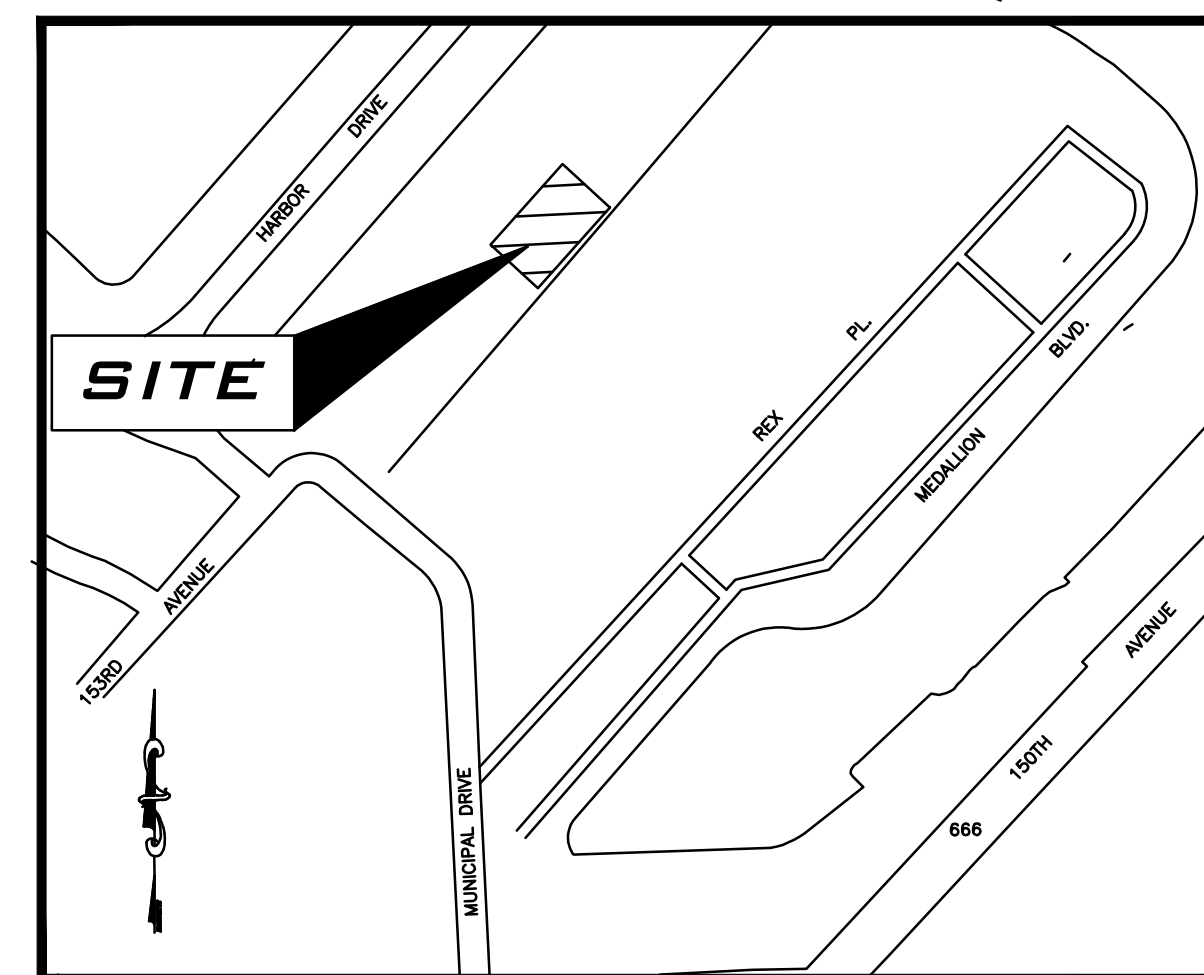


MADEIRA BEACH DOG PARK
FACILITY RENOVATIONS & EXPANSION
300 MUNICIPAL DRIVE, CITY OF MADEIRA BEACH, FLORIDA

INDEX OF DRAWINGS

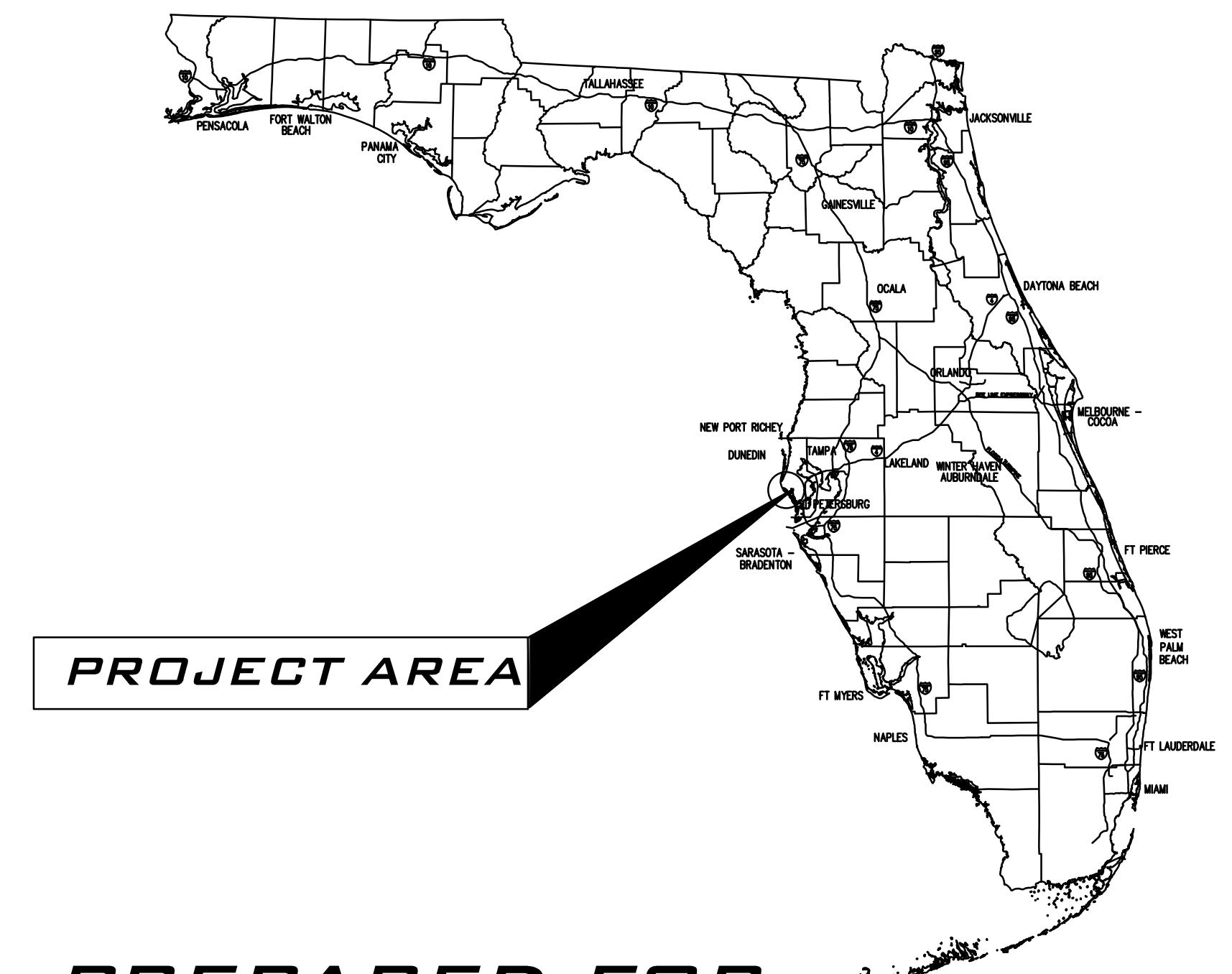
<u>DRAWING TITLE</u>	<u>SHEET NO.</u>
COVER SHEET	1
EXIST. CONDITIONS, DEMO, EROSION	2
SITE PLAN	3
HARDSCAPE ELEMENTS	4
BOARDWALK DETAILS	5 & 6
PRELIMINARY CANOPY STRUCTURAL DETAILS	7
LANDSCAPE PLAN & DETAILS	8
IRRIGATION PLAN	9
IRRIGATION DETAILS	10

VICINITY MAP



CITY OF MADEIRA BEACH, PINELLAS COUNTY

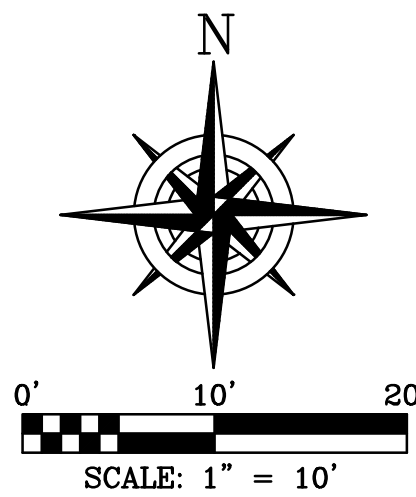
LOCATION MAP



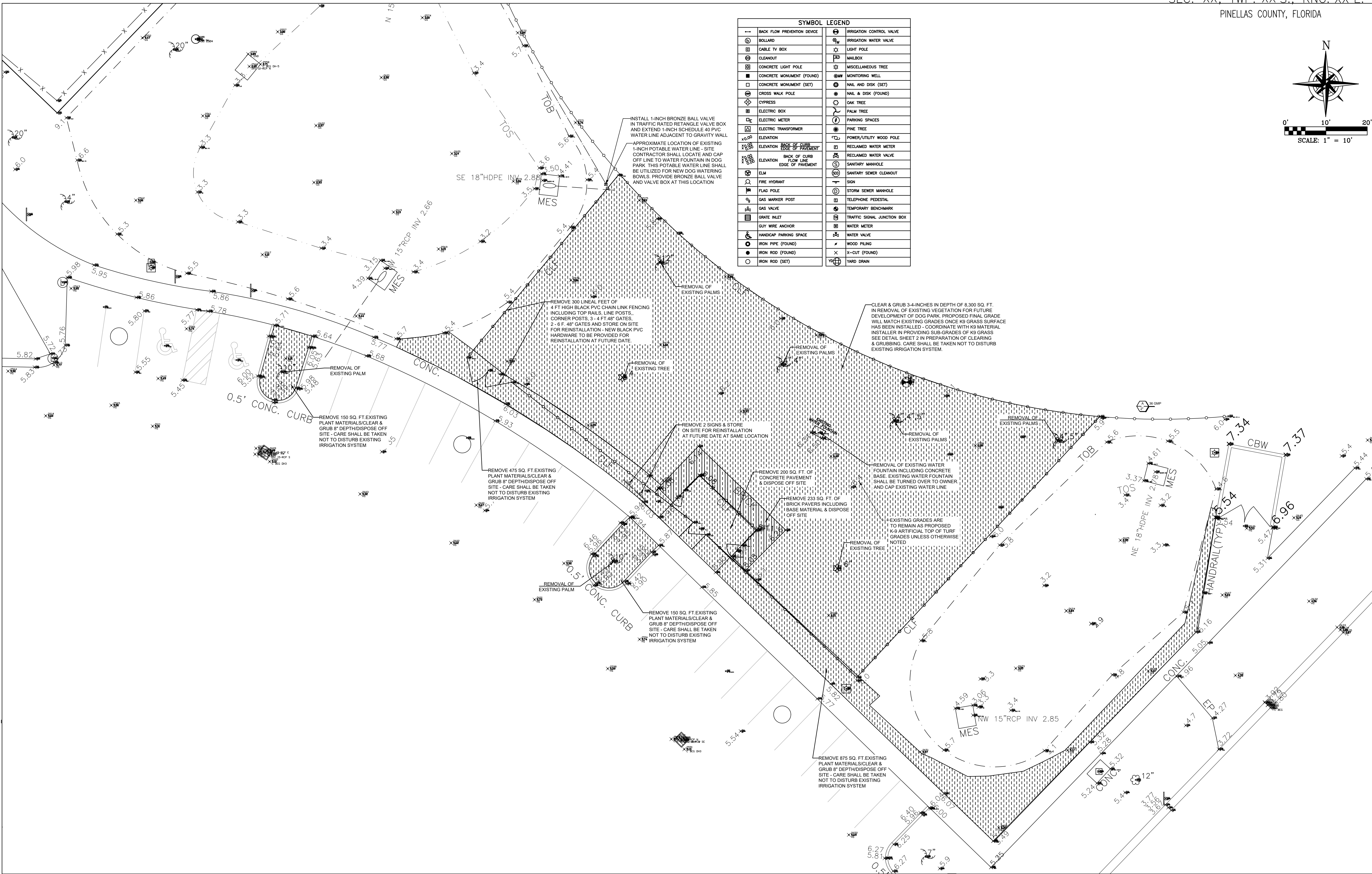
PROJECT AREA

PREPARED FOR

***CITY OF MADEIRA BEACH
FACILITY RENOVATIONS & EXPANSION
300 MUNICIPAL DRIVE
CITY OF MADEIRA BEACH, FLORIDA 33708***



SYMBOL LEGEND			
—	BACK FLOW PREVENTION DEVICE	⊗	IRRIGATION CONTROL VALVE
⊙	BOLLARD	⊕	IRRIGATION WATER VALVE
⊠	CABLE TV BOX	☆	LIGHT POLE
⊕	CLEANOUT	⊠	MAILBOX
⊠	CONCRETE LIGHT POLE	☆	MISCELLANEOUS TREE
⊠	CONCRETE MONUMENT (FOUND)	⊗	MONITORING WELL
⊠	CONCRETE MONUMENT (SET)	⊕	NAIL AND DISK (SET)
⊠	CROSS WALK POLE	⊕	NAIL & DISK (FOUND)
⊠	CYPRESS	⊕	OAK TREE
⊠	ELECTRIC BOX	⊕	PALM TREE
⊠	ELECTRIC METER	⊕	PARKING SPACES
⊠	ELECTRIC TRANSFORMER	⊕	PINE TREE
⊕	ELEVATION	⊕	POWER/UTILITY WOOD POLE
⊕	ELEVATION	⊕	RECLAIMED WATER METER
⊕	ELEVATION	⊕	RECLAIMED WATER VALVE
⊕	ELEVATION	⊕	SANITARY MANHOLE
⊕	ELM	⊕	SANITARY SEWER CLEANOUT
⊕	FIRE HYDRANT	⊕	SIGN
⊕	FLAG POLE	⊕	STORM SEWER MANHOLE
⊕	GAS MARKER POST	⊕	TELEPHONE PEDESTAL
⊕	GAS VALVE	⊕	TEMPORARY BENCHMARK
⊕	GRATE INLET	⊕	TRAFFIC SIGNAL JUNCTION BOX
⊕	GUY WIRE ANCHOR	⊕	WATER METER
⊕	HANDICAP PARKING SPACE	⊕	WATER VALVE
⊕	IRON PIPE (FOUND)	⊕	WOOD PILING
⊕	IRON ROD (FOUND)	⊕	X-CUT (FOUND)
⊕	IRON ROD (SET)	⊕	YARD DRAIN



Jan 19, 2023 1:12pm I:\QAD Projects\Projects_LSP X Drive\2022\SE22.417.00 Madeira Beach Dog Park Renovation\Engineering\Auto\SE22-417-T DOG PARK MASTER DEVELOPMENT PLAN 4-13-2023.dwg

REV.#	DESCRIPTION	DATE	BY

TRANSYSTEMS

565 SOUTH HERCULES AVENUE
CLEARWATER, FL 33764
PHONE 727.822.4151
WWW.TRANSYSTEMS.COM

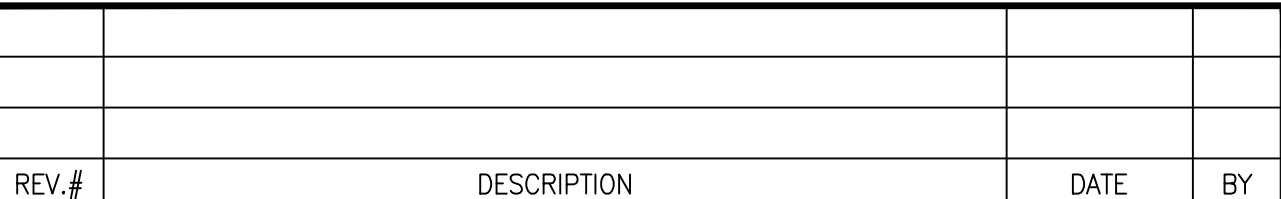
EXISTING COND. & DEMOLITION PLAN
MADEIRA BEACH DOG PARK
300 MUNICIPAL DRIVE
CITY OF MADEIRA BEACH FLORIDA

I, LEROY CHIN, HEREBY CERTIFY AS A LICENSED PROFESSIONAL LANDSCAPE ARCHITECT, REGISTERED IN ACCORDANCE WITH FLORIDA STATUTE 497 (481) THAT THE ABOVE PROJECT'S SITE AND/OR CONSTRUCTION PLANS, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, WILL MEET APPLICABLE DESIGN CRITERIA SPECIFIED BY CITY MUNICIPAL ORDINANCE, STATE AND FEDERAL ESTABLISHED STANDARDS. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT'S PROFESSIONAL LANDSCAPE ARCHITECT TO PERFORM A QUALITY ASSURANCE REVIEW OF THESE SUBMITTED PLANS.

LEROY CHIN, FL RLA 1206

NOT A BOUNDARY SURVEY

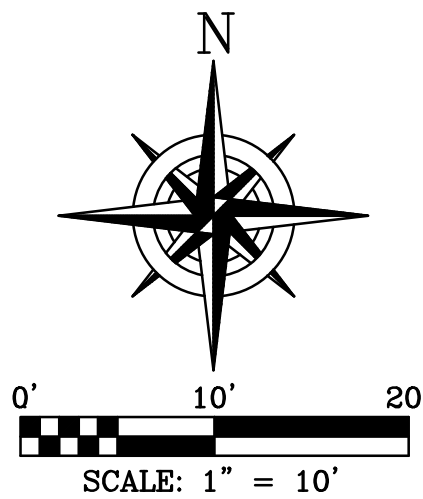
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SHEET NO.	2 OF 10



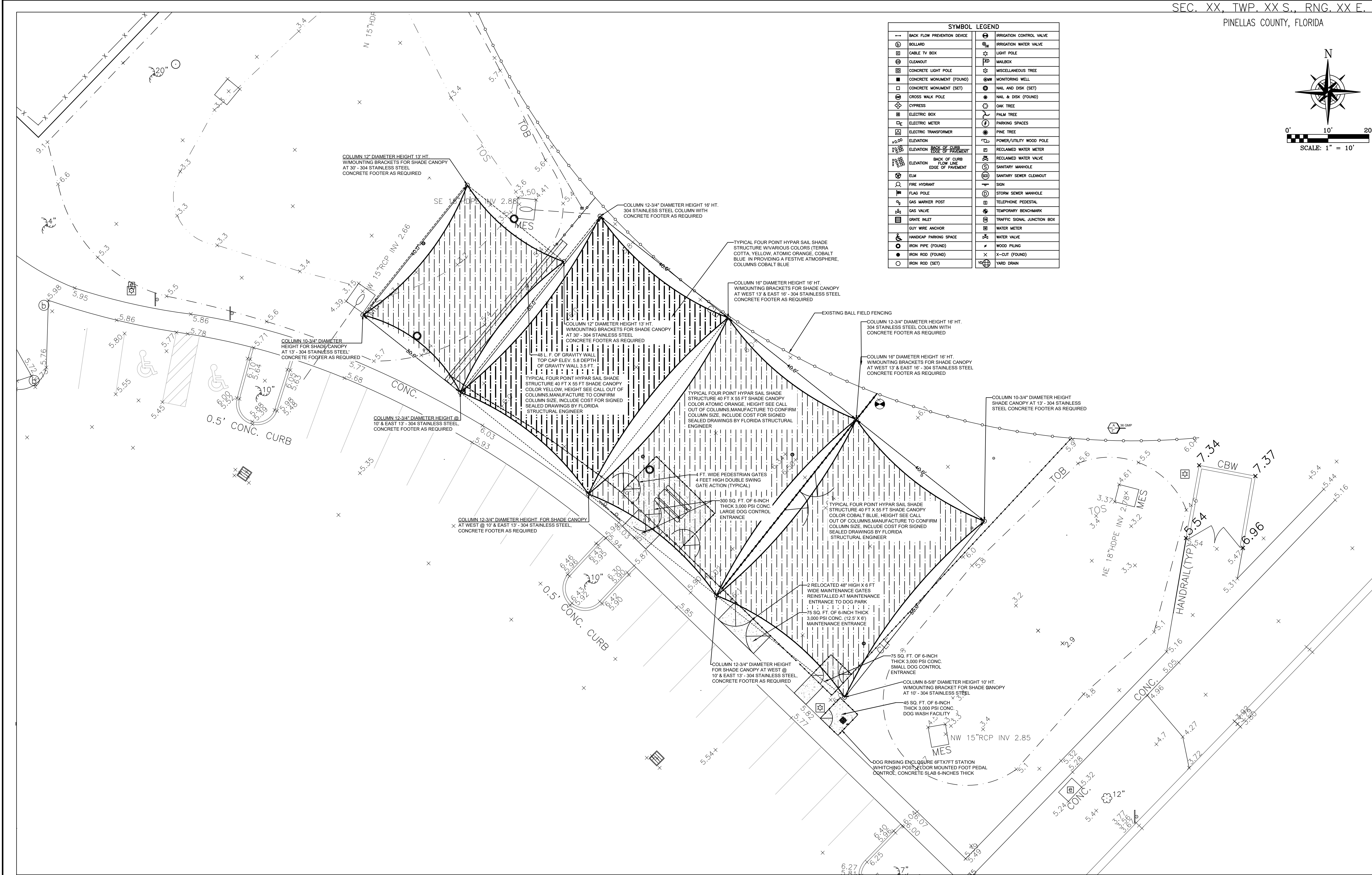
FLORIDA

LEROY CHIN, FL RLA 1206

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DATE:	6/12/2023		
DRAWN BY: LC	FB: xxx	PG: xxx	
SCALE:	1" = 10'		
SHEET NO. 3 OF 10			



SYMBOL LEGEND	
BACK FLOW PREVENTION DEVICE	IRRIGATION CONTROL VALVE
BOLLARD	IRRIGATION WATER VALVE
CABLE TV BOX	LIGHT POLE
CLEANOUT	MAILBOX
CONCRETE LIGHT POLE	MISCELLANEOUS TREE
CONCRETE MONUMENT (FOUND)	MONITORING WELL
CONCRETE MONUMENT (SET)	NAIL AND DISK (SET)
CROSS WALK POLE	NAIL & DISK (FOUND)
CYPRESS	OAK TREE
ELECTRIC BOX	PALM TREE
ELECTRIC METER	PARKING SPACES
ELECTRIC TRANSFORMER	PINE TREE
ELEVATION	POWER/UTILITY WOOD POLE
ELEVATION BACK OF CURB	RECLAIMED WATER METER
ELEVATION EDGE OF PAVEMENT	RECLAIMED WATER VALVE
ELEVATION BACK OF CURB	SANITARY MANHOLE
ELEVATION FLOW LINE	SANITARY SEWER CLEANOUT
ELEVATION EDGE OF PAVEMENT	SIGN
ELM	STORM SEWER MANHOLE
FIRE HYDRANT	TELEPHONE PEDESTAL
FLAG POLE	TEMPORARY BENCHMARK
GAS MARKER POST	TRAFFIC SIGNAL JUNCTION BOX
GAS VALVE	WATER METER
GRATE INLET	WATER VALVE
GUY WIRE ANCHOR	WOOD PILING
HANDICAP PARKING SPACE	X-CUT (FOUND)
IRON PIPE (FOUND)	YARD DRAIN
IRON ROD (FOUND)	
IRON ROD (SET)	



Jun 19, 2023 -- 5:12pm I:\CAD Projects\Projects\SE22-417-00 Madeira Beach Dog Park Renovation\Engineering\Wood\SE22-417-00 DGS PARK MASTER DEVELOPMENT PLAN 4-13-2023.dwg

REV.#	DESCRIPTION	DATE	BY

TRANSYSTEMS

565 SOUTH HERCULES AVENUE
CLEARWATER, FL 33764
PHONE 727.822.4151
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HARDSCAPE ELEMENT SITE PLAN
MADEIRA BEACH DOG PARK
300 MUNICIPAL DRIVE

FLORIDA

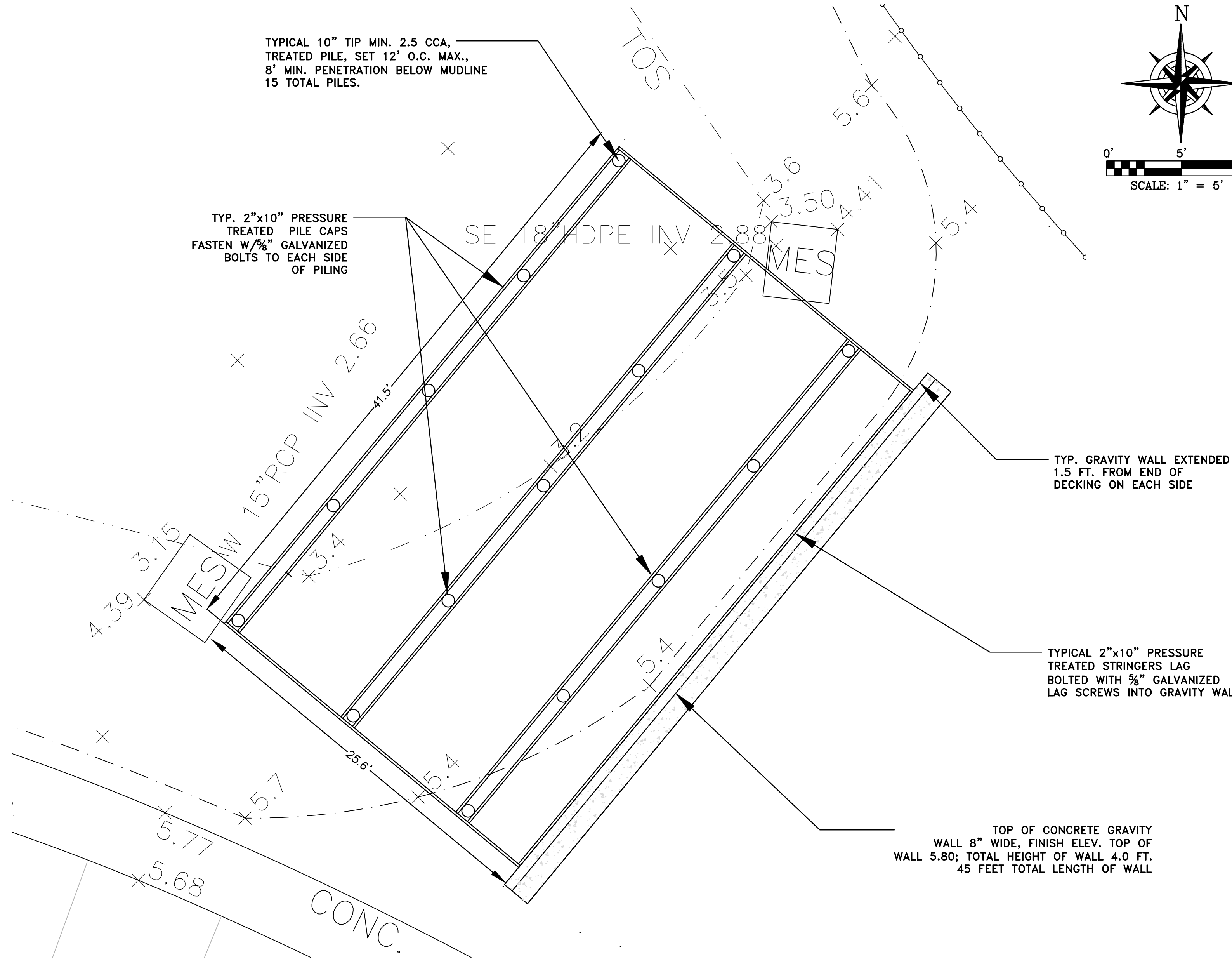
I, LEROY CHIN, HEREBY CERTIFY AS A LICENSED PROFESSIONAL LANDSCAPE ARCHITECT, REGISTERED IN ACCORDANCE WITH FLORIDA STATUTE 471 (461) THAT THE ABOVE PROJECT'S SITE AND/OR CONSTRUCTION PLANS, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, WILL MEET APPLICABLE DESIGN CRITERIA SPECIFIED BY CITY MUNICIPAL, ORNANCE, STATE AND FEDERAL ESTABLISHED STANDARDS. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT'S PROFESSIONAL LANDSCAPE ARCHITECT TO PERFORM A QUALITY ASSURANCE REVIEW OF THESE SUBMITTED PLANS.

LEROY CHIN, FL RLA 1206

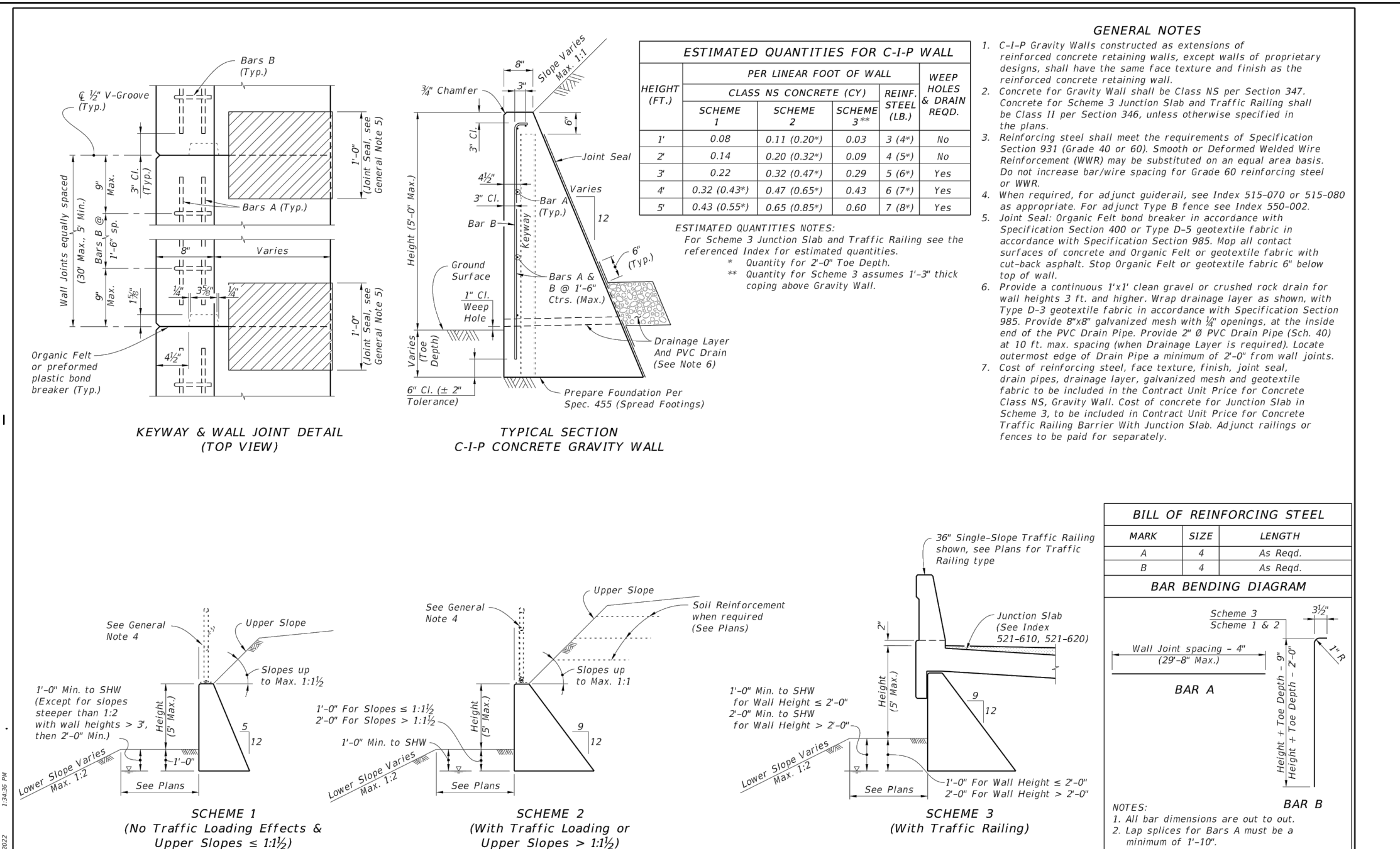
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FB: xxx	PG: xxx
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SHEET NO.	4 OF 10

Jun 19, 2023 - 11:06pm I:\CAD Projects\Projects_LSP\X Drive\2022\SE22-417-00 Madeira Beach Dog Park Renovations\Engineering\Notes\SE22-417-00 DOG PARK MASTER DEVELOPMENT PLAN 4-13-2023.dwg



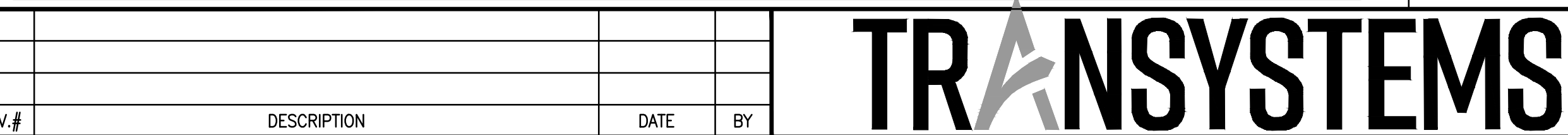
LAYOUT OF BOARDWALK PILES & PILE CAPS
SCALE: NTS



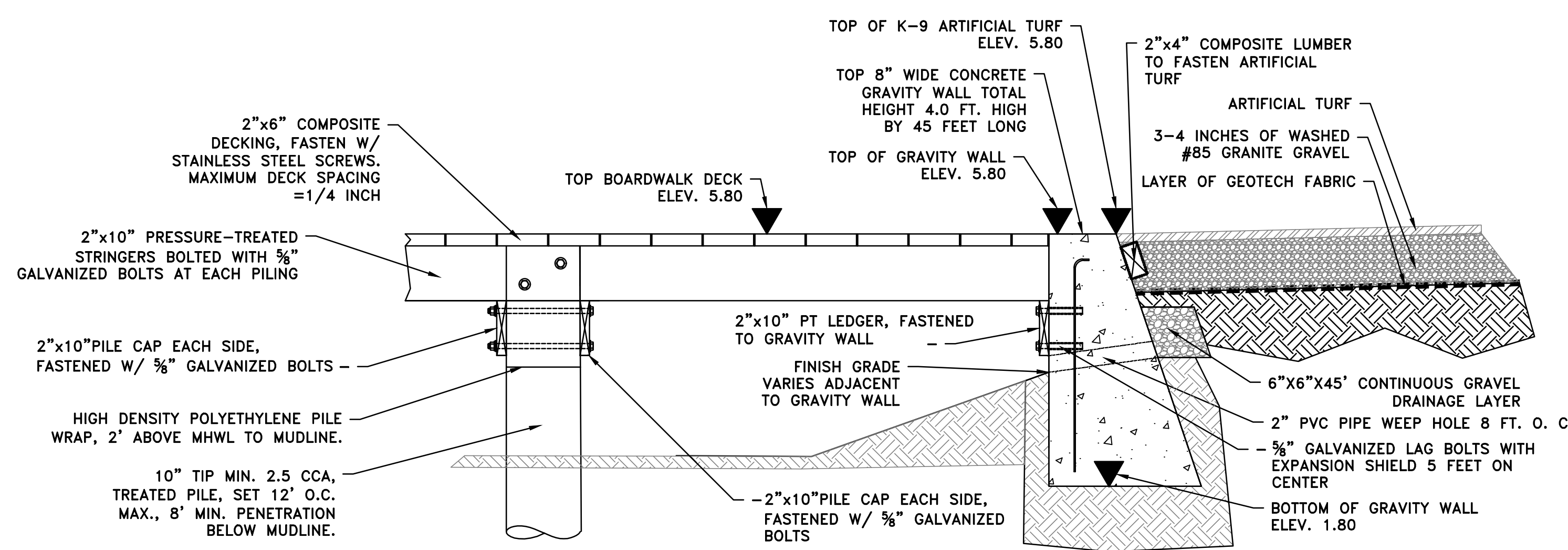
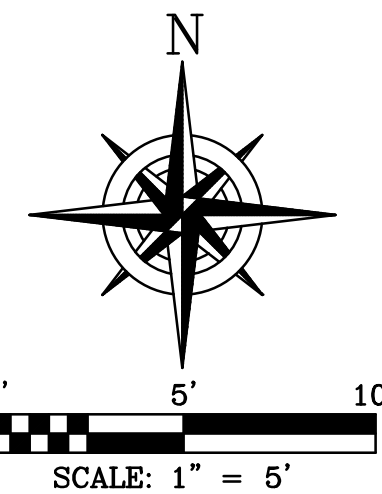
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LAST REVISION	DESCRIPTION
11/01/17	1.00

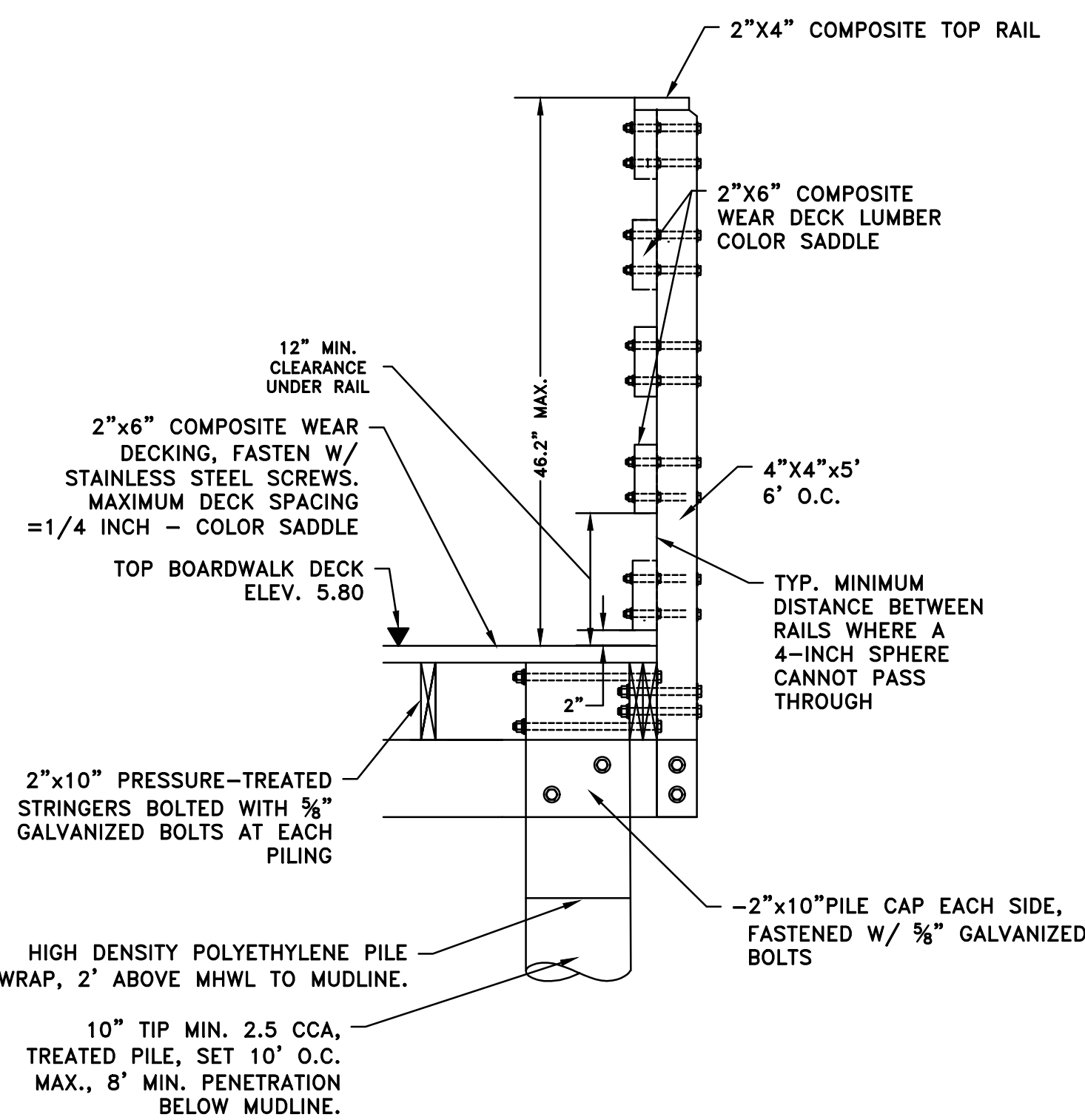
FDOT	FY 2023-24
STANDARD PLANS	GRAVITY WALL
INDEX	400-011
SHEET	1 of 1



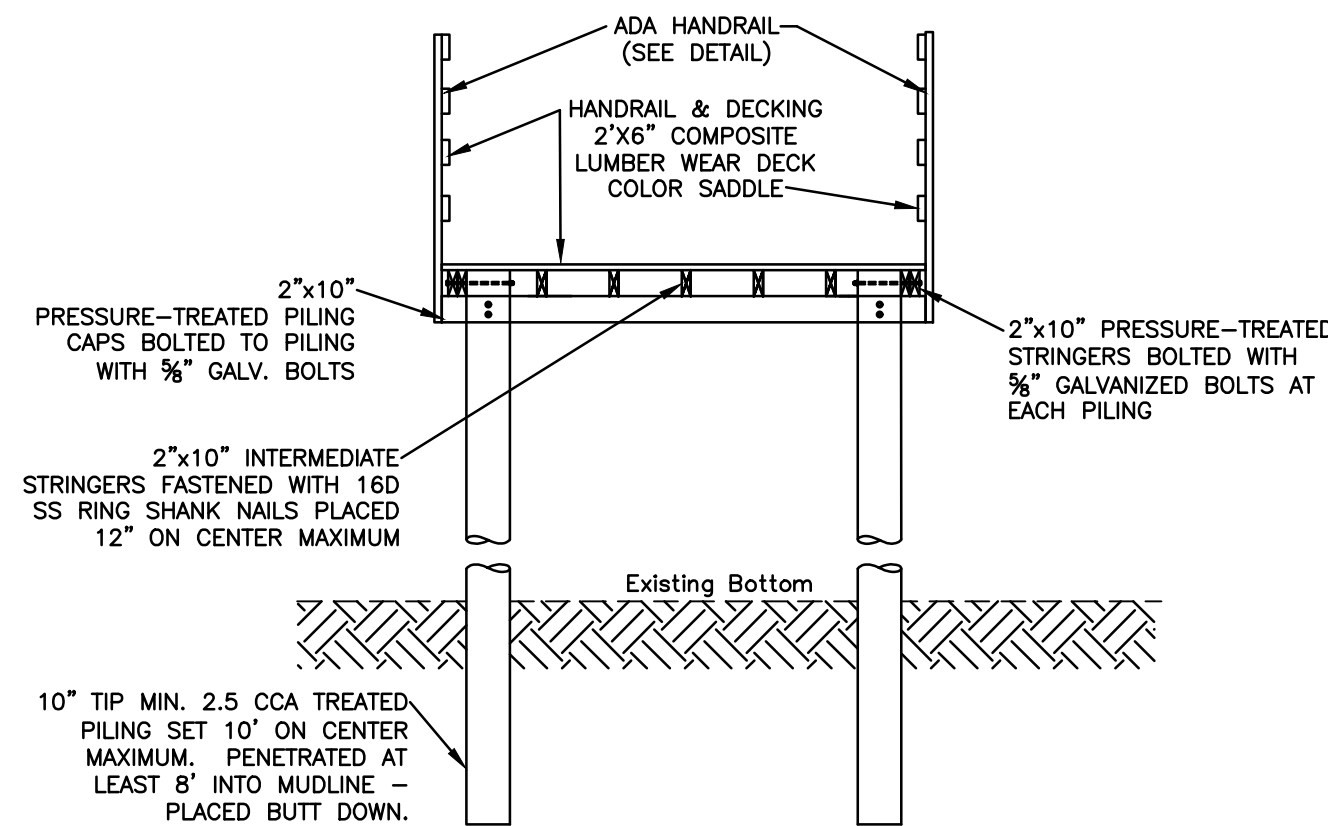
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CLEARWATER, FL 33764
PHONE 727.822.4151
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CROSS SECTION AT BOARDWALK
& DOG RUN AT GRAVITY WALL - NTS



TYPICAL 46.2" HIGH BOARDWALK HANDRAIL
CROSS SECTION - NTS



- GENERAL NOTES:
- ALL CONSTRUCTION TO MEET OR EXCEED PINELLAS COUNTY LAND DEVELOPMENT CODE SECTION 166.
 - PILING SPACING (CENTER TO CENTER) TO BE 10 FEET NOMINAL.
 - NAIL ALL JOINTS WITH 30D GALVANIZED NAILS BEFORE BOLTING.
 - SCREW COMPOSITE DECKING TO EACH STRINGER WITH SS #504 SCREWS.
 - ALL BOLTS, NUTS & WASHERS SHALL BE GALVANIZED.
 - ALL TIMBER PILES SHALL BE SOUTHERN PINE GRADE ONE (1) & TREATED 2.5 P.C.F. OF C.C.A. (10" MINIMUM TIP DIAMETER).
 - ALL PILING TO BE SEATED WITH FREE FALLING HAMMER LAST 2 FEET MINIMUM.
 - ALL FRAMING, CAPS AND STRINGERS SHALL BE SOUTHERN PINE GRADE ONE (1), FINISHED RS, & TREATED W/0.6 OF C.C.A.
 - STRINGER LAP JOINTS = 4 FEET MIN. FOR DOUBLE STRINGERS.
 - 2 FEET MIN. FOR INTERMEDIATE STRINGERS.
 - ALL PLANKS (COMPOSITE) AND POSTS SHALL BE SOUTHERN PINE GRADE ONE (1), FINISHED S4S AND TREATED WITH 0.4 P.C.F. OF C.C.A.
 - ALL PERIMETER FRAMING TO BE DOUBLE 2"x10".

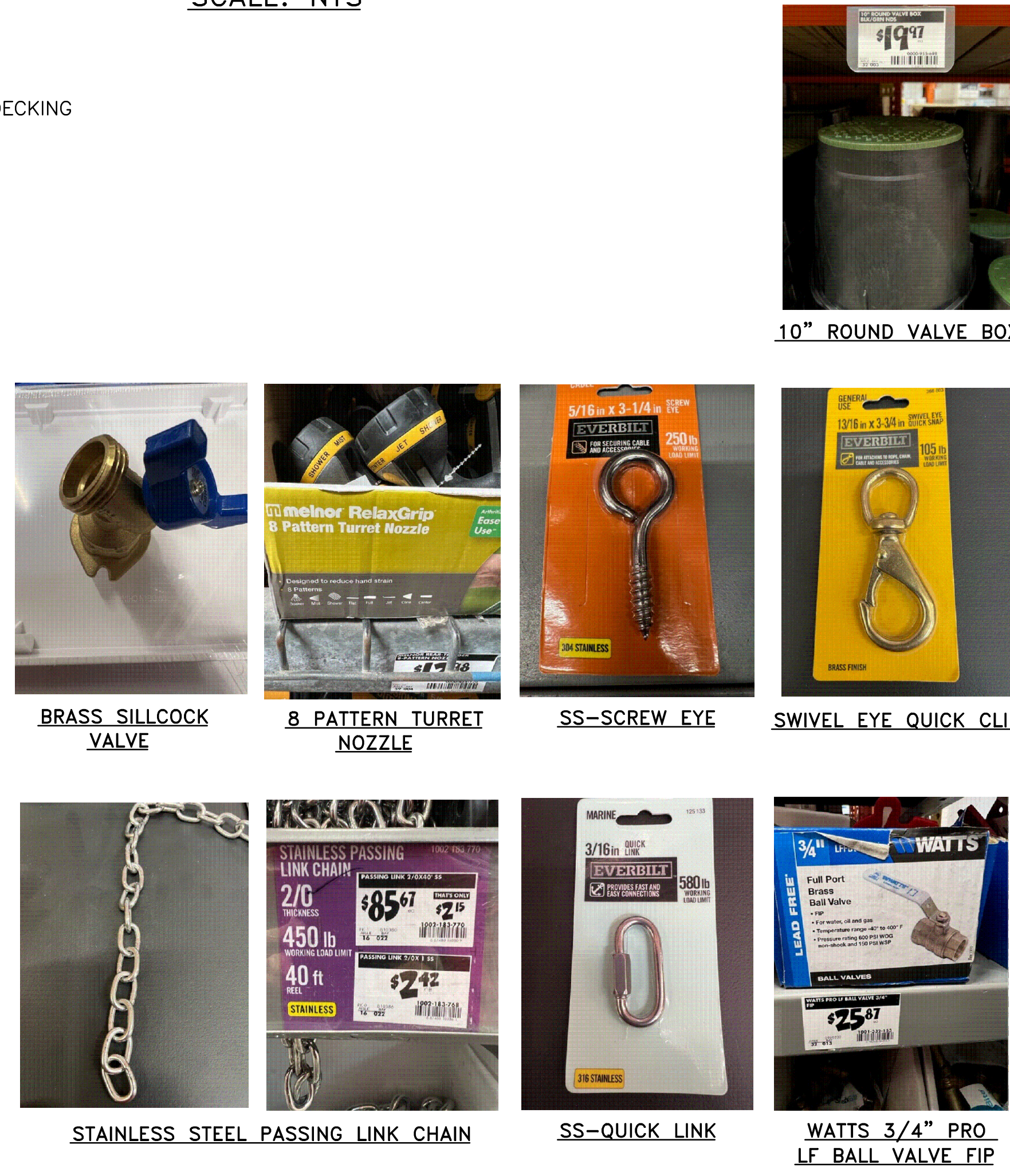
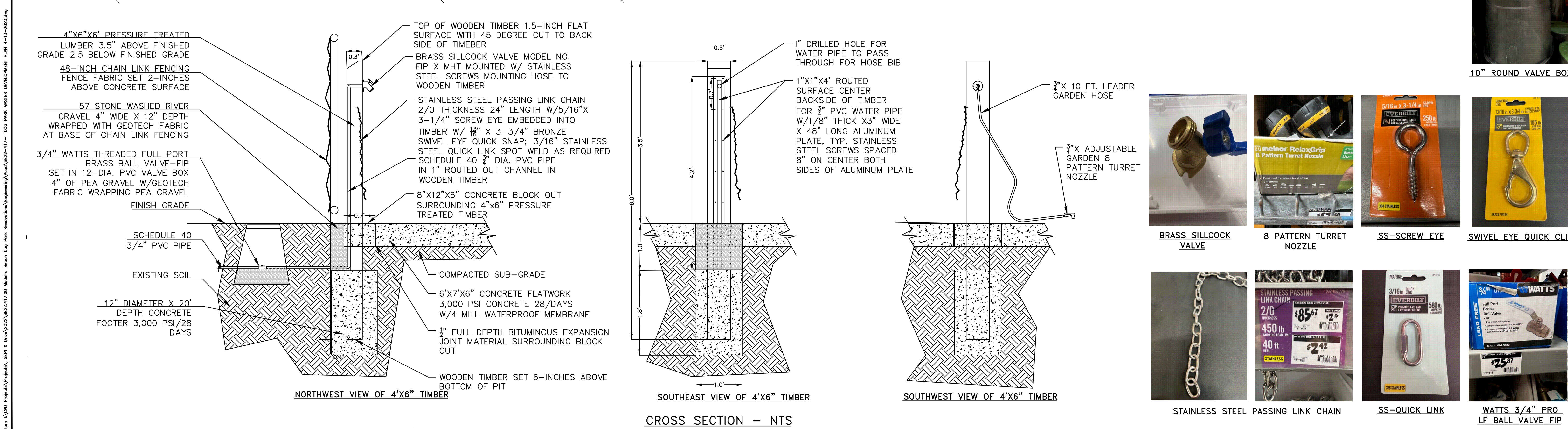
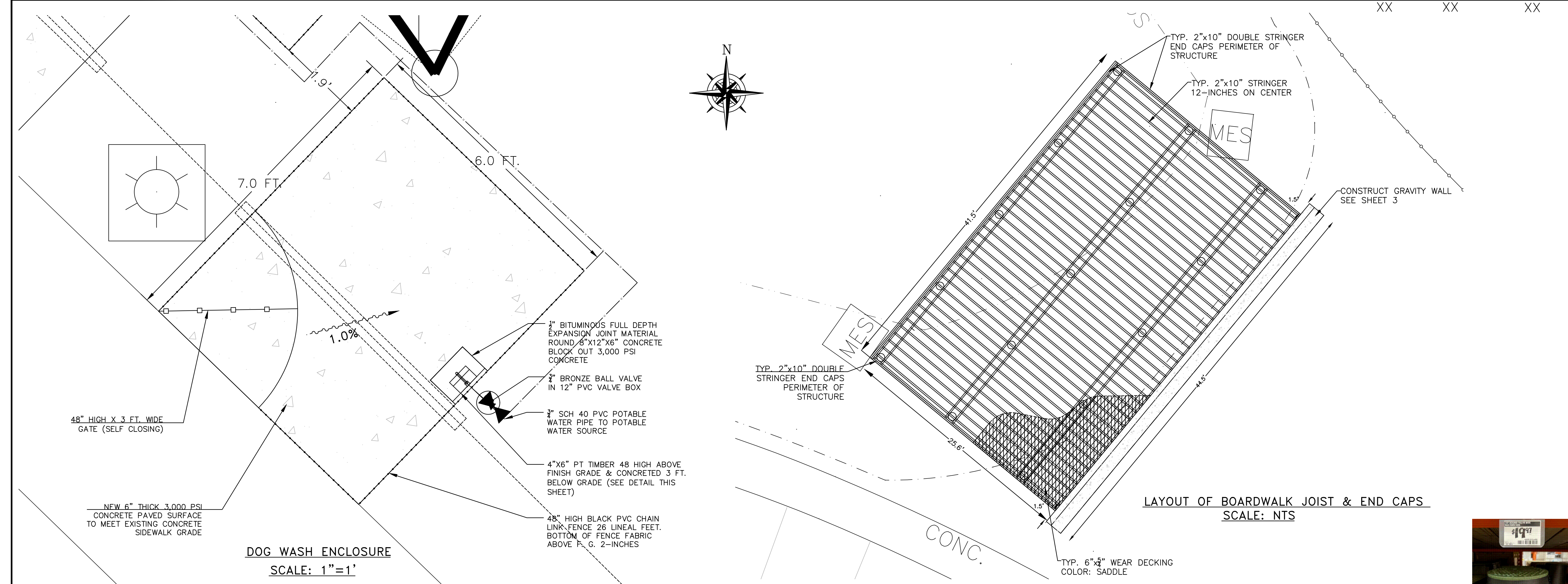
TYPICAL CROSS SECTION OF BOARDWALK - NTS

BOARDWALK PILING LAYOUT & DETAILS
MADEIRA BEACH DOG PARK
300 MUNICIPAL DRIVE
CITY OF MADEIRA BEACH
FLORIDA

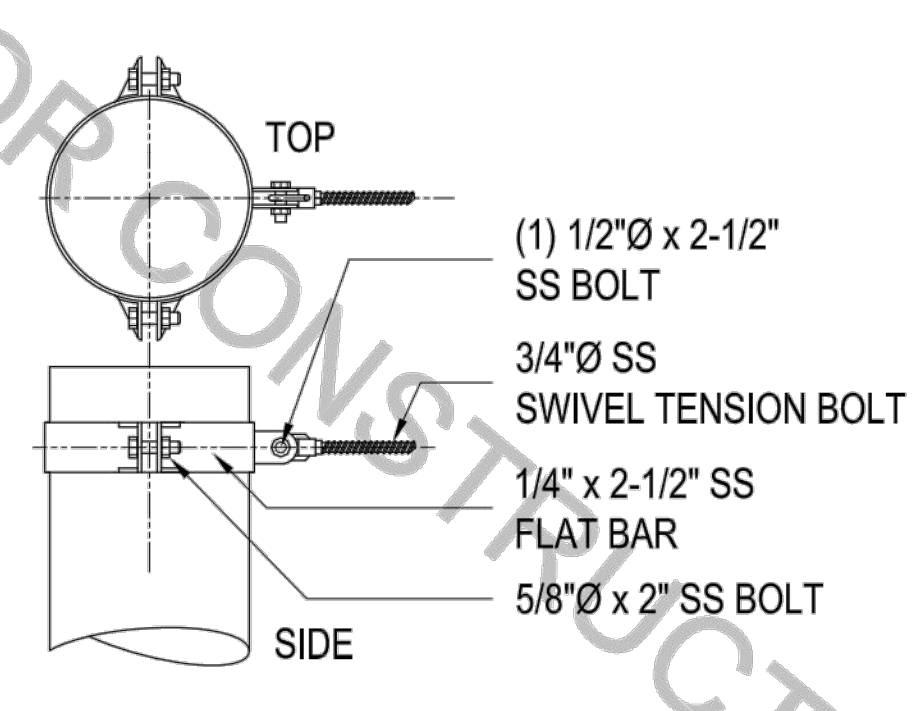
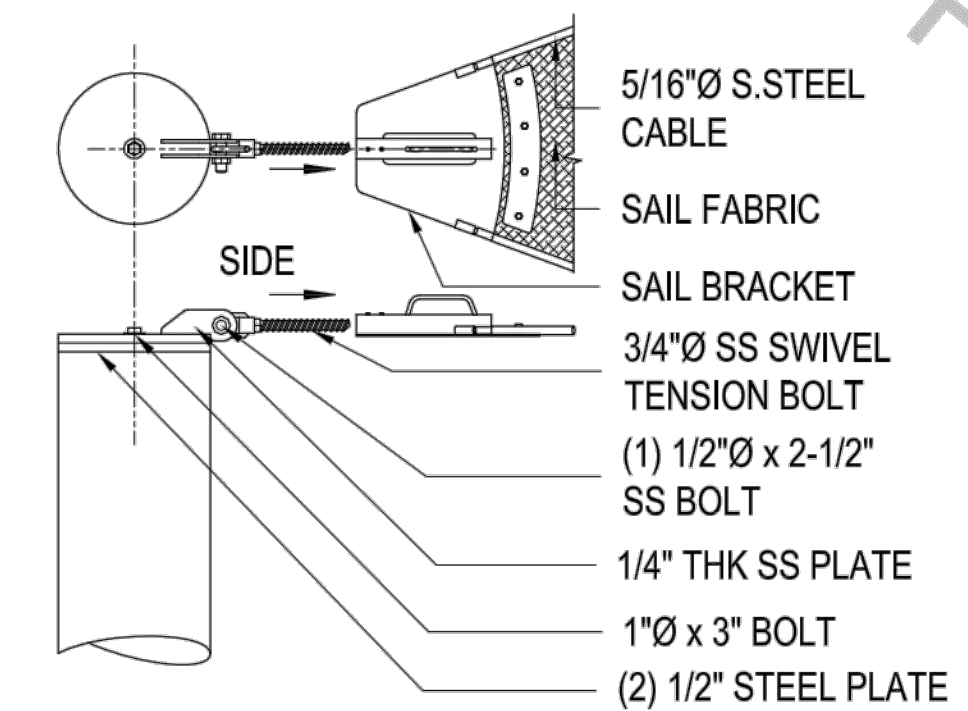
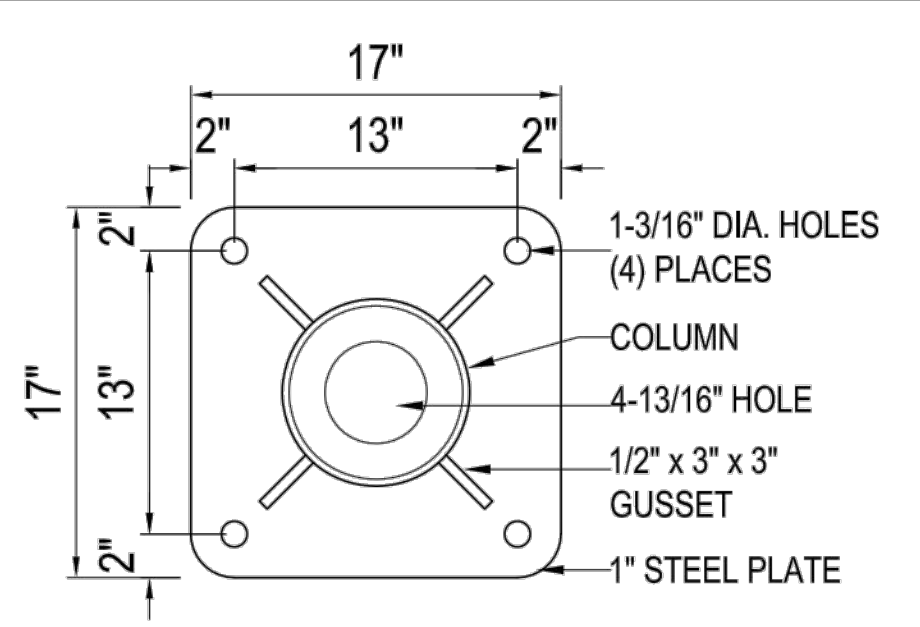
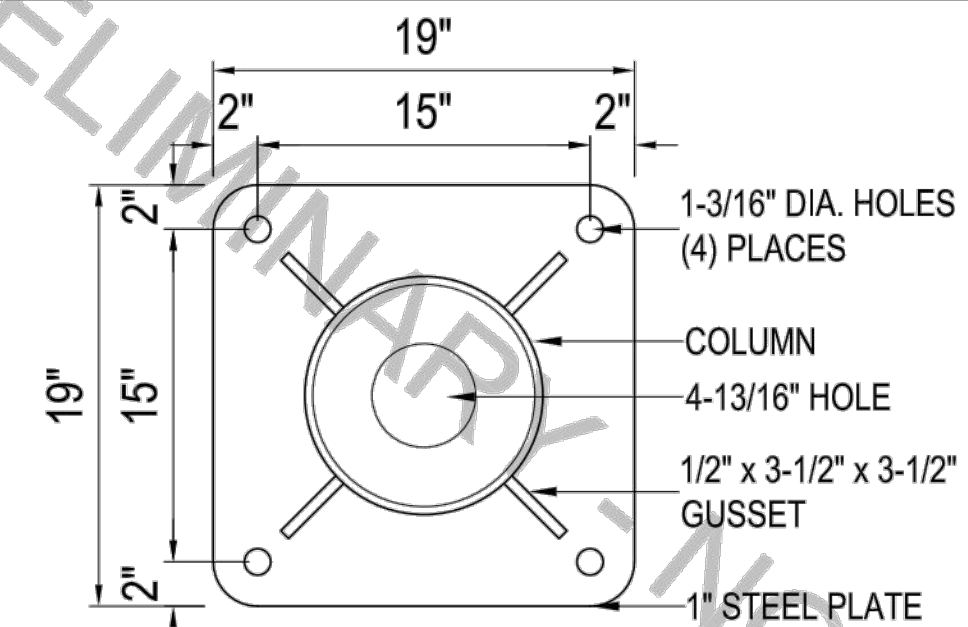
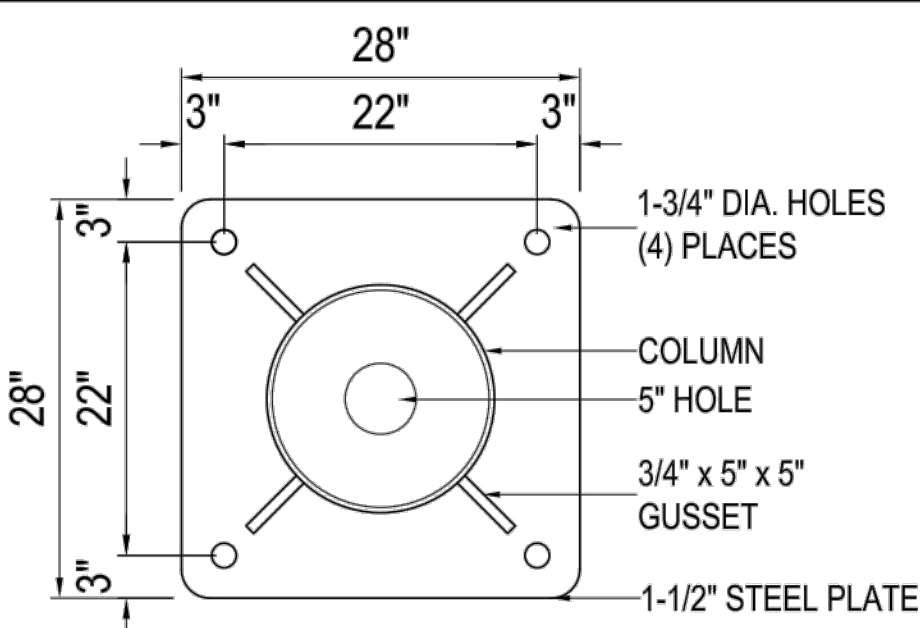
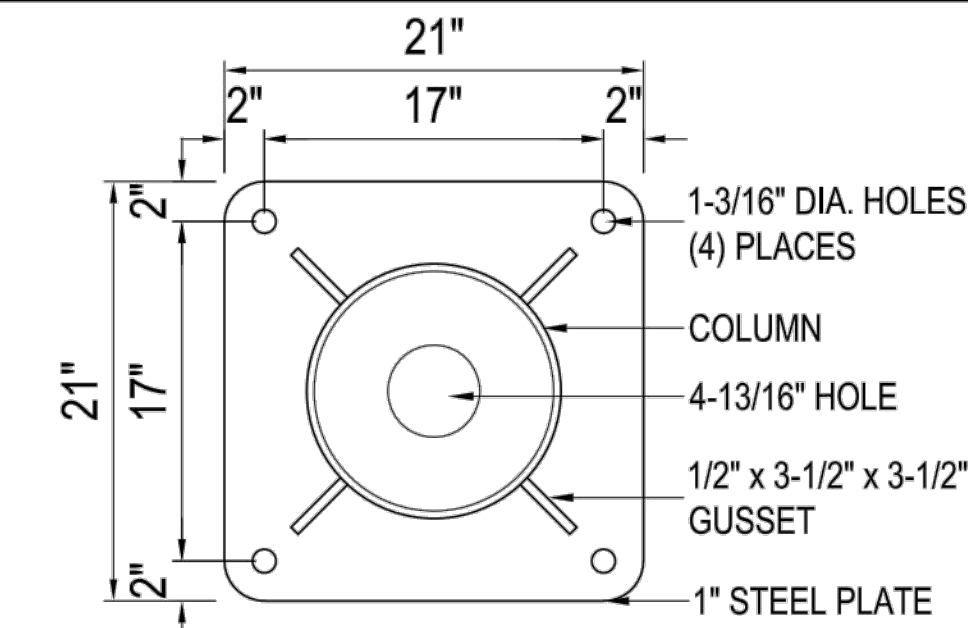
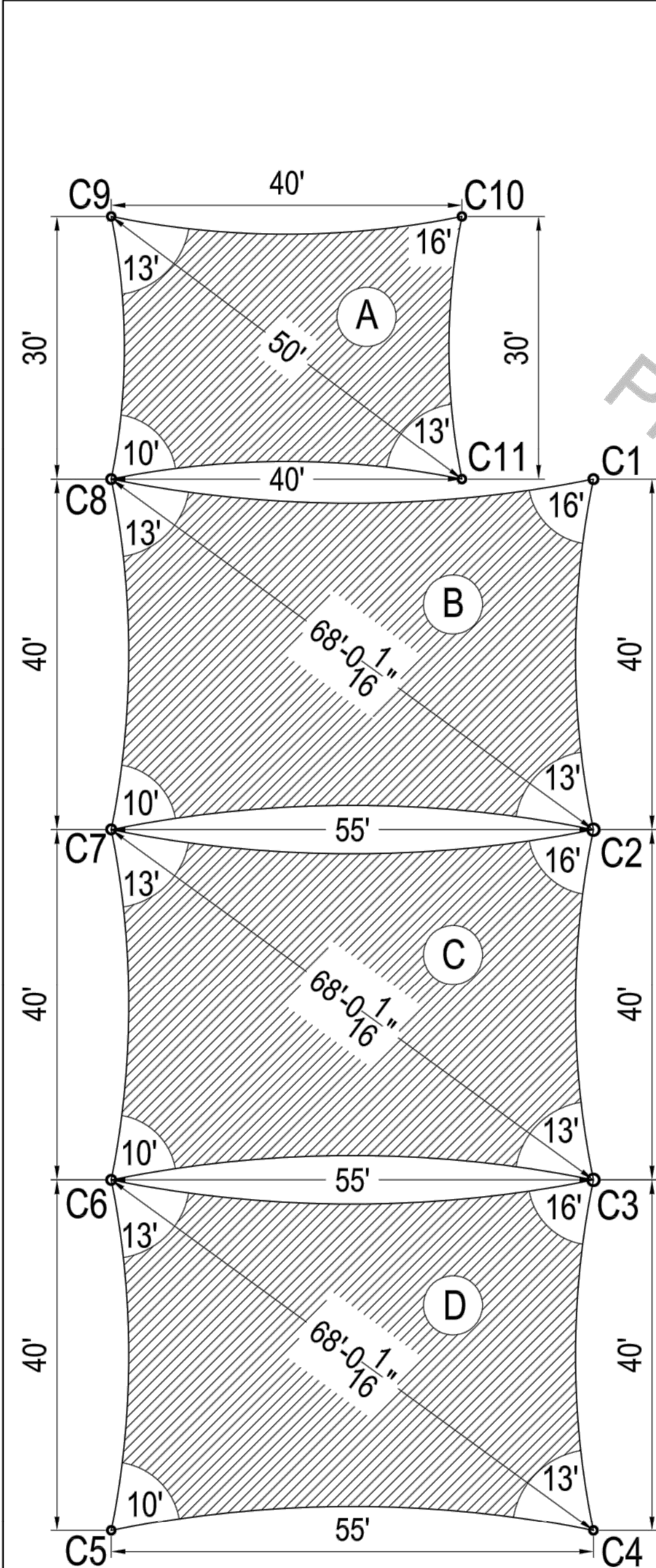
I, ALBERT CARRIER, HEREBY CERTIFY AS A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN ACCORDANCE WITH FLORIDA STATUTE 471 (481) THAT THE ABOVE PROJECT'S SITE AND/OR CONSTRUCTION PLANS, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, WILL MEET APPLICABLE DESIGN CRITERIA SPECIFIED BY CITY MUNICIPAL ORDINANCE, STATE AND FEDERAL ESTABLISHED STANDARDS. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT'S PROFESSIONAL ENGINEER TO PERFORM A QUALITY ASSURANCE REVIEW OF THESE SUBMITTED PLANS.

PROJECT NUMBER	SE22.417.00
DATE:	6/12/2023
DRAWN BY:	LC [FB: xxx PG: xxx]
SCALE:	1" = 10'
SHEET NO.	5 OF 10

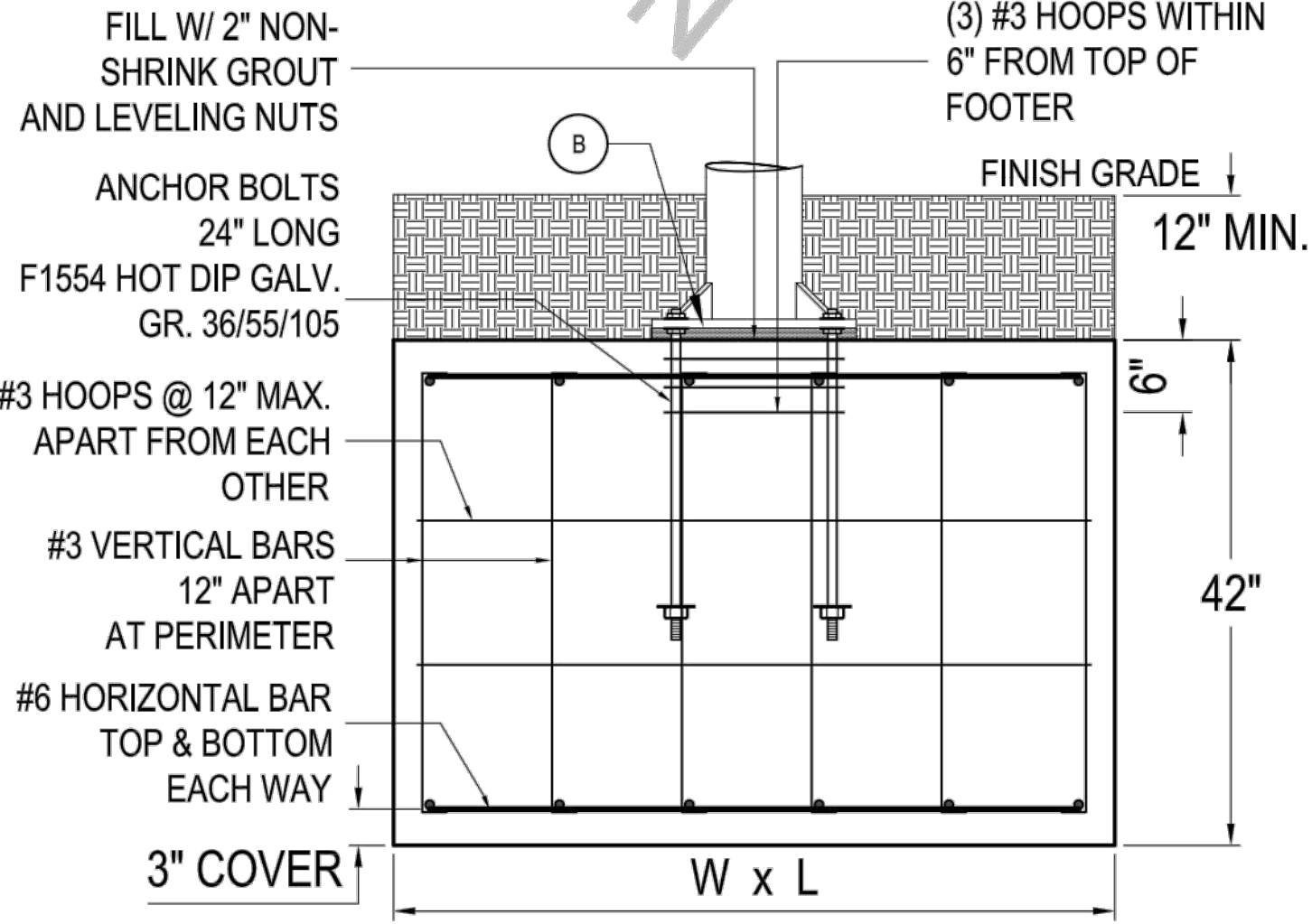
ALBERT P. CARRIER, P.E. 53990



IMPORTANT: The footings sizes provided are estimated only. Depending on local conditions, actual engineered concrete footings may be substantially larger than estimates provided herein. Shade Systems is not responsible for actual engineered footings sizes differing from the estimates given or for any additional concrete installation costs which may be incurred by you as a result thereof.



	STEEL COLUMN	FOOTER W x L	ANCHOR BOLT SIZE	NUMBER OF HORIZONTAL REBARS EACH WAY
C1	12-3/4" DIA. X .375" WALL	92" X 92"	1"Ø	9
C2	16" DIA. X .375" WALL	120" X 120"	1-1/2"Ø	11
C3	16" DIA. X .375" WALL	120" X 120"	1-1/2"Ø	11
C4	10-3/4" DIA. X .365" WALL	88" X 88"	1"Ø	8
C5	8-5/8" DIA. X .322" WALL	66" X 66"	1"Ø	6
C6	12-3/4" DIA. X .365" WALL	112" X 112"	1"Ø	10
C7	12-3/4" DIA. X .365" WALL	112" X 112"	1"Ø	10
C8	12-3/4" DIA. X .365" WALL	112" X 112"	1"Ø	10
C9	10-3/4" DIA. X .365" WALL	64" X 64"	1"Ø	6
C10	10-3/4" DIA. X .365" WALL	64" X 64"	1"Ø	6
C11	8-5/8" DIA. X .322" WALL	64" X 64"	1"Ø	6



GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE 7TH EDITION AND ASCE 7-16 TO THE FOLLOWING DESIGN CRITERIA:

RISK CATEGORY	STRUCTURE WITH FABRIC CANOPY REMOVED
EXPOSURE	C
BASIC WIND SPEED	105 MPH

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.

3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- ALL BOLTS MUST BE SNUG TIGHT. THE SNUG TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH THE FULL EFFORT OF A TYPICAL WORKER USING AN ORDINARY SPUD WRENCH TO BRING THE NUTS INTO FIRM CONTACT. SNUG TIGHT IS THE CONDITION THAT EXISTS WHEN ALL THE NUTS IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.

5- THE FABRIC IS READILY REMOVABLE AND NEED TO BE REMOVED IF WIND SPEED MORE THAN 75 MPH IS EXPECTED. THIS COMPLIES WITH "QUICK REMOVAL" PER 2020 FLORIDA BUILDING CODE 7TH EDITION PER SECTION 3105.4.2.1

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-86 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:

1- COOLNET™ SHADE FABRICS MEET FIRE STANDARDS FOR SHADE FABRICS INCLUDING CSFM 1237.1 AND NFPA 701 ACROSS ALL COLOR VARIANTS.

THIS DOCUMENT AND ITS CONTENTS ARE THE PROPERTY OF SHADE SYSTEMS, INC. AND CANNOT BE MODIFIED, USED, OR RESOLD TO ANY PERSON OR ENTITY WITHOUT WRITTEN PERMISSION FROM SHADE SYSTEMS, INC. REPRODUCTION OF THESE PLANS, EITHER IN WHOLE OR IN PART, INCLUDING ANY FORM OF COPYING AND/OR PREPARATION OF DERIVATIVE WORKS THEREOF, FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION FROM SHADE SYSTEMS, INC. IS STRICTLY PROHIBITED. © 2023 SHADE SYSTEMS INC.

NOTE TO OWNER: OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 75 MPH.

Shade systems
4150 S.W. 19 Street
Ocala, FL 34474
Tel.: 1-800-609-6066

NOTE: PRELIMINARY AND TENTATIVE DRAWING. NOT FOR CONSTRUCTION. ALL INFORMATION SHOWN IS SUBJECT TO CHANGE BY MANUFACTURER PRIOR TO DELIVERY. USE ONLY DRAWINGS AND INSTRUCTIONS PROVIDED WITH YOUR ORDER FOR CONSTRUCTION

Madeira Beach Dog Park
Madeira Beach, FL

Approved:

Model Name: CUSTOM SAIL SHADE SYSTEMS STRUCTURE
Model No.: SAIL

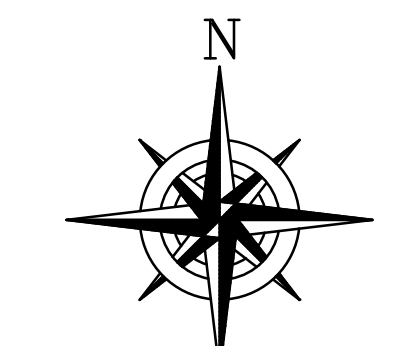
Revisions

REP:

REP QTE. NO.

Approved: JRB Job: QTE
Checked: MG
Drawn: NB
Date: 03/08/2023
NOT TO SCALE

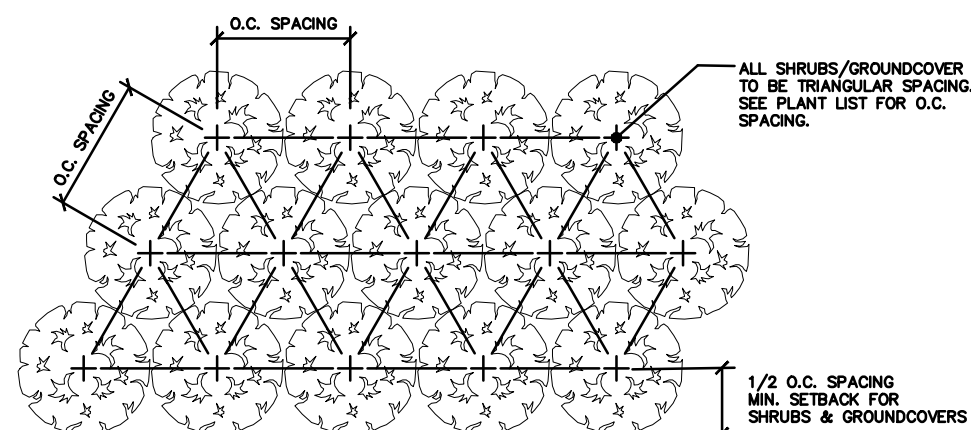
DRAWING OF CANOPY STRUCTURE IS PRELIMINARY AND UPON EXECUTED CONTRACT THE MANUFACTURE SHALL PROVIDE 4 SETS OF SIGNED SEALED STRUCTURAL DRAWINGS INCLUDING FOOTINGS BY A FLORIDA STRUCTURAL ENGINEER FOR OWNER/CONTRACTOR TO SUBMIT STRUCTURAL DRAWINGS FOR BUILDING PERMIT



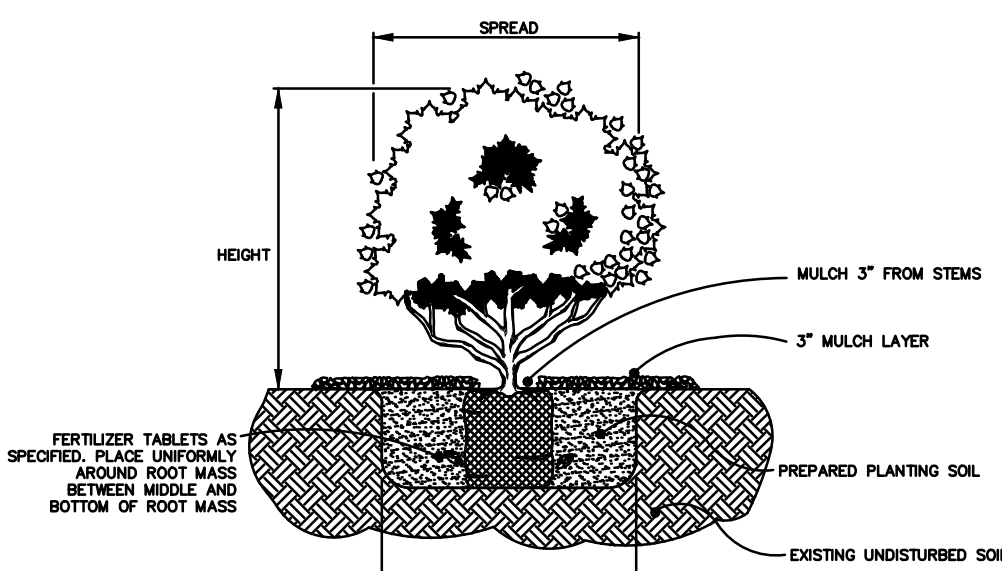
0' 10' 20'
SCALE: 1" = 10'

GENERAL NOTES:

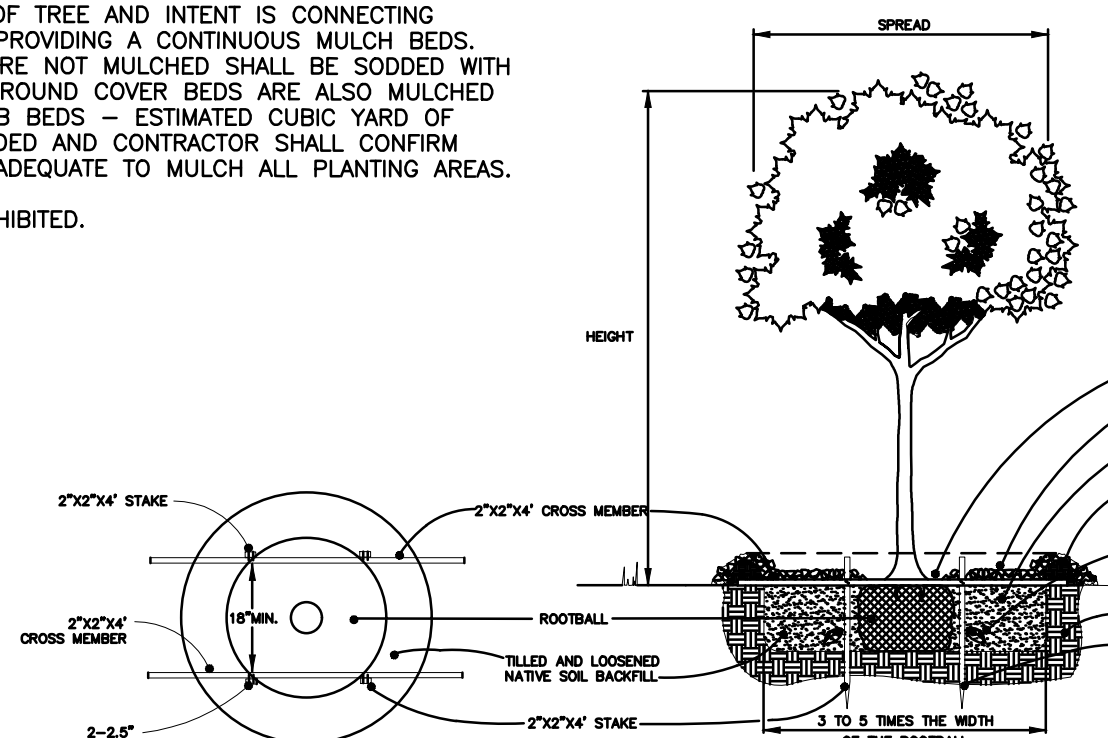
1. CALL 811 FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OF THE SITE. ALL PLANT MATERIAL SHALL BE FL GRADE #1. OWNER SHALL INSPECT TREES PRIOR TO OFF LOADING FROM TRUCK. ALL REJECTED TREES SHALL BE REMOVED FROM SITE & NEW PLANTS SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR.
2. TREES PALMS SHALL HAVE A MINIMUM 3" DIAMETER TREE RING AT BASE AND MULCHED UNLESS PLANTED WITH GROUNDCOVER PLANTINGS.
3. ALL MULCHED BEDS SHALL BE A MINIMUM/MAXIMUM OF 3" THICK AFTER COMPACTION ALL MULCHING SHALL BE WITH PINE BARK.
4. ALL PLANTINGS SHALL HAVE 100% COVERAGE WITH AUTOMATIC IRRIGATION SYSTEM WITH RAIN SENSOR - DURING PLANTING PROCESS OF ALL PLANTS - TREES SHALL RECEIVE 30 GALLONS OF WATER PER DAY; SHRUBS SHALL RECEIVE 15 GALLONS OF WATER & GROUND COVERS 5 GALLON OF WATER DURING PLANTING INSTALLATION PERIOD & UNTIL IRRIGATION SYSTEM IS OPERATIONAL. COORDINATE WITH IRRIGATION CONTRACTOR WITH WATER SCHEDULE DURING PLANTING AND 6 MONTH SCHEDULE AFTER ACCEPTANCE OF LANDSCAPING BY THE OWNER.
5. ALL STAKING OF TREES SHALL BE COMPLETED WITHIN 24 HOURS AFTER PLANTING - NO EXCEPTIONS.
6. SITE SHALL BE POLICED AND TIDED UP AT END OF WORK DAY NO PLANT POTS OR WRAPPINGS OR ANY OTHER PLANTING DERBIES SHALL BE LEFT ON SITE AT END OF DAY OR IN A TRASH COLLECTION CONTAINER ON SITE.
7. PINE BARK MULCH AREA ARE MINIMUM 3 FT. DIAMETER AT BASE OF ALL CANOPY TREES. UNDERSTORY TREES ARE MULCHED TO 10 FT DIAMETER FROM TRUNK OF TREE AND INTENT IS CONNECTING CANOPIES TOGETHER IN PROVIDING A CONTINUOUS MULCH BEDS. MULCH ALL AREA THAT ARE NOT MULCHED SHALL BE SOODED WITH ST. AUGUSTINE GRASS. GROUND COVER BEDS ARE ALSO MULCHED AND BASE OF ALL SHRUB BEDS - ESTIMATED CUBIC YARD OF MULCH HAS BEEN PROVIDED AND CONTRACTOR SHALL CONFIRM QUANTITY OF MULCH IS ADEQUATE TO MULCH ALL PLANTING AREAS.
8. CYPRESS MULCH IS PROHIBITED.



PLANT SPACING
DETAIL
(NO-OFFSET)



SHRUB & GROUNDCOVER PLANTING DETAIL

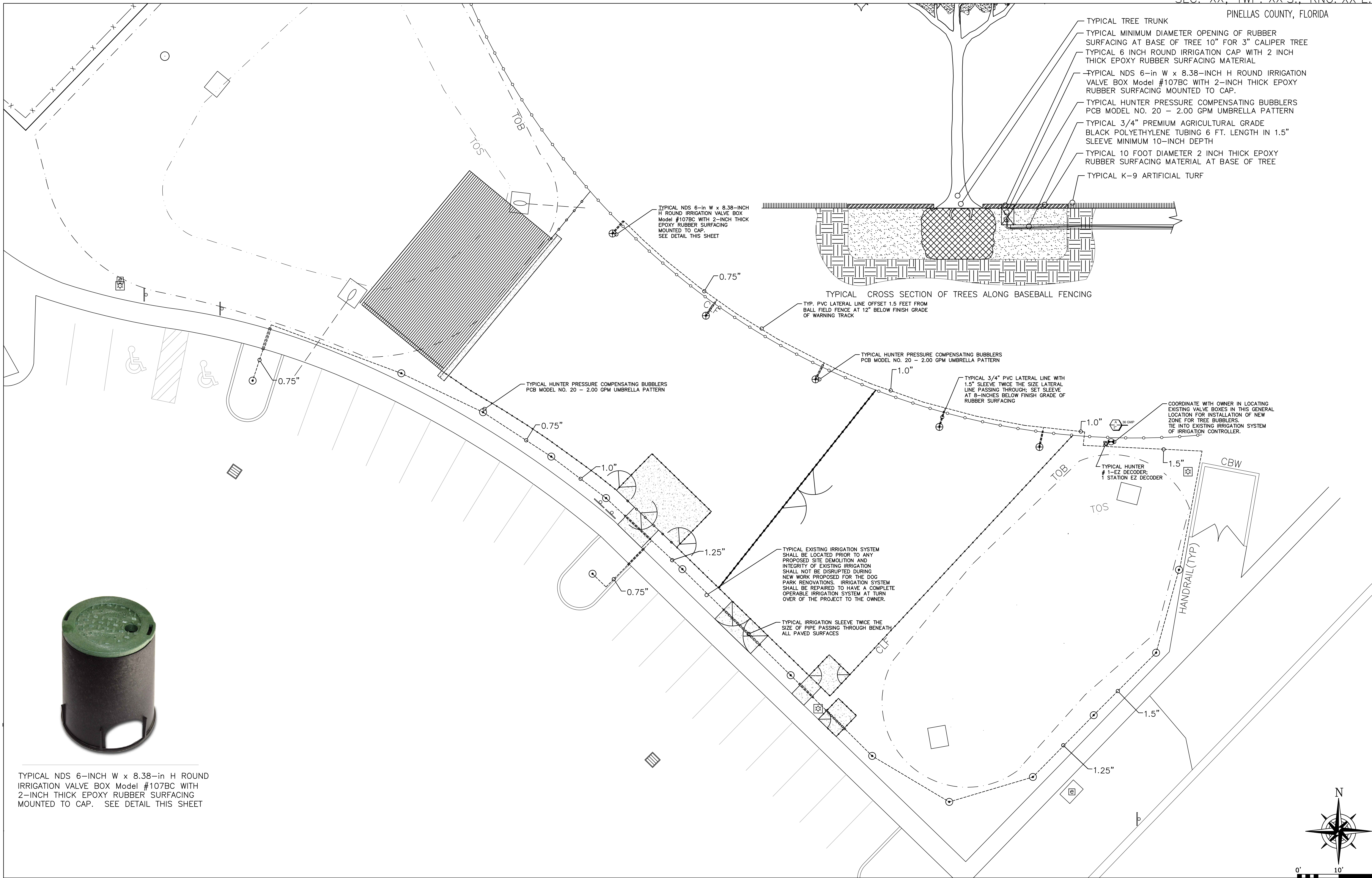


TREE PLANTING
DETAIL

- NOTES:
1. ALL WOOD SHALL BE SPRUCE OR PINE-NOT PRESSURE TREATED.
 2. CROWN TOP SHALL NOT CROSS OVER WOODY ROOTS.
 3. REMOVE ALL STRIPS AND OR WIRE WRAPPED AROUND TRUNK & CUT OFF 1 TOP OF ROOT BALL.
 4. REMOVE ALL STRIPS, ROPES, WIRE, A/OR STRINGS USED TO LIFT THE ROOT BALL.
 5. REMOVE ALL BURLAP A/OR WIRE FROM THE TOP OF THE ROOT BALL.
 6. TOP OF ROOT BALL SHALL BE SET LEVEL WITH SURROUNDING FINISH GRADE.

QTY	SYMBOL	COMMON NAME	BOTANICAL NAME	PLANT SIZE	REMARKS
5	OMN	UNDERSTORY TREES			
11	EAH	Crape Myrtle 'Natchez' Std.	Lagerstromia indica 'Natchez'	Min. 12-14' Ht., 3" Cal. 45 GAL FL#1 Std.	Non Native, Mod. Drought, Light FS/PS, Mod. Low
3	SB	Eagleston Holly Std.	Ilex x attenuata 'Eagleston' Std.	Min. 12-14' Ht., 3" Cal. 45 GAL FL#1 Std.	Native, Mod. Drought, Light FS/PS, Mod. Salt
		Silver Buttonwood Std.	Conocarpus erectus var. sericeus Std.	Min. 12-14' Ht., 3" Cal. 45 GAL CONT. FL#1	Native, High Drought, Light FS/PS, Mod. Salt
30	B	SHRUBS			
43	F	Silver Buttonwood - shrub form	Conocarpus erectus var. sericeus	Spr. 18" Ht. 24" 3 gal. cont.	36" O.C., Native, High Drought, FS/PS, Low Salt
65	P	Dwarf Firebush	Harmelia patens 'compacta'	Spr. 18" Ht. 24" 3 gal. cont.	36" O.C.; Native High Drought; FS/PS Mod. Salt
24	S	Dwarf Podocarpus 'Pringles'	Podocarpus macrophyllus 'Pringles'	Spr. 18" Ht. 24" 3 gal. cont.	24" O.C.; Non-Native Mod. Drought; FS/PS Mod. Salt
		Simson's Stopper	Myrianthes fragrans	Spr. 18" Ht. 24" 3 gal. cont.	24" O.C.; Native Mod. Drought; FS/PS Mod. Salt
631	AJ	GROUNDCOVERS			
		Asiatic Jasmine Minima	Trachelospermum asiaticum	Spr. 8" Ht. 6" 1 gallon cont.	12" O.C. Non-Native, Mod. Drought, PS/FS Mod. Salt
21	Cu. Yds.	Pine Bark Mulch Medium Nuggets contractor to verify quantity in the field			Pine Bark Nuggets 3-inch Depth, 15 cu. yd. of medium nuggets 6 cu. yds. mini nuggets for ground cover beds all shrubs 9 sq. ft. trees

PLANT LIST



TYPICAL NDS 6-INCH W x 8.38-IN H ROUND IRRIGATION VALVE BOX Model #107BC WITH 2-INCH THICK EPOXY RUBBER SURFACING MOUNTED TO CAP. SEE DETAIL THIS SHEET

TYPICAL NDS 6-IN W x 8.38-INCH H ROUND IRRIGATION VALVE BOX Model #107BC WITH 2-INCH THICK EPOXY RUBBER SURFACING MOUNTED TO CAP. SEE DETAIL THIS SHEET

TYPICAL CROSS SECTION OF TREES ALONG BASEBALL FENCING

TYP. PVC LATERAL LINE OFFSET 1.5 FEET FROM BALL FIELD FENCE AT 12" BELOW FINISH GRADE OF WARNING TRACK

TYPICAL HUNTER PRESSURE COMPENSATING BUBBLERS PCB MODEL NO. 20 - 2.00 GPM UMBRELLA PATTERN

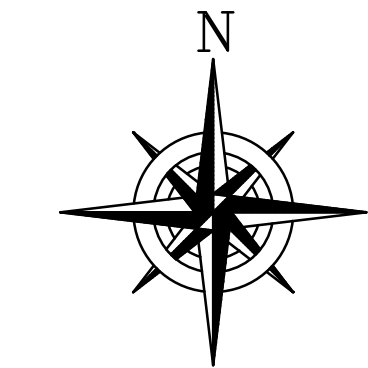
TYPICAL 3/4" PVC LATERAL LINE WITH 1.5" SLEEVE TWICE THE SIZE LATERAL LINE PASSING THROUGH; SET SLEEVE AT 8-INCHES BELOW FINISH GRADE OF RUBBER SURFACING

COORDINATE WITH OWNER IN LOCATING EXISTING VALVE BOXES IN THIS GENERAL LOCATION FOR INSTALLATION OF NEW ZONE FOR TREE BUBBLERS. TIE INTO EXISTING IRRIGATION SYSTEM OF IRRIGATION CONTROLLER.

TYPICAL HUNTER #1-EZ DECODER: 1 STATION EZ DECODER

TYPICAL EXISTING IRRIGATION SYSTEM SHALL BE LOCATED PRIOR TO ANY PROPOSED SITE DEMOLITION AND INTEGRITY OF EXISTING IRRIGATION SHALL NOT BE DISRUPTED DURING NEW WORK PROPOSED FOR THE DOG PARK RENOVATIONS. IRRIGATION SYSTEM SHALL BE REPAIRED TO HAVE A COMPLETE OPERABLE IRRIGATION SYSTEM AT TURN OVER OF THE PROJECT TO THE OWNER.

TYPICAL IRRIGATION SLEEVE TWICE THE SIZE OF PIPE PASSING THROUGH BENEATH ALL PAVED SURFACES



0' 10' 20'
SCALE: 1" = 10'

Jun 19, 2023 - 1:27pm I:\CAD Projects\Projects_LSP X Draw\2022\SE22-417-00 Madeira Beach Dog Park Renovations\Engineering\Draws\SE22-417-1 DOG PARK MASTER DEVELOPMENT PLAN 4-13-2023.dwg

REV.#	DESCRIPTION	DATE	BY

TRANSYSTEMS

565 SOUTH HERCULES AVENUE
CLEARWATER, FL 33764
PHONE 727.822.4151
WWW.TRANSYSTEMS.COM

IRRIGATION PLAN
MADEIRA BEACH DOG PARK
300 MUNICIPAL DRIVE

FLORIDA

I, LEROY CHIN, HEREBY CERTIFY AS A LICENSED PROFESSIONAL LANDSCAPE ARCHITECT, REGISTERED IN ACCORDANCE WITH FLORIDA STATUTE 471 (481) THAT THE ABOVE PROJECT'S SITE AND/OR CONSTRUCTION PLANS, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, WILL MEET APPLICABLE DESIGN CRITERIA SPECIFIED BY CITY MUNICIPAL ORDINANCE, STATE AND FEDERAL ESTABLISHED STANDARDS. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT'S PROFESSIONAL LANDSCAPE ARCHITECT TO PERFORM A QUALITY ASSURANCE REVIEW OF THESE SUBMITTED PLANS.

LEROY CHIN, FL RLA 1206

PROJECT NUMBER	SE22.417.00
DATE:	6/12/2023
DRAWN BY:	LC [FB: xxx] PG: xxx
SCALE:	1" = 10'
SHEET NO.	9 OF 10

