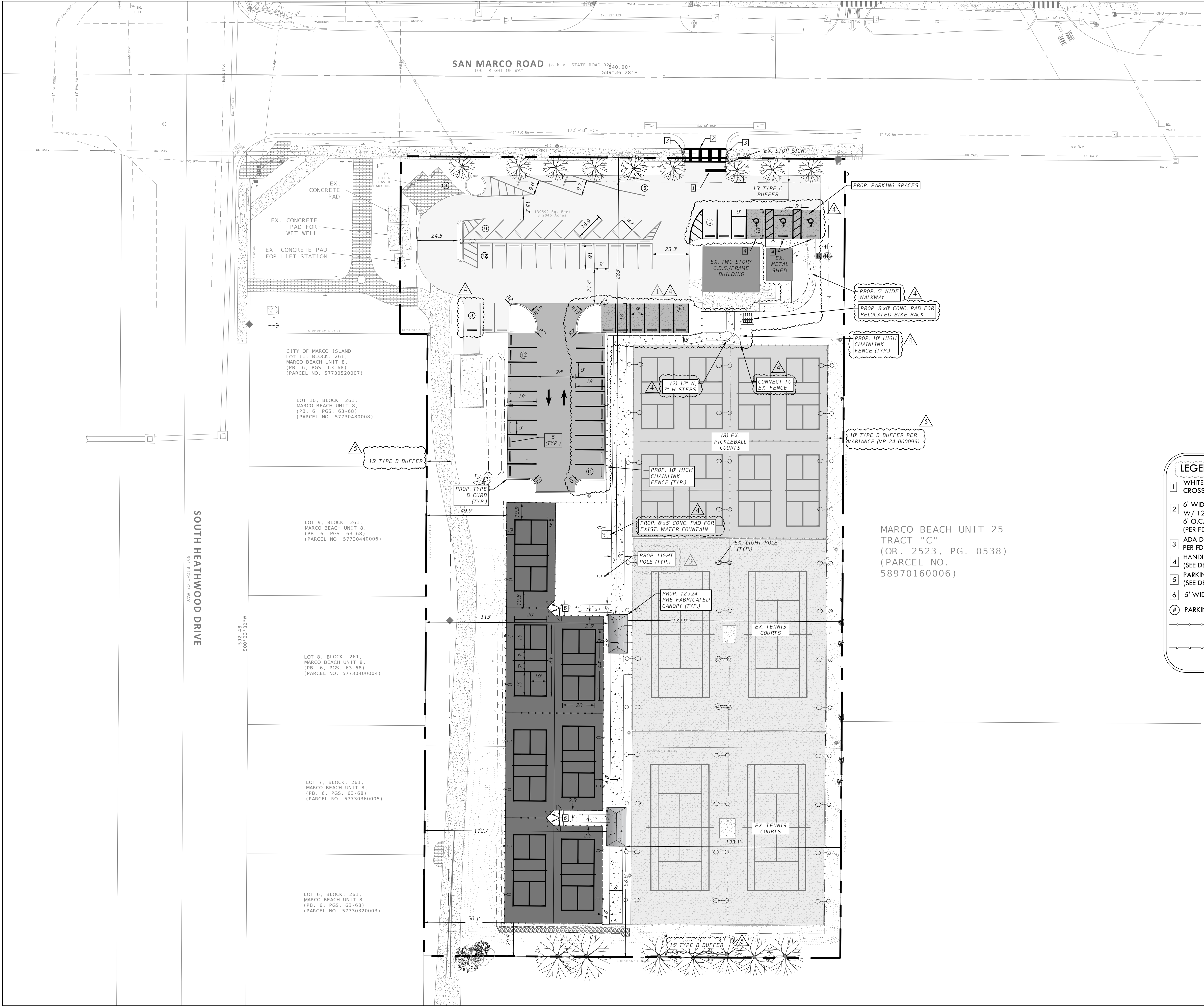
ACAD FILE NAME:  
**13639-ME**

ABB PROJECT #  
**23-0019**

PLOT VIEW \ LAYOUT  
**03-EXCON**

SHEET **03**  
OF **08**

ACAD FILE #  
**13639**



24x36 SCALE: 1" = 30'  
11x17 SCALE: 1" = 60'

**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 (4 COURTS)	3 SPACES / COURT	12 SPACES
PROP. PICKLEBALL COURTS (7 COURTS)	3 SPACES / COURT	21 SPACES
<b>REQUIRED</b>	<b>TOTAL SPACES W/ CREDIT <sup>2</sup></b>	<b>63 SPACES</b>
	<b>HANDICAP SPACES <sup>3</sup></b>	<b>3 SPACES</b>
<b>PROVIDED</b>	<b>TOTAL SPACES <sup>4</sup></b>	<b>62 SPACES</b>
	<b>HANDICAP SPACES</b>	<b>3 SPACES</b>

**NOTES:**

\*1 - PARKING SPACE REQUIREMENT PER MARCO ISLAND LDC SECTION 430-488  
 \*2 - PER MARCO ISLAND LDC SEC. 30-488 (4), PARKING CREDIT OF 1 SPACE UTILIZED FOR PROVIDING, (c) BICYCLE RACKS AND BENCH  
 \*3 - HANDICAP PARKING SPACE REQUIREMENT PER MARCO ISLAND LDC SECTION 30-490

**LEGEND**

- 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 (SEE DETAIL)
- HANDICAP PARKING SIGN (SEE DETAIL)
- PARKING BUMPER (SEE DETAIL SHEET 07)
- 5' WIDE GATE IN FENCE
- PARKING COUNT

10' HIGH CHAIN LINK FENCE  
 4' HIGH CHAIN LINK FENCE W/ YELLOW SAFETY PVC COVER ON TOP

**HATCHING LEGEND:**

- EXISTING BUILDING
- EXISTING CONCRETE
- EXISTING BRICK PAVEMENT
- EXISTING ASPHALT
- EXISTING CLAY TENNIS COURTS
- EXISTING PICKLEBALL COURTS
- PROP. SIDEWALK CONCRETE
- PROP. ASPHALT
- PROP. ASPHALT OVERLAY
- PROP. PICKLEBALL COURTS

**PROPOSED LAND USE SUMMARY:**

	AC.	%
EX. BUILDING AREA	0.030	1.0
VEHICLE USE AREA	0.565	19.0
PATWAYS/HARDSCAPE	0.260	8.8
EX. CLAY COURTS	0.648	21.8
HARDCOURTS	0.673	22.6
<b>TOTAL IMPERVIOUS AREA</b>	<b>2.176</b>	<b>73.2</b>
OPEN / GREEN SPACE	0.797	26.8
<b>TOTAL PERVIOUS AREA</b>	<b>0.797</b>	<b>26.8</b>
<b>TOTAL</b>	<b>2.973</b>	<b>100</b>

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

SOUTH HEATHWOOD DRIVE  
80' RIGHT-OF-WAY

CITY OF MARCO ISLAND  
LOT 11, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730520007)

LOT 10, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730480008)

LOT 9, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730440006)

LOT 8, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730400004)

LOT 7, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730360005)

LOT 6, BLOCK 261,  
MARCO BEACH UNIT 8,  
(PB. 6, PGS. 63-68)  
(PARCEL NO. 57730320003)



Collier County  
1400 First Street, Suite 200  
Naples, FL 34108  
P: 239.777.3333  
F: 239.664.3200

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

PROJECT NAME:  
**MARCO ISLAND  
PICKLEBALL CENTER**

DRAWING TITLE:  
**SITE, SIGNING & STRIPING PLAN**

DESIGNED BY: LIA  
 DRAWN BY: TMR  
 CHECKED BY: DAB  
 REVIEWED BY: JAC  
 DATE: MAY 2024  
 DATUM: NAVD

NO.	DATE	DESCRIPTION
1	05/07/2024	ISSUED FOR PERMITS REVIEW
2	05/07/2024	REVISED PER CIVIL
3	05/07/2024	REVISED PER CIVIL CORRECTIONS REVIEW
4	05/07/2024	REVISED PER CIVIL PERMITS

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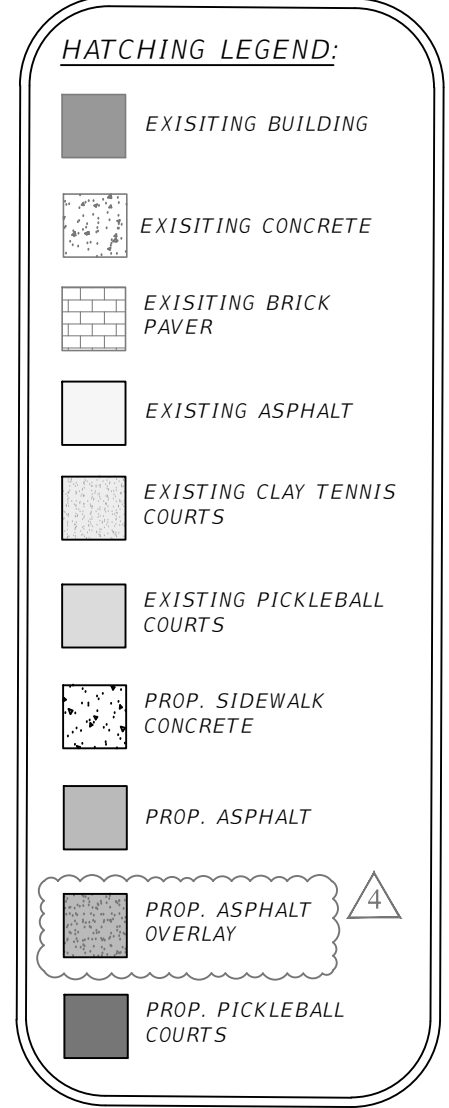
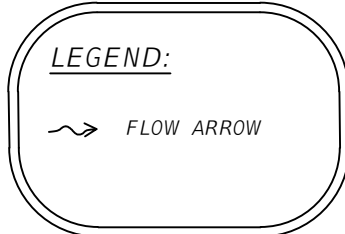
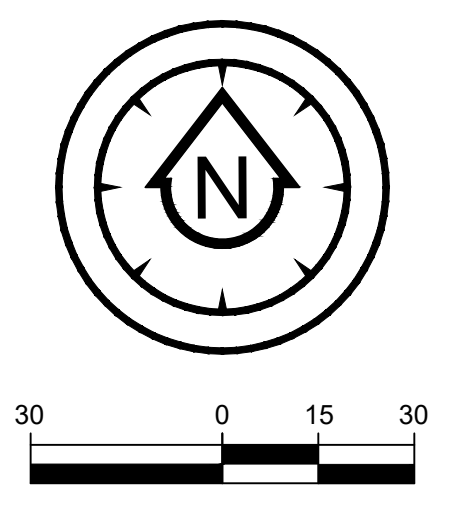
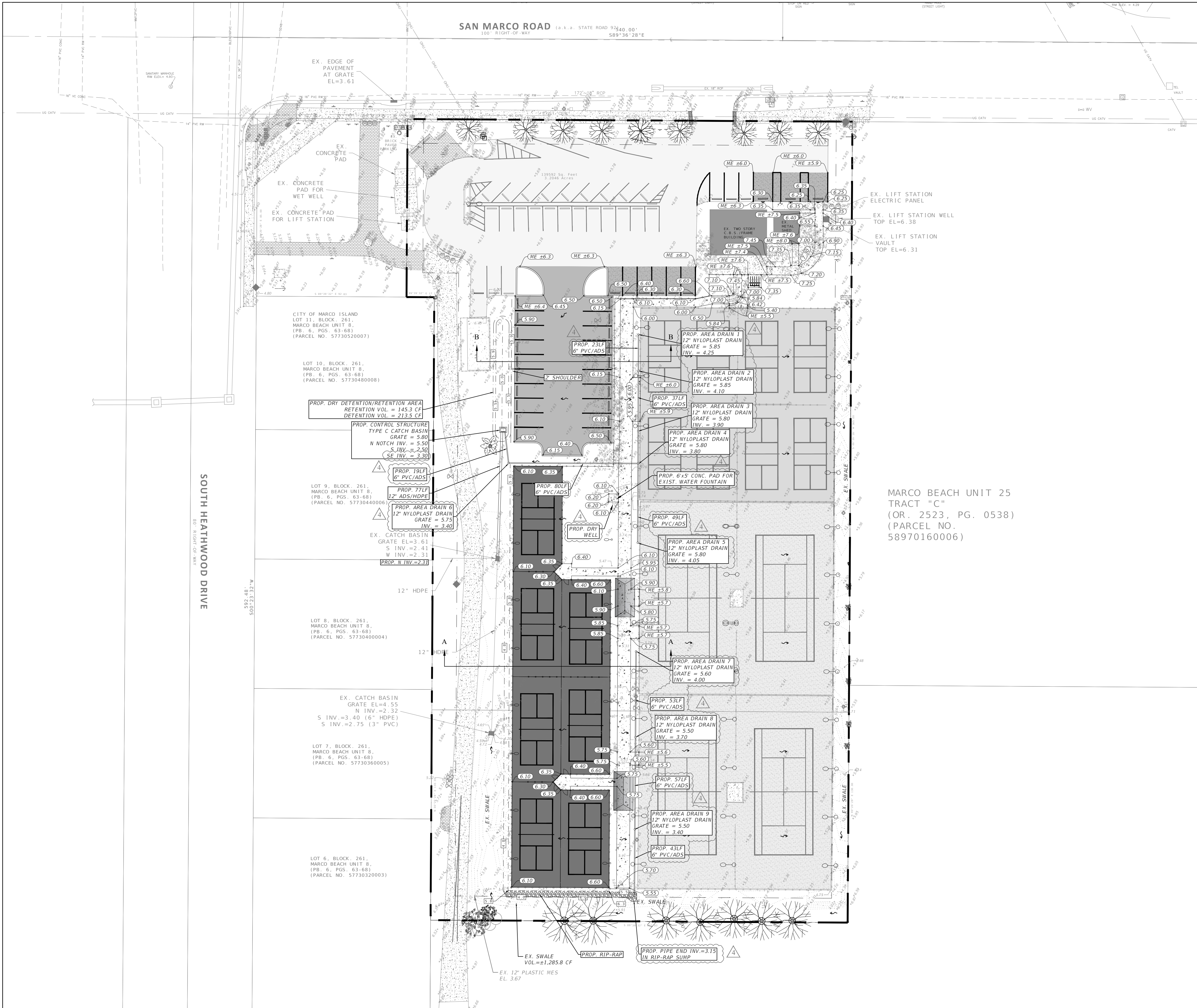
**13639-ME**

ABB PROJECT #  
**23-0019**

PLOT VIEW \ LAYOUT  
**04-SITE**

SHEET **04**  
OF **08**

ACAD FILE #  
**13639**



**SWFWMD 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    0.453  
 75% FOR DRY DETENTION (AC-FT) = 0.338    0.340  
 ADDITIONAL 50% VOL (AC-FT) = 0.506    0.510

ADDITIONAL WQ VOL REQUIRED FOR POST->PRE = 0.004 AC-FT (153 CF)

**PROVIDED WQ VOL:**

PROVIDED IN PROP. DRY DETENTION AREA = 0.005 AC-FT (212.5 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 = 0.015 AC
  - REQUIRED VOLUME = 1/2" X 0.015 AC = 0.001 AC-FT (27 CF)
- PER NUTRIENT LOADING ANALYSIS
  - SEE NUTRIENT ANALYSIS IN REPORT FOR DETAILS
  - REQUIRED VOLUME = 0.003 AC-FT (131 CF)
  - CONTROLLING PRE-TREATMENT VOL. = 0.003 AC-FT (131 CF)

**PROVIDED PRE-TREATMENT VOL:**

PROVIDED IN PROP. DRY DETENTION AREA = 0.007 AC-FT (145.3 CF)  
 NOTE: DETENTION/RETENTION STORAGE DEPTH FROM ELEV. 5.00 TO 5.50 FT-NAVD

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

**LJA**  
 EMPLOYEE-OWNED.  
 CLIENT FOCUSED.  
 Engineering Firm Number: 33200  
 Surveying Firm License: LB8569

Collier County:  
 1400 West Boulevard, Suite 200  
 Naples, FL 34108  
 P: 239.977.3333  
 F: 239.664.3200

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

PROJECT NAME:  
**MARCO ISLAND  
 PICKLEBALL CENTER**

DRAWING TITLE:  
**ENGINEERING PLAN**

DESIGNED BY: LIA  
 DRAWN BY: TMR  
 CHECKED BY: DAB  
 REVIEWED BY: JAC  
 DATE: MAY 2024  
 DATUM: NAVD

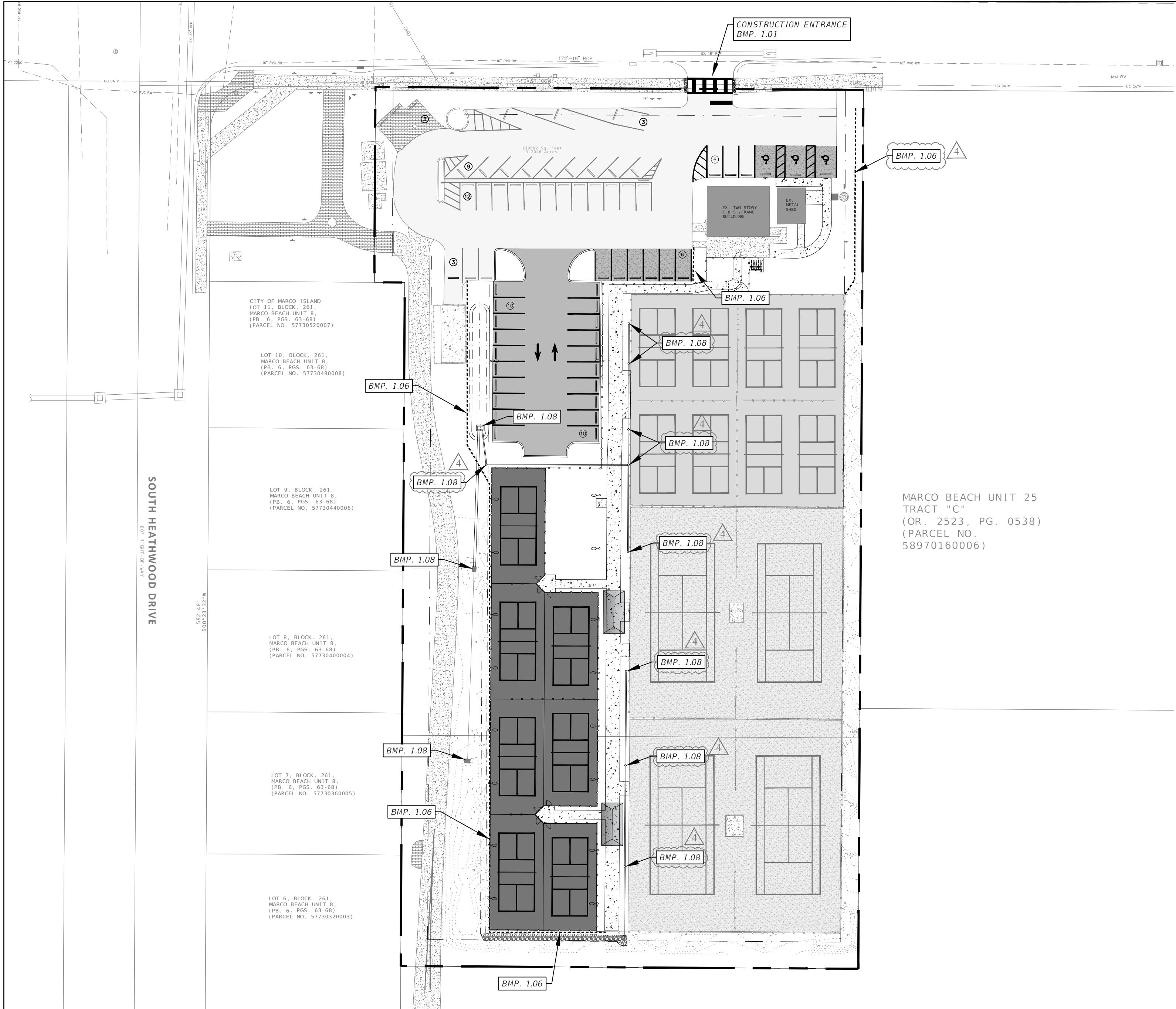
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ABB PROJECT #  
**23-0019**

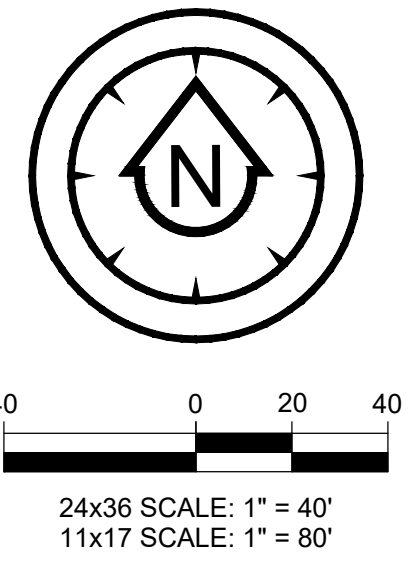
PLOT VIEW \ LAYOUT  
**05-ENPLAN**

SHEET **05**  
 OF **08**

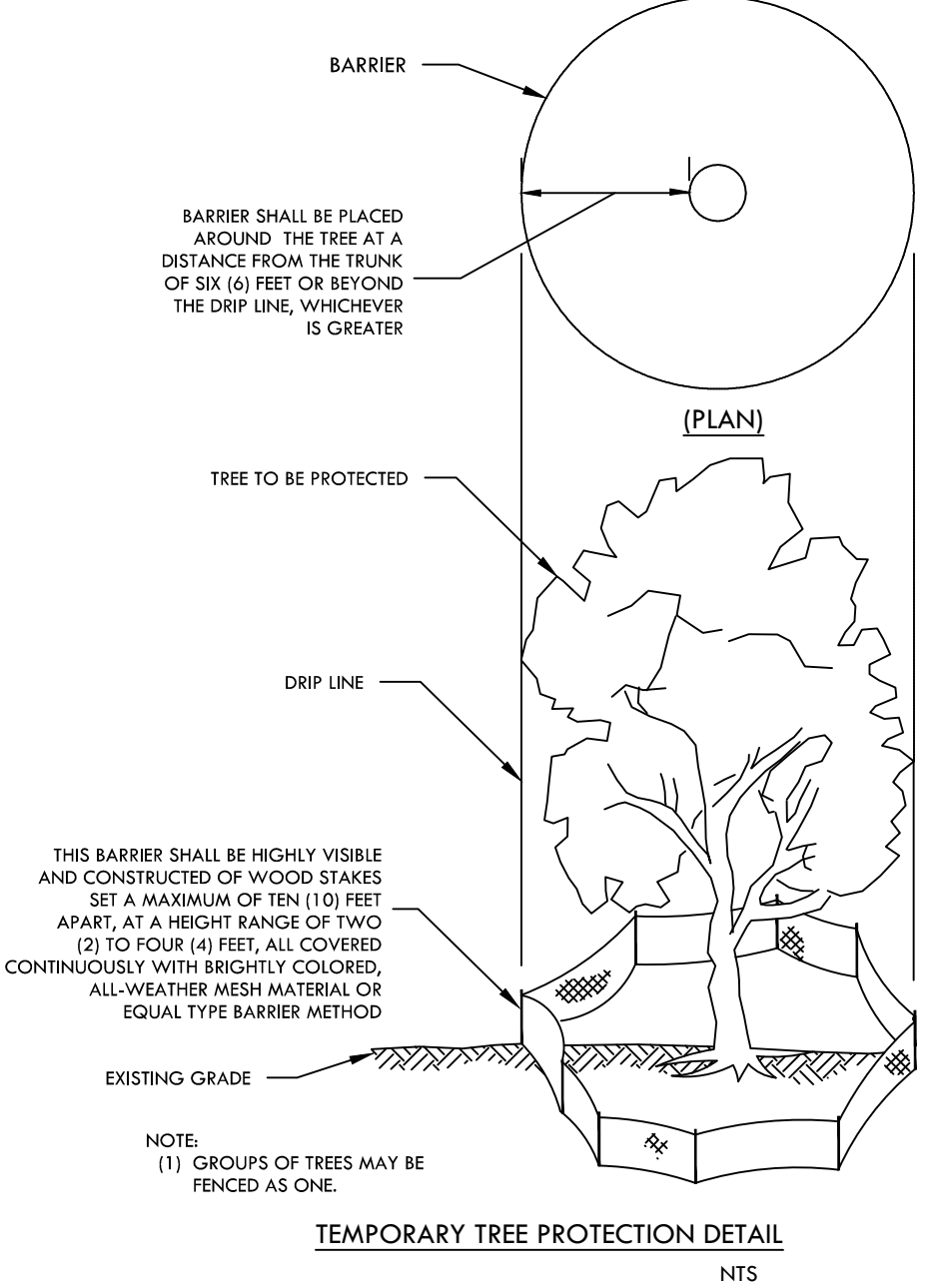
ACAD FILE #  
**13639**



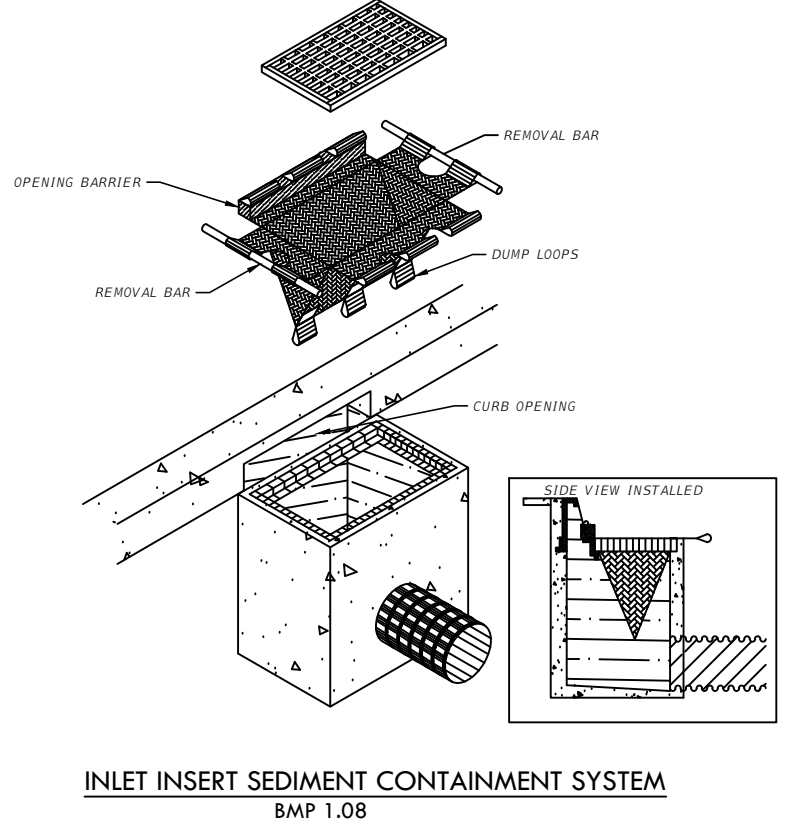
**SEDIMENT CONTROL PLAN**



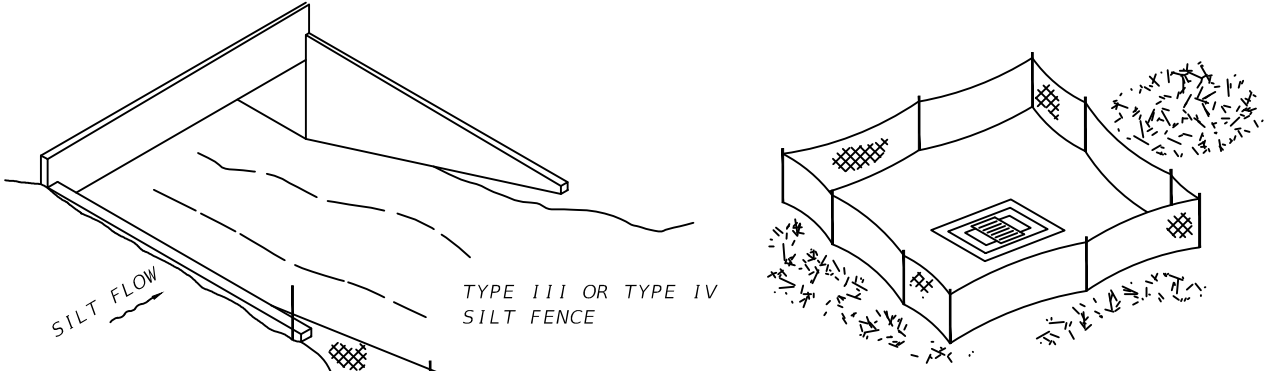
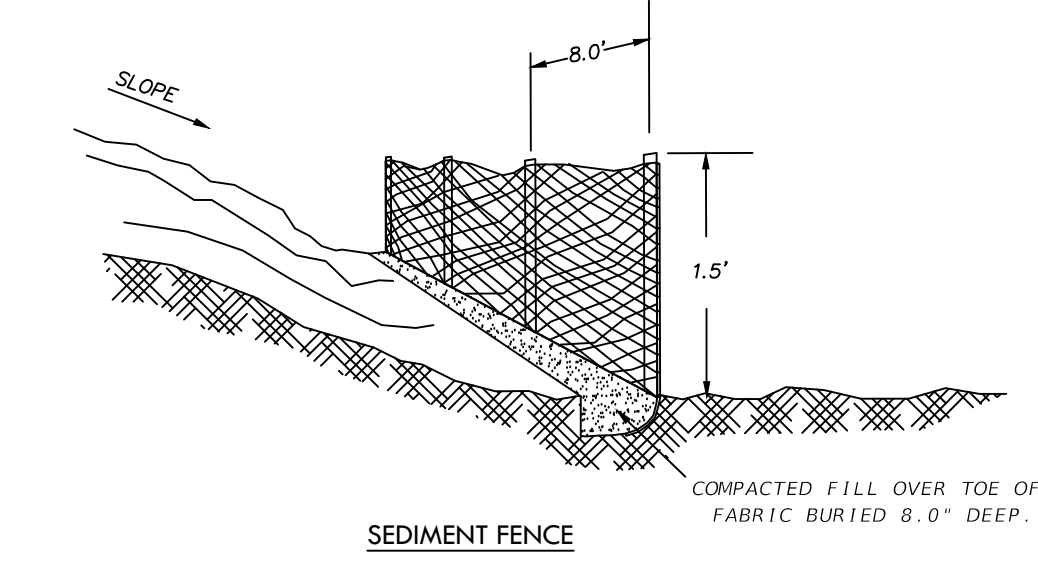
MARCO BEACH UNIT 25  
TRACT "C"  
(OR, 2523, PG. 0538)  
(PARCEL NO. 58970160006)



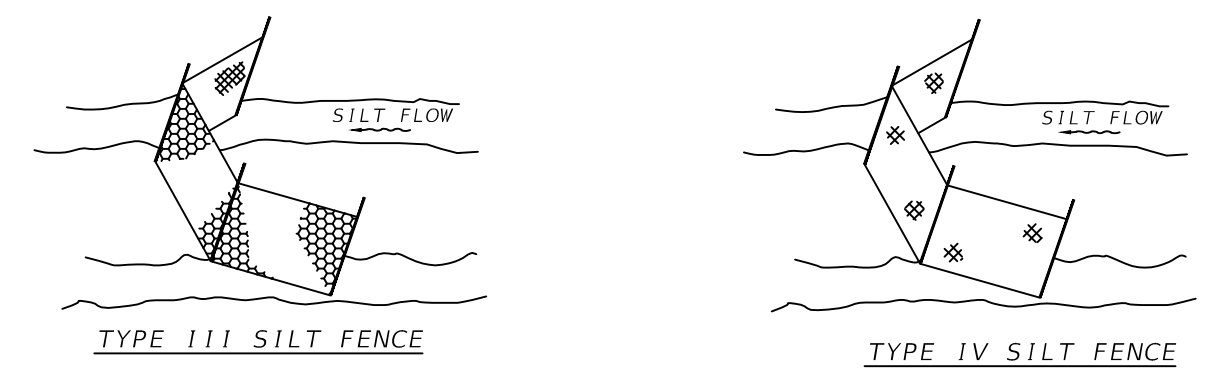
**TEMPORARY TREE PROTECTION DETAIL**  
NTS



**INLET INSERT SEDIMENT CONTAINMENT SYSTEM**  
BMP 1.08



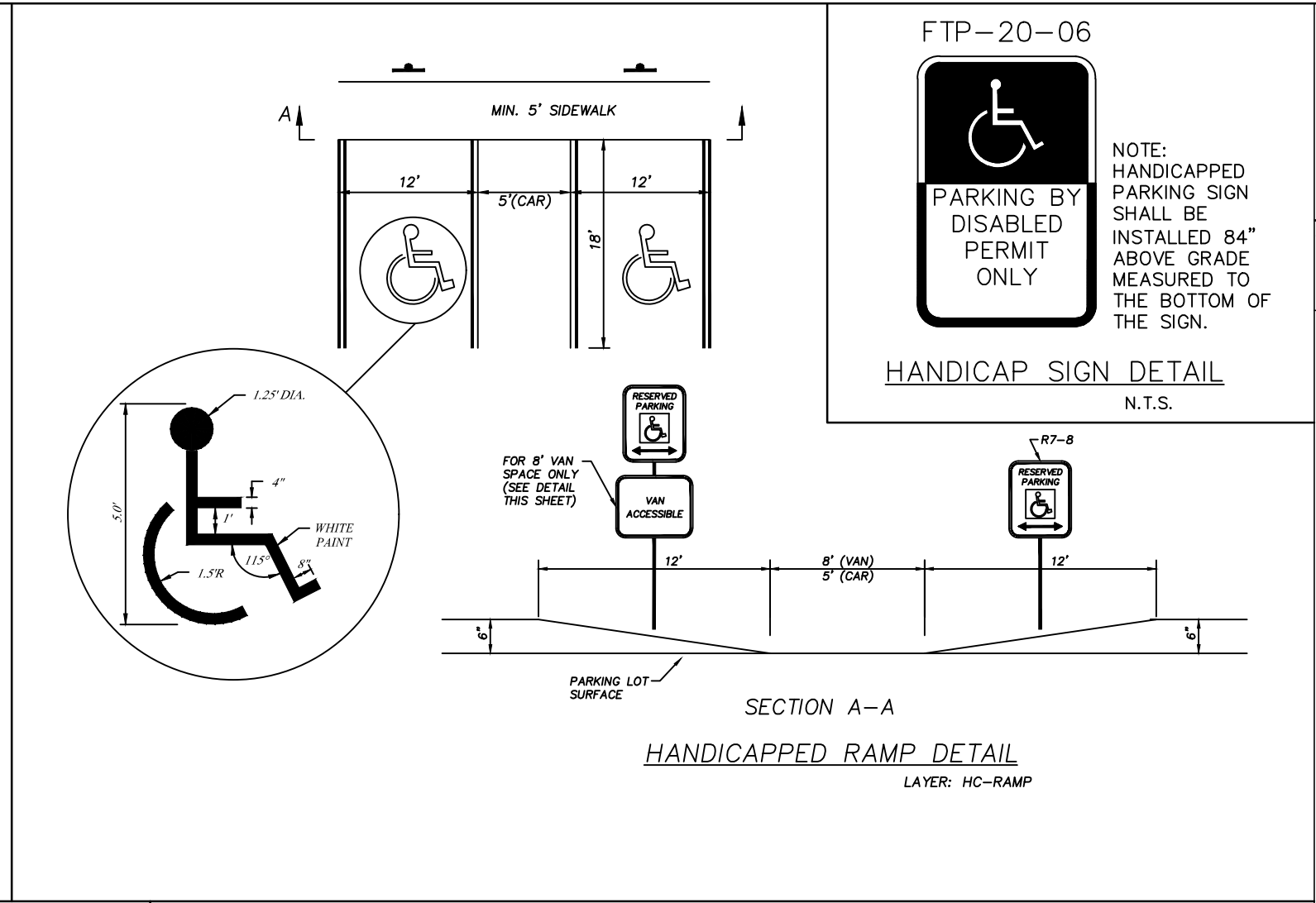
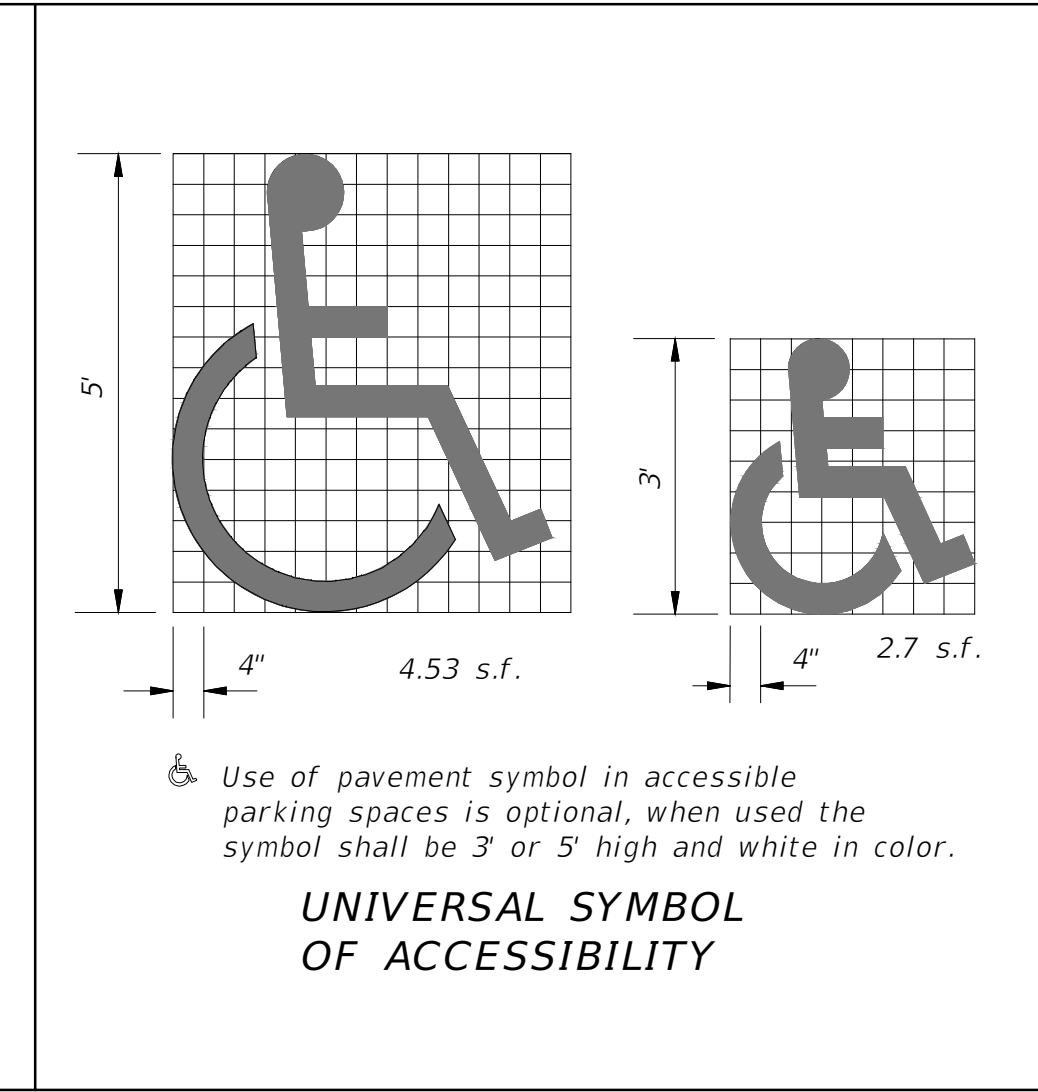
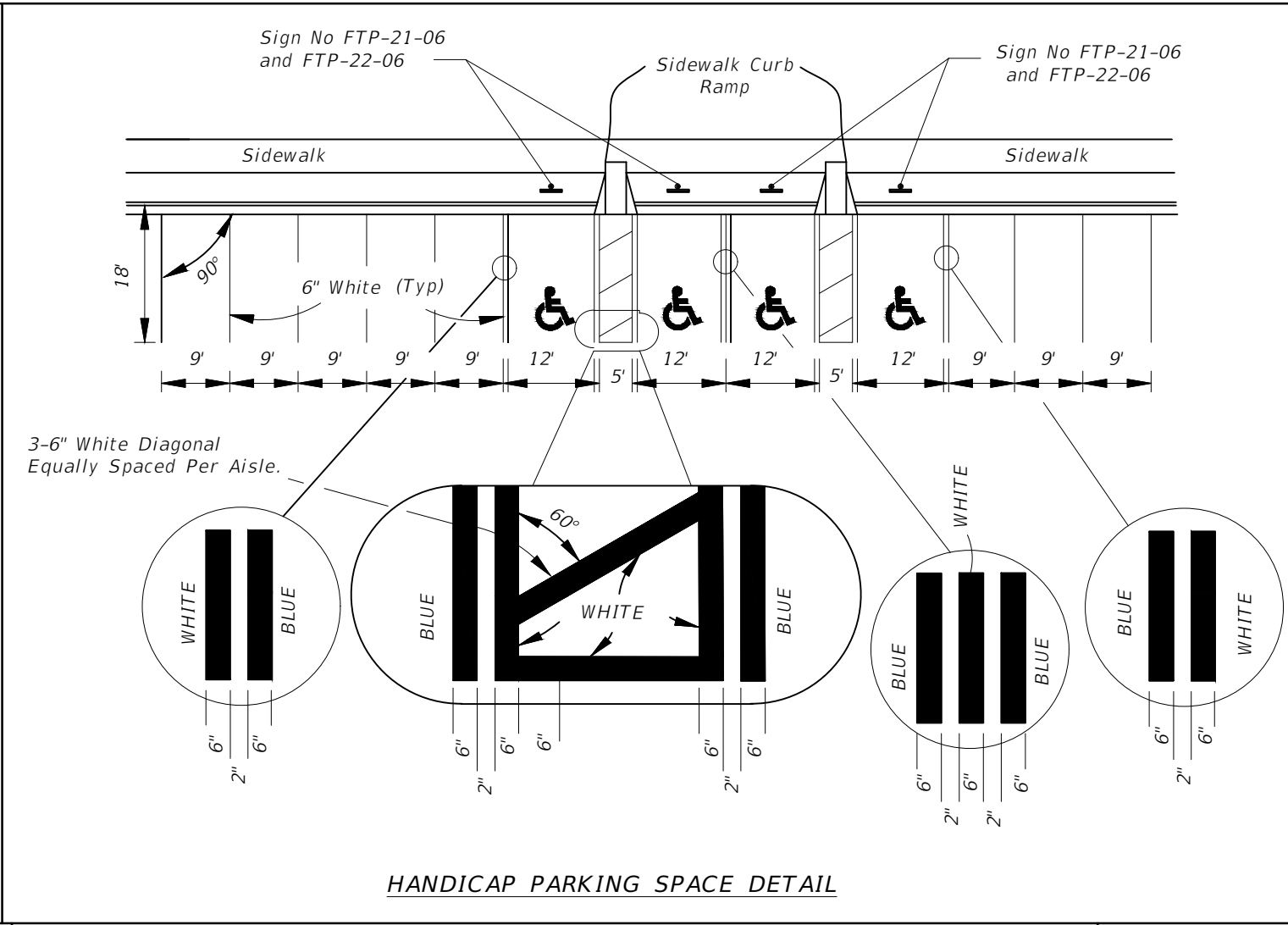
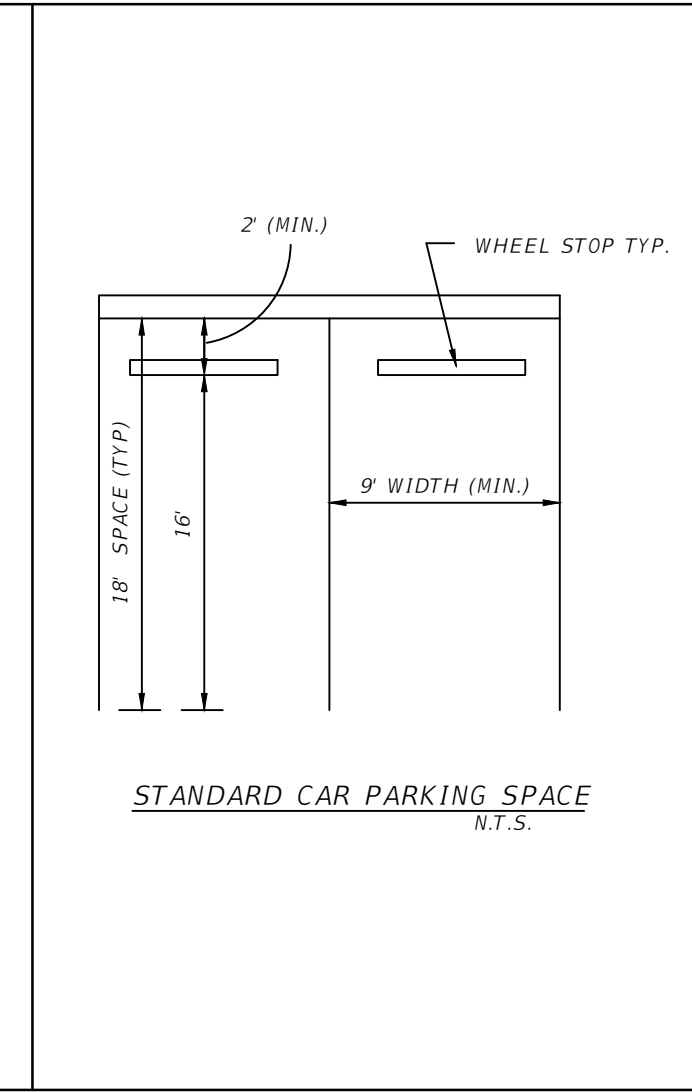
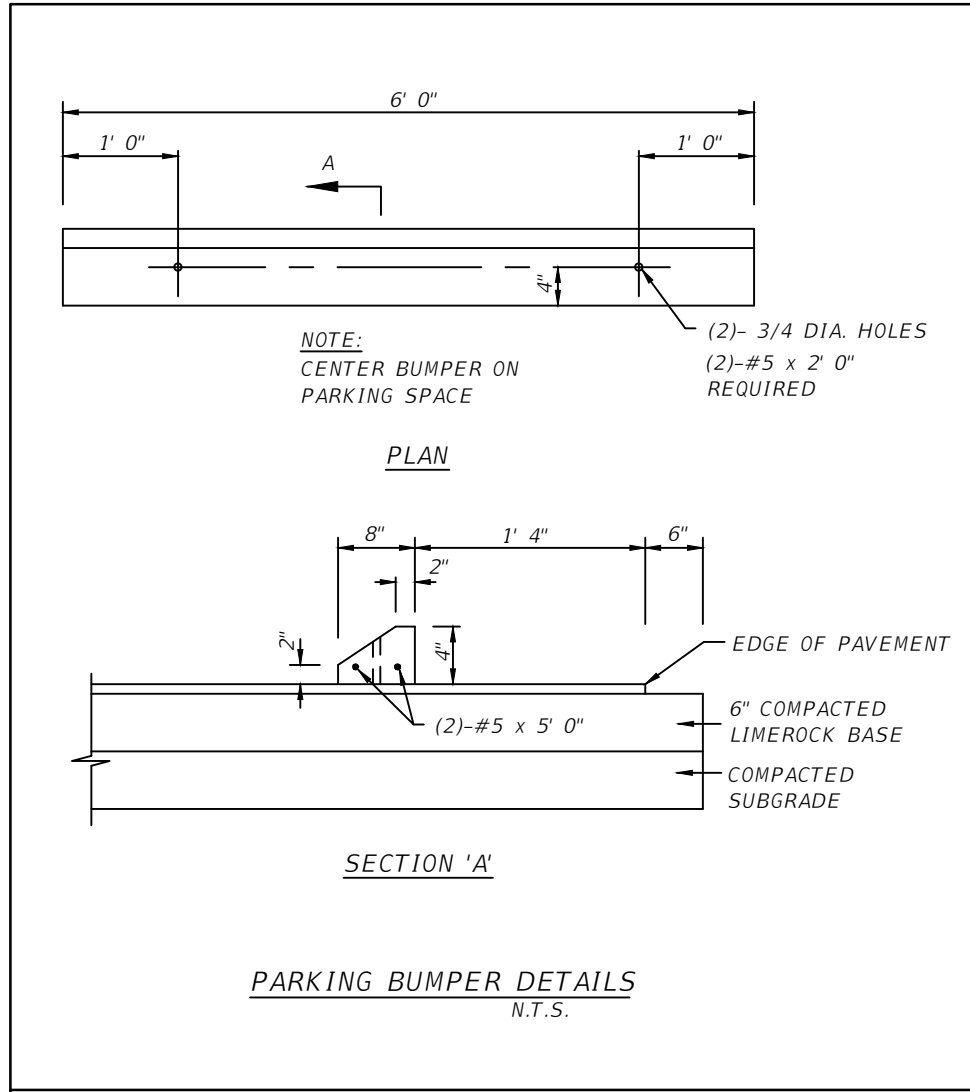
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.



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**

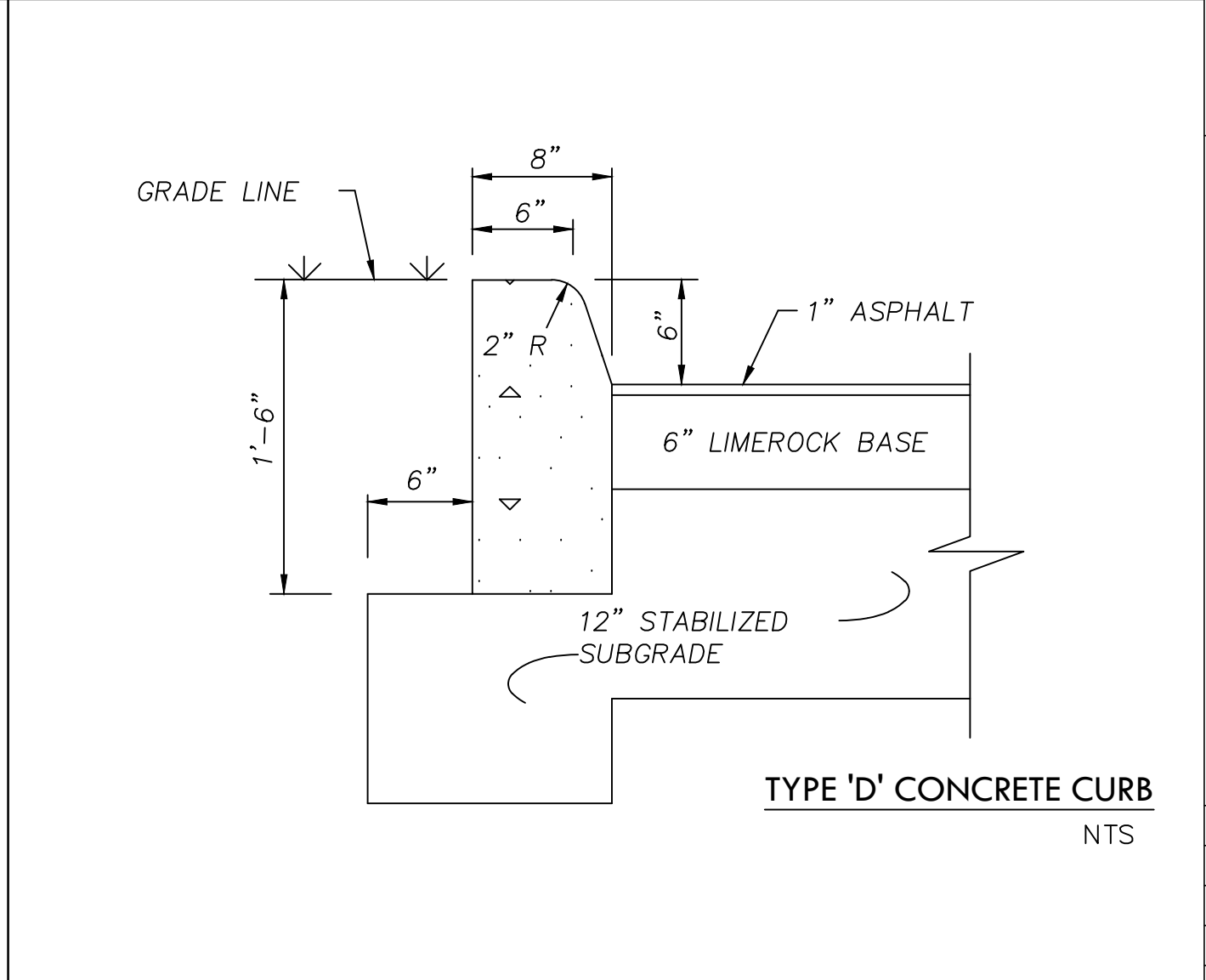
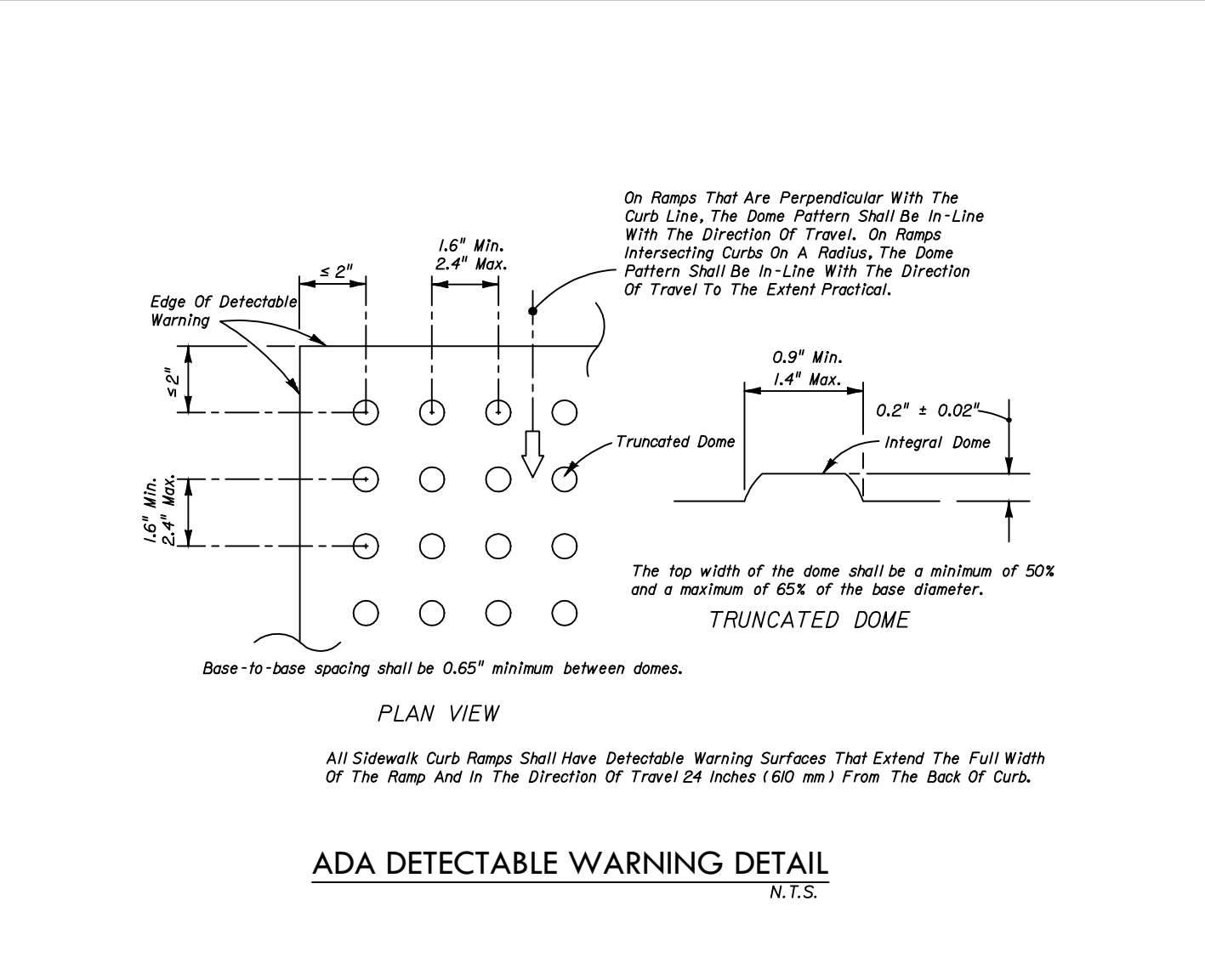
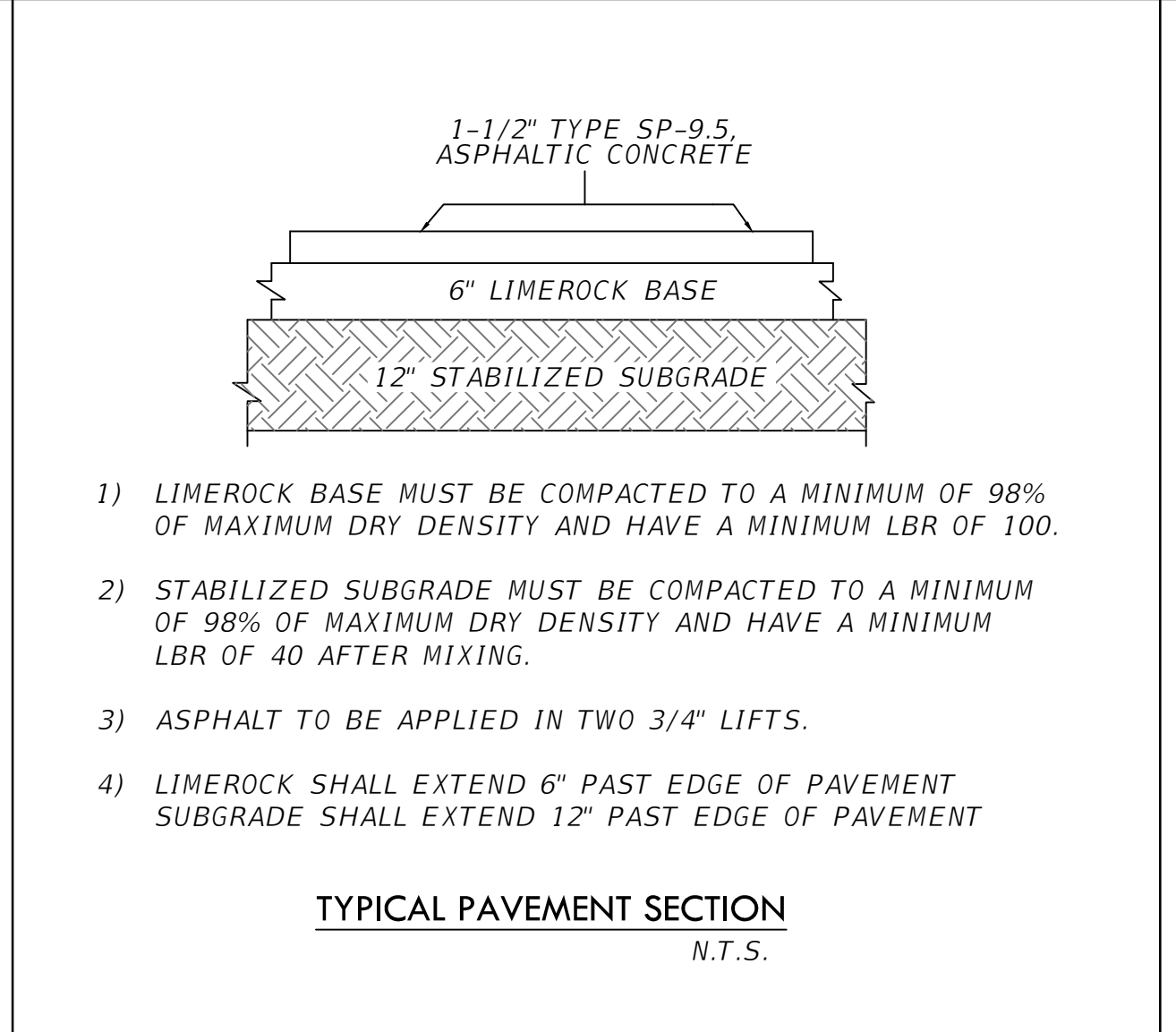
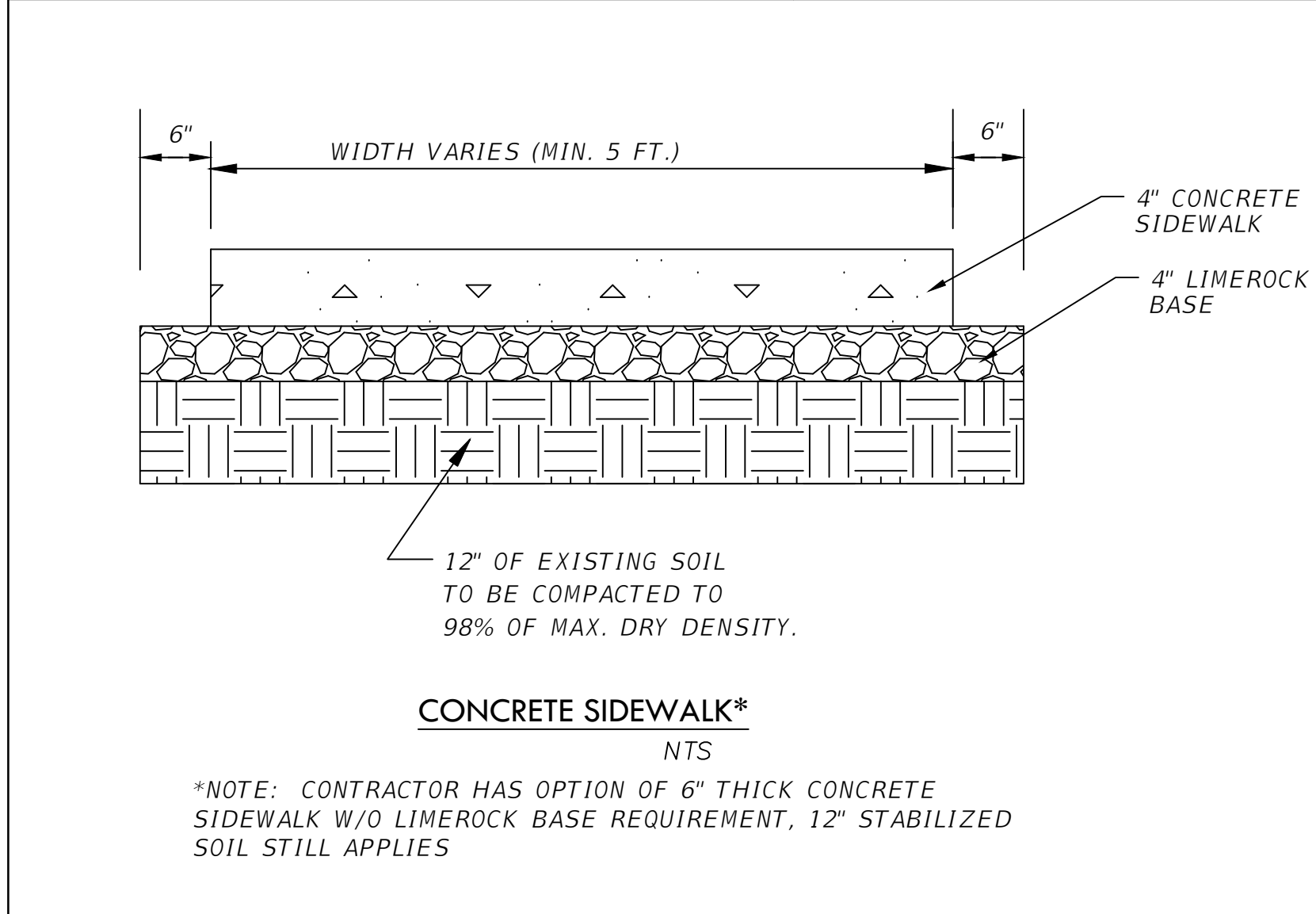
REV	DATE	DESCRIPTION
1	05/10/2024	REVISION FOR CITY COUNCIL REVIEW



**LJA**  
EMPLOYEE-OWNED.  
CLIENT FOCUSED.  
Engineering Firm Number: 33200  
Surveying Firm License: LB8549

Collier County:  
1300 First International, Suite 300  
Naples, FL 34108  
P: 239.979.3331  
F: 239.644.3209

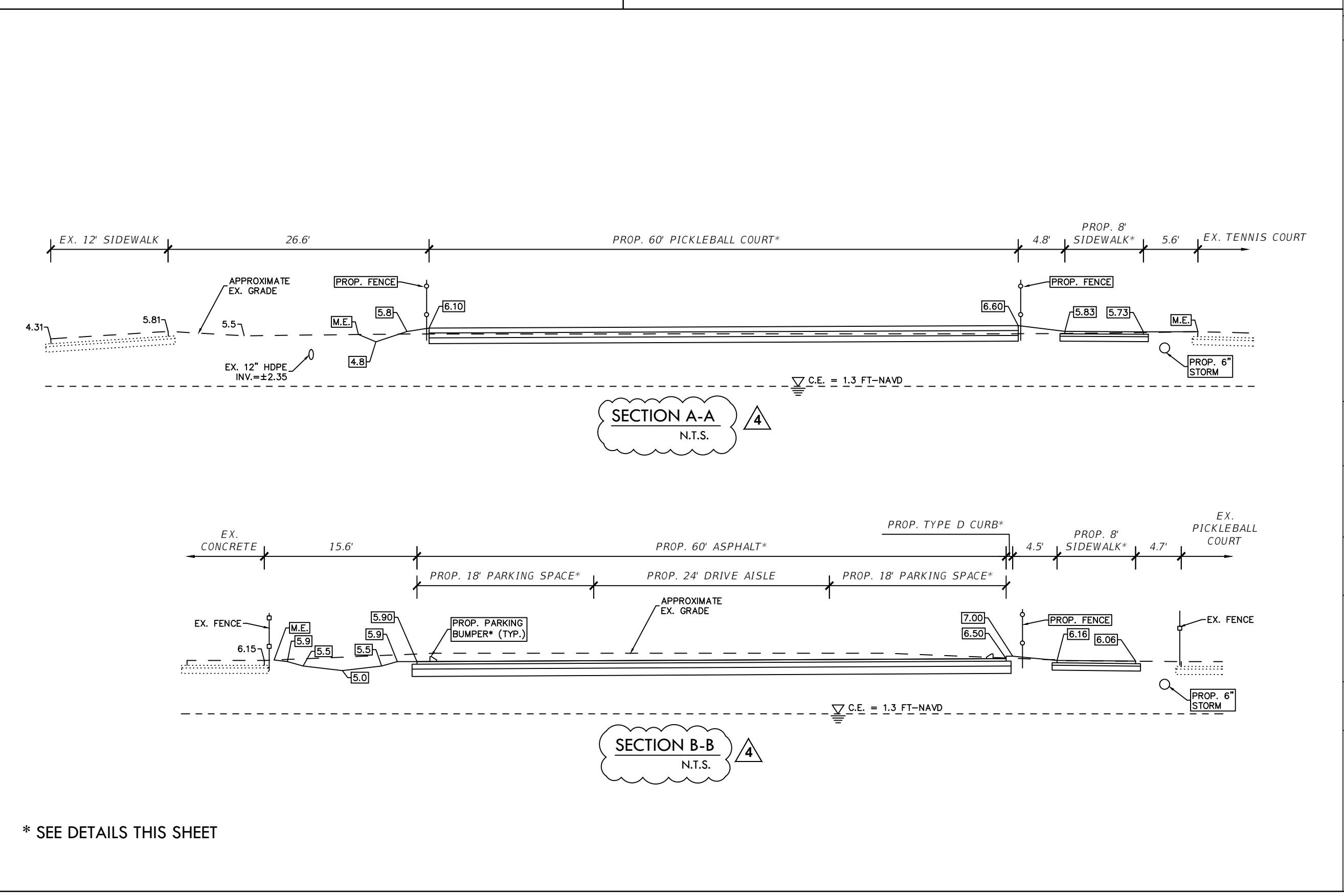
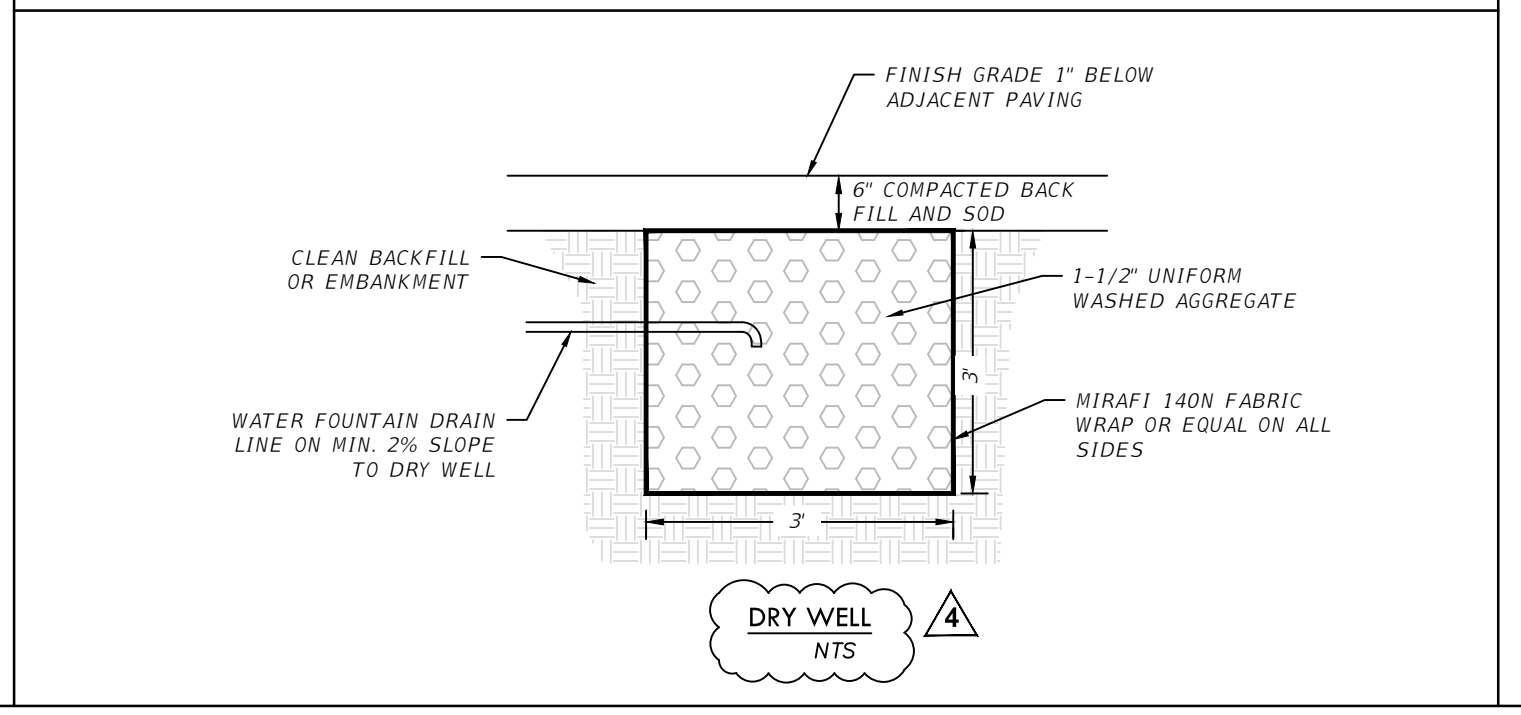
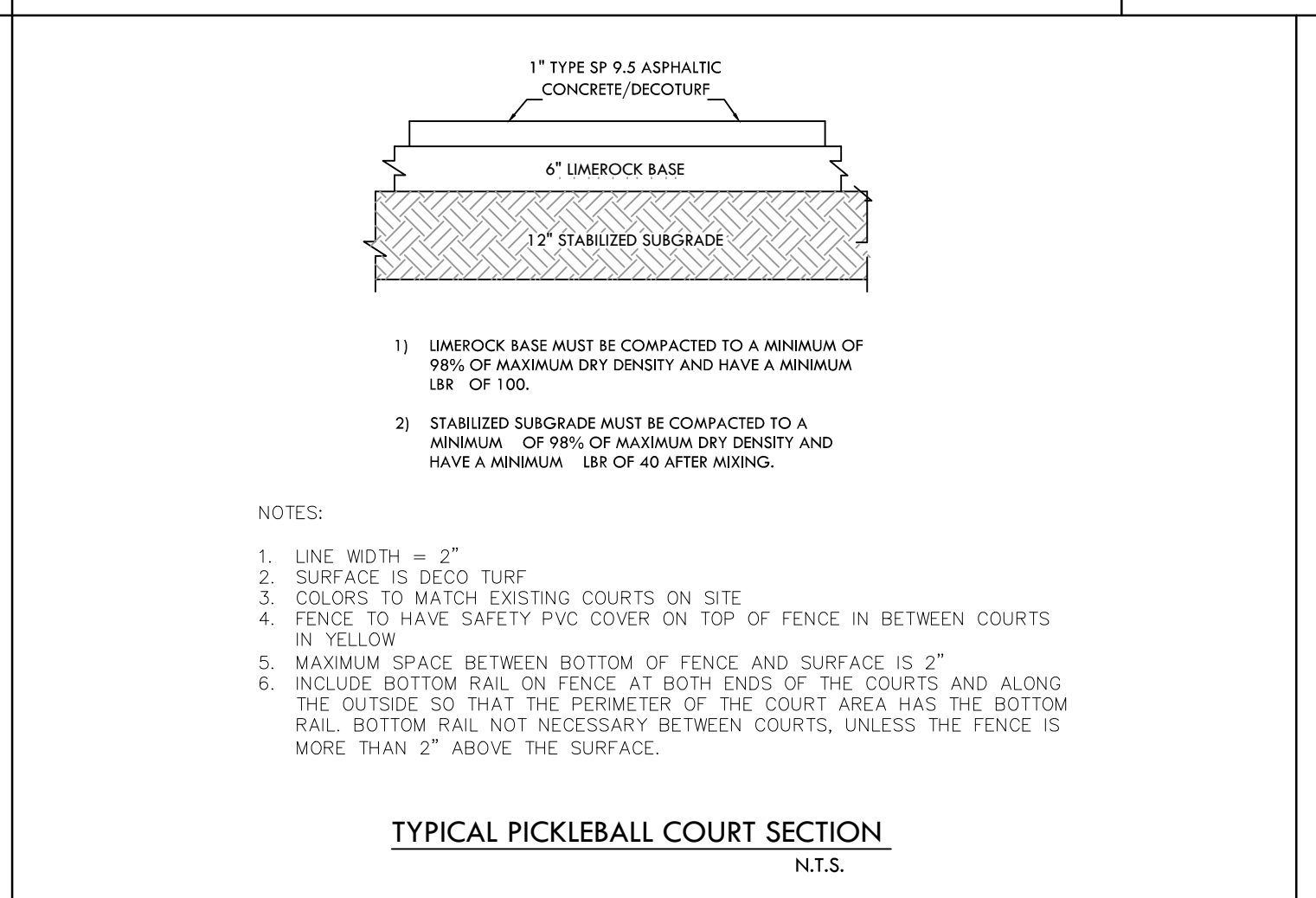
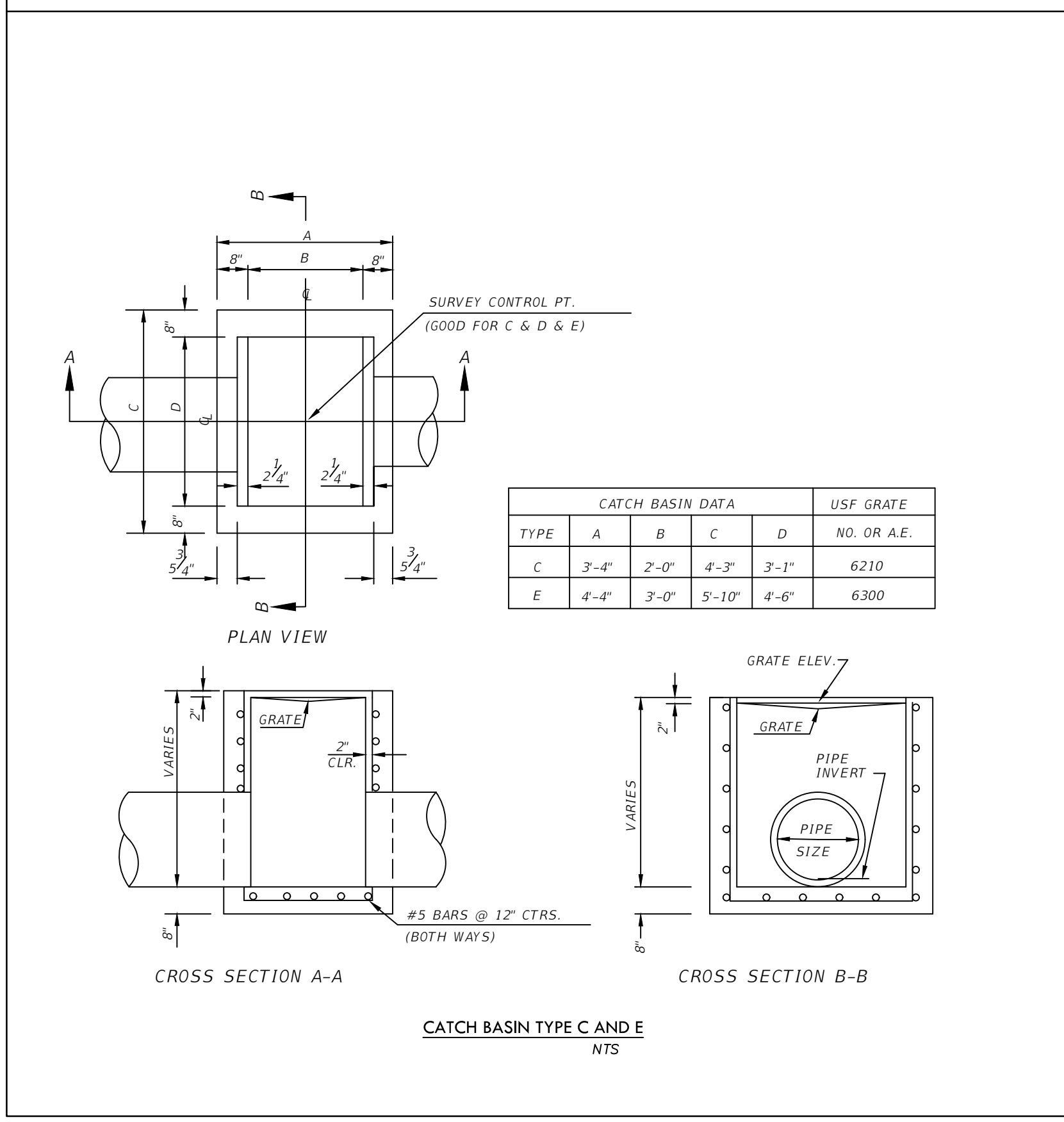
CLIENT NAME:  
**CITY OF MARCO ISLAND  
50 BALD EAGLE DRIVE  
MARCO ISLAND, FL 34145**



PROJECT NAME:  
**MARCO ISLAND  
PICKLEBALL CENTER**

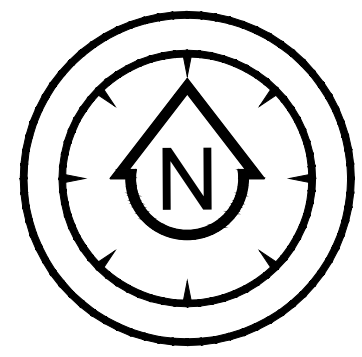
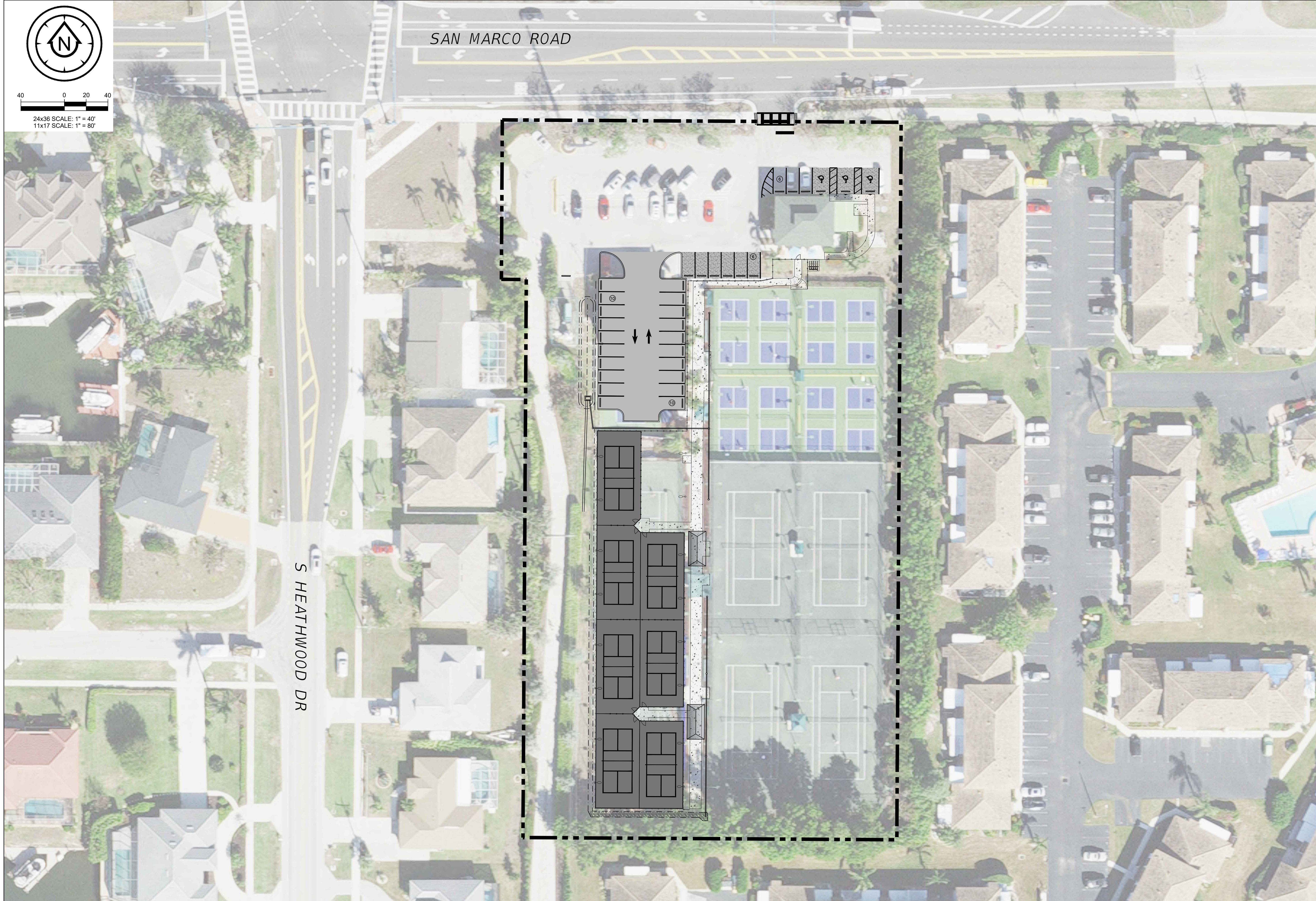
DRAWING TITLE:  
**CONSTRUCTION DETAILS**

DESIGNED BY: LIA  
DRAWN BY: TMR  
CHECKED BY: DAB  
REVIEWED BY: JAC  
DATE: August 28, 2024



DATUM: NAVD

DATE	08/29/2024
SCALE	AS SHOWN
REVISIONS	REVISION FILE: COURSE REVIEW
ACAD FILE NAME:	13639-CVR
ABB PROJECT #	23-0019
PLOT VIEW \ LAYOUT	07-DTLS
SHEET	07
OF	08
ACAD FILE #	13639



40 0 20 40  
 24x36 SCALE: 1" = 40'  
 11x17 SCALE: 1" = 80'

SAN MARCO ROAD

S HEATHWOOD DR

**LJA**  
 EMPLOYEE-OWNED.  
 CLIENT FOCUSED.  
 Engineering Firm Number: 33200  
 Surveying Firm License: LB8569

Collier County:  
 3400 First Boulevard, Suite 300  
 Naples, FL 34108  
 P: 239.537.8333  
 F: 239.544.5209

CLIENT NAME:  
 CITY OF MARCO ISLAND  
 50 BALD EAGLE DRIVE  
 MARCO ISLAND, FL 34145

PROJECT NAME:  
 MARCO ISLAND  
 PICKLEBALL CENTER  
 DRAWING TITLE:  
 2023 AERIAL OVERLAY

DESIGNED BY: LJA  
 DRAWN BY: TMR  
 CHECKED BY: DAB  
 REVIEWED BY: JAC  
 DATE: August 28, 2024  
 DATUM: NAVD

NO.	DATE	REVISIONS

ACAD FILE NAME:  
 13639-CVR  
 ABB PROJECT #  
 23-0019  
 PLOT VIEW \ LAYOUT  
 08-AERIAL  
 SHEET 08  
 OF 08  
 ACAD FILE #  
 13639