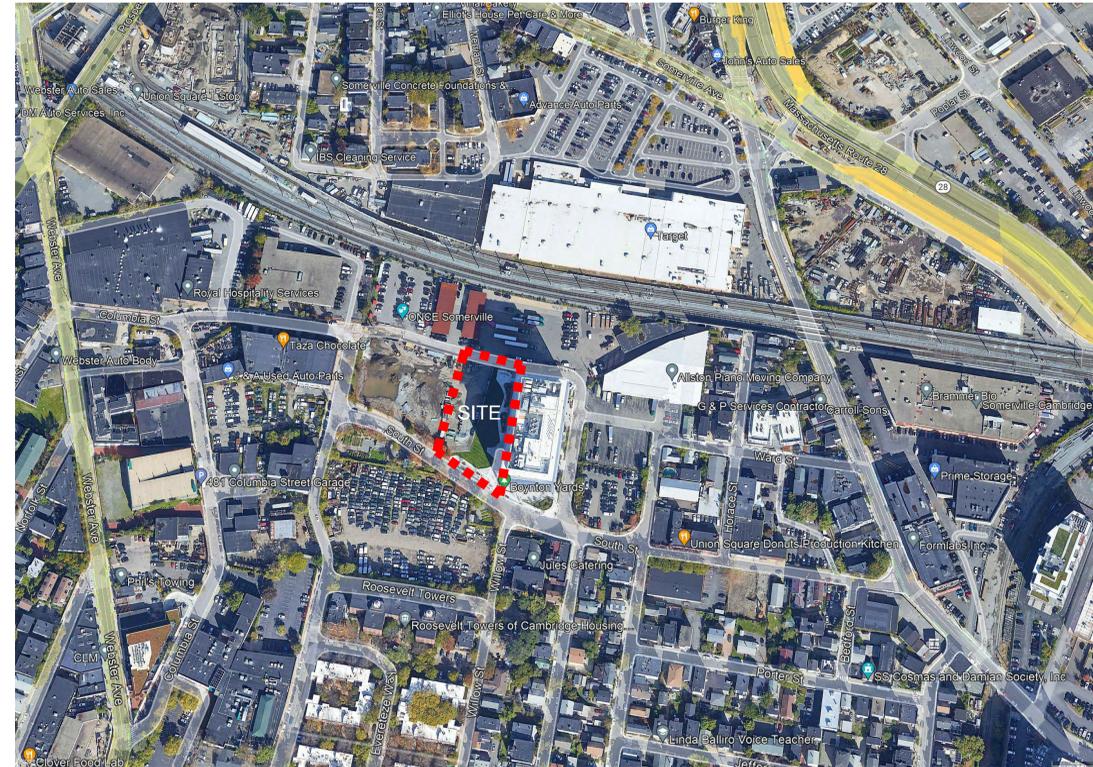


BOYNTON YARDS CIVIC SPACE 1

100% CONSTRUCTION DOCUMENTS

PREPARED BY:
Copley Wolff

LOCUS MAP



PREPARED BY:

LANDSCAPE ARCHITECT

COPLEY WOLFF DESIGN GROUP
10 POST OFFICE SQUARE, SUITE 1315
BOSTON, MA 02109

IN COLLABORATION WITH:

SURVEYOR

FELDMAN GEOSPATIAL
152 HAMPDEN STREET
BOSTON, MA 02119

CIVIL ENGINEER

VANASSE HANGEN BRUSTLIN, LLC.
99 HIGH STREET
BOSTON, MA 02110

ELECTRICAL ENGINEER

BR+A CONSULTING ENGINEERS
10 GUEST STREET, 4th FLOOR
BOSTON, MA 02135

IRRIGATION & SPLASH PAD CONSULTANT

AQUEOUS CONSULTANTS
2 DUNDEE PARK DRIVE,
ANDOVER, MA 01810

PROJECT NAME / CLIENT:
BOYNTON YARDS - CIVIC SPACE 1
111 SOUTH STREET, SOMERVILLE, MA

SITE VIEW



ILLUSTRATIVE SITE PLAN



BOYNTON YARDS CIVIC SPACE 1 SHEET INDEX

SHEET #	SHEET TITLE	PREPARED BY
COVER		
EX1.00	EXISTING CONDITIONS PLAN	COPLEY WOLFF DESIGN GROUP
L1.00	SITE PREPARATION PLAN	COPLEY WOLFF DESIGN GROUP
L2.00	MATERIALS PLAN	COPLEY WOLFF DESIGN GROUP
L3.00	LAYOUT PLAN	COPLEY WOLFF DESIGN GROUP
L4.00	GRADING PLAN	COPLEY WOLFF DESIGN GROUP
L5.00	PLANTING PLAN	COPLEY WOLFF DESIGN GROUP
L6.00	LANDSCAPE DETAILS	COPLEY WOLFF DESIGN GROUP
L6.01	LANDSCAPE DETAILS	COPLEY WOLFF DESIGN GROUP
L6.02	LANDSCAPE DETAILS	COPLEY WOLFF DESIGN GROUP
L6.03	LANDSCAPE DETAILS	COPLEY WOLFF DESIGN GROUP
L6.05	CIVIC PLATFORM (FOR REFERENCE ONLY)	COPLEY WOLFF DESIGN GROUP
C1	LEGEND & GENERAL NOTES	VHB
C2	UTILITY PLAN	VHB
C3	UTILITY DETAILS	VHB
E11	ELECTRICAL PLAN	BR+A CONSULTING ENGINEERS
E12	PHOTOMETRICS PLAN	BR+A CONSULTING ENGINEERS
E21	ELECTRICAL DETAILS	BR+A CONSULTING ENGINEERS
IR1	IRRIGATION PLAN	AQUEOUS CONSULTANTS
IR2	IRRIGATION DETAILS	AQUEOUS CONSULTANTS
IR3	IRRIGATION DETAILS	AQUEOUS CONSULTANTS
IR4	WATER FEATURE LAYOUT PLAN	AQUEOUS CONSULTANTS
IR5	SPLASH PAD DRAINAGE PLAN & SECTION	AQUEOUS CONSULTANTS
IR6	WATER FEATURE DETAILS	AQUEOUS CONSULTANTS
IR7	WATER FEATURE DETAILS	AQUEOUS CONSULTANTS
IR8	WATER FEATURE DETAILS	AQUEOUS CONSULTANTS
IR9	WATER FEATURE DETAILS	AQUEOUS CONSULTANTS

CWDG PROJECT NUMBER: 2016

ISSUANCES:

REV # DATE DESCRIPTION

REV #	DATE	DESCRIPTION

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COVER

DRAWN BY: AML

CHECKED BY: IR

SCALE:

DATE: 03/10/2023

SHEET 1 OF 11

DRAWING NUMBER:

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PREPARED BY:



Copley Wolf Design Group
Landscape Architects & Planners

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1

111 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2036

ISSUANCES:

REV # DATE DESCRIPTION

02 05.22.23 ADDENDUM #2

STAMP:

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UTILITY PLAN

DRAWN BY: RA

CHECKED BY: JVC

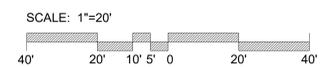
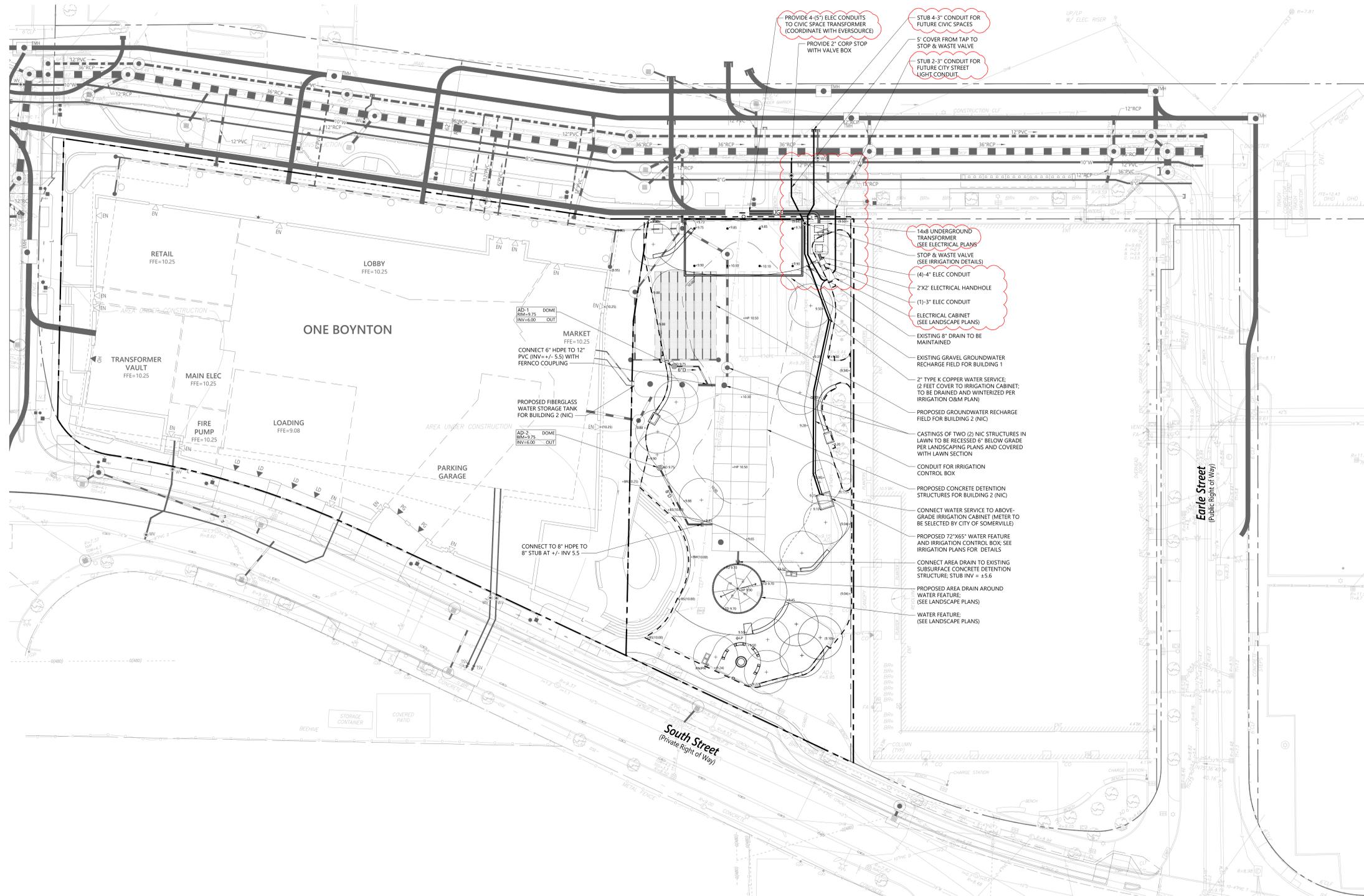
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DATE: 3/10/2023

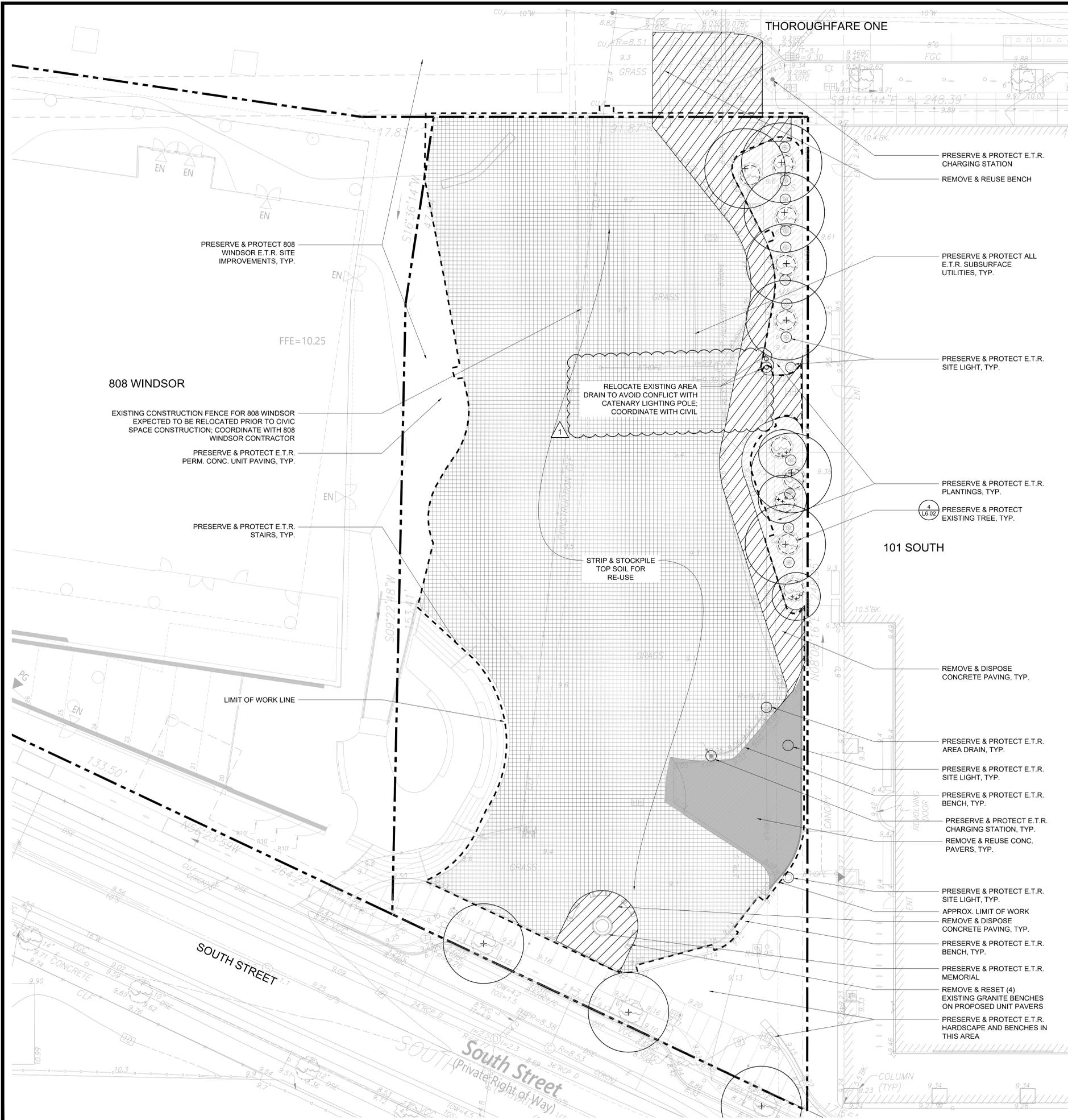
SHEET 2 OF 3

DRAWING NUMBER:

C-2



4/27/2023 11:04:21 AM - T:\2026 BOYNTON YARDS PUBLIC COMMON W.D.L. - LMP\CONSTRUCTION DRAWINGS\CURRENT\CWDG DRAWINGS\BY CIVIC PLANS DWG - MICHAEL MACMULLTY



SITE PREPARATION NOTES

1. REMOVAL OF ANY WORK OR ITEM SHALL INCLUDE OFFSITE LEGAL DISPOSAL OF SAME, UNLESS OTHERWISE INDICATED. ALL REMOVAL AND DISPOSAL WORK SHALL BE PERFORMED IN A SAFE LEGAL MANNER.
2. THE CONTRACTOR SHALL RELOCATE ALL ITEMS SCHEDULED TO REMAIN AWAY FROM THE CONSTRUCTION AREA AND PROTECT AGAINST DUST AND MOISTURE AS NECESSARY. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL RETURN THESE ITEMS UNDAMAGED TO THEIR ORIGINAL LOCATIONS. ANY ITEM DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT NO COST TO THE OWNER.
3. ALL EXISTING TREES AND SHRUBS SHOWN ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL REMOVE TREES, SHRUBS, AND OTHER VEGETATION IN THE WORK AREA ONLY AS APPROVED ON THE DRAWINGS OR WITH PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT. EVERY EFFORT SHALL BE MADE TO MINIMIZE THE AMOUNT OF VEGETATION DISTURBED. THE CONTRACTOR SHALL REPLACE ALL DAMAGED VEGETATION TO REMAIN IN KIND FOLLOWING THE COMPLETION OF THE WORK. NEWLY PLANTED TREES SHALL BE IN ACCORDANCE WITH THE PROJECT PLANTING PLANS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL TREES AND SHRUBS.
4. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING AND HARDSCAPING AFFECTED BY THE DEMOLITION AND CONSTRUCTION ACTIVITIES IN KIND, AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL PROVIDE TREE PROTECTION AS SPECIFIED IN THE DETAILS FOR ALL TREES TO BE PRESERVED IN THE WORK AREA.
5. ALL MATERIALS STOCKPILED DURING THE WORK SHALL BE PLACED IN A DESIGNATED LOCATION THAT PREVENTS EROSION, SEDIMENTATION AND COMPACTION. THE CONTRACTOR SHALL STOCKPILE MATERIALS IN AN AREA ON-SITE. STOCKPILE LOCATION TO BE APPROVED BY LANDSCAPE ARCHITECT.
6. THE CONTRACTOR'S DISPOSAL PRACTICE OF ALL EXCESS MATERIAL SHALL COMPLY WITH ALL FEDERAL, STATE, AND MUNICIPAL WASTE MANAGEMENT LAWS AND REGULATIONS.
7. ANY ITEM OR STRUCTURE DAMAGED BEYOND THE LIMITS OF WORK SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT HIS OR HER OWN EXPENSE.
8. PROVIDE SHORING OR UNDERPINNING AS NECESSARY TO PROTECT EXISTING STRUCTURES.
9. EXISTING STRUCTURES, LANDSCAPING, AND HARDSCAPING ARE PRESENT IN AND BEYOND THE LIMITS OF WORK BUT NOT NECESSARILY SHOWN HEREON. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES IN PLACE DURING THE ENTIRE DURATION OF THE PROJECT.
10. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF THE PARK PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS. THE EROSION CONTROL LINE AS SHOWN IS A MINIMUM REQUIREMENT. ADDITIONAL EROSION CONTROL MEASURE MAY BE REQUIRED AS CONDITIONS WARRANT.
11. CONTRACTOR TO PROTECT EXISTING SIGNS TO REMAIN. ADDITIONALLY, ALL EXISTING LIGHT POLES SHALL BE PROTECTED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
12. PRIOR TO THE START OF CONSTRUCTION, NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
13. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE CITY OF BOSTON, THE COMMONWEALTH OF MASSACHUSETTS, AND ANY OTHER AGENCIES HAVING JURISDICTION.
14. NO EQUIPMENT, VEHICLES OR STOCKPILES MAY BE PLACED WITHIN THE DRIPLINES OF EXISTING TREES.
15. ALL WORK WITHIN THE DRIPLINES OF TREES TO REMAIN IS TO BE HAND DUG OR AIR SPADE.
16. TREE PROTECTION TO BE INSTALLED BEFORE DEMOLITION COMMENCES.

SITE PREPARATION LEGEND

-  STRIP AND STOCKPILE TOPSOIL FOR REUSE
-  REMOVE AND REUSE CONC. PAVERS

PREPARED BY:

C:\Users\mfl\OneDrive\Work\2026\01.dwg

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1
111 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2026

ISSUANCES:

REV # DATE DESCRIPTION

01 04.26.23 ADDENDUM #1

STAMP:

100% CD SET

DRAWING TITLE:
SITE PREPARATION PLAN

DRAWN BY: AML

CHECKED BY: IR

SCALE:

DATE: 04/26/2023

SHEET 3 OF 11

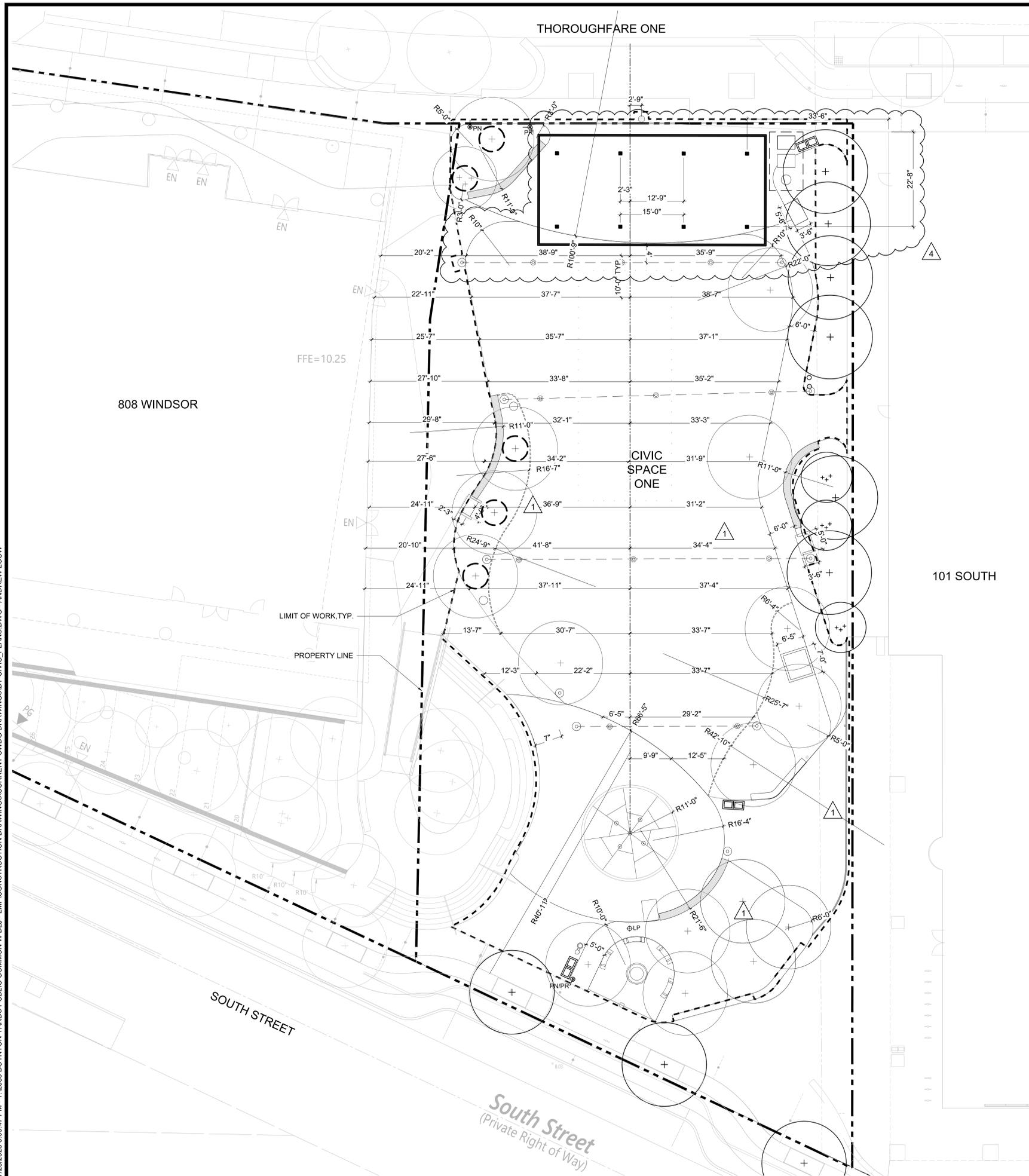
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L1.00

SCALE: 1"=10'



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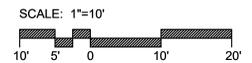


LANDSCAPE LAYOUT NOTES

1. THE SITE PLAN IS BASED ON EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS. COPLEY WOLFF DESIGN GROUP IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS INFORMATION.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY AND ALL DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD SHALL BE PROMPTLY REPORTED BY THE CONTRACTOR TO THE OWNER'S REPRESENTATIVE AND RECORDED ON RECORD DRAWINGS.
2. CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BETWEEN ALL TRADES PRIOR TO COMMENCING NEW CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY AND ALL CONFLICTS BETWEEN PROPOSED SITE WORK AND WORK OF ALL OTHER TRADES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK LINE DUE TO CONTRACT OPERATIONS. CONTRACTOR SHALL RESTORE DAMAGED AREAS BEYOND CONTRACT LIMITS TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL CONTACT THE PROPER AUTHORITIES IN WRITING TO CONFIRM THE LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO THE FAILURE OF THE CONTRACTOR TO CONTACT AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY DAMAGE INCURRED DURING CONSTRUCTION TO EXISTING UTILITIES SCHEDULED TO REMAIN AT NO COST TO THE OWNER.
6. EXISTING STRUCTURES, IMPROVEMENTS, APPURTENANCES AND VEGETATION TO REMAIN SHALL BE PROTECTED FROM DAMAGE. ANY DAMAGE TO EXISTING SITE IMPROVEMENTS TO REMAIN SHALL BE REPAIRED AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF PERMITS AND LICENSES ISSUED BY COGNIZANT FEDERAL, STATE, AND LOCAL AGENCIES.
8. THE CONTRACTOR SHALL COORDINATE ALL SITE UTILITY IMPROVEMENTS WITH PROPER AUTHORITIES.
9. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL LINES, GRADES, AND OTHER SURVEY CONTROL TO COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF THE SURVEY CONTROL REFERENCE POINTS AND LOCATION STAKES. THE CONTRACTOR SHALL EMPLOY A MASSACHUSETTS-LICENSED REGISTERED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER, FAMILIAR WITH BUILDING CONSTRUCTION, WHO SHALL ESTABLISH LINES AND LEVELS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT LOCATION OF THE PROPOSED SITE FEATURES.
11. DIMENSIONS ARE APPROXIMATE BASED ON TAKE OFF FROM SURVEY. ACTUAL DIMENSIONS MAY VARY. NOTIFY THE OWNER'S REPRESENTATIVE IN THE EVENT OF DIMENSIONAL DISCREPANCIES.
12. THE CONTRACTOR TO STAKE OUT LAYOUT FOR APPROVAL PRIOR TO EXCAVATION.
13. THE CONTRACTOR SHALL PREPARE SAMPLE PANELS FOR EACH PAVING TYPE FOR APPROVAL OF WORKMANSHIP, FINISHES, COLORS, AND JOINTING PRIOR TO FINAL INSTALLATION.
14. SEE LANDSCAPE ARCHITECTURAL PLANS FOR LAYOUT OF MATERIALS AND SITE IMPROVEMENTS AND SEE CIVIL DRAWINGS FOR GRADING, DRAINAGE, UTILITIES, AND PARKING AND CURB LAYOUT.

LAYOUT LEGEND

- POB POINT OF BEGINNING
- CENTERLINE FOR LAYOUT
- R 5 5'-0" RADIUS
- CENTER LINE OF OBJECT
- VIF VERIFY DIMENSION IN FIELD
- EQ EQUAL
- ALIGN EDGES OR FACES



PREPARED BY:
**Copley
Wolff**

PROJECT NAME / CLIENT:
BOYNTON YARDS - CIVIC SPACE 1
111 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2016

ISSUANCES:

REV #	DATE	DESCRIPTION
01	04.26.23	ADDENDUM #1
02	05.22.23	ADDENDUM #2
03	06.02.23	FIELD BULLETIN #1
04	07.26.23	FIELD BULLETIN #2

STAMP:

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DRAWING TITLE:
LAYOUT PLAN

DRAWN BY: AML
 CHECKED BY: IR
 SCALE:
 DATE: 04/26/2023
 SHEET 5 OF 11
 DRAWING NUMBER:

L3.00

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1 PAVER ENLARGEMENT 1

PAVER COLOR LEGEND

-  AUTUMN SUNSET 60%
-  SUMMER WHEAT 40%

2.3
L6.00 8X24" PERMEABLE UNIT
PAVERS, FIELD B

2 PAVER ENLARGEMENT 2

2.3
L6.00 8X24" PERMEABLE UNIT
PAVERS, FIELD B

PREPARED BY:

**Copley
Wolff**

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1
111 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2036

ISSUANCES:

REV #	DATE	DESCRIPTION

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**SPECIAL
PAVER AREA
ENLARGEMENT**

DRAWN BY: AML

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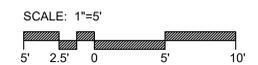
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DATE: 03/10/2023

SHEET 5 OF 11

DRAWING NUMBER:

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01	04.26.23	ADDENDUM #1
02	05.22.23	ADDENDUM #2
03	06.02.23	FIELD BULLETIN #1

THOROUGHFARE ONE

PLANTING AND SOIL NOTES

- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
- ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
- THE LANDSCAPE ARCHITECT SHALL ONLY REVIEW TREES THAT ARE IN THE GROUND AT THE NURSERY. NO PRE-DUG TREES WILL BE ACCEPTED. THEREFORE TIMING OF IN-GROUND REVIEWS MUST BE COORDINATED WITH EXPECTED INSTALLATION DATES.
- ALL NEW PLANTS TO BE BALLED & BURLAPPED OR CONTAINER GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
- THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
- STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
- NEW SHRUBS AND GROUNDCOVER SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS IT BORE TO PREVIOUS GRADE. THE ROOT FLARE OF NEW TREES SHALL BE SET NO HIGHER THAN 1" ABOVE FINISH GRADE. NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING.
- ALL PLANT BEDS TO RECEIVE UN-DYED ORGANIC WOOD CHIPS AS PER SPECIFICATIONS.
- ALL EXISTING TREES TO REMAIN SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. PROTECTION TECHNIQUES SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- PRUNE TREES IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL PLANT MATERIAL SHALL BE MAINTAINED BY CONTRACTOR UNTIL FINAL ACCEPTANCE AND GUARANTEED FOR 1 CALENDAR YEAR.
- CONFIRM ALL QUANTITIES AGAINST PLANTING PLANS, GRADING PLANS, AND SPECIFICATIONS, INCLUDING SITE DISTURBANCE OUTSIDE OF THE LIMIT OF GRADING NECESSITATED TO FACILITATE CONSTRUCTION.
- WHERE SAND AND GRAVEL ARE SPECIFIED FOR A DRAINAGE LAYER, EXTEND DRAINAGE LAYER TO ASSOCIATED DRAIN LINES, DRAINAGE AREAS, OR DAYLIGHT.
- WHERE ONE SOIL TYPE MEETS ANOTHER SOIL TYPE, FORM A 1:1 SLOPED BOUNDARY TRANSITION.
- WHERE A SOIL PROFILE ENCRONES WITHIN THE DRIP LINE OF EXISTING TREES, CONSULT WITH LANDSCAPE ARCHITECT PRIOR TO COMMENCING EXCAVATION.
- ALL EXCAVATION AND PLACEMENT OF SOILS WITHIN THE DRIP LINE OF EXISTING TREES TO BE PERFORMED BY HAND.
- SCARIFY SUBGRADE AS SPECIFIED BEFORE PLACEMENT OF ANY PLANTING SOILS.
- DO NOT PLACE OR HANDLE SOILS THAT ARE WET.
- PROTECT ALL EXISTING SOILS AGAINST COMPACTION, CONTAMINATION WITH CONSTRUCTION MATERIALS, AND ALL DISTURBANCE.
- CONTRACTOR IS RESPONSIBLE FOR ACTUAL SITE CONDITIONS, COORDINATION OF SOILS PLACEMENT, AND PLANTING SUBDRAINAGE.
- DO NOT PLACE ANY PLANTING SOIL PRIOR TO INSPECTION BY LANDSCAPE ARCHITECT.

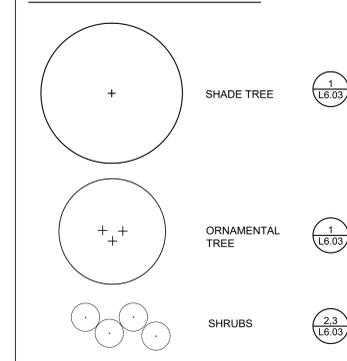
PLANT SCHEDULE

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
Deciduous Shade Trees						
BN	6	<i>Betula nigra</i> 'Cully'	Heritage River Birch	2.5" - 3" Cal.	B&B	Multi-stem
BP	3	<i>Betula populifolia</i> 'Whitespire'	Gray Birch	2.5" - 3" Cal.	B&B	Single Stem
CO1	1	<i>Celtis occidentalis</i>	Hackberry	2.5" - 3" Cal.	B&B	Matched
CO2	1	<i>Carya ovata</i>	Shagbark Hickory	3" - 3.5" Cal.	B&B	Matched
QR	3	<i>Quercus rubra</i>	Northern Red Oak	2.5" - 3" Cal.	B&B	Matched
UXF	2	<i>Ulmus X. 'Frontier'</i>	Frontier Elm	2.5" - 3" Cal.	B&B	Specimen
Ornamental Trees						
CA	1	<i>Cornus alternifolia</i>	Pagoda Dogwood	10-12' ht.	B&B	Matched
Shrubs						
AM	5	<i>Aronia melanocarpa</i> 'Morton'	Iroquois Beauty Black Chokeberry	#2	Cont.	24" O.C.
CSA	25	<i>Cornus sanguinea</i> 'Arctic Sun'	Arctic Sun Dogwood	#3	Cont.	30" O.C.
IVR	35	<i>Ilex verticillata</i> 'Red Sprite'	Red Sprite Dwarf Female Winterberry	#3	Cont.	36" O.C.
VH	50	<i>Verbena hastata</i>	Blue Vervain	#2	Cont.	18" O.C.
Perennials, Ornamental Grasses and Groundcover						
EP	39	<i>Echinacea purpurea</i> 'PowWow Wild Berry'	Purple Coneflower	#2	Cont.	18" O.C.
MDS	52	<i>Monarda didyma</i> 'Squaw'	Squaw Beebalm	#2	Cont.	18" O.C.
PSR	81	<i>Pennisetum setaceum</i> 'Rubrum'	Purple Fountain Grass	#2	Cont.	18" O.C.
PVS	75	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	#2	Cont.	24" O.C.
RFG	129	<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Black-eyed Susan	#2	Cont.	18" O.C.
SSB	50	<i>Schizachyrium scoparium</i> 'The Blues'	The Blues Little Bluestem	#2	Cont.	18" O.C.

SPA CONDITIONS NOTES:

- APPROVED SPA PLANS COMMITTED TO PROVIDING 28 LARGE TREES WITHIN THE CS1 PARCEL.
- NINE (9) LARGE TREES WERE INSTALLED ON THE CS1 PARCEL AS PART OF THE 101 SOUTH SCOPE.
- THREE (3) LARGE TREES WILL BE INSTALLED AS PART OF THE APPROVED 808 WINDSOR SCOPE.

PLANTING LEGEND



SCALE: 1"=10'



6/2/2023 1:55:59 PM - T:\2036 BOYNTON YARDS PUBLIC COMMON W DLL - LMP\CONSTRUCTION DRAWINGS\CURRENT CWGG DRAWINGS\CIVIC PLANS DWG - MICHAEL MACNULTY

808 WINDSOR

FFE=10.25

LIMIT OF WORK, TYP.

PROPERTY LINE

(3) BETULA POPULIFOLIA 'WHITESPIRE'; 2.5-3" CAL. (TO BE INSTALLED AS PART OF 808 WINDSOR PROJECT)

CIVIC SPACE ONE

SEEDED LAWN

(4) EXISTING TO REMAIN LIQUIDAMBAR STYRACIFLUA; 3-3.5" CAL. AT TIME OF INSTALLATION (INSTALLED AS PART OF 101 SOUTH)

PRESERVE AND PROTECT EXISTING VEGETATION OUTSIDE LIMIT OF WORK LINE

ALL EXISTING SHRUBS, PERENNIALS, AND GRASSES TO BE PRESERVED IN PLACE

(3) EXISTING TO REMAIN AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'; 8-10' HT. AT TIME OF INSTALLATION (INSTALLED AS PART OF 101 SOUTH)

(2) EXISTING TO REMAIN LIQUIDAMBAR STYRACIFLUA; 3-3.5" CAL. AT TIME OF INSTALLATION (INSTALLED AS PART OF 101 SOUTH)

101 SOUTH

SOUTH STREET

South Street
(Private Right of Way)

CWDG PROJECT NUMBER: 2036

ISSUANCES:

REV #	DATE	DESCRIPTION
01	04.26.23	ADDENDUM #1

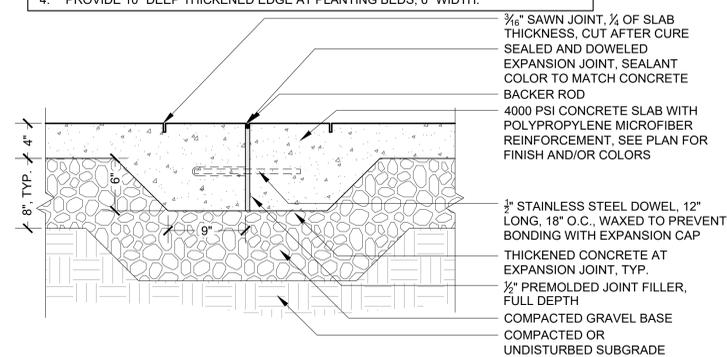
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LANDSCAPE DETAILS

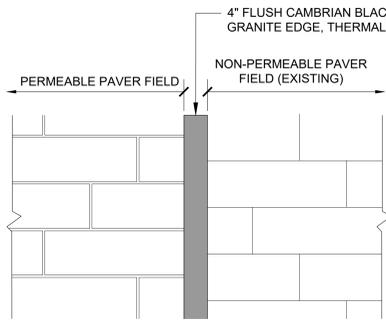
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 CHECKED BY: IR
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 DATE: 04/26/2023
 SHEET 8 OF 11
 DRAWING NUMBER:

L6.00

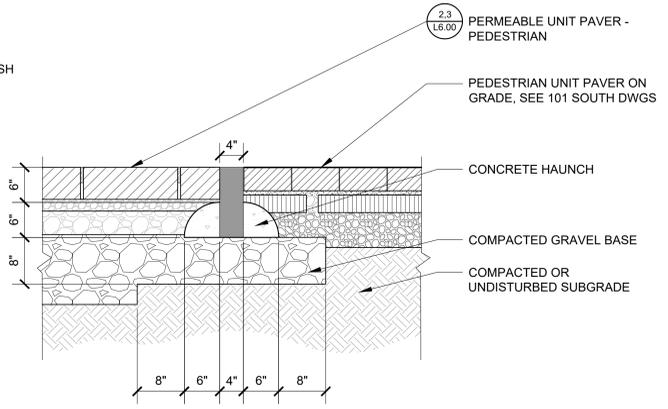
NOTE:
 1. CONTROL JOINTS EVERY 5' UNLESS OTHERWISE SHOWN ON PLAN.
 2. PROVIDE EXPANSION JOINT EVERY 20' UNLESS OTHERWISE SHOWN ON PLAN.
 3. PROVIDE EXPANSION JOINT WITH SEALANT WHERE CONCRETE PAVEMENT ABUTS CURBS, WALLS, AND BUILDING FACES.
 4. PROVIDE 10" DEEP THICKENED EDGE AT PLANTING BEDS, 6" WIDTH.



1 PEDESTRIAN CONCRETE PAVEMENT
 SCALE: 1-1/2" = 1'-0"

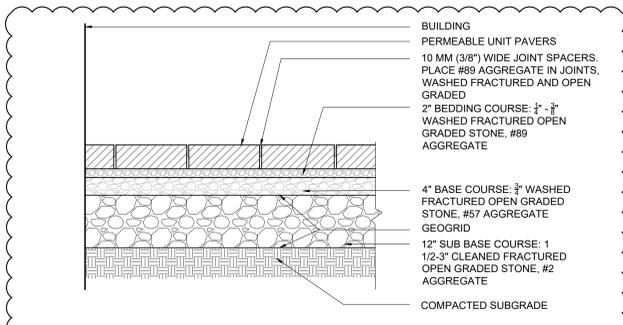


5 FLUSH TRANSITION EDGER
 SCALE: 1" = 1'-0"

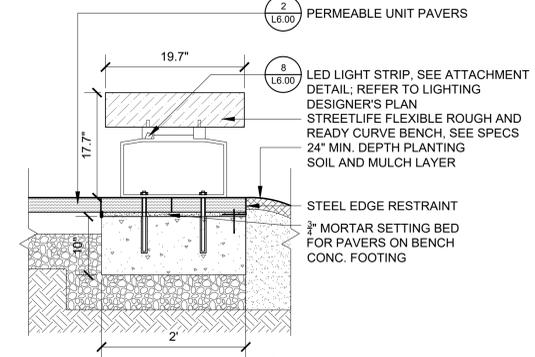


8 LED LIGHT STRIP ATTACHMENT
 SCALE: 3" = 1'-0"

NOTE: CONTRACTOR SHALL COORDINATE THE MOUNTING LOCATION AND ATTACHMENT METHOD OF THE LIGHT DRIVER WITH THE LIGHTING DESIGNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION

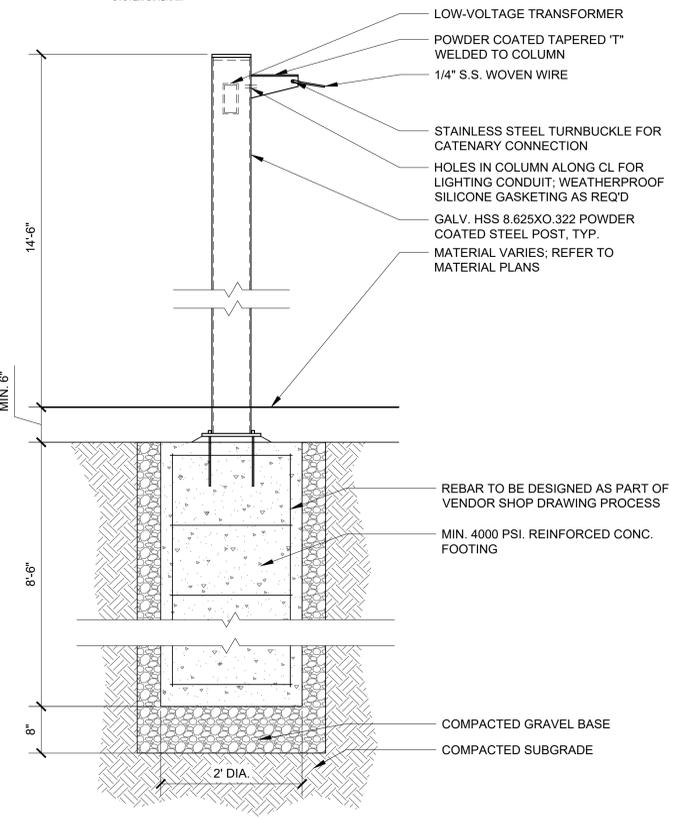
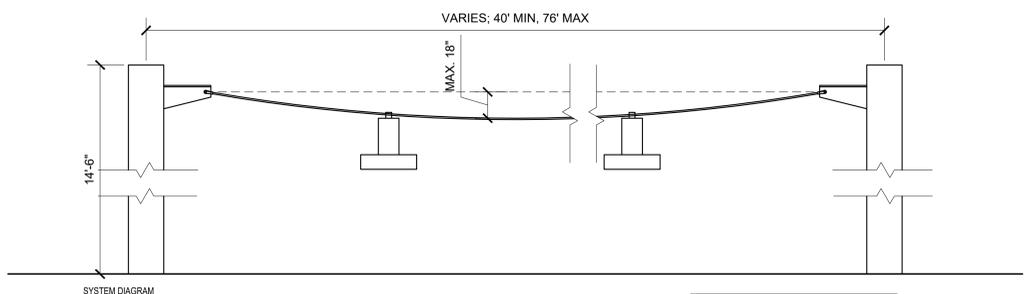


2 PERMEABLE UNIT PAVER - PEDESTRIAN
 SCALE: 3/4" = 1'-0"

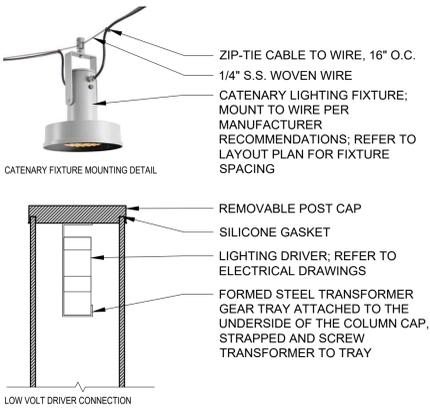


6 TIMBER BENCH
 SCALE: 1" = 1'-0"

NOTE: SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION.

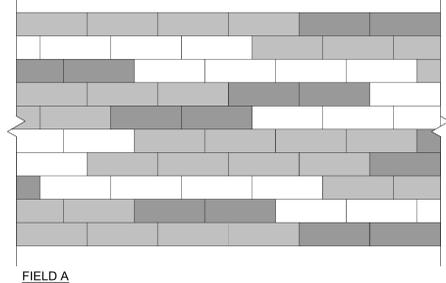


NOTE:
 1. FOOTING DESIGN FOR CATENARY LIGHT POLES SHALL BE BY FABRICATOR/VENDOR. FABRICATOR / VENDOR SHALL SUBMIT FULL SHOP DRAWINGS FOR ALL ASPECTS OF FOOTING DESIGN INCLUDING LOADING CALCULATIONS, DRAWINGS, SCHEDULES, AND CALCULATIONS MUST BE PREPARED BY MASSACHUSETTS LICENSED STRUCTURAL ENGINEER ENGAGED BY LIGHT POST FABRICATOR / VENDOR.

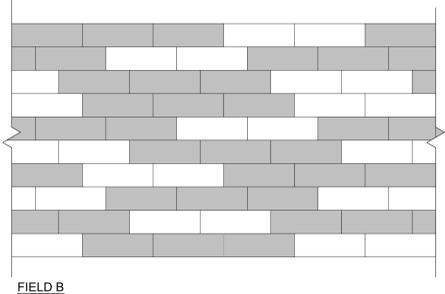


9 CATENARY LIGHTING SYSTEM
 SCALE: 1" = 1'-0"

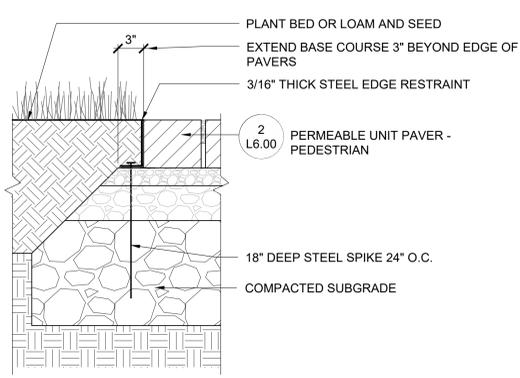
BLENDING FIELD A COLOR MIX
 LIGHT: GRENATA WHITE (40%)
 MEDIUM: WINTER MARVEL (40%)
 DARK: FRENCH GRAY (20%)



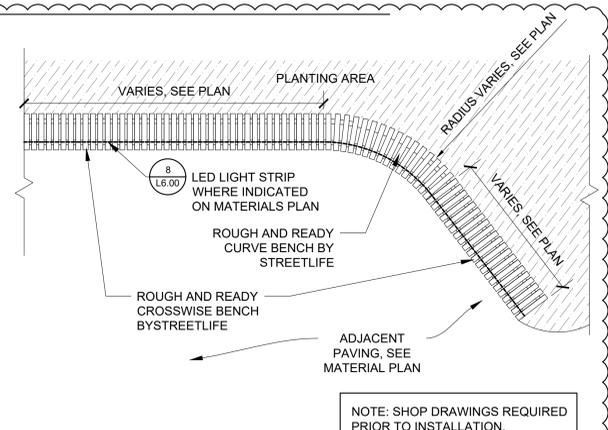
BLENDING FIELD B COLOR MIX
 LIGHT: SUMMER WHEAT (40%)
 MEDIUM: AUTUMN SUNSET (60%)



3 UNIT PAVER FIELD A & B PATTERNS
 SCALE: 1/2" = 1'-0"



4 UNIT PAVER EDGE RESTRAINT AT GRADE
 SCALE: 1-1/2" = 1'-0"



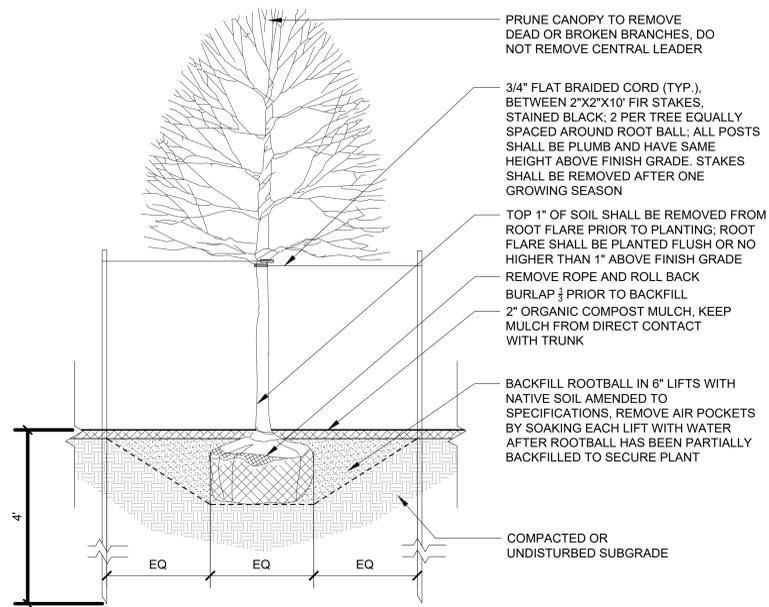
7 TIMBER BENCH - PLAN
 SCALE: 1/2" = 1'-0"

NOTE: SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION.

4/27/2023 11:06:47 AM - T:2036 BOYNTON YARDS PUBLIC COMMON W.D.L. - LMP-CONSTRUCTION DRAWINGS/CURRENT CWDG DRAWINGS/CIVIC DETAILS/DWG - MICHAEL MAGNULITY

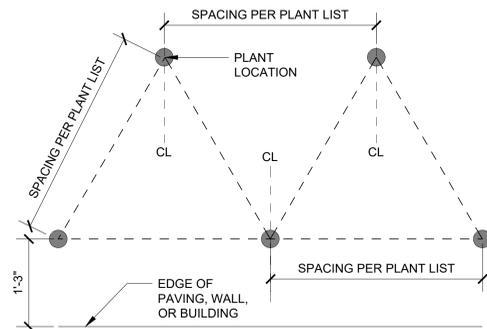
REV #	DATE	DESCRIPTION

NOTES:
1. PLANTING SOIL SHALL BE FLOODED TWICE DURING THE FIRST 24 HOURS AFTER PLANTING.
2. TREE SHALL BE SET PLUMB.
3. CONTRACTOR SHALL PREPARE PLANTING MOCKUP OF TREE PLANTING FOR LANDSCAPE ARCHITECT TO REVIEW AND APPROVE.



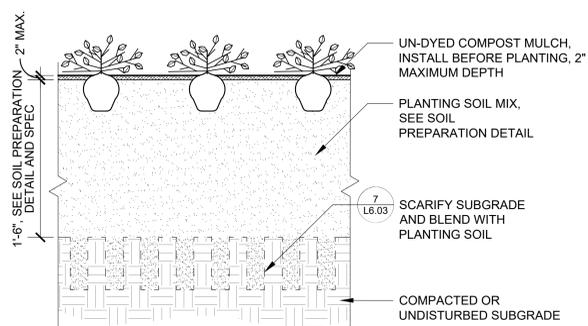
1 TREE PLANTING DECIDUOUS
SCALE: 3/4" = 1'-0"

PLANT SPACING:	# OF PLANTS / SF
8"	2.6
12"	1.15
15"	.733
18"	.512
36"	.128
48"	.0725



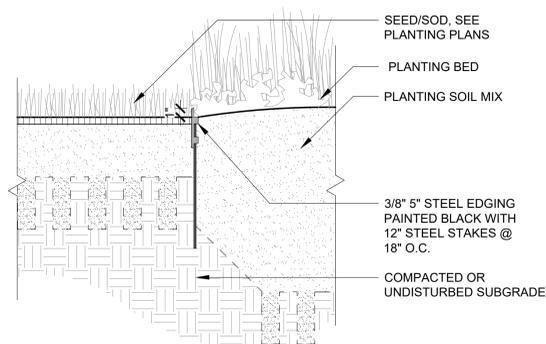
2 PLANT LAYOUT DIAGRAM
SCALE: 1" = 1'-0"

NOTE:
1. SEE PLANTING LAYOUT DETAIL FOR SPACING AND LAYOUT.



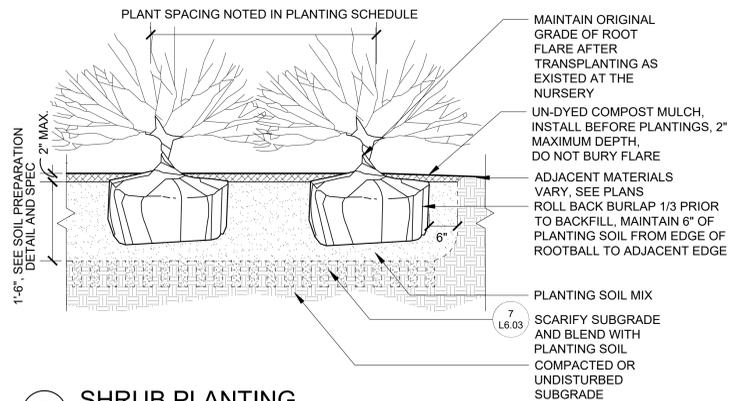
3 PERENNIAL / GROUNDCOVER PLANTING
SCALE: 1-1/2" = 1'-0"

NOTE:
1. SHOP DRAWINGS REQUIRED PRIOR TO INSTALLATION.

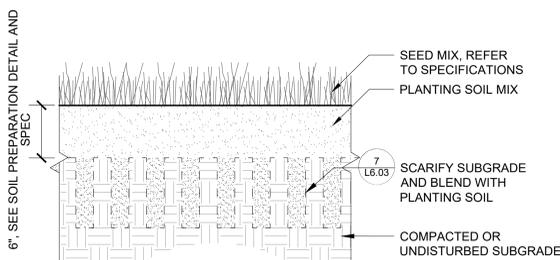


4 PLANTING EDGING AT PLANT BED
SCALE: 1-1/2" = 1'-0"

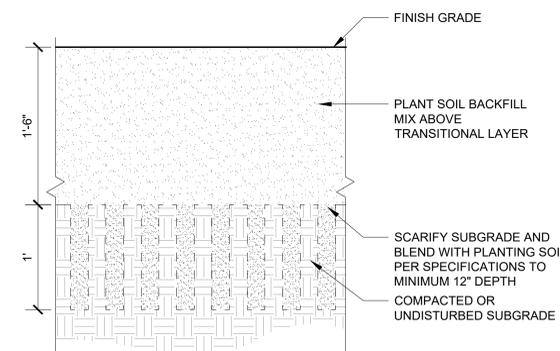
NOTE:
1. SEE PLANTING LAYOUT DETAIL FOR SPACING AND LAYOUT.



5 SHRUB PLANTING
SCALE: 3/4" = 1'-0"

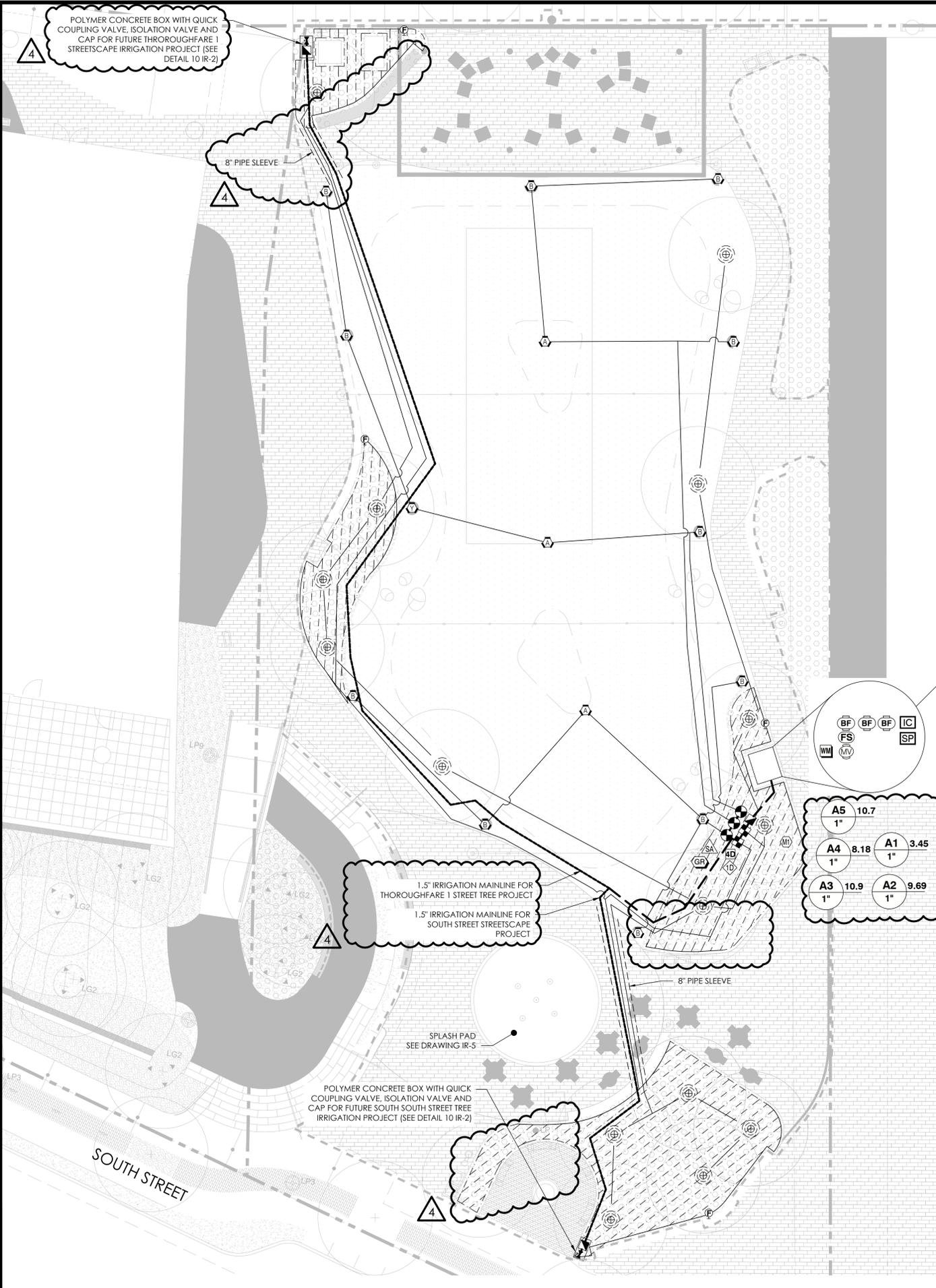


6 SEED MIX
SCALE: 1-1/2" = 1'-0"



7 SOIL PREPARATION GROUNDCOVER AND SHRUBS
SCALE: 1-1/2" = 1'-0"

4/26/2023 12:18:49 PM - C:\USERS\ASHLEYHAMMOND\AQUEOUS - DOCUMENTS\PROJECTS\COPLEY WOLFF\20-0091B - BOYNTON YARDS CIVIC SPACE\20 DESIGN\04 - BOYNTON YARDS CIVIC SPACE\20 IRRIGATION DWG - ASHLEY HAMMOND



GENERAL IRRIGATION STRATEGY

Valve Number → Program Letter → Valve Size (Inches) → Zone Assigned Soil Moisture Sensor Number → Flow (gpm)

Lawn
6-Inch Pop-Up Sprinklers with Head-to-Head Coverage. Use spray nozzles for short distances, rotary nozzles for medium to long distances.

Planting Beds
Drip irrigation grids with flow rates matched to planting soil specification. Typically 0.6 gallon/hour emitters 12 inches on center within drip tubing and drip tubing rows 18 inches apart.

Soil Moisture Sensors
Calibrate soil moisture sensors in field as per manufacturer instructions. Program irrigation controller to irrigate on high limit (wetter) settings during the first year of establishment/guarantee period. Switch to lower limit (minimum allowable) settings after guarantee period at turnkey. Provide soil moisture sensors for each combination of plant species, sun exposure, and soil type.

Cycle-Soak
Program irrigation controller to apply daily water use in soak cycles as to split up application and allow for proper horizontal and vertical movement of water through soils.

IRRIGATION DESIGN BY:

AQUEOUS CONSULTANTS, LLC
1 Dundee Park Drive, Suite 10
Andover, MA 01810
(978) 470-1695
www.aqueous.net

IRRIGATION NOTES

- SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 328400 FOR ADDITIONAL REQUIRED INFORMATION. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- COORDINATE FINAL LOCATION OF IRRIGATION AND VALVE BOXES WITH FINAL APPROVED LANDSCAPE. IN GENERAL, PLACE ALL VALVE BOXES WITHIN PLANTER BEDS TO MAXIMUM EXTENT PRACTICABLE FOR AT-GRADE LANDSCAPE.
- ALL PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC FOR CLARITY; CONTRACTOR SHALL FIELD VERIFY.
- SPECIFIED VALVE BOX LOCATIONS AND COLORS SHALL BE APPROVED BY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
- ALL CONTROL WIRE SHALL BE 14/2 AWG TWO-WIRE INSTALLED PARALLEL TO MAINLINE DIRECT BURIAL WITH DBY/R-6 WIRE SPLICE KITS.
- IRRIGATION SYSTEM IS DESIGNED FOR DOMESTIC WATER SUPPLY AT 12 GPM MAXIMUM. SYSTEM TO PRODUCE 60-PSI DYNAMIC PRESSURE MINIMUM AT EACH AT-GRADE IRRIGATION POINT OF CONNECTION. CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK AND REPORT ANY DEVIATION TO THE OWNER'S REPRESENTATIVE BEFORE CONTINUING.
- INSTALL NEW CONTROLLER IN IRRIGATION ENCLOSURE AS LOCATED APPROXIMATELY ON PLANS, AS DIRECTED BY OWNER'S REPRESENTATIVE. HARD WIRE TO 120 VOLT, DEDICATED 20-AMP CIRCUIT. POWER SUPPLY USING LICENSED ELECTRICIAN TO IRRIGATION CONTROLLER. PROVIDE CELLULAR COMMUNICATIONS FOR IRRIGATION CONTROLLER.
- GROUND IRRIGATION CONTROLLER TO APPROVED GROUNDING ROD LOCATION. COORDINATE WITH SITE ELECTRICAL CONTRACTOR.
- GROUND ALL DECODERS IN THE FIELD BY CONNECTING SURGE ARRESTORS TO BARE COPPER 6AWG WIRE BACK TO GROUNDING RODS AS REQUIRED BY MANUFACTURER.
- COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE. CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
- FLUSH ALL LATERAL LINES BEFORE INSTALLING SPRINKLER AND DRIP IRRIGATION WITH DOMESTIC WATER.
- CONTRACTOR MUST SUBMIT PRODUCT CUT SHEETS AS PER THE WRITTEN SPECIFICATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
- MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
- ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. OWNER'S REPRESENTATIVE MUST BE NOTIFIED 7 DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.

IRRIGATION MATERIAL LIST

SYMBOL	MANUFACTURER/MODEL	DETAIL # (IR-2)
IC	Landscape Irrigation Controller Baseline BaseStation3200 with BaseManager 2.0	1, 2
SP	Splash Pad Controllers	19 (IR-9)
MI	Soil Moisture Sensor with Number	4
1D	1-Station Decoder	2, 5
4D	4-Station Decoder	
SA	Surge Arrestor	3
GR	Decoder Grounding Rod	5
CEZ	Commercial Electric Zone Valve w/Sentry/Scrubber	7
1I	1-Inch Drip Control Zone Kit (Filter, PR)	8
QC	Quick Coupler Valve	9
1IG	1-Inch Isolation Gate Valve with Cross Handle	10
SYMBOL	MANUFACTURER/MODEL	DETAIL # (IR-3)
F	Automatic Flush Valve	11
[Grid]	Planted Area and Trees to Receive Dripline 0.6 gph Emitters 12" O.C. at 18" Row Spacing	12
TS	Tree/Shrub Rings with 0.9 gph Emitter 12" O.C. at 2' and 3' Diameter Centered on Trunk/Root Ball	13
IL	Irrigation Lateral Line: PVC Schedule 40 Size as Noted, Unlabeled Pipe = 1-Inch	14
IM	Irrigation Mainline: 2-Inch PVC Schedule 40	
IMF	Irrigation Mainline: 1.5-Inch PVC Sch. 40 (Future Work)	15
PS	Pipe Sleeve: PVC SDR 35 Solvent Weld (with Size)	
6P	6" Pop-Up Rotary Sprinkler w/CV PR40 (Large)	16
FS	2 Inch Brass Flow Sensor	18 (IR-9)
BF	1, 1.5, 2 RPZ Backflow Preventer	
MV	2 Inch Brass Master Valve	
WM	Water Meter	

PREPARED BY:

Copley Wolff Design Group
Landscape Architects & Planners

PROJECT NAME / CLIENT:
BOYNTON YARDS - CIVIC SPACE 1
101 SOUTH STREET, SOMERVILLE, MA
101 SOUTH STREET OWNER LLC

CADD PROJECT NUMBER: 2036-000

ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN 47 - INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1

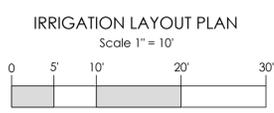
STAMP:

3/10/2023

DRAWING TITLE:
IRRIGATION LAYOUT PLAN

DRAWN BY: TSL
CHECKED BY: MI
SCALE: 1" = 10'
DATE: 3.10.23
SHEET 1 OF 10
DRAWING NUMBER:

IR-1



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CWDG PROJECT NUMBER: 2038-000
 ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN 47 - INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1

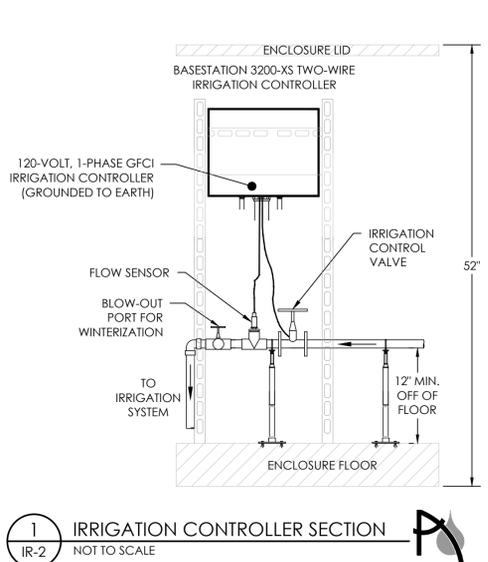
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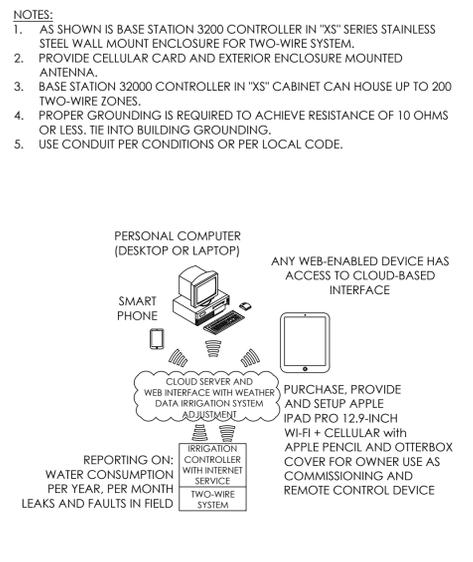
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DRAWN BY: TSL
 CHECKED BY: MI
 SCALE:
 DATE: 3.10.23
 SHEET 2 OF 10
 DRAWING NUMBER:

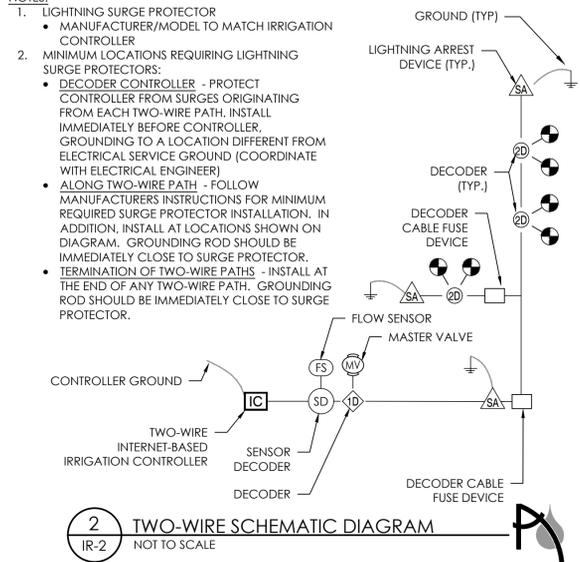
IR-2



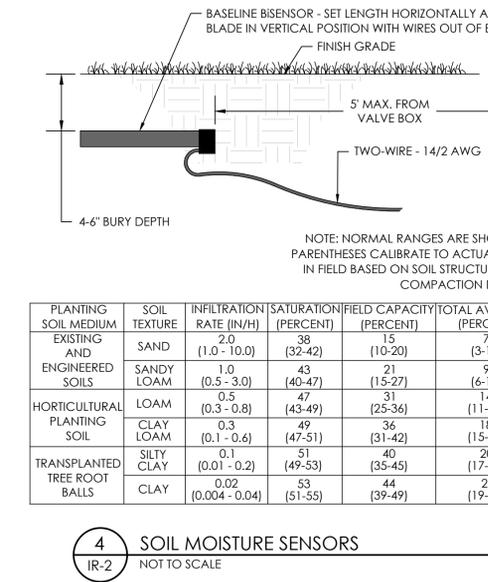
1 IRRIGATION CONTROLLER SECTION
 IR-2 NOT TO SCALE



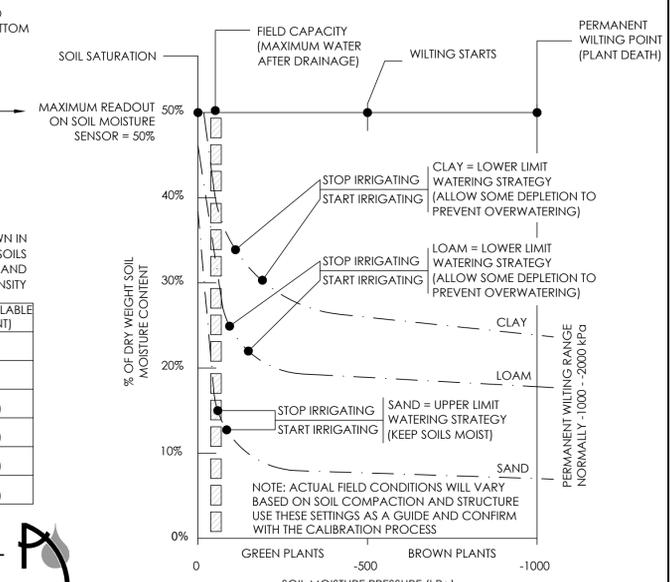
2 TWO-WIRE SCHEMATIC DIAGRAM
 IR-2 NOT TO SCALE



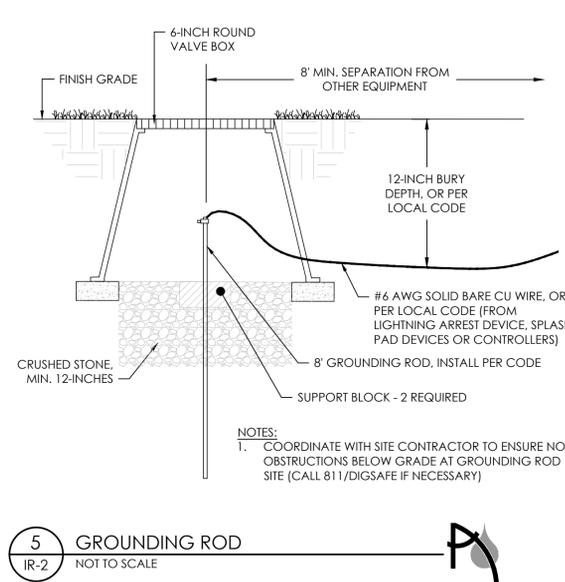
3 LIGHTNING ARREST AND DECODER FUSE DEVICE
 IR-2 NOT TO SCALE



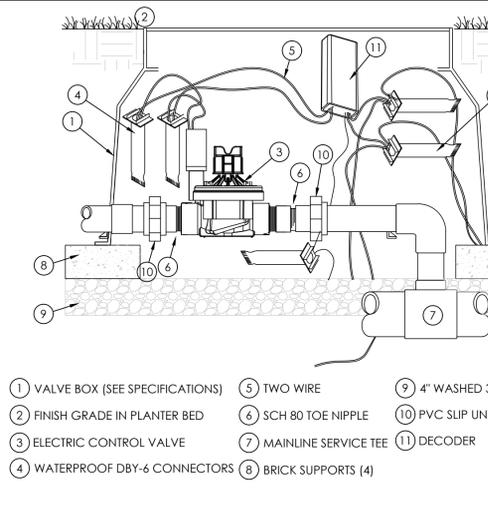
4 SOIL MOISTURE SENSORS
 IR-2 NOT TO SCALE



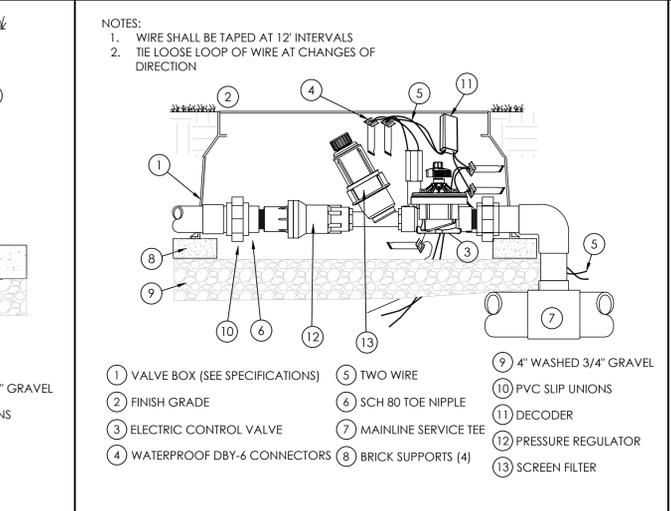
5 GROUNDING ROD
 IR-2 NOT TO SCALE



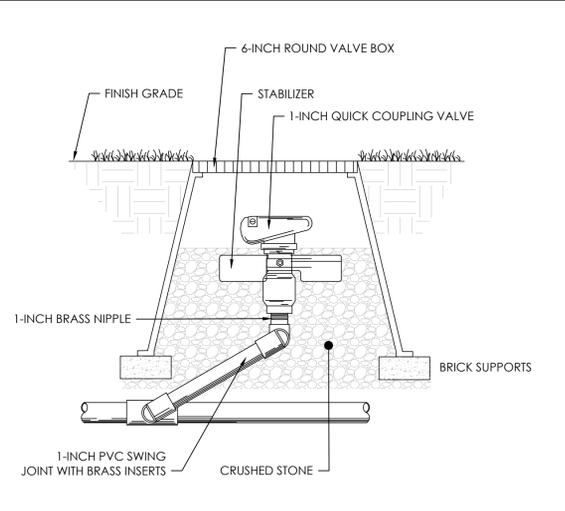
6 WIRE SPLICE KIT
 IR-2 NOT TO SCALE



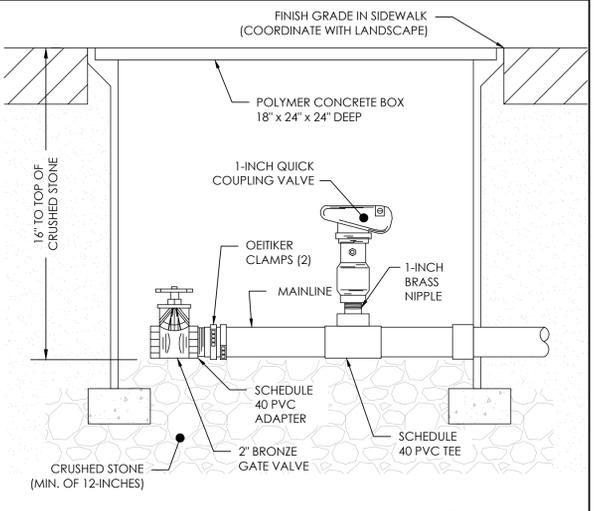
7 SPRINKLER ZONE VALVE WITH DECODER
 IR-2 NOT TO SCALE



8 DRIP ZONE VALVE WITH DECODER
 IR-2 NOT TO SCALE

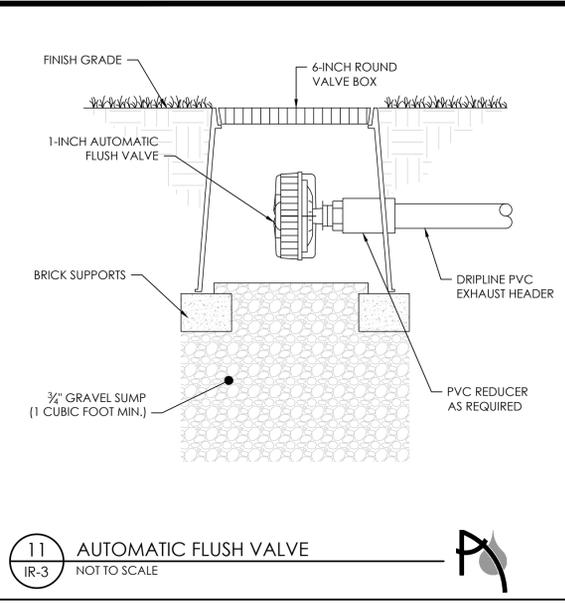


9 QUICK COUPLING VALVE
 IR-2 NOT TO SCALE

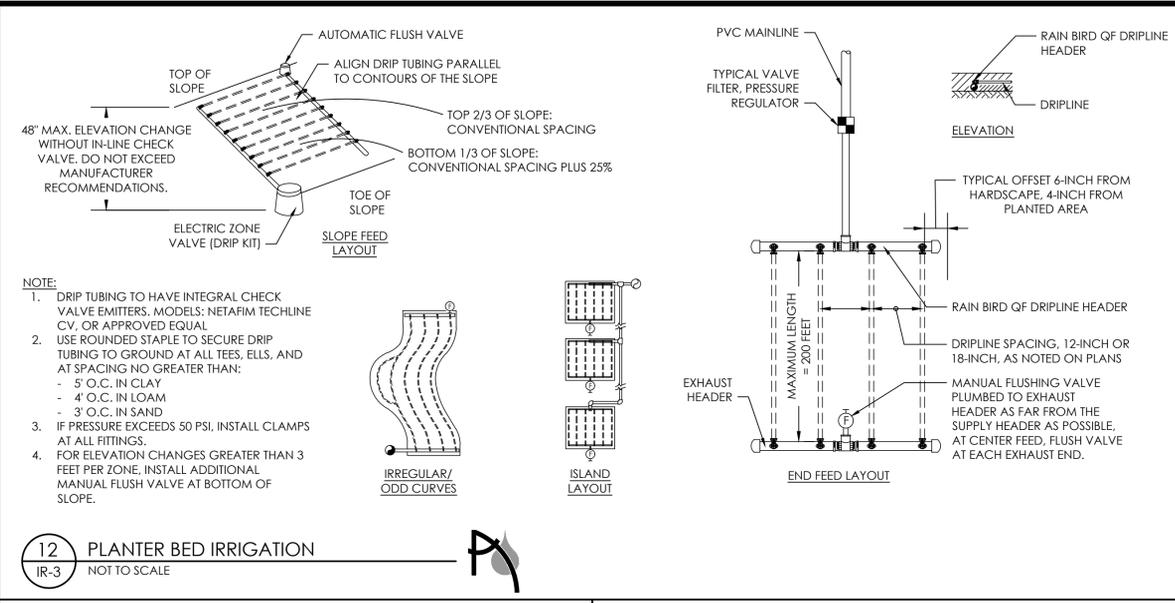


10 ISOLATION VALVE AND QUICK COUPLING VALVE IN POLYMER CONCRETE VALVE BOX
 IR-2 NOT TO SCALE

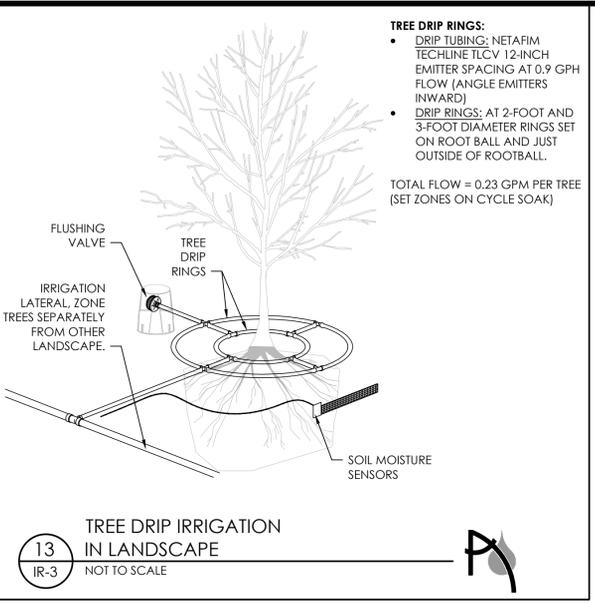
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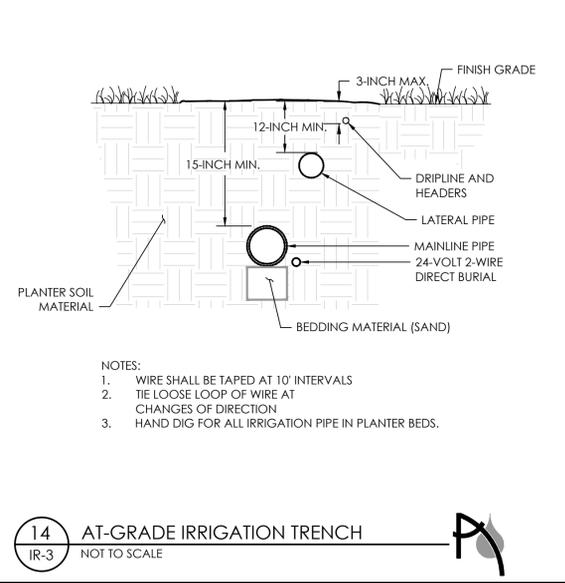
11 AUTOMATIC FLUSH VALVE
IR-3 NOT TO SCALE



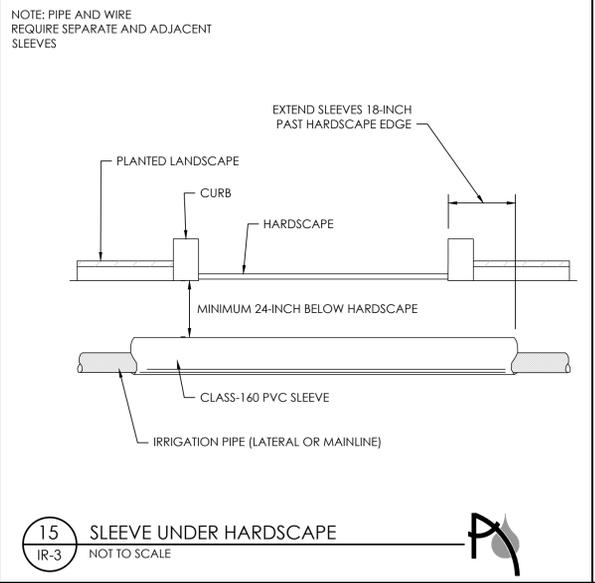
12 PLANTER BED IRRIGATION
IR-3 NOT TO SCALE



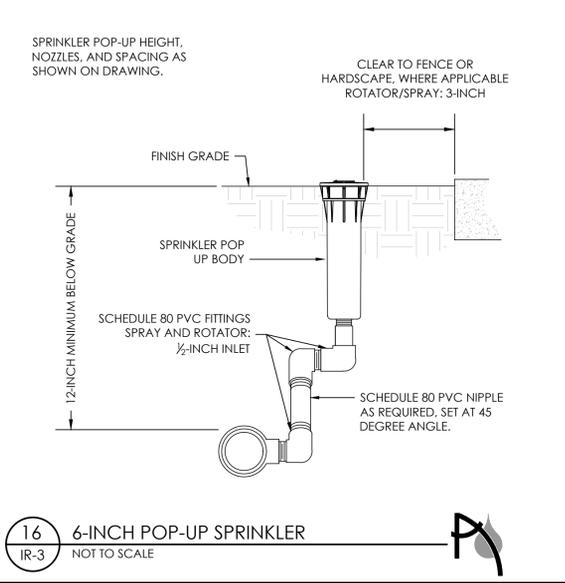
13 TREE DRIP IRRIGATION IN LANDSCAPE
IR-3 NOT TO SCALE



14 AT-GRADE IRRIGATION TRENCH
IR-3 NOT TO SCALE



15 SLEEVE UNDER HARDSCAPE
IR-3 NOT TO SCALE



16 6-INCH POP-UP SPRINKLER
IR-3 NOT TO SCALE

NOTE: PIPE AND WIRE REQUIRE SEPARATE AND ADJACENT SLEEVES

SPRINKLER POP-UP HEIGHT, NOZZLES, AND SPACING AS SHOWN ON DRAWING.

CADD PROJECT NUMBER: 2036-000

ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN 47 - INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1

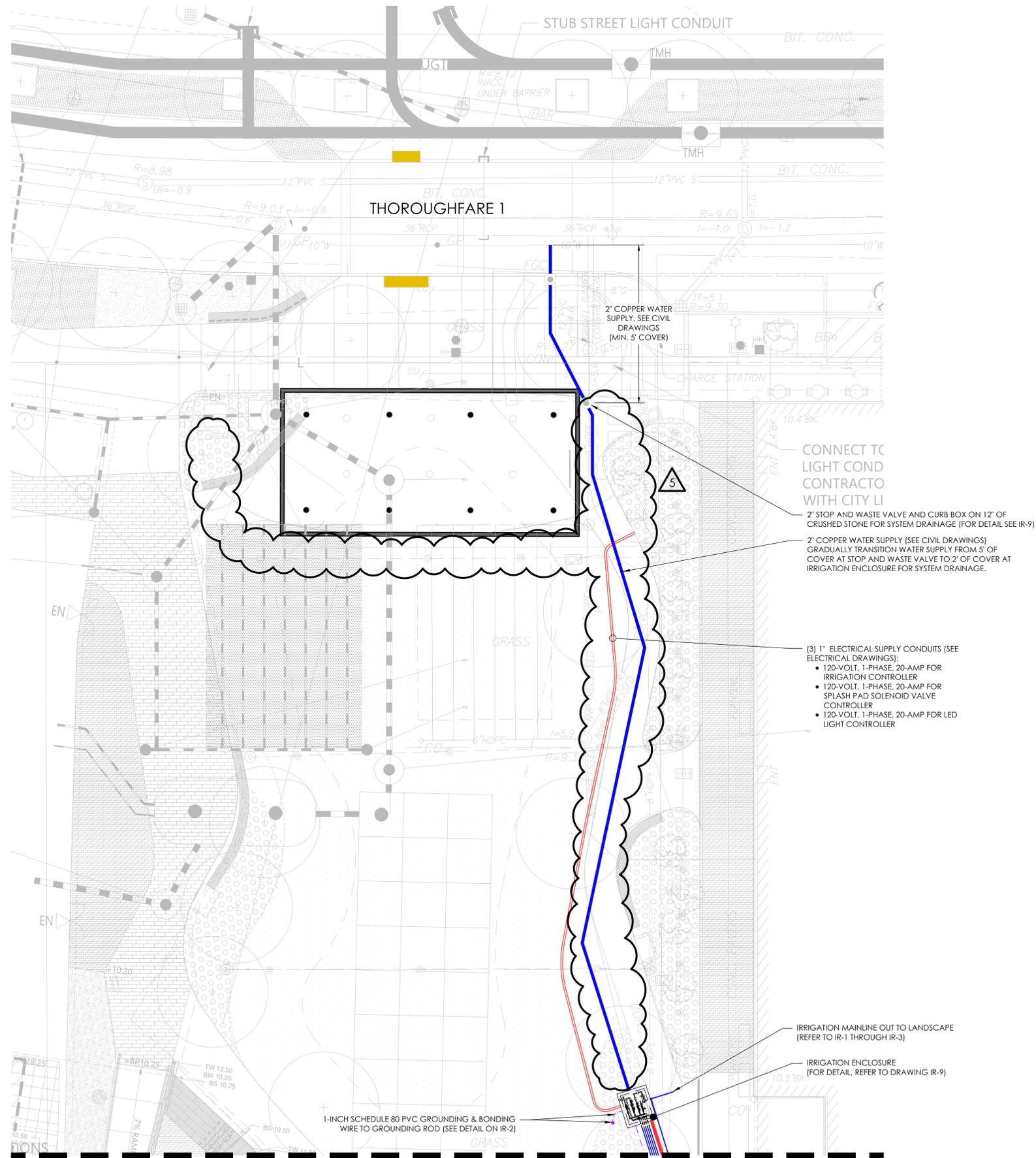
STAMP:

DRAWING TITLE:
IRRIGATION DETAILS - 2

DRAWN BY: TSL
CHECKED BY: MI
SCALE:
DATE: 3.10.23
SHEET 3 OF 10
DRAWING NUMBER:

IR-3

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TRENCH SAFETY NOTES

- 5 FEET AND DEEPER REQUIRES PROTECTIVE SYSTEMS (SHORING, SLOPING, OR TRENCH BOX).
- OSHA-CERTIFIED PERSON REQUIRED TO PROVIDE INSPECTIONS TO TRENCH AND PROTECTIVE SYSTEM.
- SAFE MEANS OF ACCESS/EGRESS EVERY 25 FEET WHEN TRENCH IS 4 FEET OR GREATER.
- KEEP EXCAVATED MATERIALS (SPOILS) MORE THAN 2 FEET FROM EDGE OF EXCAVATION.
- IDENTIFY LOCATION OF UTILITIES BY CALLING DigSafe 1-888-344-7233.
- A TRENCH PERMIT MUST BE POSTED IN PLAIN VIEW ON THE SITE OF THE TRENCH.
- ALL REGULATED TRENCHES MUST BE EITHER ATTENDED, COVERED, BARRICADED, OR BACKFILLED.
- EXCAVATORS WHO USE HOISTING EQUIPMENT MUST BE LICENSED BY MA DEPT OF PUBLIC SAFETY.



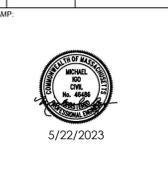
PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1
101 SOUTH STREET, SOMERVILLE, MA
101 SOUTH STREET OWNER LLC

CADD PROJECT NUMBER: 2036-000

ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN 47 INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1
5	5.22.2023	ADDENDUM NO. 2



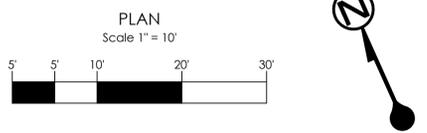
DESIGN BY:

Aqueous

AQUEOUS CONSULTANTS, LLC
1 Dundee Park Drive, Suite 10
Andover, MA 01810
(978) 470-1695
www.aqueous.net

DRAWING TITLE:
WATER FEATURE LAYOUT PLAN 1 OF 2

DRAWN BY: AEH
CHECKED BY: MI
SCALE: 1" = 10'
DATE: 3.10.23
SHEET 4 OF 10
DRAWING NUMBER:



IR-4

MATCHLINE A - SEE DRAWING IR-5

MATCHLINE A - SEE DRAWING IR-4

TRENCH SAFETY NOTES

- 5 FEET AND DEEPER REQUIRES PROTECTIVE SYSTEMS (SHORING, SLOPING, OR TRENCH BOX).
- OSHA-CERTIFIED PERSON REQUIRED TO PROVIDE INSPECTIONS TO TRENCH AND PROTECTIVE SYSTEM.
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- A TRENCH PERMIT MUST BE POSTED IN PLAIN VIEW ON THE SITE OF THE TRENCH.
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- EXCAVATORS WHO USE HOISTING EQUIPMENT MUST BE LICENSED BY MA DEPT OF PUBLIC SAFETY.



Copley Wolff Design Group
Landscape Architects & Planners

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1
101 SOUTH STREET, SOMERVILLE, MA
101 SOUTH STREET OWNER LLC

CADD PROJECT NUMBER: 2036-000

ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN #7 INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1

STAMP:



3/10/2023

DRAWING TITLE:
WATER FEATURE LAYOUT PLAN 2 OF 2

DRAWN BY: AEH

CHECKED BY: MI

SCALE: 1" = 5'

DATE: 3.10.23

SHEET 6 OF 10

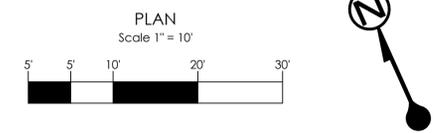
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IR-5

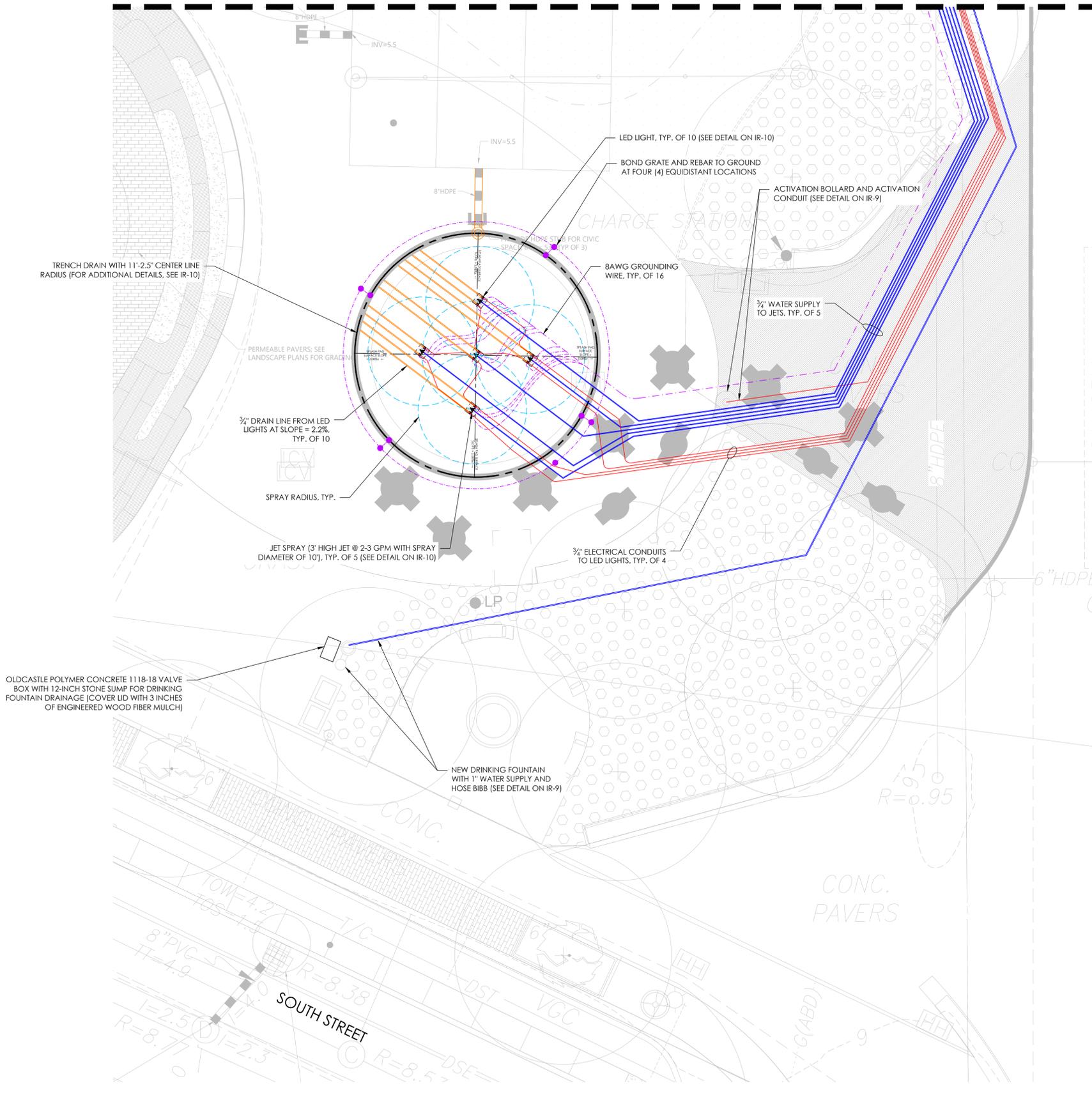


DESIGN BY:

AQUEOUS CONSULTANTS, LLC
1 Dundee Park Drive, Suite 10
Andover, MA 01810
(978) 470-1695
www.aqueous.net



4/26/2023 12:19:07 PM - C:\USERS\ASHLEYHAMMOND\AQUEOUS CONSULTANTS\AQUEOUS - DOCUMENTS\PROJECTS\COPLEY WOLFF\20-0091B - BOYNTON YARDS CIVIC SPACE\20 DESIGN\04 - ADDENDUM 1\BOYNTON CIVIC SPACE\PAD.DWG - ASHLEY HAMMOND



TRENCH DRAIN WITH 11'-2.5" CENTER LINE RADIUS (FOR ADDITIONAL DETAILS, SEE IR-10)

PERMEABLE PAVERS: SEE LANDSCAPE PLANS FOR GRADING

3/4" DRAIN LINE FROM LED LIGHTS AT SLOPE = 2.2%, TYP. OF 10

SPRAY RADIUS, TYP.

JET SPRAY (3' HIGH JET @ 2-3 GPM WITH SPRAY DIAMETER OF 10'), TYP. OF 5 (SEE DETAIL ON IR-10)

OLDCASTLE POLYMER CONCRETE 1118-18 VALVE BOX WITH 12-INCH STONE SUMP FOR DRINKING FOUNTAIN DRAINAGE (COVER LID WITH 3 INCHES OF ENGINEERED WOOD FIBER MULCH)

NEW DRINKING FOUNTAIN WITH 1" WATER SUPPLY AND HOSE BIBB (SEE DETAIL ON IR-9)

LED LIGHT, TYP. OF 10 (SEE DETAIL ON IR-10)

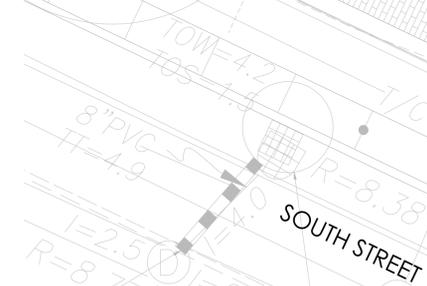
BOND GRATE AND REBAR TO GROUND AT FOUR (4) EQUIDISTANT LOCATIONS

8AWG GROUNDING WIRE, TYP. OF 16

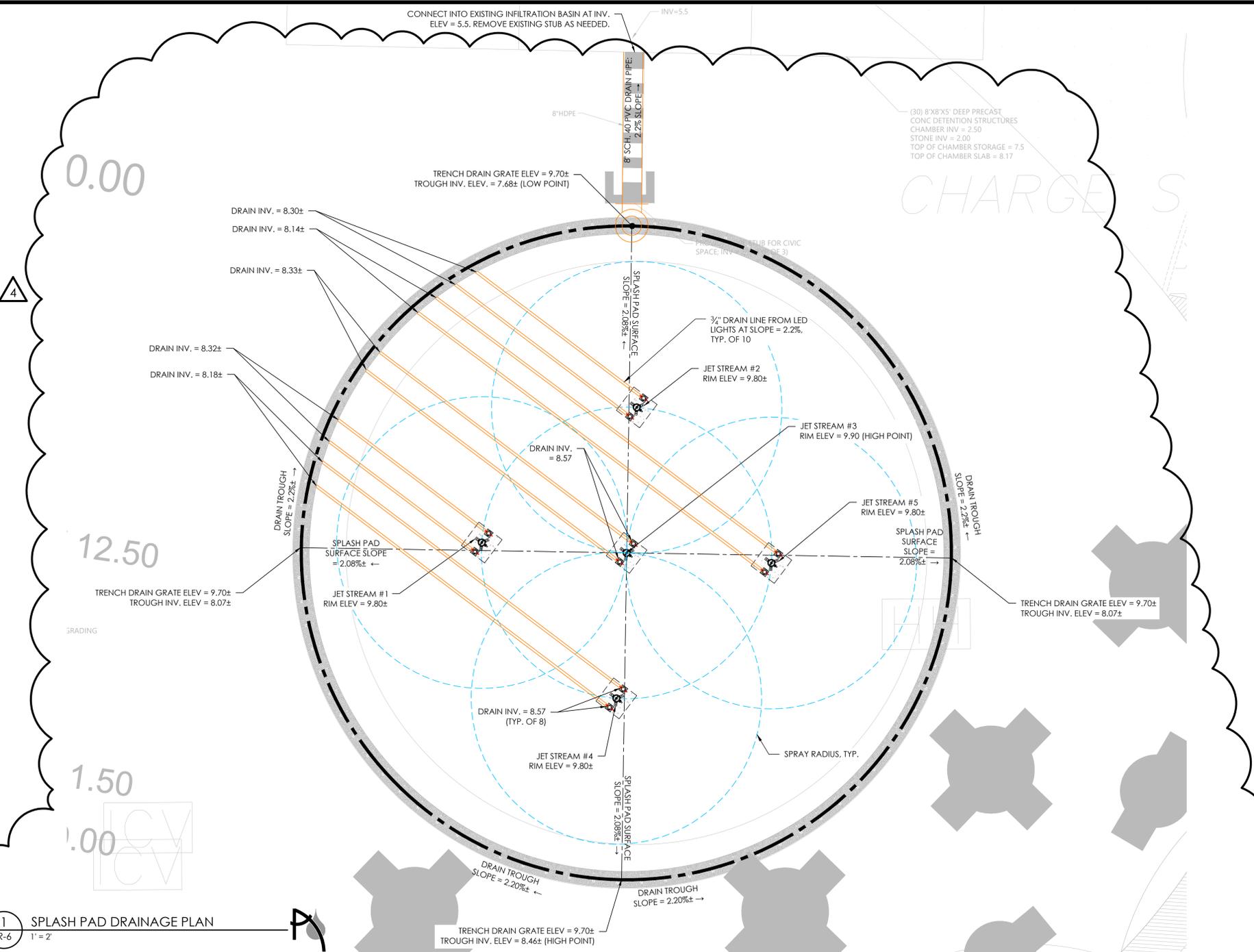
ACTIVATION BOLLARD AND ACTIVATION CONDUIT (SEE DETAIL ON IR-9)

3/4" WATER SUPPLY TO JETS, TYP. OF 5

3/4" ELECTRICAL CONDUITS TO LED LIGHTS, TYP. OF 4



4/26/2023 12:19:34 PM - C:\USERS\ASHLEYHAMMOND\AQUEOUS CONSULTANTS\PROJECTS\COPLEY WOLF\20-0091B - BOYNTON YARDS CIVIC SPACE\20 DESIGN\4 - ADDENDUM 1\BOYNTON CIVIC SPLASH PAD.DWG - ASHLEY HAMMOND



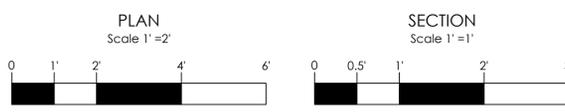
1 SPLASH PAD DRAINAGE PLAN
IR-6
1" = 2'

TRENCH SAFETY NOTES

- 5 FEET AND DEEPER REQUIRES PROTECTIVE SYSTEMS (SHORING, SLOPING, OR TRENCH BOX).
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- EXCAVATORS WHO USE HOISTING EQUIPMENT MUST BE LICENSED BY MA DEPT OF PUBLIC SAFETY.

NOTES

- REFER TO LANDSCAPE DRAWINGS FOR SPLASH PAD CONCRETE FINISH/DESIGN.
- SEE WATER FEATURE DETAILS AND SPECIFICATIONS SECTION 13 13 13 FOR ADDITIONAL REQUIRED INFORMATION.
- CONTRACTOR SHALL SUBMIT QUALIFICATIONS OF SIMILAR WORK PERFORMED RECENTLY (SEE SPECIFICATIONS). OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO DISQUALIFY CONTRACTORS THAT DO NOT MEET EXPERIENCE OR STAFFING REQUIREMENTS.
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101 SOUTH STREET, SOMERVILLE, MA
101 SOUTH STREET OWNER LLC

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ISSUANCES:

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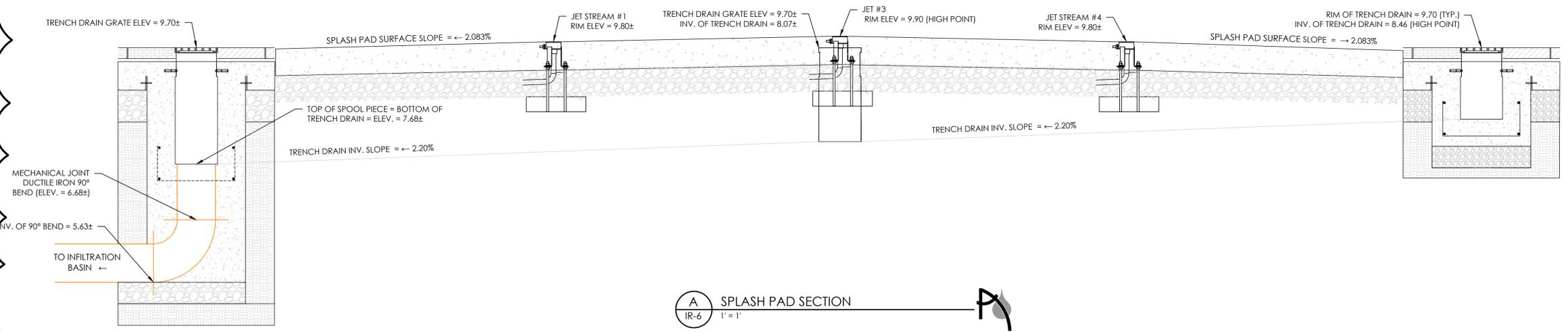


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Aqueous
AQUEOUS CONSULTANTS, LLC
1 Dundee Park Drive, Suite 10
Andover, MA 01810
(978) 470-1695
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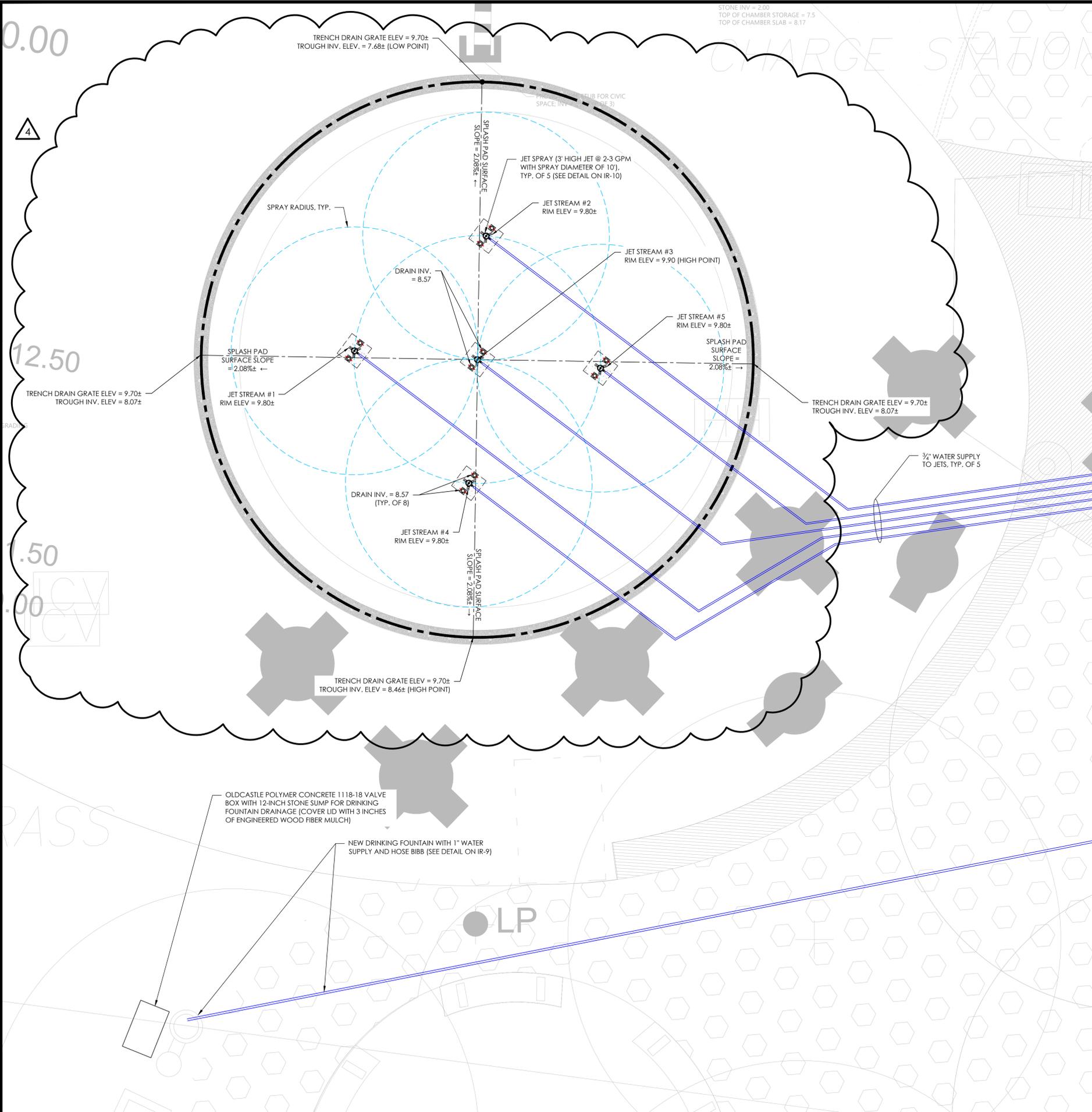
DRAWING TITLE:
SPLASH PAD DRAINAGE PLAN
DRAWN BY: AEH
CHECKED BY: MI
SCALE: 1" = 2'
DATE: 3.10.23
SHEET 6 OF 10
DRAWING NUMBER:

IR-6

A SPLASH PAD SECTION
IR-6
1" = 1'



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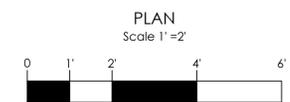


TRENCH SAFETY NOTES

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DESIGN BY:



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 www.aqueous.net



BOYNTON YARDS - CIVIC SPACE 1
 101 SOUTH STREET, SOMERVILLE, MA
 101 SOUTH STREET OWNER LLC

REV #	DATE	DESCRIPTION
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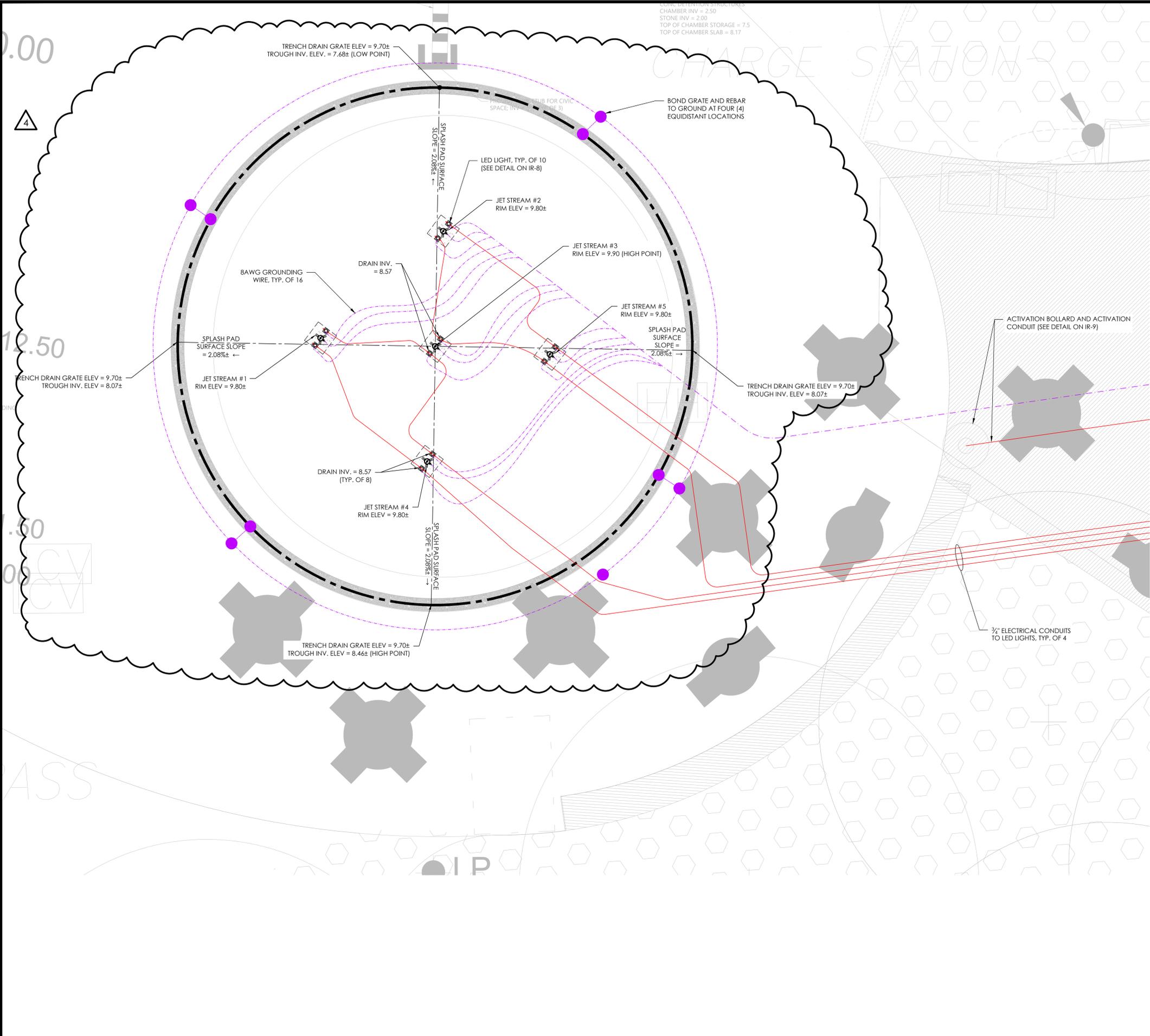
DRAWING TITLE:
SPLASH PAD WATER PLAN

DRAWN BY:	AEH
CHECKED BY:	MI
SCALE:	1" = 2'
DATE:	3.10.23
SHEET	7 OF 10
DRAWING NUMBER:	

IR-7

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CHARGE STATION
 CHAMBER INV = 2.50
 STONE INV = 2.00
 TOP OF CHAMBER STORAGE = 7.5
 TOP OF CHAMBER SLAB = 8.17

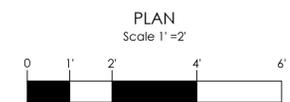


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CADD PROJECT NUMBER: 2036-000
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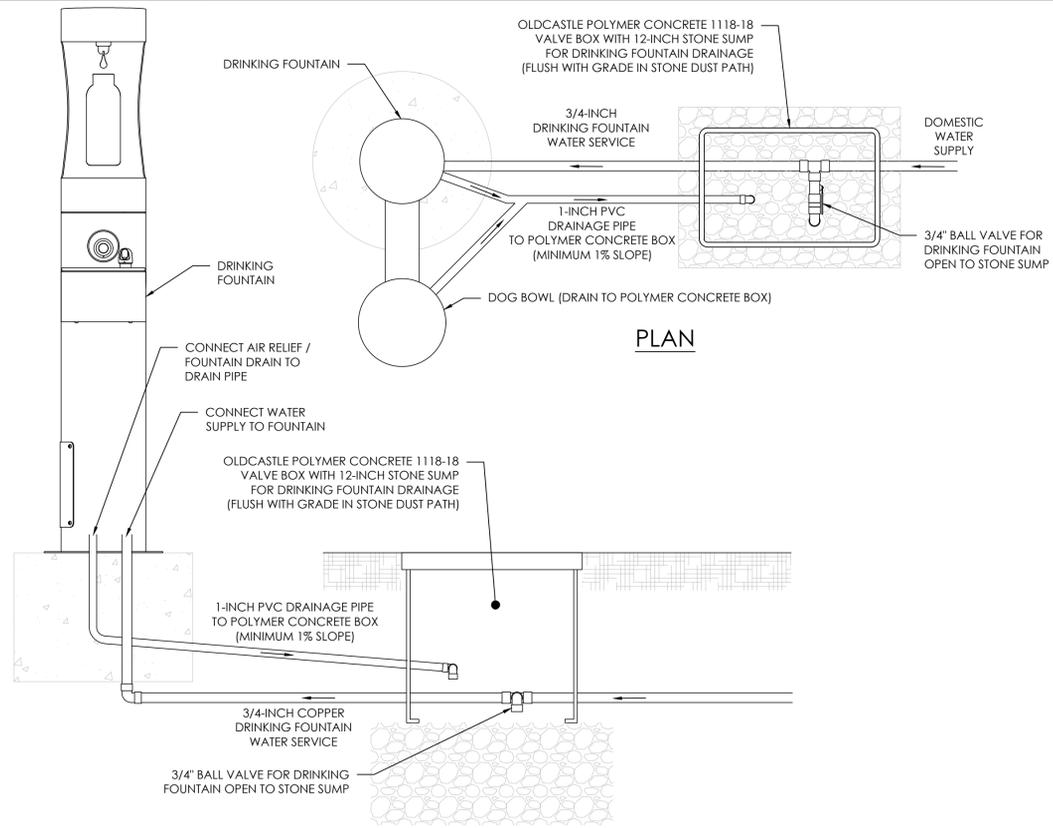
DRAWING TITLE:
SPLASH PAD ELECTRICAL PLAN

DRAWN BY:	AEH
CHECKED BY:	MI
SCALE:	1" = 2"
DATE:	3.10.23
SHEET	8 OF 10
DRAWING NUMBER:	

IR-8



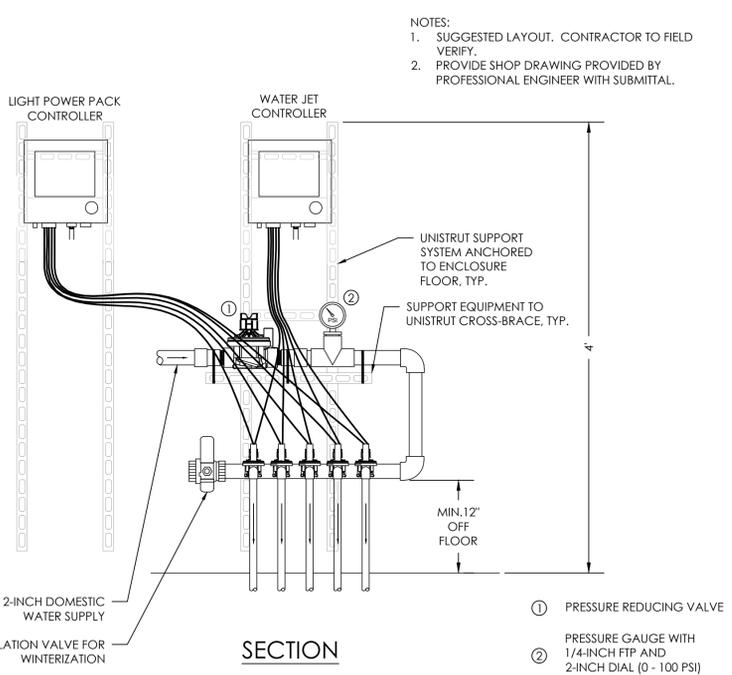
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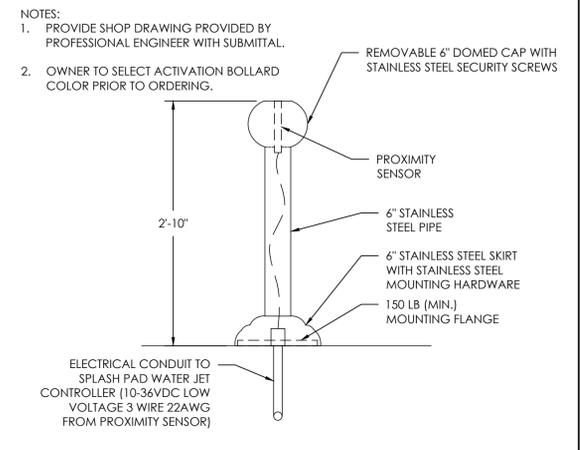
17 DRINKING FOUNTAIN
IR-9 NOT TO SCALE

NOTE:
1. PROVIDE SHOP DRAWING PROVIDED BY PROFESSIONAL ENGINEER WITH SUBMITTAL.

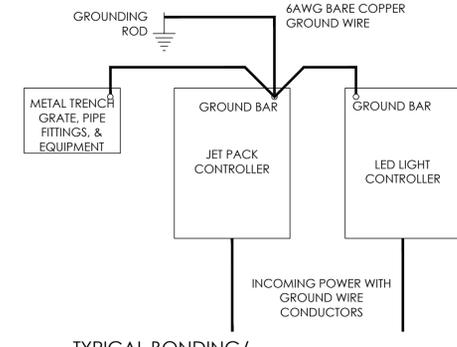
19 WATER FEATURE CONTROL PANEL SECTION
IR-9 NOT TO SCALE



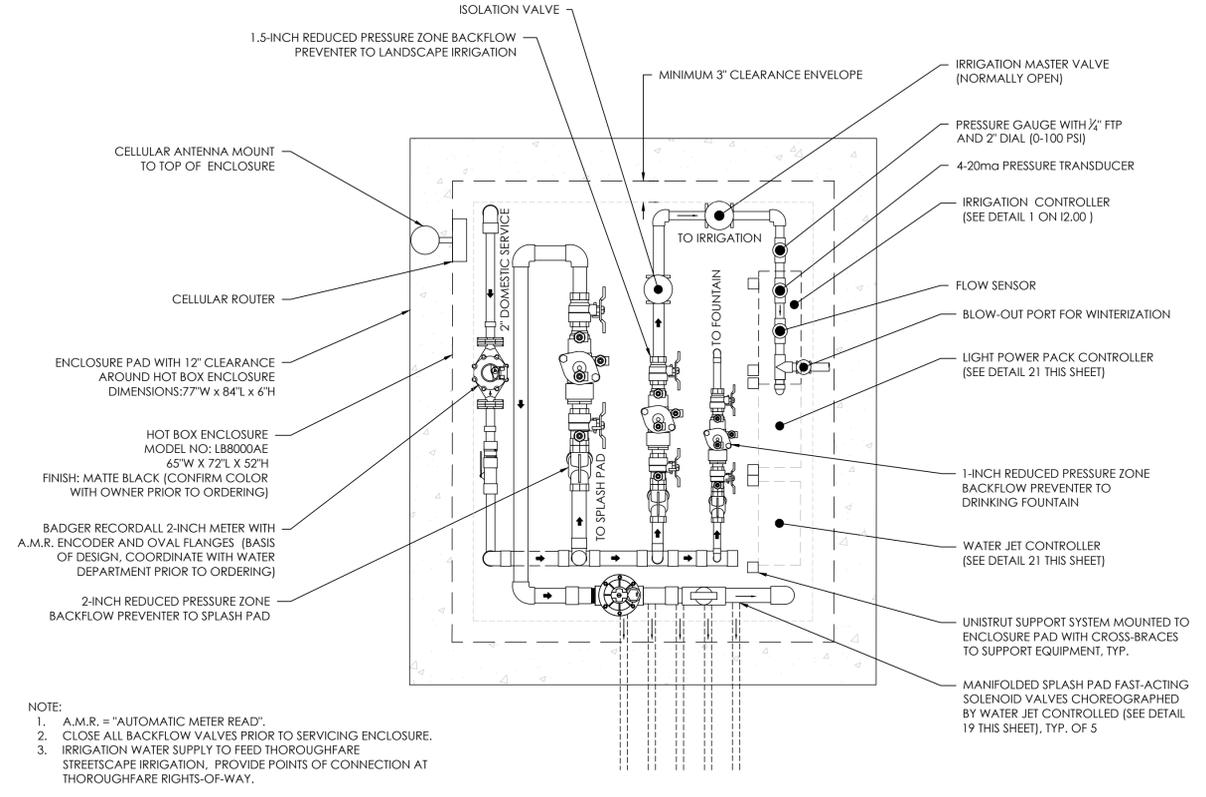
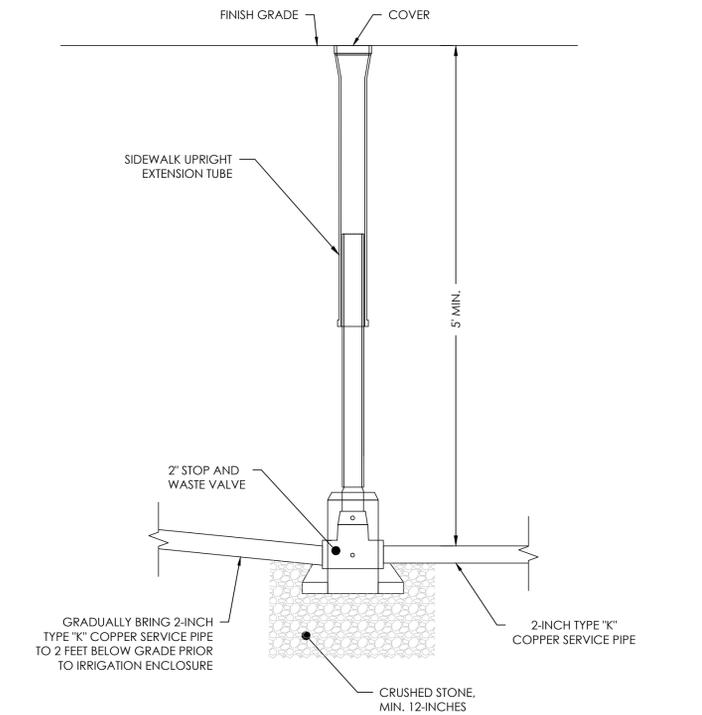
21 SPLASH PAD ACTIVATION BOLLARD
IR-9 NOT TO SCALE



22 TYPICAL BONDING/ GROUNDING SCHEMATIC
IR-9 NOT TO SCALE



20 CURB STOP AND WASTE VALVE FOR SYSTEM DRAINAGE
IR-9 NOT TO SCALE



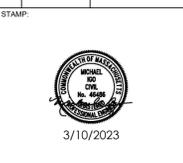
18 IRRIGATION AND WATER FEATURE ENCLOSURE
IR-9 NOT TO SCALE

NOTE:
1. A.M.R. = "AUTOMATIC METER READ".
2. CLOSE ALL BACKFLOW VALVES PRIOR TO SERVICING ENCLOSURE.
3. IRRIGATION WATER SUPPLY TO FEED THOROUGHFARE STREETScape IRRIGATION. PROVIDE POINTS OF CONNECTION AT THOROUGHFARE RIGHTS-OF-WAY.

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DRAWING TITLE:
WATER FEATURE DETAILS - 1

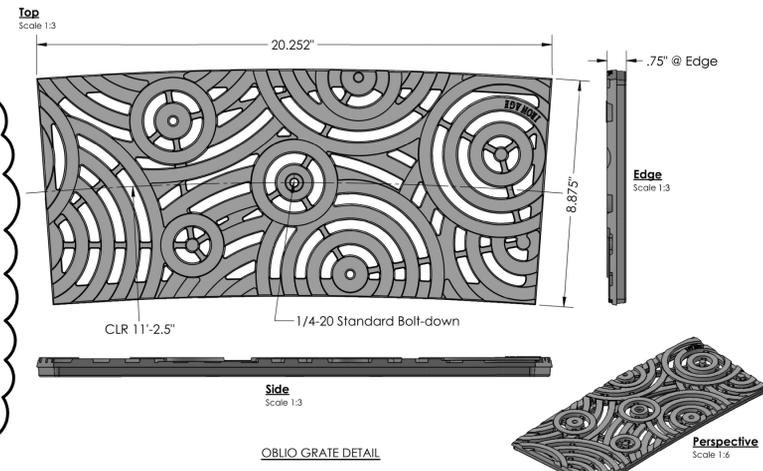
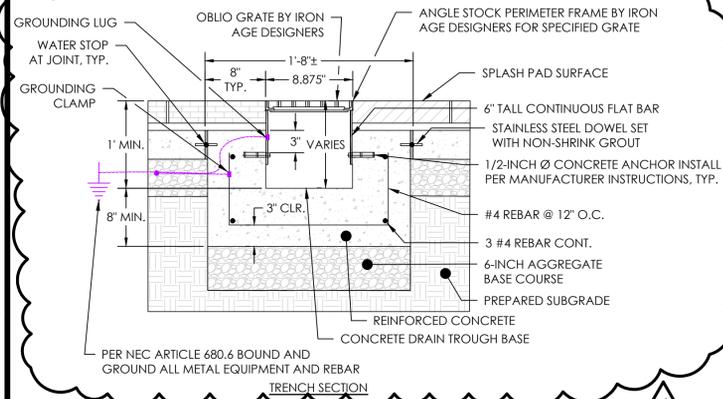
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CHECKED BY: MI
SCALE: AS SHOWN
DATE: 3.10.23
SHEET 9 OF 10
DRAWING NUMBER:

IR-9

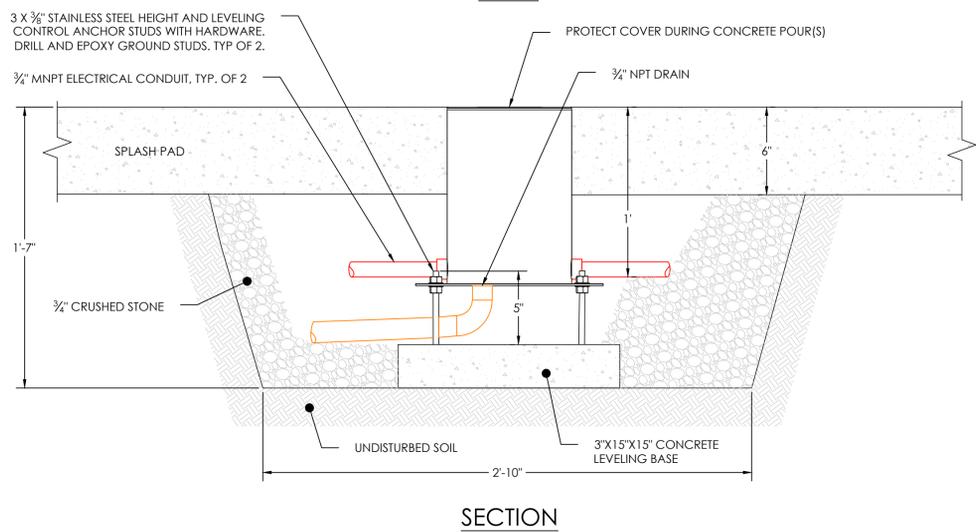
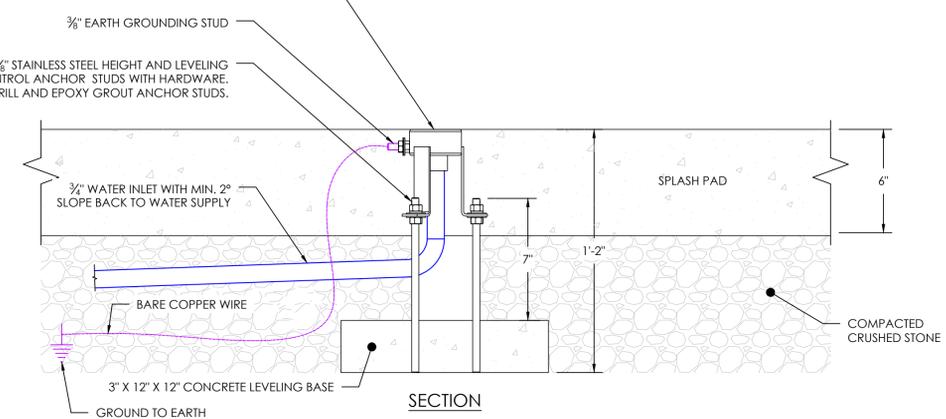
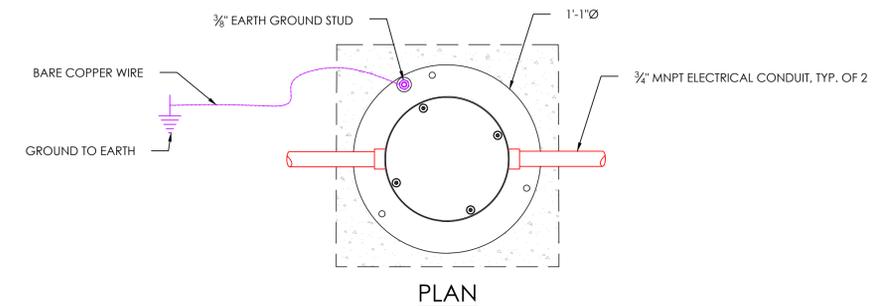
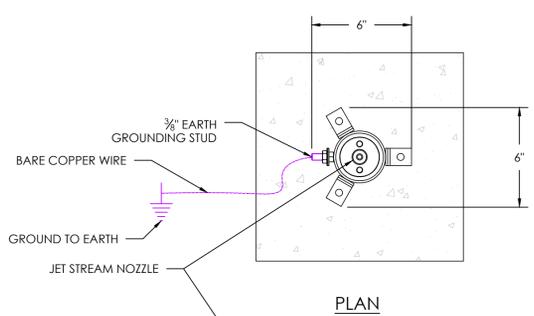
4/26/2023 12:18:56 PM - C:\USERS\ASHLEYHAMMOND\AQUAEIOUS CONSULTANT\AQUAEIOUS - DOCUMENTS\PROJECTS\COPLEY WOLF\2020-0091B - BOYNTON YARDS CIVIC SPACE\20 DESIGN\04_ADDENDUM 1\BOYNTON CIVIC SPLASH PAD.DWG - ASHLEY HAMMOND

- GRATE NOTES:**
1. MATERIAL: CAST DUCTILE IRON
 2. NATURAL FINISH
 3. EDGE THICKNESS: 3/4"
 4. FITS DRAIN CHANNELS MANUFACTURED BY: IRON AGE
 5. NO OPENINGS GREATER THAN 1/2"
 6. WEIGHT APPROX. 19 LBS
 7. DUE TO CASTING INCONSISTENCIES ALL DIMENSIONS ARE NOMINAL
 8. PROVIDE SHOP DRAWING PROVIDED BY PROFESSIONAL ENGINEER WITH SUBMITTAL.

- TRENCH NOTES:**
1. PROVIDE SHOP DRAWINGS BY MANUFACTURER FOR OWNER'S REPRESENTATIVE'S REVIEW.



23 TRENCH DRAIN AND GRATE
IR-10 NOT TO SCALE



24 JET STREAM
IR-10 NOT TO SCALE

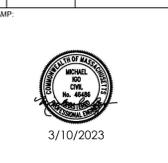
NOTE:
1. PROVIDE SHOP DRAWING PROVIDED BY SPLASH PAD MANUFACTURER WITH SUBMITTAL.

25 RGBW LED LIGHT
IR-10 NOT TO SCALE

CADD PROJECT NUMBER: 2036-000

ISSUANCES:

REV #	DATE	DESCRIPTION
1	12.15.2020	BULLETIN #7 INTERIM PARK
2	10.07.2022	90% CONSTRUCTION DOCUMENTS
3	3.10.2023	100% CONSTRUCTION DOCUMENTS
4	4.26.2023	ADDENDUM NO. 1



DRAWING TITLE:
WATER FEATURE DETAILS - 2

DRAWN BY: AEH
CHECKED BY: MI
SCALE: AS SHOWN
DATE: 3.10.23
SHEET 10 OF 10
DRAWING NUMBER:

PREPARED BY:



Copley Wolff Design Group
Landscape Architects & Planners

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1

101 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2016

ISSUANCES:

REV #	DATE	DESCRIPTION
1	XX.XX.XX	ADDENDUM 1

STAMP:

90% CD
PROGRESS SET

DRAWING TITLE:

POWER AND LIGHTING PLAN

DRAWN BY:

CHECKED BY:

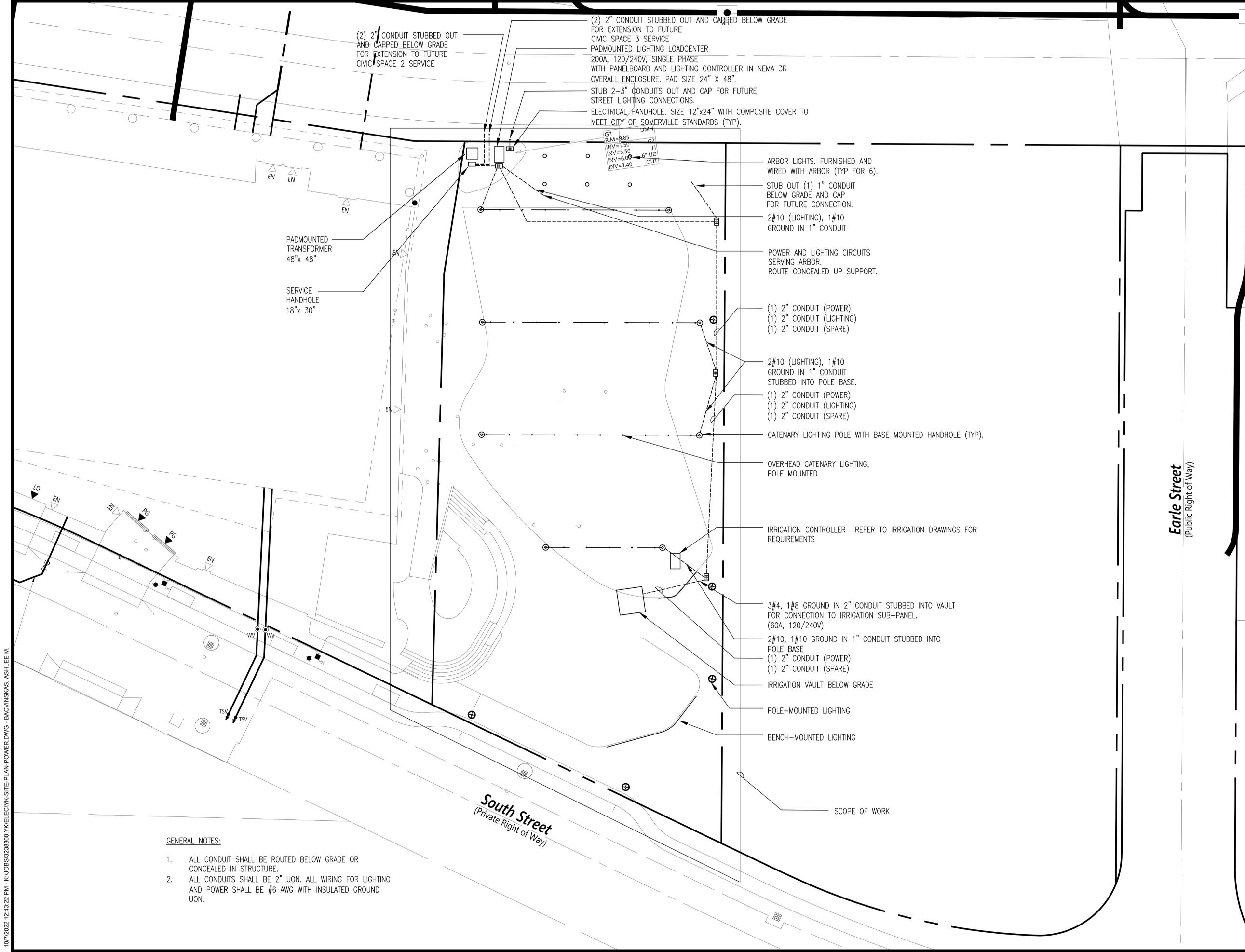
SCALE:

DATE: 10.07.22

SHEET OF

DRAWING NUMBER:

E-11



(2) 2" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 2 SERVICE

(2) 2" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 3 SERVICE

PADMOUNTED LIGHTING LOADCENTER
200A, 120/240V, SINGLE PHASE
WITH PANELBOARD AND LIGHTING CONTROLLER IN NEMA 3R OVERALL ENCLOSURE. PAD SIZE 24" X 48".

STUB 2-3" CONDUITS OUT AND CAP FOR FUTURE STREET LIGHTING CONNECTIONS.

ELECTRICAL HANDHOLE, SIZE 12"x24" WITH COMPOSITE COVER TO MEET CITY OF SOMERVILLE STANDARDS (TYP).

ARBOR LIGHTS. FURNISHED AND WIRED WITH ARBOR (TYP FOR 6).

STUB OUT (1) 1" CONDUIT BELOW GRADE AND CAP FOR FUTURE CONNECTION.

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT

POWER AND LIGHTING CIRCUITS SERVING ARBOR. ROUTE CONCEALED UP SUPPORT.

(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (LIGHTING)
(1) 2" CONDUIT (SPARE)

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE.

(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (LIGHTING)
(1) 2" CONDUIT (SPARE)

CATENARY LIGHTING POLE WITH BASE MOUNTED HANDHOLE (TYP).

OVERHEAD CATENARY LIGHTING, POLE MOUNTED

IRRIGATION CONTROLLER- REFER TO IRRIGATION DRAWINGS FOR REQUIREMENTS

3#4, 1#8 GROUND IN 2" CONDUIT STUBBED INTO VAULT FOR CONNECTION TO IRRIGATION SUB-PANEL. (60A, 120/240V)

2#10, 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE
(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (SPARE)

IRRIGATION VAULT BELOW GRADE

POLE-MOUNTED LIGHTING

BENCH-MOUNTED LIGHTING

SCOPE OF WORK

PADMOUNTED TRANSFORMER
48" x 48"

SERVICE HANDHOLE
18" x 30"

GENERAL NOTES:

- ALL CONDUIT SHALL BE ROUTED BELOW GRADE OR CONCEALED IN STRUCTURE.
- ALL CONDUITS SHALL BE 2" UON. ALL WIRING FOR LIGHTING AND POWER SHALL BE #6 AWG WITH INSULATED GROUND UON.

South Street
(Private Right of Way)

Earle Street
(Public Right of Way)

10/7/2022 12:45:25 PM - K:\JOBS\3238800\KIELECYK-SITE-PLAN-POWER.DWG - BACVINSKAS, ASHLEE M.

CWDG PROJECT NUMBER: 2036

ISSUANCES:

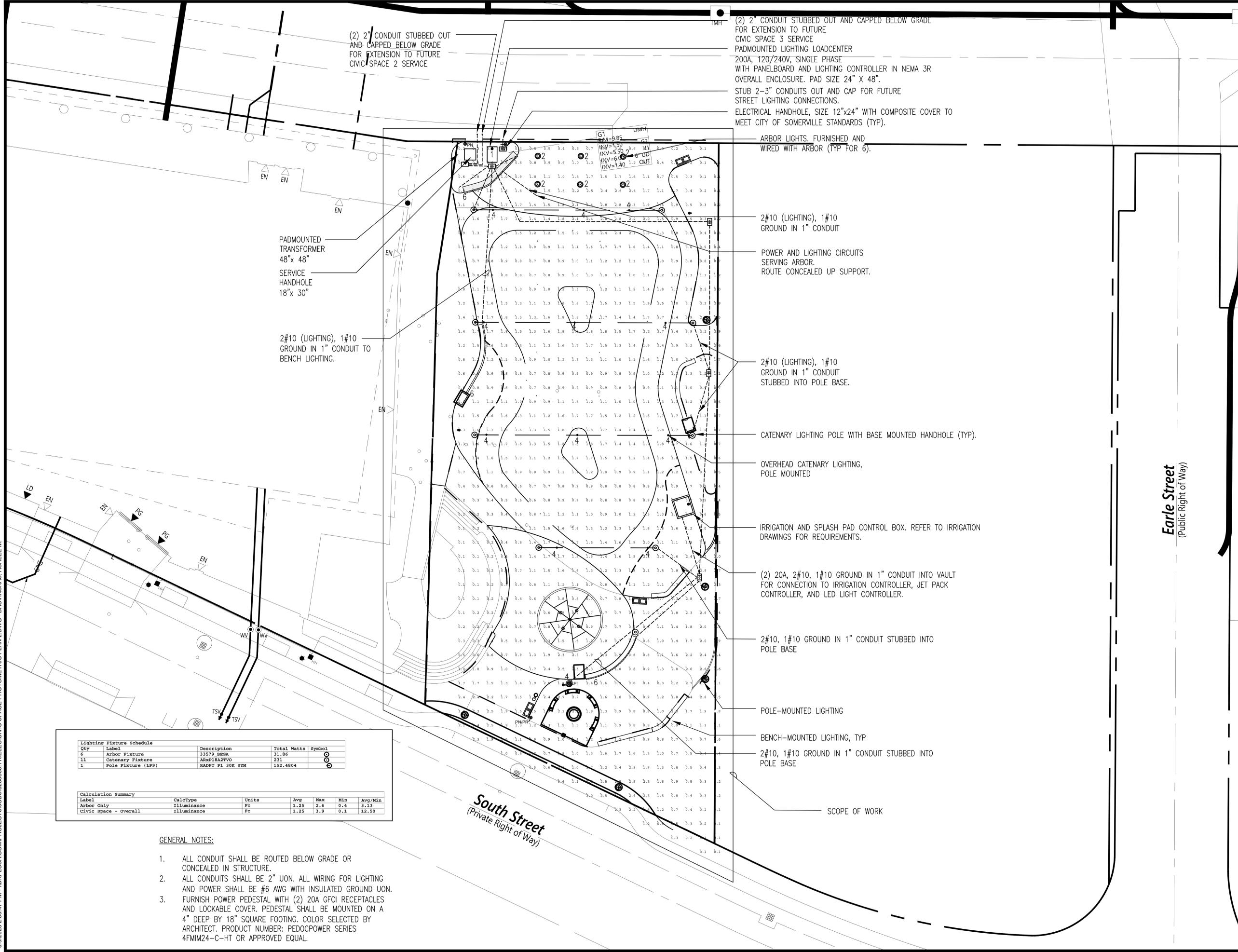
REV #	DATE	DESCRIPTION
1	XX.XX.XX	ADDENDUM 1

STAMP:

100% CD SET

DRAWING TITLE:
LIGHTING PHOTOMETRIC PLAN

DRAWN BY: AMB
 CHECKED BY: JEG
 SCALE:
 DATE: 03/10/2023
 SHEET OF
 DRAWING NUMBER:



(2) 2" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 2 SERVICE

(2) 2" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 3 SERVICE
 PADMOUNTED LIGHTING LOADCENTER
 200A, 120/240V, SINGLE PHASE
 WITH PANELBOARD AND LIGHTING CONTROLLER IN NEMA 3R OVERALL ENCLOSURE. PAD SIZE 24" X 48".
 STUB 2-3" CONDUITS OUT AND CAP FOR FUTURE STREET LIGHTING CONNECTIONS.
 ELECTRICAL HANDHOLE, SIZE 12"x24" WITH COMPOSITE COVER TO MEET CITY OF SOMERVILLE STANDARDS (TYP).

ARBOR LIGHTS. FURNISHED AND WIRED WITH ARBOR (TYP FOR 6).

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT

POWER AND LIGHTING CIRCUITS SERVING ARBOR. ROUTE CONCEALED UP SUPPORT.

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE.

CATENARY LIGHTING POLE WITH BASE MOUNTED HANDHOLE (TYP).

OVERHEAD CATENARY LIGHTING, POLE MOUNTED

IRRIGATION AND SPLASH PAD CONTROL BOX. REFER TO IRRIGATION DRAWINGS FOR REQUIREMENTS.

(2) 20A, 2#10, 1#10 GROUND IN 1" CONDUIT INTO VAULT FOR CONNECTION TO IRRIGATION CONTROLLER, JET PACK CONTROLLER, AND LED LIGHT CONTROLLER.

2#10, 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE

POLE-MOUNTED LIGHTING

BENCH-MOUNTED LIGHTING, TYP

2#10, 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE

SCOPE OF WORK

PADMOUNTED TRANSFORMER 48"x 48"
 SERVICE HANDHOLE 18"x 30"

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT TO BENCH LIGHTING.

Qty	Label	Description	Total Watts	Symbol
6	Arbor Fixture	33579_B02A	31.86	⊙
11	Catenary Fixture	AKSP18A27V0	231	⊙
1	Pole Fixture (LP9)	RADPT P1 30K SYM	152.4804	⊙

Label	CalcType	Units	Avg	Max	Min	Avg/Min
Arbor Only	Illuminance	Fc	1.25	2.6	0.4	3.13
Civic Space - Overall	Illuminance	Fc	1.25	3.9	0.1	12.50

- GENERAL NOTES:
- ALL CONDUIT SHALL BE ROUTED BELOW GRADE OR CONCEALED IN STRUCTURE.
 - ALL CONDUITS SHALL BE #6 AWG WITH INSULATED GROUND UON. ALL WIRING FOR LIGHTING AND POWER SHALL BE #6 AWG WITH INSULATED GROUND UON.
 - FURNISH POWER PEDESTAL WITH (2) 20A GFCI RECEPTACLES AND LOCKABLE COVER. PEDESTAL SHALL BE MOUNTED ON A 4" DEEP BY 18" SQUARE FOOTING. COLOR SELECTED BY ARCHITECT. PRODUCT NUMBER: PEDOCPOWER SERIES 4FMIM24-C-HT OR APPROVED EQUAL.



BOYNTON YARDS - CIVIC SPACE 1

101 SOUTH STREET, SOMERVILLE, MA

100% CD SET

DRAWING TITLE:

CIVIC SPACE 1 POWER PLAN

DRAWN BY: AMB

CHECKED BY: JEG

SCALE: 1"=20'-0"

DATE: 04/26/2023

SHEET OF

DRAWING NUMBER:

E-13

5/24/2023 2:35:09 PM - K:\JOBS\32388600\YK\ELE\CIVIC SPACE POWER PLAN 2.DWG - BACVINSKAS, ASHLEE M.

ARBOR LIGHTS. FURNISHED AND WIRED WITH ARBOR (TYP FOR 6).

STUB OUT (1) 1" CONDUIT BELOW GRADE AND CAP FOR FUTURE CONNECTION.

6#10 (POWER), 1#10 GROUND

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT TO BENCH LIGHTING.

2#10, 1#10 GROUND IN 1" CONDUIT TO POWER PEDESTAL.

POWER PEDESTAL

CIRCUIT NUMBER (TYPICAL) DEFER TO E-21 FOR PANEL SCHEDULE

2#10, 1#10 GROUND IN 1" CONDUIT TO POWER PEDESTAL.

POWER PEDESTAL

GENERAL NOTES:

1. ALL CONDUIT SHALL BE ROUTED BELOW GRADE OR CONCEALED IN STRUCTURE.
2. ALL CONDUITS SHALL BE 2" UON. ALL WIRING FOR LIGHTING AND POWER SHALL BE #6 AWG WITH INSULATED GROUND UON.
3. FURNISH POWER PEDESTAL WITH (2) 20A GFCI RECEPTACLES AND LOCKABLE COVER. PEDESTAL SHALL BE MOUNTED ON A 4" DEEP BY 18" SQUARE FOOTING. COLOR SELECTED BY ARCHITECT. PRODUCT NUMBER: PEDOCPOWER SERIES 4FMIM24-C-HT OR APPROVED EQUAL.

South Street
(Private Right of Way)

Earle Street
(Public Right of Way)

- (2) 3" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 2 SERVICE
- (2) 3" CONDUIT STUBBED OUT AND CAPPED BELOW GRADE FOR EXTENSION TO FUTURE CIVIC SPACE 3 SERVICE
- STUB 2-3" EMPTY CONDUITS OUT AND CAP FOR FUTURE STREET LIGHTING CONNECTIONS.

ELECTRICAL HANDHOLE, SIZE 12"x24" WITH COMPOSITE COVER TO MEET CITY OF SOMERVILLE STANDARDS (TYP).

2-3" EMPTY CONDUITS FOR FUTURE STREET LIGHTING.

UNDERGROUND TRANSFORMER BY EVERSOURCE
 EVERSOURCE STANDARD SERVICE HANDHOLE - 18"x 30"
 PADMOUNTED LIGHTING LOADCENTER
 200A, 120/240V, SINGLE PHASE
 WITH PANELBOARD AND LIGHTING CONTROLLER IN NEMA 3R OVERALL ENCLOSURE. PAD SIZE 24" X 48".

POWER AND LIGHTING CIRCUITS SERVING ARBOR. ROUTE CONCEALED UP SUPPORT.

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT

6#10 (POWER), 1#10 GROUND

(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (LIGHTING)
(1) 2" CONDUIT (SPARE)

2#10 (LIGHTING), 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE.

(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (LIGHTING)
(1) 2" CONDUIT (SPARE)

CATENARY LIGHTING POLE WITH BASE MOUNTED HANDHOLE (TYP).
OVERHEAD CATENARY LIGHTING, POLE MOUNTED

6#10 (POWER), 1#10 GROUND

IRRIGATION AND SPLASH PAD CONTROL BOX. REFER TO IRRIGATION DRAWINGS FOR REQUIREMENTS.

(1) 2" CONDUIT (POWER)
(1) 2" CONDUIT (SPARE)

(2) 20A, 2#10, 1#10 GROUND IN 1" CONDUIT INTO VAULT FOR CONNECTION TO IRRIGATION CONTROLLER, JET PACK CONTROLLER, AND LED LIGHT CONTROLLER.

2#10, 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE

POLE-MOUNTED LIGHTING

BENCH-MOUNTED LIGHTING, TYP

2#10, 1#10 GROUND IN 1" CONDUIT STUBBED INTO POLE BASE

SCOPE OF WORK



Copley Wolff Design Group
Landscape Architects & Planners

PROJECT NAME / CLIENT:

BOYNTON YARDS - CIVIC SPACE 1
101 SOUTH STREET, SOMERVILLE, MA

CWDG PROJECT NUMBER: 2036

ISSUANCES:

REV # DATE DESCRIPTION

01 04.26.23 ADDENDUM 1

02 05.22.23 ADDENDUM 2

STAMP:

100% CD SET

DRAWING TITLE:
**ELECTRICAL
DETAILS**

DRAWN BY: AMB

CHECKED BY: JEG

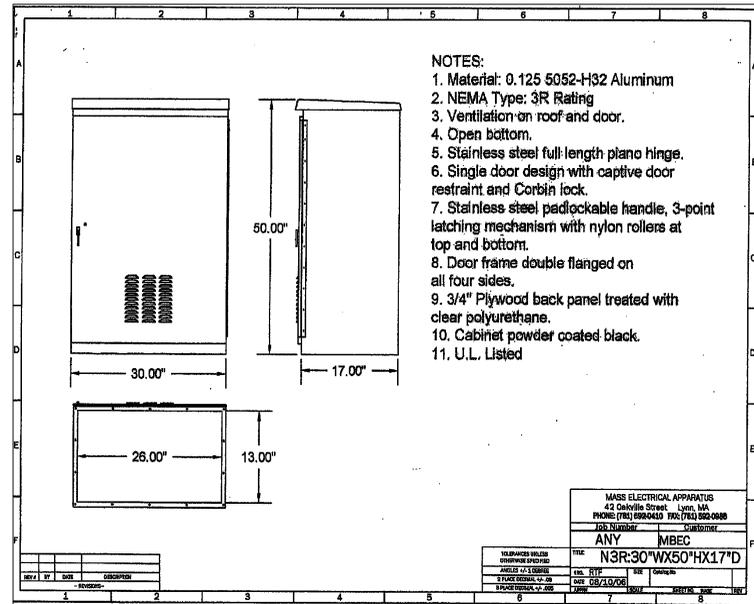
SCALE: NTS

DATE: 04/26/2023

SHEET OF

DRAWING NUMBER:

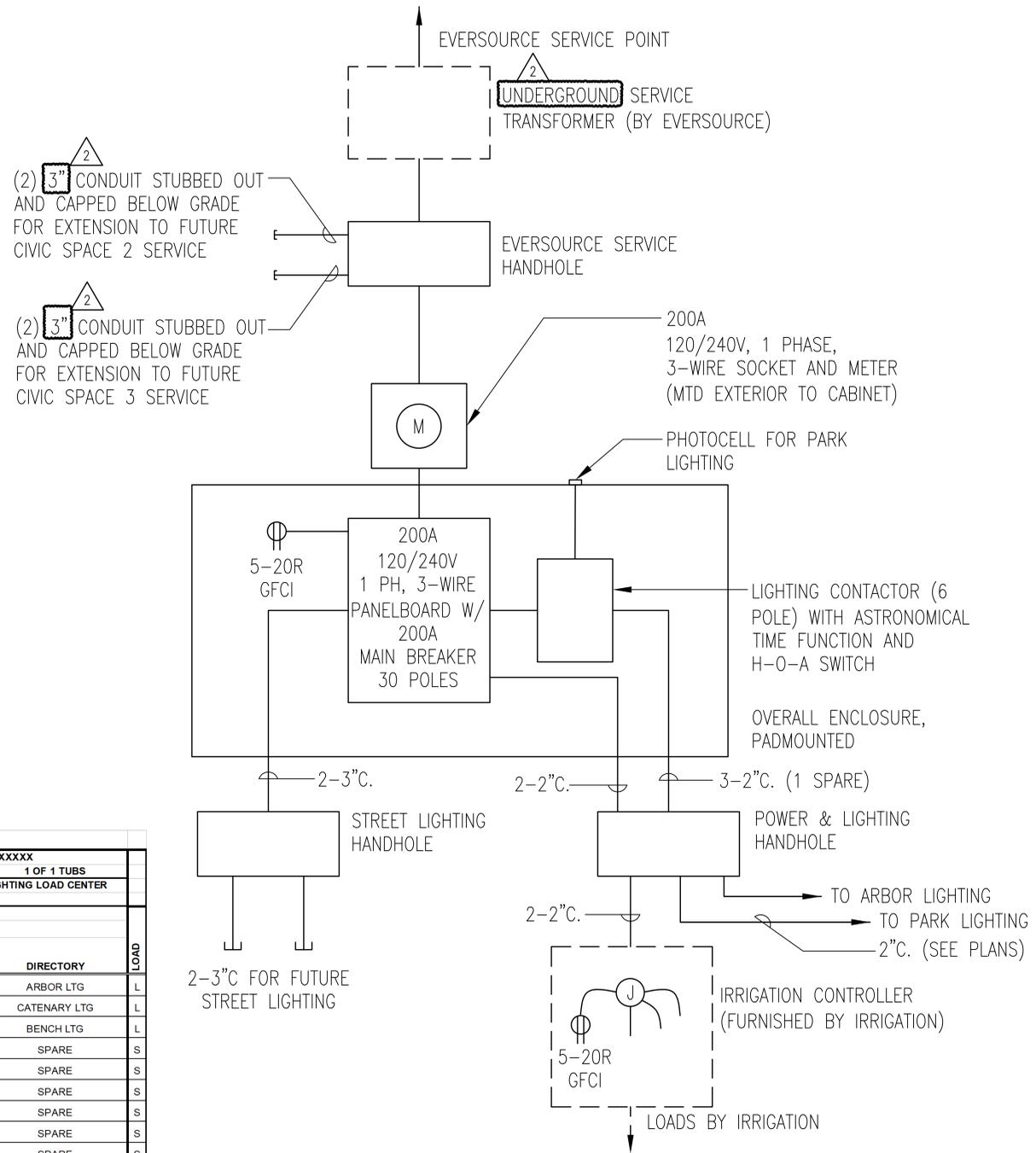
E-21



PADMOUNTED LIGHTING LOADCENTER ENCLOSURE DETAIL

Lighting Fixture Schedule			
Qty	Label	Description	Total Watts
6	Arbor Fixture	33579 BEGA	31.86
11	Catenary Fixture	ARxP18A2TVO	231
1	Pole Fixture (LP9)	RADPT P1 30K SYM	152.5

PROJECT:		NAME BOYNTON YARDS CIVIC		PROJECT #:		32388		ENGINEER:		XXX	
VOLTAGE	120 / 240	PHASE	1 PHASE	WIRE	3 WIRE	TOTAL WATTS L1	432	DESIGNATION	XXXXXX	1 OF 1 TUBS	
MAIN BREAKER	200A	FRAME		TRIP		TOTAL WATTS L2	1,384	LOCATION:	LIGHTING LOAD CENTER		
MAIN BUS:		MOUNTING:				TOTAL WATTS L3	1,300				
NOTE:	AIC: 22K					TOTAL WATTS	3,116				
LOAD	DIRECTORY	L1	L2	L3	CKT.	AMPS	L1	L2	L3	DIRECTORY	LOAD
R	LIGHTING LOAD CENTER REC	200			1	20				ARBOR LTG	L
R	IRRIGATION CENTER REC		1,000		3	20				CATENARY LTG	L
R	IRRIGATION CENTER REC			1,000	5	20				BENCH LTG	L
R	POLE-MOUNTED REC	200			7	20				SPARE	S
S	SPARE				9	20				SPARE	S
S	SPARE				11	20				SPARE	S
S	SPARE				13	20				SPARE	S
S	SPARE				15	20				SPARE	S
S	SPARE				17	20				SPARE	S
S	SPARE				19	20				SPARE	S
	SPACE				21					SPACE	
	SPACE				23					SPACE	
	SPACE				25					SPACE	
	SPACE				27					SPACE	
	SPACE				29					SPACE	
	SUBTOTAL	400	1,000	1,000			32	384	300	SUBTOTAL	



ELECTRICAL SERVICE AND DISTRIBUTION DIAGRAM

5/23/2023 11:08:12 AM - K:\JOBS\3238800\YELECC\CIVIC SPACE RISER.DWG - BACVINSKAS, ASHLEE M.

