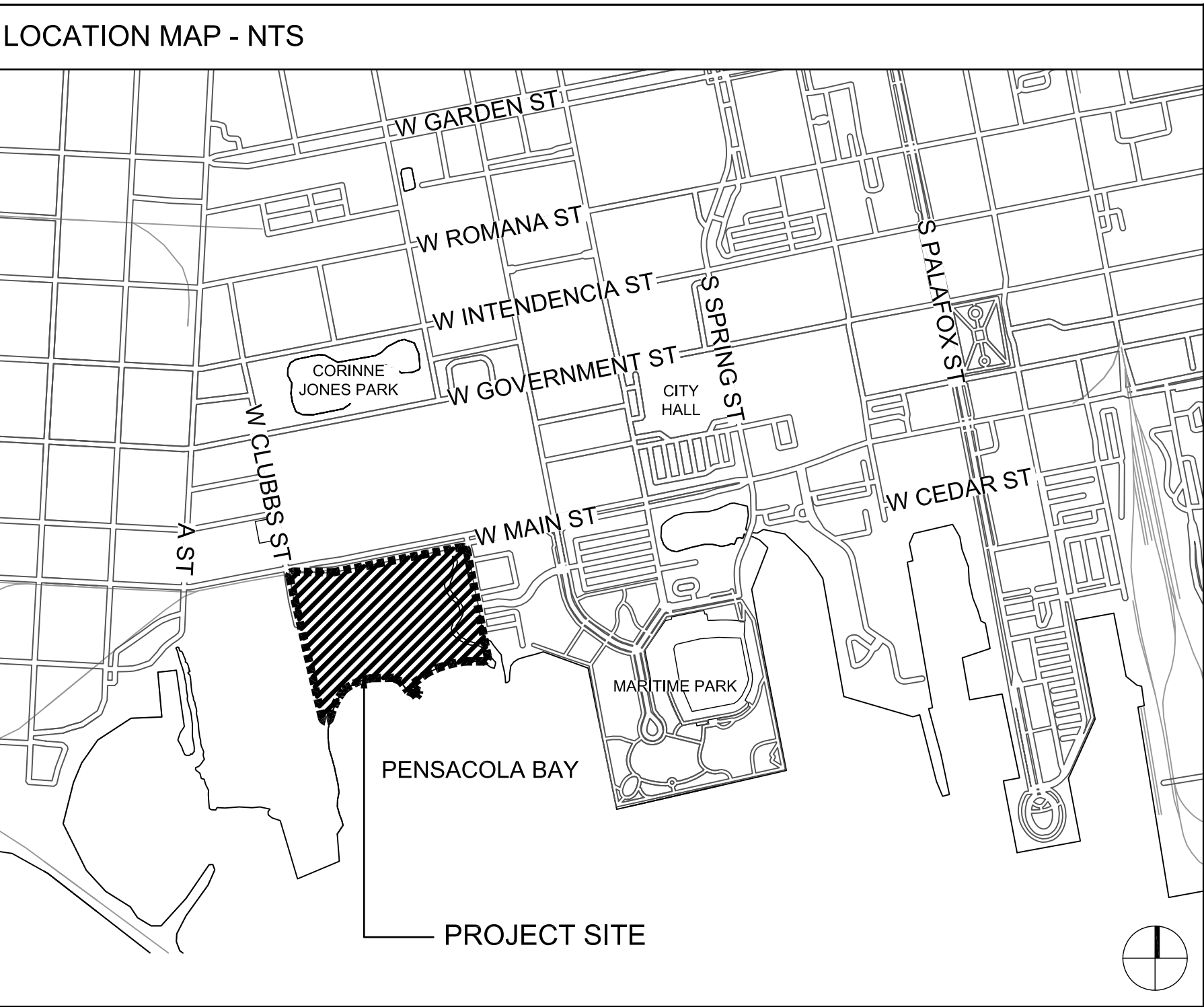
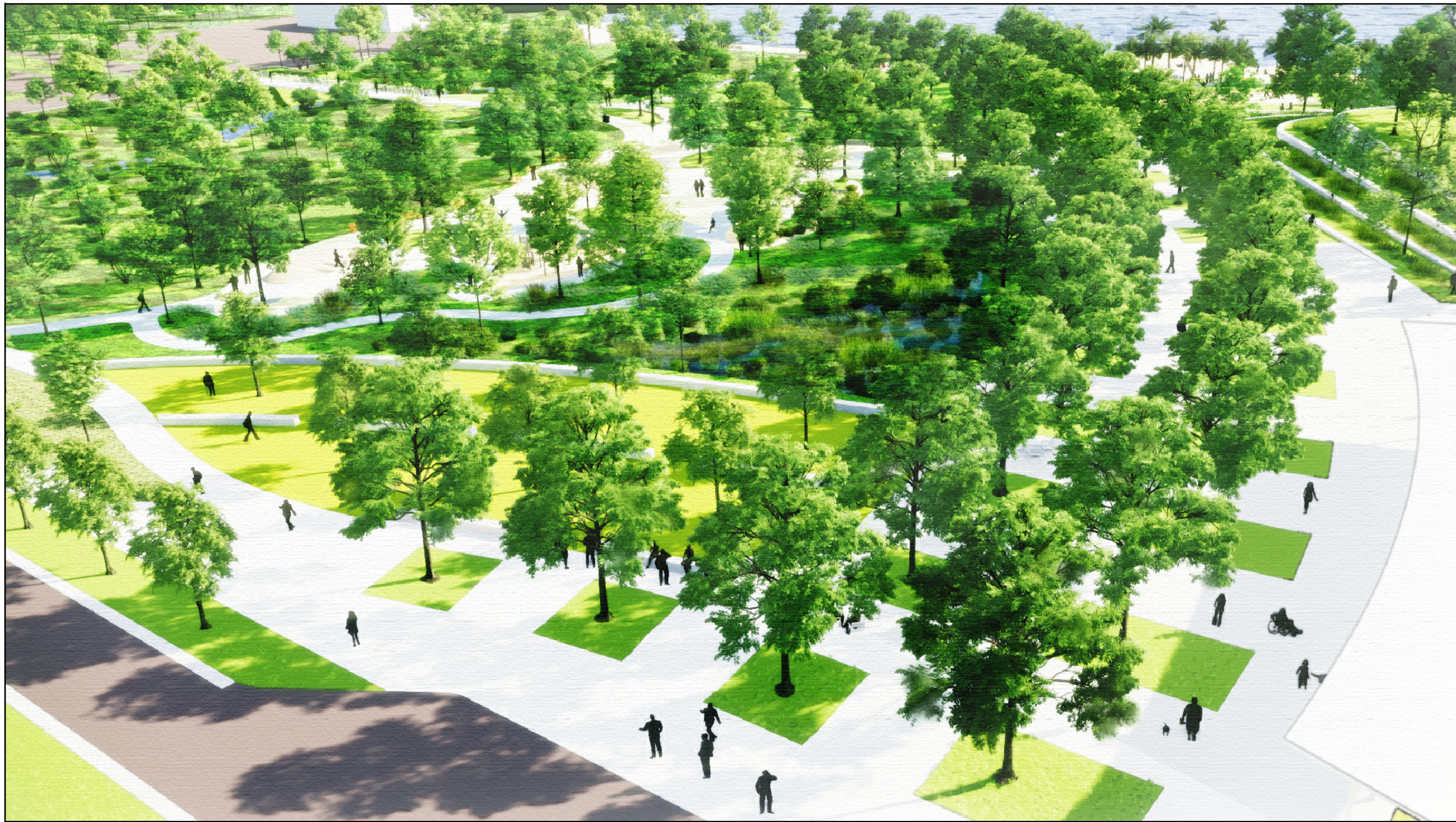


BRUCE BEACH PARK

PHASE ONE

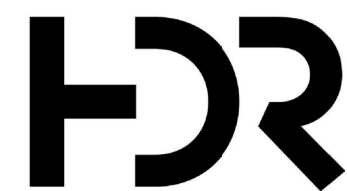
ISSUE FOR BID

CITY OF PENSACOLA | ESCAMBIA COUNTY FLORIDA



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25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

DATE	DESCRIPTION
9/10/2021	30% DESIGN DEVELOPMENT
11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name

COVER

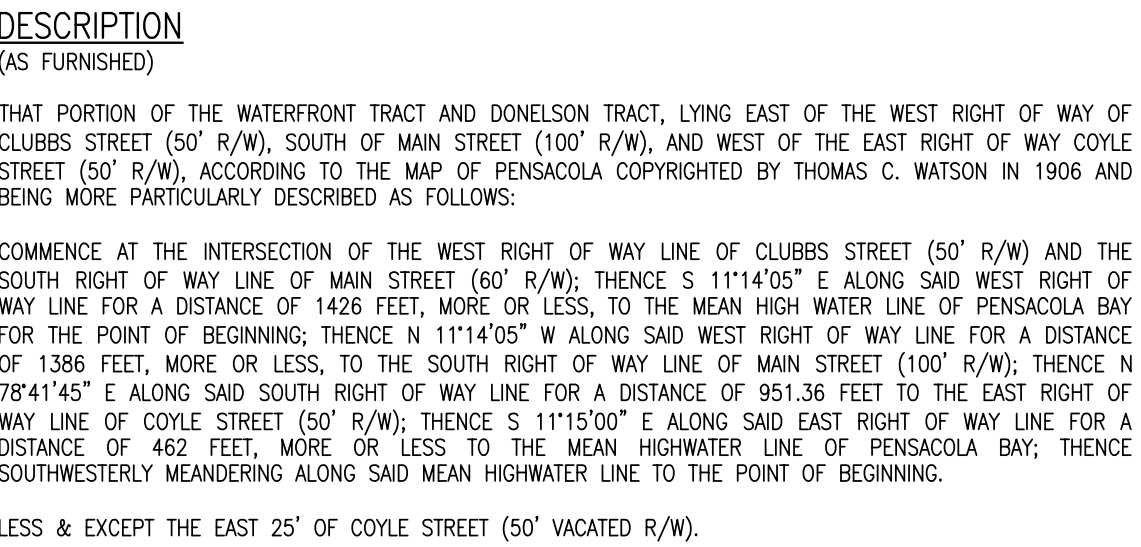
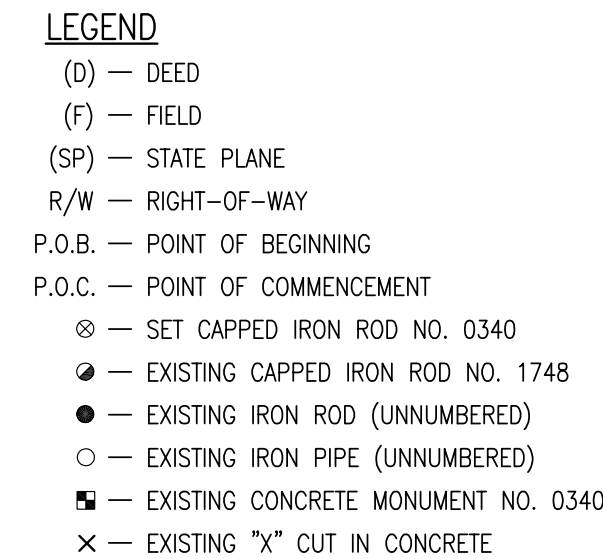
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Sheet Number

CVR-1

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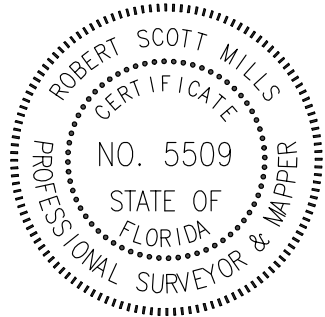


1. NORTH AND THE SURVEY TAPION SHOWN HEREON IS BASED ON A PREVIOUS SURVEY BY FABRE ENGINEERING JOB NO. 000004-04-S02, DATED 9/10/01, A PREVIOUS SURVEY BY BASKERVILLE-DONOVAN, PROJECT NO. 67201-01, DATED 3/29/04, DEEDS OF RECORD, EXISTING FIELD MONUMENTATION AND THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE (NAD83).
2. NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
3. IMPROVEMENTS AND VISIBLE UTILITIES ARE AS SHOWN HEREON.
4. ENCROACHMENTS ARE AS SHOWN HEREON.
5. THE ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. THE FIELD SURVEY WAS PERFORMED JANUARY, 2021 AND RECORDED IN FIELD BOOK 20-04, PAGES 63-70.
7. THE BOUNDARY AND TOPOGRAPHIC SURVEY SHOWN HEREON WAS ORIGINALLY PREPARED ON DECEMBER 17, 2015.


THE SURVEY SHOWN HEREON WAS PREPARED IN COMPLIANCE WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AND MAPPERS IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES TO THE BEST OF MY KNOWLEDGE AND BELIEF.

FOR: BASKERVILLE-DONOVAN INC.
CORPORATE NUMBER 0340

BY: Robert S. Mills
ROBERT SCOTT MILLS
FLORIDA REGISTRATION NO. 5509



2/17/2017
DATE

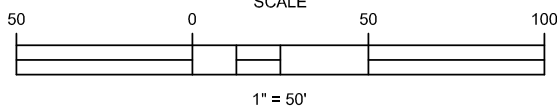
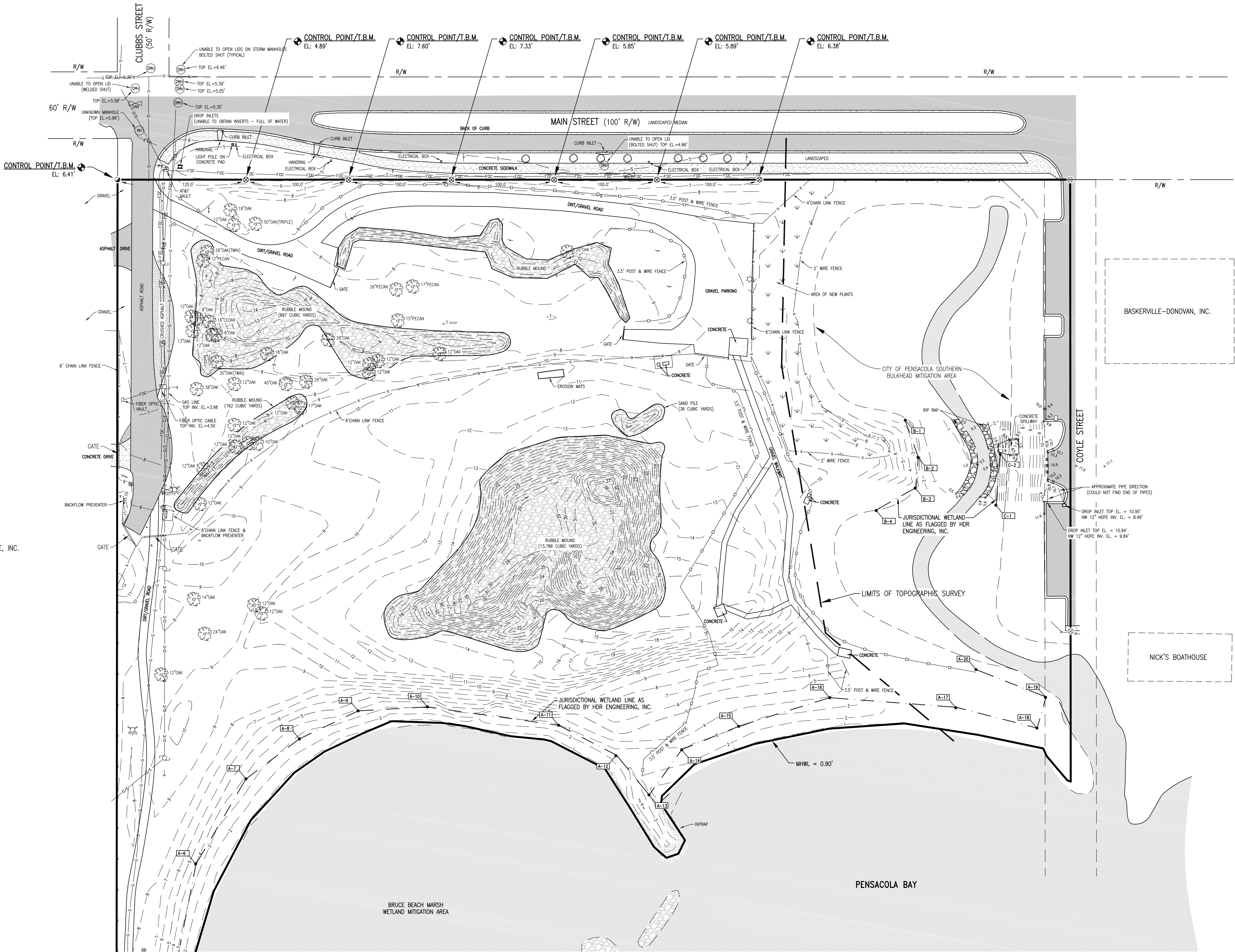
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PREPARED FOR & CERTIFIED TO: HDR ENGINEERING, INC.		SCALE: 1"=100'		1	3/2/21	RSM	ADD. ADDITIONAL TOPOGRAPHY					
		DRAWN BY: MOB										
		CHK'D BY: RSM										
		PROJ. MGR: RSM										
		DATE: 02/17/21										

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BOUNDARY & TOPOGRAPHIC SURVEY

- LEGEND**
- IRRIGATION VALVE
 - SEWER VALVE
 - SEWER VALVE
 - WATER VALVE
 - POWER POLE
 - STORM DRAIN MANHOLE
 - SANITARY SEWER MANHOLE
 - GUY ANCHOR
 - MONITORING WELL
 - BOLLARD
 - FIRE HYDRANT
 - GAS MARKER POST
 - BACKFLOW PREVENTER
 - FIBER OPTIC CABLE
 - GAS LINE
 - OVERHEAD ELECTRIC
 - WATER LINE
 - CONTOUR LINE AT 1' INTERVALS
 - TEMPORARY BENCHMARK
 - ELEVATION
 - INVERT
 - HDPPE - HIGH DENSITY POLY-ETHYLENE
 - SIGN
 - TREE (SIZE AND TYPE AS NOTED)

TRANSMONTAIGNE, INC.



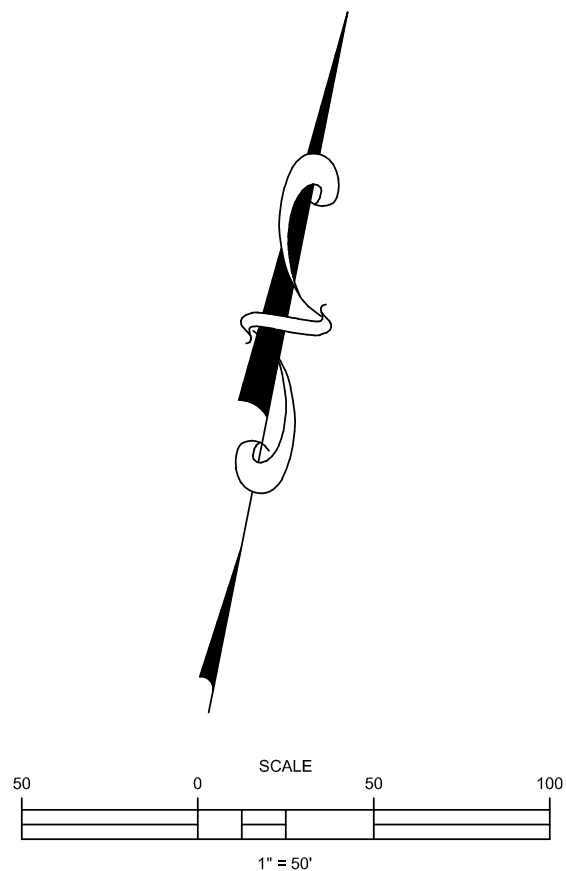
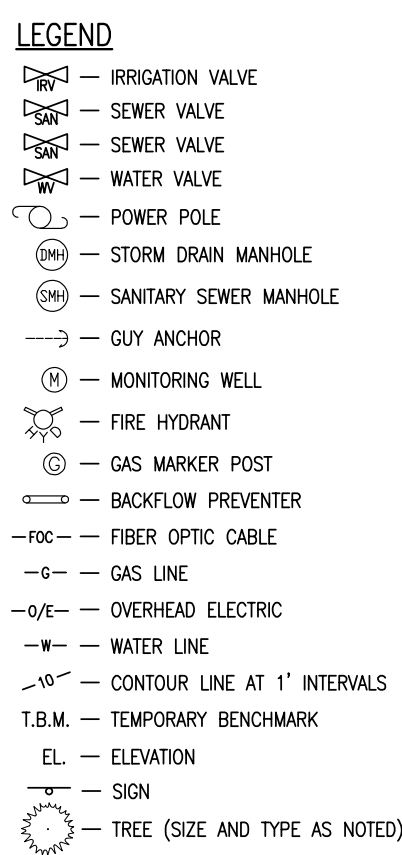
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PREPARED FOR & CERTIFIED TO: HDR ENGINEERING, INC.	DRAWN BY: MOE				
	CHK'D BY: RSM				
	PROJ. MGR: RSM				
	DATE: 02/17/21				


BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
449 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9661
ENGINEERING BUSINESS: EE-0000340
Pensacola - Panama City Beach - Tallahassee - Mobile

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NOT VALID WITHOUT THE SIGNATURE OF THE REGISTERED SURVEYOR AND MAPPER

**A PORTION OF WATERFRONT TRACT
AND THE DONELSON TRACT,
CITY OF PENSACOLA,
ESCAMBIA COUNTY, FLORIDA**



3	OF	3
BOUNDARY & TOPOGRAPHIC SURVEY PREPARED FOR & CERTIFIED TO: HDR ENGINEERING, INC.		
PROJECT NO: S0001.21	NO.	REVISION/ACTION TAKEN
SCALE: 1" = 50'	1	3/2/21 RSM ADD ADDITIONAL TOPOGRAPHY
DRAWN BY: MOB		
CHK'D BY: RSM		
PROJ. MGR: RSM		
DATE: 02/17/21		
A PORTION OF WATERFRONT TRACT AND THE DONELSON TRACT, CITY OF PENSACOLA, ESCAMBIA COUNTY, FLORIDA		
 BASKERVILLE-DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927 443 W. MAIN ST., PENSACOLA, FL 32502 (850)438-9861 ENGINEERING: EB-0000340		
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NOT VALID WITHOUT THE SIGNATURE OF THE ENGINEER. A PROFESSIONAL SEAL AND LICENSE NUMBER ARE REQUIRED.		
Pensacola - Panama City Beach - Tallahassee - Mobile		
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GENERAL NOTES

- | | | |
|---|--|---|
| <p>1. ANY DEVIATIONS FROM THE APPROVED PLANS WILL REQUIRE APPROVAL FROM BOTH THE PROJECT ENGINEER/ARCHITECT AND THE CITY OF PENSACOLA.</p> <p>2. CONTRACTOR SHALL VERIFY ACCEPTABLE DAYS OF THE WEEK AND HOURS OF THE DAY FOR WORKING WITH THE CITY OF PENSACOLA.</p> <p>3. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE CITY. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN AT ALL TIMES.</p> <p>4. ALL CONSTRUCTION VEHICLES SHALL PARK IN AREAS DESIGNATED BY THE OWNER.</p> <p>5. NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT CITY SITE REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES AND ADVANCED NOTIFICATION OF THE REQUESTED INSPECTION IS REQUIRED.</p> <p>6. MINIMUM EROSION CONTROL BEST PRACTICES (SILT FENCE AND ROCK CONSTRUCTION AT ENTRANCES) MUST BE INSTALLED PRIOR TO CONSTRUCTION PER CITY STANDARDS, AND MUST BE MAINTAINED THROUGHOUT PROJECT CONSTRUCTION.</p> <p>7. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL DEVICES AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 1988 EDITION AND MAINTAINED WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC ROADS.</p> <p>8. ALL WASTE FROM DEMOLITION OPERATIONS SHALL BE HAULED OFFSITE AND DISPOSED OF LEGALLY.</p> <p>9. SIGNING AND STRIPING TO BE PROVIDED BY THE CONTRACTOR ACCORDING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION WITH ALL REVISIONS INCLUDED.</p> <p>10. ALL TEMPORARY STRIPING & SIGNAGE NECESSARY TO MAINTAIN SAFE VEHICULAR AND PEDESTRIAN TRAFFIC FLOW DURING CONSTRUCTION IS TO BE FURNISHED, INSTALLED & MAINTAINED BY THE CONTRACTOR.</p> <p>11. UPON DISCOVERING ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND THE ENGINEERING PLANS, CONTRACTOR TO STOP WORK IMMEDIATELY AND NOTIFY THE ARCHITECT.</p> | <p>12. CONTRACTOR IS CAUTIONED ABOUT THE PRESENCE OF UNDERGROUND UTILITIES AT OR NEAR THE PROPOSED IMPROVEMENTS THROUGHOUT THIS PROJECT.</p> <p>13. CONTRACTOR SHALL VERIFY THE PRESENCE OF SUCH UTILITIES PRIOR TO EXCAVATION. ANY ACTION SUCH AS ABANDONMENT OR RELOCATION OF THE UTILITIES MUST BE COORDINATED WITH THE OWNER AND THE AFFECTED UTILITY COMPANY. ANY DISTURBANCE OF EXISTING APPURTENANCES WILL BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANY.</p> <p>14. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN ENTERING MANHOLES, PIPES OR OTHER STRUCTURES SHOWN ON THE PLANS. AT A MINIMUM, THESE PIPES AND STRUCTURES SHALL BE PROPERLY VENTILATED.</p> <p>15. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS SHOWN ON THE PLANS FOR ALL STRUCTURES AS WELL AS ALL UTILITY LOCATIONS WITH CURRENT ARCHITECTURAL, STRUCTURAL, AND PLUMBING PLANS AND ENSURING THERE ARE NO CONFLICTS; AND SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.</p> <p>16. DIMENSIONS ARE TO FACE OF CURB, CENTER OF STRUCTURE AND CENTER LINE OF COLUMN/WALL LINE, UNLESS OTHERWISE NOTED. ANGLES SHOWN ON STORM AND SANITARY SEWER ARE TO CENTER OF PIPE, UNLESS OTHERWISE NOTED.</p> <p>17. ALL CURB AND GUTTER, SIDEWALKS, AND ACCESSIBILITY RAMPS SHALL BE A MINIMUM OF 3000 PSI CONCRETE AT 28 DAYS WITH FIBERMESH.</p> <p>18. ALL EXISTING MANHOLE COVERS, METER BOXES & OTHER UTILITY APPURTENANCES LOCATED WITHIN THE LIMITS OF WORK SHALL BE ADJUSTED SO THAT THEIR TOP SURFACES WILL BE FLUSH WITH NEW PAVEMENT FINISHED GRADE. THIS ALSO APPLIES TO APPURTENANCES IN EXISTING PAVED AREAS THAT ARE TO BE RETAINED AS EXISTING.</p> <p>19. ALL FILL PLACED AS A PART OF THIS PROJECT SHALL BE PLACED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.</p> <p>20. ALL SUBGRADE SOILS UNDER AREAS TO RECEIVE PAVEMENT OR FOOTINGS ARE TO BE COMPACTED TO 95% STANDARD PROCTOR.</p> | <p>21. ALL SIDEWALKS AND DRIVEWAYS MUST BE BUILT TO THE LATEST EDITION OF ADA STANDARDS AND GUIDELINES, DESIGN STANDARDS AND PROWAG.</p> <p>22. AFTER ALL NEW CONSTRUCTION ARE COMPLETED CONTRACTOR SHALL PRESSURE WASH AREAS WITHIN</p> <p>23. DAMAGE TO ADJACENT ROADS, WALKS AND OTHER EXISTING FACILITIES CAUSED BY CONTRACTORS OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.</p> |
|---|--|---|



5 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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DR Project Number: 10279441

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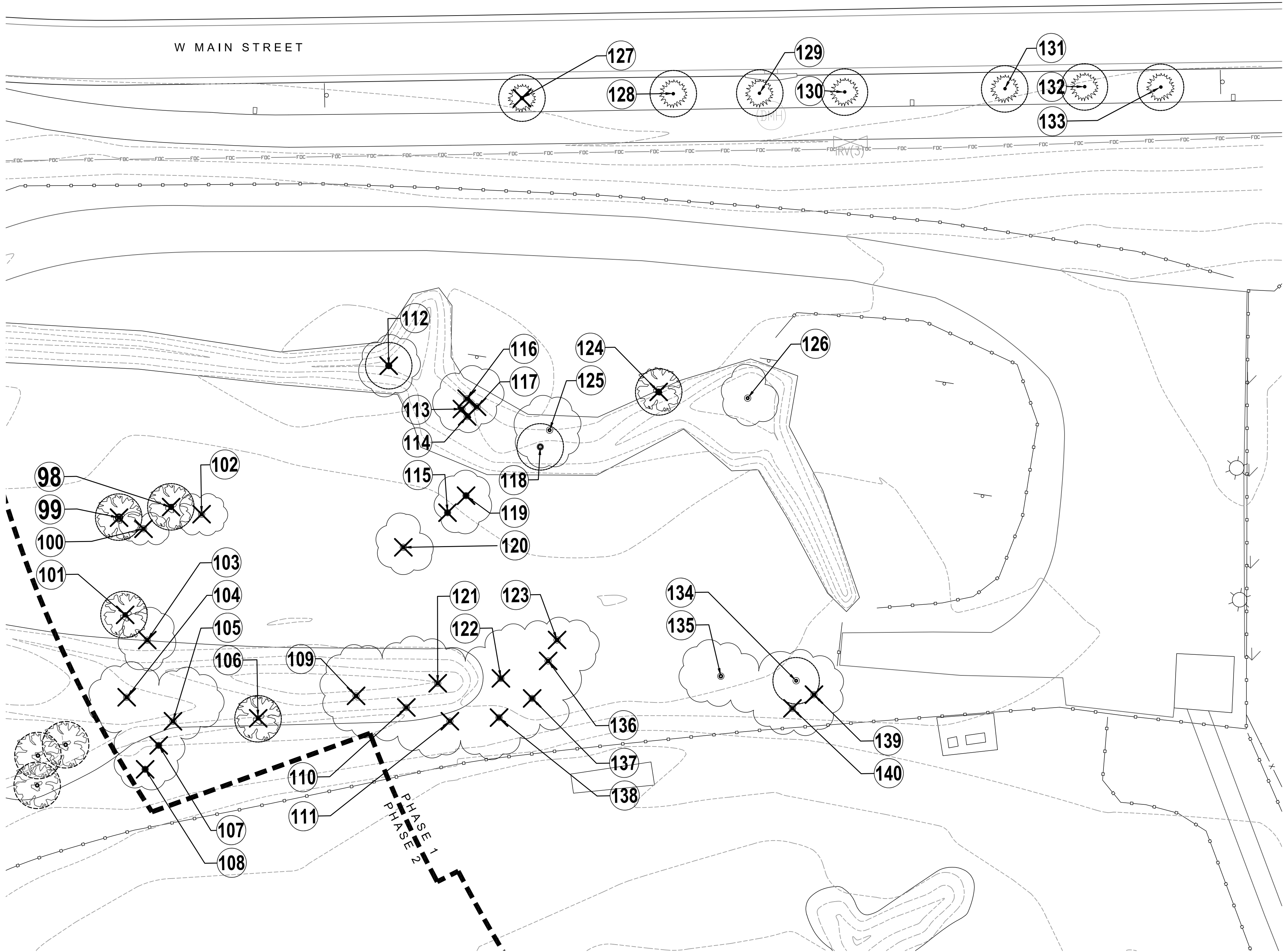
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Scale

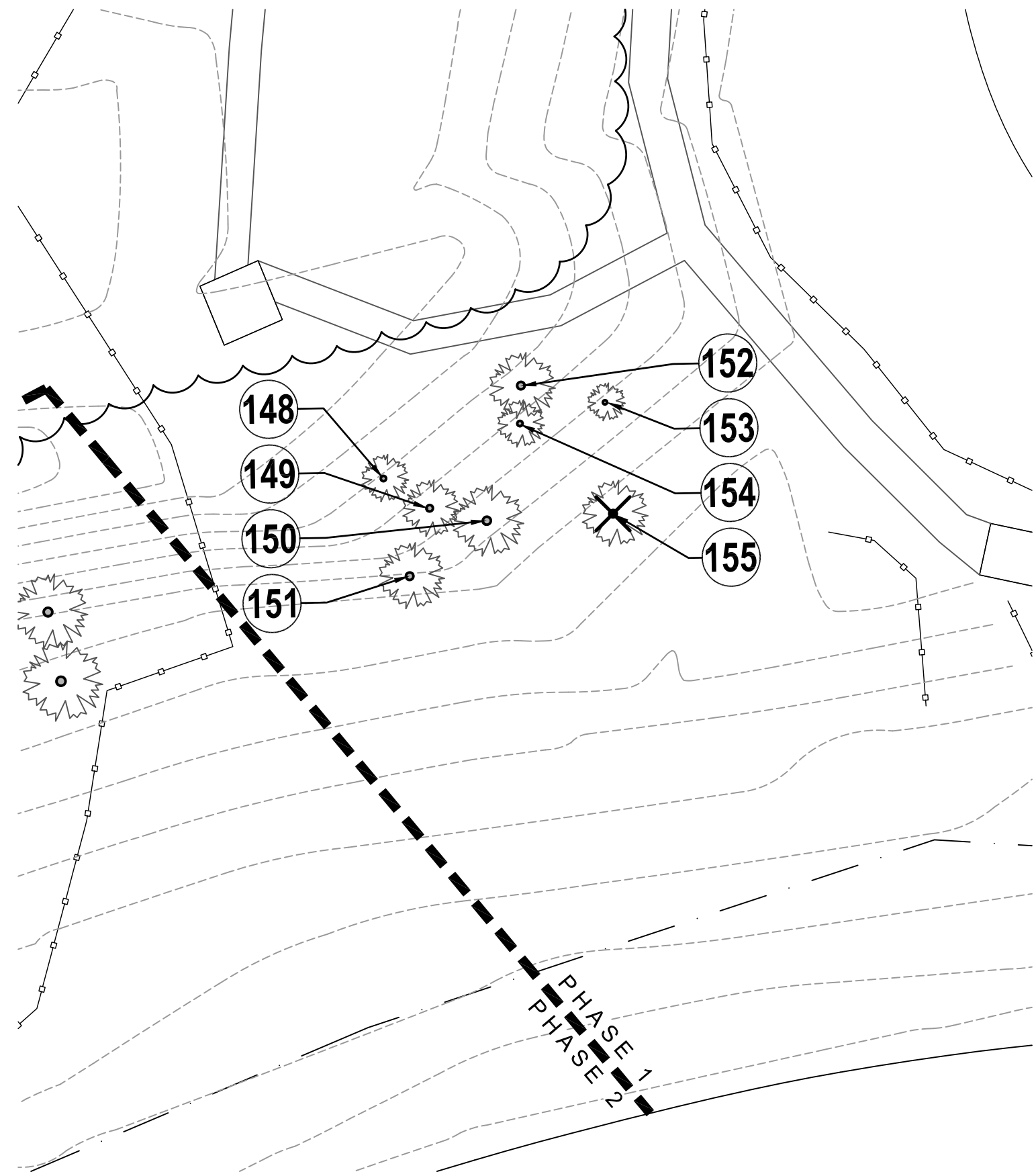
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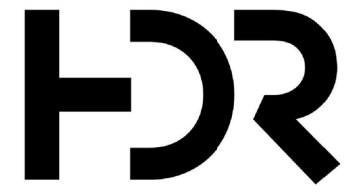
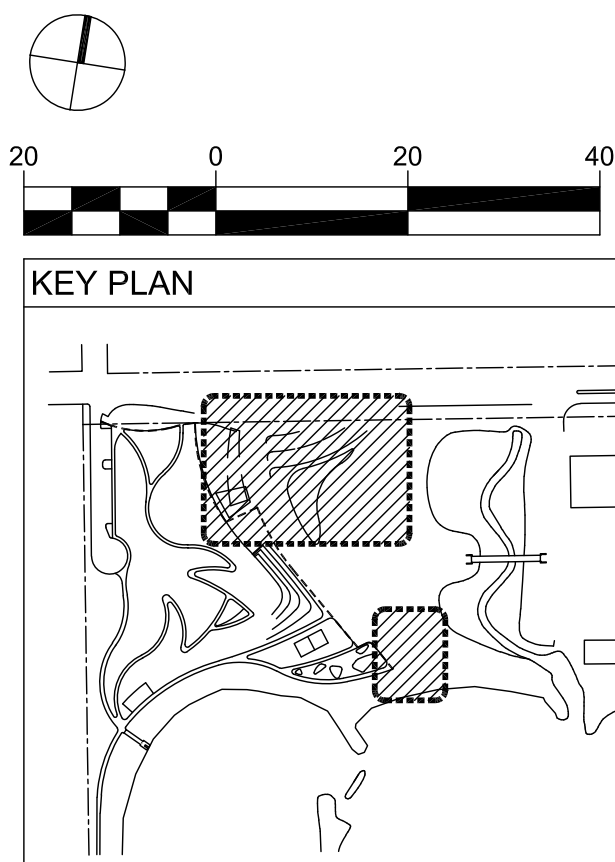
2 PHASE 1 TREE INVENTORY - ENLARGED PLAN
SCALE: 1" = 20'-0"



1 SOUTHEAST ENLARGEMENT
SCALE: 1" = 20'-0"

- TREE INVENTORY KEY**
- TRUNK OF EXISTING TREE (DBH)
 - ☁ EXISTING TREE - SURVEY
 - ☁ EXISTING TREE - SITE WALK
 - ☁ EXISTING PALM TREE
 - ✕ TREE TO BE REMOVED
 - PROTECTED TREE
 - HERITAGE TREE
 - # TREE SURVEY NUMBER

- TREE INVENTORY NOTES**
- SEE SHEET L-150 FOR TREE SPECIES, SIZE, AND DISPOSITION.
 - SEE REMOVAL AND REPLACEMENT TABLE ON SHEET L-150.
 - ALL TREE WORK TO COMPLY WITH CITY OF PENSACOLA CODE OF ORDINANCES, CHAPTER 12 SECTION 12-6-1 TREE/LANDSCAPE REGULATIONS.
 - TREE DISPOSITIONS SUBJECT TO CHANGE PER REVIEW BY CITY ARBORIST; CONFIRM PRIOR TO REMOVAL.



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

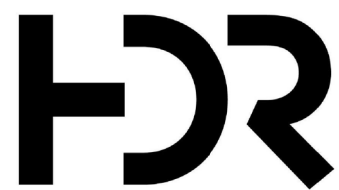
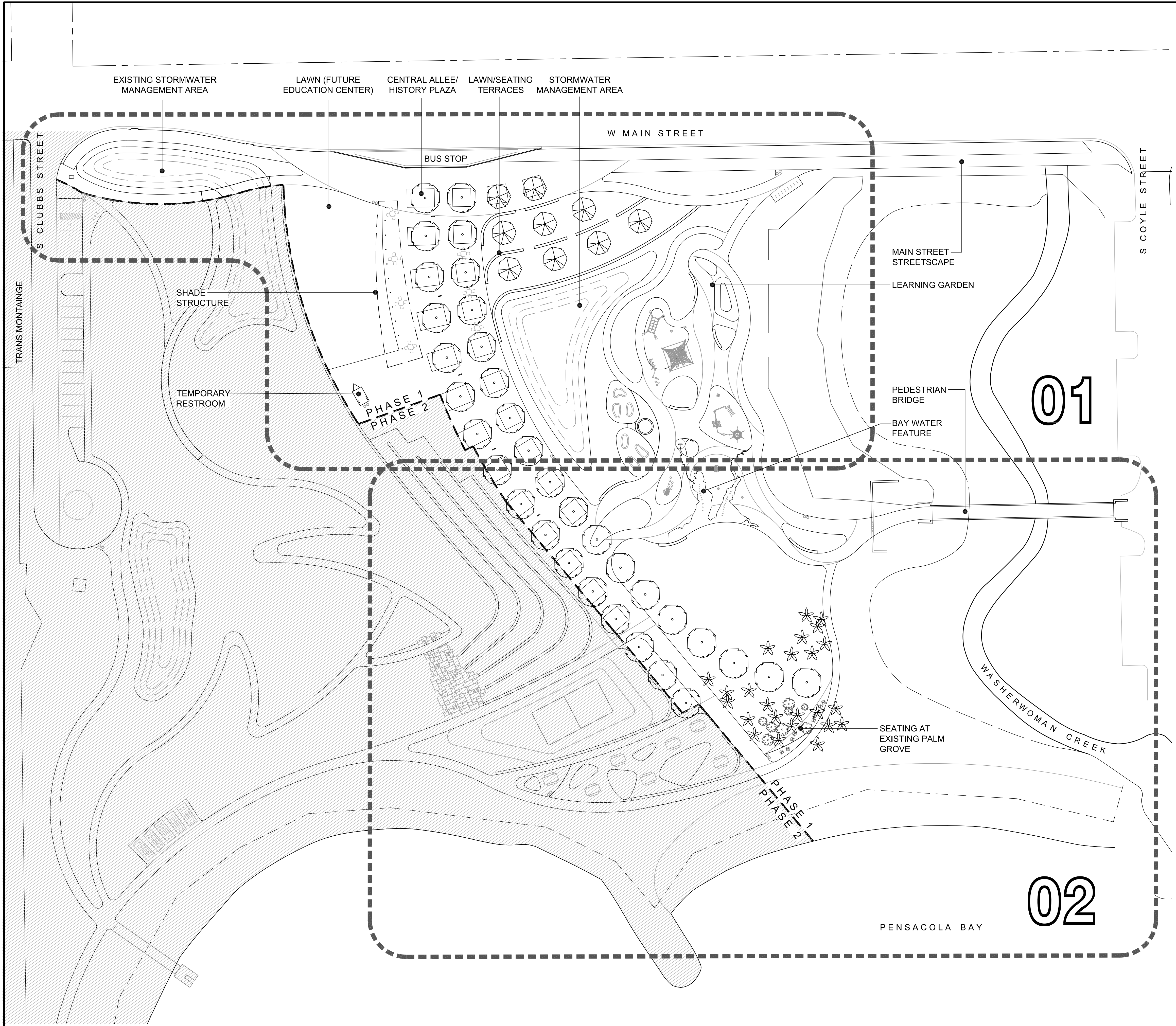
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11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
**PHASE 1
TREE INVENTORY**

Scale
1" = 20'-0"

Sheet Number
L-151



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

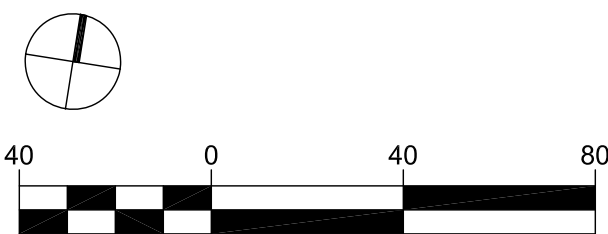
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3/11/2022	ISSUE FOR BID

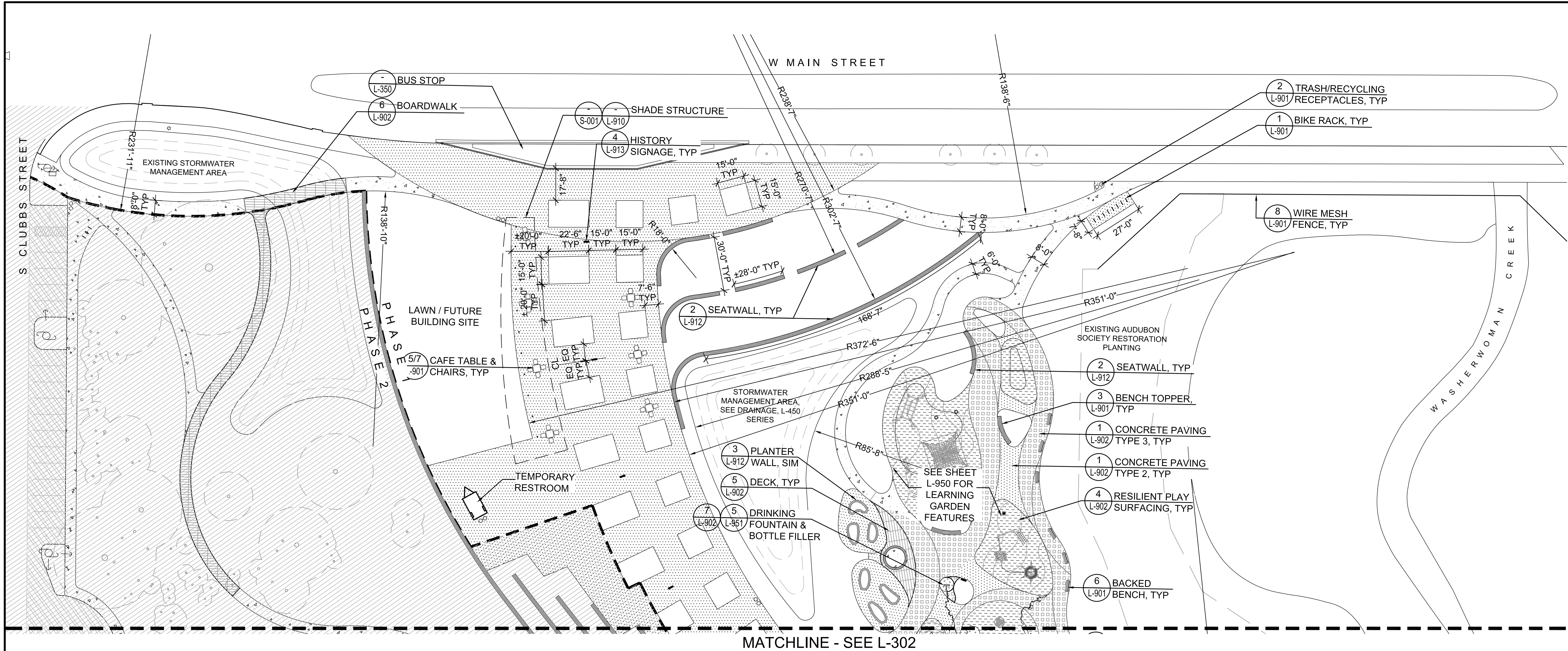
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














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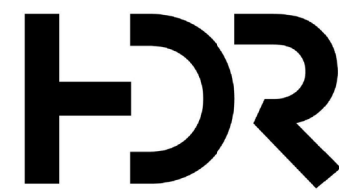
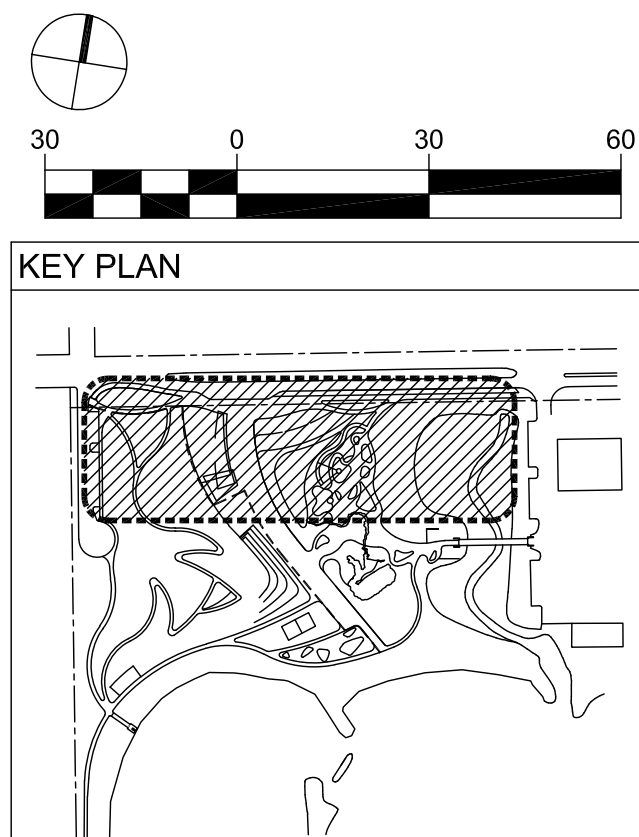
Sheet Number
L-300





MATCHLINE - SEE L-302

PHASE 1 - LAYOUT & MATERIALS KEY				PHASE 1 - LAYOUT & MATERIALS KEY					
HARDSCAPE	MATERIAL/COLOR	FINISH	NOTES	FURNISHING	MANUFACTURER	MODEL/MATERIAL	FINISH/COLOR	NOTES	
	BOARDWALK / DECK	MODIFIED ASH	NATURAL, SEALED		LOUNGE CHAIR	LANDSCAPEFORMS	AMERICANA CHAIR	LEAF GREEN	SURFACE MOUNT
	CONCRETE TYPE 1	NATURAL GRAY	BROOM		CAFE TABLE	LANDSCAPEFORMS	PARC CENTRE SQUARE	SILVER POWDERCOAT	SURFACE MOUNT
	CONCRETE TYPE 2	NATURAL GRAY	SHELL SEEDED		CAFE CHAIR	LANDSCAPEFORMS	PARC CENTRE CHAIR	SILVER POWDERCOAT	ARMLESS, FREESTANDING 4 PER CAFE TABLE
	CONCRETE TYPE 3	NATURAL GRAY	ROCK SALT FINISH		BACKED BENCH	LANDSCAPEFORMS	GLIDE BENCH	LEAF GREEN	SURFACE MOUNT
	CONCRETE TYPE 4	NATURAL GRAY	BLUE GLASS AGGREGATE		BENCH TOPPER	ANOVA	INFINITY INF24L6WT	MODIFIED ASH	
	SAND	NATURAL			BICYCLE RACK	FORMS + SURFACES	CAPITOL BIKE RACK	SILVER POWDERCOAT	EMBED
	PLAY SURFACING	COLOR PER PLAN	N/A		TRASH RECEPTACLE	LANDSCAPEFORMS	LAKESIDE RECEPTACLE	SILVER POWDERCOAT	GRASS PATTERN, SURFACE MOUNTED
	SITE WALL	NATURAL GRAY	ROCK SALT FINISH						



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Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

DATE	DESCRIPTION
9/10/2021	30% DESIGN DEVELOPMENT
11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
**LAYOUT AND
STAKING PLAN -
AREA 1**

Scale
1" = 30'-0"

Sheet Number
L-301



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PHASE ONE

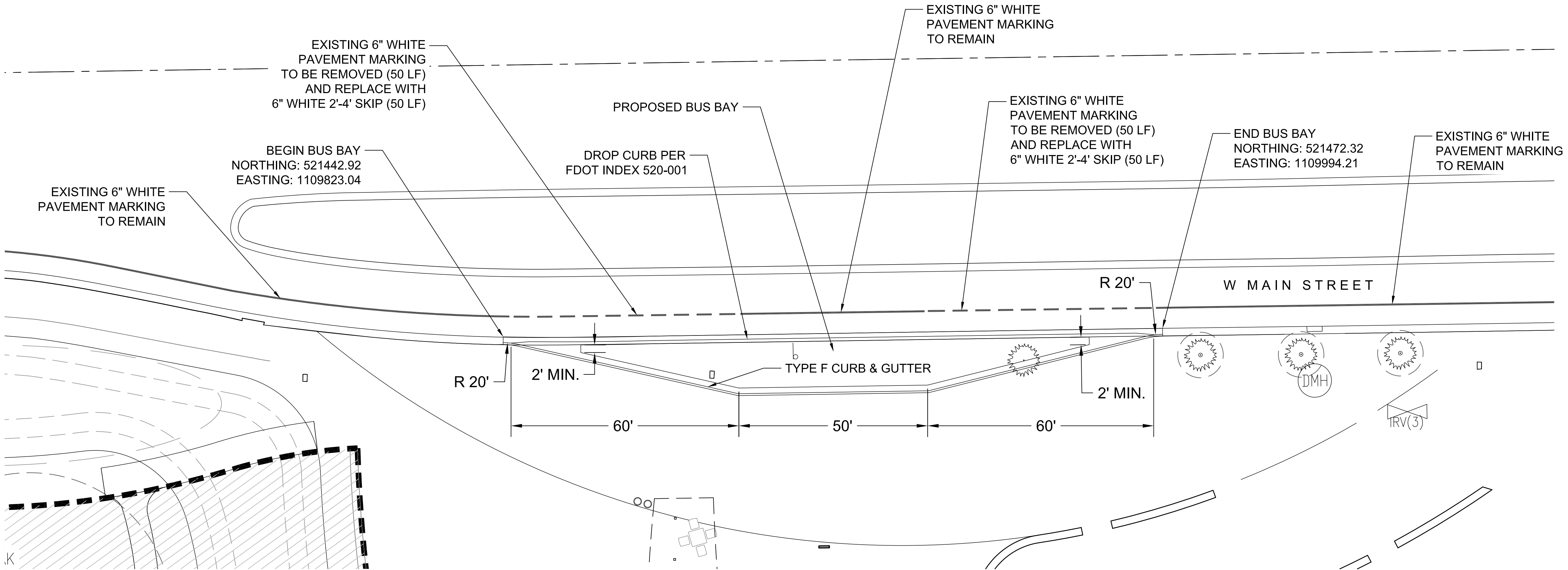
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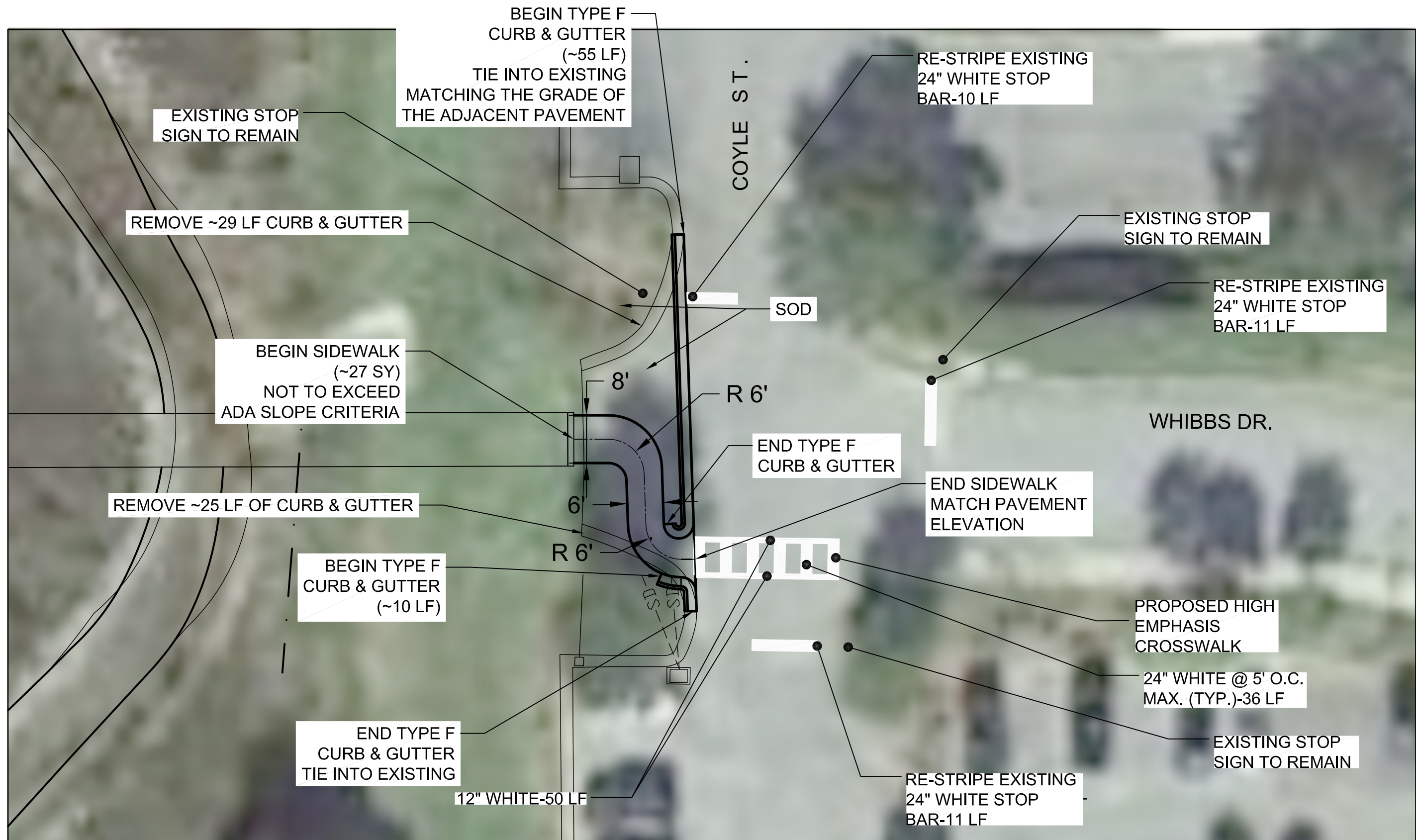
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PLAN DETAILS

Scale
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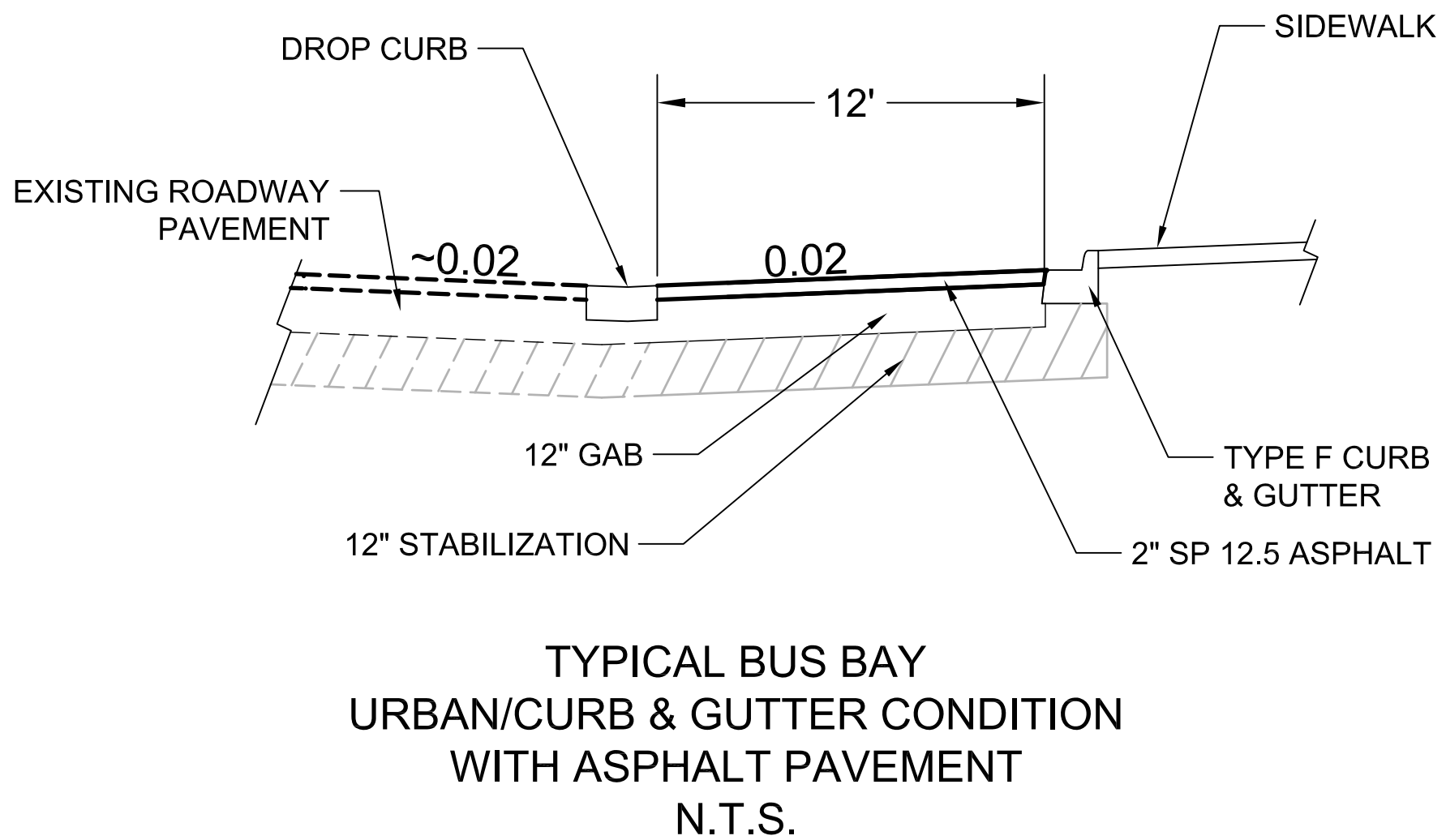
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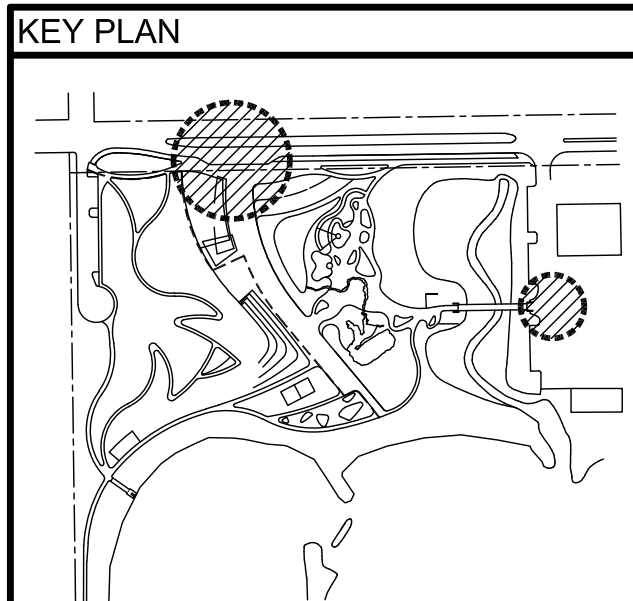
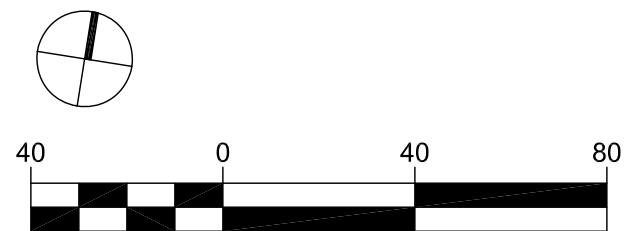
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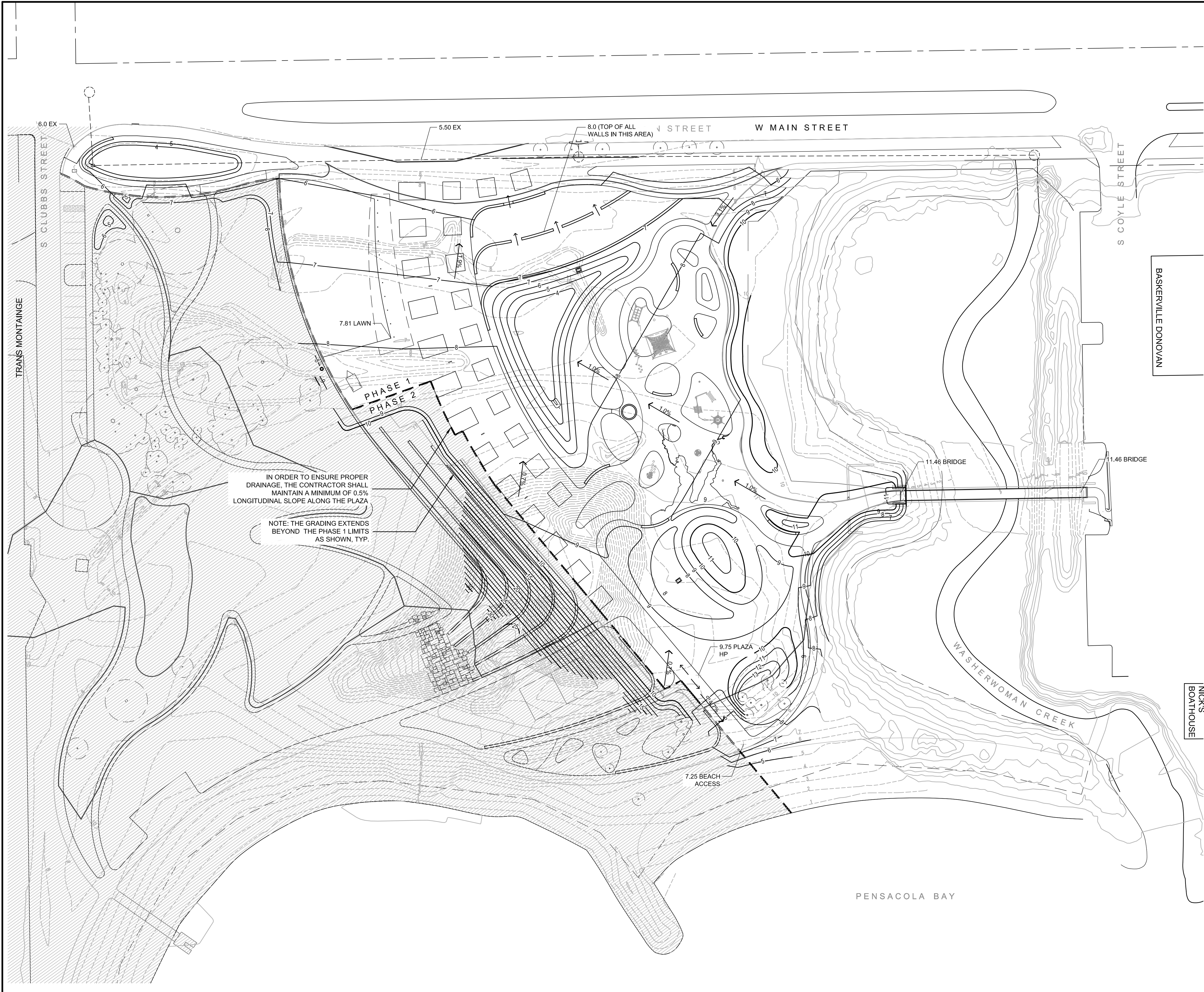


3 PLAN

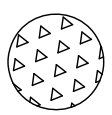


1 TYPICAL BUS BAY





GRADING PLAN KEY

 STORMWATER
MANAGEMENT AREA:
REFER TO C-450
DRAWING SERIES

 PROPOSED CONTOURS

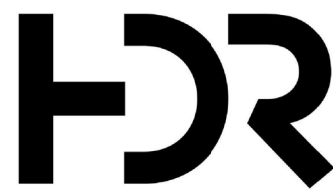
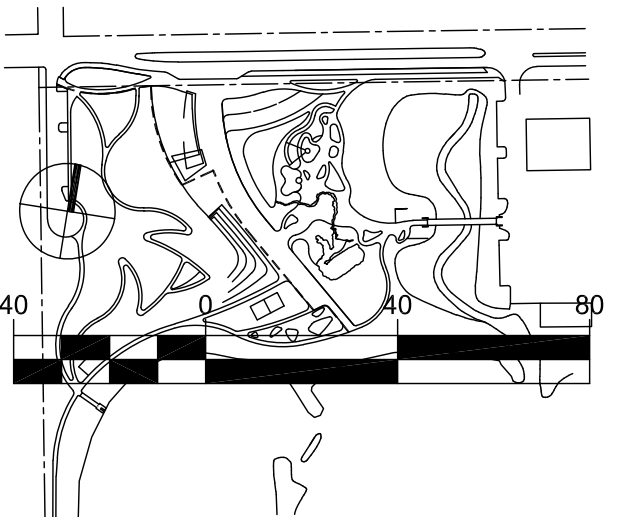
 EXISTING CONTOURS

 0.7% FLOW ARROW WITH
SLOPE PERCENTAGE

GRADING NOTES

1. GRADED SLOPES SHALL NOT EXCEED 3:1.
2. CROSS SLOPES ON ALL WALKWAYS, PLAZAS, AND THE PLAYGROUND SHALL NOT EXCEED 2%.

KEY PLAN



25 W. Cedar Street, Suite 200
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BRUCE BEACH PARK
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PHASE ONE

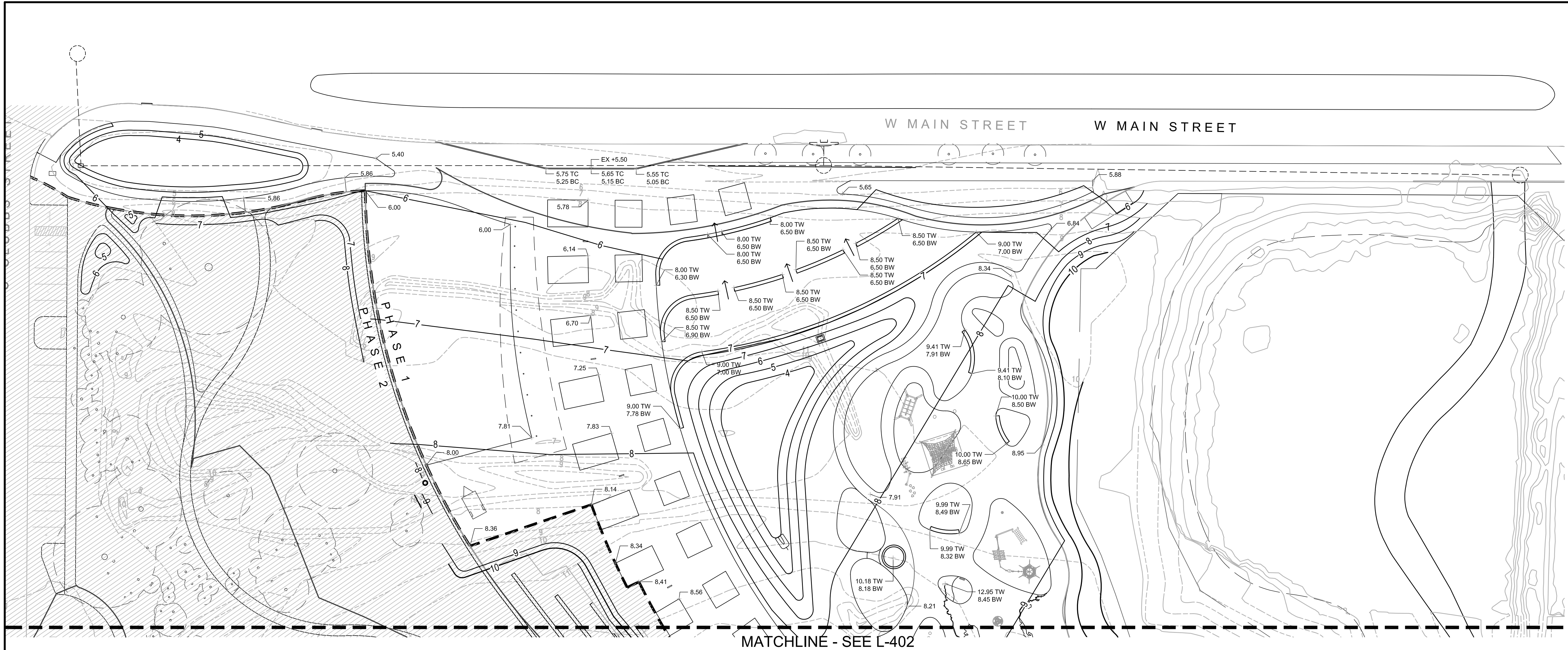
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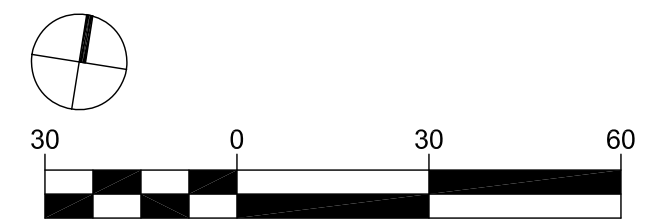
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**OVERALL
GRADING PLAN**

Scale
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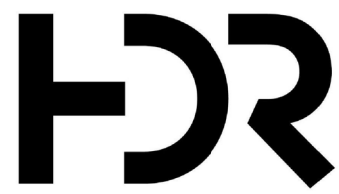
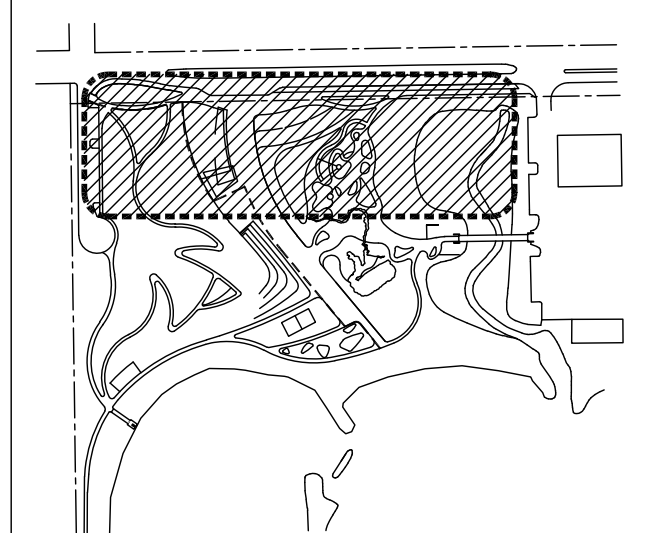
Sheet Number
L-400



MATCHLINE - SEE L-402



KEY PLAN



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Sheet Name
GRADING PLAN -
AREA 1

Scale
1" = 30'-0"

Sheet Number
L-401



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HDR Project Number: 10279441

Scale
1" = 30'-0"

Sheet Number

L-402

GENERAL NOTES - DRAINAGE:

1. THE CONTRACTOR SHALL NOTIFY THE CITY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE CITY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE CITY ENGINEER OR DESIGNEE.
4. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, JULY 2018 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. CITY OF PENSACOLA OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.
6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE CITY ENGINEER OR DESIGNEE.
10. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
11. ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS.
12. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS. THE PROJECT IS PERMITTED BY FDEP (GEN-xxx-xxxxxx-x)

13. ONLY ACCESS TO THE EASEMENTS AS SHOWN ARE GUARANTEED BY THE CITY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE CITY.
14. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

ROBERT SCOTT MILLS
BASKERVILLE-DONOVAN INC.
449 W. MAIN ST. PENSACOLA, FL 32502
15. DIRECT SPECIAL ATTENTION TO THE PROTECTION OF ALL GEODETIC MONUMENTS, HORIZONTAL OR VERTICAL, AND PUBLIC LAND SURVEY CORNERS LOCATED WITHIN THE PROJECT. IF ANY GEODETIC MONUMENT OR PUBLIC LAND SURVEY CORNER, LOCATED WITHIN THE PROJECT, IS AT RISK OF BEING DAMAGED OR DESTROYED, IMMEDIATELY NOTIFY THE CITY ENGINEER OR DESIGNEE. IN ADDITION, CONTACT JOE BARRETT, ESCAMBIA COUNTY SURVEYOR, TO OBTAIN APPROVAL TO LOCATE AND REPLACE ANY DAMAGED OR DESTROYED GEODETIC MONUMENTS OR PUBLIC LAND SURVEY CORNERS UNDER THE DIRECTION OF A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA.
16. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
17. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.
18. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.
19. IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SUCH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME, THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE CITY OF PENSACOLA HISTORIC PRESERVATION PLANNER, FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO), THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
20. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHALL CONTACT THE DISTRICT 1 MEDICAL EXAMINER'S OFFICE AND THE CITY OF PENSACOLA HISTORIC PRESERVATION PLANNER IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES; ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.

UTILITY NOTES:

1. THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
2. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS ACCORDING TO THE SUNSHINE ONE CALL INCLUDE:

WATER/SEWER:

EMERALD COAST UTILITY AUTHORITY
BRANDON KNIGHT
P.O. BOX 15311 PENSACOLA, FL. 32514
PH: (850) 969-3310 BKNIGHT@ECUA.ORG

ELECTRIC:

GULF POWER
CHAD SWAILS
5120 DOGWOOD DRIVE
MILTON, FL 32570 PH: (850) 429-2446
CHAD.SWAILS@NEXTERAENERGY.COM

TELEPHONE:

AT&T FLORIDA
JONATHON BLANKENCHIP
605 WEST GARDEN STREET
PENSACOLA, FL 32502 PH: (850) 624-7093
JB966P@ATT.COM

COX COMMUNICATION:

TROY YOUNG
3405 MCLEMORE DR
PENSACOLA, FL 32514 PH: (850) 857-4510.
TROY.YOUNG@COX.COM

NATURAL GAS:

PENSACOLA ENERGY
DIANE MOORE
1625 ATWOOD DRIVE
PENSACOLA, FL 32514 PH: (850) 474-5319
DMOORE@CITYOFPENSACOLA.COM

SUNSHINE STATE ONE-CALL

7200 LAKE ELLENOR DRIVE, SUITE 200
ORLANDO, FL. 32809 PH: (800) 432-4770

3. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
4. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.



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PHASE ONE

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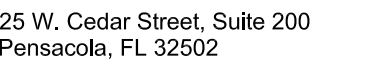
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Sheet Name
DRAINAGE NOTES

Scale
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Sheet Number

L-450



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Pensacola, FL 32502

PHASE ONE

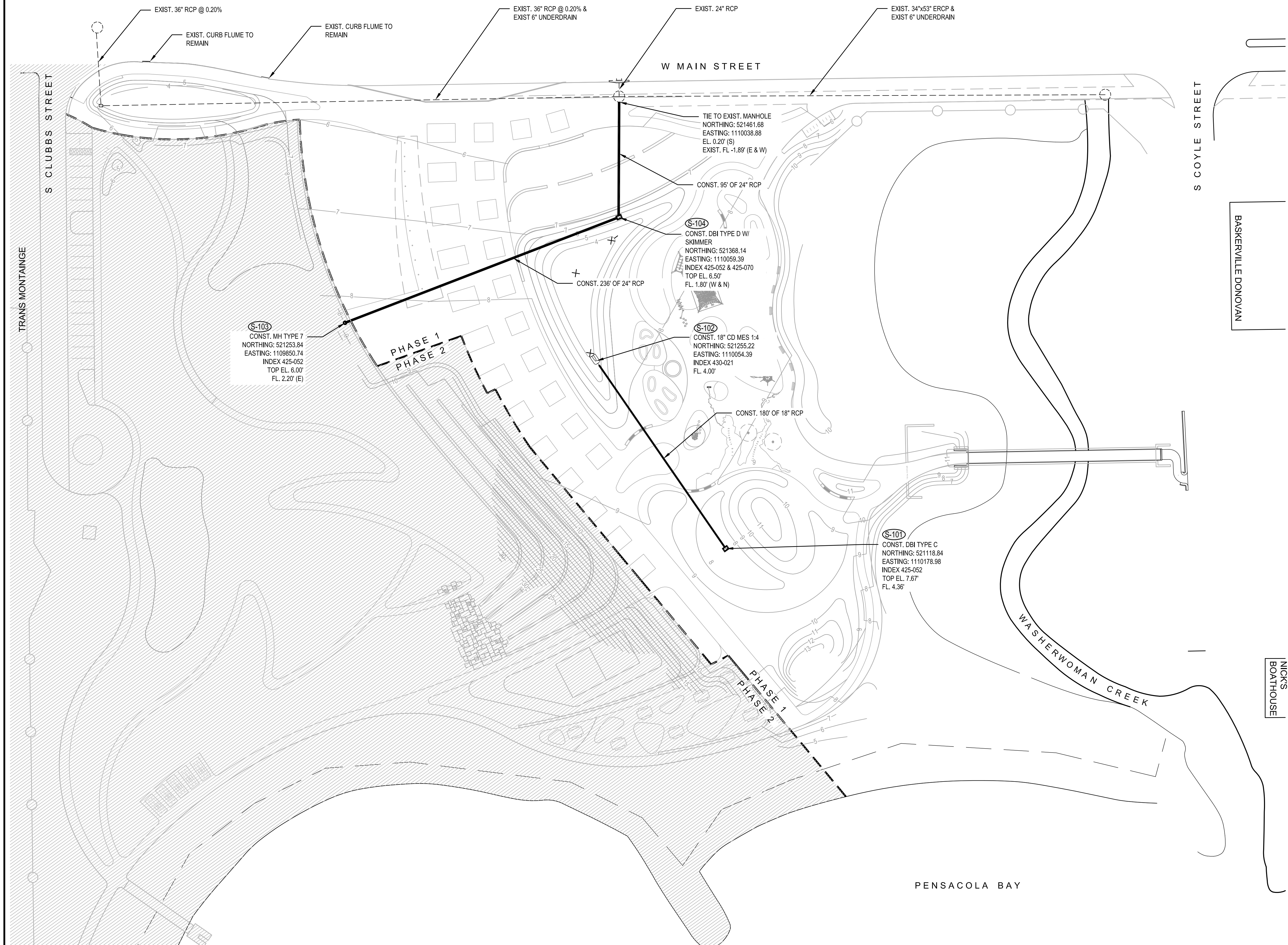
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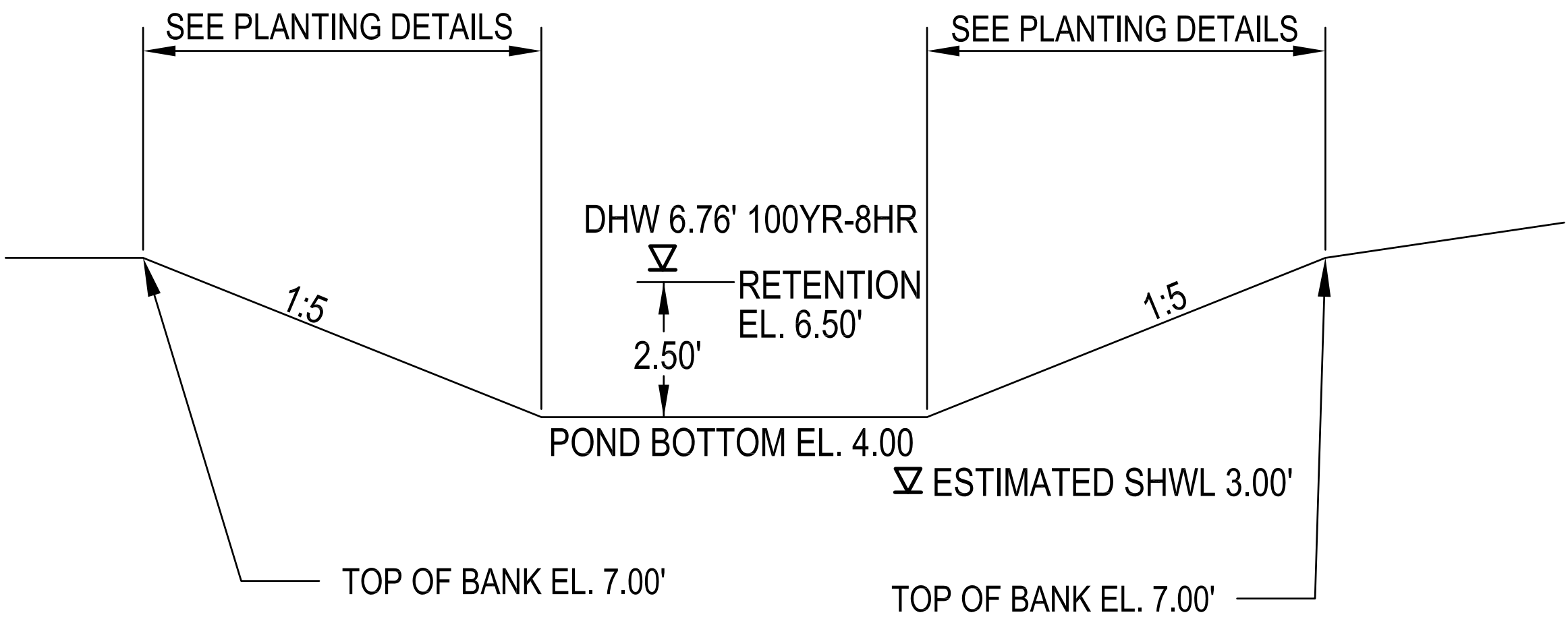
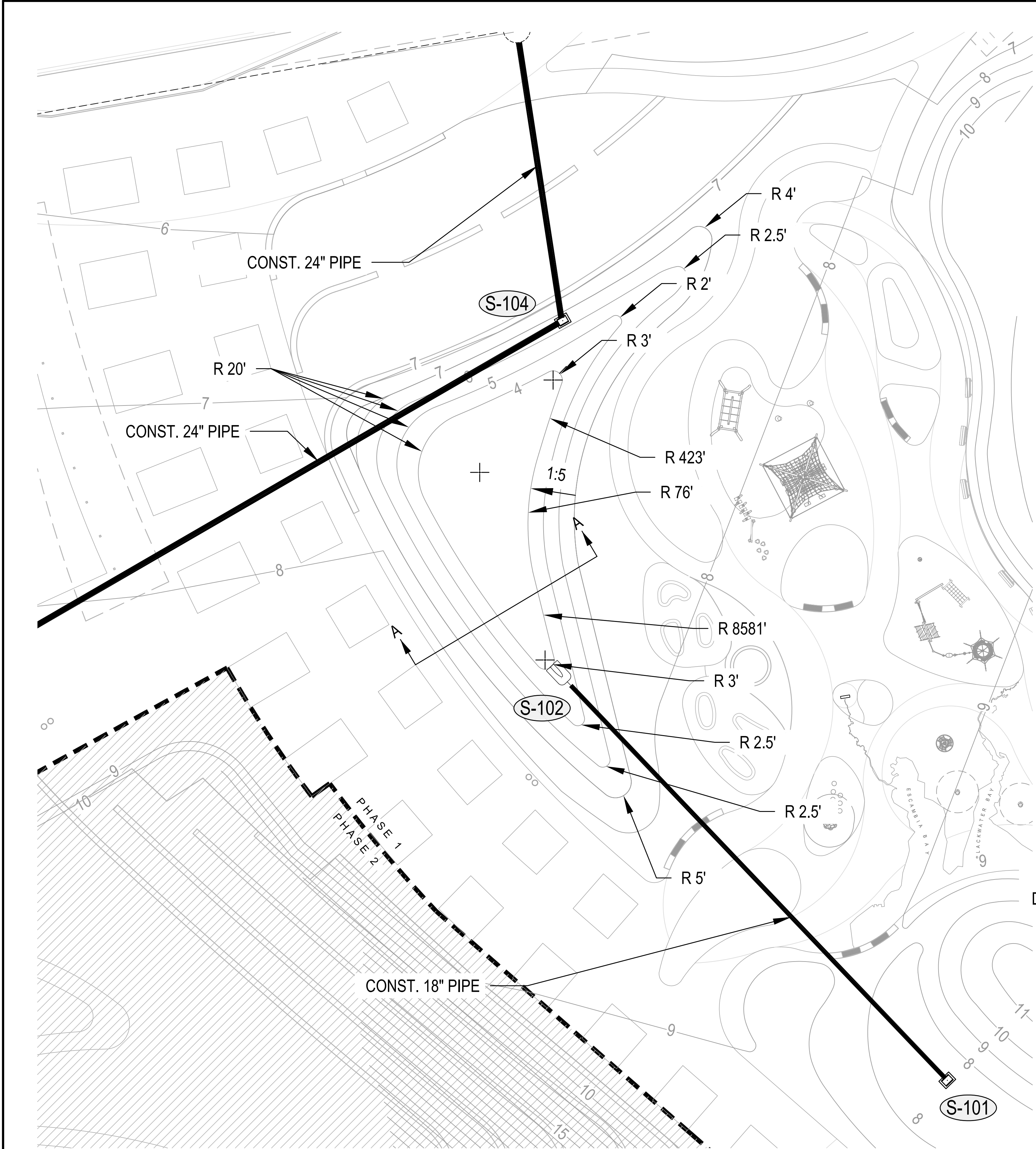
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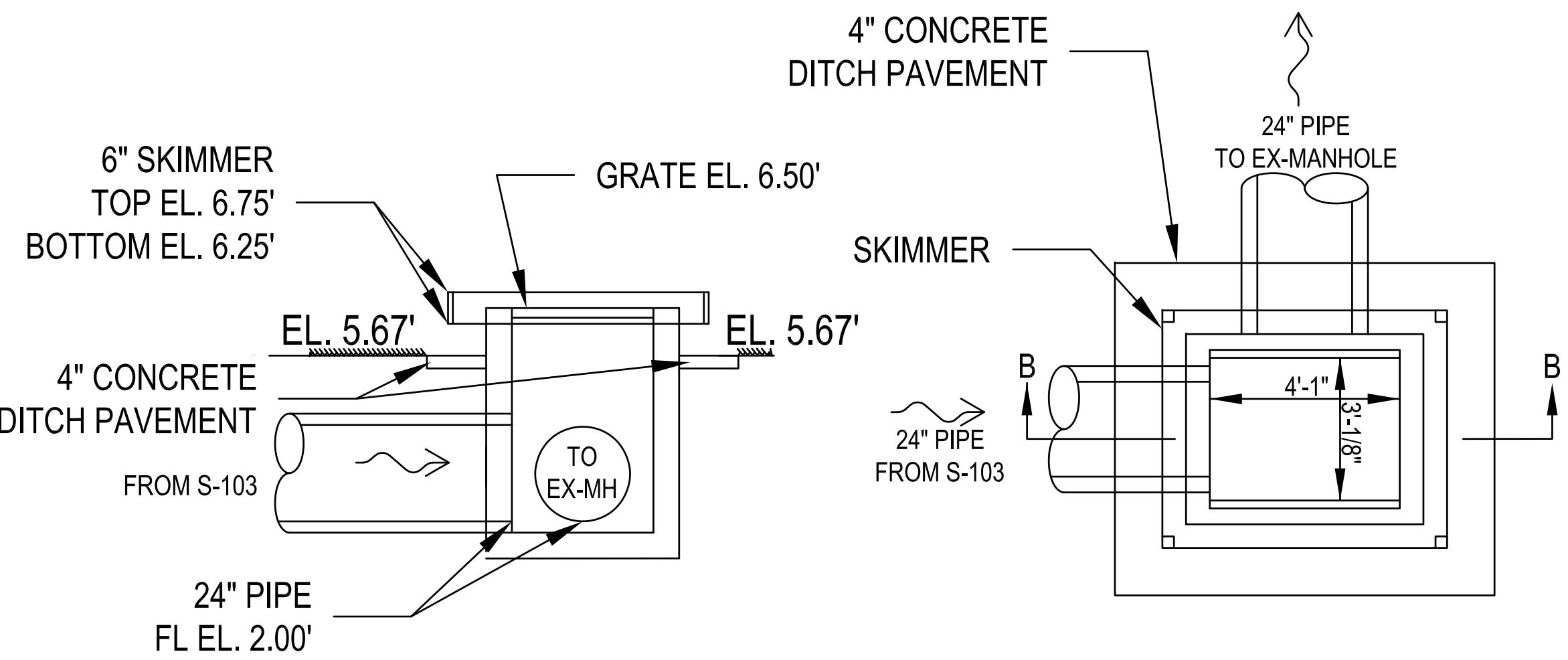
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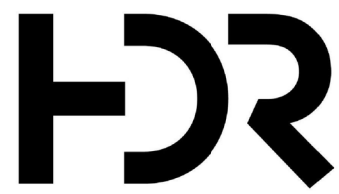
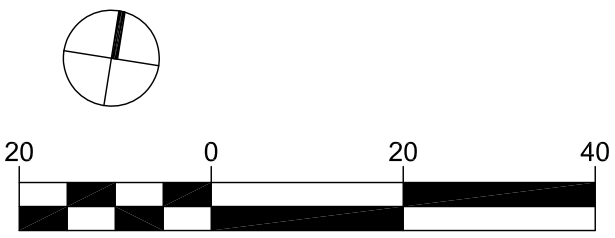


POND TYPICAL SECTION A-A
N.T.S.



CONTROL STRUCTURE DETAIL
S-104
SECTION B-B
N.T.S.

CONTROL STRUCTURE DETAIL
S-104
PLAN VIEW
N.T.S.



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Sheet Name
POND DETAILS

Scale
1" = 20'-0"

Sheet Number
L-452

SITE-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN

THE CONTRACTOR'S PROFESSIONAL ENGINEER (PE), OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC) WILL PREPARE AND SUBMIT A SITE-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN TO CITY OF PENSACOLA FOR REVIEW AND APPROVAL PRIOR TO ANY WORK BEING PERFORMED. THE EROSION AND SEDIMENT CONTROL PLAN SHALL FOLLOW GUIDELINES DOCUMENTED IN THE STATE OF FLORIDA, EROSION AND SEDIMENT CONTROL - DESIGNER AND REVIEWER MANUAL, DATED JUNE 2007, UPDATED 2013 (<http://www.fdot.gov/roadway/drainage/files/Erosion-Sediment-Control.pdf>).

AT A MINIMUM, THE EROSION AND SEDIMENT CONTROL PLANS FOR THIS PROJECT REQUIRE SEDIMENT BARRIER TO BE PLACED WHERE THERE IS POTENTIAL FOR TURBID STORMWATER RUNOFF TO DISCHARGE OFF-SITE. INLET PROTECTION IS REQUIRED FOR ALL INLETS THAT COULD RECEIVE RUNOFF FROM DISTURBED AREAS. ARTIFICIAL COVERINGS AND TEMPORARY SLOPE DRAINS ARE REQUIRED IN AREAS WITH HIGH SLOPES. RUNOFF CONTROL STRUCTURES WILL BE REQUIRED WITHIN ALL CHANNELS. A SOIL TRACKING PREVENTION DEVICE SHALL BE INSTALLED AT POINTS OF EGRESS FROM UN-STABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFF-SITE TRACKING OF MUD COULD OCCUR.

PAY PARTICULAR ATTENTION TO THE PROTECTION OF UPLAND BUFFERS, NON-IMPACTED WETLANDS, AND SURFACE WATERS ADJACENT TO THE LIMITS OF WORK TO PREVENT TURBID DISCHARGES TO THESE AREAS.

THE MEASURES LISTED ABOVE AND SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS AND PHASING.

1. SITE DESCRIPTION:

CONSTRUCTION ACTIVITY INCLUDES NEW CONSTRUCTION, STORM SEWER, SITE GRADING, SIDEWALK, PLAY GROUND AMENITIES, AND SEDIMENT BASIN GRADING.

PROJECT LIMITS:
THE PROJECT IS LOCATED SOUTH OF MAIN STREET BETWEEN CLUBBS STREET AND S COYLE STREET IN PENSACOLA, FLORIDA

PROJECT DESCRIPTION:
CONSTRUCTION OF SIDEWALKS, PLAYGROUND EQUIPMENT, PARK AMENITIES, AND STORMWATER MANAGEMENT FACILITIES.

THE MAJOR SOIL DISTURBING ACTIVITIES INCLUDE SITE GRADING.

TOTAL AREA TO BE DISTURBED:
TOTAL SITE AREA: 7.63 AC
TOTAL IMPERVIOUS AREA: 2.88 AC
TOTAL PERVIOUS AREA: 4.75 AC

RUNOFF COEFFICIENTS:
C= 0.35 (BEFORE)
C= 0.50 (DURING)
C= 0.55 (AFTER)

(2) ESTIMATES OF SIZE OF PROJECT AREA FOR EACH OUTFALL:
WASHERWOMANS CREEK - TOTAL AREA 8.25 ACRES (INCLUDES OFFSITE FLOWS ROUTED THROUGH PROJECT AREA)

(3) LOCATIONS OF OUTFALLS:
POND OUTFALL: LAT N33° 35' 23", LONG. W79° 00' 38" (WASHERWOMANS CREEK)

(4) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:
SOILS ARE PRIMARILY ARENTS-URBAN LAND COMPLEX.

THE CONSTRUCTION PLANS SHALL BE USED FOR THE SITE MAP.

2. CONTROLS:

TEMPORARY EROSION CONTROL MEASURES ARE SHOWN ON THE EROSION CONTROL PLANS AND PERMANENT EROSION CONTROL MEASURES ARE SHOWN IN THE CONSTRUCTION PLANS.

a. EROSION AND SEDIMENT CONTROLS:

(1) STABILIZATION PRACTICES:

- | | |
|---|--|
| <input checked="" type="checkbox"/> TEMPORARY SODDING | <input checked="" type="checkbox"/> ARTIFICIAL COVERING |
| <input type="checkbox"/> TEMPORARY GRASSING | <input checked="" type="checkbox"/> BUFFER ZONES |
| <input checked="" type="checkbox"/> PERMANENT PLANTING, SODDING, OR SEEDING | <input type="checkbox"/> PRESERVATION OF NATURAL RESOURCES |
| <input type="checkbox"/> TEMPORARY MULCHING | |

-LOCATION OF ARTIFICIAL COVERING IS TO BE DETERMINED BASED ON SITE CONDITIONS
-THIS LIST MAY NOT INCLUDE ALL MEASURES BASED ON ACTUAL SITE CONDITIONS

STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

OTHER:

THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

(2) STRUCTURAL PRACTICES:

- | | |
|---|--|
| <input type="checkbox"/> SAND BAGGING | <input type="checkbox"/> SEDIMENT TRAPS |
| <input checked="" type="checkbox"/> SEDIMENT BARRIER | <input checked="" type="checkbox"/> SEDIMENT BASINS |
| <input type="checkbox"/> SYNTHETIC BALES | <input type="checkbox"/> STORM INLET SEDIMENT TRAP |
| <input checked="" type="checkbox"/> BERMS | <input type="checkbox"/> STONE OUTLET STRUCTURES |
| <input type="checkbox"/> DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES | <input type="checkbox"/> CURBS AND GUTTERS |
| <input checked="" type="checkbox"/> PIPE SLOPE DRAINS | <input checked="" type="checkbox"/> STORM SEWERS |
| <input type="checkbox"/> FLUMES | <input type="checkbox"/> VELOCITY CONTROL DEVICES |
| <input checked="" type="checkbox"/> ROCK BEDDING AT CONSTRUCTION EXIT | <input checked="" type="checkbox"/> FLOATING TURBIDITY BARRIER |
| <input type="checkbox"/> TIMBER BEDDING AT CONSTRUCTION EXIT | <input checked="" type="checkbox"/> RIPRAP |
| <input checked="" type="checkbox"/> RUNOFF CONTROL STRUCTURE | <input checked="" type="checkbox"/> WATTLES |
| <input checked="" type="checkbox"/> INLET PROTECTION | |

LOCATIONS OF SEDIMENT BASINS, STORM DRAINS, AND RIP RAP ARE SHOWN ON THE CONSTRUCTION PLANS. THIS LIST MAY NOT INCLUDE ALL CONTROL MEASURES. ACTUAL SITE CONDITIONS MAY REQUIRE ADDITIONAL CONTROL MEASURES.

SEDIMENT BARRIER WILL BE USED TO PROTECT ALL UNDISTURBED WETLANDS.

OTHER:

THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

b. DESCRIPTION OF SEDIMENT BASINS:

THERE ARE 3 SEDIMENT BASIN FACILITIES TO BE CONSTRUCTED WITH THIS PROJECT. ONE IN PHASE I, TWO IN PHASE 2.

c. OTHER CONTROLS

(1) WASTE DISPOSAL:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

(2) OFFSITE VEHICLE TRACKING:

- | |
|--|
| <input checked="" type="checkbox"/> HAUL ROADS DAMPENED FOR DUST CONTROL |
| <input checked="" type="checkbox"/> LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN |
| <input checked="" type="checkbox"/> EXCESS DIRT ON ROAD REMOVED DAILY |
| <input checked="" type="checkbox"/> STABILIZED CONSTRUCTION ENTRANCES |

OTHER:

THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

(3) SANITARY WASTE:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

(5) TOXIC SUBSTANCES (INCLUDING SPILL REPORTING):

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE CITY PROJECT MANAGER IMMEDIATELY.

d. FEDERAL, STATE, AND LOCAL PLANS, AND PERMITS:

- FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, ERP PERMIT IS ANTICIPATED.
- FDEP NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION SITE, (CH 62-621 FAC) TO BE OBTAINED BY THE CONTRACTOR

3. MAINTENANCE:

MAINTENANCE OF PERMANENT AND TEMPORARY FEATURES SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PENSACOLA SPECIFICATIONS.

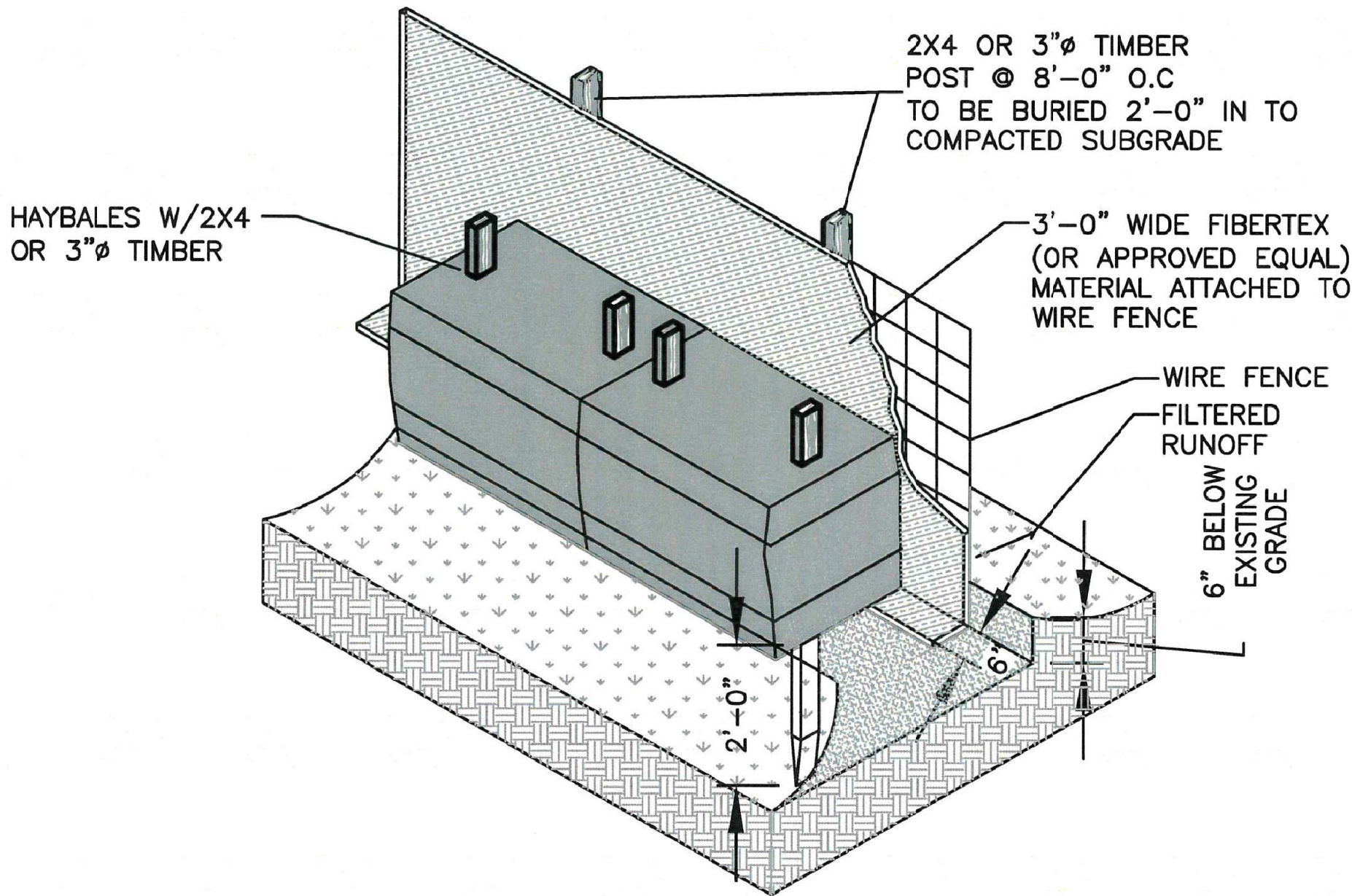
THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN SUBMITTED TO THE CITY.

4. INSPECTION:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INSPECTIONS OF EROSION CONTROL FEATURES. QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.25 INCHES OR GREATER. WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.
-POINTS OF DISCHARGE FROM THE PROJECT SITE
-DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
-AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
-STRUCTURAL CONTROLS
-SEDIMENT BASINS
-LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

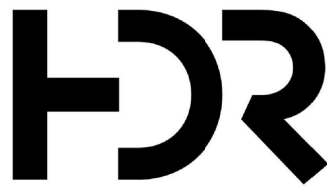
5. NON-STORMWATER ACTIVITIES:

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS AND IDENTIFYING ALL ANTICIPATED NON-STORMWATER DISCHARGES.



NOTE: AT THE COMPLETION OF THE PROJECT AND AFTER SOIL STABILIZATION AND VEGETATIVE GROWTH HAVE BEEN ASSURED, THE SILT FENCE MUST BE COMPLETELY REMOVED AND THE EMBEDMENT TRENCH RESTORED TO A NATURAL CONDITION.

HAYBALES & SILT FENCE DETAIL
SCALE: N.T.S.



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

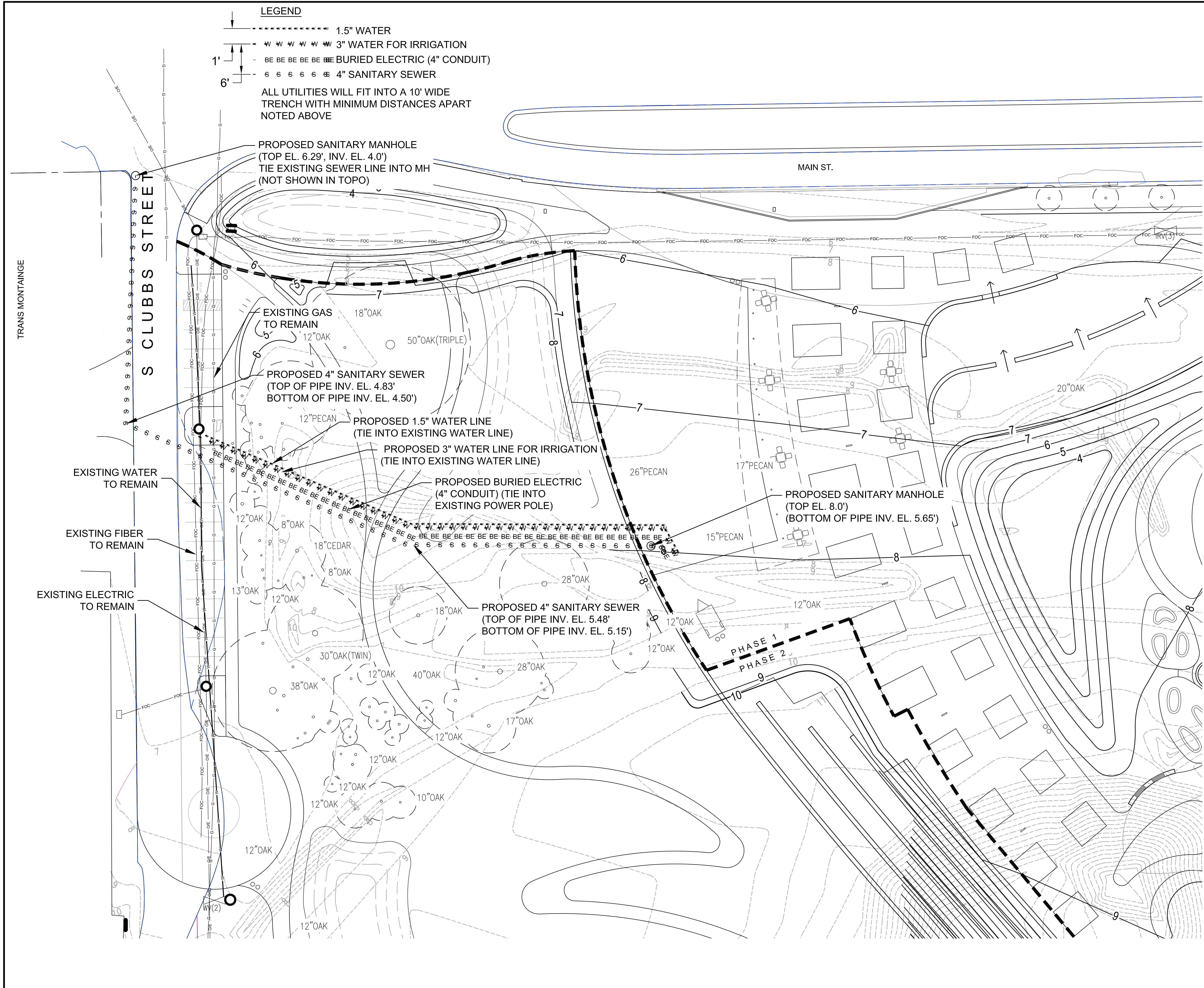
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11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
**STORMWATER
POLLUTION
PREVENTION PLAN**

Scale
NTS

Sheet Number
L-453



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

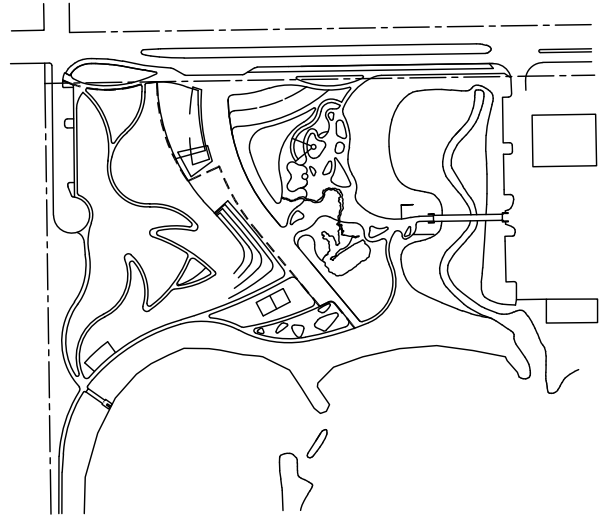
PHASE ONE

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11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
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HDR Project Number: 10279441



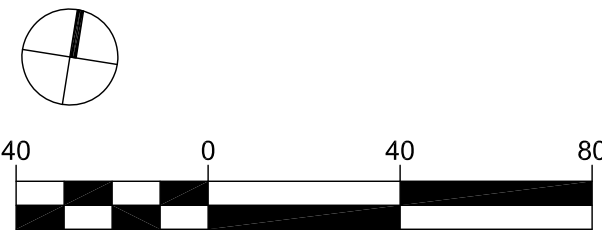
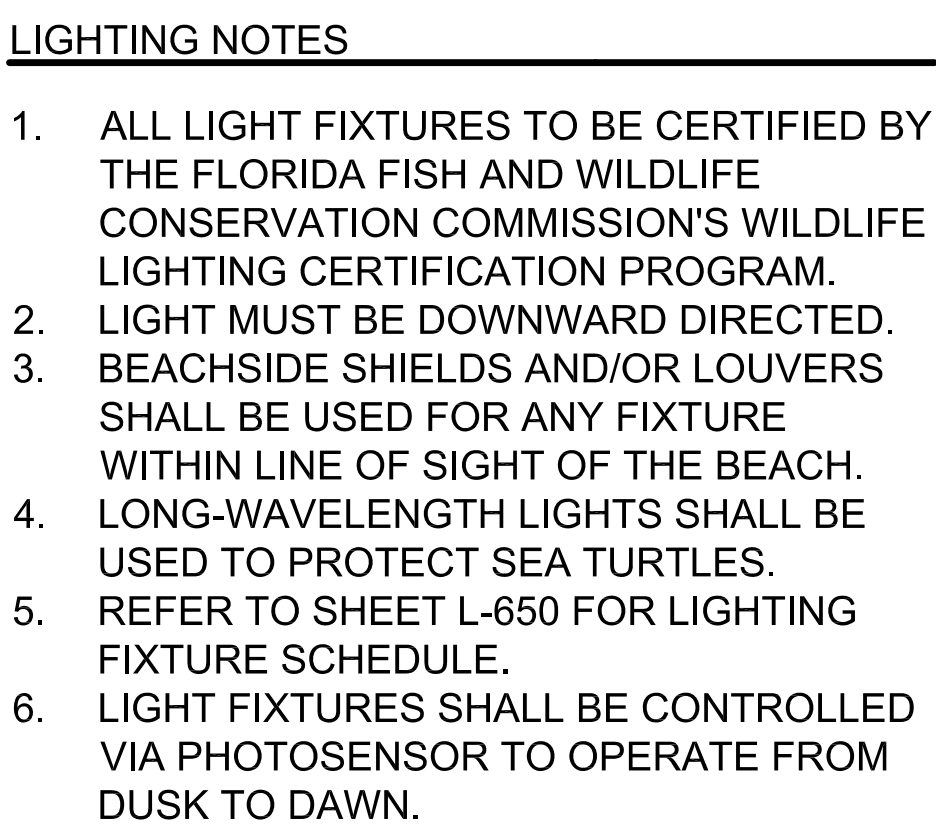
KEY PLAN



Sheet Name
UTILITY PLAN

Scale
1" = 20'-0"

Sheet Number
L-500



HDR

25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

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HDR Project Number: 10279441

Sheet Name

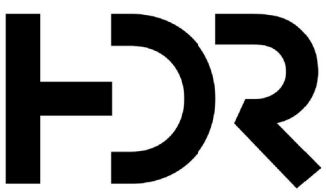
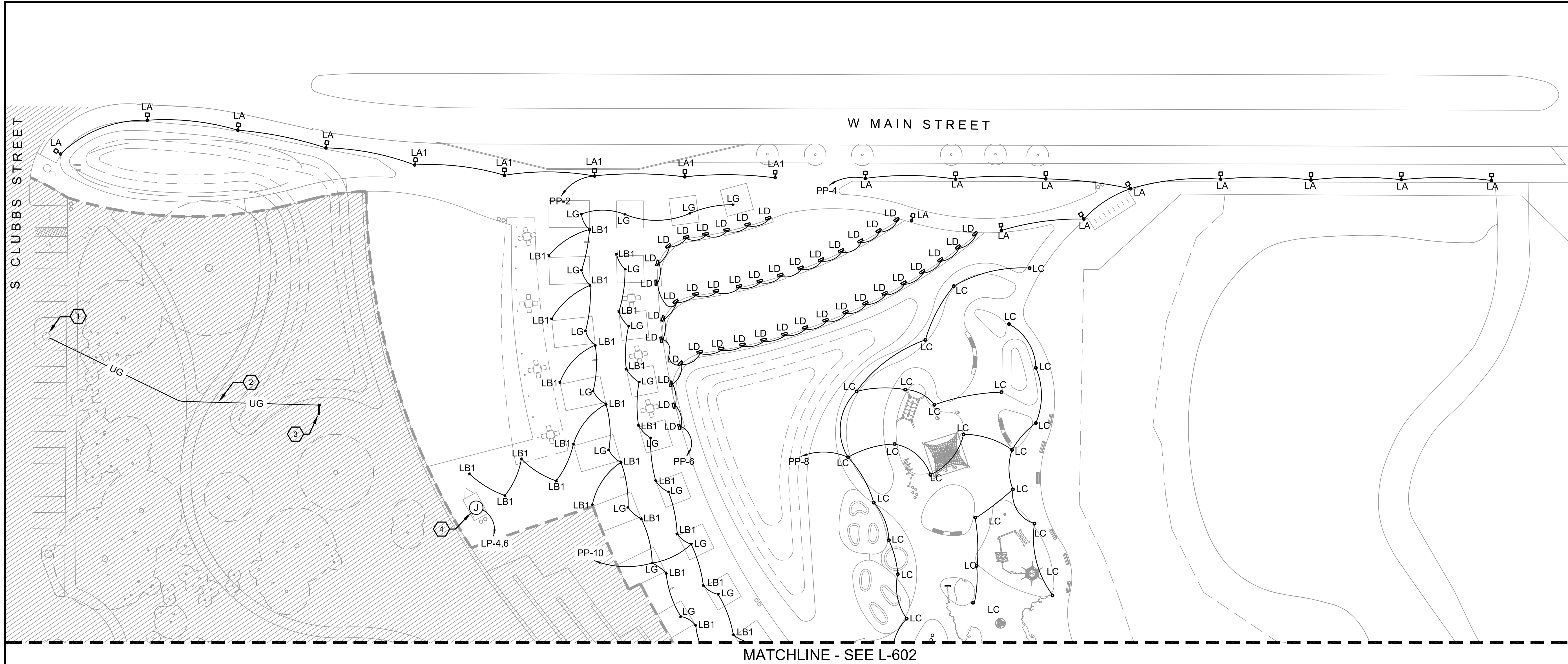
SITE LIGHTING - OVERALL PLAN AND GENERAL NOTES

Scale

NTS

Sheet Number

L-600



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



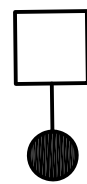
BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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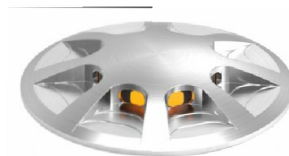
LIGHTING FIXTURES



LA, LA1: PARKING LOT & SIDEWALK -
LUMEC, METROSCAPE



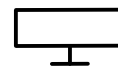
LB, LB1: MARKER LIGHT -
LUMASCAPE, LS553LED



LC: PLAYGROUND LIGHT -
LITHONIA, KBR8



LG: TREE UPLIGHT
BEGA



LD: WALL/STEP LIGHT -
BEGA, 33017

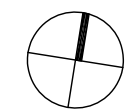


LIGHTING NOTES

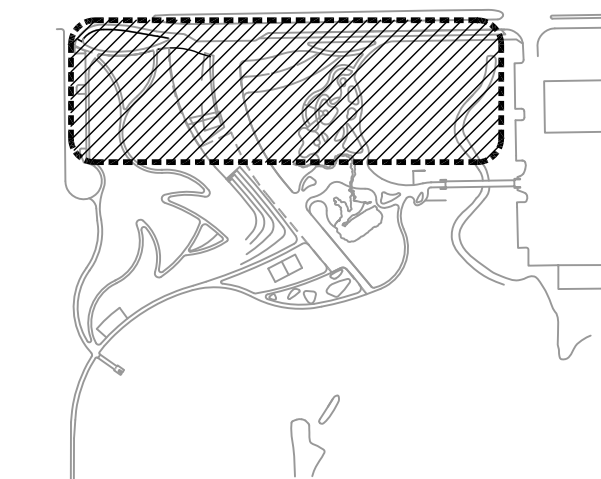
- ALL LIGHT FIXTURES TO BE CERTIFIED BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION'S WILDLIFE LIGHTING CERTIFICATION PROGRAM.
- LIGHT MUST BE DOWNWARD DIRECTED.
- BEACHSIDE SHIELDS AND/OR LOUVERS SHALL BE USED FOR ANY FIXTURE WITHIN LINE OF SIGHT OF THE BEACH.
- LONG-WAVELENGTH LIGHTS SHALL BE USED TO PROTECT SEA TURTLES.
- REFER TO SHEET L-650 FOR LIGHTING FIXTURE SCHEDULE.
- LIGHT FIXTURES SHALL BE CONTROLLED VIA PHOTOSENSOR TO OPERATE FROM DUSK TO DAWN.

KEY NOTES: (#)

- EXISTING UTILITY COMPANY POWER POLE WITH OVERHEAD 3-PHASE PRIMARY. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR THE INSTALLATION OF A 480/277 VOLT, 3-PHASE TRANSFORMER BANK. CONTRACTOR TO PROVIDE CONDUIT AND HARDWARE ON POLE AS REQUIRED FOR OVERHEAD TO UNDERGROUND 3-PHASE SECONDARY SERVICE.
- NEW UNDERGROUND SECONDARY SERVICE BY CONTRACTOR. SEE ONE-LINE DIAGRAM FOR WIRE AND CONDUIT SIZE. CONTRACTOR TO COORDINATE ROUTE OF TRENCHING TO AVOID DISTURBANCE OF EXISTING TREES.
- ELECTRICAL EQUIPMENT RACK, SEE DETAIL SHEET L-651.
- CONNECTION TO CIRCUITS IN RESTROOM, COORDINATE EXACT LOCATION.



KEY PLAN



Sheet Name

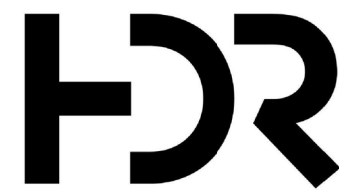
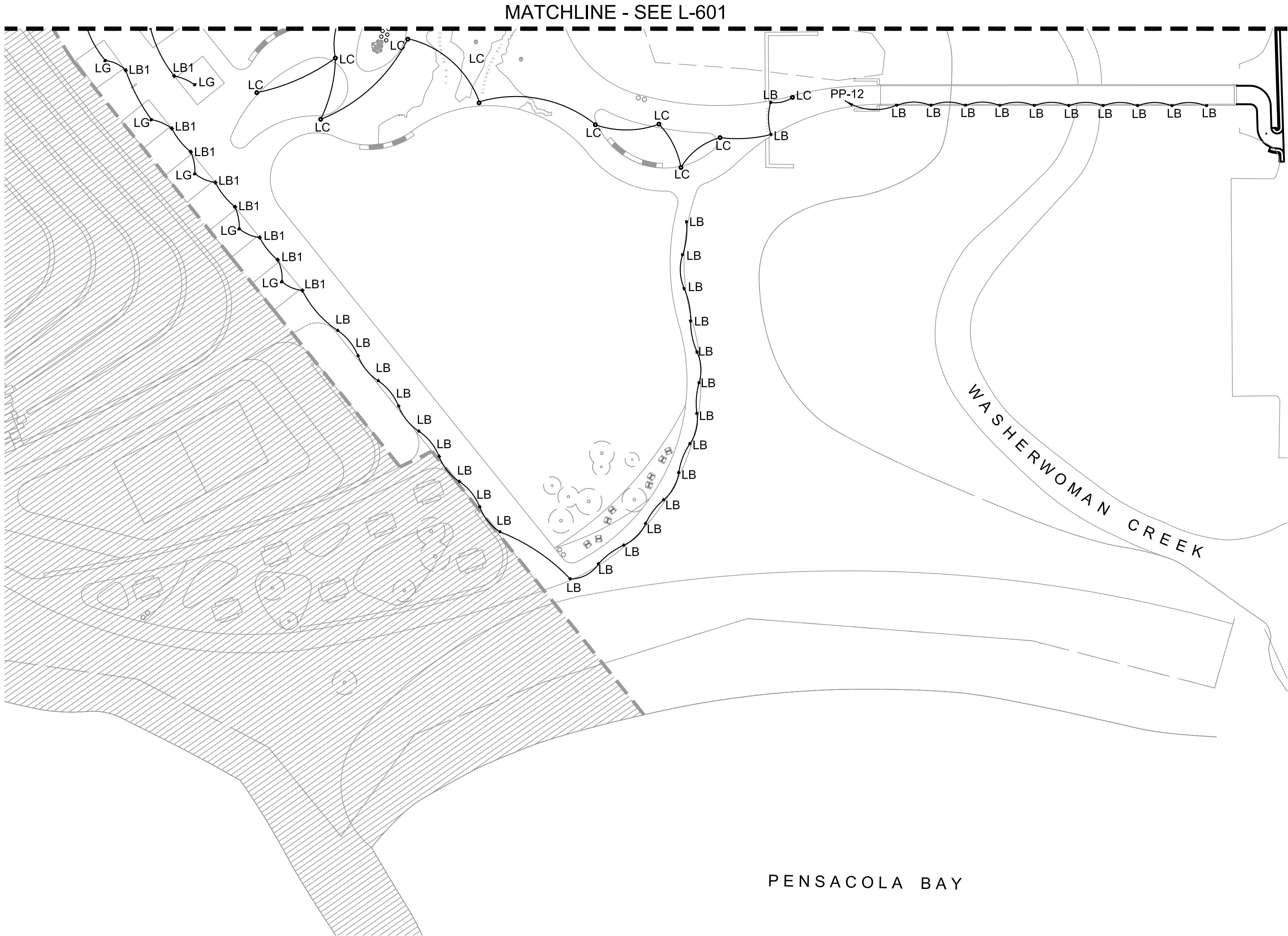
SITE LIGHTING -
AREA 1

Scale

1" = 30'-0"

Sheet Number

L-601



25 W. Cedar Street, Suite 200
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BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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HDR Project Number: 10279441

Sheet Name
SITE LIGHTING -
AREA 2

Scale
1" = 30'-0"

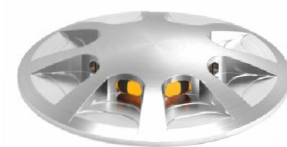
Sheet Number
L-602

LIGHTING FIXTURES

LA, LA1: PARKING LOT & SIDEWALK -
LUMEC, METROSCAPE



LB, LB1: MARKER LIGHT -
LUMASCAPE, LS553LED



LC: PLAYGROUND LIGHT -
LITHONIA, KBR8



LD: WALL/STEP LIGHT -
BEGA, 33017

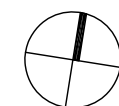


LG: TREE UPLIGHT
BEGA

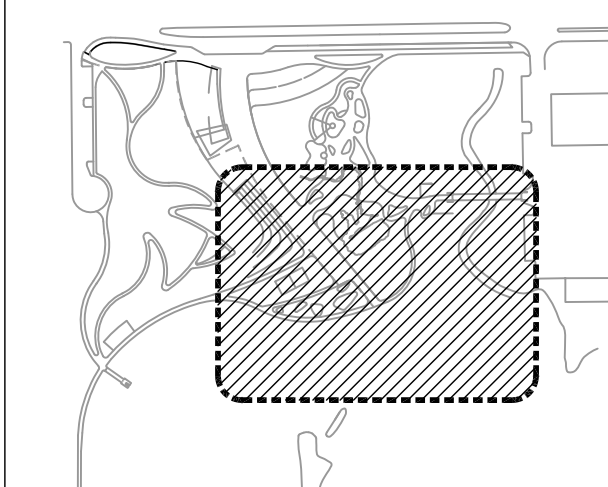


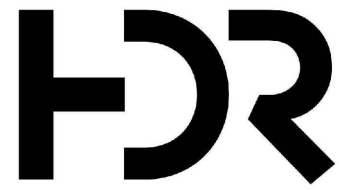
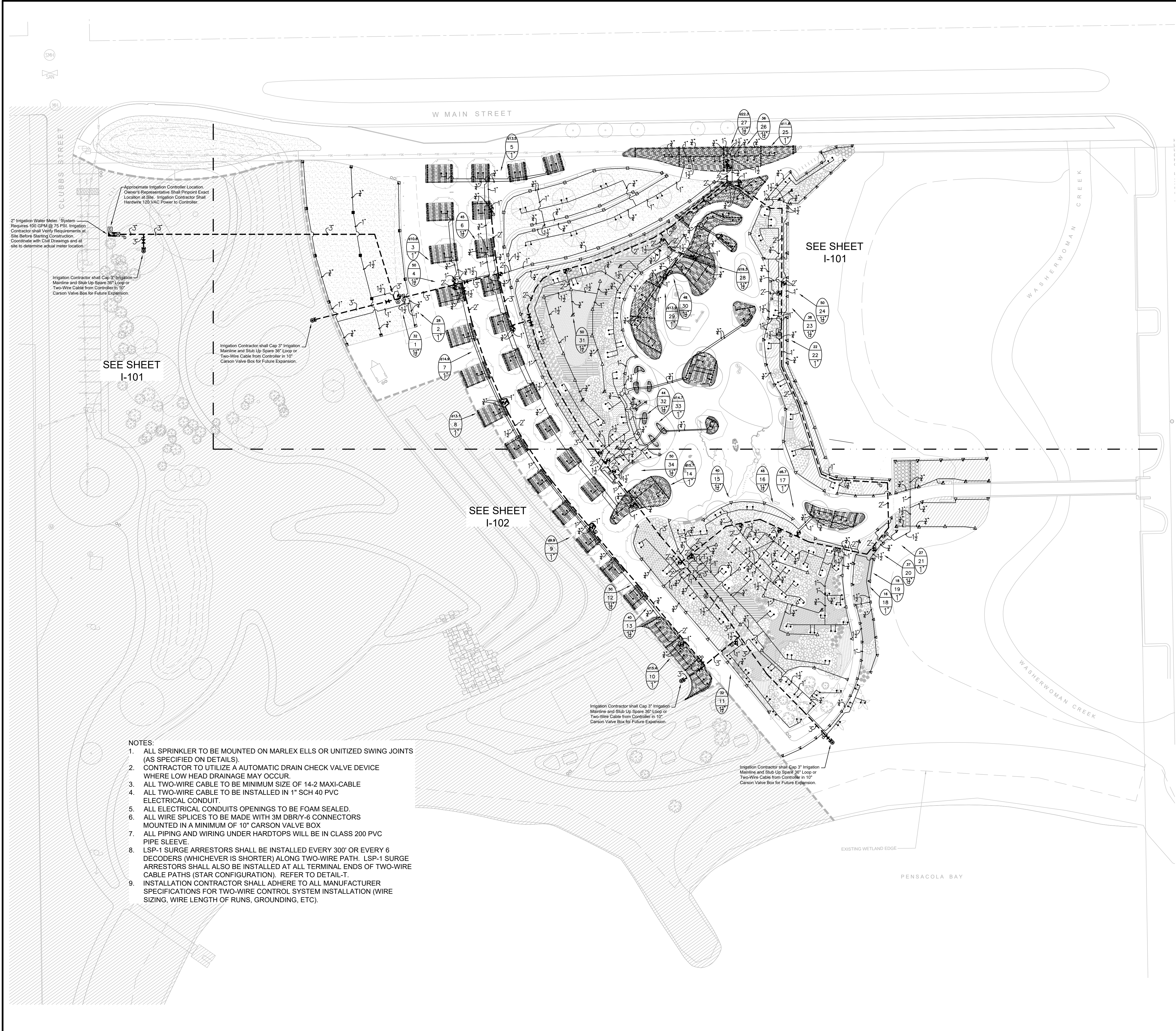
LIGHTING NOTES

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- LONG-WAVELENGTH LIGHTS SHALL BE USED TO PROTECT SEA TURTLES.
- REFER TO SHEET L-650 FOR LIGHTING FIXTURE SCHEDULE.
- LIGHT FIXTURES SHALL BE CONTROLLED VIA PHOTOSENSOR TO OPERATE FROM DUSK TO DAWN.



KEY PLAN





25 W. Cedar Street, Suite 200
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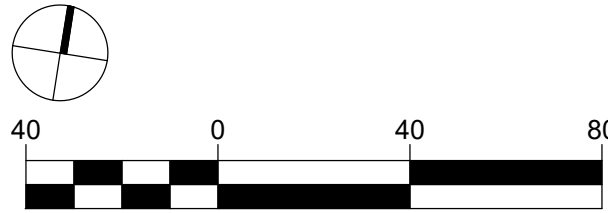


BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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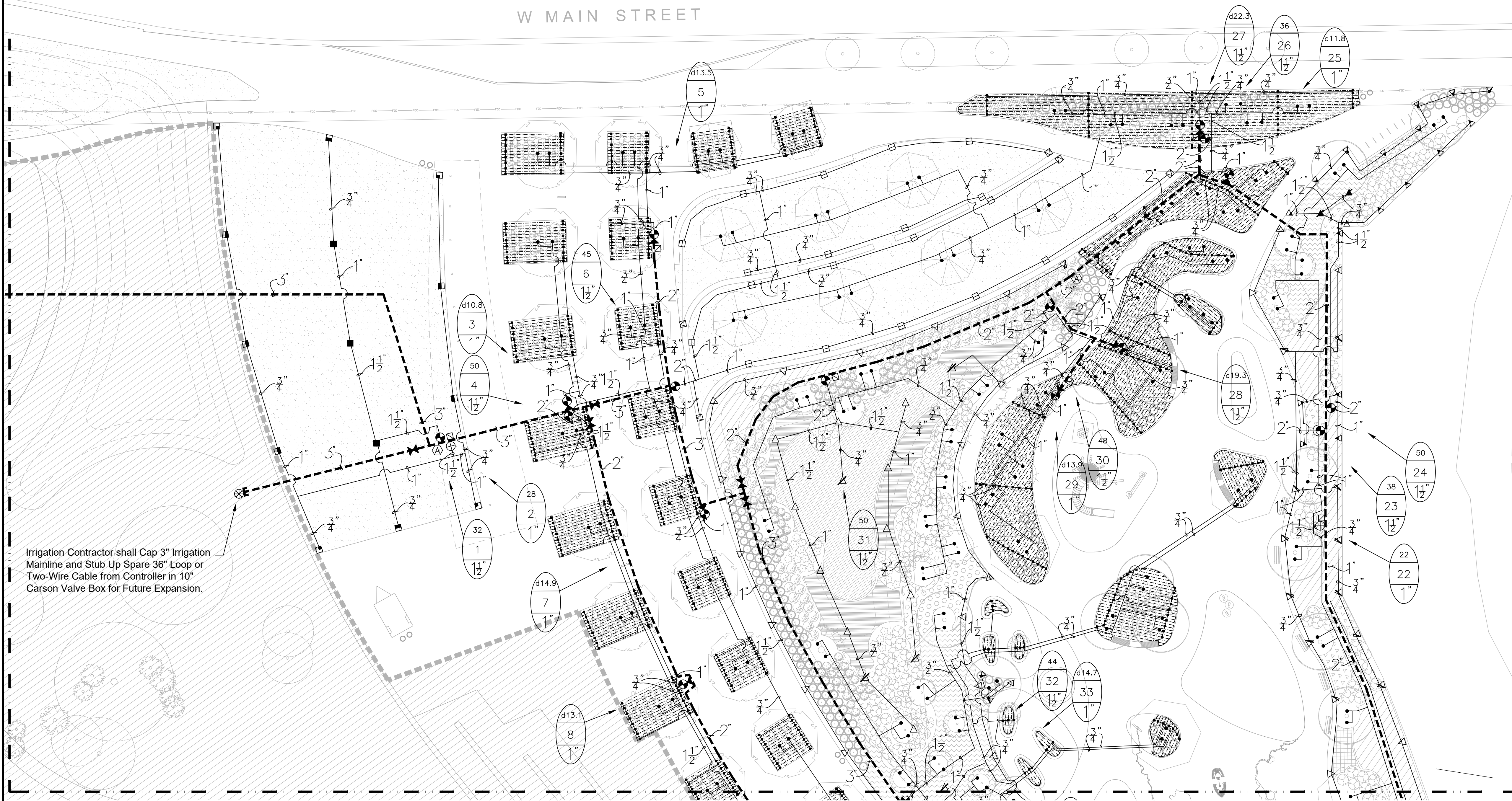
KEY PLAN

Sheet Name
IRRIGATION PLAN
- OVERALL

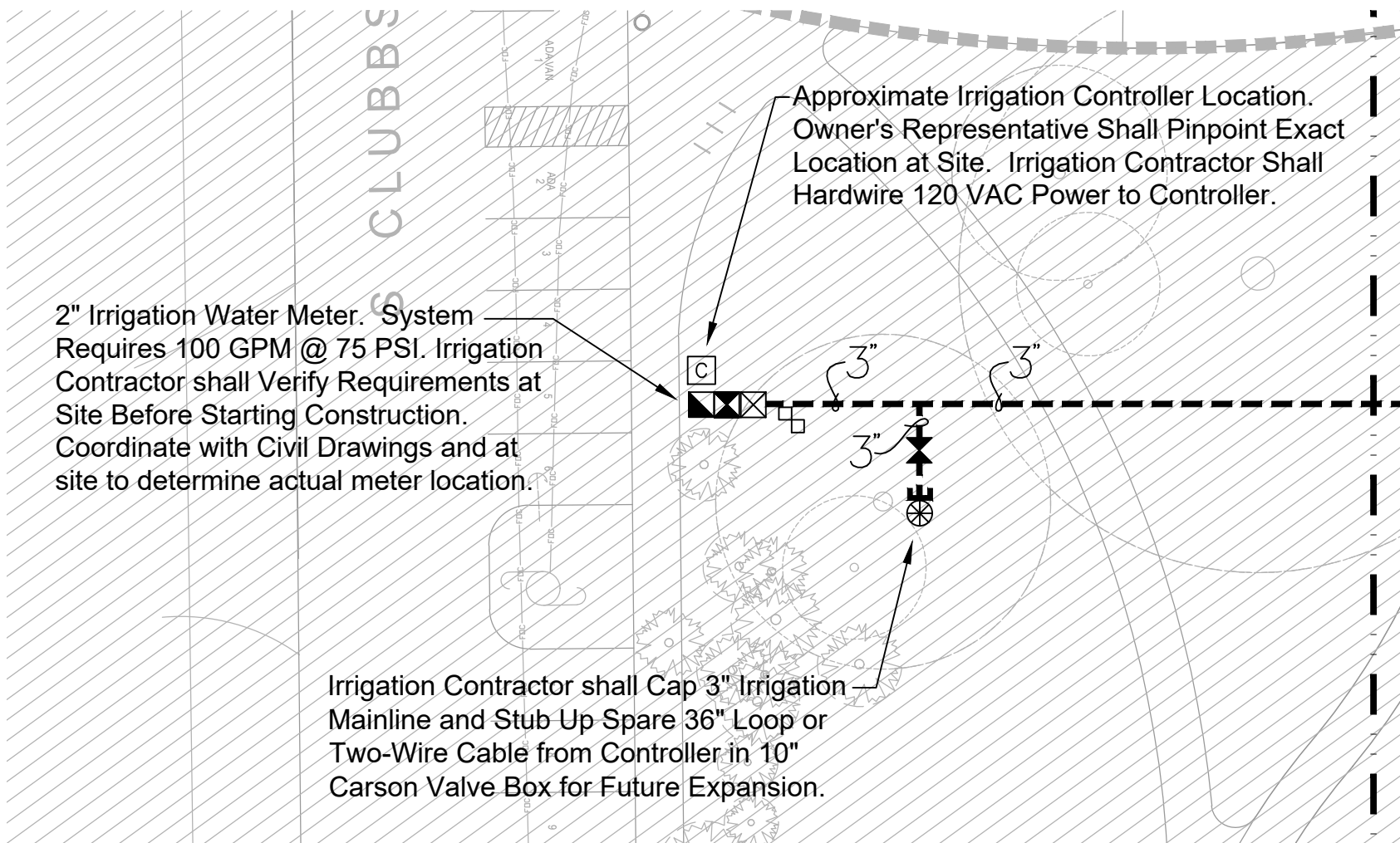
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Sheet Number
I-100

W MAIN STREET



Irrigation Contractor shall Cap 3" Irrigation Mainline and Stub Up Spare 36" Loop or Two-Wire Cable from Controller in 10" Carson Valve Box for Future Expansion.

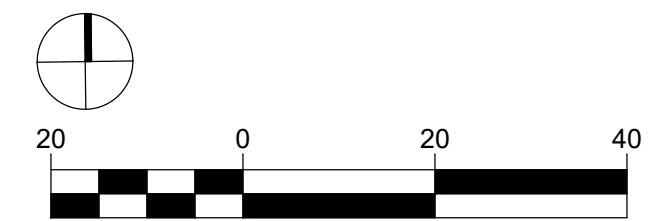


2" Irrigation Water Meter. System Requires 100 GPM @ 75 PSI. Irrigation Contractor shall Verify Requirements at Site Before Starting Construction. Coordinate with Civil Drawings and at site to determine actual meter location.

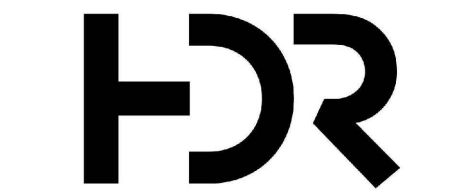
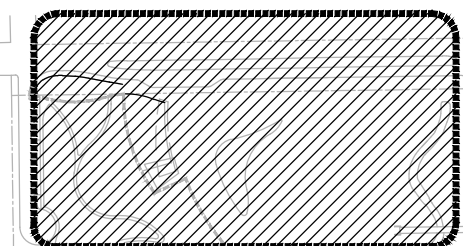
Irrigation Contractor shall Cap 3" Irrigation Mainline and Stub Up Spare 36" Loop or Two-Wire Cable from Controller in 10" Carson Valve Box for Future Expansion.

Approximate Irrigation Controller Location. Owner's Representative Shall Pinpoint Exact Location at Site. Irrigation Contractor Shall Hardwire 120 VAC Power to Controller.

- NOTES:
1. ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
 2. CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
 3. ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE
 4. ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
 5. ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
 6. ALL WIRE SPLICES TO BE MADE WITH 3M DBRY-6 CONNECTORS MOUNTED IN A MINIMUM OF 10" CARSON VALVE BOX
 7. ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE
 8. LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS (STAR CONFIGURATION). REFER TO DETAIL-T.
 9. INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).



KEY PLAN



25 W. Cedar Street, Suite 200
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PENSACOLA
FLORIDA'S FIRST & FUTURE

BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

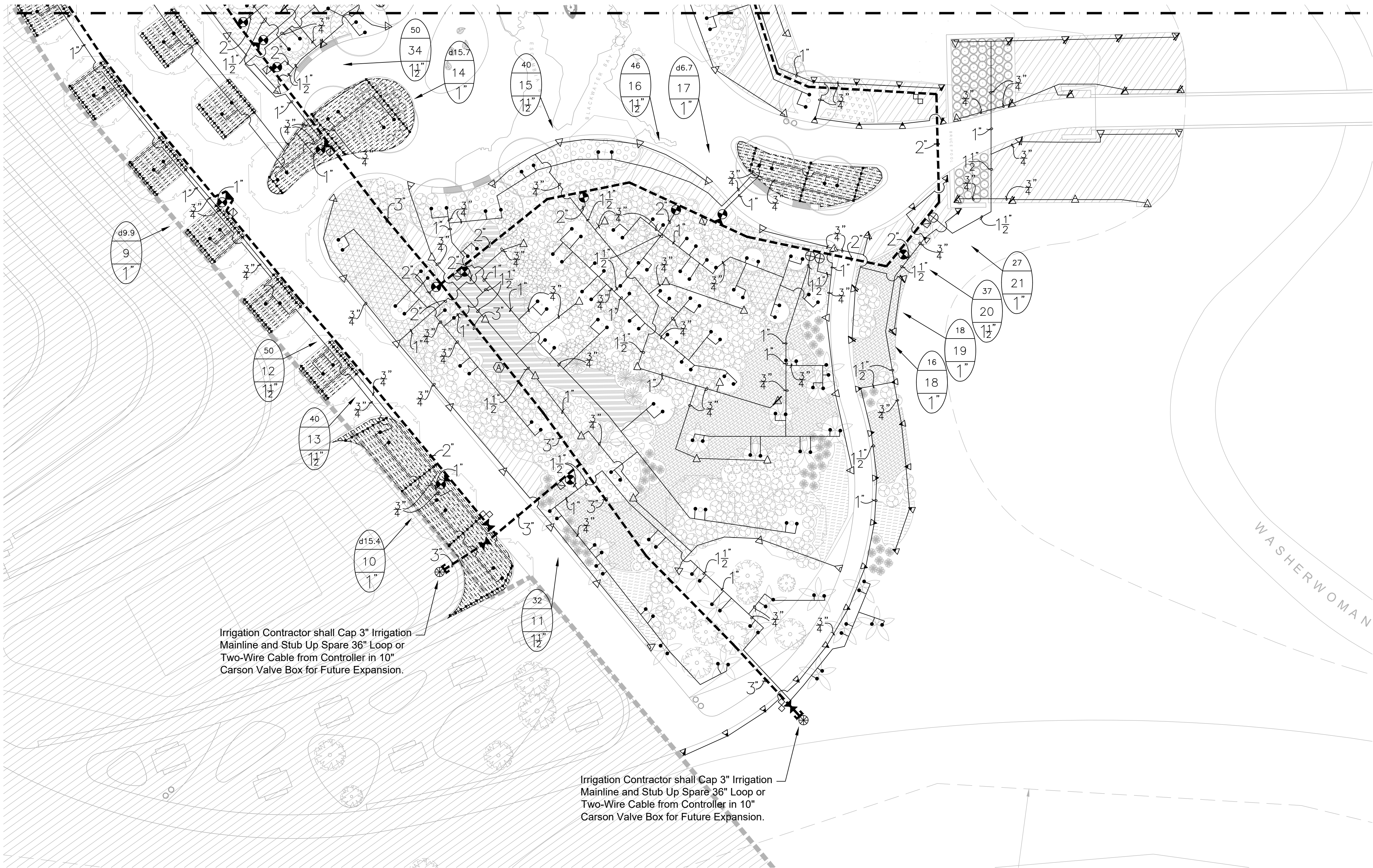
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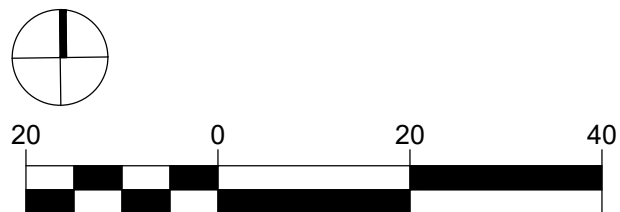
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**IRRIGATION PLAN
- AREA 1**

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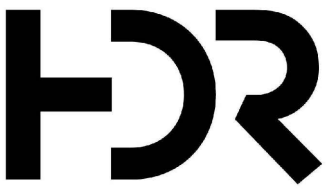
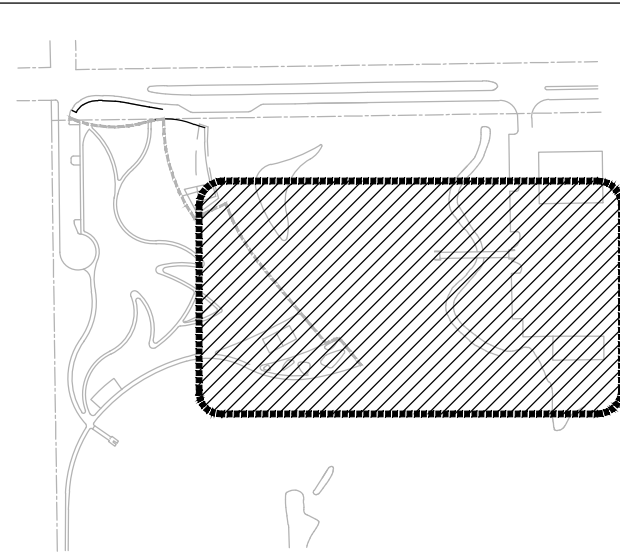
Sheet Number
I-101



- NOTES:
1. ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
 2. CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
 3. ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE
 4. ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
 5. ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
 6. ALL WIRE SPLICES TO BE MADE WITH 3M DBR/Y-6 CONNECTORS MOUNTED IN A MINIMUM OF 10" CARSON VALVE BOX
 7. ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE.
 8. LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS (STAR CONFIGURATION). REFER TO DETAIL-T.
 9. INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).



KEY PLAN



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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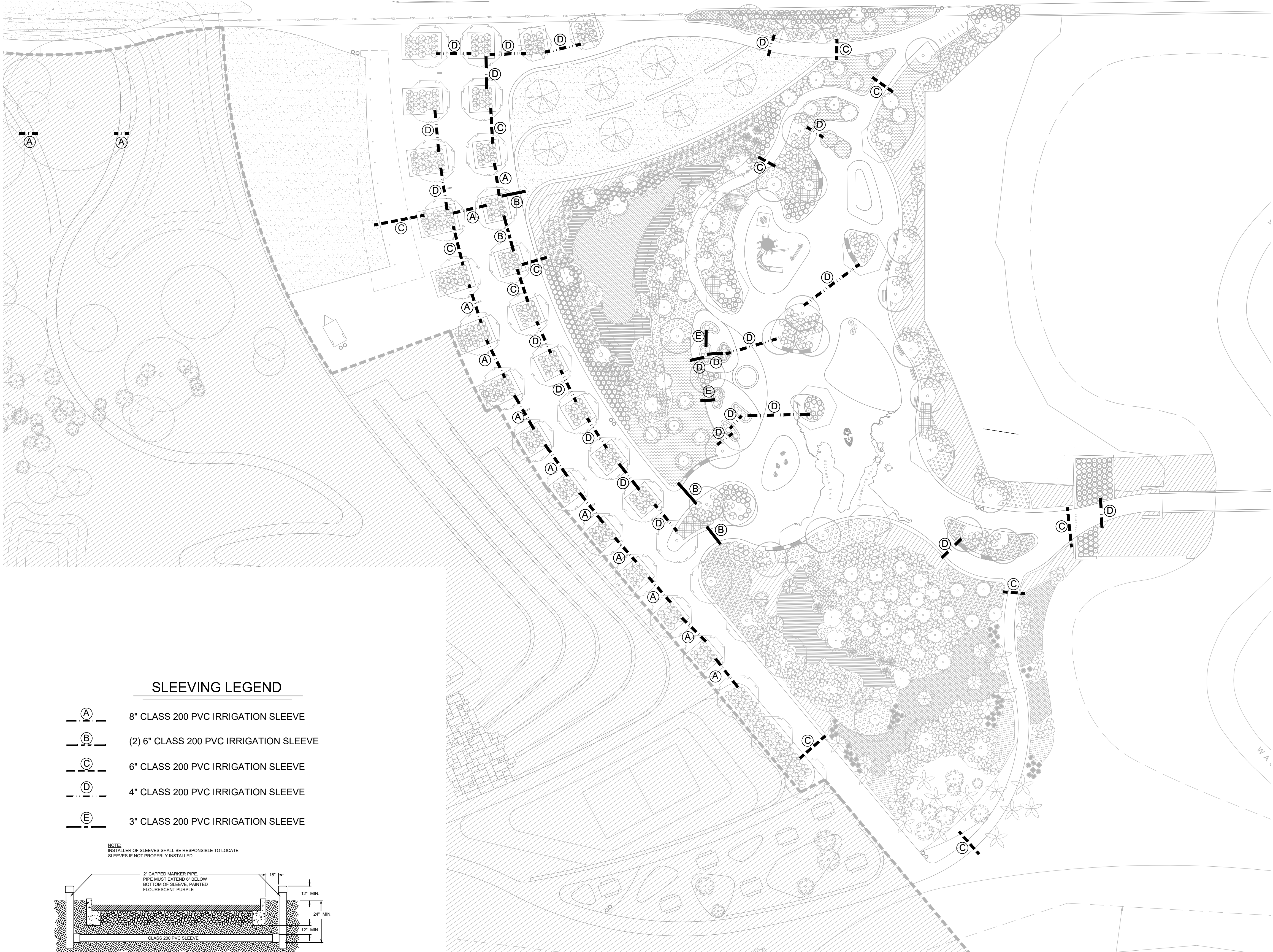
HDR Project Number: 10279441

Sheet Name
IRRIGATION PLAN
- AREA 2

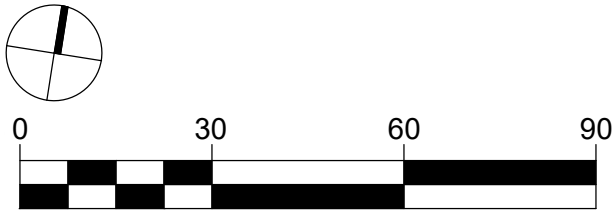
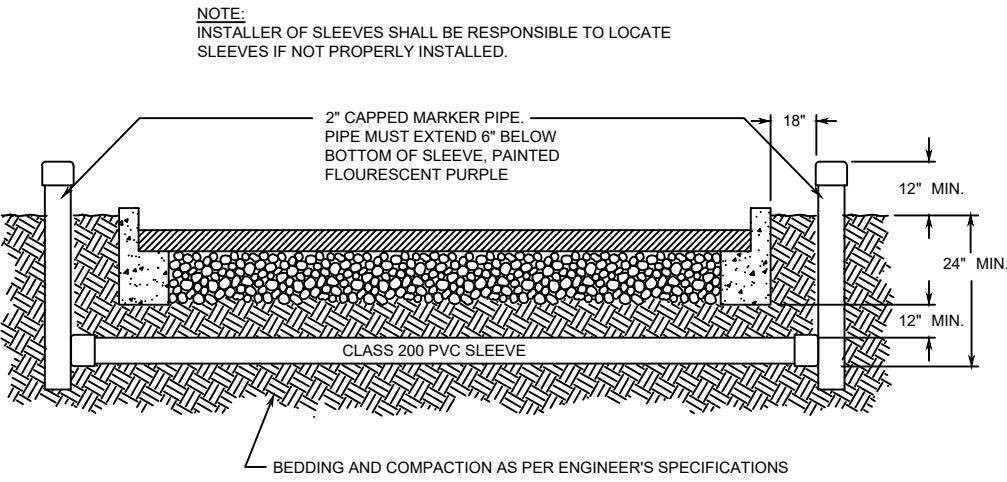
Scale
1" = 20'-0"

Sheet Number

I-102



- SLEEVING LEGEND**
- (A) 8" CLASS 200 PVC IRRIGATION SLEEVE
 - (B) (2) 6" CLASS 200 PVC IRRIGATION SLEEVE
 - (C) 6" CLASS 200 PVC IRRIGATION SLEEVE
 - (D) 4" CLASS 200 PVC IRRIGATION SLEEVE
 - (E) 3" CLASS 200 PVC IRRIGATION SLEEVE



KEY PLAN

BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

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HDR Project Number: 10279441

Sheet Name
**IRRIGATION
SLEEVING PLAN**

Scale
1" = 30'-0"

Sheet Number

I-103

IRRIGATION LEGEND

1" IRRIGATION WATER METER, SYSTEM REQUIRES 100 GPM @ 75 PSI. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE SYSTEM REQUIREMENTS AT SITE BEFORE STARTING CONSTRUCTION.

WATTS #909-M1-QT-2", 2" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER. DETAIL-W.

BLOWOUT ASSEMBLY. DETAIL-B.

MANUAL DRAIN VALVE. SCH 80 PVC TRUE UNION BALL VALVE. DETAIL-E.

RAIN BIRD ESP-LXD-PED-SS CONTROLLER WITH (1) 75 STATION EXPANSION MODULE. 125 TOTAL STATIONS, 2-WIRE/DECODER BASED MODULAR CONTROLLER, FOUR PROGRAMS, STAINLESS STEEL, PEDESTAL MOUNTED. DETAIL-J,K,U. IRRIGATION CONTRACTOR SHALL ALSO INSTALL A WIRELESS RAIN/FREEZE SENSOR FOR EACH CONTROLLER.

RAIN BIRD 150-PEB-PRS PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1-1/2" SIZE, MOUNTED WITH SCH 80 PVC TRUE UNION BALL VALVE WITH PRESSURE REGULATION DEVICES, MOUNTED WITH RAIN BIRD SINGLE STATION DECODER (FD-101TURF). DETAIL-A.

RAIN BIRD 100-PEB-PRS PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1" SIZE, MOUNTED WITH SCH 80 PVC TRUE UNION BALL VALVE WITH PRESSURE REGULATION DEVICES, MOUNTED WITH RAIN BIRD SINGLE STATION DECODER (FD-101TURF). DETAIL-A.

RAIN BIRD 1806-SAM, 6" POP-UP LAWN SPRAY SPRINKLER, 12' RADIUS, FULL-2.0 GPM, HALF-1.0 GPM, QUARTER-0.5 GPM, 30 PSI. DETAIL-C.

RAIN BIRD 1806-SAM, 6" POP-UP LAWN SPRAY SPRINKLER, 15' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, 30 PSI. DETAIL-C.

RAIN BIRD 1806-SAM, 6" LAWN POP-UP SIDE STRIP SPRAY SPRINKLER, 9' X 18' RADIUS, 1.5 GPM, 30 PSI. DETAIL-C.

RAIN BIRD 1806-SAM, 6" LAWN SIDE STRIP SPRAY SPRINKLER, 4' X 30' RADIUS, 1.5 GPM, 30 PSI. DETAIL-C.

RAIN BIRD 1806-SAM, 6" LAWN END STRIP SPRAY SPRINKLER, 4' X 15' RADIUS, 1.0 GPM, 30 PSI. DETAIL-C.

RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SPRAY SPRINKLER, 15' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, THREE QUARTER-3.0 GPM, 30 PSI. DETAIL-Y.

RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SPRAY SPRINKLER, 12' RADIUS, FULL-2.0 GPM, 30 PSI. DETAIL-Y.

RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SIDE STRIP SPRAY SPRINKLER, 9' X 18' RADIUS, 1.5 GPM, 30 PSI. DETAIL-Y.

RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SIDE STRIP SPRAY SPRINKLER, 4' X 30' RADIUS, 1.5 GPM, 30 PSI. DETAIL-Y.

RAIN BIRD 1812-SAM, 12" HI-POP SHRUB END STRIP SPRAY SPRINKLER, 4' X 15' RADIUS, 1.0 GPM, 30 PSI. DETAIL-Y.

RAIN BIRD TREE ROOT WATERING ASSEMBLY. RWS-BG-01, 0.5 GPM. DETAIL-M.

HUNTER I-20-06-SS LAWN ROTOR, 40' RADIUS, FULL-8.0 GPM, HALF-4.0 GPM, QUARTER-2.0 GPM, 45 PSI, DETAIL-X.

HUNTER I-20-06-SS LAWN ROTOR, 30' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, 45 PSI, DETAIL-X.

HUNTER INDUSTRIES MP ROTATOR SERIES 3000, MOUNTED ON RAIN BIRD 1812-SAM SPRINKLER IN BED AREAS, 30' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, 40 PSI, DETAIL-Y.

HUNTER INDUSTRIES MP ROTATOR SERIES 2000, MOUNTED ON RAIN BIRD 1812-SAM SPRINKLER IN BED AREA, 20' RADIUS, FULL-2.0 GPM, HALF-1.0 GPM, QUARTER-0.5 GPM, 40 PSI, DETAIL-Y.

RAIN BIRD DRIP ZONE ASSEMBLY KIT, MODEL #XCZ-100-PRB-COM OR XCZ-150-PRB-COM. 1" OR 1-1/2" SIZE, SIZE NOTED ON PLANS. TO BE INSTALLED WITH RAIN BIRD SINGLE STATION DECODER (FD-101). DETAIL-O.

NOTE: FOR ANY DRIP ZONE WITH FLOW UNDER 3 GPM, MUST UTILIZE RAIN BIRD XCZ-LF-100-PRF, LOW FLOW DRIP VALVE ASSEMBLY.

POINT OF CONNECTION - DRIP LINE TUBING TO PVC PIPE, DETAIL-P,Q.

DRIP TUBING: RAIN BIRD XFS DRIPLINE DRIP TUBING. .6 GPH, 12" CENTERS, STAKED EVERY TURN OR EVERY 4', INSTALL NETAFIM AIR RELIEF VALVE KIT IN 10" CIRCULAR VALVE BOX AT HIGH POINT OF EACH ZONE AND INSTALL NETAFIM DRIP DRAIN VALVE(S) IN 10" CIRCULAR VALVE BOX AT LOW POINT(S) OF EACH ZONE. DETAIL-P,Q,R,S,V.

NOTE: CONTRACTOR SHALL INSTALL RAIN BIRD DRIP OPERATION INDICATOR KIT AT ENDS OF EACH DRIP ZONE AREA (DETAIL-V).

RAIN BIRD #5 QUICK COUPLING VALVE 1" SIZE. CONTRACTOR TO SUPPLY TWO QCV KEYS AND MATCHING HOSE SWIVELS. DETAIL-F.

MAINLINE ISOLATION GATE VALVE, DOMESTIC DUCTILE IRON GASKETED, DETAIL-L.

AIR VENT VALVE, BERMAID #4420, 2" SIZE. INSTALLED AT HIGH POINTS OF THE IRRIGATION SYSTEM. DETAIL-D.

MAINLINE PIPE: 3" SIZE IF NOT NOTED. CLASS 200 PVC. ALL PIPE 2-1/2" AND LARGER SHALL BE UNIBELL GASKETED PVC PIPE AND HARCO PVC GASKETED FITTINGS. THRUST BLOCKS AND RESTRAINTS TO BE UTILIZED AS PER MANUFACTURER'S RECOMMENDATIONS FOR PIPE TYPE, PIPE SIZE, AND LOCAL ENVIRONMENTAL CONDITIONS.

IRRIGATION SLEEVE: CLASS 200 PVC, SIZE NOTED ON PLAN. DETAIL-H.

LATERAL LINE PIPE: CLASS 200 PVC SOLVENT WELD PIPE UTILIZING SCH 40 PVC SOLVENT WELD FITTINGS, SIZE NOTED.

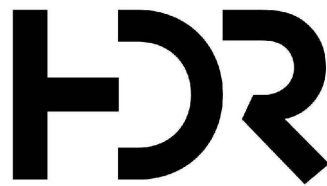
ELECTRICAL CONDUIT SLEEVE. REFER TO NOTES ON PLANS.

TYPICAL VALVE INDICATOR

GALLONS PER MIN.

STATION NUMBER

VALVE SIZE



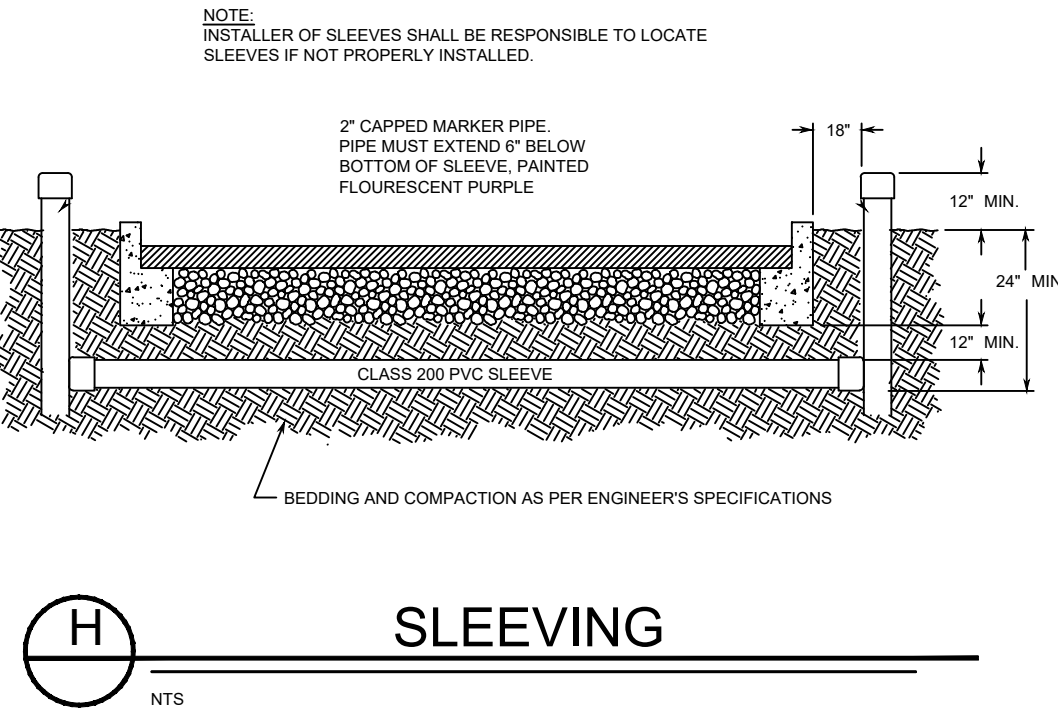
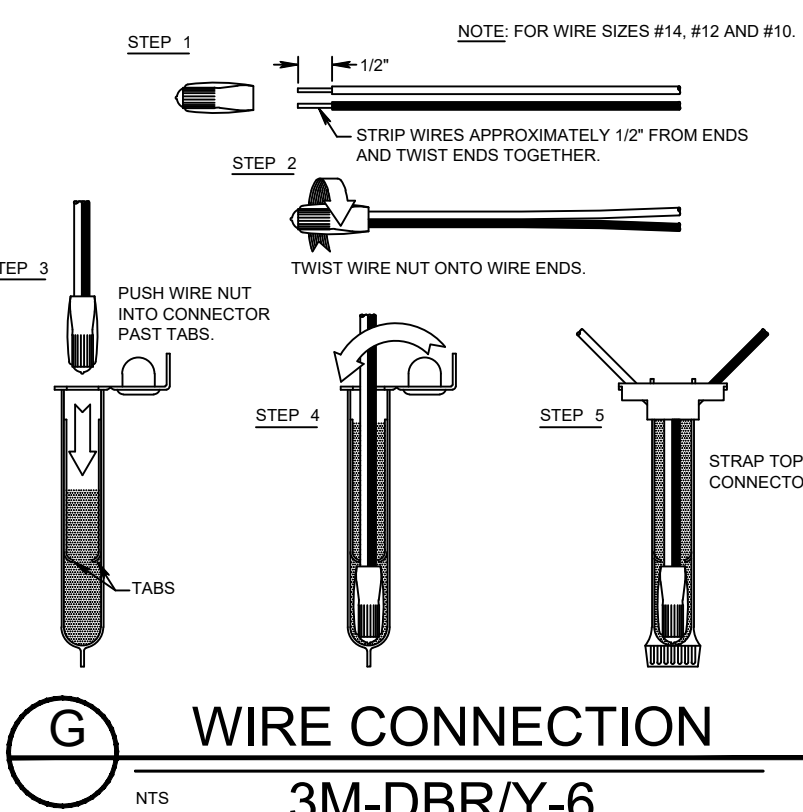
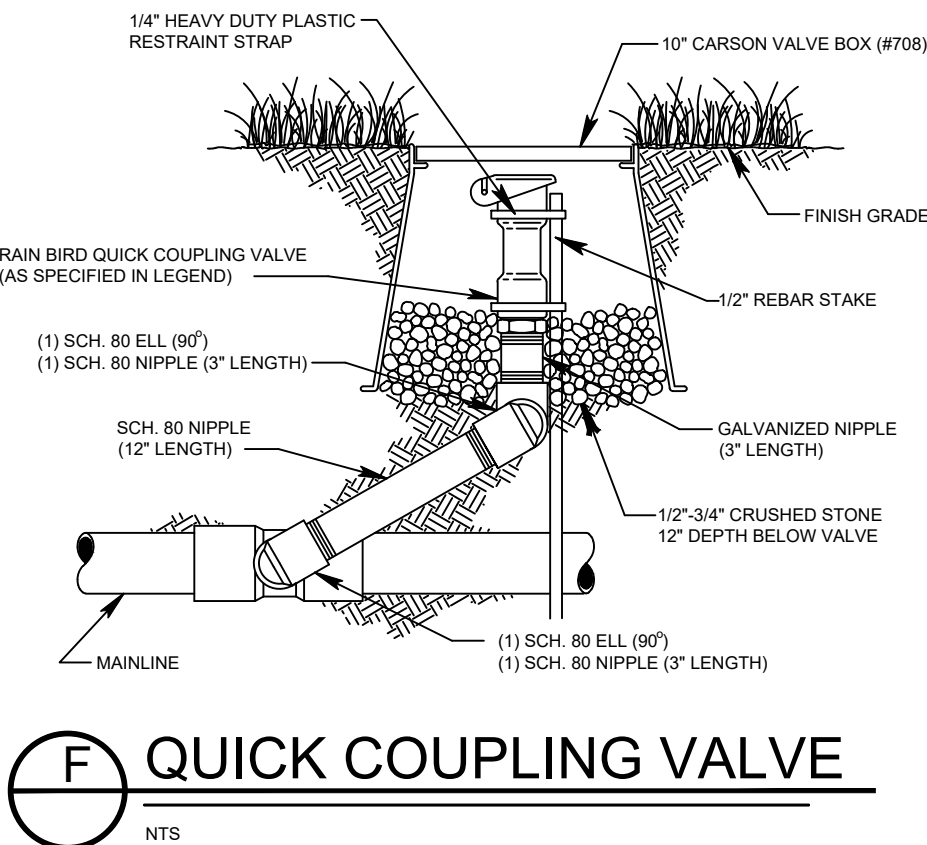
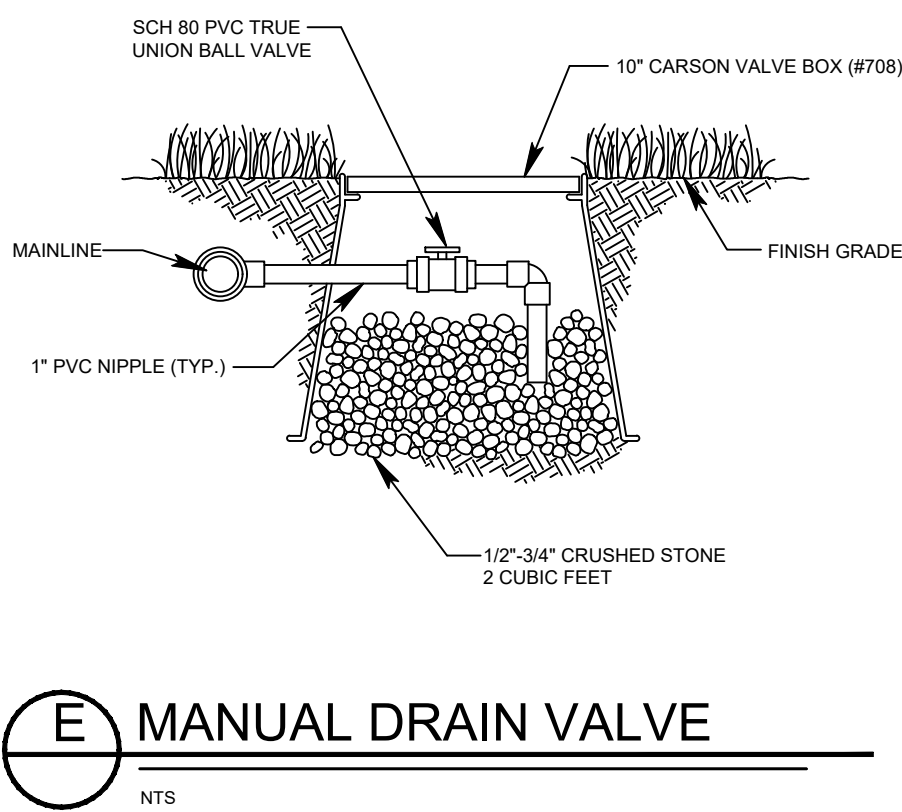
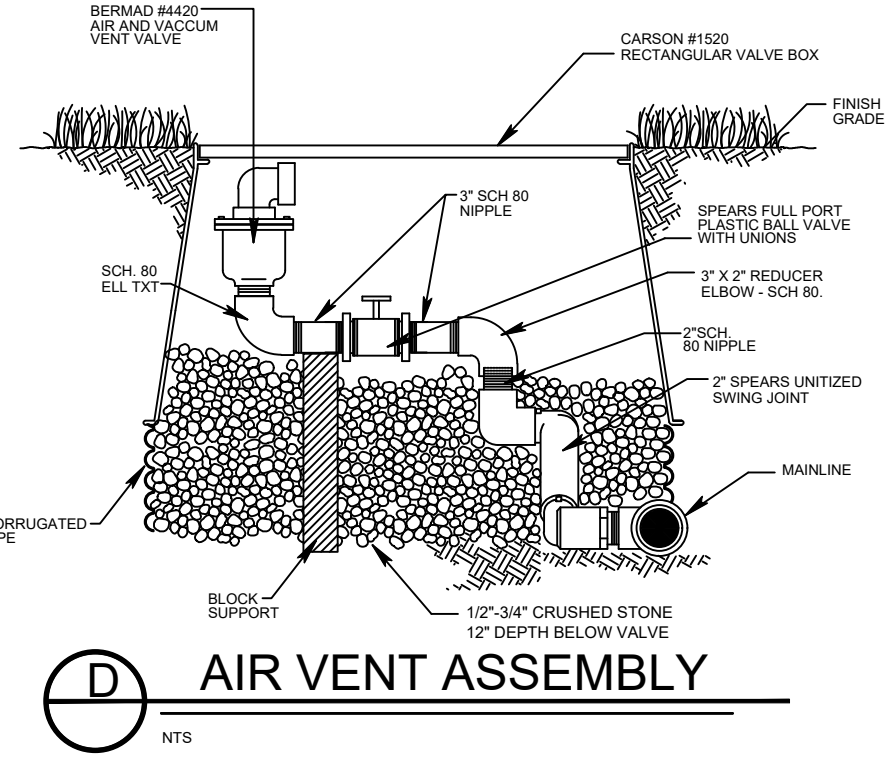
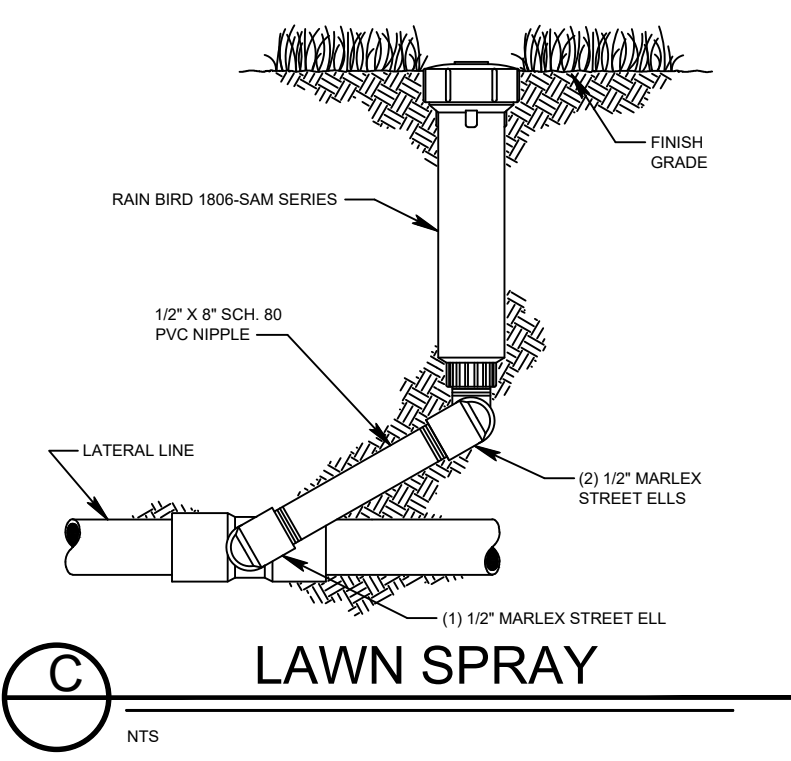
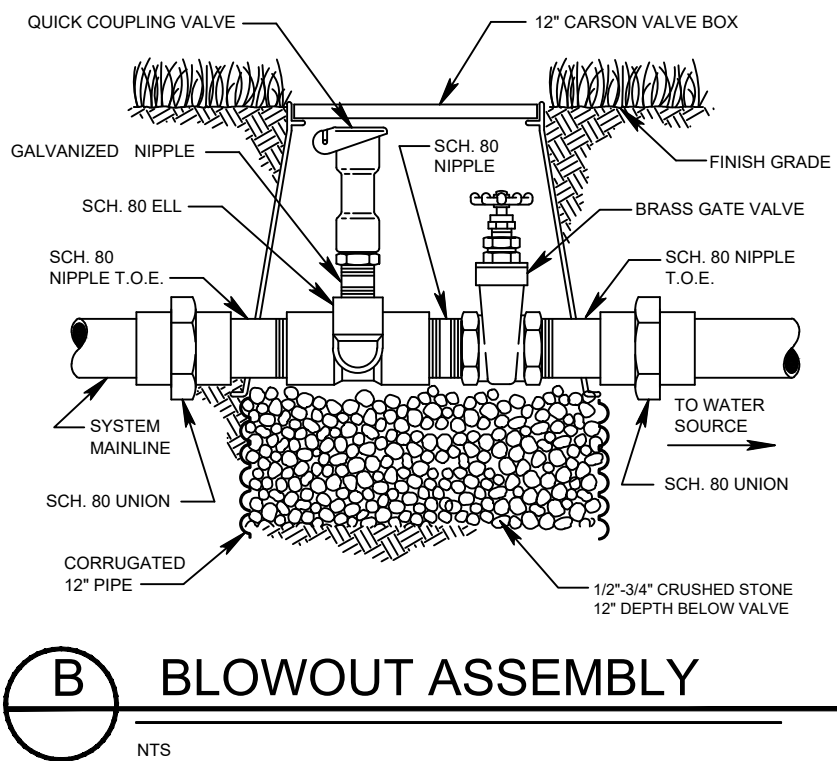
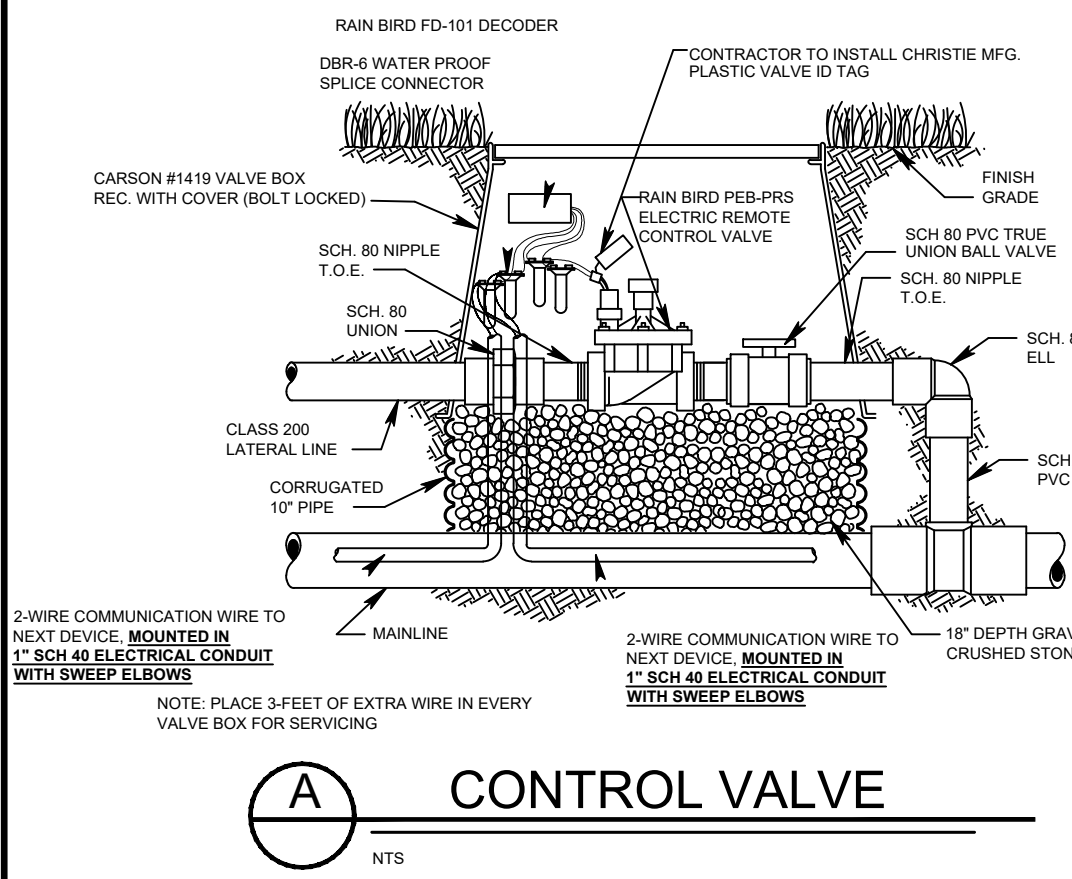
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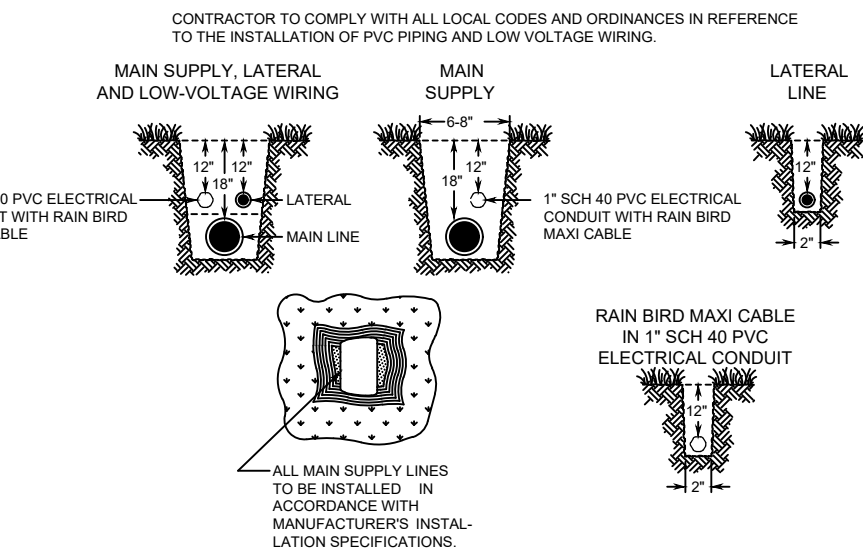
PHASE ONE

NOTE:
ALL VALVE BOXES SHALL BE BLACK IN COLOR AND INSTALLED IN LANDSCAPE BEDS (ANYTHING SHOWN IN TURF AREAS IS DIAGRAMMATIC FOR READABILITY PURPOSES ONLY)



GENERAL NOTES

- ALL MAINLINES TO HAVE A MINIMUM OF 18" OF COVER. (CLASS 200 PVC PIPE, CLASS 200 PVC FOR 4" AND LARGER).
- ALL LATERAL AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" OF COVER. (CLASS 200 PVC PIPE).
- NO ROCKS, BOULDER, OR OTHER EXTRANEOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCH.
- ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.
- ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
- ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
- SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS.
- ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS AS SHOWN ON DETAILS.
- ALL EQUIPMENT NOT SPECIFIED IN THE LEGEND SHALL BE DETERMINED AND FURNISHED BY THE CONTRACTOR.
- NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS.
- ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PRECEEDING WITH THE WORK.
- ALL TWO-WIRE CONTROL WIRES SHALL BE #14-2 MAXI CABLE, INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
- CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED, I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING FEATURES.
- CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.E. VERIFY ROOT BALL SIZE FOR PLANTING.
- CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 12 TIMES).
- CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
- ALL SPRINKLERS TO BE INSTALLED AS DETAILED ON PLANS.
- CONTRACTOR SHALL UTILIZE VALVE I.D. TAGS ON ALL REMOTE CONTROL VALVES.
- 24 VOLT WIRE SHALL BE COLOR CODED PER SEPARATE WIRE RUNS.
- CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDED GROUNDING EQUIPMENT FOR POWER SUPPLY AND VALVE OUTPUT WITH PAIGE WIRE GROUND PLATE ASSEMBLY.
- CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDATION ON FAULT GROUND AND LIGHTNING PROTECTION.
- CONTROLLER GROUNDING MUST BE AS PER RAIN BIRD WIRE GROUNDING REQUIREMENTS
- ALL MATERIAL TO BE SUPPLIED BY CONTRACTOR TO OWNER:
 - TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER HEADS AND VALVE SUPPLIED.
 - TWO KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS.
 - TWO QUICK COUPLER KEYS WITH MATCHING HOSE SWIVELS.
- SYSTEM IS DIAGRAMMATIC TO IMPROVE CLARITY. ALL MAINLINE PIPING ELECTRIC VALVES AND WIRING ARE TO BE INSTALLED IN LANDSCAPE AREAS AND WITHIN PROPERTY BOUNDARIES. CONTRACTOR SHALL REFERENCE THE LANDSCAPE PLAN PRIOR TO THE INSTALLATION OF PIPING TO AVOID CONTACT WITH PLANT MATERIALS EXISTING OR NEW.
- CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.
- CONTRACTOR SHALL INSTALL SPRINKLER EQUIPMENT 12" FROM FOUNDATIONS. ALSO INSTALL SPRINKLERS 4" FROM CURB OR WALKS.
- PRIOR TO BID IRRIGATION CONTRACTOR SHALL VERIFY RIGHT-OF-WAY AND BACKFLOW REQUIREMENTS. NO LATER THAN FIVE DAYS BEFORE BID SUBMITTALS CONTRACTOR SHALL NOTIFY CONSULTANT OF ANY CHANGES FROM PLANS AND SPECIFICATIONS.
- IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER AND LANDSCAPE ARCHITECT WITH A REPRODUCIBLE CROSS MEASURED AS-BUILT DRAWING OF THE INSTALLED IRRIGATION SYSTEM IN AUTOCAD 2010 FORMAT BEFORE FINAL ACCEPTANCE.
- A 1-YEAR WARRANTY PERIOD SHALL BE PROVIDED FOR SYSTEM AFTER SUBSTANTIAL COMPLETION IS ACCEPTED. START UP AND ADJUSTING OF SYSTEM IN TESTING TIME SHALL BE INCLUDED IN WARRANTY.
- PRIOR TO BID, CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, INSTALLATION PARAMETERS AND OPERATIONS CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. NO LATER THAN FIVE DAYS BEFORE BID SUBMITTALS CONTRACTOR SHALL NOTIFY IRRIGATION CONSULTANT/DESIGNER OF ANY CHANGES REQUIRED DUE TO CURRENT CODE OR ORDINANCE DISCREPANCIES. IF CONTRACTOR DOES NOT COMPLY TO THIS NOTIFICATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY INSTALLATION CHANGE AND REDESIGN COSTS FOR NON-COMPLIANCE.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR MUST COMPLETE 2 PRESSURE TESTS OF THE IRRIGATION SYSTEM MAINLINE (BOTH TO SHOW NO DROP IN PRESSURE DURING DURATION OF TEST.
 - 2-HOUR PRESSURE TEST AT 1.5 TIMES THE SYSTEM STATIC PRESSURE
 - 24-HOUR PRESSURE TEST AT THE SYSTEM STATIC PRESSURE
- IRRIGATION INSTALLATION CONTRACTOR SHALL PROVIDE OWNER WITH A COLOR-CODED ZONES DIAGRAM PLAN, 8-1/2"X11" LAMINATED SHEET(S), TO IDENTIFY CONTROLLER STATION TO THE CONTROL VALVE NUMBER FOR EACH CONTROLLER. TO BE LOCATED IN ADHESIVE POUCH ATTACHED INSIDE OF CONTROLLER(S).



- NOTES:
- ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
 - CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
 - ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE
 - ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
 - ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
 - ALL WIRE SPLICES TO BE MADE WITH 3M DBR/Y-6 CONNECTORS MOUNTED IN A MINIMUM OF 10" CARSON VALVE BOX
 - ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE.
 - LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS (START CONFIGURATION). REFER TO DETAIL-T.
 - INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).

DATE	DESCRIPTION
9/10/2021	30% DESIGN DEVELOPMENT
11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
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Sheet Name
IRRIGATION
DETAILS

Scale

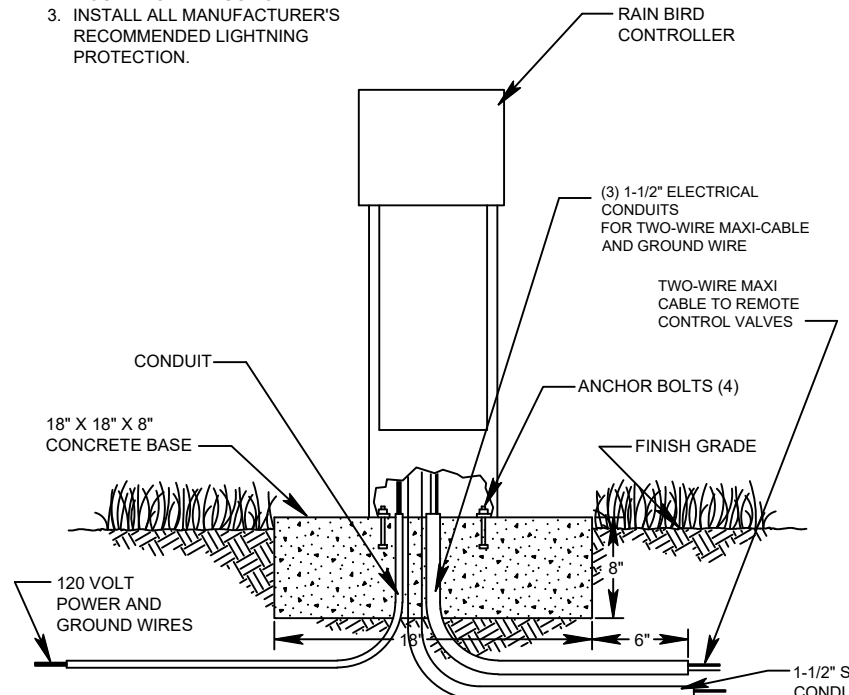
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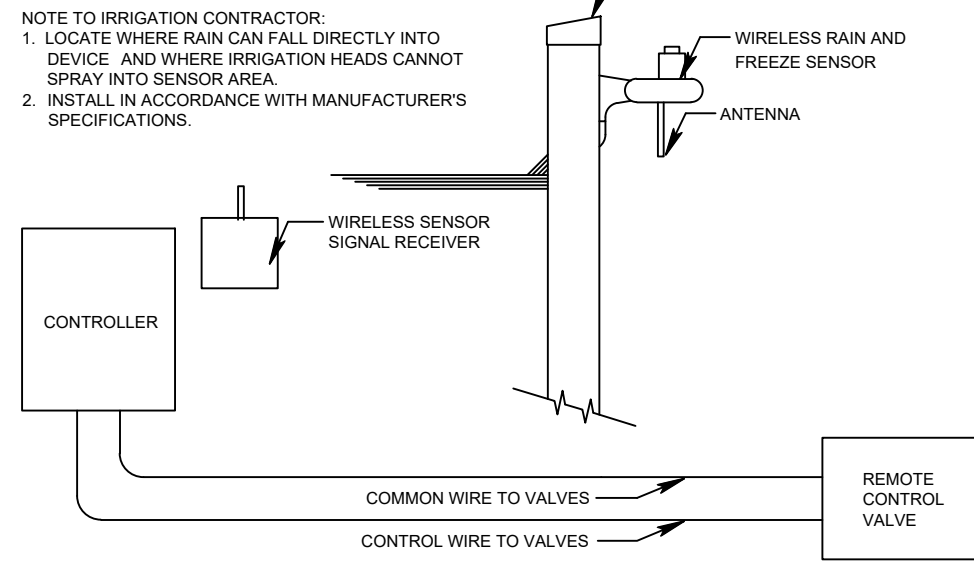
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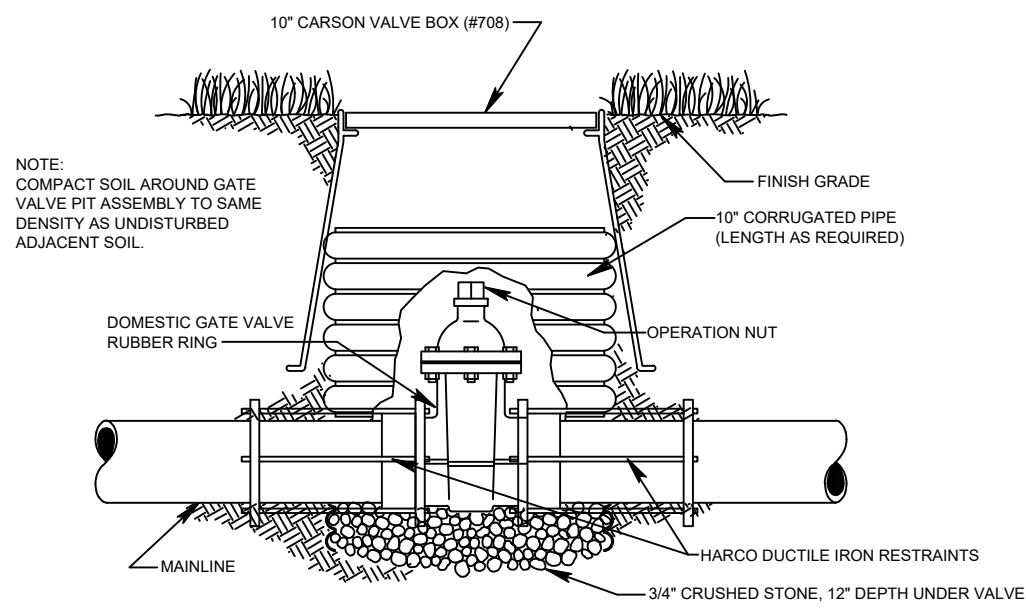
1. ALL WIRING TO BE INSTALLED AS PER LOCAL CODE.
2. SEE CONTROLLER MANUAL FOR MOUNTING INSTRUCTIONS.
3. INSTALL ALL MANUFACTURER'S RECOMMENDED LIGHTNING PROTECTION.



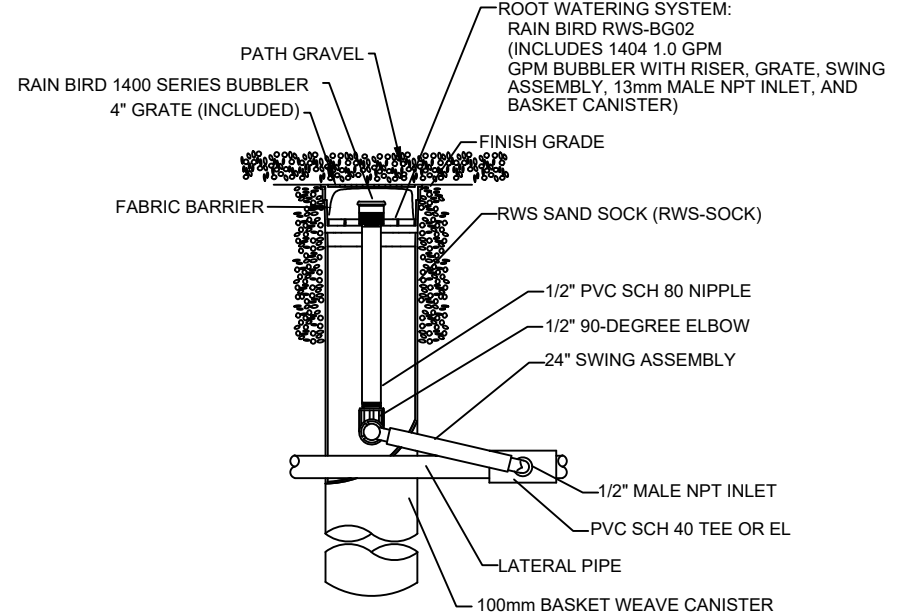
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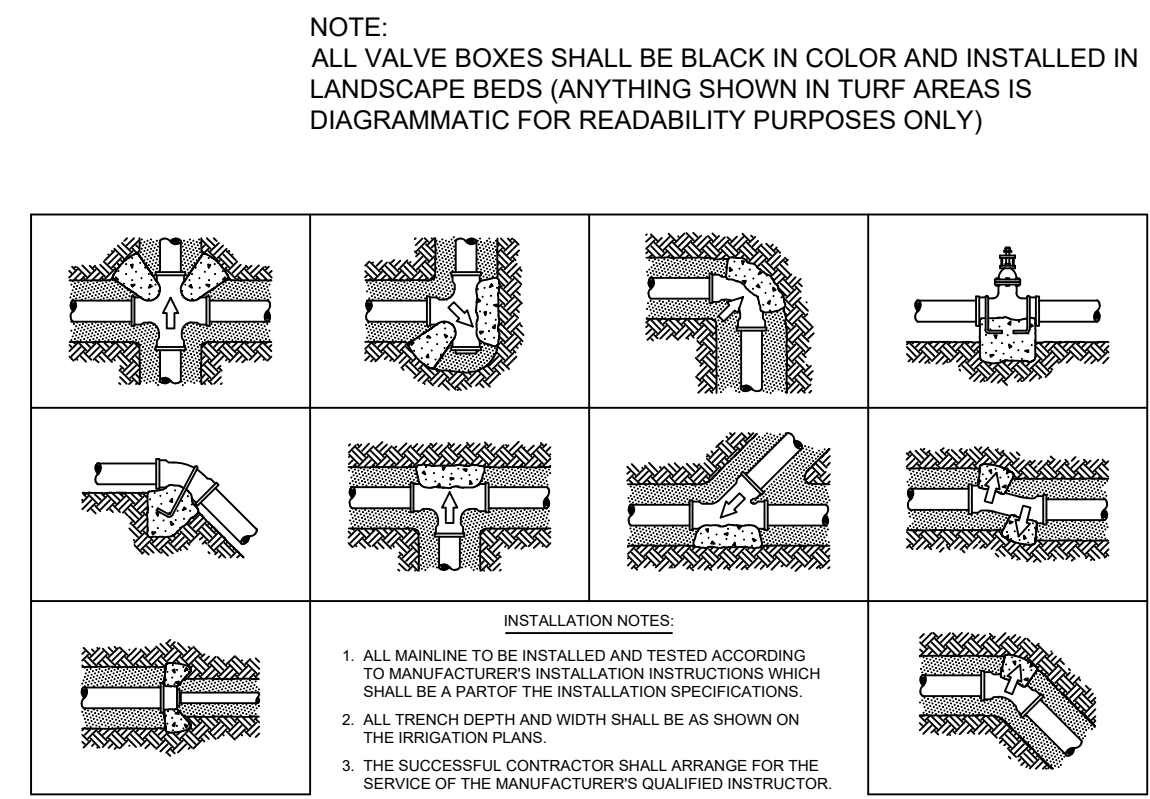
K RAIN/FREEZE SENSOR
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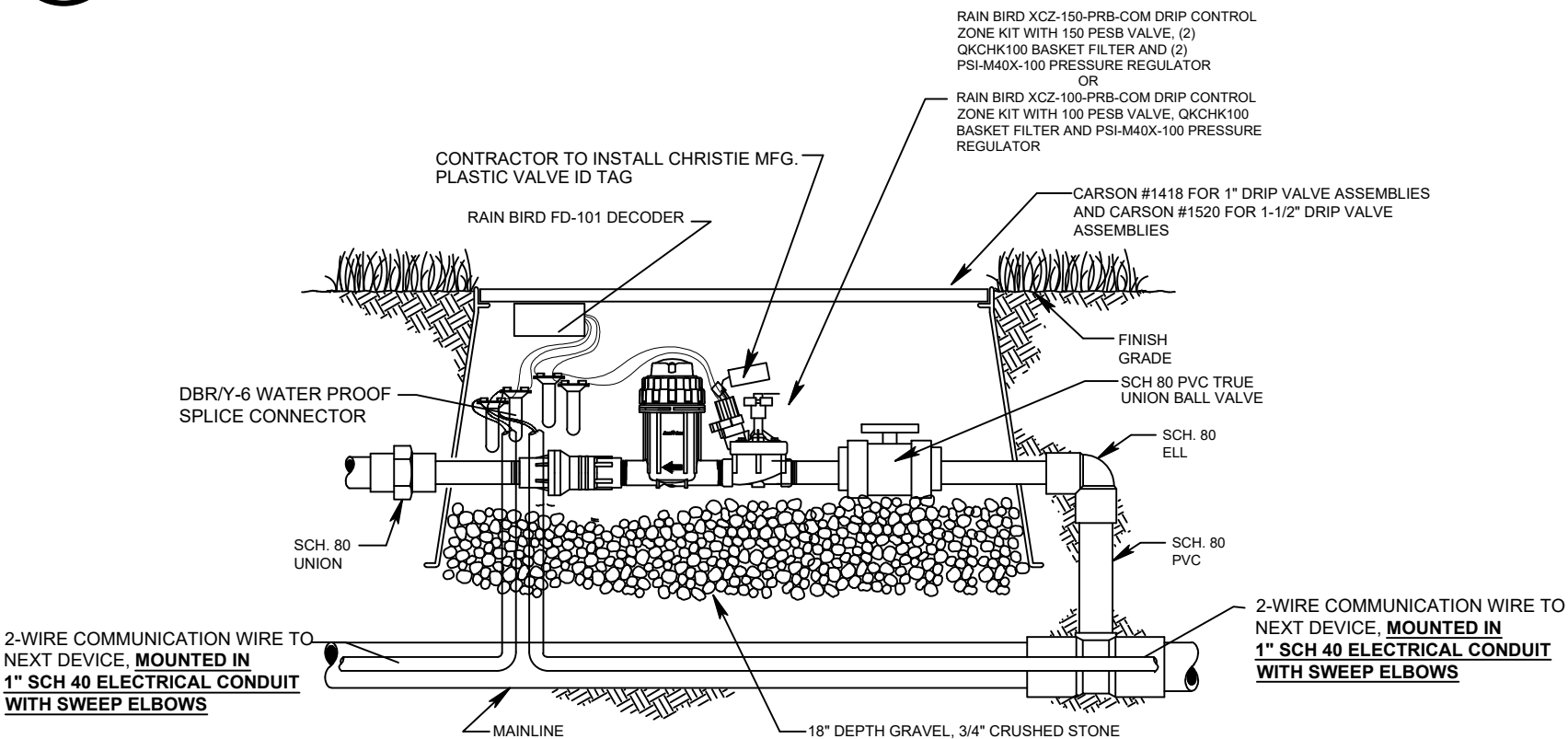
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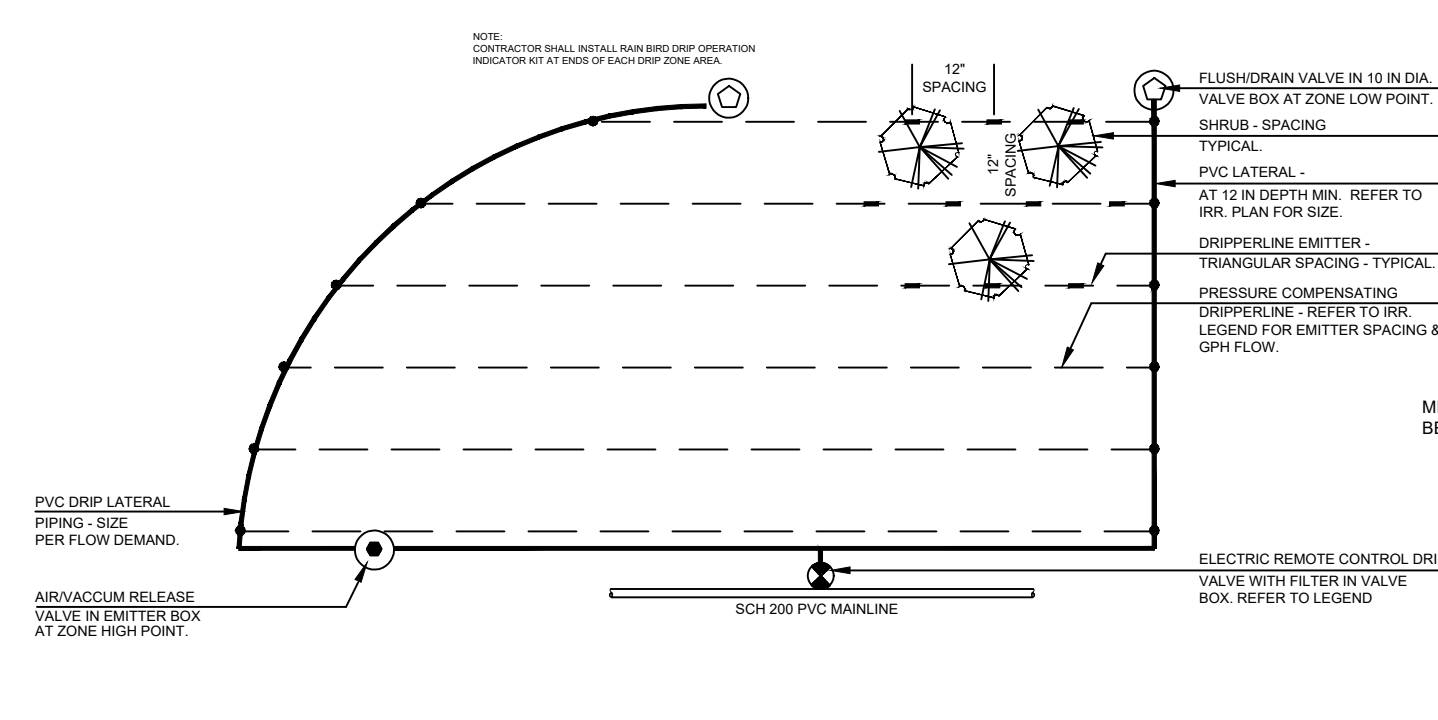
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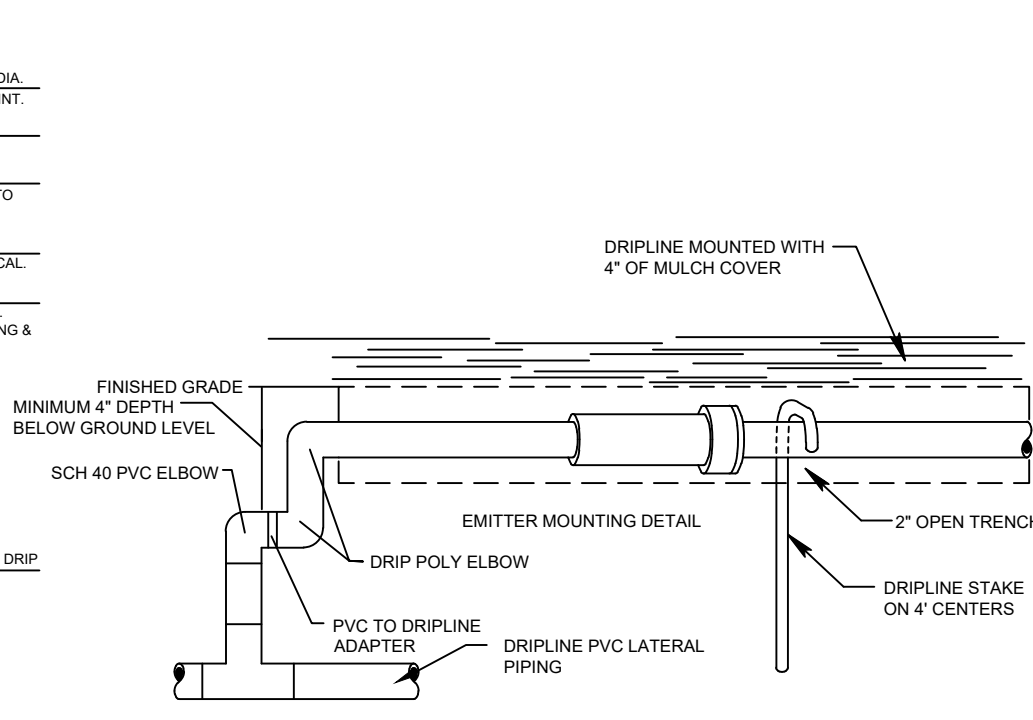
N THRUST BLOCK
NTS



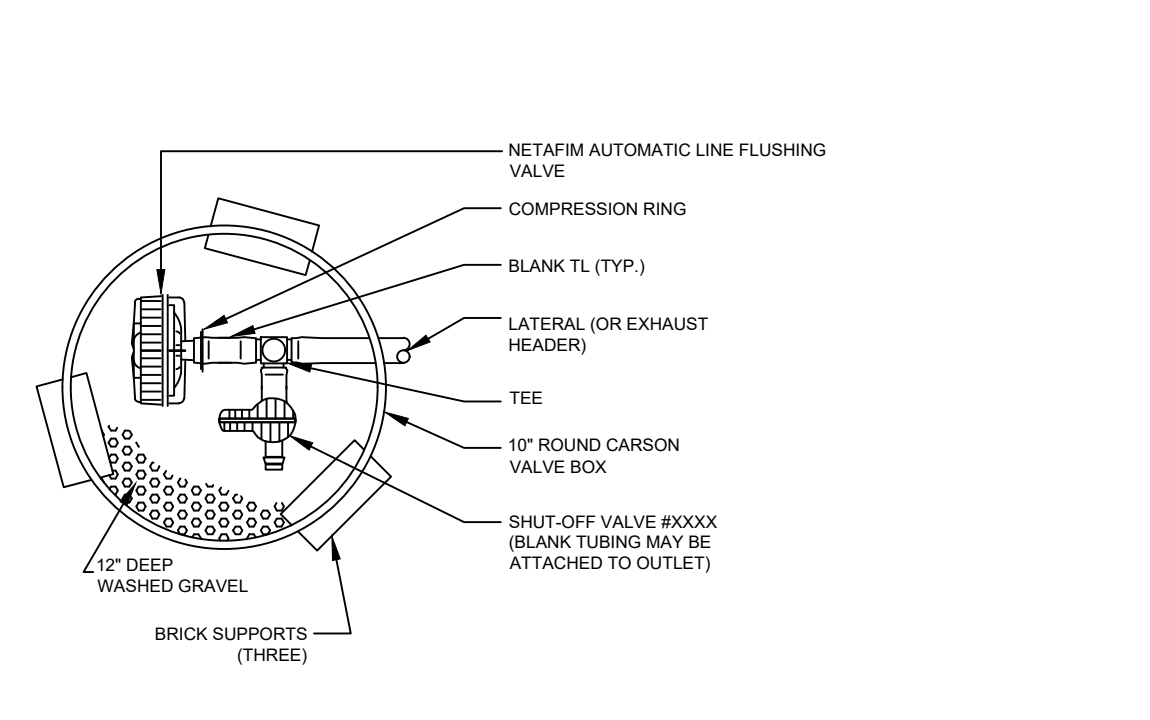
O DRIP ASSEMBLY
NOTE: PLACE 3-FEET OF EXTRA WIRE IN EVERY VALVE BOX FOR SERVICING



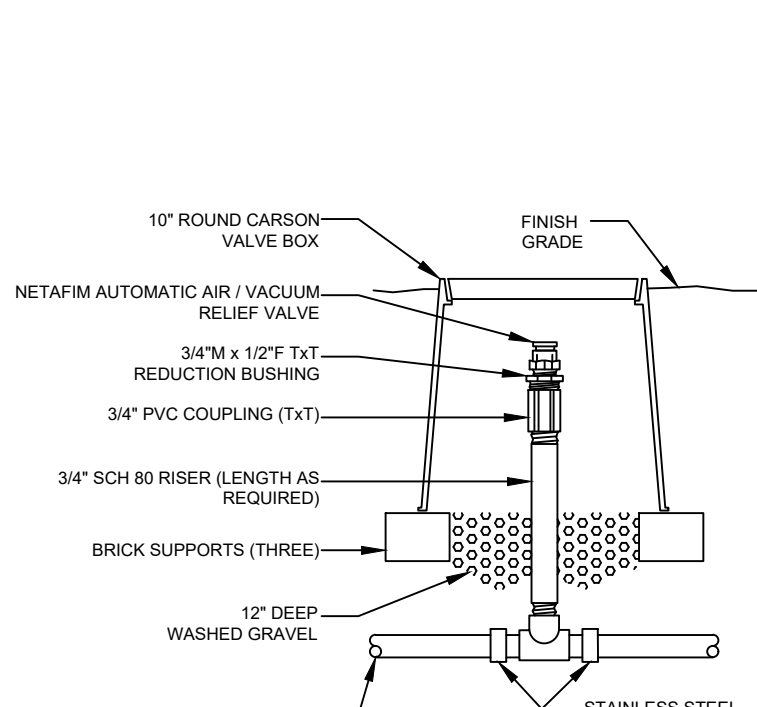
P IRRIGATION DRIPLINE
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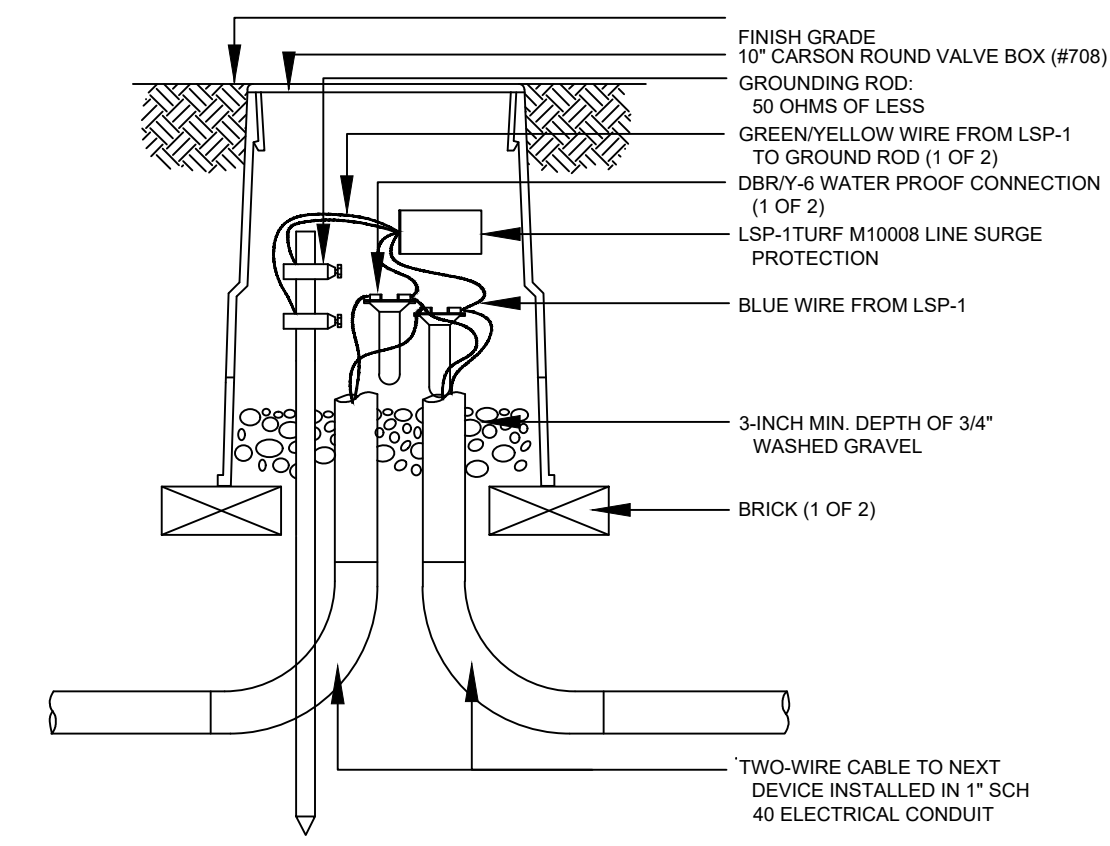
Q DRIP EMITTER
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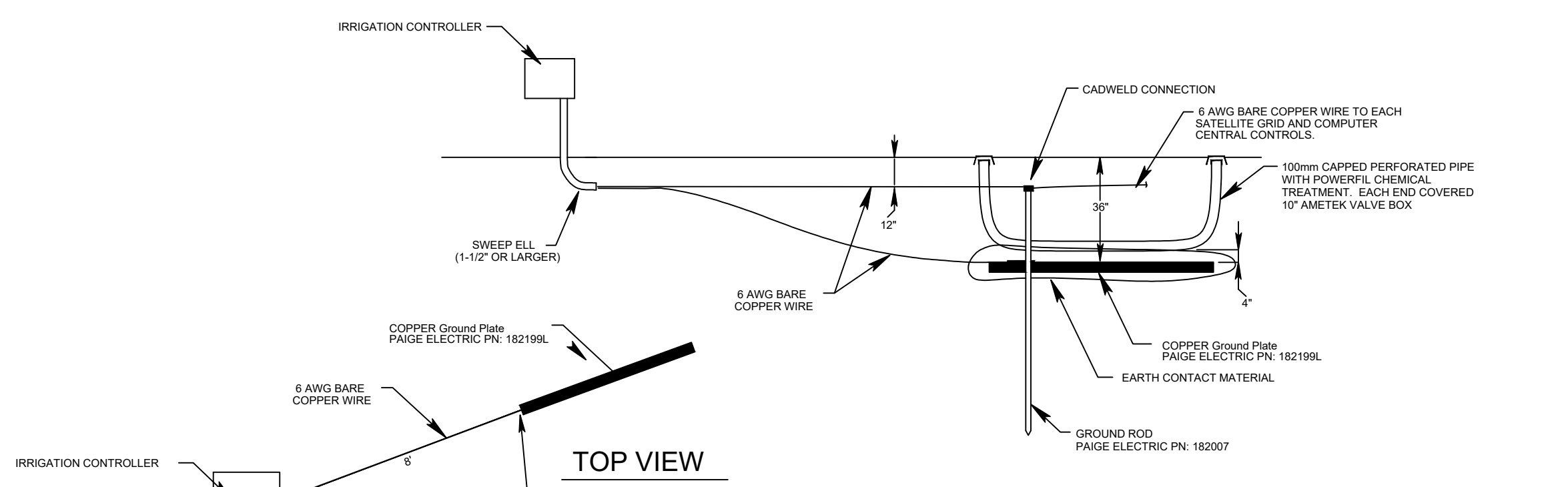
R LINE FLUSHING VALVE
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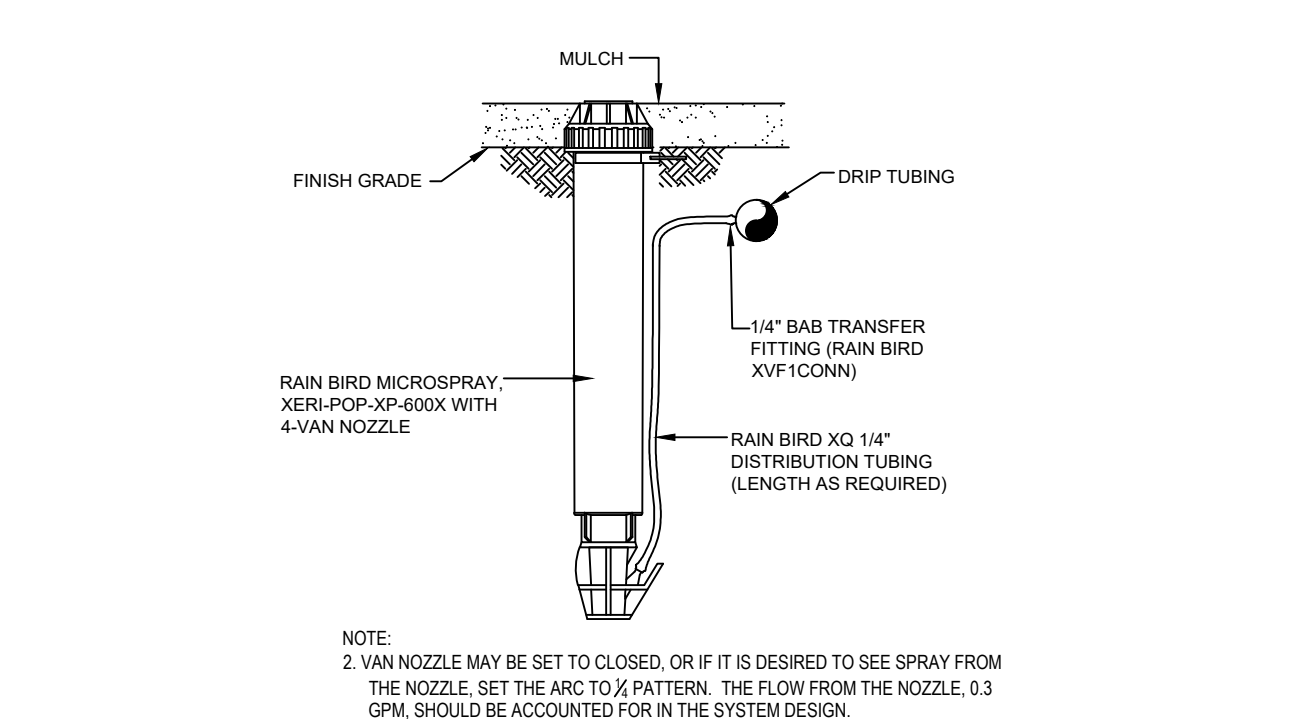
S AIR/VACUUM RELIEF
NTS



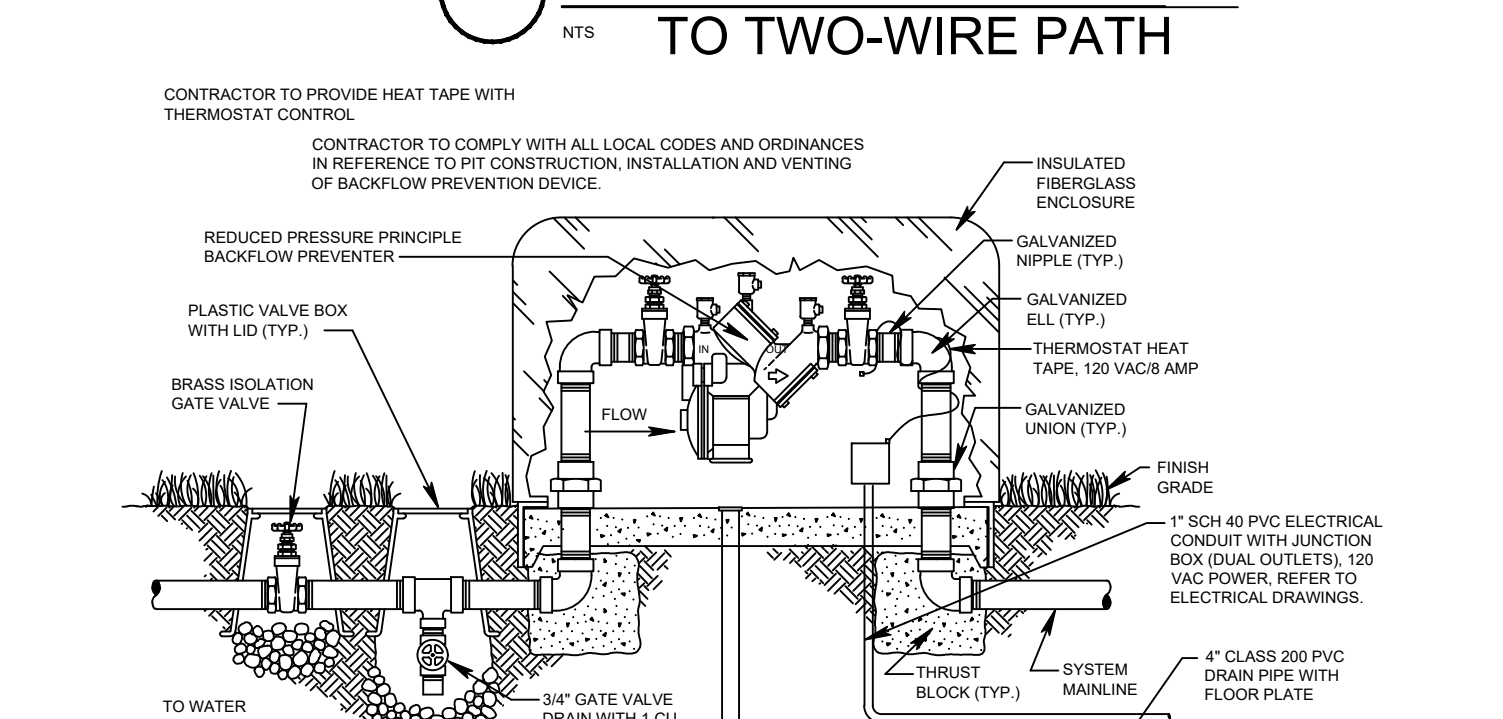
T SURGE PROTECTION TO TWO-WIRE PATH
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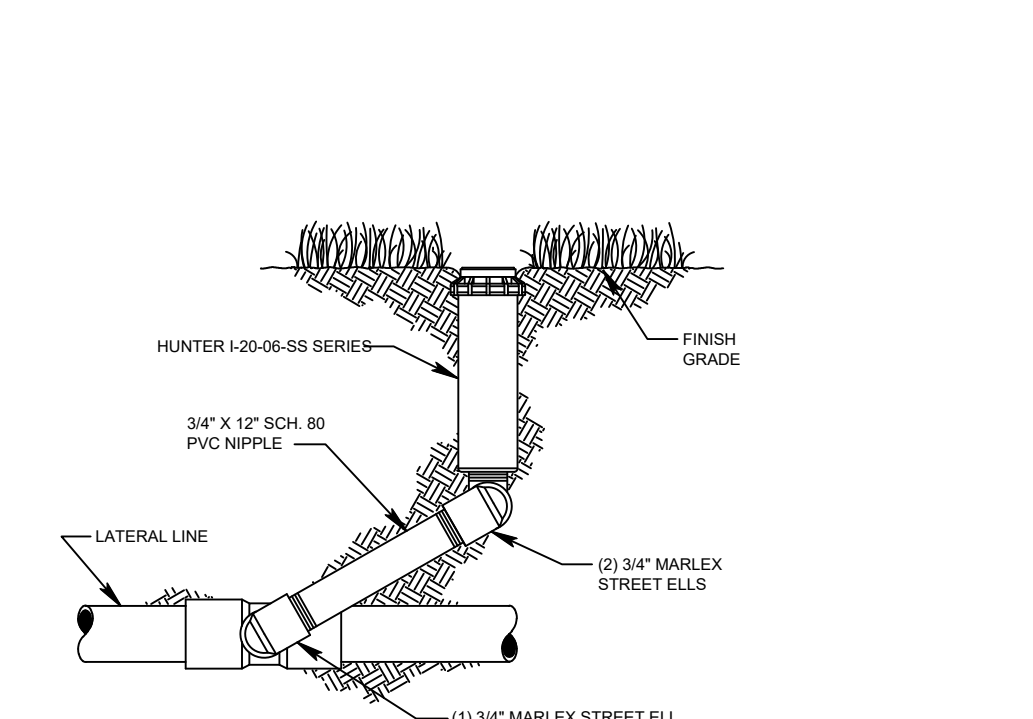
U CONTROLLER GROUNDING
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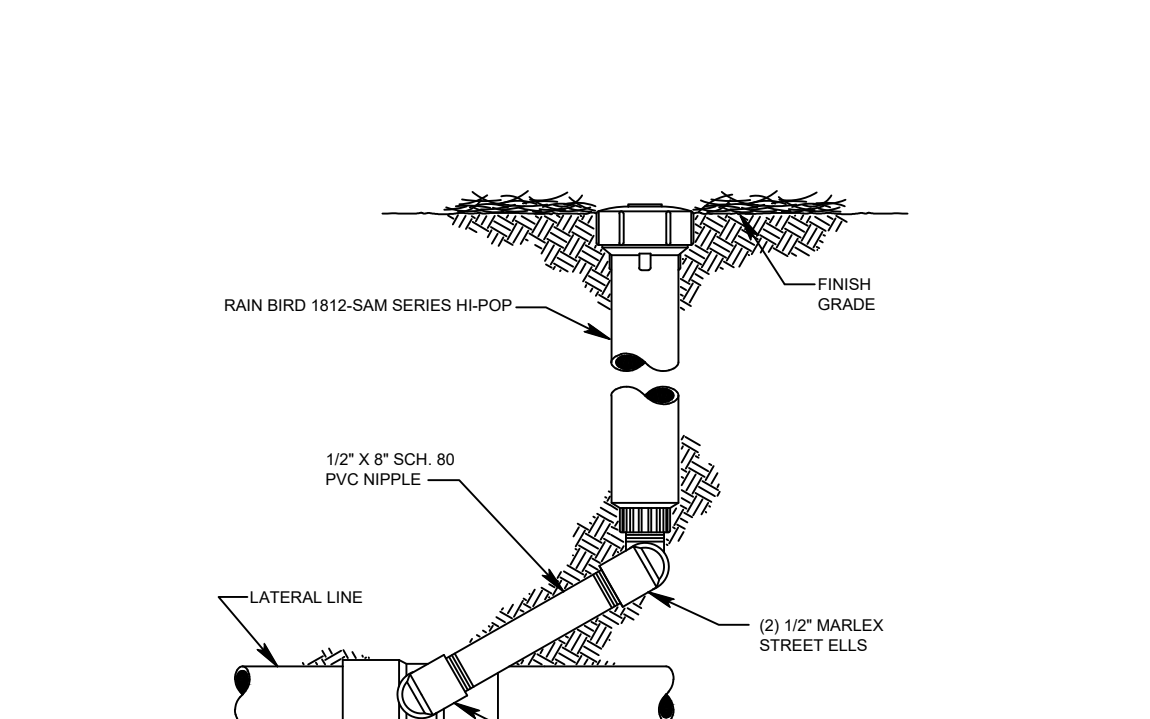
V DRIPLINE OPERATOR INDICATOR
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W RPA BACKFLOW DEVICE
NTS

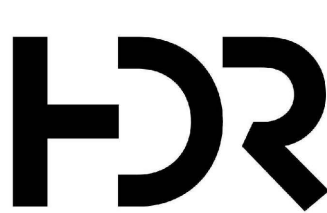


X LAWN ROTOR
NTS



Y SHRUB SPRAY
NTS

* IRRIGATION CONTACTOR SHALL SUBMIT BACKFLOW DETAIL TO LOCAL AUTHORITIES FOR APPROVAL BEFORE STARTING CONSTRUCTION.



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BRUCE BEACH PARK
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PHASE ONE

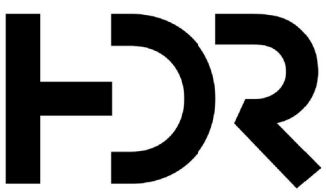
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Sheet Name
IRRIGATION DETAILS

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I-105



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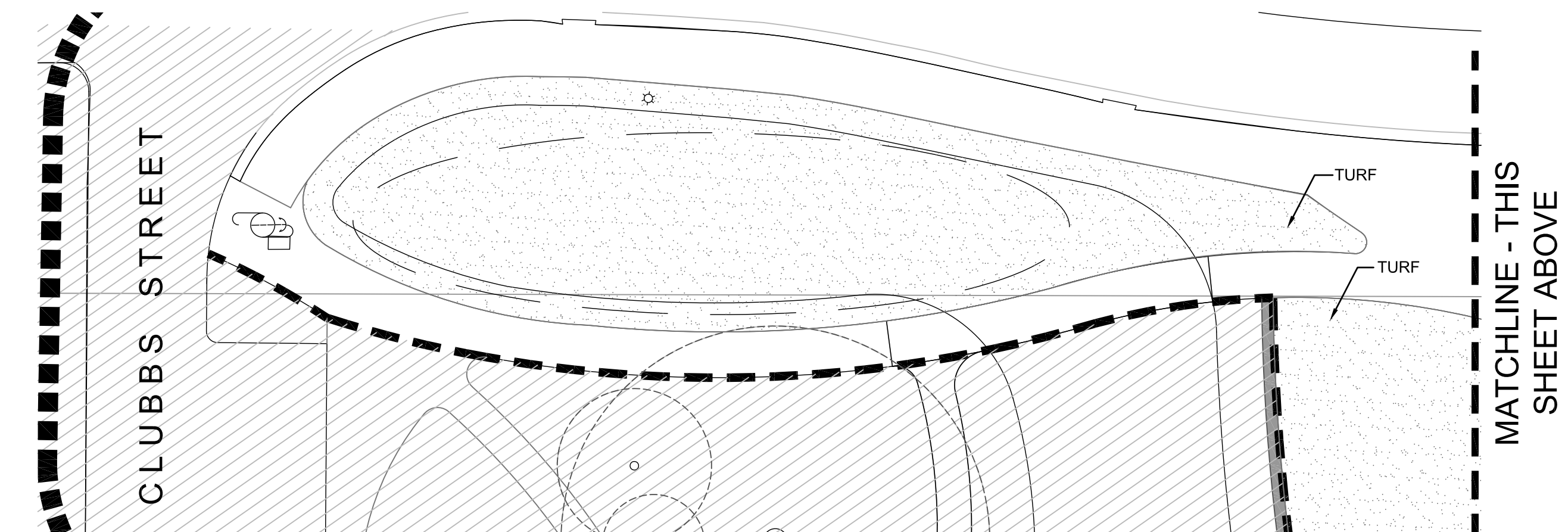
Sheet Name
PLANTING PLAN
- OVERALL

Scale
1" = 30'-0"

Sheet Number
L-800

ADDITIONAL ABBREVIATIONS:

1. SN: SEE NEXT SHEET FOR PLANT GROUPING QUANTITY
2. SP: SEE PREVIOUS SHEET FOR PLANT GROUPING QUANTITY





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PHASE ONE

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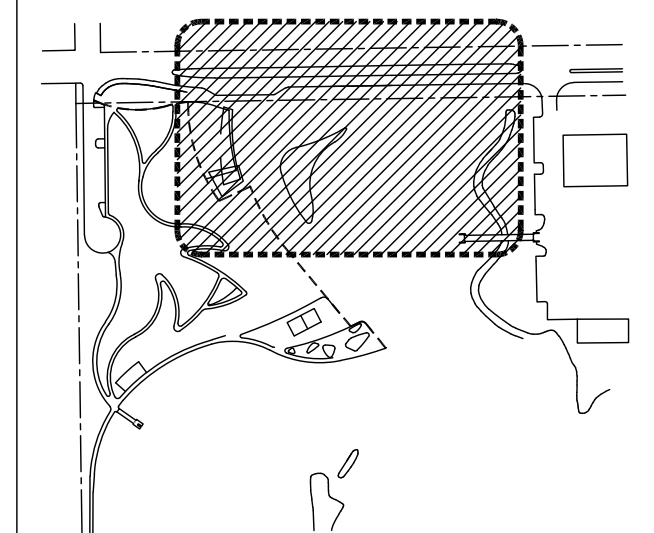
TREES & PALMS	
IC	ILEX CASSINE
IVP	ILEX VOMITORIA 'PRIDE OF HOUSTON'
MV	MAGNOLIA VIRGINIANA
PED	PINUS ELLIOTTI VAR. DENSA
PP	PINUS PALUSTRIS
QG	QUERCUS GEMINATA
QVC	QUERCUS VIRGINIANA 'CATHEDRAL'
QV	QUERCUS VIRGINIANA
QN	QUERCUS NUTTALLII
SP	SABAL PALMETTO
TD	TAXODIUM DISTYCHUM
VO	VIBURNUM OBOVATUM 'WITHLACOCHEE'

CA	CALLICARPA AMERICANA
CAH	CLETHRA ALNIFOLIA 'HUMMINGBIRD'
CC	CONRADINA CANESCENS
IGS	ILEX GLABRA 'SHAMROCK'
IVN	ILEX VOMITORIA 'NANA'
IVL	ITEA VIRGINICA 'LITTLE HENRY'
MAD	MALAVISCUS ARBOREUS VAR. DRUMONDII
SM	SABAL MINOR
SR	SERENOA REPENS
VD	VACCINEUM DARROWII
VM	VACCINEUM MYRSINITES
YF	YUCCA FILAMENTOSA

AT	ASCLEPIAS TUBEROSA
EP	ECHINACEA PURPUREA 'KIMS KNEE HIGH'
EY	ERYNGIUM YUCCIFOLIUM
HD	HELIANTHUS DEBILIS
HC	HIBISCUS COCCINEUS
IR	IOPOMOPSIS RUBRA
LS	LIATRIS SPICATA
MS	MIMOSA STRIGILLOSA
PG	PITYOPSIS GRAMINIFOLIA
SL	SALVIA LYRATA
TDC	TRICHOSTEMA DICHOTOMUM
	CYNODON DACTYLON
	X C. TRANSVAALENSIS 'TIFTUF'

AS	ARISTIDA STRICTA
ES	EUROGRASTIS SPECTABILIS
MC	MUHLBERGIA CAPILLARIS
RC	RHYNCHOSPORA COLORATA
SJ	SPOROBOLUS JUNCEUS
SS	SORGHASTRUM SECUNDUM
TF	TRIPSACUM FLORIDANUM
TDA	TRIPSACUM DACTYLOIDES

1. SN: SEE NEXT SHEET FOR PLANT GROUPING QUANTITY.
2. SP: SEE PREVIOUS SHEET FOR PLANT GROUPING QUANTITY

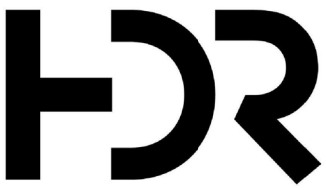


Sheet Name
PLANTING PLAN
- AREA 2

Scale
1" = 30'-0"

Sheet Number
L-802

	ABBREV.	BOTANICAL NAME	COMMON NAME	QTTY	SIZE	TYPE	SPACING	NOTES
TREES & PALMS	IC	ILEX CASSINE	DAHOON HOLLY	3	8' HT	B&B	PER PLAN	
	IVP	ILEX VOMITORIA 'PRIDE OF HOUSTON'	PRIDE OF HOUSTON YAUPON HOLLY	3	6' HT	CONT.	PER PLAN	MULTISTEM
	MV	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	16	10' HT	B&B	PER PLAN	MULTISTEM
	PED	PINUS ELLIOTTI VAR. DENSA	FLORIDA SLASH PINE	24	10' HT	B&B	PER PLAN	
	PP	PINUS PALUSTRIS	LONGLEAF PINE	22	10' HT	B&B	PER PLAN	
	QG	QUERCUS GEMINATA	SAND LIVE OAK	24	3" CAL	B&B	PER PLAN	MULTISTEM
	QVC	QUERCUS VIRGINIANA 'CATHEDRAL'	CATHEDRAL LIVE OAK	34	4" CAL	B&B	PER PLAN	
	QV	QUERCUS VIRGINIANA	LIVE OAK	6	4" CAL	B&B	PER PLAN	
	QN	QUERCUS NUTTALLII	NUTTALL OAK	9	4" CAL	B&B	PER PLAN	
	SP	SABAL PALMETTO	CABBAGE PALM	24	8'-14" HT	B&B	PER PLAN	
	TD	TAXODIUM DISTYCHUM	BALD CYPRESS	3	4" CAL	B&B	PER PLAN	
	VO	VIBURNUM OBOVATUM 'WITHLACOOCHEE'	WITHLACOOCHEE WALTERS VIBURNUM	2	6' HT	CONT	PER PLAN	STANDARD TREE FORM
SHRUBS	CA	CALLICARPA AMERICANA	BEAUTYBERRY	9	#3	CONT	5' OC	
	CAH	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD CLETHRA	48	#3	CONT	3' O.C	
	CC	CONRADINA CANESCENS	FALSE ROSEMARY	40	#3	CONT	3' OC	
	IGS	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	97	#3	CONT	4' OC	
	IVN	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	360	#3	CONT	3' OC	
	IVL	ITEA VIRGINICA 'LITTLE HENRY'	LITTLE HENRY SWEETSPIRE	96	#3	CONT	3' OC	
	MAD	MALAVISCUS ARBOREUS VAR. DRUMONDII	TURKS CAP	25	#3	CONT	4' OC	
	SM	SABAL MINOR	DWARF PALMETTO	8	#3	CONT	6' OC	
	SR	SERENOA REPENS	SAW PALMETTO	1,035	#3	CONT	4' OC	
	VD	VACCINEUM DARROWII	DARROW'S BLUEBERRY	586	#3	CONT	2' OC	
	VM	VACCINEUM MYRSINITES	SHINY BLUEBERRY	502	#3	CONT	2' OC	
	YF	YUCCA FILAMENTOSA	ADAMS NEEDLE	52	#3	CONT	3' OC	
GRASSES AND SEDGES	AS	ARISTIDA STRICTA	WIREGRASS	965	#1	CONT	18" OC	
	ES	EROGRASTIS SPECTABILIS	PURPLE LOVEGRASS	363	#1	CONT	18" OC	
	MC	MUHLENBERGIA CAPILLARIS	GULF MUHLY	281	#1	CONT	3' OC	
	RC	RHYNCHOSPORA COLORATA	WHITETOPPED SEDGE	1,200	#1	CONT	18" OC	
	SJ	SPOROBOLUS JUNCEUS	PINEYWOODS DROPSEED	673	#1	CONT	18" OC	
	SS	SORGHASTRUM SECUNDUM	LOPSIDED INDIANGRASS	200	#1	CONT	18" OC	
	TF	TRIPSACUM FLORIDANUM	DWARF FAKAHATCHEE GRASS	1,708	#1	CONT	2' OC	
	TDA	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	125	#3	CONT	4' OC	
HERBACEOUS	AT	ASCLEPIAS TUBEROSA	BUTTERFLYWEED	67	#1	CONT	18" OC	
	EP	ECHINACEA PURPUREA 'KIMS KNEE HIGH'	KIMS KNEE HIGH CONEFLOWER	68	#1	CONT	18" OC	
	EY	ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	3	#1	CONT	2' OC	
	HD	HELIANTHUS DEBILIS	BEACH SUNFLOWER	185	#1	CONT	2' OC	
	HC	HIBISCUS COCCIENOUS	SCARLET HIBISCUS	78	#1	CONT	3' OC	
	IR	IPOMOPSIS RUBRA	STANDING CYPRESS	7	#1	CONT	18" OC	
	LS	LIATRIS SPICATA	DENSE BLAZING STAR	35	#1	CONT	18" OC	
	MS	MIMOSA STRIGILLOSA	POWDERPUFF	55	#1	CONT	2' OC	
	PG	PITYOPSIS GRAMINIFOLIA	NARROWLEAF SILKGRASS	428	#1	CONT	1' OC	
	SL	SALVIA LYRATA	LYRE-LEAVED SAGE	30	#1	CONT	1' OC	
	TDC	TRICHOSTEMA DICHOTOMUM	BLUE CURLS	15	#1	CONT.	18" OC	
TURF		CYNODON DACTYLON	TIFTUF HYBRID			SOD		
		X C. TRANSVAALENSIS 'TIFTUF'	BERMUDAGRASS					



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

DATE	DESCRIPTION
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11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name

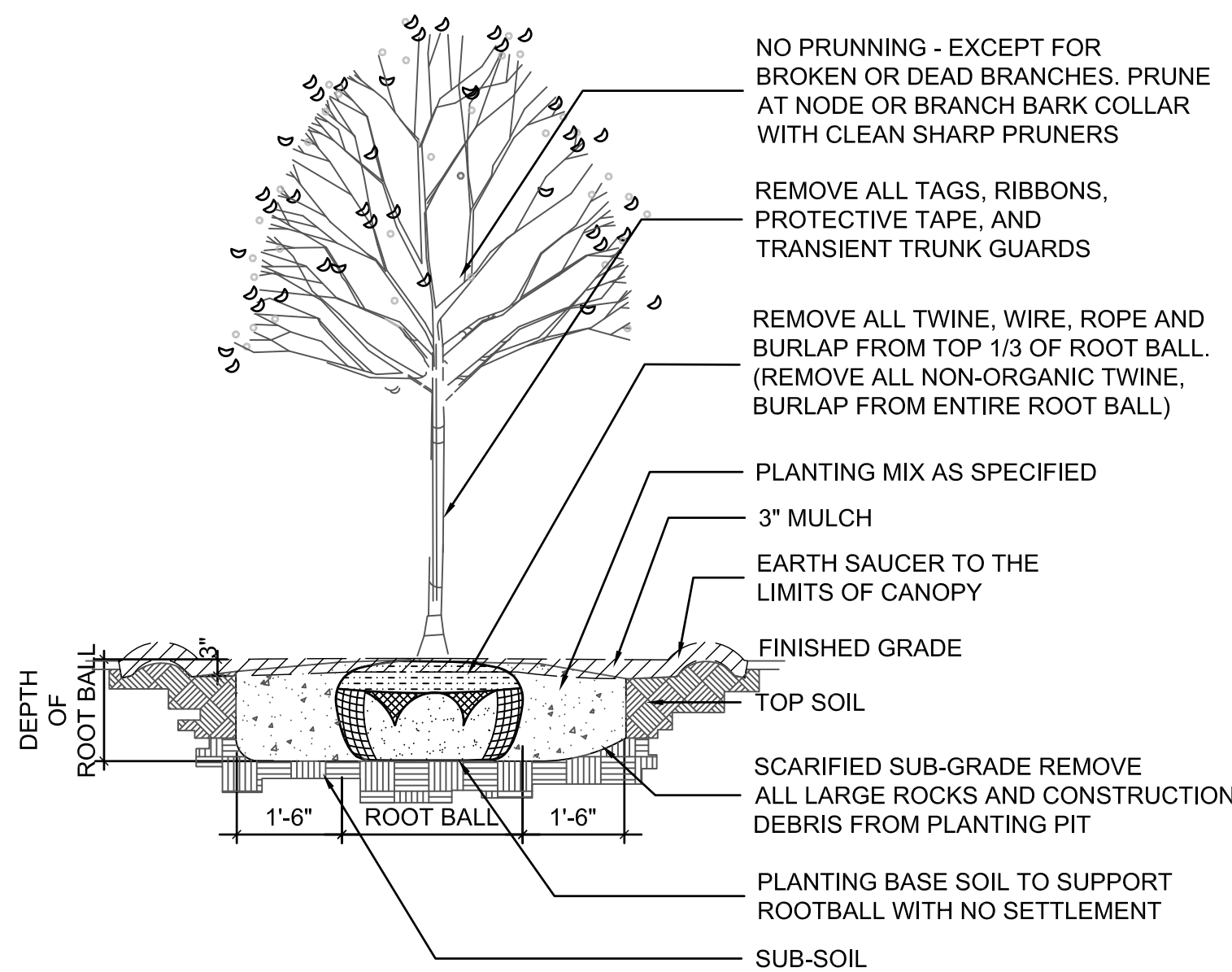
PLANTING SCHEDULE

Scale

N/A

Sheet Number

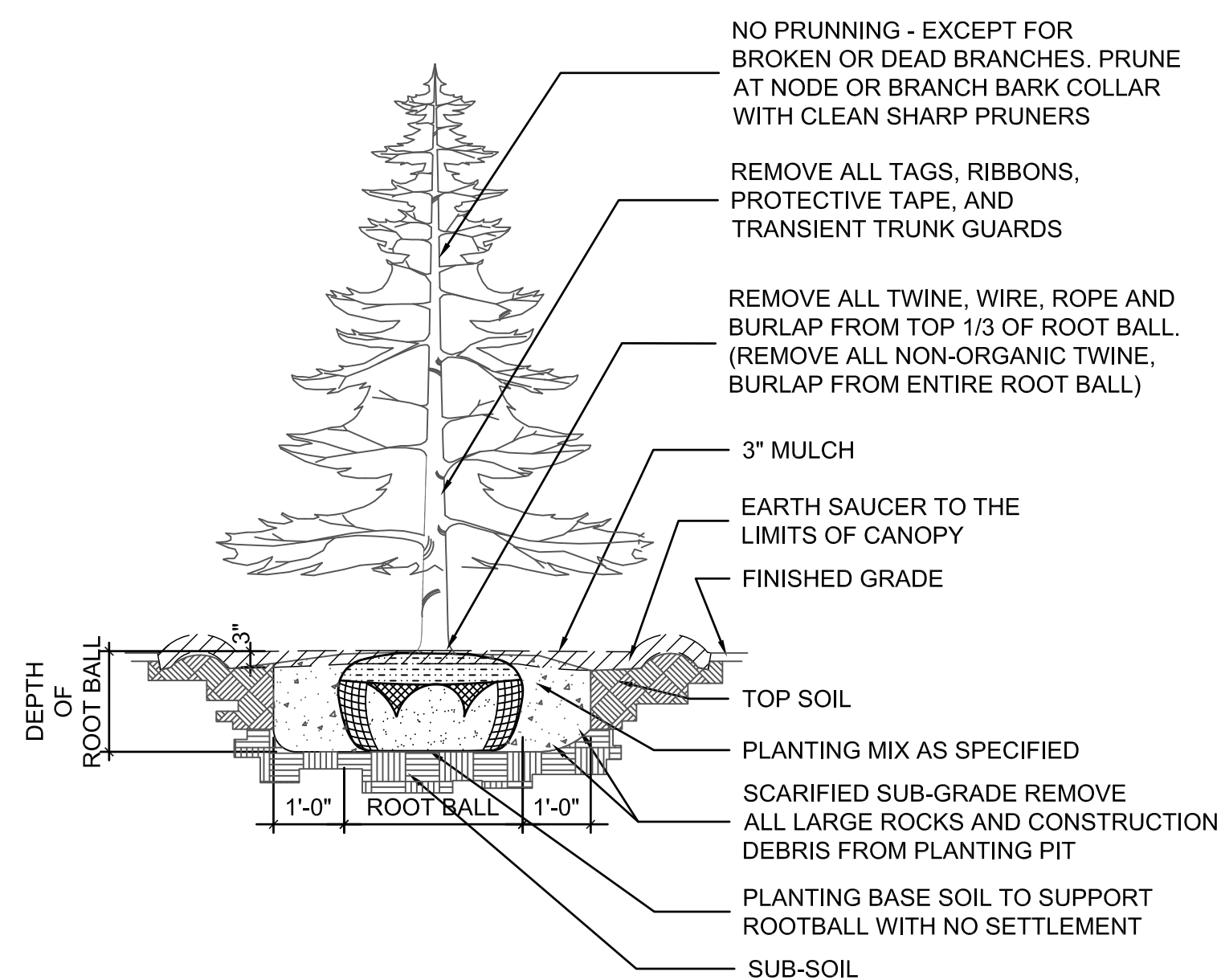
L-805



- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
 3. STAKING IS NOT REQUIRED UNLESS PROPER VERTICAL ALIGNMENT OF PLANT CANNOT BE MAINTAINED DUE TO WINDY CONDITIONS, OR IF PLANTING ON A STEEP SLOPE STAKING MAY BE REQUIRED. SEE DETAIL.

5 SHADE TREE PLANTING

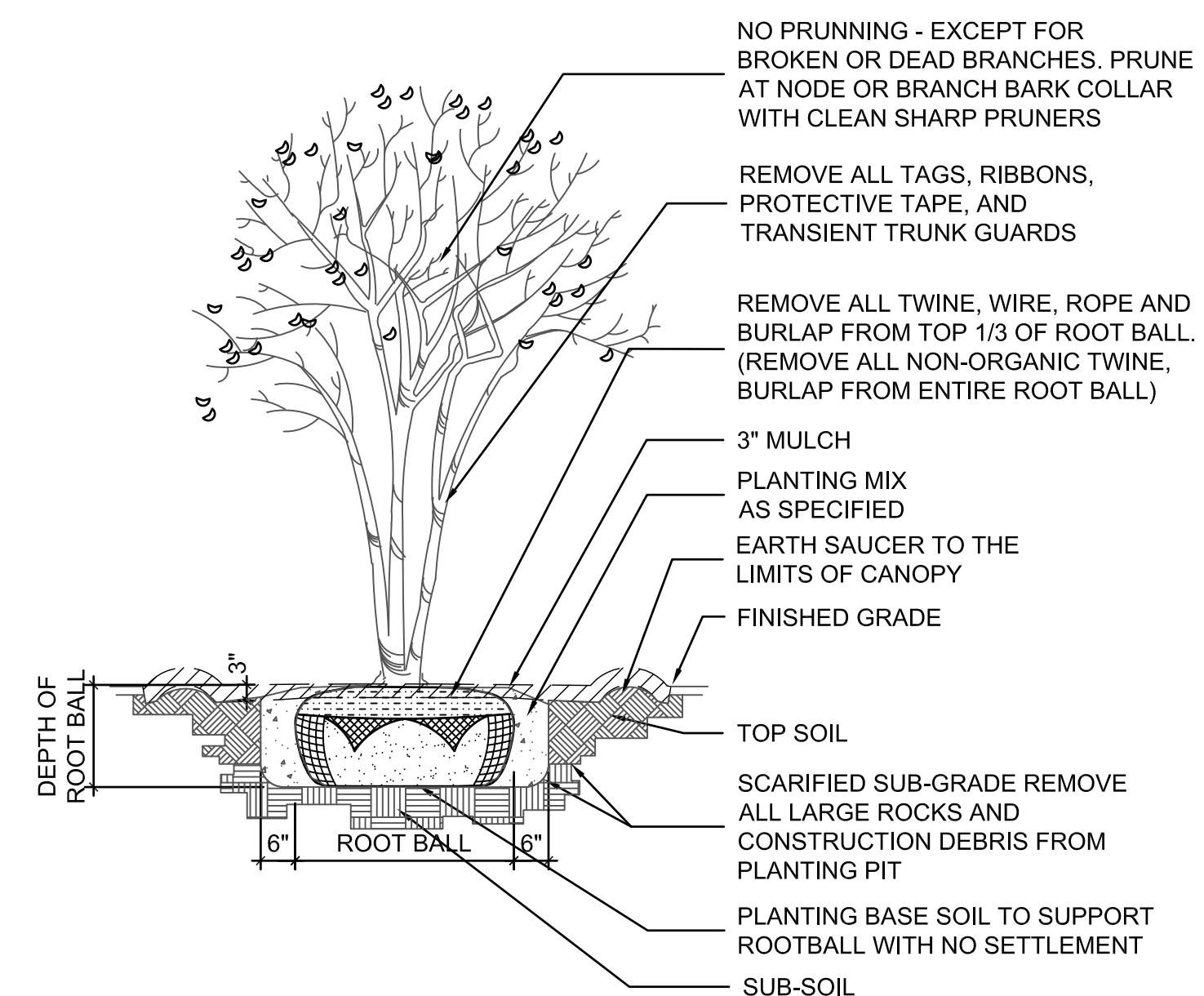
NTS



- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
 3. STAKING IS NOT REQUIRED UNLESS PROPER VERTICAL ALIGNMENT OF PLANT CANNOT BE MAINTAINED DUE TO WINDY CONDITIONS, OR IF PLANTING ON A STEEP SLOPE STAKING MAY BE REQUIRED. SEE DETAIL.

3 EVERGREEN TREE PLANTING

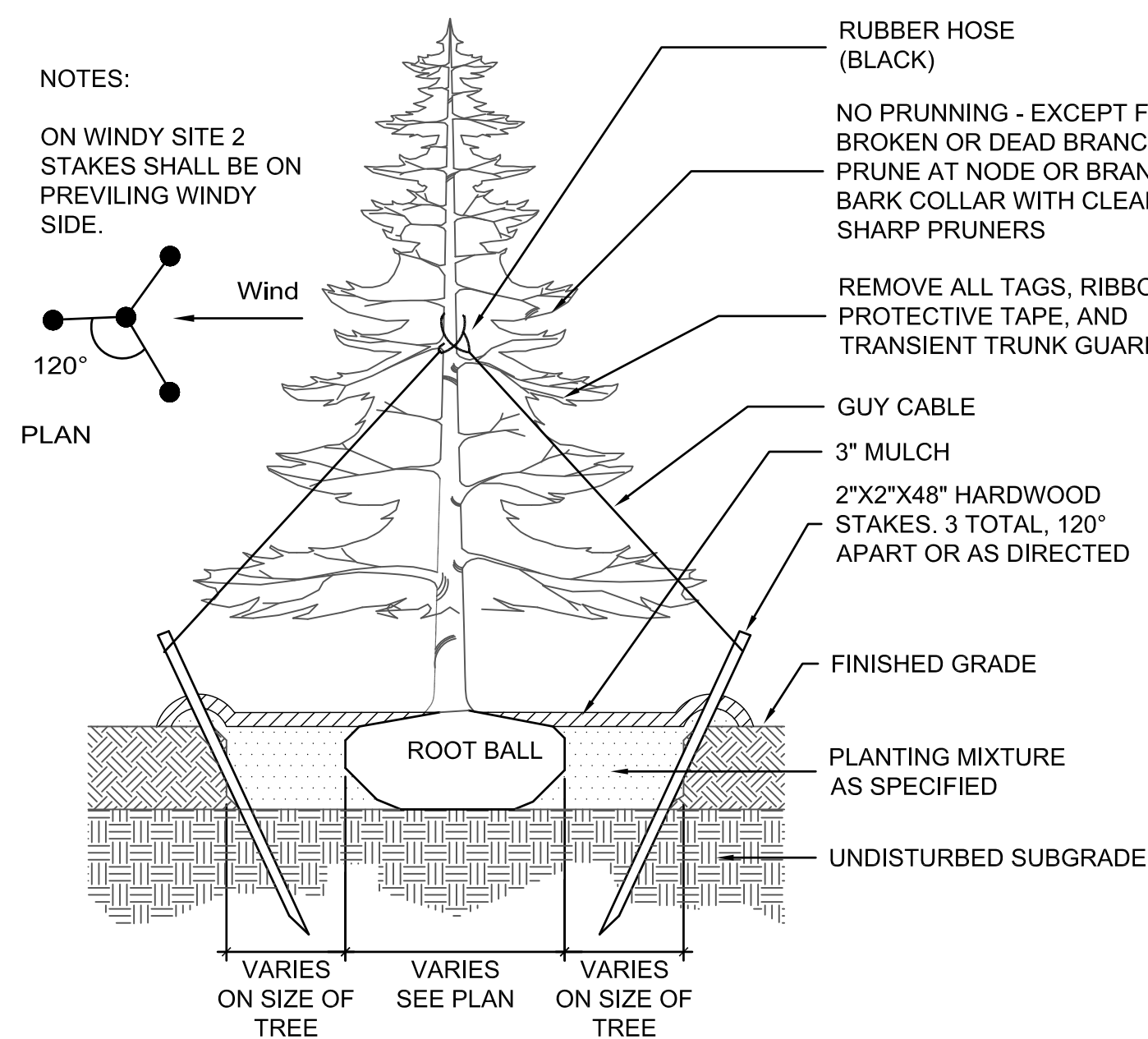
NTS



- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
 3. STAKING IS NOT REQUIRED UNLESS PROPER VERTICAL ALIGNMENT OF PLANT CANNOT BE MAINTAINED DUE TO WINDY CONDITIONS, OR IF PLANTING ON A STEEP SLOPE STAKING MAY BE REQUIRED. SEE DETAIL.

1 UNDERSTORY TREE PLANTING

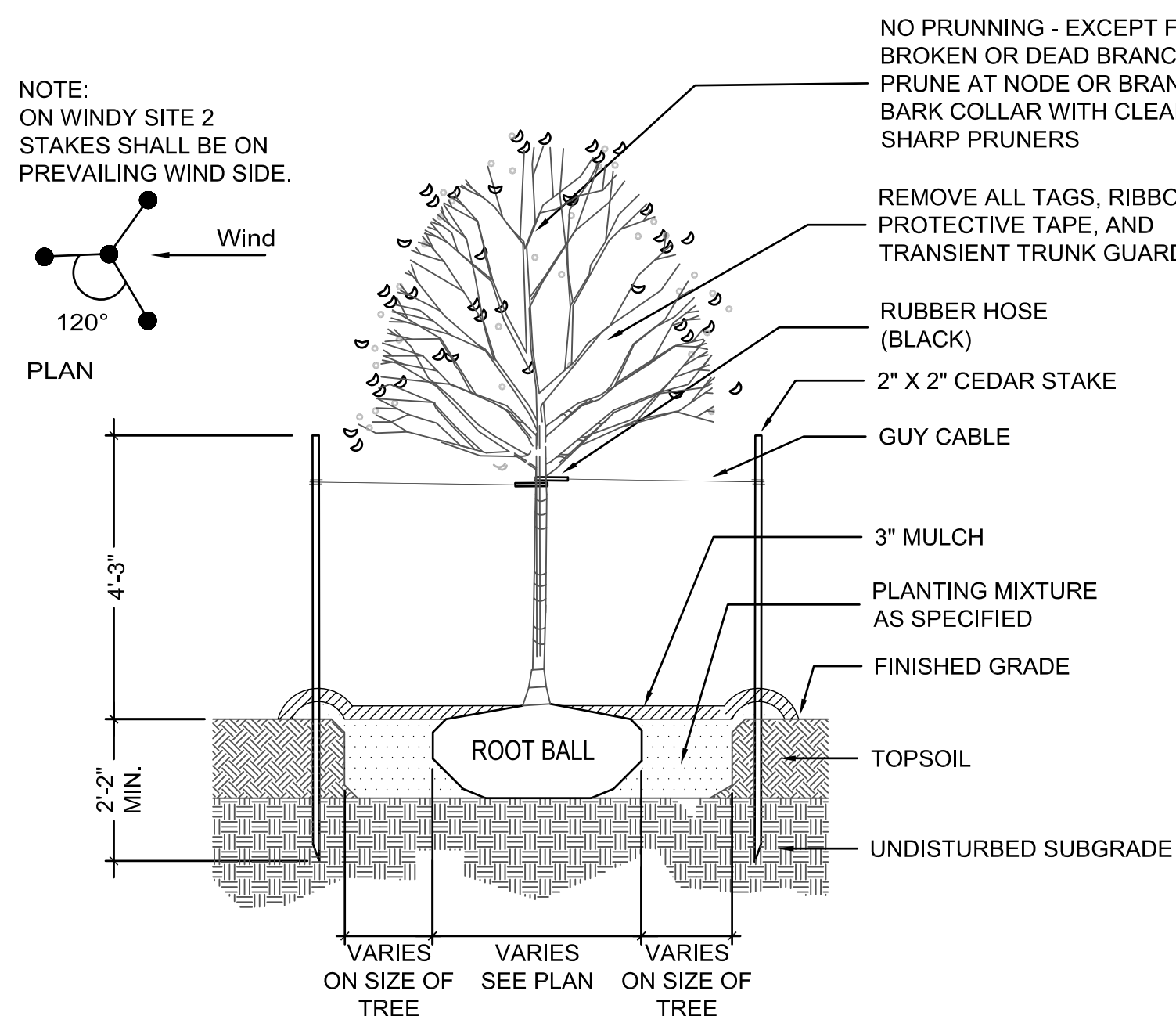
NTS



- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
 3. SEE RELATED PLANTING DETAILS PER TREE SIZE FOR ALL OTHER RELATED DETAILS AND DEPTHS FOR TREE PLANTING.

6 EVERGREEN TREE STAKING

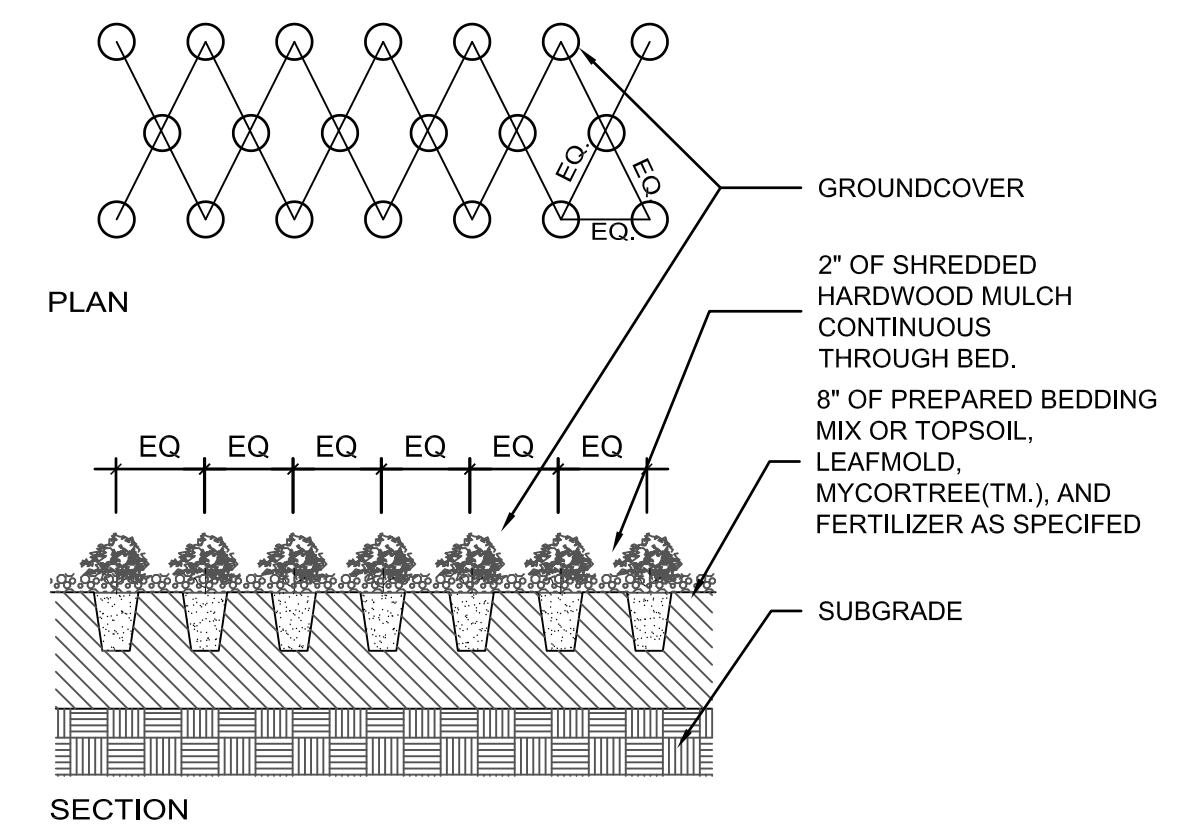
NTS



- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK BELOW GRADE.
 3. SEE RELATED PLANTING DETAILS PER TREE SIZE FOR ALL OTHER RELATED DETAILS AND DEPTHS FOR TREE PLANTING.

4 SHADE TREE STAKING

NTS



- NOTE:
1. GROUND COVER MUST BE PLANTED IN BEDDING MIX OR TOPSOIL NOT MULCH.
 2. ON-CENTER SPACING IS INDICATED ON PLANT LIST.

2 GROUNDCOVER PLANTING

NTS



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BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

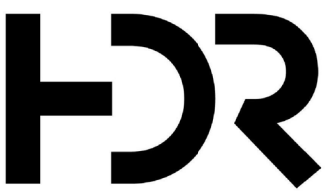
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9/10/2021	30% DESIGN DEVELOPMENT
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3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name PLANTING DETAILS

Scale
N/A

Sheet Number
L-850

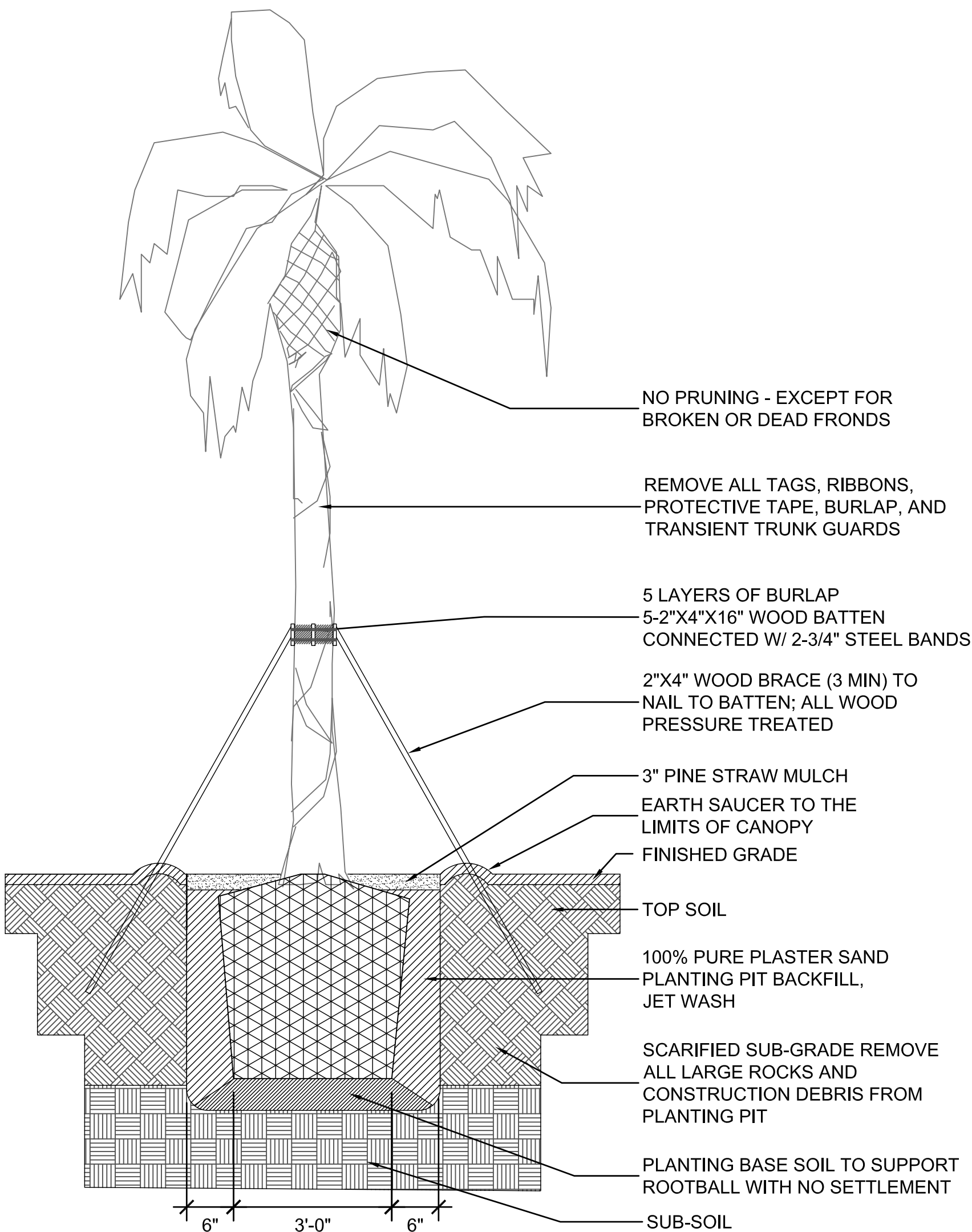


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Pensacola, FL 32502



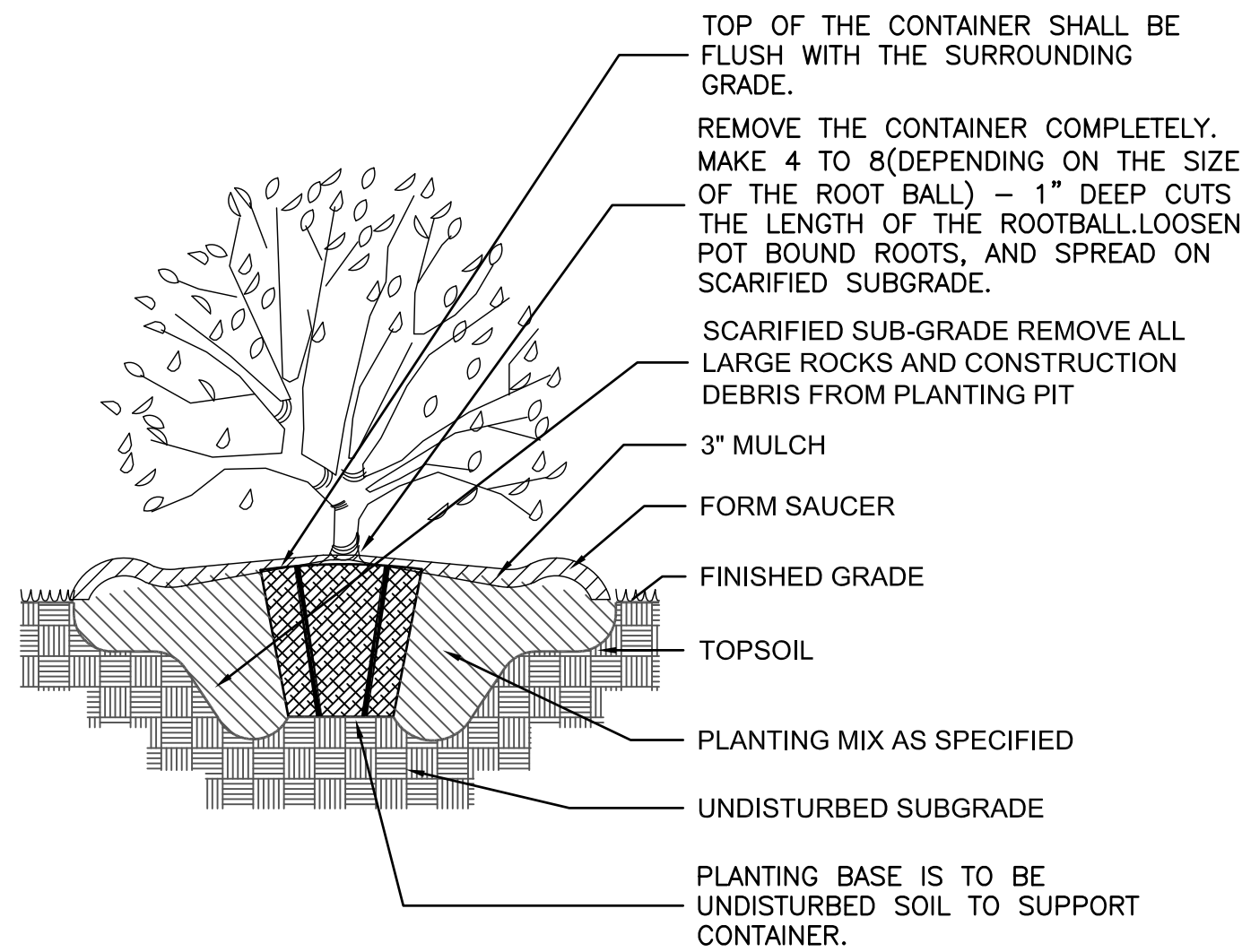
BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

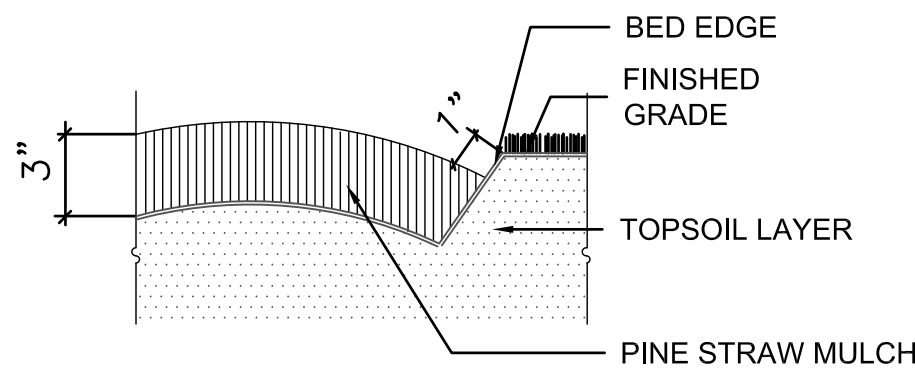


- NOTES:
1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
 2. REMOVE ALL TWINE, WIRE, ROPE AND BURLAP FROM TOP 1/3 OF ROOT BALL (REMOVE ALL NON-ORGANIC TWINE, BURLAP FROM ENTIRE ROOT BALL); FOLD BURLAP BACK BELOW GRADE.

3 PALM TREE PLANTING
NTS



1 SHRUB PLANTING
NTS



2 EDGE DETAIL
NTS

DATE	DESCRIPTION
9/10/2021	30% DESIGN DEVELOPMENT
11/5/2021	60% DESIGN DEVELOPMENT
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3/11/2022	ISSUE FOR BID

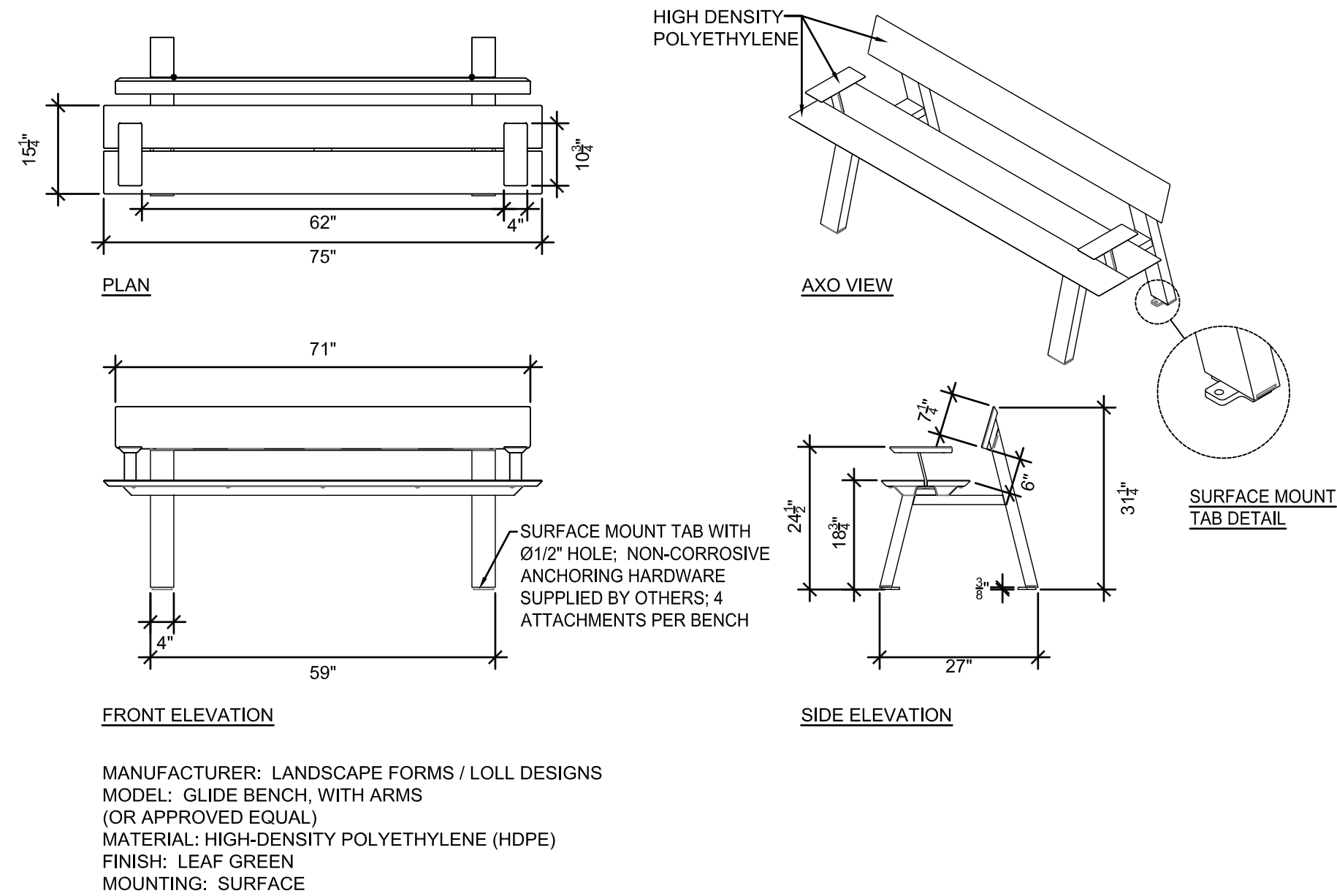
HDR Project Number: 10279441

Sheet Name
PLANTING DETAILS

Scale
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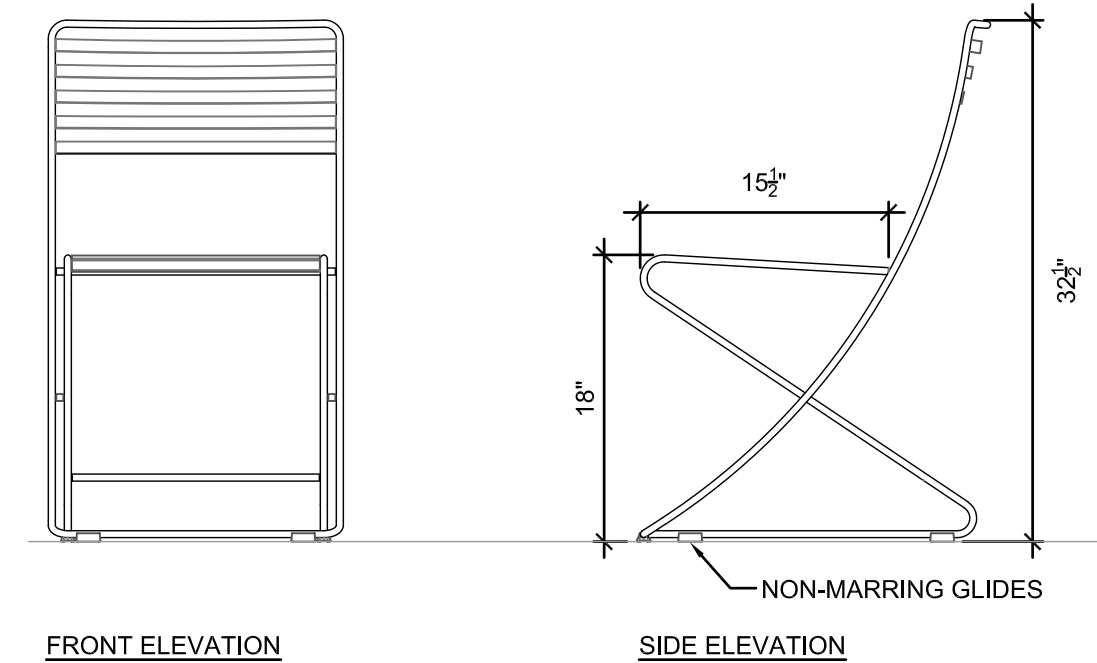
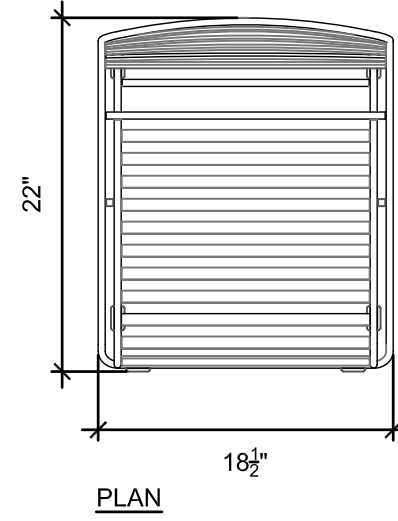
Sheet Number

L-851

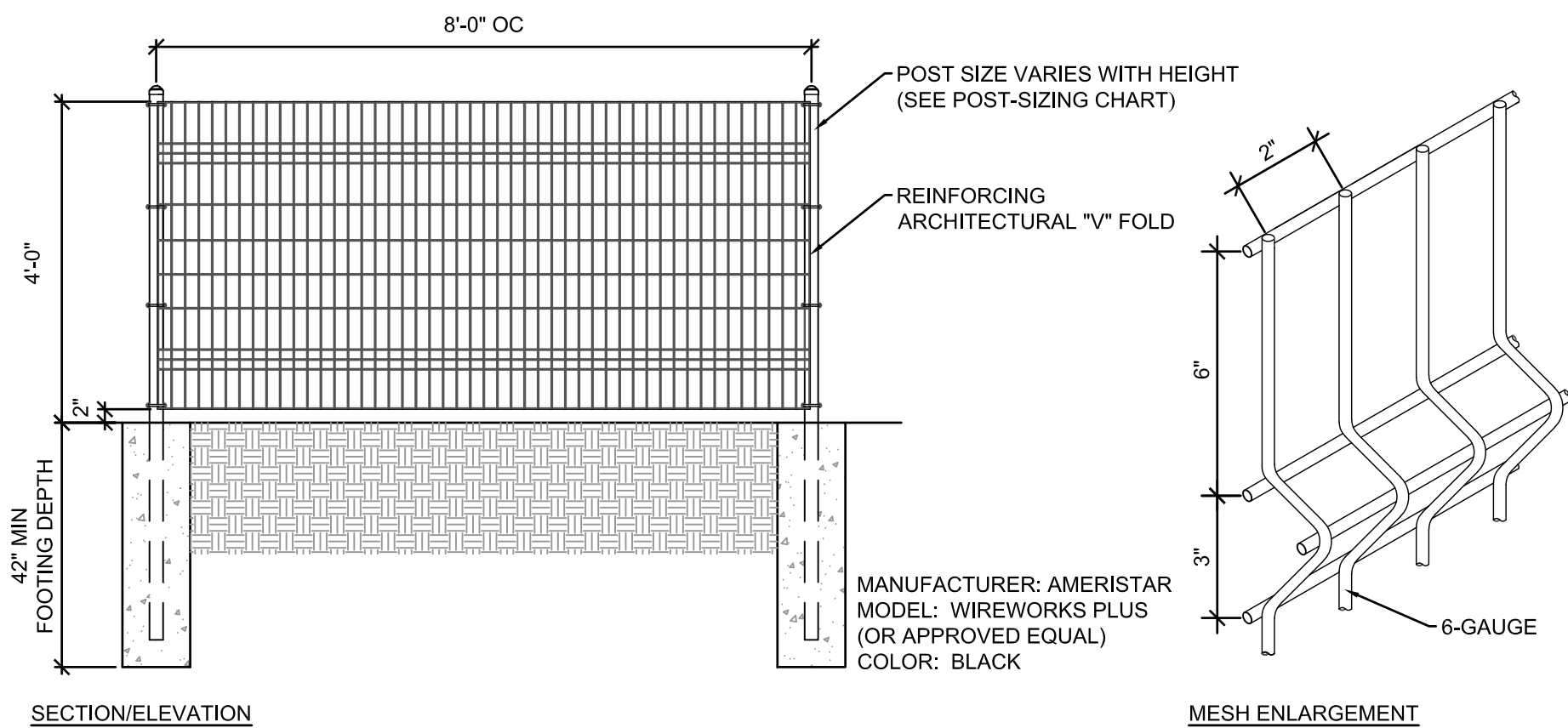


6 BACKED BENCH
NTS

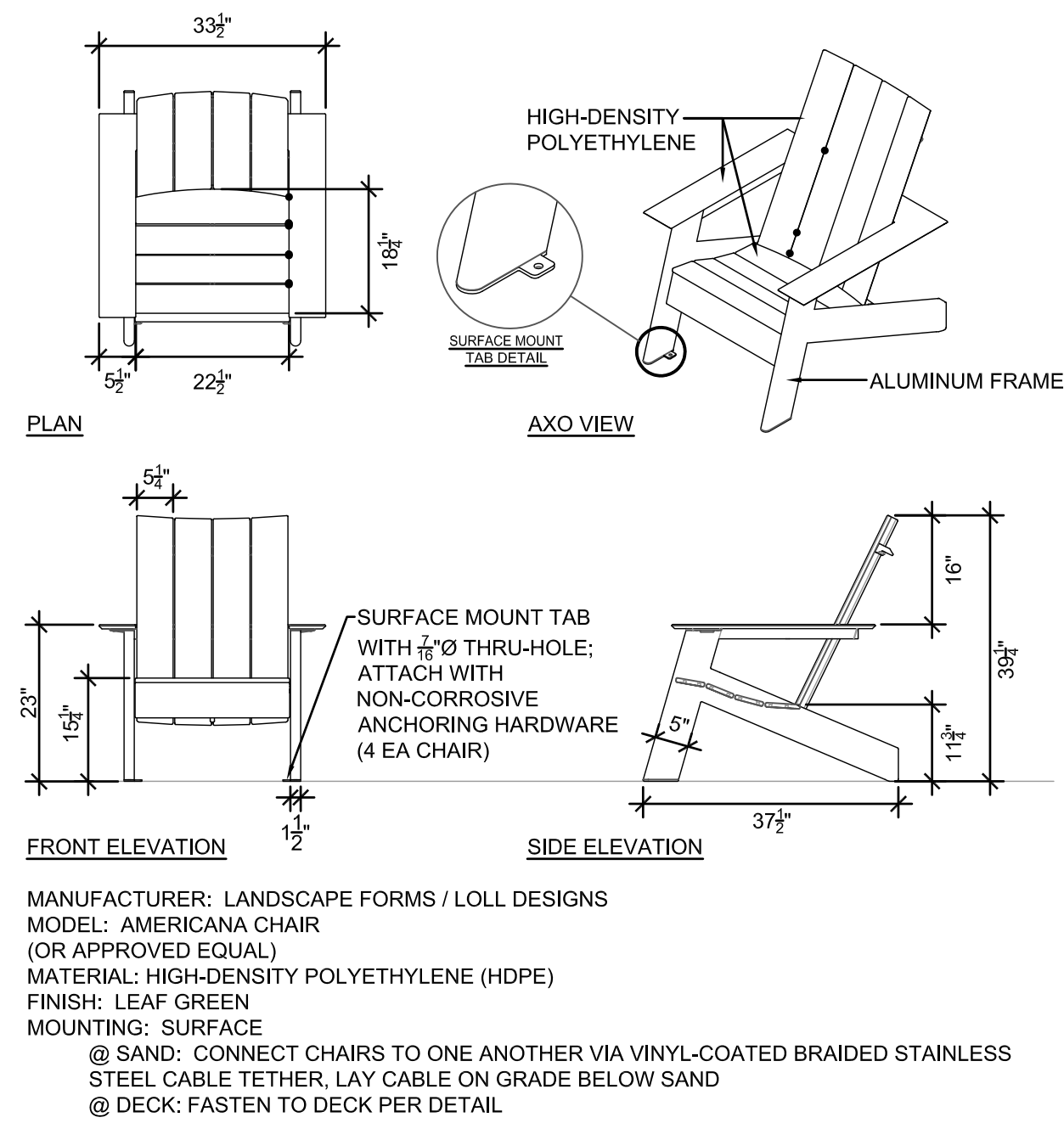
MANUFACTURER: LANDSCAPE FORMS
MODEL: PARC CENTRE CHAIR -
ARMLESS
(OR APPROVED EQUAL)
FINISH: 'BUTTERCUP' GLOSS
POWDERCOAT
MOUNTING: FREESTANDING,
TETHERED TO TABLE WITH BRAIDED
STAINLESS STEEL CABLE, MIN 3/4\"/>



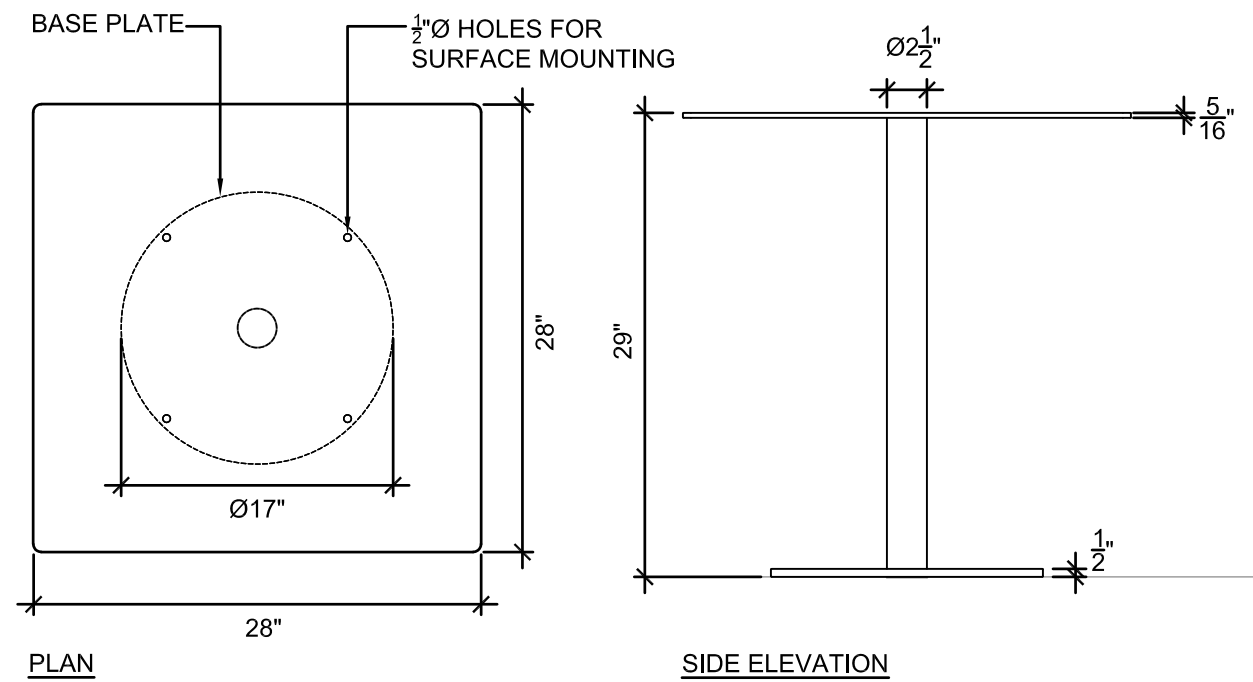
7 CAFE CHAIRS
NTS



8 WIRE MESH FENCE
NTS



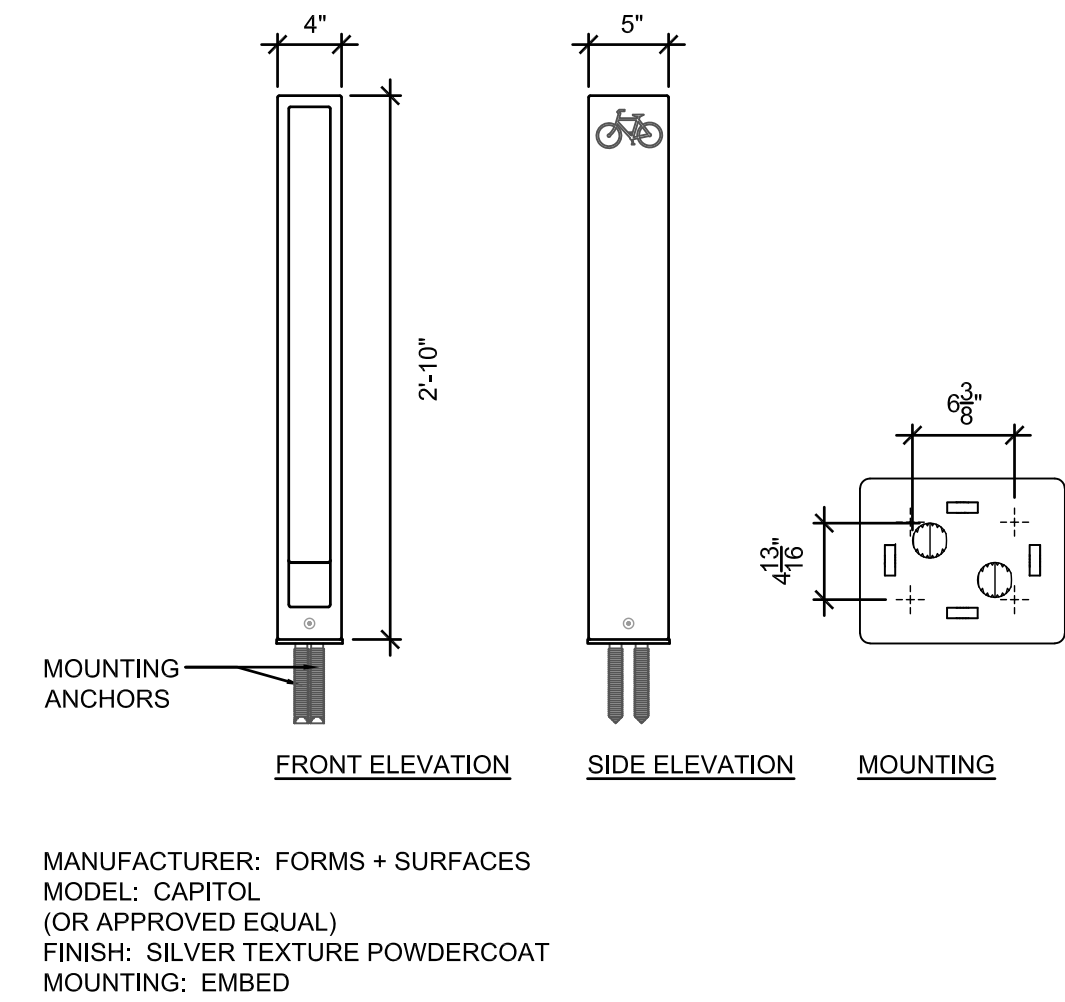
4 LOUNGE CHAIRS
NTS



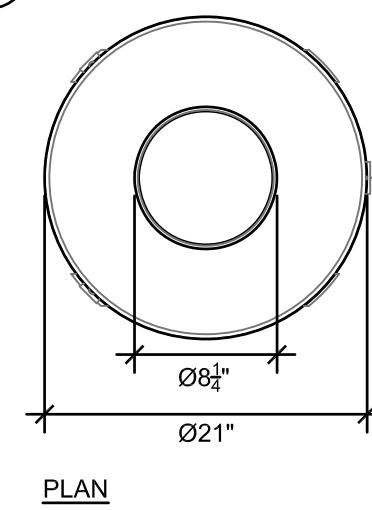
MANUFACTURER: LANDSCAPE FORMS
MODEL: PARC CENTRE SQUARE
(OR APPROVED EQUAL)
FINISH: 'BUTTERCUP' GLOSS POWDERCOAT
MOUNTING: SURFACE

NOTE:
1. PROVIDE 4 CHAIRS PER TABLE FOR 50% TOTAL QUANTITY SHOWN IN PLAN,
REMAINING 50%, PROVIDE 3 TO MEET ACCESSIBILITY REQUIREMENTS
2. CHAIRS TO BE CABLE-TETHERED TO TABLES WITH VINYL-COATED BRAIDED
STAINLESS STEEL CABLE, MIN 3/4\"/>

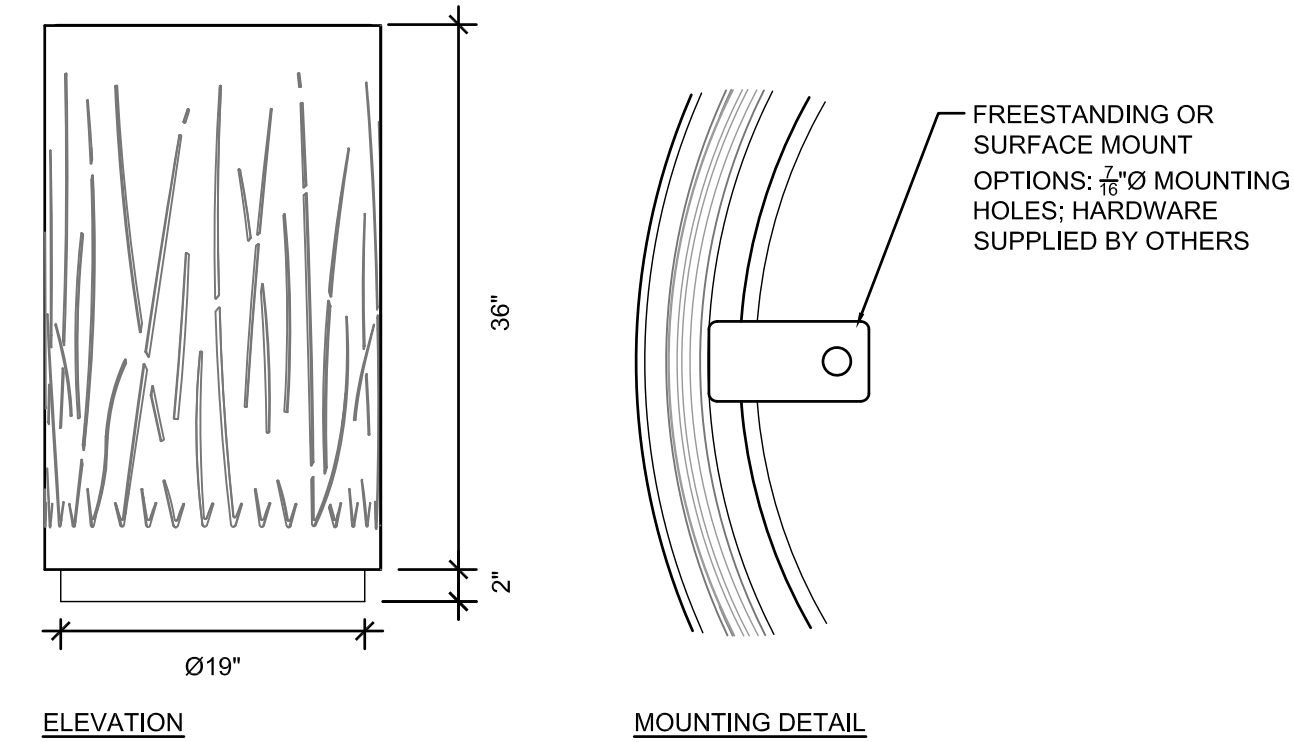
5 CAFE TABLE
NTS



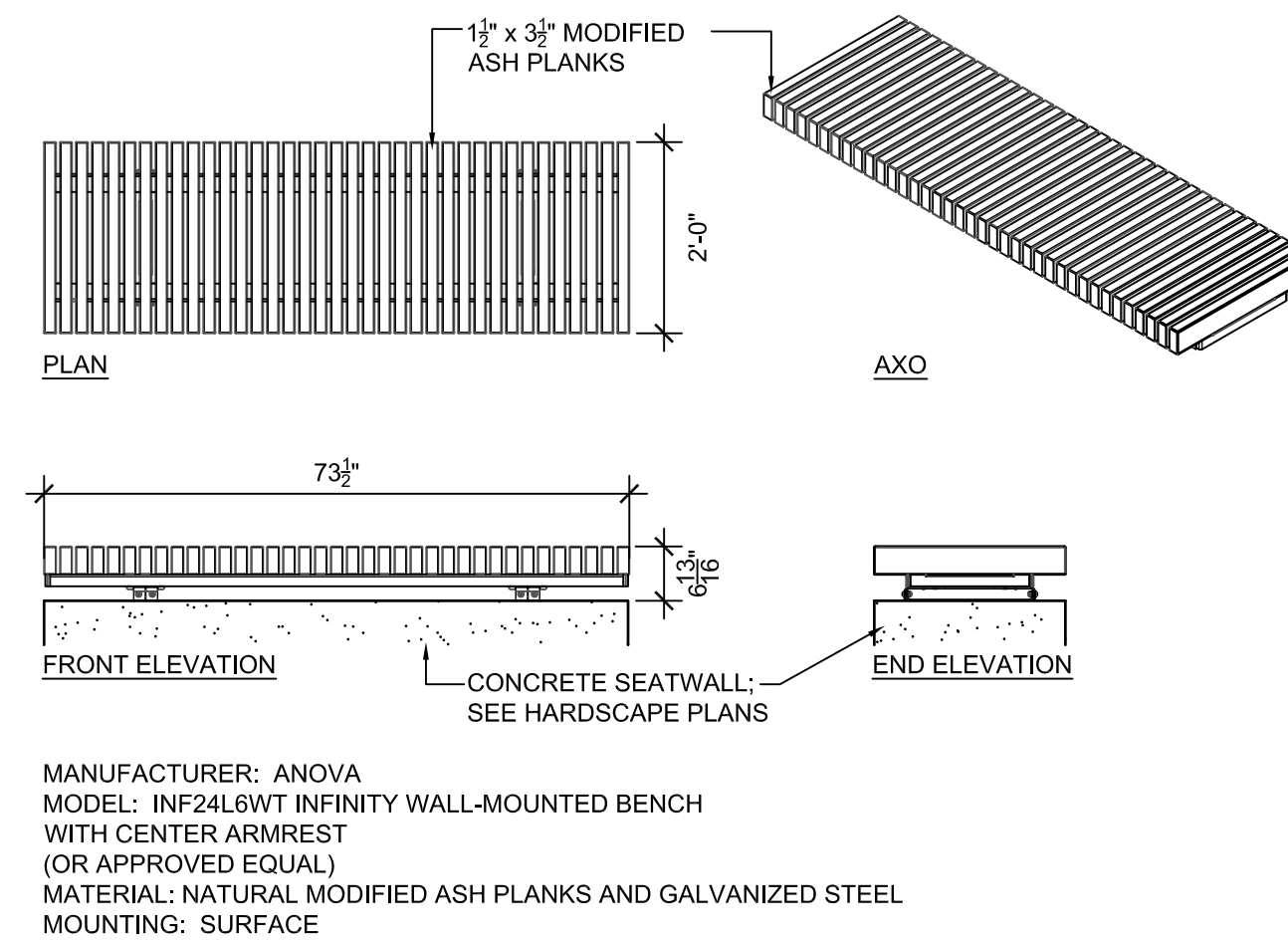
1 BIKE RACK
NTS



MANUFACTURER: LANDSCAPE FORMS
MODEL: LAKESIDE, TOP OPENING,
GRASS PATTERN
(OR APPROVED EQUAL)
FINISH: SILVER TEXTURE
POWDERCOAT
MOUNTING: SURFACE



2 TRASH & RECYCLING RECEPTACLES
NTS



3 WALL-MOUNTED BENCH
NTS



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Pensacola, FL 32502

PHASE ONE

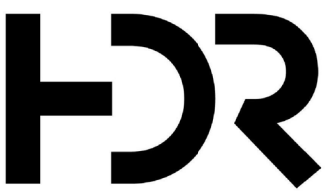
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3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
SITE FURNISHINGS

Scale
AS NOTED

Sheet Number
L-901



25 W. Cedar Street, Suite 200
Pensacola, FL 32502

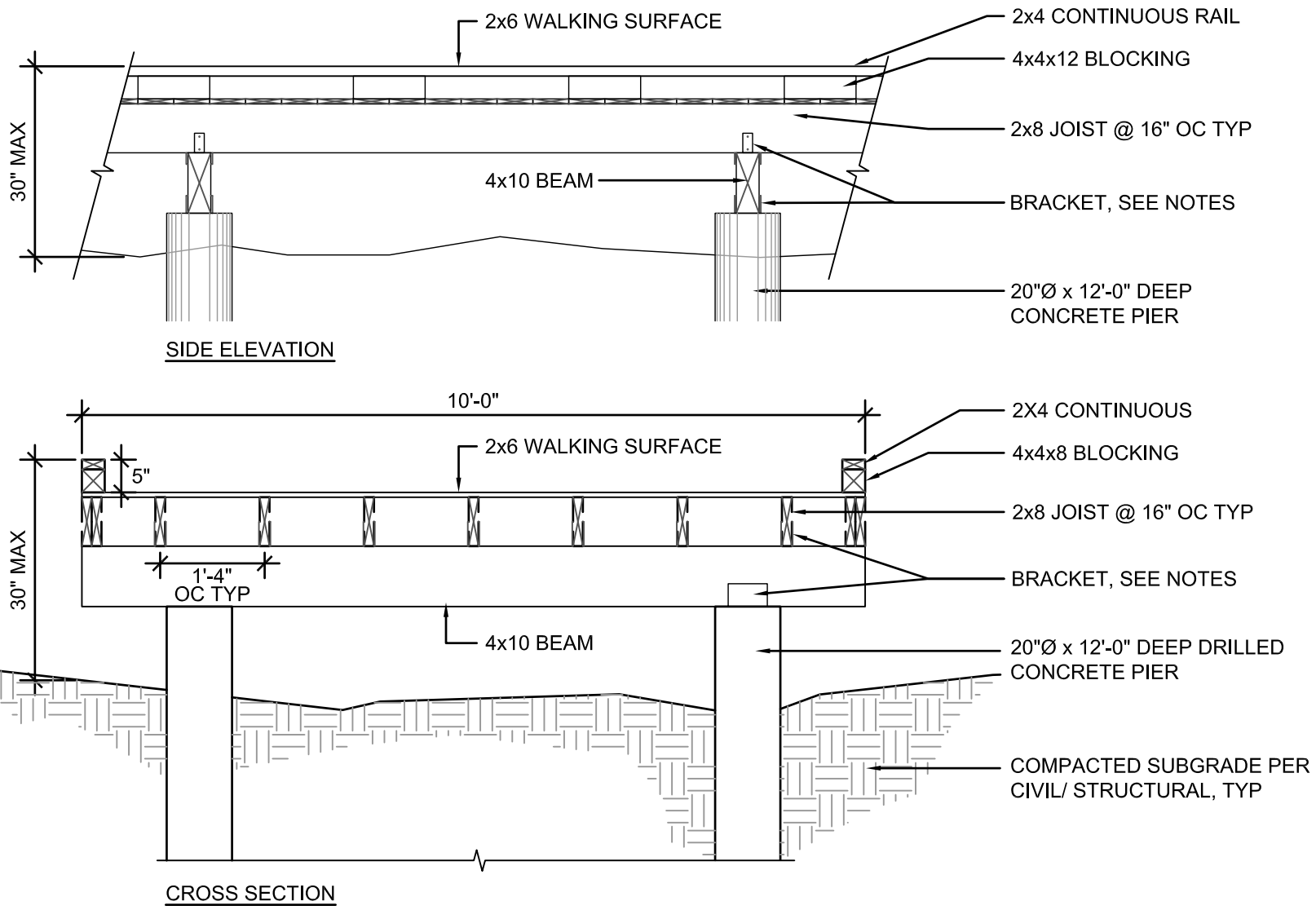
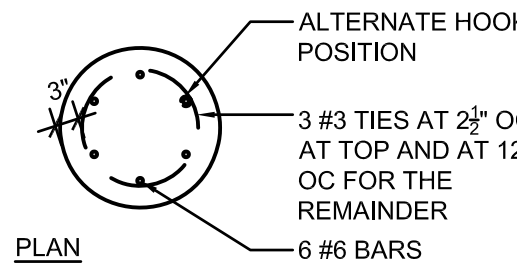


BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

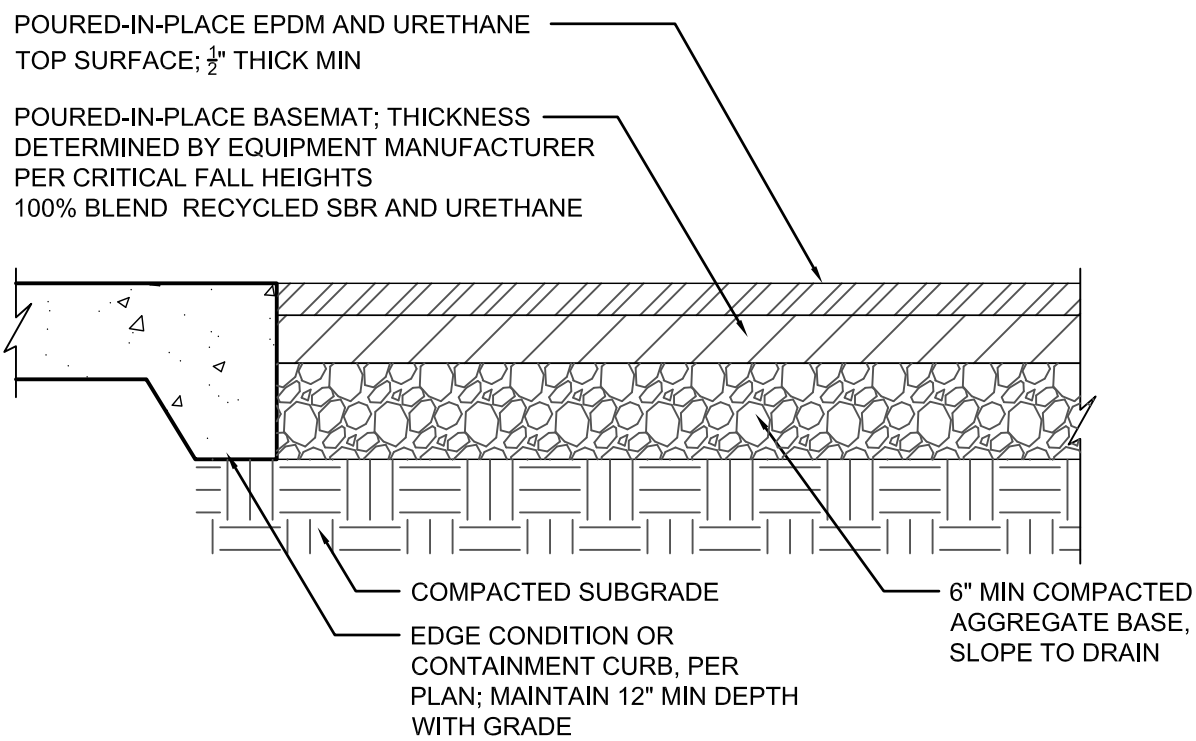
NOTES:

1. MINIMUM PILE PENETRATION DEPTH FOR PIERS PER GEOTECHNICAL ENGINEER
2. ALL MEMBERS SHALL HAVE PRE-DRILLED HOLES TO PREVENT SPLITTING DURING CONSTRUCTION
3. DECKING TO BE ATTACHED TO JOISTS USING GALVANIZED SCREWS AND HARDWARE
4. ALL WOODEN MEMBERS SHALL BE BOLTED OR SCREWED TOGETHER, NO NAIL CONNECTIONS
5. TIMBER BOARDWALK IS DESIGNED IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS
6. SITE SOIL PROPERTIES ARE ASSUMED TO SUPPORT FOUNDATION LOADS; REFER TO GEOTECHNICAL REPORT
7. BRACKETS AND HANGERS TO BE STAINLESS STEEL OR G90 COATED GALVANIZED; FASTENERS SHALL BE STAINLESS STEEL



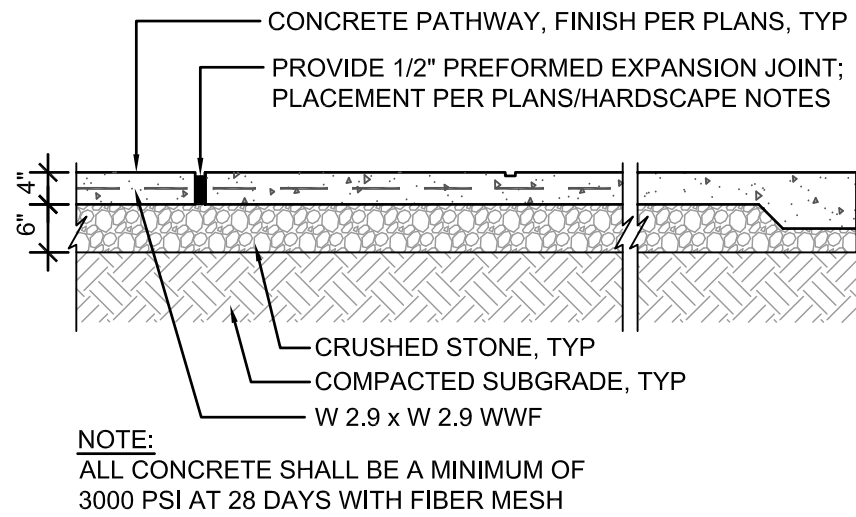
6 BOARDWALK

NTS



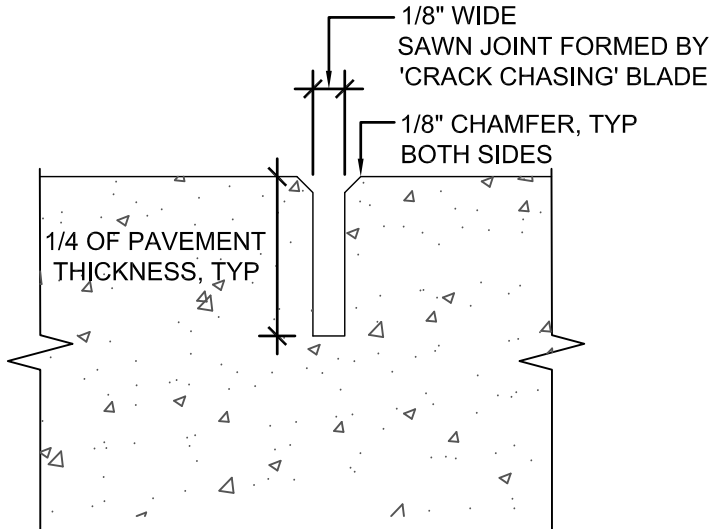
4 RESILIENT PLAYGROUND SURFACING

NTS



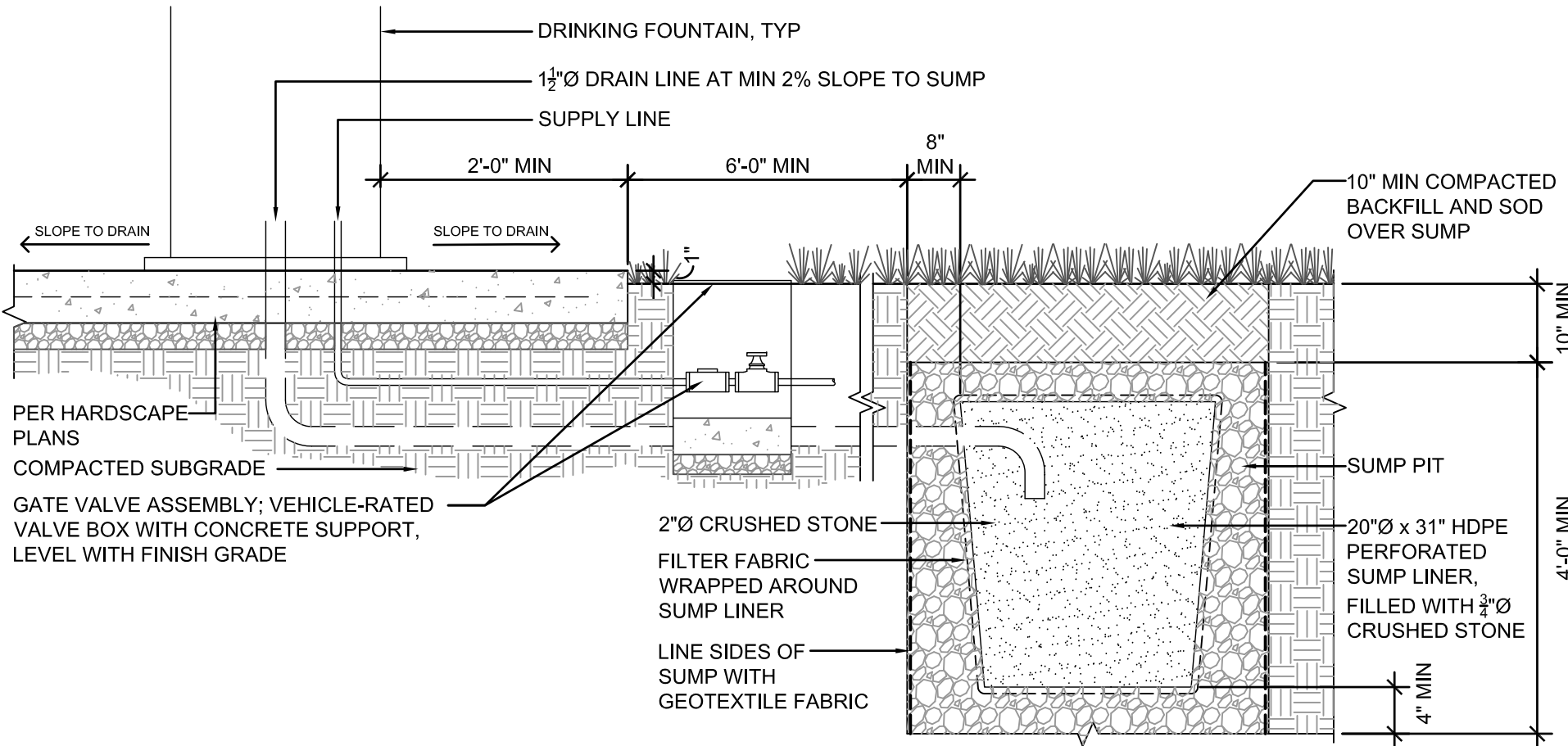
1 CONCRETE PAVING

NTS



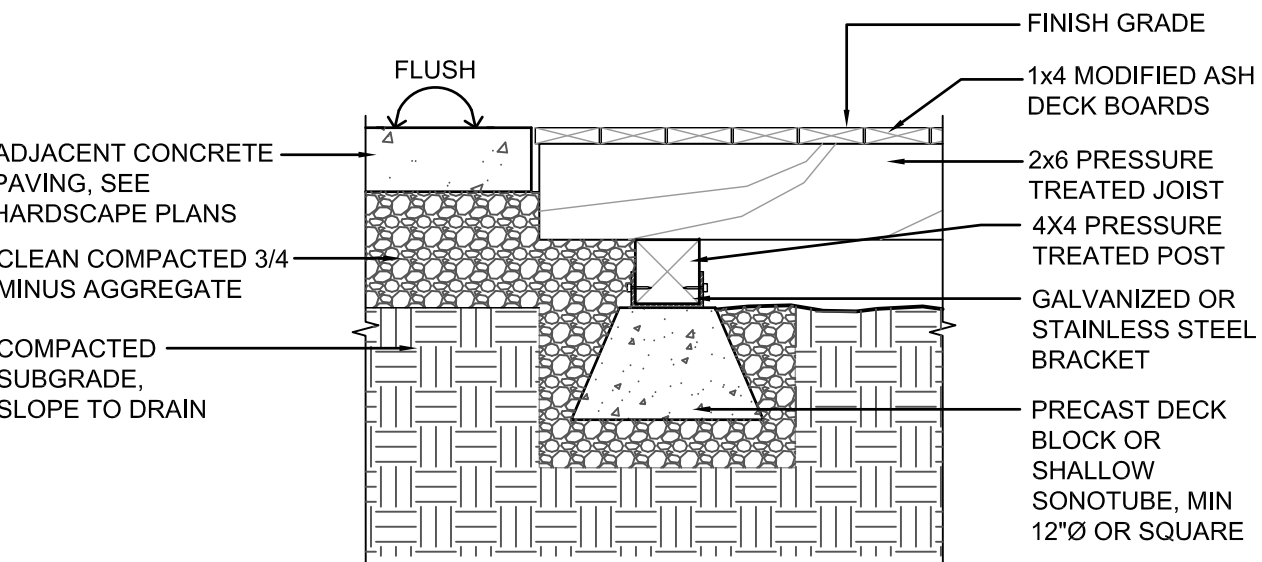
2 CONTROL JOINT

NTS



7 SUMP AT DRINKING FOUNTAIN

NTS

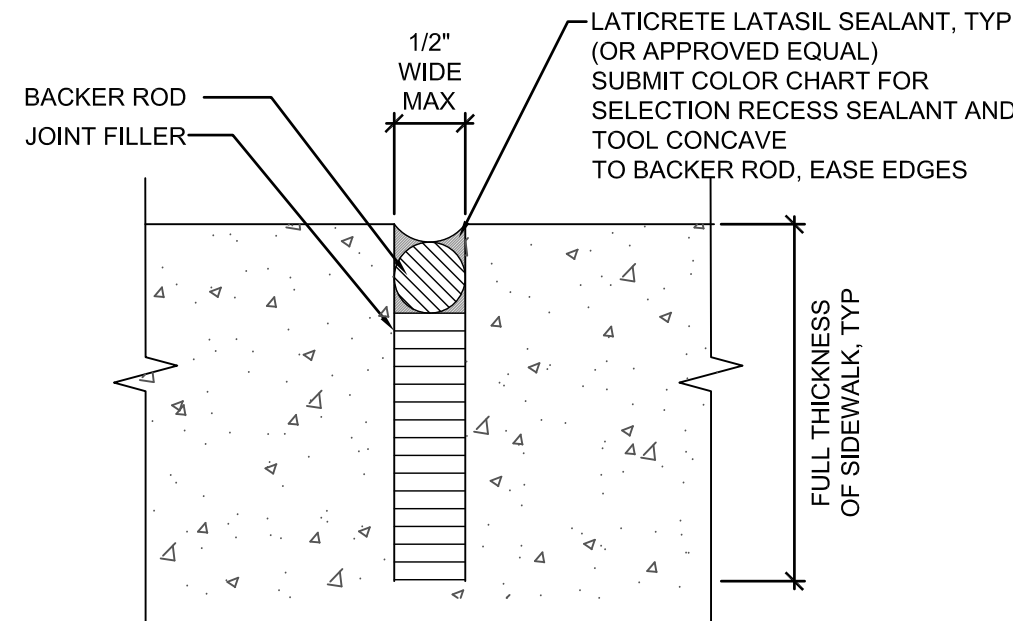


NOTES:

1. ALL MEMBERS SHALL HAVE PRE-DRILLED HOLES TO PREVENT SPLITTING DURING CONSTRUCTION
2. DECKING TO BE ATTACHED TO JOISTS USING GALVANIZED SCREWS AND HARDWARE
3. ALL WOODEN MEMBERS SHALL BE BOLTED OR SCREWED TOGETHER, NO NAIL CONNECTIONS
4. SITE SOIL PROPERTIES ARE ASSUMED TO SUPPORT FOUNDATION LOADS; REFER TO GEOTECHNICAL REPORT
5. BRACKETS AND HANGERS TO BE STAINLESS STEEL OR G90 COATED GALVANIZED; FASTENERS SHALL BE STAINLESS STEEL

5 DECK

NTS



3 EXPANSION JOINT

NTS

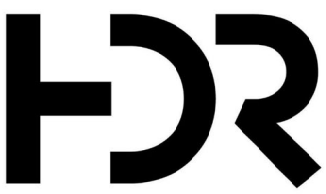
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HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
GENERAL

Scale
AS NOTED

Sheet Number
L-902

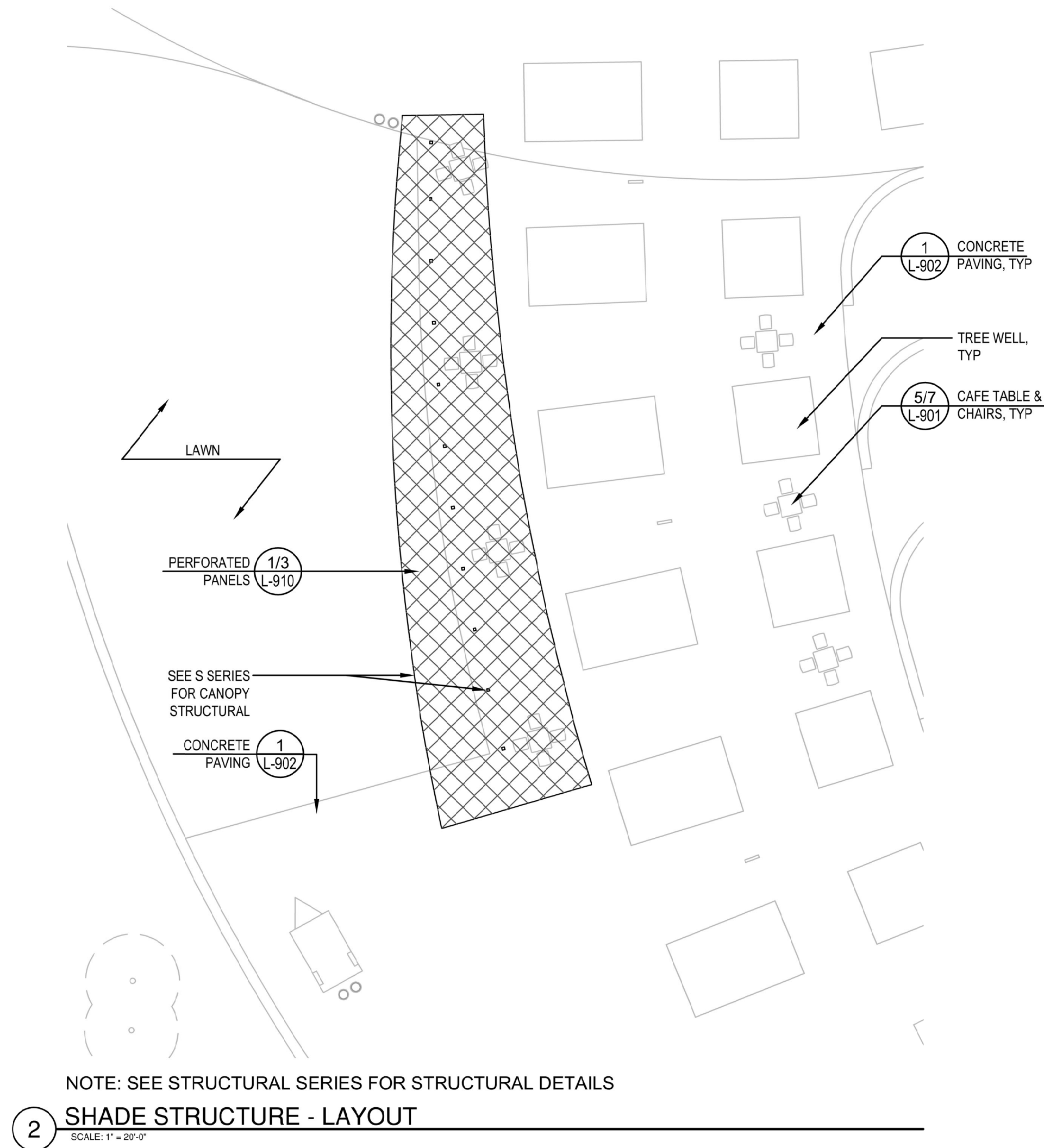


25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE



Parasoleil

6510 W 91st Ave, Suite 100
Westminster, CO 80031
(303) 589-4524
info@parasoleil.com
www.parasoleil.com

Quiet Wood® (QWD)

An old growth forest, a grove of trees behind the neighborhood, a backpacking in a national park. Think of it what you will. This has strong, organic lines that soften the architecture and, if done well, can create welcoming spaces people will want to use.

Shade Score	5/10
Privacy Score	6/10
Biomimicry Score	10/10
Structural Strength Score	5/10
Small Hole Size Score	3/10
MESH Score	5/10
Openness	24% Open

RECOMMENDED PATTERN: QUIET WOOD (C)
PANEL SIZE: 4' X 8'

1 SHADE STRUCTURE - PANEL
NTS



LASER-CUT METAL PANELS, PARASOLEIL OR SIMILAR
POWDERCOATED, WEATHERED STEEL OR ALUMINUM TO COORDINATE WITH WAYFINDING DESIGN; STEEL POWDERCOATED POSTS

3 SHADE STRUCTURE AESTHETIC
NTS



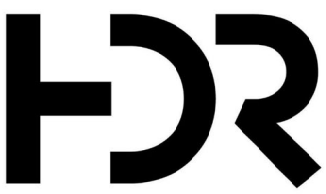
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3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
SHADE
STRUCTURE
AESTHETICS

Scale
AS NOTED

Sheet Number
L-910



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

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3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
PEDESTRIAN
BRIDGE

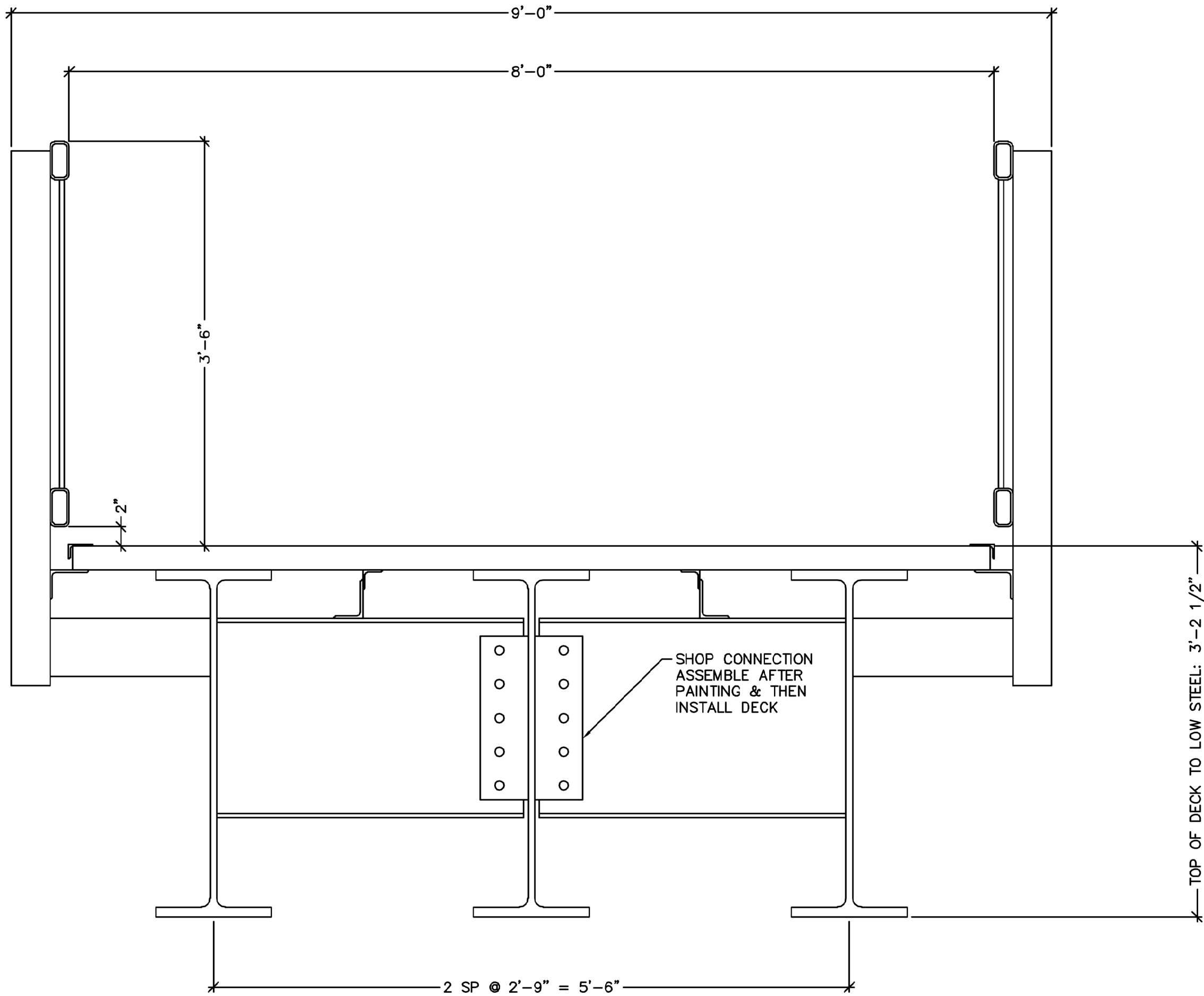
Scale
AS NOTED

Sheet Number
L-911

CONTECH BRIDGE
THE BRIDGE SHOWN HAS BEEN DESIGNED BY CONTECH ENGINEERED SOLUTIONS, LLC (CONTECH). SEE PROJECT SPECIFICATIONS FOR MORE INFORMATION. THE BRIDGE WILL BE MANUFACTURED AND SHIPPED BY CONTECH. INSTALLATION SPECIFICATIONS, SUBSTRUCTURE DESIGN, AND ASSOCIATED QUANTITIES WILL BE PROVIDED THROUGH COORDINATION WITH CONTECH. THE MATERIALS AND INSTALLATION FOR THE SUBSTRUCTURE WILL BE PROVIDED BY THE CONTRACTOR.
CONTACT CONTECH - REF PROJECT 691170, PHONE 205-306-3277

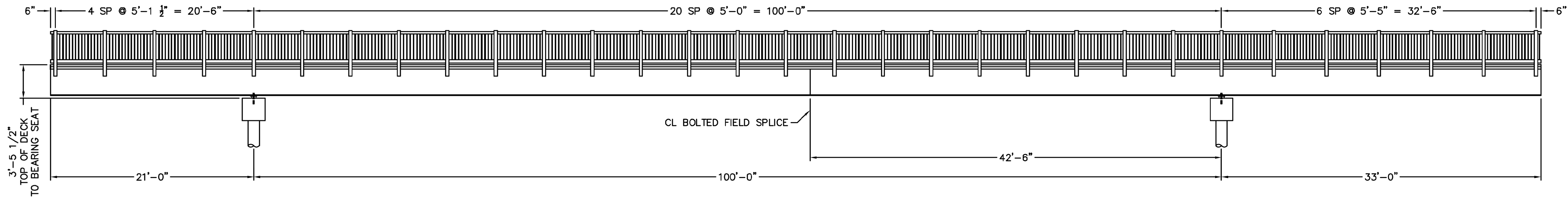


2 PRECEDENT PHOTO
NTS

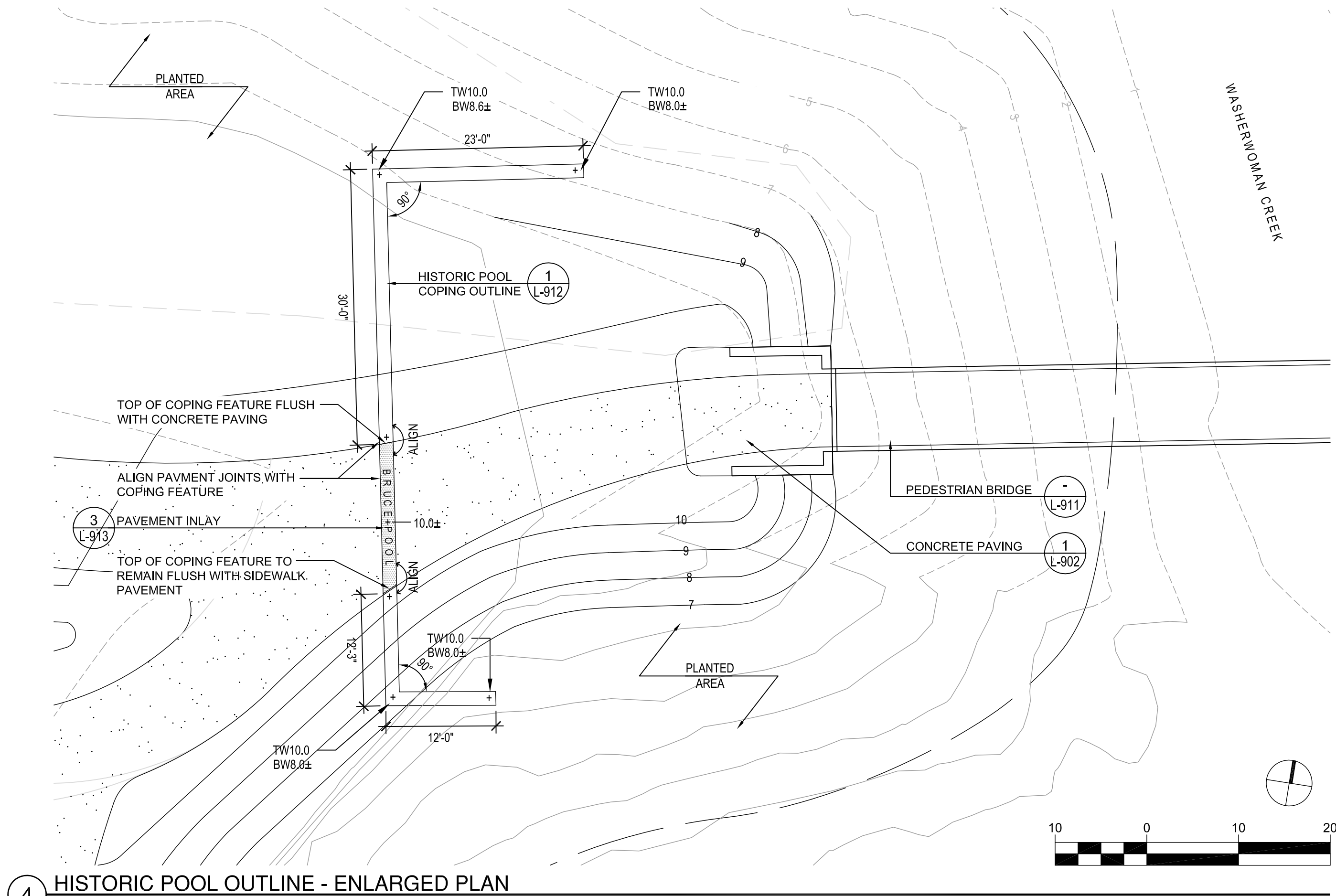


CONTECH BRIDGE
• 154' X 8' ROLLED GIRDER
• 138 MPH ASCE 7-05 WIND SPEED (PENSACOLA, FL)
• DESIGNED TO AASHTO PEDESTRIAN 90 PSF + 2,500 LB VEHICLE (SMALL UTILITY VEHICLE)

1 PEDESTRIAN BRIDGE - SECTION
NTS

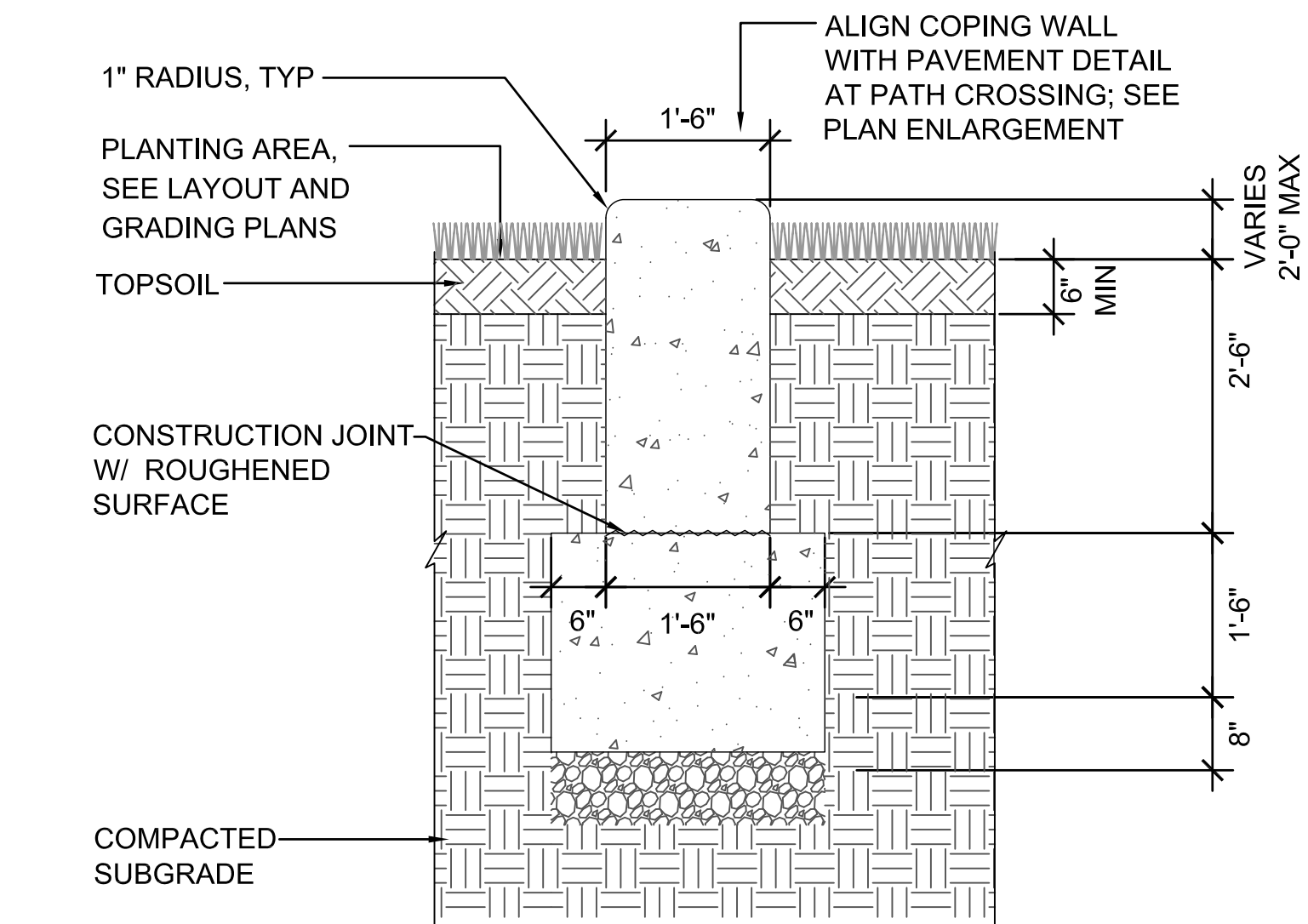


3 PEDESTRIAN BRIDGE - ELEVATION
NTS



4 HISTORIC POOL OUTLINE - ENLARGED PLAN

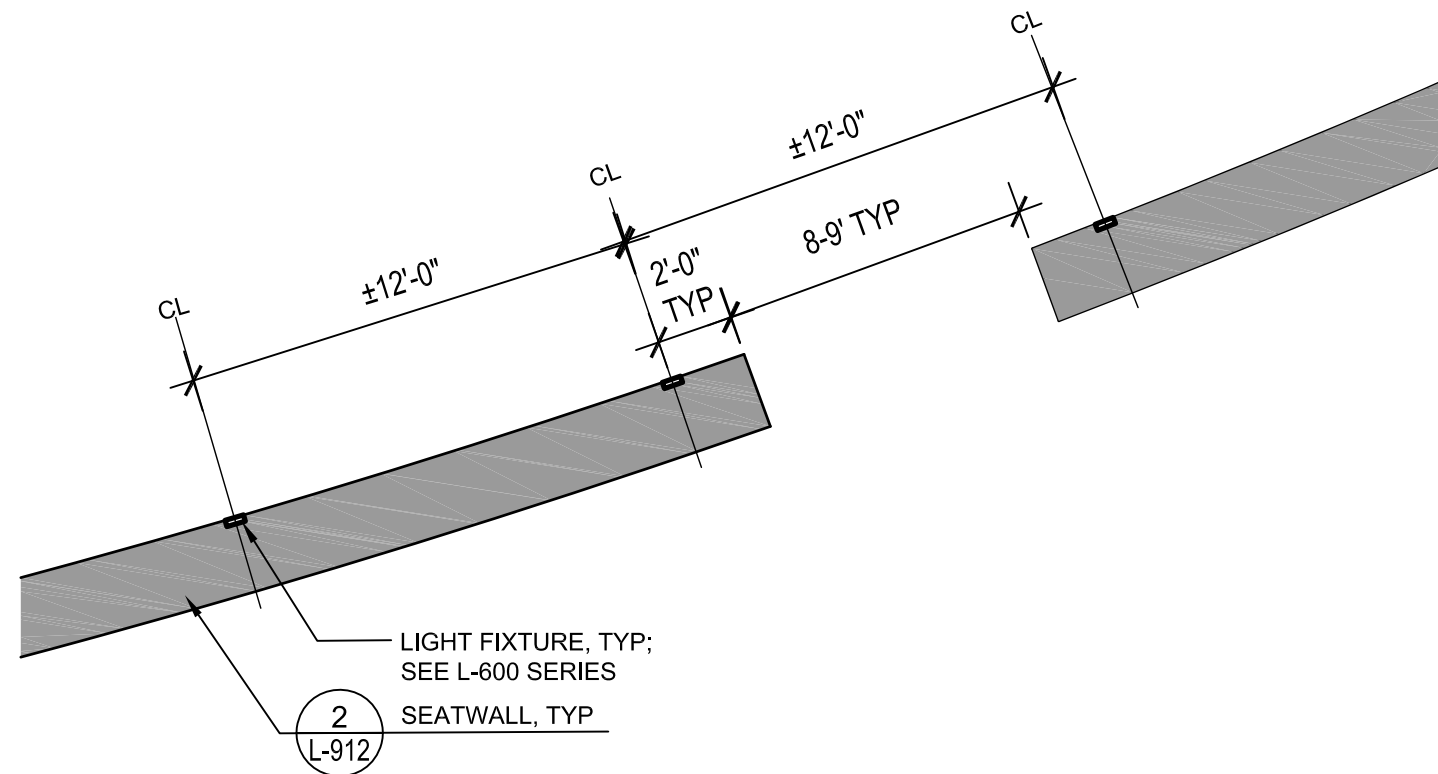
SCALE: 1" = 10'-0"



- NOTES:
- 4500 PSI CONCRETE
 - LIGHT BRUSH FINISH
 - SEE PLAN ENLARGEMENT FOR TOP OF WALL ELEVATIONS

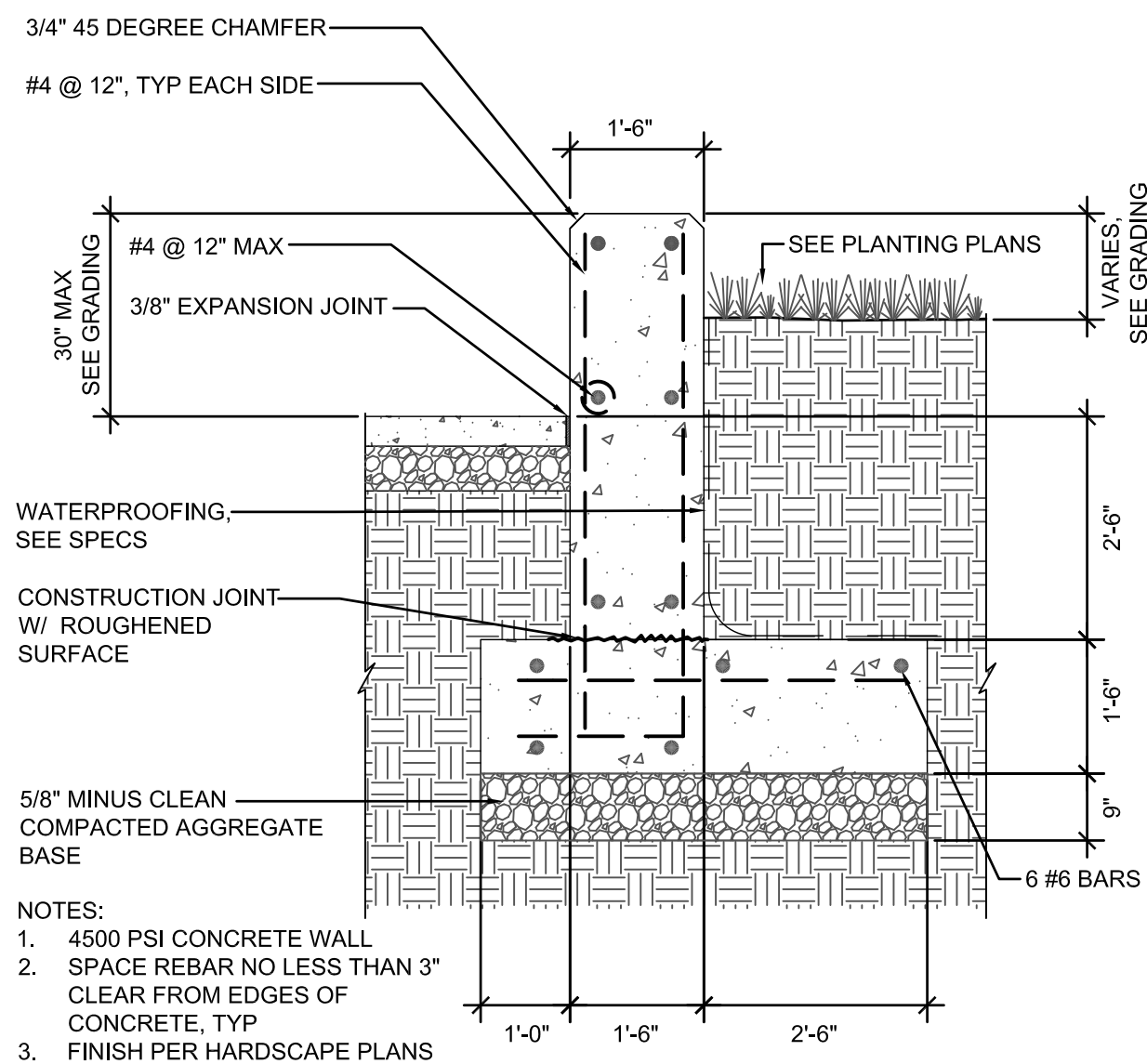
1 HISTORIC POOL COPING DETAIL AT PLANTING

SCALE: NTS



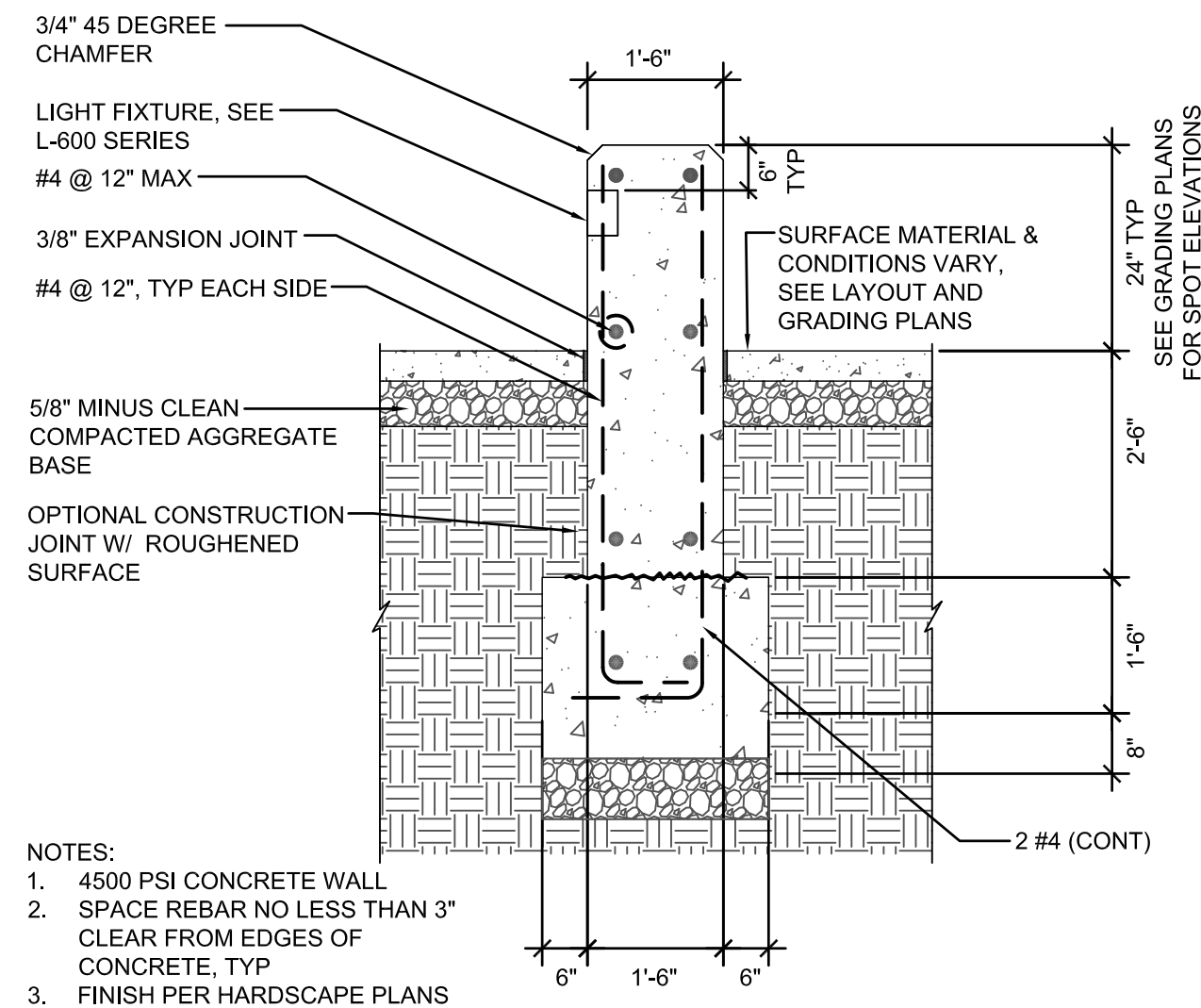
5 LIGHT FIXTURE LAYOUT AT SEATWALLS

SCALE: 1:5



3 RETAINING SEAT WALL

NTS



2 FREESTANDING SEAT WALL

NTS

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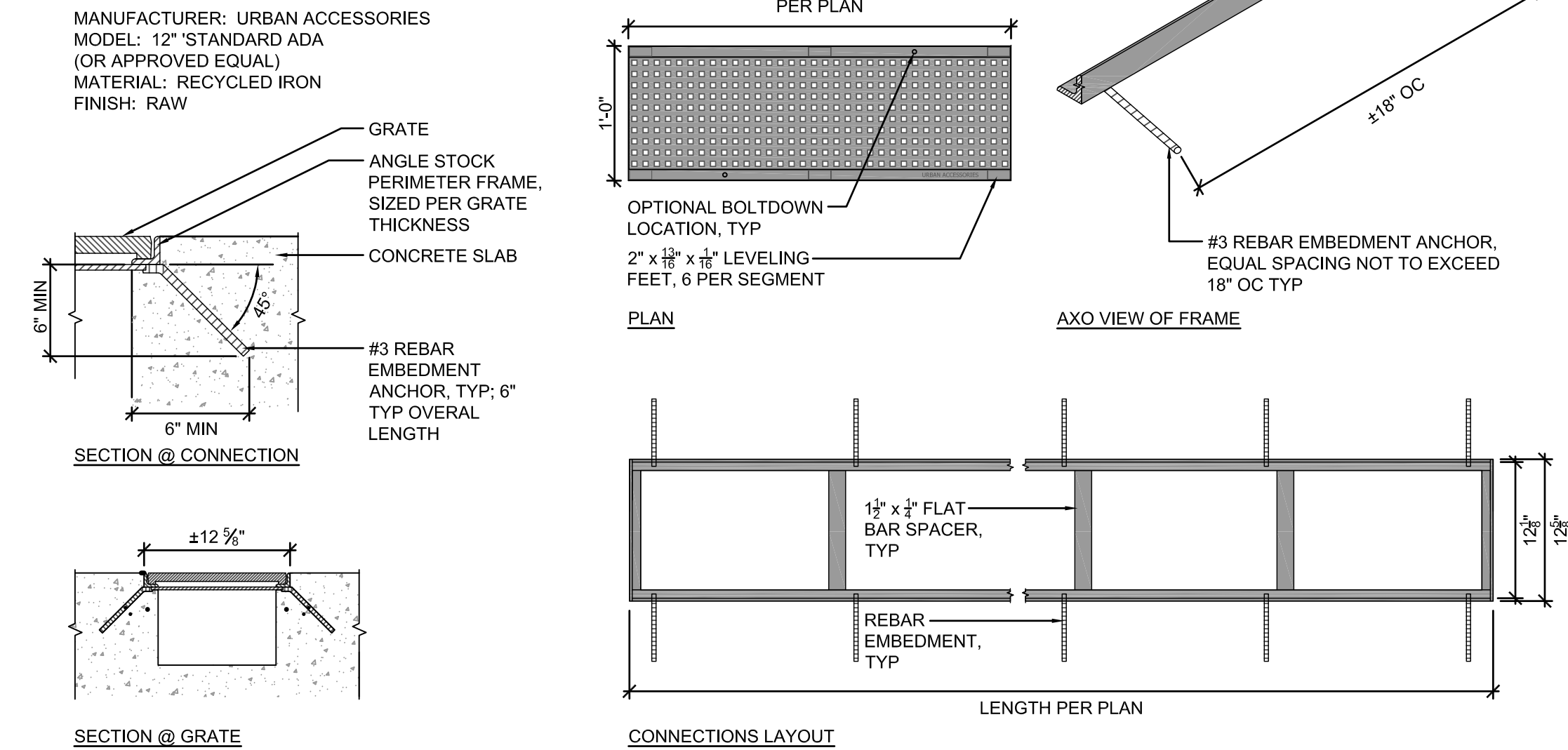
HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
PHASE 1

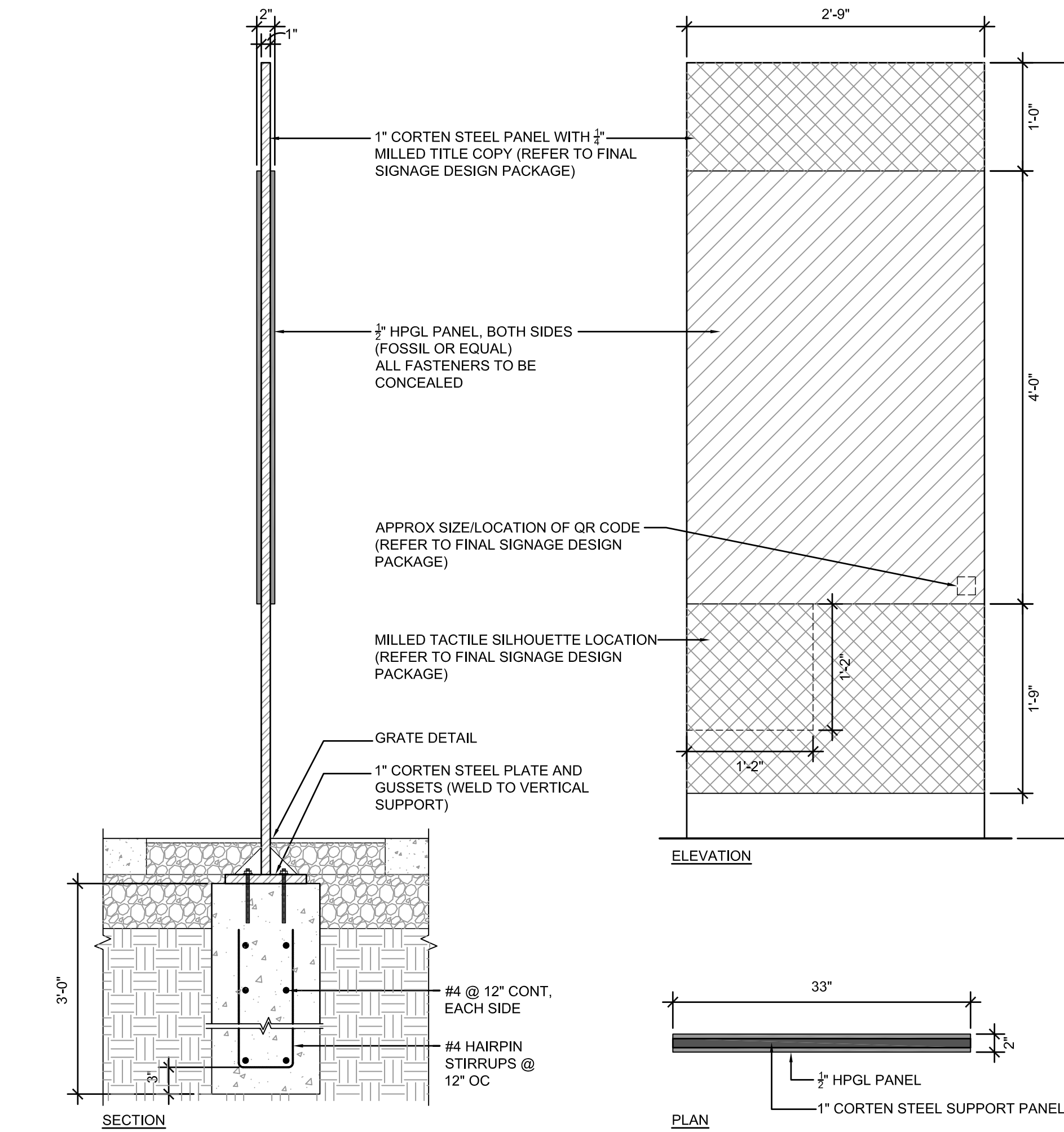
Scale
AS NOTED

Sheet Number

L-912

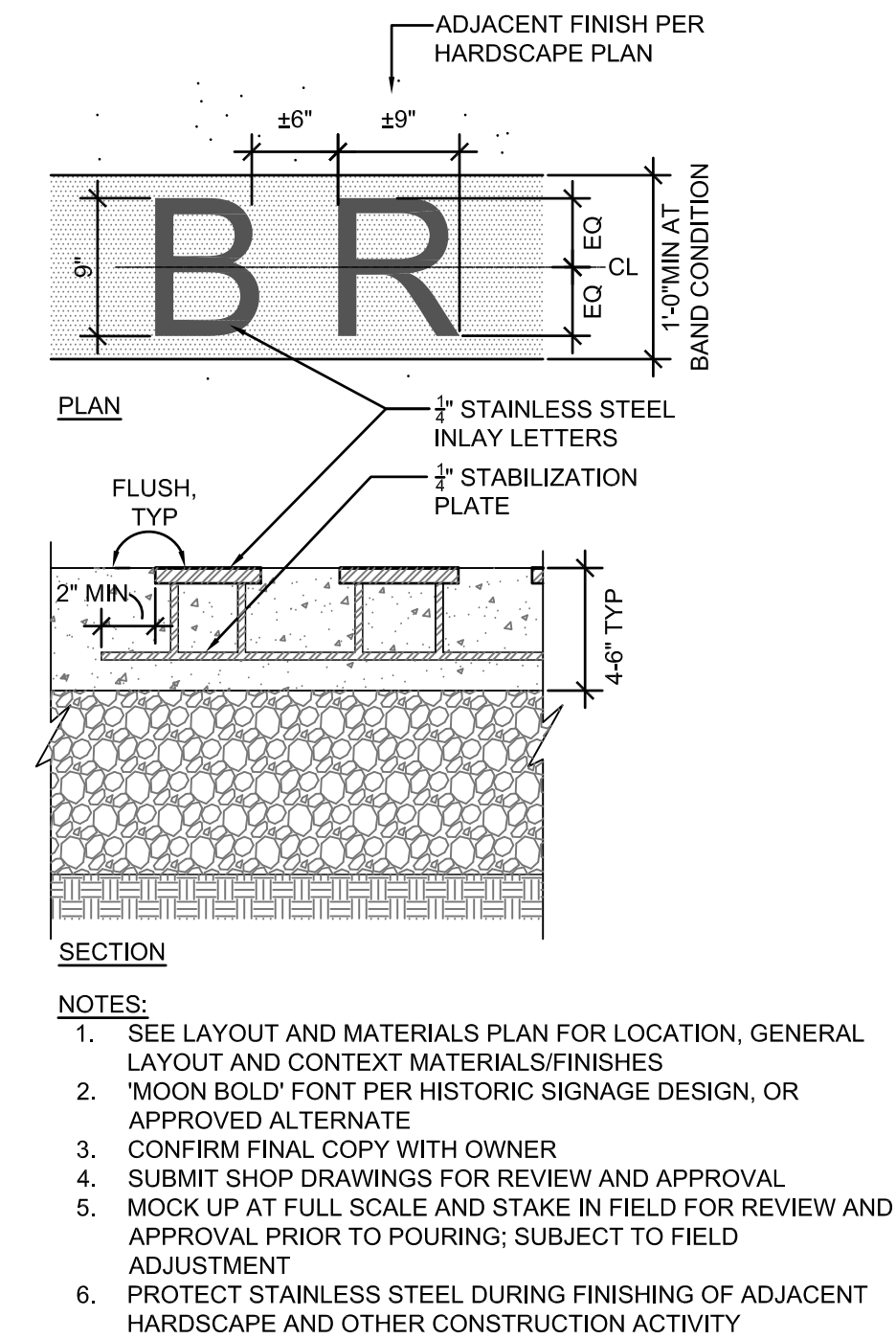


3 TRENCH GRATE
SCALE: 1" = 1'-0"

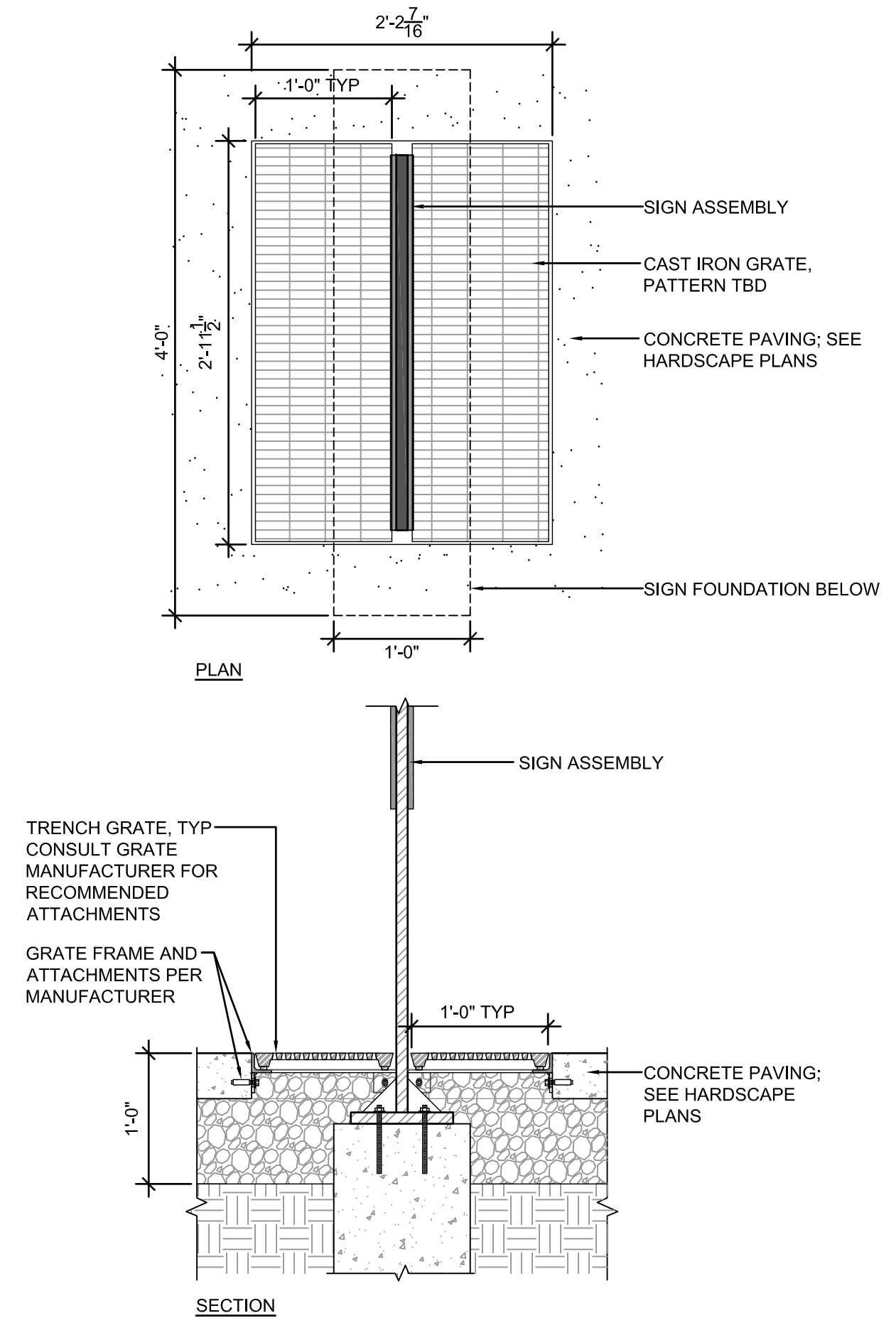


- NOTES:
- REFER TO "PENSACOLA DOWNTOWN BRUCE BEACH SIGNAGE FINAL SUBMISSION MEMO" DATED 12/22/21 FOR ALL GRAPHICS AND COPY
 - SUBMIT FINAL LAYOUT AND COPY FOR REVIEW AND APPROVAL
 - SUBMIT SHOP DRAWINGS AND MATERIAL SAMPLES FOR REVIEW AND APPROVAL
 - STAKE LOCATIONS FOR REVIEW AND APPROVAL; SUBJECT TO FIELD ADJUSTMENTS

4 HISTORY SIGNAGE
SCALE: 1" = 1'-0"



1 PAVING INLAY
SCALE: 1" = 1'-0"



2 GRATE DETAIL AT SIGNAGE
SCALE: 1" = 1'-0"



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

DATE	DESCRIPTION
9/10/2021	30% DESIGN DEVELOPMENT
11/5/2021	60% DESIGN DEVELOPMENT
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
SITE DETAILS -
SIGNAGE

Scale
AS NOTED

Sheet Number
L-913

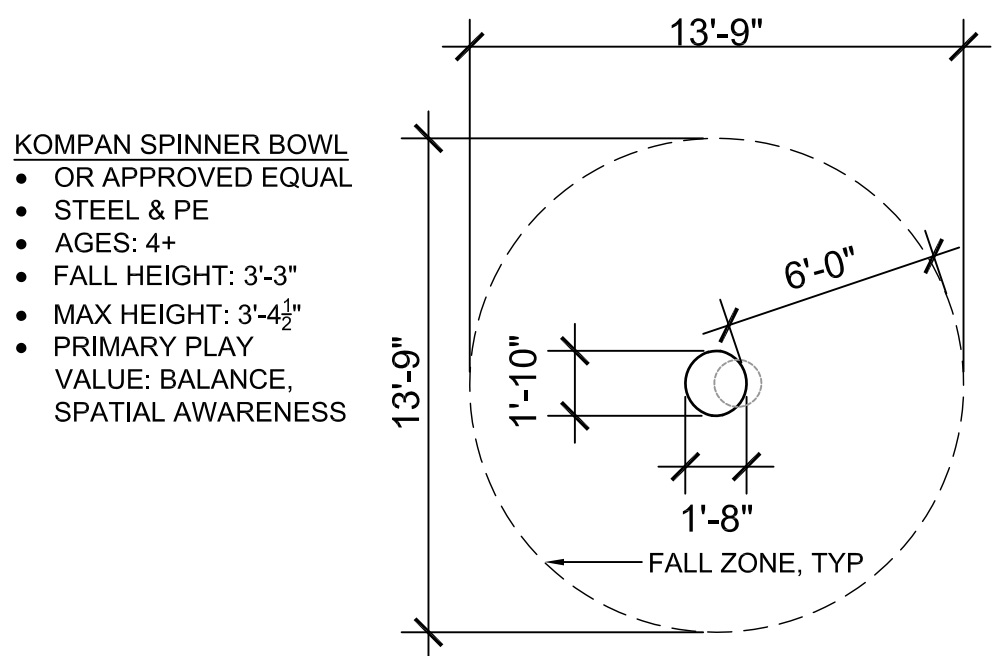
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HDR Project Number: 10279441

Sheet Name
**LEARNING GARDEN
ENLARGED PLAN**

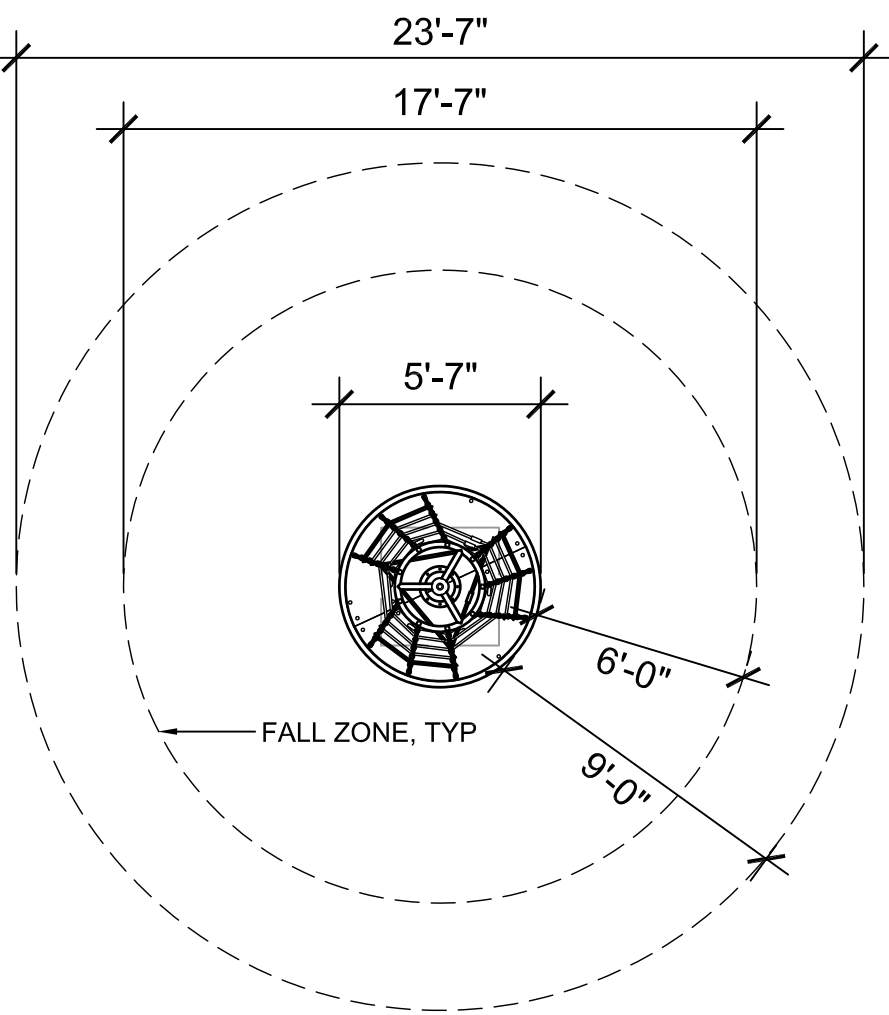
Scale
AS NOTED

Sheet Number
L-950



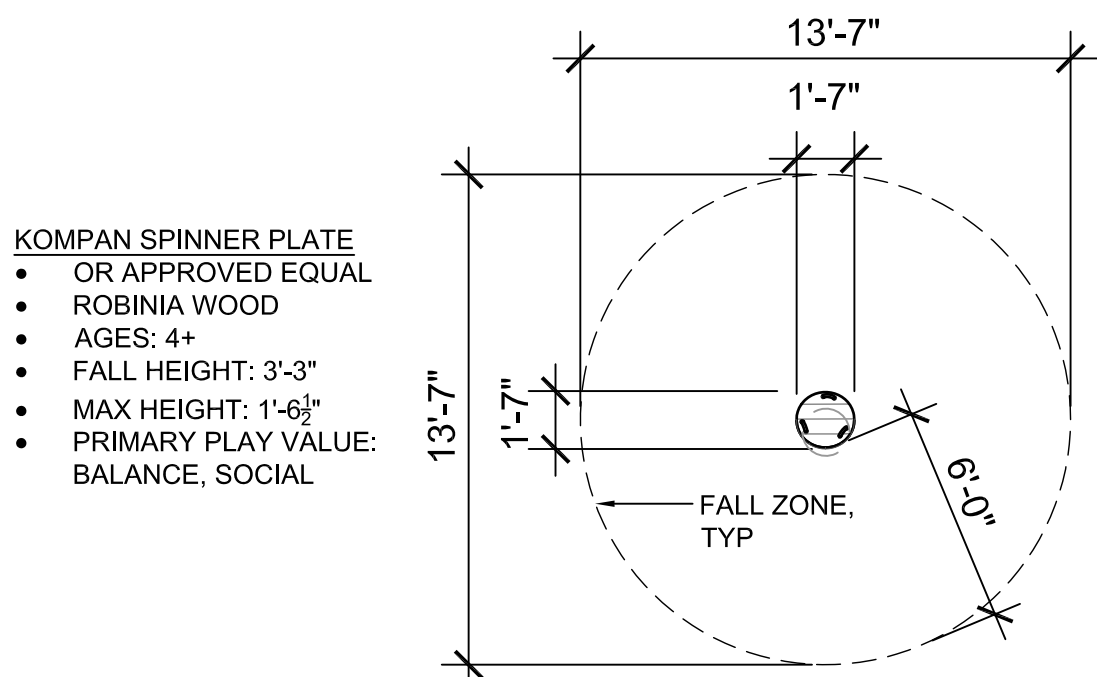
- KOMPAN SPINNER BOWL**
- OR APPROVED EQUAL
 - STEEL & PE
 - AGES: 4+
 - FALL HEIGHT: 3'-3"
 - MAX HEIGHT: 3'-4½"
 - PRIMARY PLAY VALUE: BALANCE, SPATIAL AWARENESS

2 SPINNER BOWL
NTS



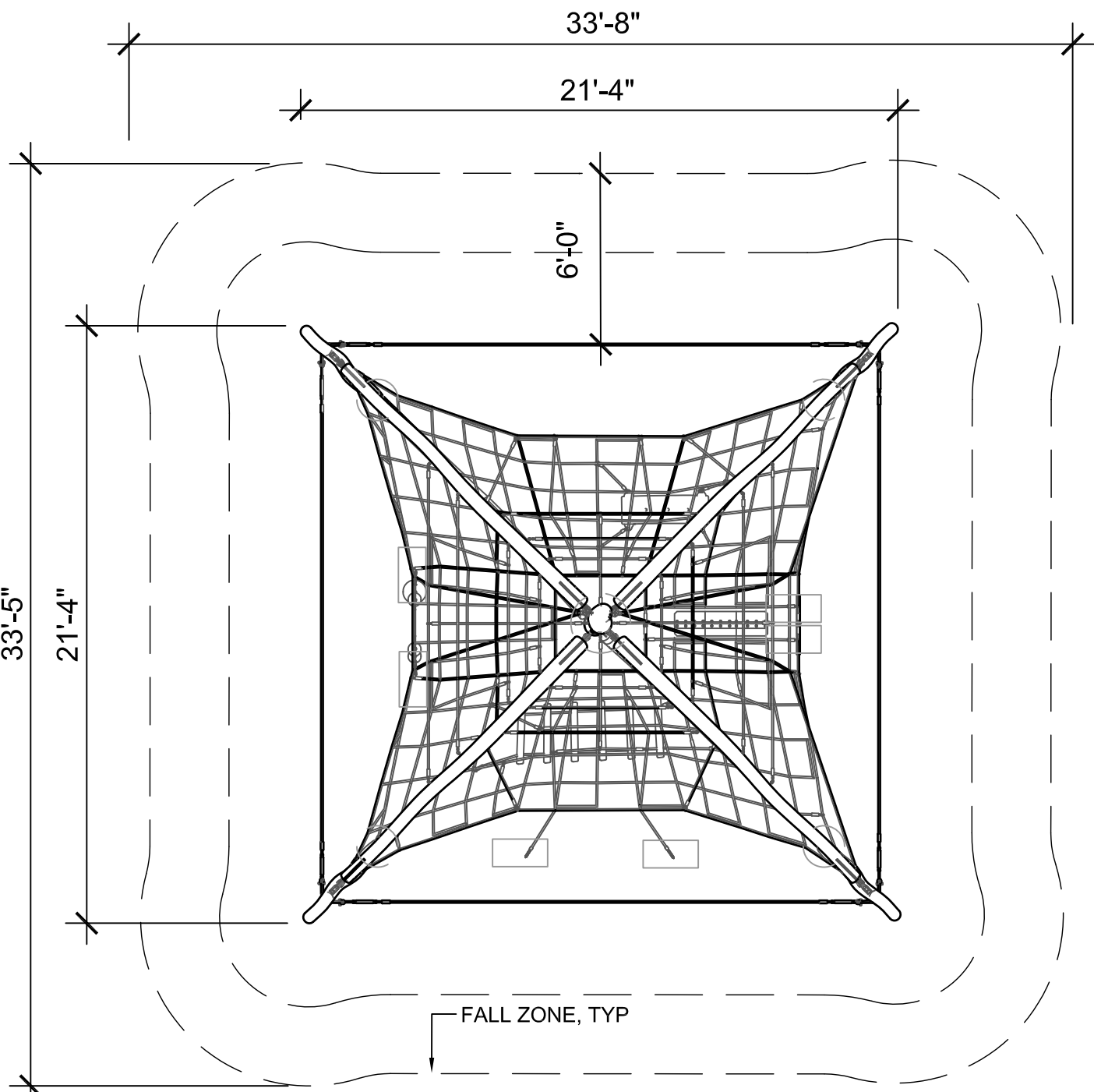
- KOMPAN NET SPINNER**
- OR APPROVED EQUAL
 - AGES: 5+
 - MAX HEIGHT: 3'-4½"
 - PRIMARY PLAY VALUE: BALANCE, SOCIAL, SPATIAL AWARENESS

3 NET SPINNER
NTS



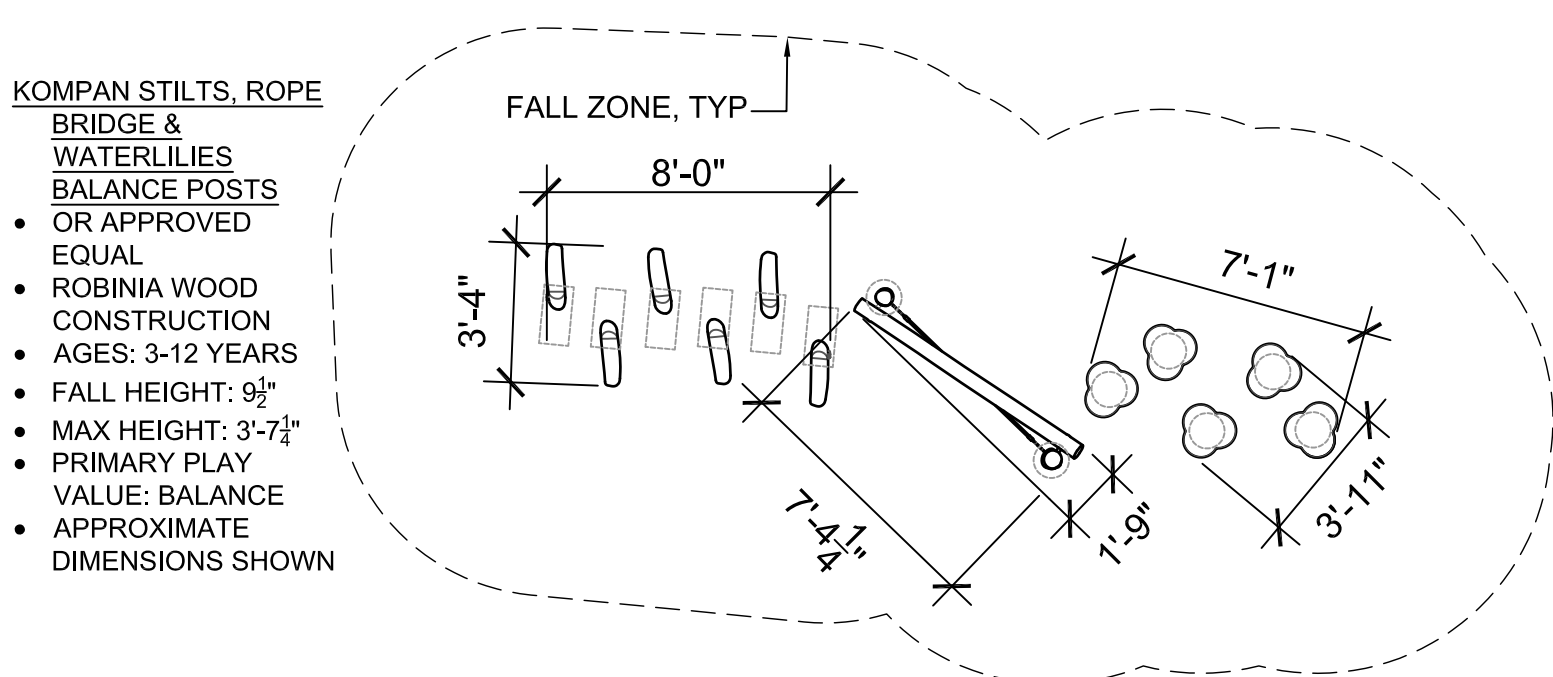
- KOMPAN SPINNER PLATE**
- OR APPROVED EQUAL
 - ROBINIA WOOD
 - AGES: 4+
 - FALL HEIGHT: 3'-3"
 - MAX HEIGHT: 1'-6½"
 - PRIMARY PLAY VALUE: BALANCE, SOCIAL

4 SPINNER PLATE
NTS



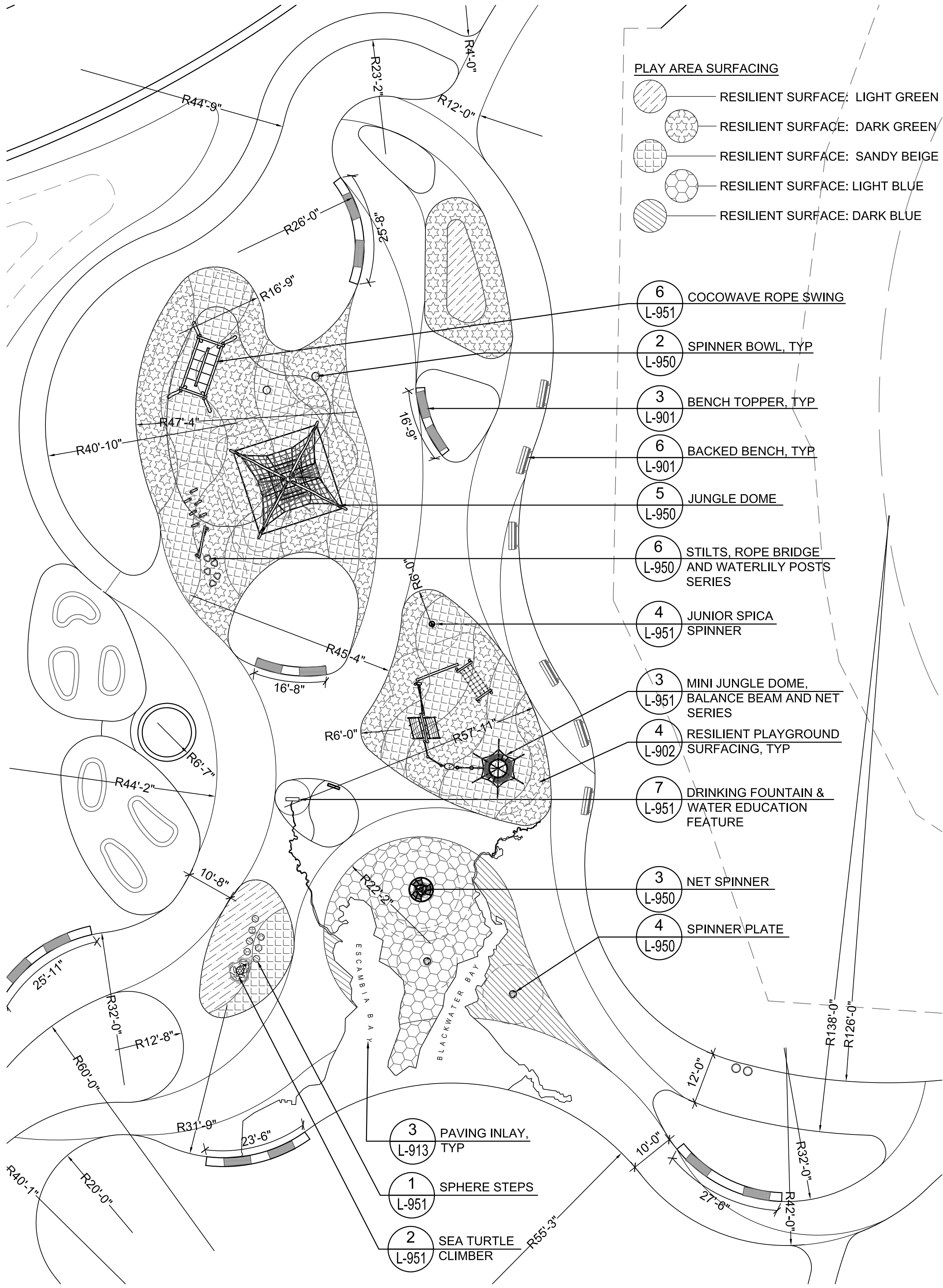
- KOMPAN JUNGLE DOME**
- OR APPROVED EQUAL
 - ROBINIA WOOD CONSTRUCTION
 - AGES: 5-12 YEARS
 - FALL HEIGHT: 7'-10"
 - MAX HEIGHT: 19'-6"
 - PRIMARY PLAY VALUE: IMAGINATION, CLIMBING
 - APPROXIMATE DIMENSIONS SHOWN

5 JUNGLE DOME CLIMBER
NTS



- KOMPAN STILTS, ROPE BRIDGE & WATERLILIES BALANCE POSTS**
- OR APPROVED EQUAL
 - ROBINIA WOOD CONSTRUCTION
 - AGES: 3-12 YEARS
 - FALL HEIGHT: 9½"
 - MAX HEIGHT: 3'-7½"
 - PRIMARY PLAY VALUE: BALANCE
 - APPROXIMATE DIMENSIONS SHOWN

6 STILTS, ROPE BRIDGE, AND WATERLILY POSTS SERIES
NTS

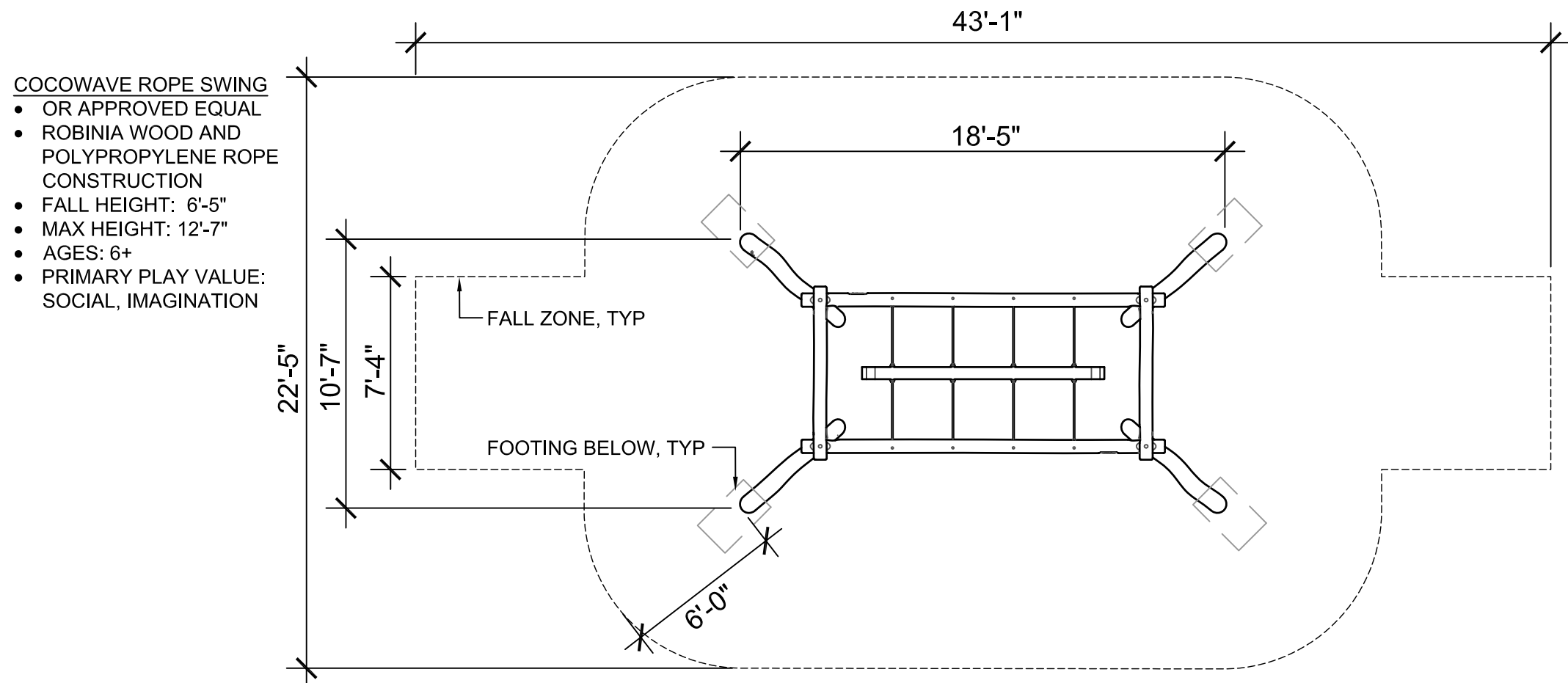


- PLAY AREA SURFACING**
- RESILIENT SURFACE: LIGHT GREEN
 - RESILIENT SURFACE: DARK GREEN
 - RESILIENT SURFACE: SANDY BEIGE
 - RESILIENT SURFACE: LIGHT BLUE
 - RESILIENT SURFACE: DARK BLUE

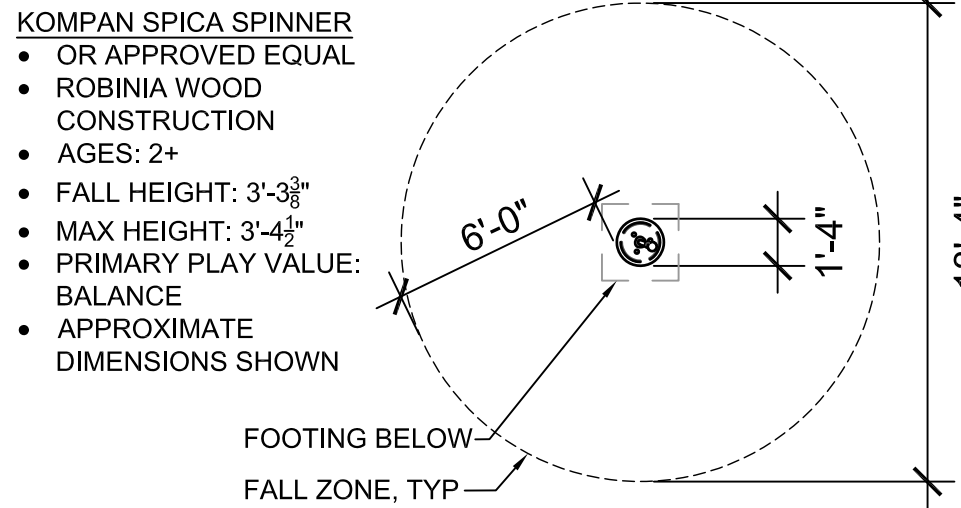
- 6 COCOWAVE ROPE SWING
- 2 SPINNER BOWL, TYP
- 3 BENCH TOPPER, TYP
- 6 BACKED BENCH, TYP
- 5 JUNGLE DOME
- 6 STILTS, ROPE BRIDGE AND WATERLILY POSTS SERIES
- 4 JUNIOR SPICA SPINNER
- 3 MINI JUNGLE DOME, BALANCE BEAM AND NET SERIES
- 4 RESILIENT PLAYGROUND SURFACING, TYP
- 7 DRINKING FOUNTAIN & WATER EDUCATION FEATURE
- 3 NET SPINNER
- 4 SPINNER PLATE

- 3 PAVING INLAY, TYP
- 1 SPHERE STEPS
- 2 SEA TURTLE CLIMBER

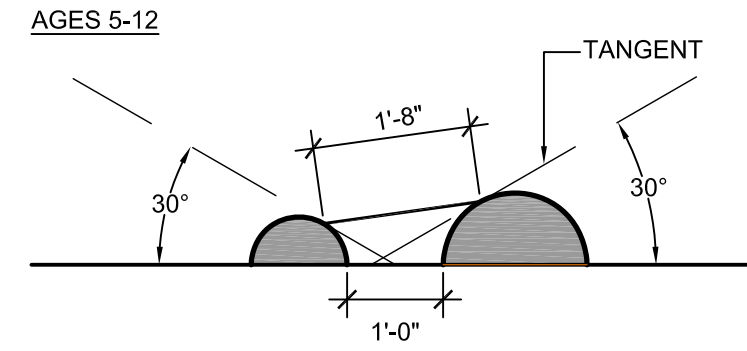
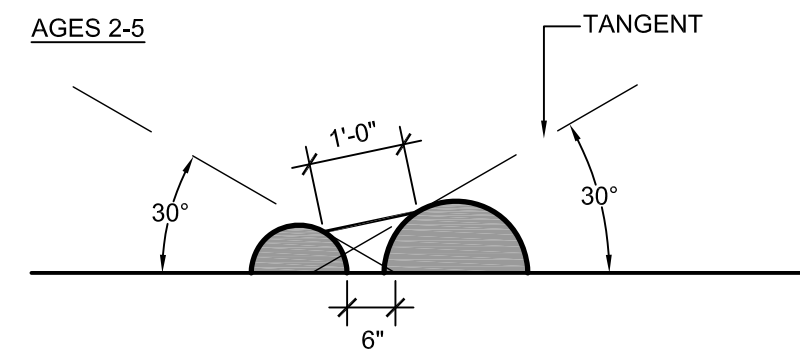
1 PLAN ENLARGEMENT
1/16" = 1'-0"



6 COCOWAVE ROPE SWING
NTS

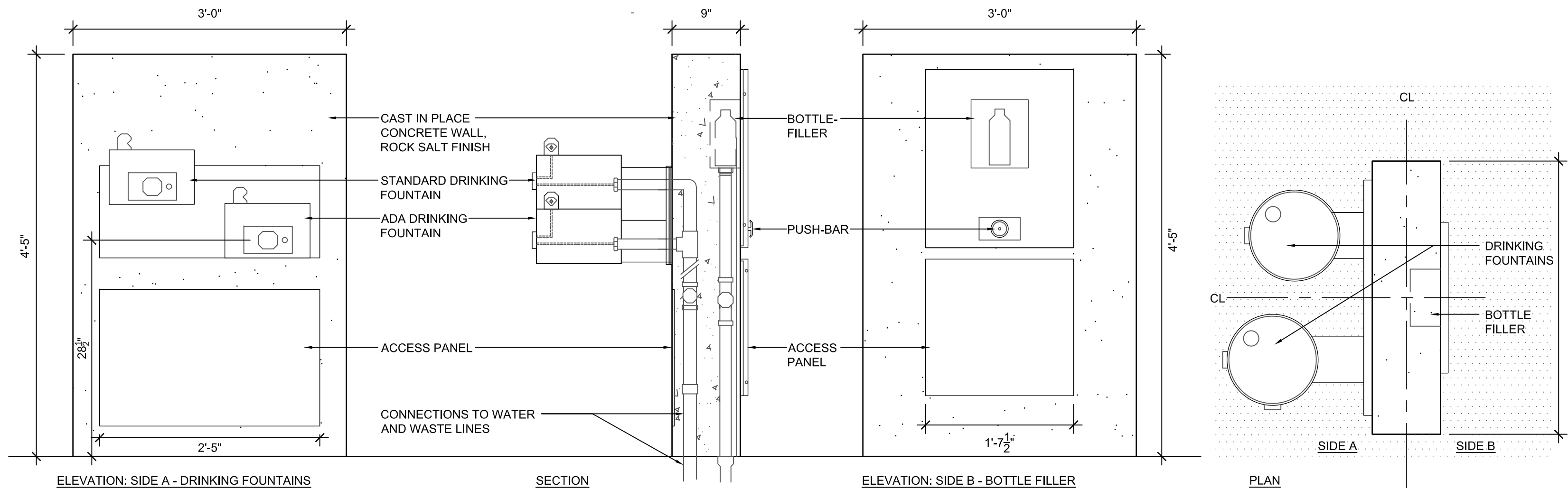


4 JUNIOR SPICA SPINNER
NTS

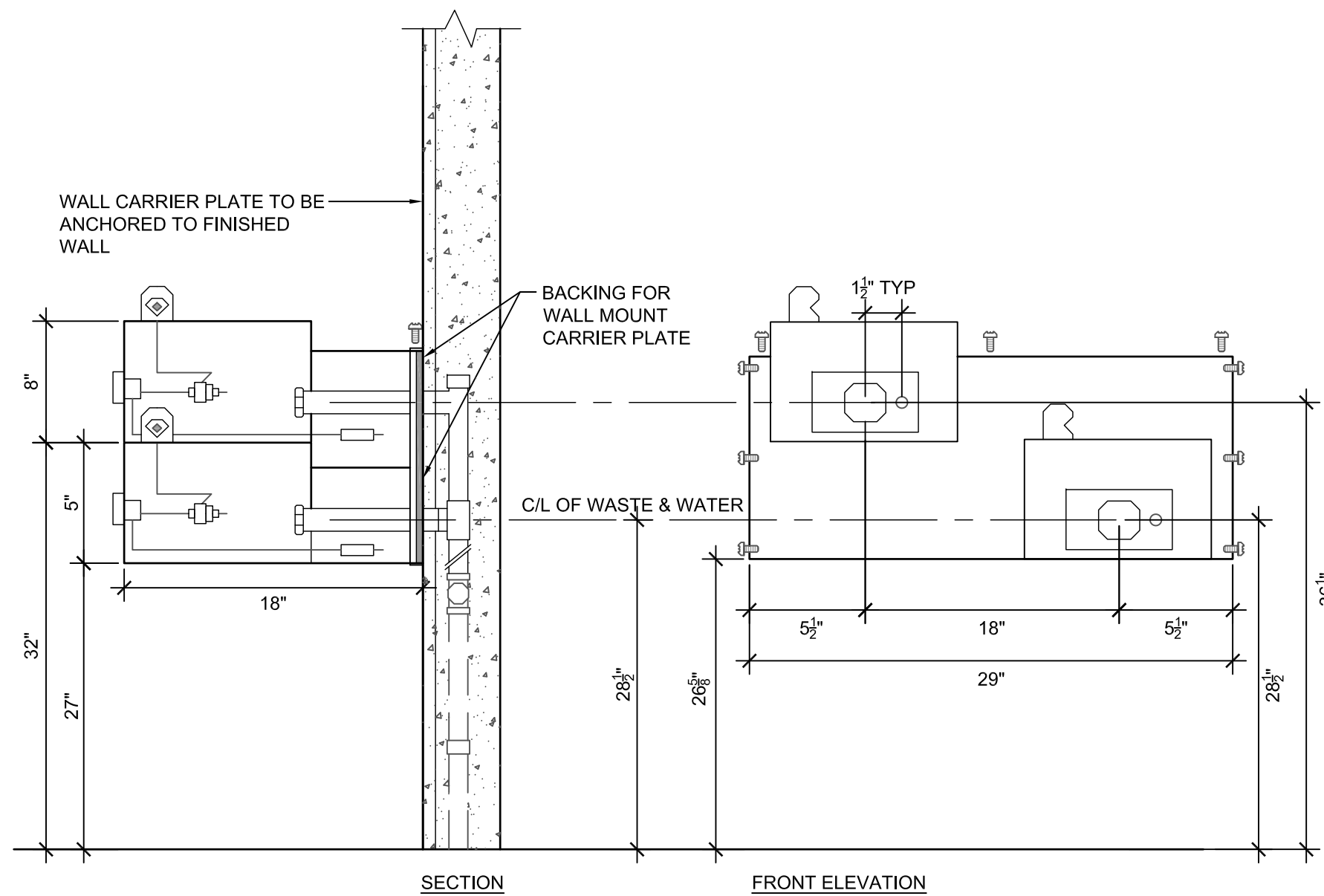


POURED-IN-PLACE RESILIENT SURFACING HALF-SPHERES
• AGES: 2+
• SEE PLAN FOR COLOR AND LOCATION
• PRIMARY PLAY VALUE: BALANCE, SOCIAL, SPATIAL AWARENESS

1 SPHERE STEPS
NTS

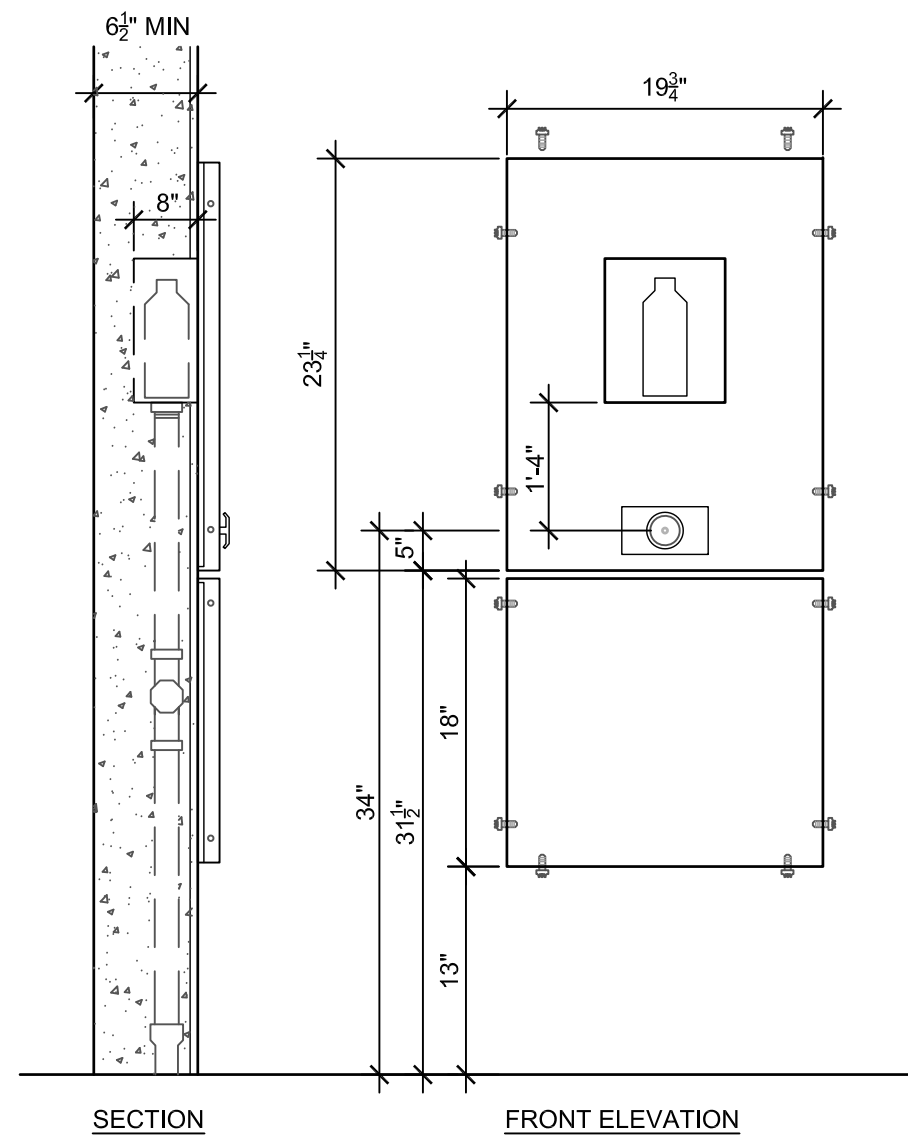


7 DRINKING FOUNTAIN / WATER FEATURE
1/16" = 1'-0"



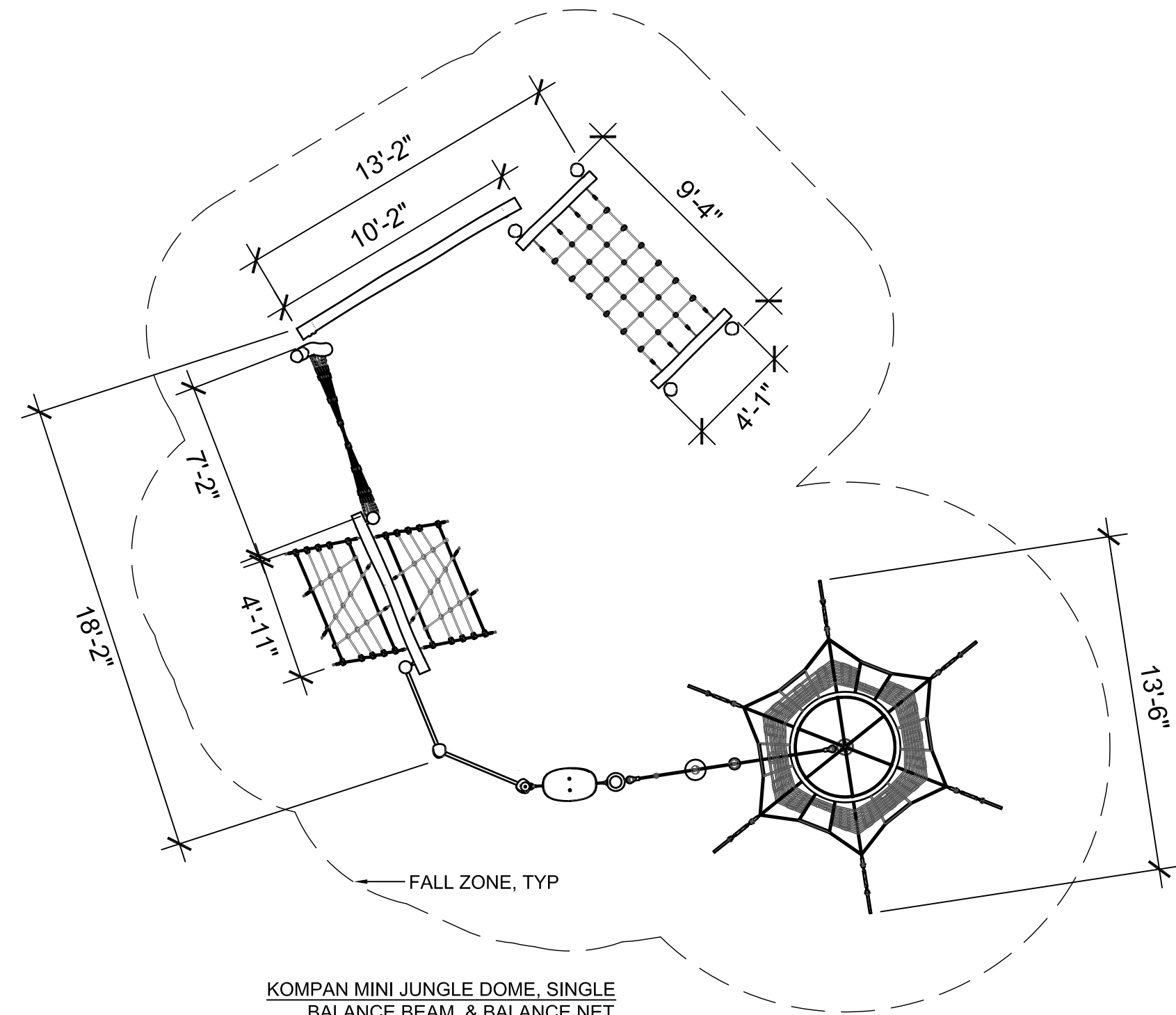
NOTES:
1. INSTALLATION PER MANUFACTURER'S SPECIFICATION - CONSULT REGARDING TWO-SIDED FIXTURE INSTALLATION AND PROVIDE SHOP DRAWINGS FOR REVIEW & APPROVAL
2. COORDINATE INSTALLATION WITH BOTTLE FILLER AND SHARE LINES AS FEASIBLE; SUBMIT SHOP DRAWINGS
3. MDF MODEL 485 EZ WM OR APPROVED EQUAL; 'CHROME' POWDERCOAT

8 DRINKING FOUNTAIN PANEL
1/2" = 1'-0"



NOTES:
1. INSTALLATION PER MANUFACTURER'S SPECIFICATION - CONSULT REGARDING TWO-SIDED FIXTURE INSTALLATION AND PROVIDE SHOP DRAWINGS FOR REVIEW & APPROVAL
2. COORDINATE INSTALLATION WITH DUAL DRINKING FOUNTAIN FIXTURE AND SHARE LINES AS FEASIBLE; SUBMIT SHOP DRAWINGS
3. MDF MODEL 10175FMSS OR APPROVED EQUAL; 'CHROME' POWDERCOAT

5 BOTTLE FILLER PANEL
1/2" = 1'-0"



KOMPAN MINI JUNGLE DOME, SINGLE BALANCE BEAM, & BALANCE NET
• OR APPROVED EQUAL
• CUSTOMIZED
• ROBINIA WOOD
• AGES: 2-5
• PRIMARY PLAY VALUE: EARLY CLIMBING, BALANCE, SOCIAL
• APPROXIMATE DIMENSIONS SHOWN

3 MINI JUNGLE DOME, BALANCE BEAM AND BALANCE NET SERIES
NTS



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PHASE ONE

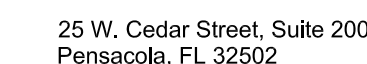
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Sheet Name
LEARNING GARDEN
DETAILS

Scale
AS NOTED

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L-951



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

HDR Project Number: 1027944

Sheet Name
LEARNING GARDEN
ENLARGED PLAN -
ALTERNATE

Scale
AS NOTED

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L-952



2 LOG PILE 8.2
3/16" = 1'-0"



3 FOREST DUO TOWER
3/16" = 1'-0"



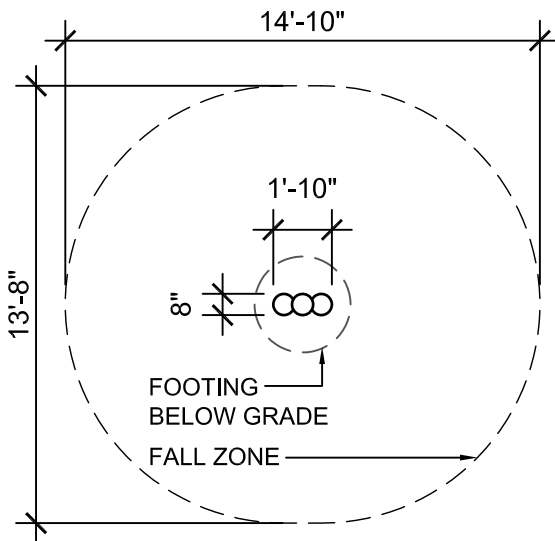
-
- WOOD CARPET: NATURAL
- RESILIENT SURFACE: LIGHT GREEN
- RESILIENT SURFACE: DARK GREEN
- RESILIENT SURFACE: SANDY BEIGE
- RESILIENT SURFACE: LIGHT BLUE
- RESILIENT SURFACE: DARK BLUE

-
- 6 BACKED BENCH, TYP
L-901
- 3 BENCH TOPPER, TYP
L-901
- 1 STEPPER CLUSTER
L-953
- 3 FOREST DUO
L-952
- 6 BOG STILTS,
TYP
L-953
- 4 LOG PILE
L-952
- 7 DRINKING FOUNTAIN &
WATER EDUCATION FEATURE
L-953
- 3 FOREST HUT
L-953
- 2 SEA TURTLE CLIMBER
L-953

- 3 PAVING INLAY,
L-913 TYP
- 4 LEAF WOBBLE
L-953 BOARD, TYP

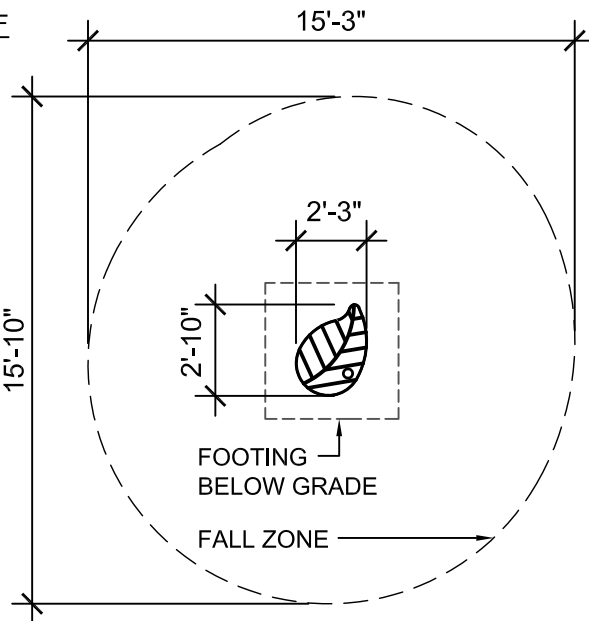
1 PLAN ENLARGEMENT
1/16" = 1'-0"

- EARTHSCAPE BOG STILTS
- OR APPROVED EQUAL
 - ROBINIA WOOD
 - CONSTRUCTION
 - AGES: 2-12 YEARS
 - FALL HEIGHT: 2'-6" MAX
 - HEIGHT: 10'-0"
 - PRIMARY PLAY VALUE: BALANCE, MOVEMENT
 - SEE PLAN ENLARGEMENT FOR SURROUNDING HARDSCAPE MATERIAL AND COLOR



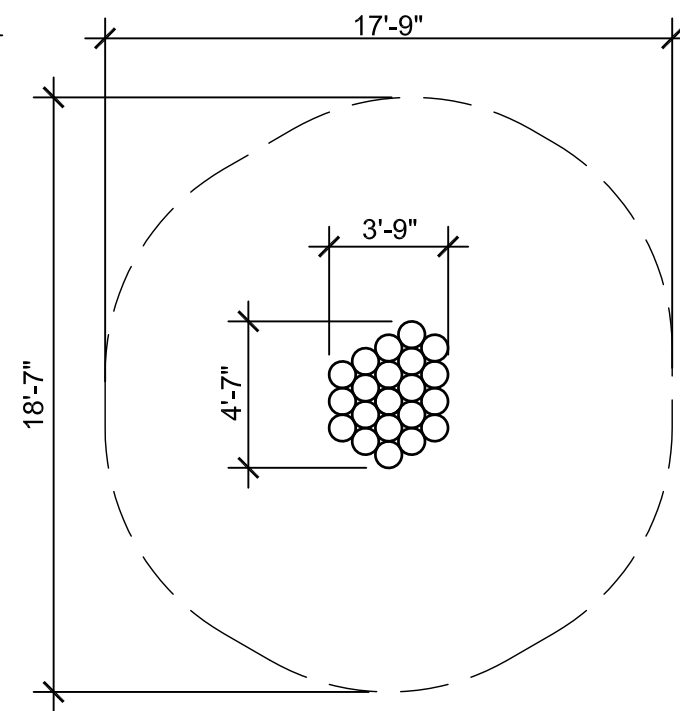
6 BOG STILTS

- EARTHSCAPE WOBBLE BOARD - LEAF
- OR APPROVED EQUAL
 - PLYWOOD & ACCOYA WOOD
 - CONSTRUCTION
 - FINISH/COLOR TBD
 - AGES: 5-12 YEARS
 - FALL HEIGHT: 1'-3"
 - MAX HEIGHT: 1'-3"
 - PRIMARY PLAY VALUE: SPATIAL PERCEPTION, BALANCE
 - SEE PLAN ENLARGEMENT FOR SURROUNDING HARDSCAPE MATERIAL AND COLOR

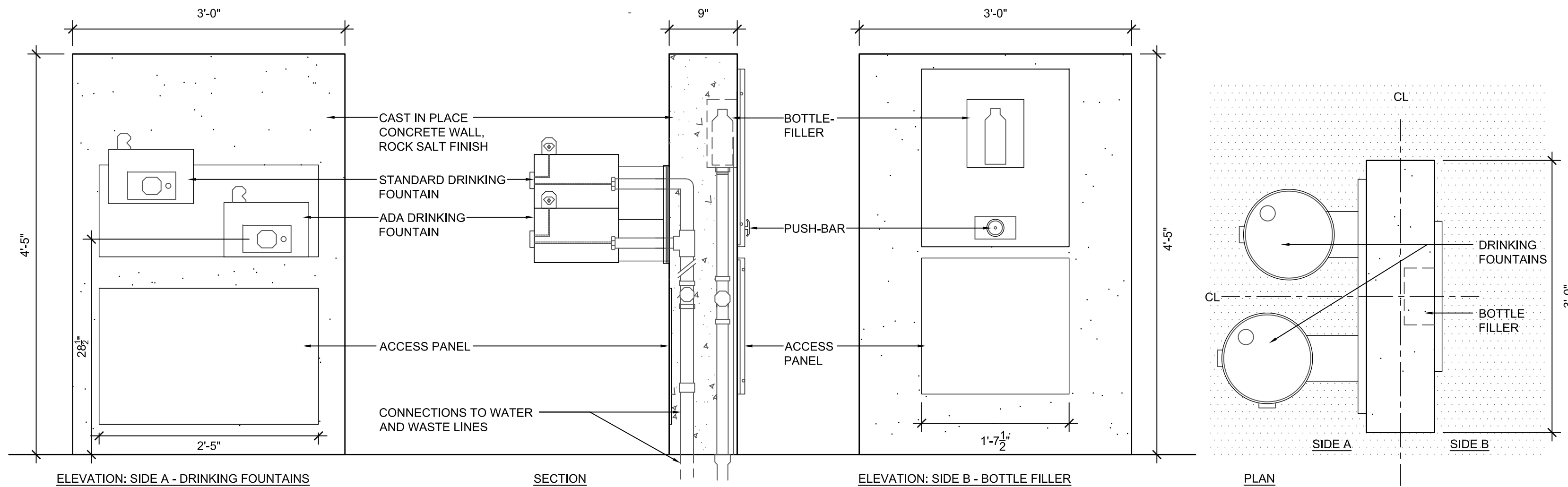


4 LEAF WOBBLE BOARD

- EARTHSCAPE STEPPER CLUSTER 1
- OR APPROVED EQUAL
 - WHITE OAK CONSTRUCTION
 - AGES: 5-2 YEARS
 - FALL HEIGHT: 2'-0"
 - MAX HEIGHT: 7'-0"
 - PRIMARY PLAY VALUE: STEPPING, JUMPING
 - SEE PLAN ENLARGEMENT FOR SURROUNDING HARDSCAPE MATERIAL AND COLOR

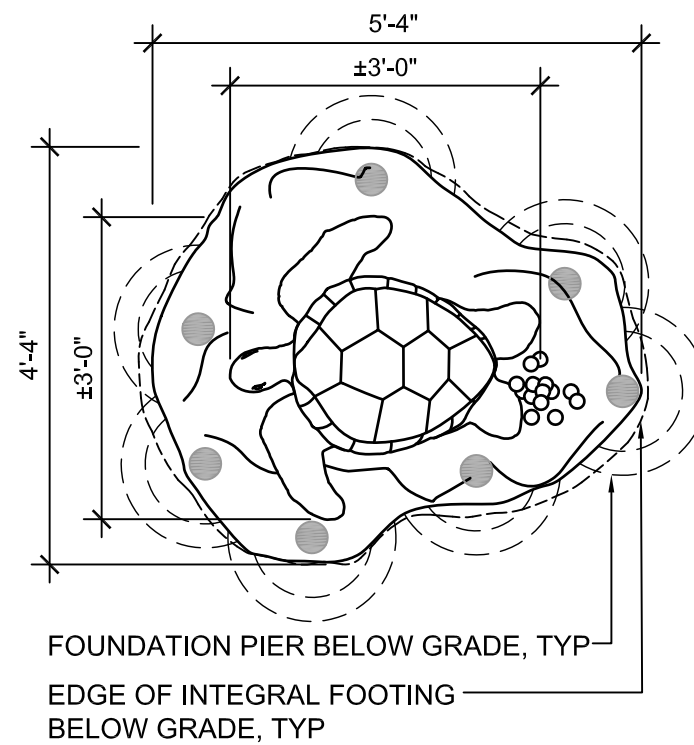


1 STEPPER CLUSTER 1

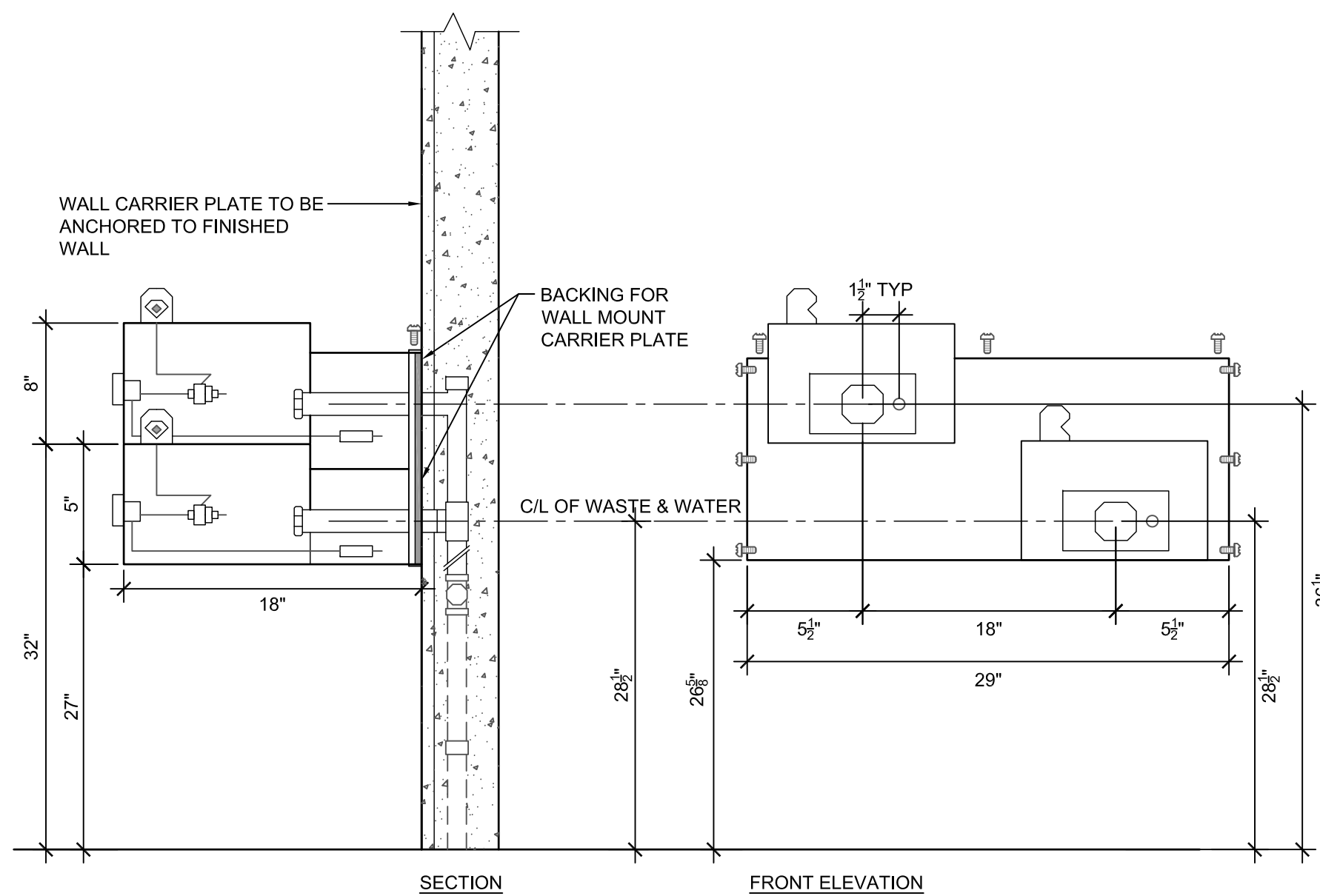


7 DRINKING FOUNTAIN / WATER FEATURE

- TYP SEA TURTLE - CREATURES BY UPC PARKS, OR APPROVED EQUAL
- COLOR AND SCALE
 - POTENTIALLY CUSTOMIZED
 - HIGHEST DESIGNATED PLAY SURFACE APPROX 2'-0" ABOVE GRADE
 - USE ZONE APPROX 17'-0" FROM CENTER OF FEATURE
 - AGES 2-12; ESTIMATED USERS: 4
 - SEE PLAN ENLARGEMENT FOR SURROUNDING HARDSCAPE MATERIAL AND COLOR

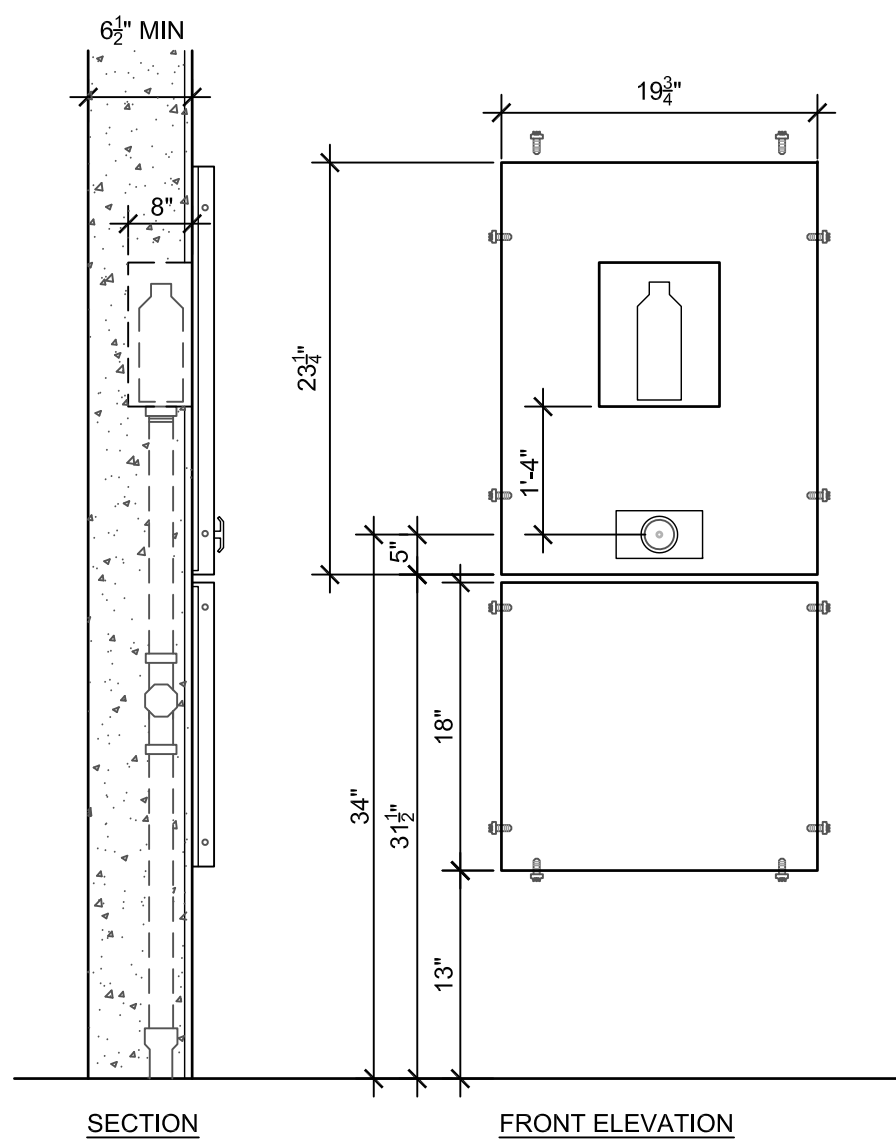


2 SEA TURTLE CLIMBER



- NOTES:
1. INSTALLATION PER MANUFACTURER'S SPECIFICATION - CONSULT REGARDING TWO-SIDED FIXTURE INSTALLATION AND PROVIDE SHOP DRAWINGS FOR REVIEW & APPROVAL
 2. COORDINATE INSTALLATION WITH BOTTLE FILLER AND SHARE LINES AS FEASIBLE; SUBMIT SHOP DRAWINGS
 3. MDF MODEL 485 EZ WM OR APPROVED EQUAL; 'CHROME' POWDERCOAT

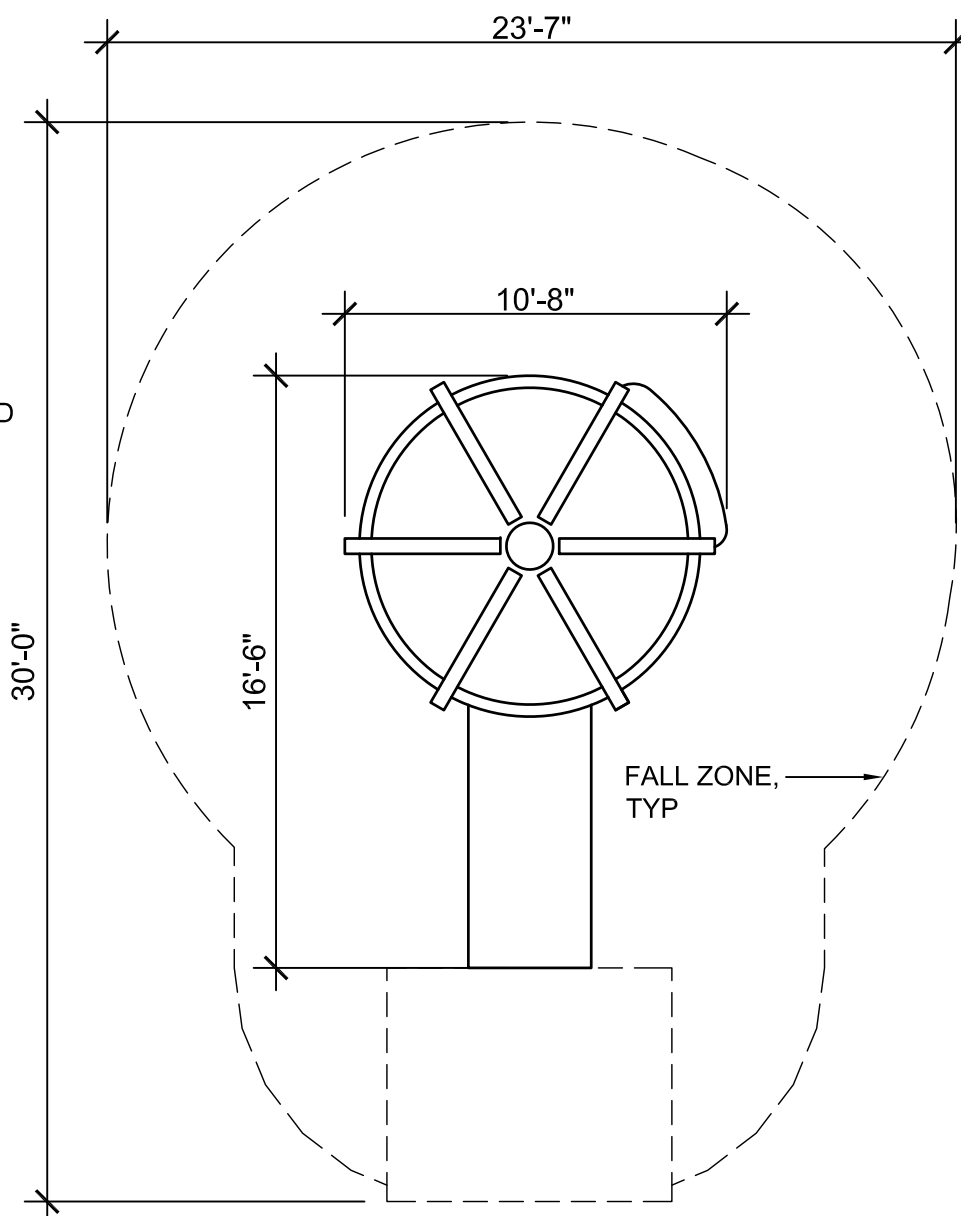
8 DRINKING FOUNTAIN PANEL



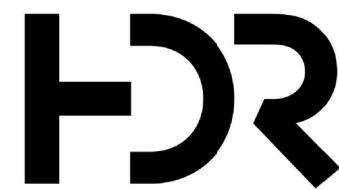
- NOTES:
1. INSTALLATION PER MANUFACTURER'S SPECIFICATION - CONSULT REGARDING TWO-SIDED FIXTURE INSTALLATION AND PROVIDE SHOP DRAWINGS FOR REVIEW & APPROVAL
 2. COORDINATE INSTALLATION WITH DUAL DRINKING FOUNTAIN FIXTURE AND SHARE LINES AS FEASIBLE; SUBMIT SHOP DRAWINGS
 3. MDF MODEL 10175FMSS OR APPROVED EQUAL; 'CHROME' POWDERCOAT

5 BOTTLE FILLER PANEL

- EARTHSCAPE FOREST HUT
- OR APPROVED EQUAL
 - ACCOYA & CEDAR GLULAM
 - CONSTRUCTION
 - AGES: 2-5 YEARS
 - FALL HEIGHT: 3'-11"
 - MAX HEIGHT: 20'-11"
 - PRIMARY PLAY VALUE: IMAGINATION, CLIMBING
 - SEE PLAN ENLARGEMENT FOR SURROUNDING HARDSCAPE MATERIAL AND COLOR



3 FOREST HUT



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Sheet Name
LEARNING GARDEN
DETAILS - ALTERNATE

Scale
AS NOTED

Sheet Number
L-953

GENERAL NOTES

- CONCRETE NOTES:

- C7. ANCHOR BOLTS NOT SPECIFIED BY ENGINEER SHALL BE DESIGNED AND CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE PROJECT AND CODE REQUIREMENTS. SUBMIT AS A SHOP DRAWING FOR REVIEW AND APPROVAL BY THE ENGINEER. COORDINATE LOCATION, SIZE AND EMBEDMENT PRIOR TO CASTING CONCRETE.
- C8. ABSOLUTELY NO WELDING OF REINFORCING BARS OR TORCHING TO BEND REINFORCING BARS SHALL BE ALLOWED WITHOUT SPECIFIC APPROVAL FROM THE STRUCTURAL ENGINEER.
- C9. ANCHOR BOLTS, DOWELS, REINFORCING STEEL, INSERTS, ETC. SHALL BE SECURELY TIED IN PLACE PRIOR TO POURING CONCRETE. CONCRETE BLOCKS SHALL ONLY BE USED TO SUPPORT REINFORCING OFF GRADE.
- C10. ALL CAST IN PLACE AND POST-INSTALLED ANCHORS INDICATED IN THE STRUCTURAL DOCUMENTS SHALL COMPLY WITH APPENDIX D OF ACI 318 AND CHAPTER 19 OF THE FBC. ALL EXPANSION AND ADHESIVE ANCHORS SHALL HAVE THE ICC REPORT SHOWING EQUIVALENT LOAD CAPACITY. SUBMIT AND INSTALL PER THE ICC EVALUATION REPORT
- C11. PROVIDE DOWELS OF SAME SIZE AND NUMBER FROM ADJACENT POUR, BOTH VERTICALLY AND HORIZONTALLY, TO MATCH TYPICAL REINFORCING SHOWN. LAPS TO BE IN ACCORDANCE WITH ACI 318.
- C12. CORING OF SLABS OR WALLS IS NOT PERMITTED. PROVIDE SLEEVES FOR ALL PENETRATIONS PRIOR TO PLACING CONCRETE.

S1. MATERIALS OF CONSTRUCTION:

1. WIDE FLANGE AND TEE SHAPES ASTM A992	$F_y = 50$ KSI
2. ANGLES CHANNELS AND PLATE - ASTM A36	$F_y = 36$ KSI
3. HSS TUBES AND PIPES - ASTM A500	$F_y = 46$ KSI
4. PIPES - ASTM A53 GRADE B	$F_y = 35$ KSI
5. BOLTS - ASTM F1852	
6. ANCHOR BOLTS - ASTM F1554 GRADE 36	$F_y = 55$ KSI
7. HIGH STRENGTH ANCHOR BOLT ASSEMBLY	
8. WELDING ELECTRODES - E70XX	

S2. DIMENSIONS:
TO CENTERLINES OF COLUMNS AND BEAMS, TOP SURFACES OF BEAMS AND TUBES AND BACKS OF CHANNELS AND ANGLES UNO.

S3. ELEVATIONS:
TOP OF STEEL REFERS TO TOP SURFACE OF MEMBER OR FLANGE UNO.

S4. WHEN FILLET WELD SIZE IS NOT INDICATED, PROVIDE MAXIMUM WELD SIZE BASED ON MATERIAL THICKNESS IN ACCORDANCE WITH AISC SPECIFICATIONS.

S5. ALL BOLTED STRUCTURAL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS OTHERWISE SPECIFIED TO BE SLIP-CRITICAL. PROVIDE LOAD INDICATING WASHERS AT SLIP-CRITICAL CONNECTIONS.

S6. HOT DIP GALVANIZE ALL STRUCTURAL STEEL EXPOSED TO WEATHER.

P1. POST INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER BEFORE INSTALLING POST INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.

P2. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICT WITH THE EXISTING REBAR. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

P3. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW, SHALL BE SUBMITTED BY THE CONTRACTOR TO THE OWNER ALONG WITH CALCULATIONS THAT ARE PREPARED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE CALCULATIONS SHALL DEMONSTRATE THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERTINENT EQUIVALENT DESIGN PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/ OR STANDARDS(S). AS REQUIRED BY THE BUILDING CODE. PRODUCT ICC-ES REPORTS SHALL BE INCLUDED WITH THE SUBMITTAL PACKAGE.

P4. UNLESS NOTED OTHERWISE ON PLANS, ACCEPTABLE CONCRETE ANCHORS PRODUCTS SHALL BE:

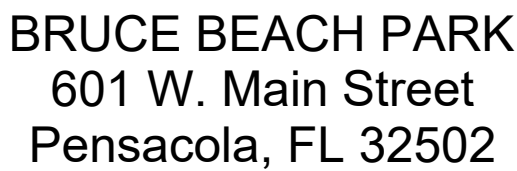
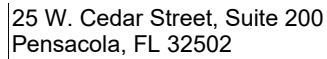
- A. MECHANICAL ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193. PRE-APPROVED MECHANICAL ANCHORS INCLUDE:
 - A.1. KWIK BOLT 3 (ICC-ES ESR-2302) AND KWIK BOLT 2 (ICC-ES ESR 1917) BY HILTI, INC.
 - A.2. STRONG BOLT (ICC-ES ESR-1771) AND STRONG BOLT 2 (ICC-ES ESR-3037) BY SIMPSON STRONG TIE ANCHOR SYSTEMS.
- B. ADHESIVE ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 308. PRE-APPROVED ADHESIVE ANCHORS INCLUDE:
 - B.1. HIT-RE-500 V3 (ICC-ES ESR-3814) SYSTEM ADHESIVE ANCHORS BY HILTI, INC.
 - B.2. SET-XP (ICC-ES ESR-2508) ADHESIVE ANCHORING SYSTEMS BY SIMPSON STRONG TIE ANCHOR SYSTEMS.
- C. CONCRETE SCREW ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193. PRE-APPROVED SCREW ANCHORS INCLUDE:
 - C.1. KWIK HUS-EZ (ICC-ES ESR-3027) BY HILTI, INC.
 - C.2. TITAN HD (ICC-ES ESR-2713) BY SIMPSON STRONG TIE ANCHOR SYSTEMS.

- EF1. ALL EARTHWORK AND SITE PREPARATION SHALL BE DIRECTED BY THE GEOTECHNICAL ENGINEER. ALL FOUNDATION EXCAVATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER.
- EF2. ANY EXISTING FILLS OR UNSUITABLE SOILS AS DETERMINED BY THE GEOTECHNICAL ENGINEER SHALL BE EXCAVATED AND REPLACED WITH PROPERLY COMPACTED FILL.
- EF3. EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING OR GRADING ADJACENT TO EXISTING STRUCTURES OR IMPROVEMENTS SO AS NOT TO DAMAGE OR UNDERMINE FOUNDATIONS, WALLS, SLABS, UTILITIES, ETC.
- EF4. DO NOT EXCAVATE BELOW THE BEARING ELEVATION OF ANY COMPLETED FOOTING NOR ANY CLOSER TO THE FOOTING THAN A SLOPE OF TWO HORIZONTAL (MEASURED FROM EDGE OF FOOTING TO NEAREST POINT IN EXCAVATION) TO ONE VERTICAL.
- EF5. HORIZONTAL CONSTRUCTION JOINTS IN SLABS ON GRADE AND FOOTINGS ARE NOT PERMITTED.
- EF6. PROVIDE DOWELS FOR ALL WALLS EMBEDDED INTO FOOTINGS. DOWELS SHALL BE THE SAME SIZE AND SPACING AS VERTICAL WALL REINFORCEMENT, UNLESS NOTED OTHERWISE.

DS1. DEFERRED SUBMITTALS ARE THOSE PORTIONS OF THE DESIGN WHICH ARE NOT SUBMITTED AT THE TIME OF PERMIT APPLICATION AND WHICH ARE TO BE SUBMITTED TO THE PERMITTING AGENCY FOR ACCEPTANCE PRIOR TO INSTALLATION OF THAT PORTION OF WORK.

DS2. THE FOLLOWING IS A LIST OF DEFERRED SUBMITTALS PER BUILDING CODE SECTION 107.3.4.2 THAT ARE EXPECTED TO CONTAIN STRUCTURAL CALCULATIONS OR SAFETY RELATED SYSTEM INFORMATION FOR REVIEW TO MEET BUILDING PERMITTING REQUIREMENTS FOR DESIGNED SYSTEMS, PRIOR TO INSTALLATION OF THE INDICATED STRUCTURAL ELEMENT, EQUIPMENT, DISTRIBUTION SYSTEM, OR COMPONENT OR ITS ANCHORAGE. THE CONTRACTOR SHALL SUBMIT THE REQUIRED CALCULATIONS AND SUPPORTING DATA AND DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER. ADDITIONALLY, ACCEPTANCE ON THE ENGINEER'S COMMENT FOR, ALONG WITH THE COMPLETED FINAL SUBMITTAL SHALL THEN BE FILED BY THE CONTRACTOR AND ACKNOWLEDGED AS ACCEPTED BY THE PERMITTING AGENCY PRIOR TO INSTALLATION OF THESE ITEMS.

DEFERRED SUBMITTALS	
SPECIFICATION SECTION	ITEM
05 50 00	PERFORATED METAL SHADE STRUCTURE PANELS
OTHER	ANY EQUIPMENT OR COMPONENT IN WHICH A TECHNICAL SPECIFICATION REQUIRES SUBMITTAL OF EQUIPMENT OR ANCHORAGE SYSTEM CALCULATIONS

[illegible]

HDR Project Number: 10279441

Sheet Name

STRUCTURAL GENERAL NOTES AND SPECIFICATIONS

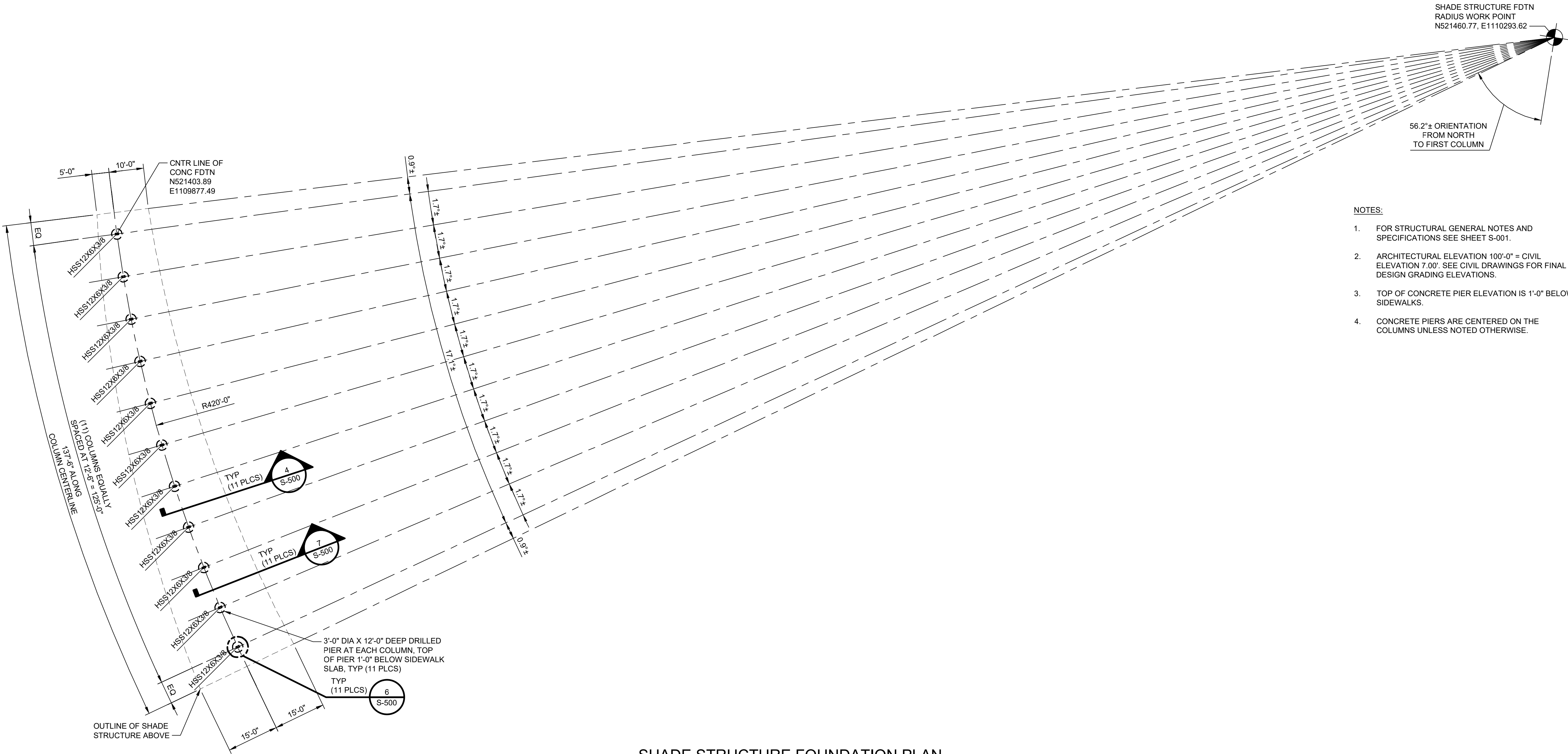
Scale

NONE

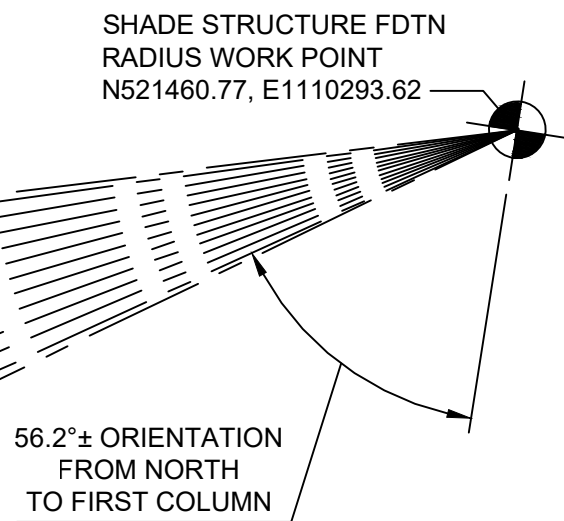
Sheet Number

S-001

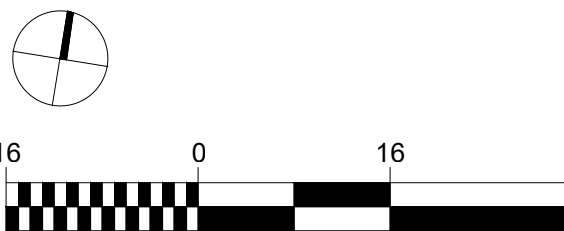
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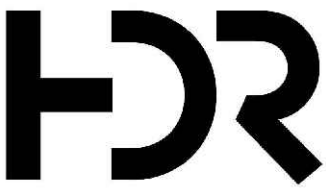
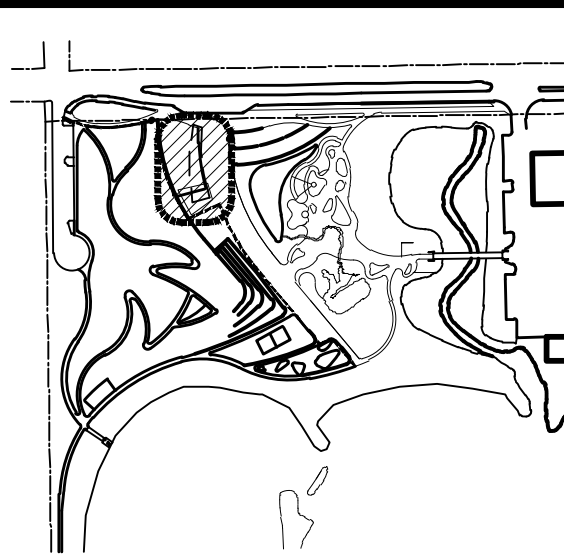
- NOTES:
1. FOR STRUCTURAL GENERAL NOTES AND SPECIFICATIONS SEE SHEET S-001.
 2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 7.00'. SEE CIVIL DRAWINGS FOR FINAL DESIGN GRADING ELEVATIONS.
 3. TOP OF CONCRETE PIER ELEVATION IS 1'-0" BELOW SIDEWALKS.
 4. CONCRETE PIERS ARE CENTERED ON THE COLUMNS UNLESS NOTED OTHERWISE.



SHADE STRUCTURE FOUNDATION PLAN
SCALE: 1/16" = 1'-0"



KEY PLAN



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

DATE	DESCRIPTION
2/15/2022	100% PERMIT SUBMITTAL
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

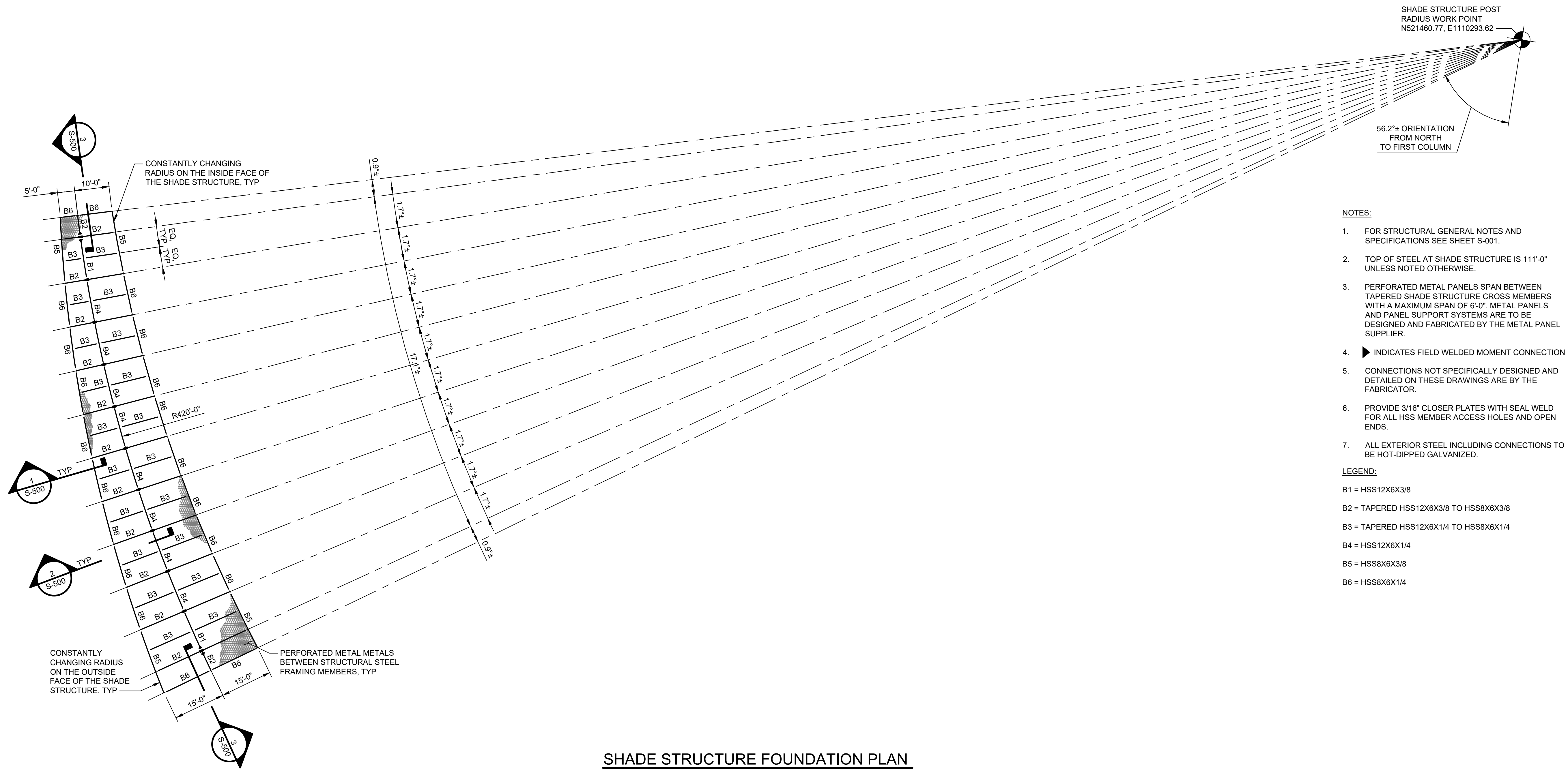
HDR Project Number: 10279441

Sheet Name
STRUCTURAL SHADE
STRUCTURE
FOUNDATION PLAN

Scale
1/16" = 1'-0"

Sheet Number
S-100

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SHADE STRUCTURE FOUNDATION PLAN

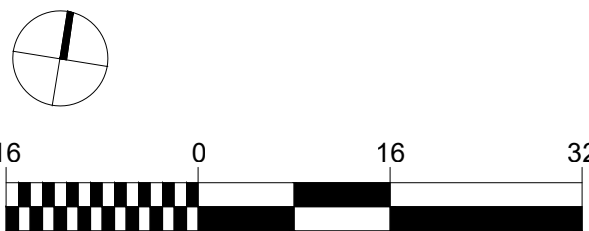
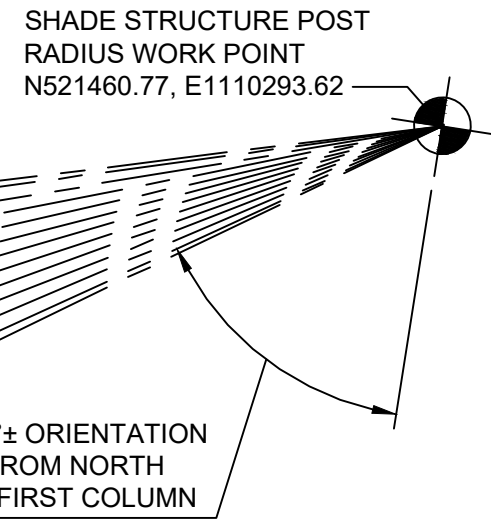
SCALE: 1/16" = 1'-0"

NOTES:

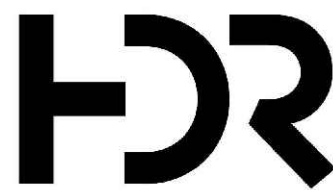
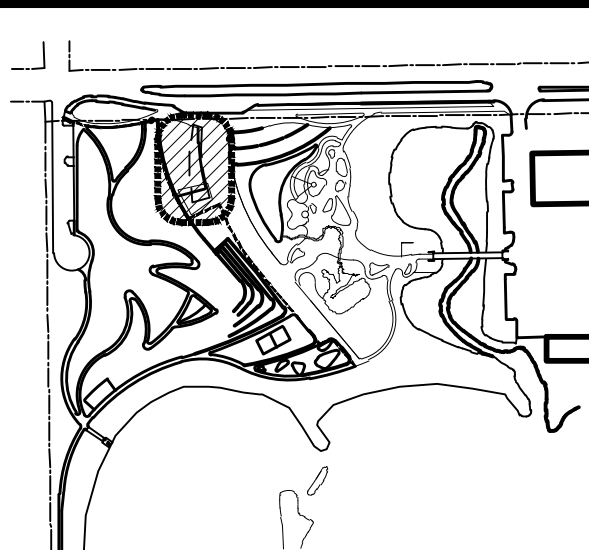
1. FOR STRUCTURAL GENERAL NOTES AND SPECIFICATIONS SEE SHEET S-001.
2. TOP OF STEEL AT SHADE STRUCTURE IS 111'-0" UNLESS NOTED OTHERWISE.
3. PERFORATED METAL PANELS SPAN BETWEEN TAPERED SHADE STRUCTURE CROSS MEMBERS WITH A MAXIMUM SPAN OF 6'-0". METAL PANELS AND PANEL SUPPORT SYSTEMS ARE TO BE DESIGNED AND FABRICATED BY THE METAL PANEL SUPPLIER.
4. ► INDICATES FIELD WELDED MOMENT CONNECTION
5. CONNECTIONS NOT SPECIFICALLY DESIGNED AND DETAILED ON THESE DRAWINGS ARE BY THE FABRICATOR.
6. PROVIDE 3/16" CLOSER PLATES WITH SEAL WELD FOR ALL HSS MEMBER ACCESS HOLES AND OPEN ENDS.
7. ALL EXTERIOR STEEL INCLUDING CONNECTIONS TO BE HOT-DIPPED GALVANIZED.

LEGEND:

- B1 = HSS12X6X3/8
B2 = TAPERED HSS12X6X3/8 TO HSS8X6X3/8
B3 = TAPERED HSS12X6X1/4 TO HSS8X6X1/4
B4 = HSS12X6X1/4
B5 = HSS8X6X3/8
B6 = HSS8X6X1/4



KEY PLAN



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BRUCE BEACH PARK
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PHASE ONE

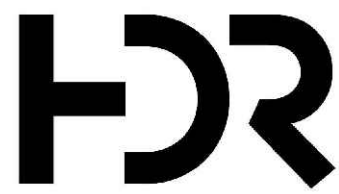
DATE	DESCRIPTION
2/15/2022	100% PERMIT SUBMITTAL
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

Sheet Name
**STRUCTURAL SHADE
STRUCTURE
FRAMING PLAN**

Scale
1/16" = 1'-0"

Sheet Number
S-110



25 W. Cedar Street, Suite 200
Pensacola, FL 32502



BRUCE BEACH PARK
601 W. Main Street
Pensacola, FL 32502

PHASE ONE

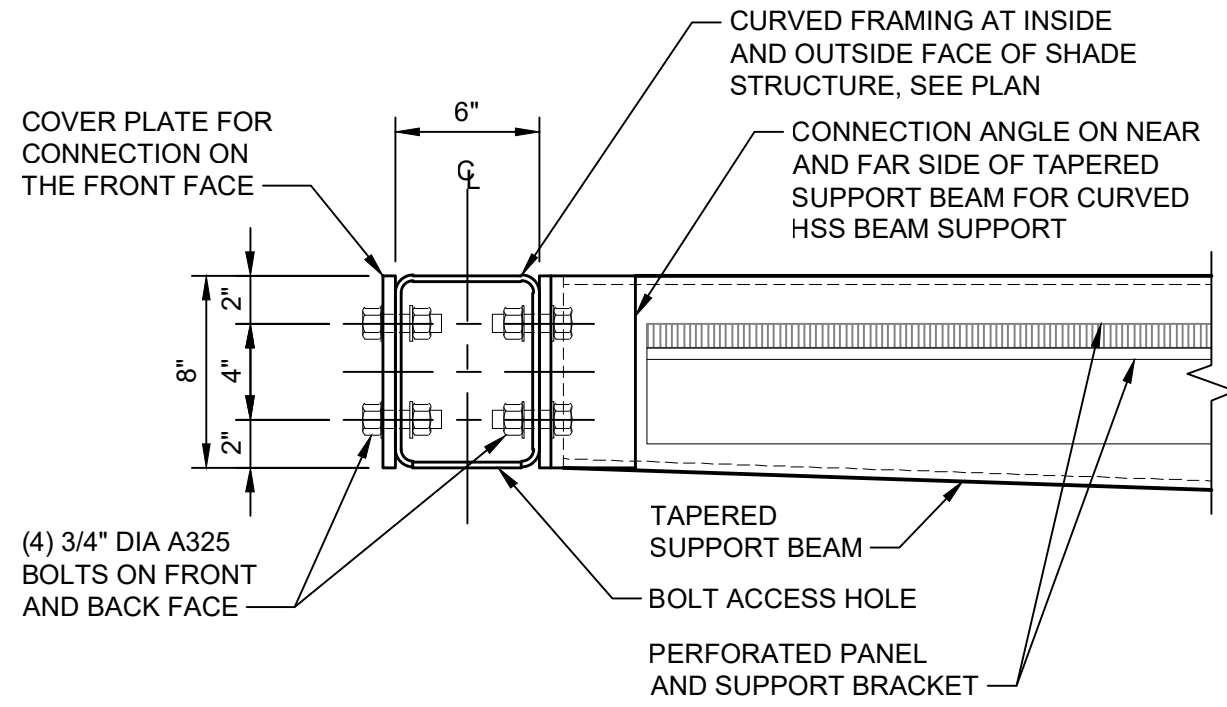
DATE	DESCRIPTION
2/15/2022	100% PERMIT SUBMITTAL
3/4/2022	DRAFT 100% PERMIT SUBMITTAL
3/11/2022	ISSUE FOR BID

HDR Project Number: 10279441

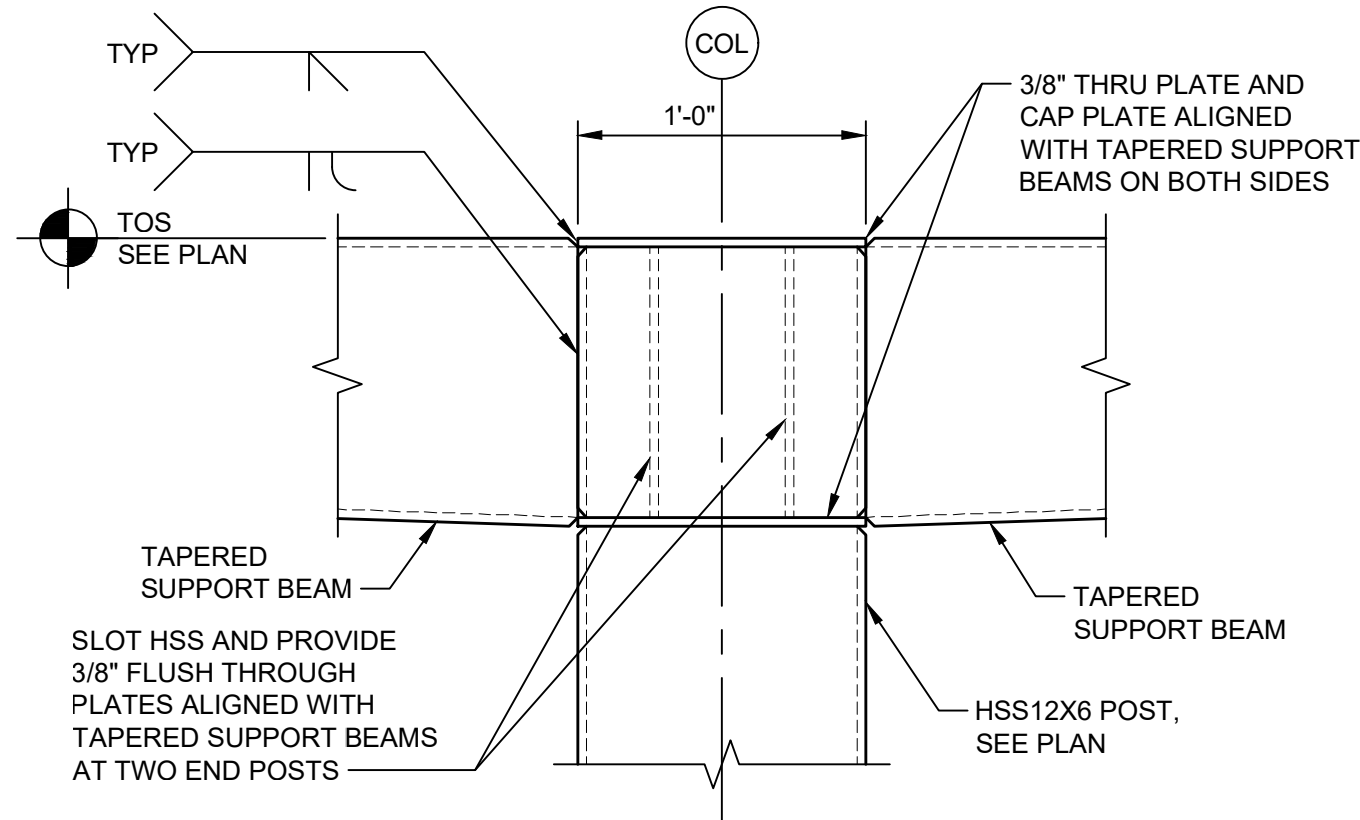
Sheet Name
**STRUCTURAL
SECTIONS AND
DETAILS**

Scale
AS NOTED

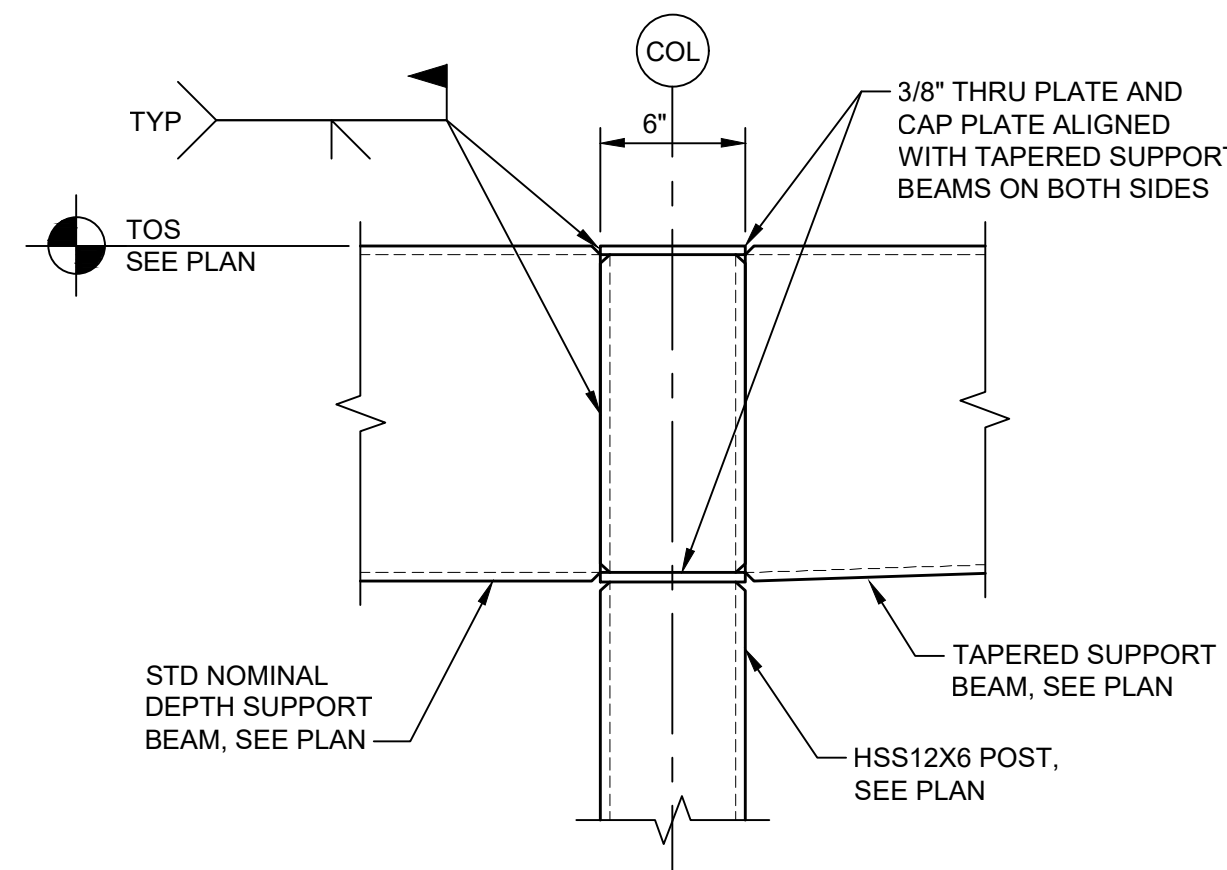
Sheet Number
S-500



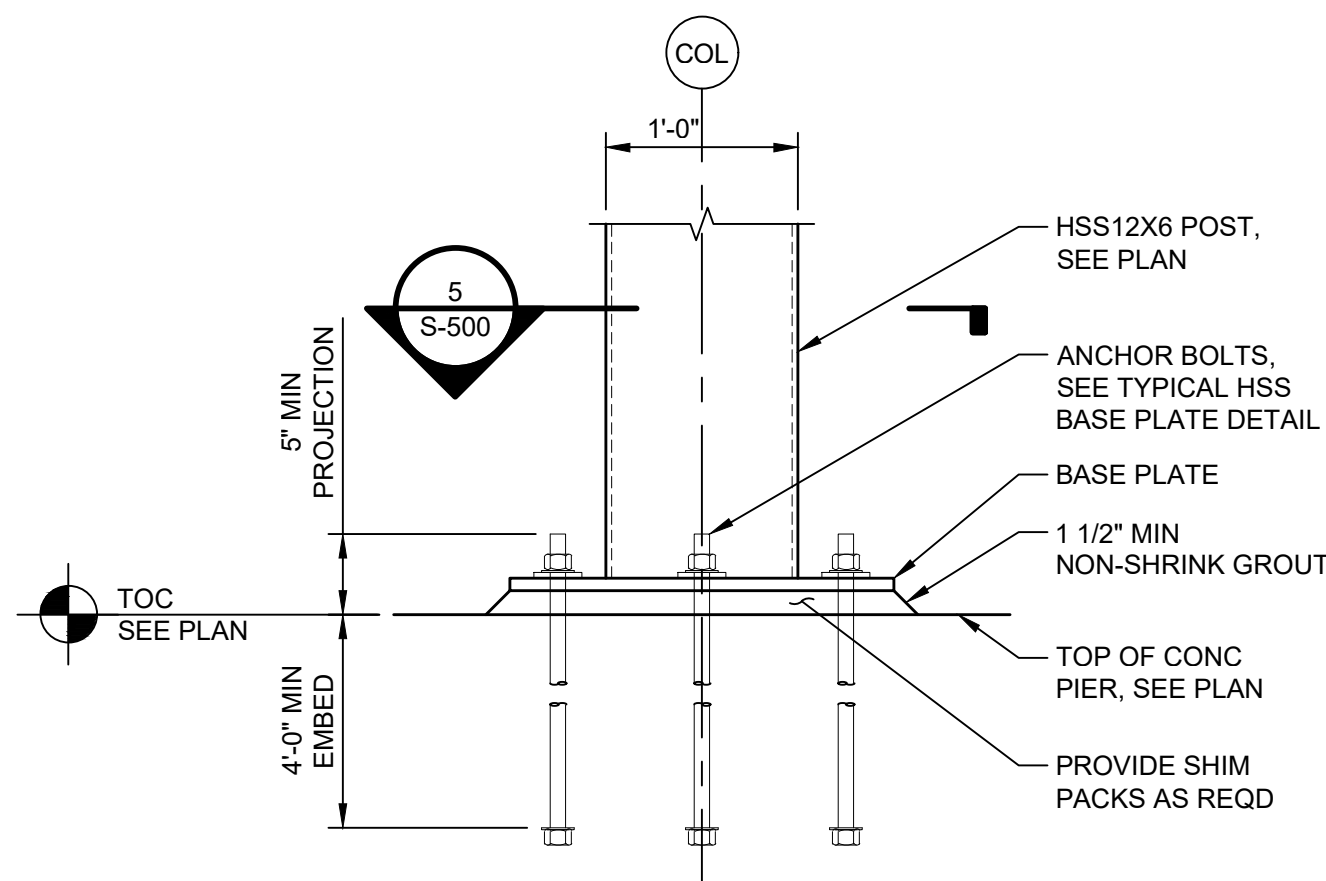
SECTION 1
S-110 SCALE: 1 1/2" = 1'-0"



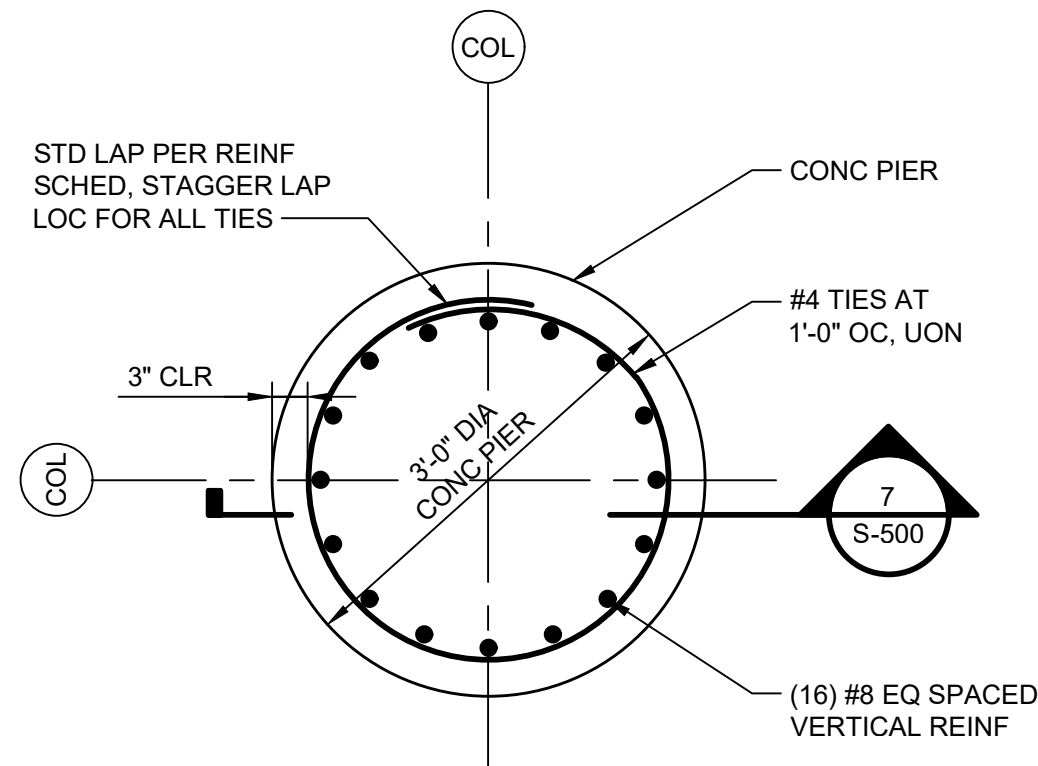
SECTION 2
S-110 SCALE: 1 1/2" = 1'-0"



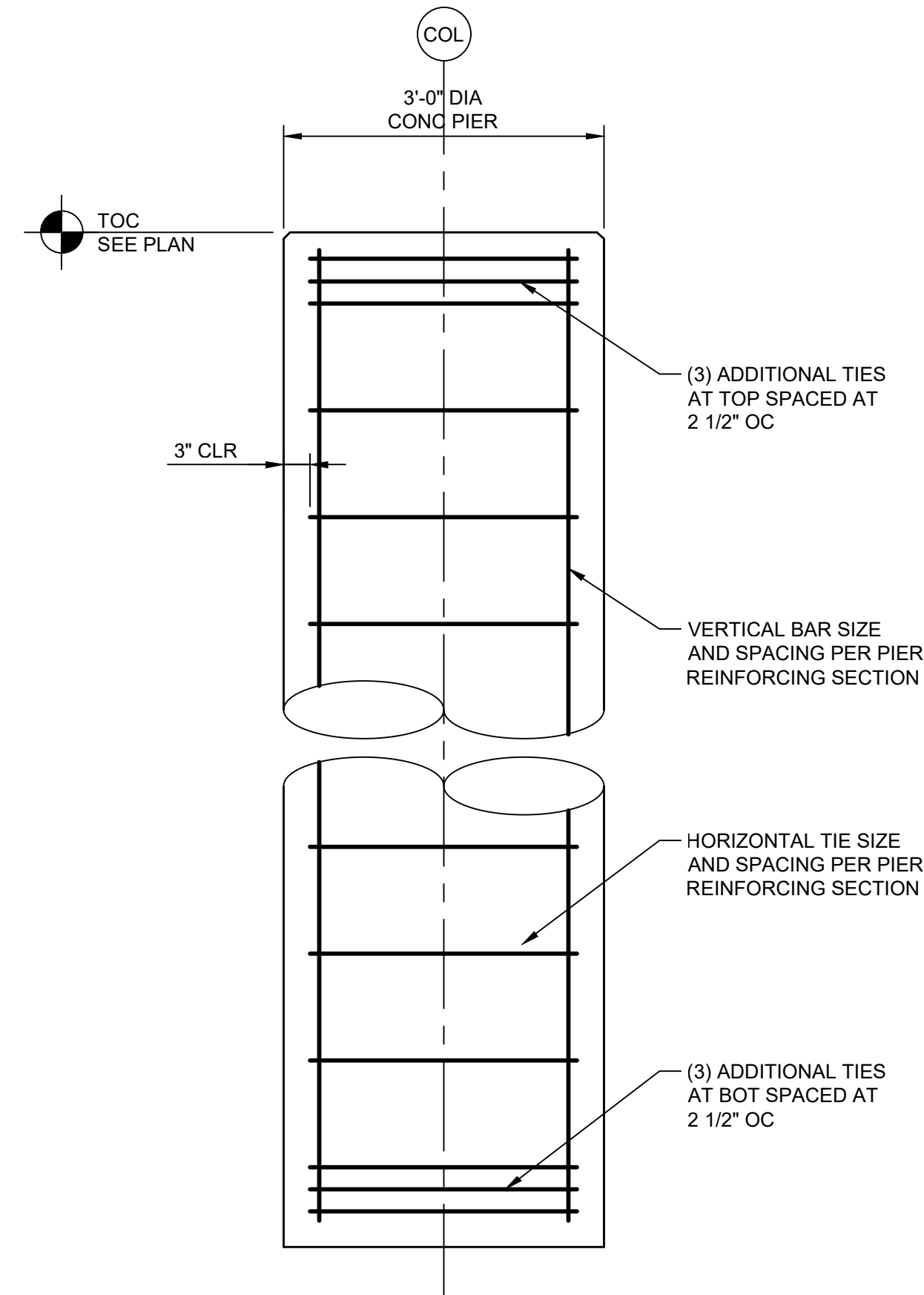
SECTION 3
S-110 SCALE: 1 1/2" = 1'-0"



HSS COLUMN ANCHOR BOLT DETAIL
S-100 SCALE: 1" = 1'-0"

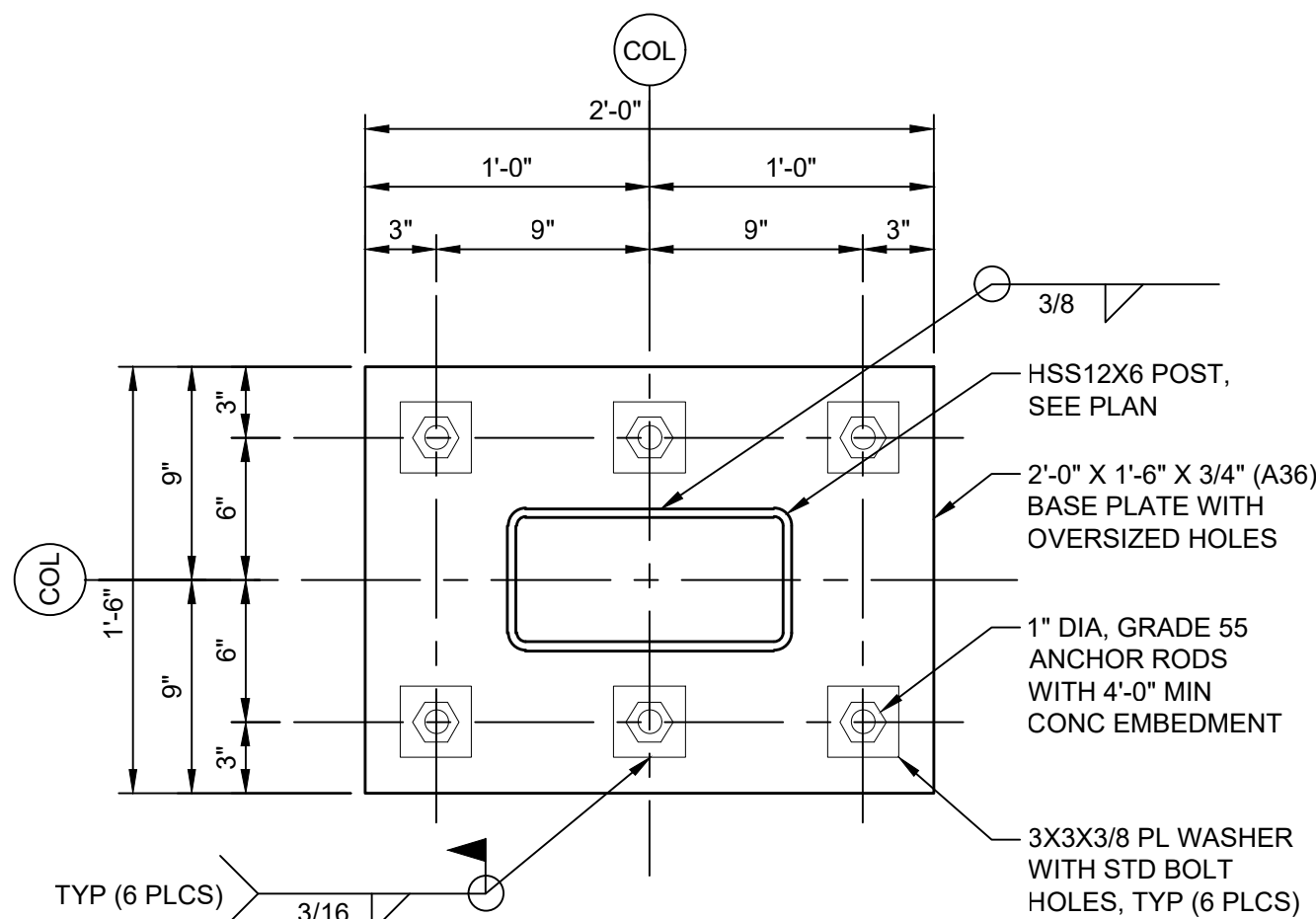


CONCRETE PIER REINFORCING DETAIL
S-100 SCALE: 3/4" = 1'-0"



SERVICE LOADS ON TOP OF PIER					
AXIAL LOAD (KIP)	SHEAR ALONG CANOPY (KIP)	SHEAR ACROSS CANOPY (KIP)	MOMENT ABOUT LENGTH (FT-KIP)	MOMENT ABOUT WIDTH (FT-KIP)	TORSIONAL MOMENT (FT-KIP)
38	6	6	48	30	2

CONCRETE PIER DETAIL
S-100 SCALE: 3/4" = 1'-0"



HSS COLUMN BASE PLATE DETAIL
S-500 SCALE: 1 1/2" = 1'-0"