

ADAMS HANCOCK GREEN

PHASE 1

PROJECT TEAM

PROJECT MANAGER
Woodard & Curran, Inc.
41 Hutchins Drive
Portland, ME 04102
207.558.3704

LANDSCAPE ARCHITECT
Halvorson Design Partnership, Inc.
25 Kingston St, 5th Floor
Boston, Massachusetts 02111
617.536.0380

CIVIL ENGINEER
Howard/Stein Hudson Associates, Inc.
11 Beacon Street, 10th Floor
Boston, Massachusetts 02108
617.482.7080

ELECTRICAL ENGINEER
TMP Engineering
52 Temple Place
Boston, Massachusetts 02111
617.357.6060

LIGHTING DESIGNER
Lumen Studios
30 Hollis Street, Unit B
Groton, Massachusetts 01450
978.460.0512

PLUMBING ENGINEER
TMP Engineering
52 Temple Place
Boston, Massachusetts 02111
617.357.6060

SURVEYOR
A-Plus Construction Services Corp.
17 Accord Park Drive, Unit 102
Norwell, Massachusetts 02061
781.681.6667

IRRIGATION ENGINEER
Irrigation Consulting
4 Hotel Place
Pepperell, Massachusetts 01463
978.433.8972

PROJECT LOCATION

NOTE: ILLUSTRATION SHOWS FUTURE ADJACENT SITE CONDITIONS (FOR REFERENCE)

PROJECT SITE



(FUTURE) ADAMS GREEN SITE PLAN

CONSTRUCTION DOCUMENTS

04.12.2016

CITY OF QUINCY
THOMAS P. KOCH, MAYOR



DRAWING LIST

LANDSCAPE ARCHITECTURAL DRAWINGS

- L0.0 EXISTING CONDITIONS PLAN
- L0.1 SITE DEMOLITION/SALVAGE PLAN
- L1.1 SITE MATERIALS
- L2.1 SITE LAYOUT
- L3.1 GRADING PLAN
- L4.1 PAVING AND JOINTING PLAN
- L5.1 PLANTING PLAN
- L6.1 SITE DETAILS
- L6.2 SITE DETAILS
- L6.3 SITE DETAILS
- L6.4 SITE DETAILS
- L6.5 SITE DETAILS
- L6.6 SITE DETAILS

CIVIL DRAWINGS

- C1.0 DRAINAGE AND GRADING PLAN
- C2.0 UTILITY PLAN
- C3.0 DETAILS

ELECTRICAL DRAWINGS

- E0.0 SYMBOL LIST AND NOTES
- E0.1 SITE PLAN
- E0.2 SCHEDULES AND DETAILS

PLUMBING DRAWINGS

- P0.0 PLUMBING SPECIFICATIONS AND DETAILS
- P0.1 PLUMBING SITE PLAN

IRRIGATION DRAWINGS

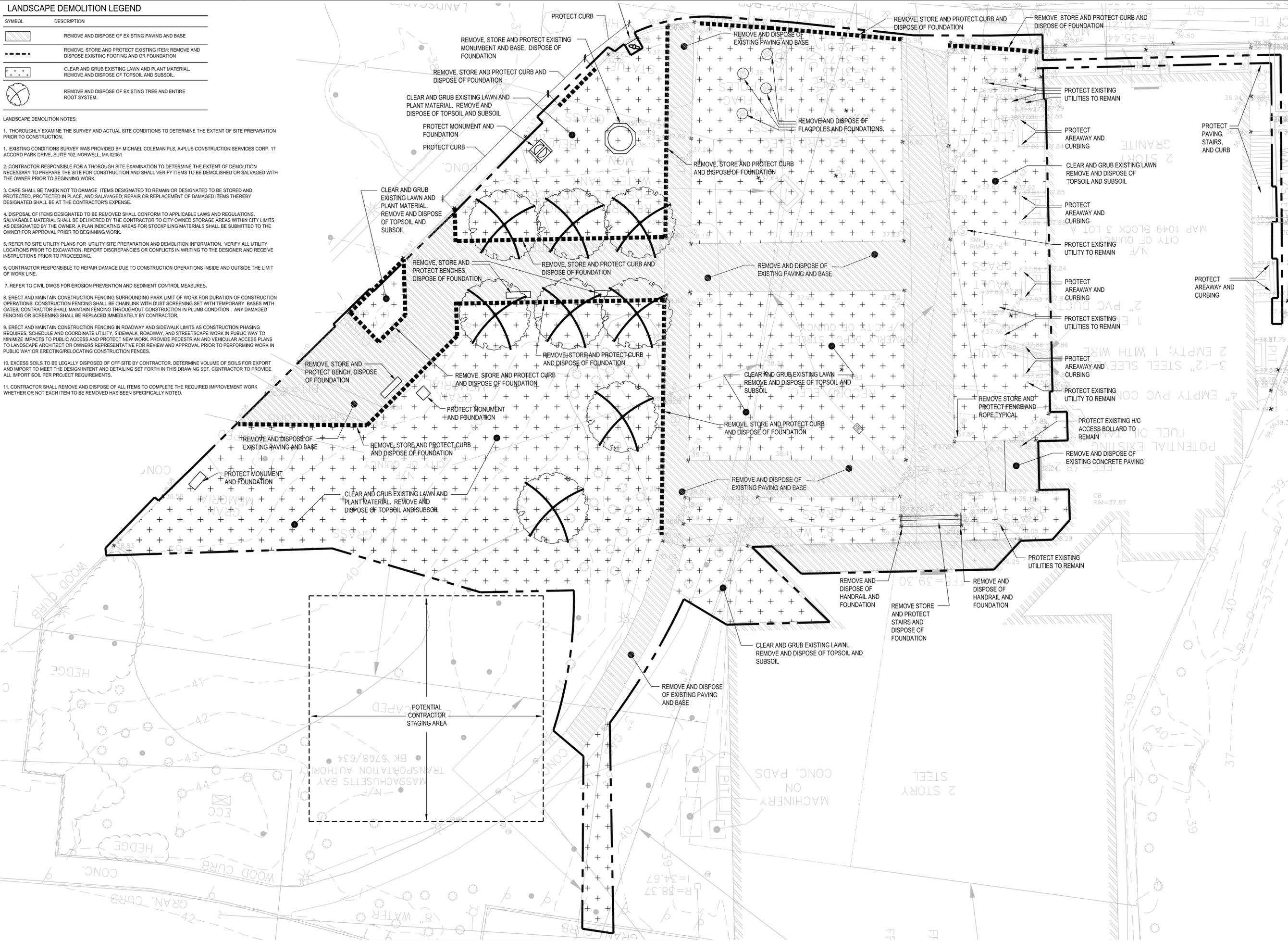
- I1.0 IRRIGATION PLAN
- I2.0 IRRIGATION DETAILS

LANDSCAPE DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	REMOVE AND DISPOSE OF EXISTING PAVING AND BASE
	REMOVE, STORE AND PROTECT EXISTING ITEM; REMOVE AND DISPOSE EXISTING FOOTING AND OR FOUNDATION
	CLEAR AND GRUB EXISTING LAWN AND PLANT MATERIAL. REMOVE AND DISPOSE OF TOPSOIL AND SUBSOIL.
	REMOVE AND DISPOSE OF EXISTING TREE AND ENTIRE ROOT SYSTEM.

LANDSCAPE DEMOLITION NOTES:

1. THOROUGHLY EXAMINE THE SURVEY AND ACTUAL SITE CONDITIONS TO DETERMINE THE EXTENT OF SITE PREPARATION PRIOR TO CONSTRUCTION.
2. EXISTING CONDITIONS SURVEY WAS PROVIDED BY MICHAEL COLEMAN PLS, A-PLUS CONSTRUCTION SERVICES CORP, 17 ACCORD PARK DRIVE, SUITE 102, NORWELL, MA 02061.
3. CONTRACTOR RESPONSIBLE FOR A THOROUGH SITE EXAMINATION TO DETERMINE THE EXTENT OF DEMOLITION NECESSARY TO PREPARE THE SITE FOR CONSTRUCTION AND SHALL VERIFY ITEMS TO BE DEMOLISHED OR SALVAGED WITH THE OWNER PRIOR TO BEGINNING WORK.
4. CARE SHALL BE TAKEN NOT TO DAMAGE ITEMS DESIGNATED TO REMAIN OR DESIGNATED TO BE STORED AND PROTECTED, PROTECTED IN PLACE, AND SALVAGED; REPAIR OR REPLACEMENT OF DAMAGED ITEMS THEREBY DESIGNATED SHALL BE AT THE CONTRACTOR'S EXPENSE.
5. DISPOSAL OF ITEMS DESIGNATED TO BE REMOVED SHALL CONFORM TO APPLICABLE LAWS AND REGULATIONS. SALVAGABLE MATERIAL SHALL BE DELIVERED BY THE CONTRACTOR TO CITY OWNED STORAGE AREAS WITHIN CITY LIMITS AS DESIGNATED BY THE OWNER. A PLAN INDICATING AREAS FOR STOCKPILING MATERIALS SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO BEGINNING WORK.
6. REFER TO SITE UTILITY PLANS FOR UTILITY SITE PREPARATION AND DEMOLITION INFORMATION. VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION. REPORT DISCREPANCIES OR CONFLICTS IN WRITING TO THE DESIGNER AND RECEIVE INSTRUCTIONS PRIOR TO PROCEEDING.
7. CONTRACTOR RESPONSIBLE TO REPAIR DAMAGE DUE TO CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE THE LIMIT OF WORK LINE.
8. REFER TO CIVIL DWGS FOR EROSION PREVENTION AND SEDIMENT CONTROL MEASURES.
9. ERECT AND MAINTAIN CONSTRUCTION FENCING SURROUNDING PARK LIMIT OF WORK FOR DURATION OF CONSTRUCTION OPERATIONS. CONSTRUCTION FENCING SHALL BE CHAINLINK WITH DUST SCREENING SET WITH TEMPORARY BASES WITH GATES. CONTRACTOR SHALL MAINTAIN FENCING THROUGHOUT CONSTRUCTION IN PLUMB CONDITION. ANY DAMAGED FENCING OR SCREENING SHALL BE REPLACED IMMEDIATELY BY CONTRACTOR.
10. ERECT AND MAINTAIN CONSTRUCTION FENCING IN ROADWAY AND SIDEWALK LIMITS AS CONSTRUCTION PHASING REQUIRES. SCHEDULE AND COORDINATE UTILITY, SIDEWALK, ROADWAY, AND STREETSCAPE WORK IN PUBLIC WAY TO MINIMIZE IMPACTS TO PUBLIC ACCESS AND PROTECT NEW WORK. PROVIDE PEDESTRIAN AND VEHICULAR ACCESS PLANS TO LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO PERFORMING WORK IN PUBLIC WAY OR ERECTING/RELOCATING CONSTRUCTION FENCES.
11. EXCESS SOILS TO BE LEGALLY DISPOSED OF OFF SITE BY CONTRACTOR. DETERMINE VOLUME OF SOILS FOR EXPORT AND IMPORT TO MEET THE DESIGN INTENT AND DETAILING SET FORTH IN THIS DRAWING SET. CONTRACTOR TO PROVIDE ALL IMPORT SOIL PER PROJECT REQUIREMENTS.
12. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ITEMS TO COMPLETE THE REQUIRED IMPROVEMENT WORK WHETHER OR NOT EACH ITEM TO BE REMOVED HAS BEEN SPECIFICALLY NOTED.

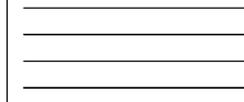


CITY OF QUINCY
THOMAS P. KOCH, MAYOR

HALVORSON DESIGN PARTNERSHIP
LANDSCAPE ARCHITECTURE

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QUINCY, MA
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REVISIONS	DATE	DESCRIPTION



PREPARED BY: RH

PROJECT NO:
DRAWN BY: RH
CHECKED BY: RH
SCALE: 1" = 10'-0"

SUBMISSION:
100% CONSTRUCTION DOCUMENTS

APRIL 12, 2016
SITE DEMOLITION & SALVAGE PLAN

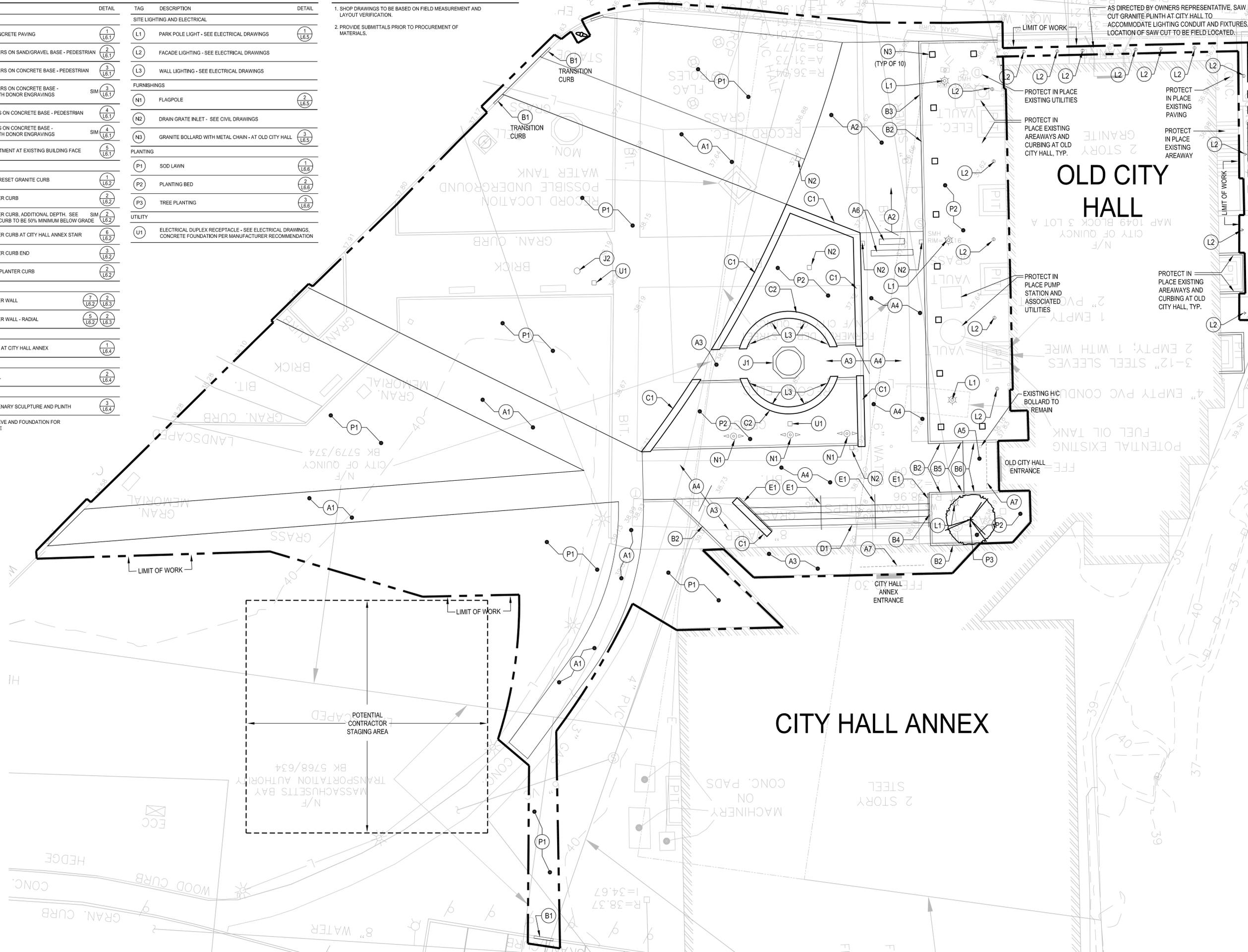
L0.1

MATERIALS LEGEND

TAG	DESCRIPTION	DETAIL	TAG	DESCRIPTION	DETAIL
PAVING					
A1	BITUMINOUS CONCRETE PAVING	1 L6.1	L1	PARK POLE LIGHT - SEE ELECTRICAL DRAWINGS	1 L6.5
A2	BRICK UNIT PAVERS ON SAND/GRAVEL BASE - PEDESTRIAN	2 L6.1	L2	FACADE LIGHTING - SEE ELECTRICAL DRAWINGS	
A3	BRICK UNIT PAVERS ON CONCRETE BASE - PEDESTRIAN	3 L6.1	L3	WALL LIGHTING - SEE ELECTRICAL DRAWINGS	
A4	BRICK UNIT PAVERS ON CONCRETE BASE - PEDESTRIAN, WITH DONOR ENGRAVINGS	SIM 3 L6.1	N1	FLAGPOLE	2 L6.5
A5	GRANITE PAVERS ON CONCRETE BASE - PEDESTRIAN	4 L6.1	N2	DRAIN GRATE INLET - SEE CIVIL DRAWINGS	
A6	GRANITE PAVERS ON CONCRETE BASE - PEDESTRIAN, WITH DONOR ENGRAVINGS	SIM 4 L6.1	N3	GRANITE BOLLARD WITH METAL CHAIN - AT OLD CITY HALL	3 L6.5
A7	UNIT PAVER ABUTMENT AT EXISTING BUILDING FACE	5 L6.1	PLANTING		
CURBING					
B1	SALVAGED AND RESET GRANITE CURB	1 L6.2	P1	SOD LAWN	1 L6.6
B2	GRANITE PLANTER CURB	2 L6.2	P2	PLANTING BED	2 L6.6
B3	GRANITE PLANTER CURB, ADDITIONAL DEPTH. SEE GRADING PLAN, CURB TO BE 50% MINIMUM BELOW GRADE	SIM 2 L6.2	P3	TREE PLANTING	3 L6.6
B4	GRANITE PLANTER CURB AT CITY HALL ANNEX STAIR	6 L6.2	UTILITY		
B5	GRANITE PLANTER CURB END	3 L6.2	U1	ELECTRICAL DUPLEX RECEPTACLE - SEE ELECTRICAL DRAWINGS, CONCRETE FOUNDATION PER MANUFACTURER RECOMMENDATION	
B6	FLUSH GRANITE PLANTER CURB	2 L6.2	WALLS		
WALLS					
C1	GRANITE PLANTER WALL	7 L6.2 2 L6.3	STAIRS		
C2	GRANITE PLANTER WALL - RADIAL	5 L6.2 2 L6.3	D1	GRANITE STAIRS AT CITY HALL ANNEX	1 L6.4
STAIRS					
HANDRAILS					
E1	METAL HANDRAIL	2 L6.4	MONUMENTS		
MONUMENTS					
J1	RESET TRICENTENARY SCULPTURE AND PLINTH	3 L6.4	JOB		
J2	IN-GROUND SLEEVE AND FOUNDATION FOR CHRISTMAS TREE				

MATERIALS NOTES

- SHOP DRAWINGS TO BE BASED ON FIELD MEASUREMENT AND LAYOUT VERIFICATION.
- PROVIDE SUBMITTALS PRIOR TO PROCUREMENT OF MATERIALS.



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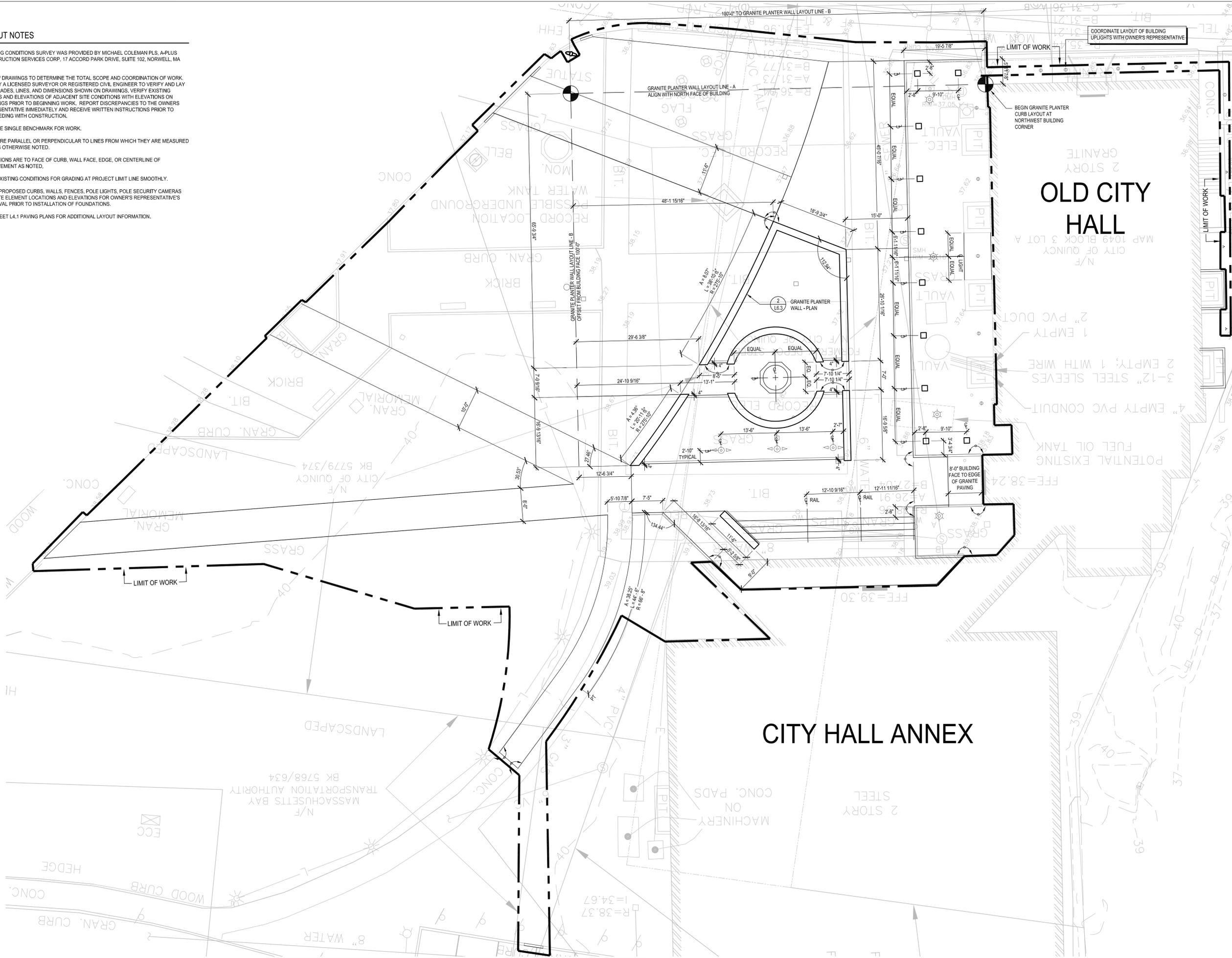
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MATERIALS PLAN

L1.1

LAYOUT NOTES

- EXISTING CONDITIONS SURVEY WAS PROVIDED BY MICHAEL COLEMAN PLS, A-PLUS CONSTRUCTION SERVICES CORP., 17 ACCORD PARK DRIVE, SUITE 102, NORWELL, MA 02061.
- REVIEW DRAWINGS TO DETERMINE THE TOTAL SCOPE AND COORDINATION OF WORK. EMPLOY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER TO VERIFY AND LAY OUT GRADES, LINES, AND DIMENSIONS SHOWN ON DRAWINGS. VERIFY EXISTING GRADES AND ELEVATIONS OF ADJACENT SITE CONDITIONS WITH ELEVATIONS ON DRAWINGS PRIOR TO BEGINNING WORK. REPORT DISCREPANCIES TO THE OWNERS REPRESENTATIVE IMMEDIATELY AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- USE ONE SINGLE BENCHMARK FOR WORK.
- LINES ARE PARALLEL OR PERPENDICULAR TO LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO FACE OF CURB, WALL FACE, EDGE, OR CENTERLINE OF IMPROVEMENT AS NOTED.
- MEET EXISTING CONDITIONS FOR GRADING AT PROJECT LIMIT LINE SMOOTHLY.
- STAKE PROPOSED CURBS, WALLS, FENCES, POLE LIGHTS, POLE SECURITY CAMERAS AND SITE ELEMENT LOCATIONS AND ELEVATIONS FOR OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO INSTALLATION OF FOUNDATIONS.
- SEE SHEET L4.1 PAVING PLANS FOR ADDITIONAL LAYOUT INFORMATION.



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LAYOUT PLAN

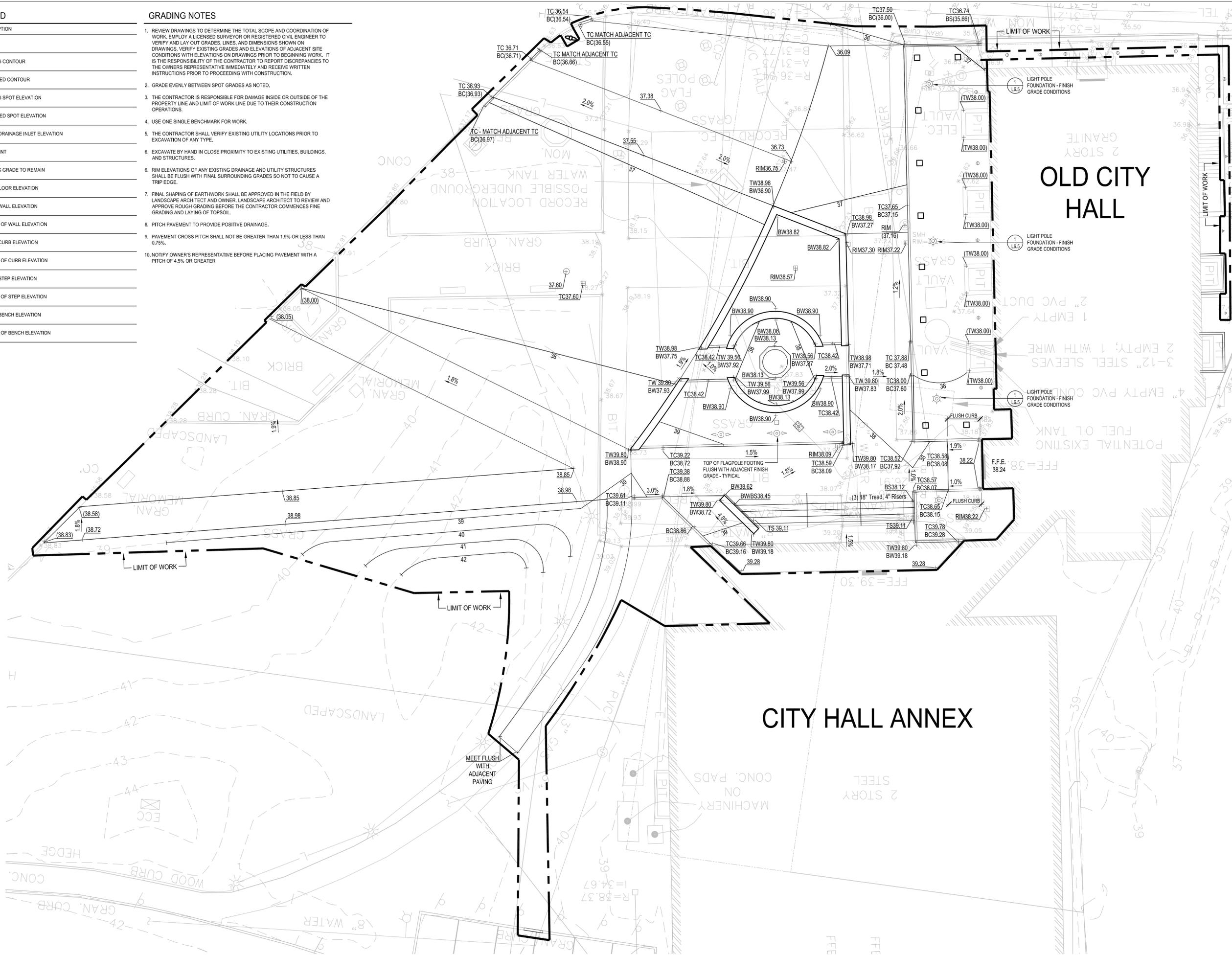
L2.1

GRADING LEGEND

SYMBOL	DESCRIPTION
GENERAL SITE	
	EXISTING CONTOUR
	PROPOSED CONTOUR
(XX.XX)	EXISTING SPOT ELEVATION
*	PROPOSED SPOT ELEVATION
RIM	TOP OF DRAINAGE INLET ELEVATION
HP	HIGH POINT
EX	EXISTING GRADE TO REMAIN
FFE	FINISH FLOOR ELEVATION
TW	TOP OF WALL ELEVATION
BW	BOTTOM OF WALL ELEVATION
TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION
TS	TOP OF STEP ELEVATION
BS	BOTTOM OF STEP ELEVATION
TB	TOP OF BENCH ELEVATION
BB	BOTTOM OF BENCH ELEVATION

GRADING NOTES

- REVIEW DRAWINGS TO DETERMINE THE TOTAL SCOPE AND COORDINATION OF WORK. EMPLOY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER TO VERIFY AND LAY OUT GRADES, LINES, AND DIMENSIONS SHOWN ON DRAWINGS. VERIFY EXISTING GRADES AND ELEVATIONS OF ADJACENT SITE CONDITIONS WITH ELEVATIONS ON DRAWINGS PRIOR TO BEGINNING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT DISCREPANCIES TO THE OWNERS REPRESENTATIVE IMMEDIATELY AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- GRADE EVENLY BETWEEN SPOT GRADES AS NOTED.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE INSIDE OR OUTSIDE OF THE PROPERTY LINE AND LIMIT OF WORK LINE DUE TO THEIR CONSTRUCTION OPERATIONS.
- USE ONE SINGLE BENCHMARK FOR WORK.
- THE CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION OF ANY TYPE.
- EXCAVATE BY HAND IN CLOSE PROXIMITY TO EXISTING UTILITIES, BUILDINGS, AND STRUCTURES.
- RIM ELEVATIONS OF ANY EXISTING DRAINAGE AND UTILITY STRUCTURES SHALL BE FLUSH WITH FINAL SURROUNDING GRADES SO NOT TO CAUSE A TRIP EDGE.
- FINAL SHAPING OF EARTHWORK SHALL BE APPROVED IN THE FIELD BY LANDSCAPE ARCHITECT AND OWNER. LANDSCAPE ARCHITECT TO REVIEW AND APPROVE ROUGH GRADING BEFORE THE CONTRACTOR COMMENCES FINE GRADING AND LAYING OF TOPSOIL.
- PITCH PAVEMENT TO PROVIDE POSITIVE DRAINAGE.
- PAVEMENT CROSS PITCH SHALL NOT BE GREATER THAN 1.0% OR LESS THAN 0.75%.
- NOTIFY OWNER'S REPRESENTATIVE BEFORE PLACING PAVEMENT WITH A PITCH OF 4.5% OR GREATER



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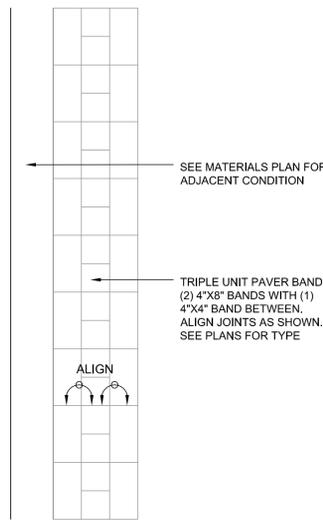
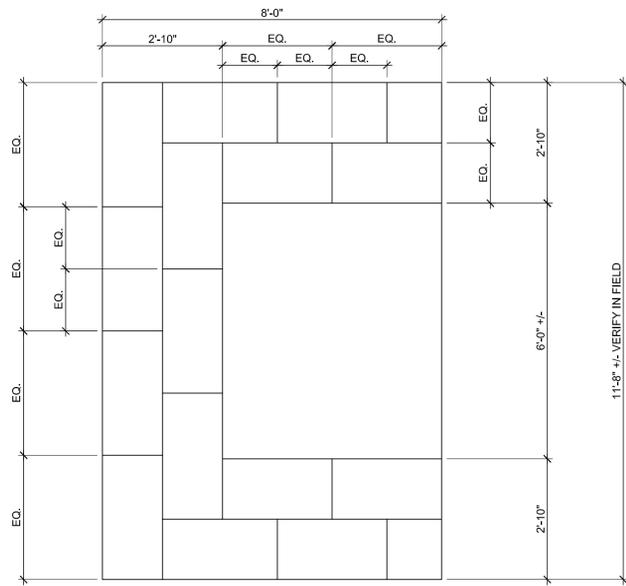
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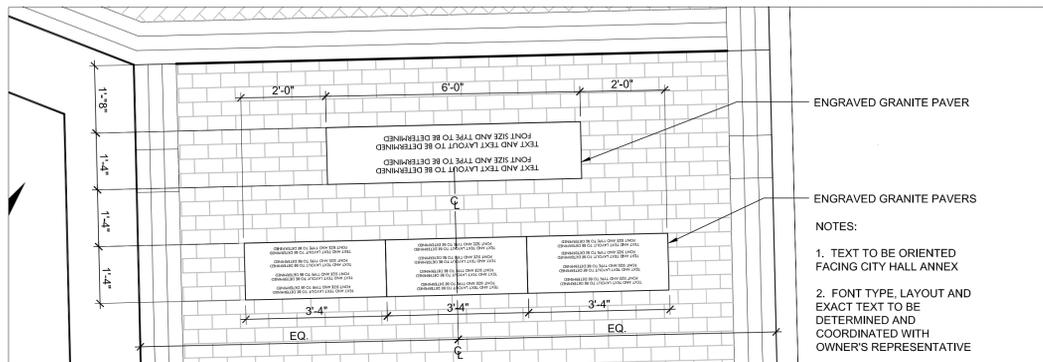
GRADING PLAN

L3.1

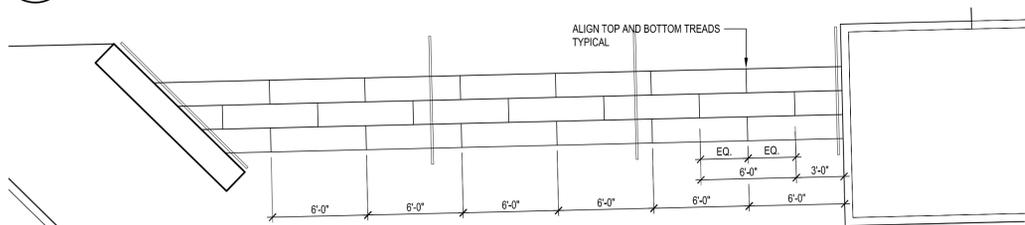


3 PAVING ENLARGEMENT - GRANITE PAVERS AT BUILDING ENTRANCE
SCALE: 1/2"=1'-0"

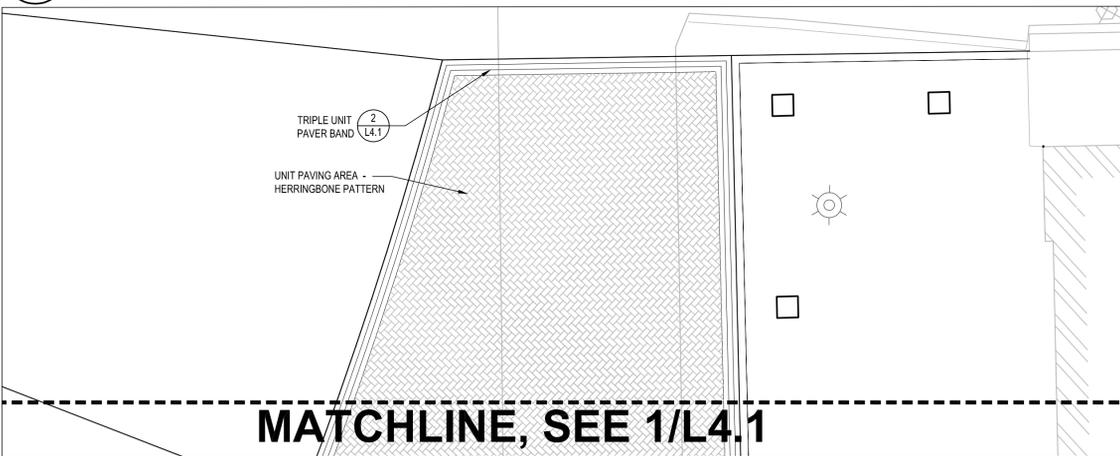
2 TRIPLE UNIT PAVER BAND ENLARGEMENT
SCALE: 1"=1'-0"



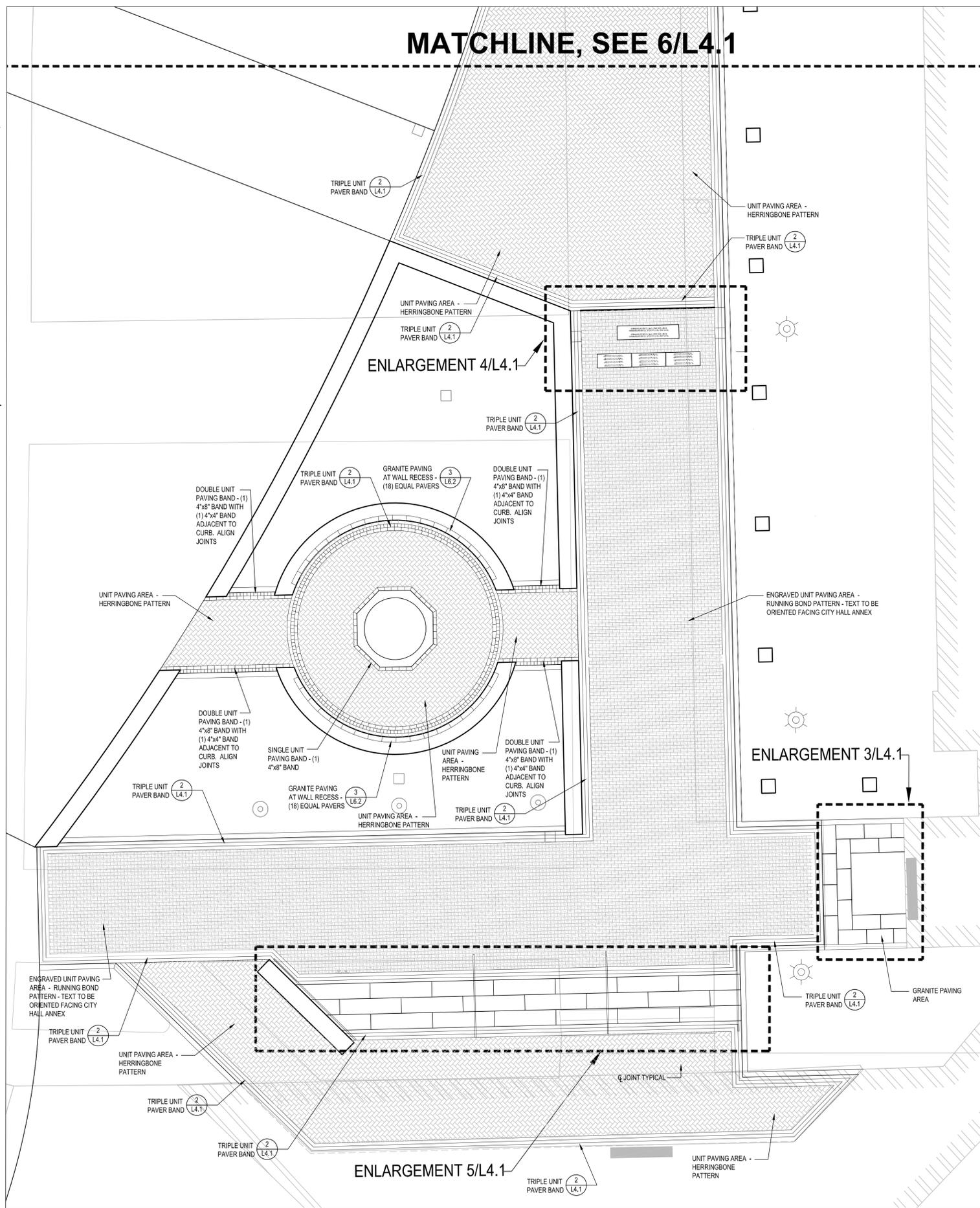
4 PAVING ENLARGEMENT - ENGRAVED GRANITE PAVERS
SCALE: 3/16"=1'-0"



5 STAIR JOINTING PLAN
SCALE: 3/16"=1'-0"



6 PAVING PLAN
SCALE: 3/16"=1'-0"



1 PAVING PLAN
SCALE: 3/16"=1'-0"



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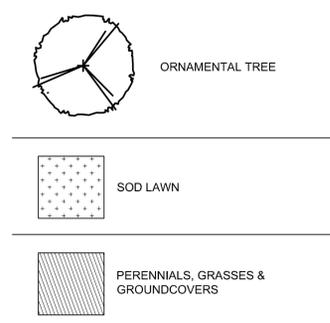
APRIL 12, 2016
PAVING AND JOINTING PLAN

L4.1

PLANTING NOTES

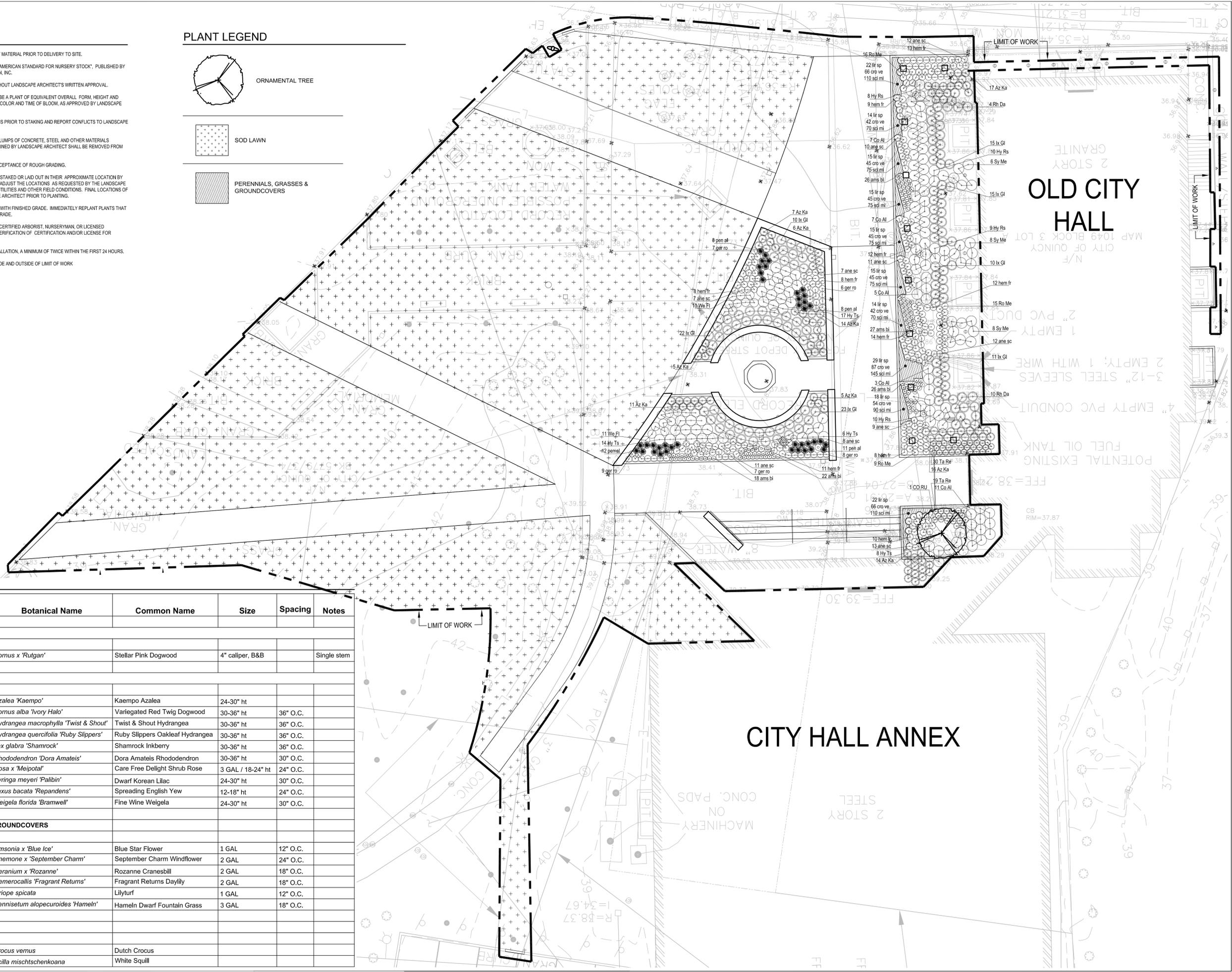
- LANDSCAPE ARCHITECT TO APPROVE PLANT MATERIAL PRIOR TO DELIVERY TO SITE.
- PLANT MATERIAL SHALL CONFORM TO "THE AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- NO SUBSTITUTIONS OF PLANT SPECIES WITHOUT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.
- SUBSTITUTIONS OF PLANT SPECIES SHALL BE A PLANT OF EQUIVALENT OVERALL FORM, HEIGHT AND BRANCHING HABIT, FLOWER, LEAF AND FRUIT, COLOR AND TIME OF BLOOM, AS APPROVED BY LANDSCAPE ARCHITECT.
- LOCATE AND VERIFY UTILITY LINE LOCATIONS PRIOR TO STAKING AND REPORT CONFLICTS TO LANDSCAPE ARCHITECT.
- PLANTING DEMOLITION DEBRIS, GARBAGE, LUMPS OF CONCRETE, STEEL AND OTHER MATERIALS DELETERIOUS TO PLANTS HEALTH AS DETERMINED BY LANDSCAPE ARCHITECT SHALL BE REMOVED FROM ALL PLANTING AREAS.
- NO PLANTING TO BE INSTALLED BEFORE ACCEPTANCE OF ROUGH GRADING.
- ALL PROPOSED TREE LOCATIONS SHALL BE STAKED OR LAID OUT IN THEIR APPROXIMATE LOCATION BY THE CONTRACTOR. THE CONTRACTOR SHALL ADJUST THE LOCATIONS AS REQUESTED BY THE LANDSCAPE ARCHITECT TO ACCOUNT FOR SUBSURFACE UTILITIES AND OTHER FIELD CONDITIONS. FINAL LOCATIONS OF PLANTS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- INSTALL PLANTS WITH ROOT FLARES FLUSH WITH FINISHED GRADE. IMMEDIATELY REPLANT PLANTS THAT SETTLE OUT OF PLUMB OR BELOW FINISHED GRADE.
- PLANT UNDER FULL TIME SUPERVISION OF CERTIFIED ARBORIST, NURSERYMAN, OR LICENSED LANDSCAPE ARCHITECT. PROVIDE WRITTEN VERIFICATION OF CERTIFICATION AND/OR LICENSE FOR LANDSCAPE ARCHITECT'S APPROVAL.
- WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.
- REPAIR DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF LIMIT OF WORK
- SEE SHEET L6.6 FOR PLANTING DETAILS.

PLANT LEGEND



PLANT LIST

Symbol	Quantity	Botanical Name	Common Name	Size	Spacing	Notes
TREES						
CO RU	1	<i>Cornus x 'Rutgan'</i>	Stellar Pink Dogwood	4" caliper, B&B		Single stem
SHRUBS						
Az Ka	95	<i>Azalea 'Kaempo'</i>	Kaempo Azalea	24-30" ht		
Co Al	33	<i>Cornus alba 'Ivory Halo'</i>	Variegated Red Twig Dogwood	30-36" ht	36" O.C.	
Hy Ts	45	<i>Hydrangea macrophylla 'Twist & Shout'</i>	Twist & Shout Hydrangea	30-36" ht	36" O.C.	
Hy Rs	37	<i>Hydrangea quercifolia 'Ruby Slippers'</i>	Ruby Slippers Oakleaf Hydrangea	30-36" ht	36" O.C.	
Ix Gl	106	<i>Ilex glabra 'Shamrock'</i>	Shamrock Inkberry	30-36" ht	36" O.C.	
Rh Da	14	<i>Rhododendron 'Dora Amateis'</i>	Dora Amateis Rhododendron	30-36" ht	30" O.C.	
Ro Me	40	<i>Rosa x 'Meipotal'</i>	Care Free Delight Shrub Rose	3 GAL / 18-24" ht	24" O.C.	
Sy Me	22	<i>Syringa meyeri 'Palibin'</i>	Dwarf Korean Lilac	24-30" ht	30" O.C.	
Ta Re	49	<i>Taxus bacata 'Repandens'</i>	Spreading English Yew	12-18" ht	24" O.C.	
We Fl	21	<i>Weigela florida 'Bramwell'</i>	Fine Wine Weigela	24-30" ht	30" O.C.	
PERENNIALS, GRASSES & GROUNDCOVERS						
ams bi	119	<i>Amsonia x 'Blue Ice'</i>	Blue Star Flower	1 GAL	12" O.C.	
ane sc	100	<i>Anemone x 'September Charm'</i>	September Charm Windflower	2 GAL	24" O.C.	
ger ro	37	<i>Geranium x 'Rozanne'</i>	Rozanne Cranesbill	2 GAL	18" O.C.	
hem fr	105	<i>Heemerocallis 'Fragrant Returns'</i>	Fragrant Returns Daylily	2 GAL	18" O.C.	
lir sp	179	<i>Liriope spicata</i>	Lilyturf	1 GAL	12" O.C.	
pen al	31	<i>Pennisetum alopecuroides 'Hameln'</i>	Hameln Dwarf Fountain Grass	3 GAL	18" O.C.	
BULBS						
cro ve	537	<i>Crocus vernus</i>	Dutch Crocus			
sci mi	895	<i>Scilla mischtschenkoana</i>	White Squill			



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20 QUINCY STREET, QUINCY, MA 01906
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WWW.HALVORSONDESIGN.COM

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REVISIONS
DATE DESCRIPTION



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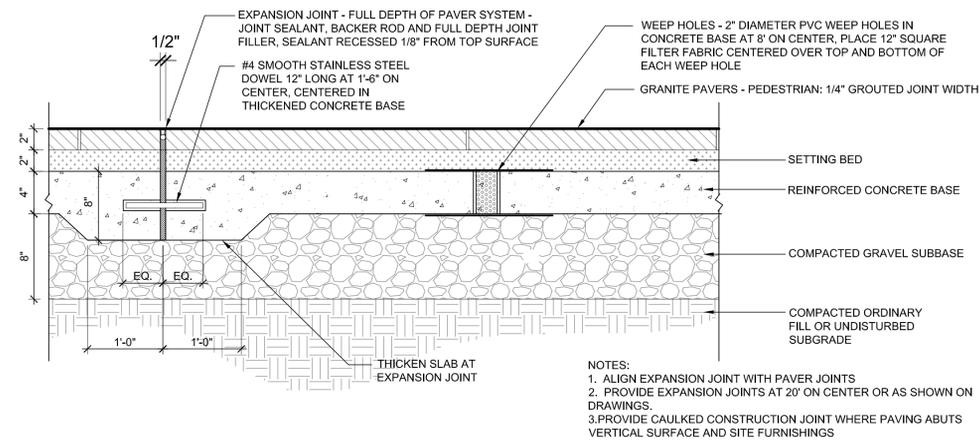
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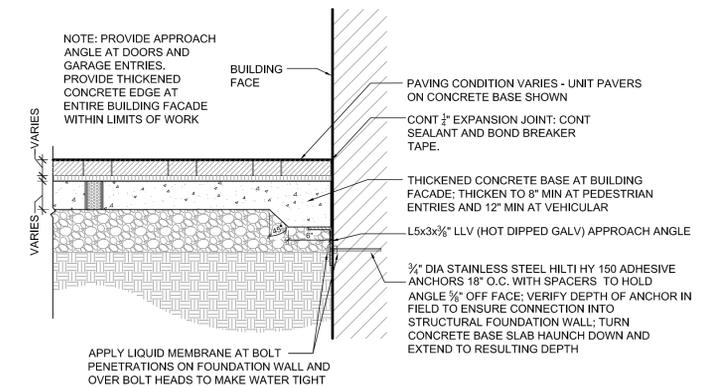
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PLANTING PLAN

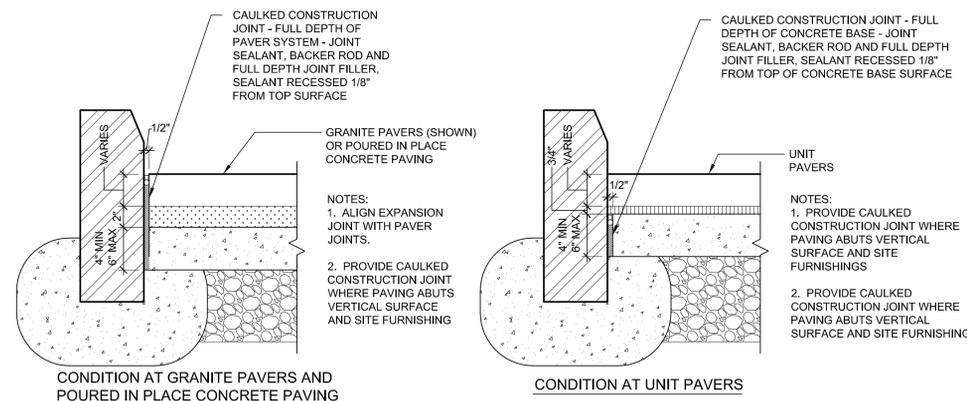
L5.1



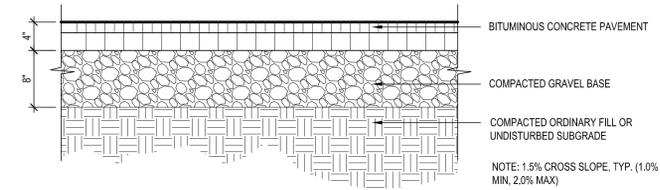
4 GRANITE PAVERS ON CONCRETE BASE - PEDESTRIAN
 SCALE: 1 1/2" = 1'-0"



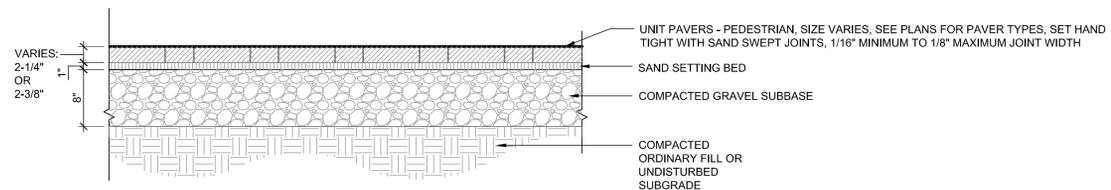
5 UNIT PAVER ABUTMENT AT EXISTING BUILDING FACE
 SCALE: 1" = 1'-0"



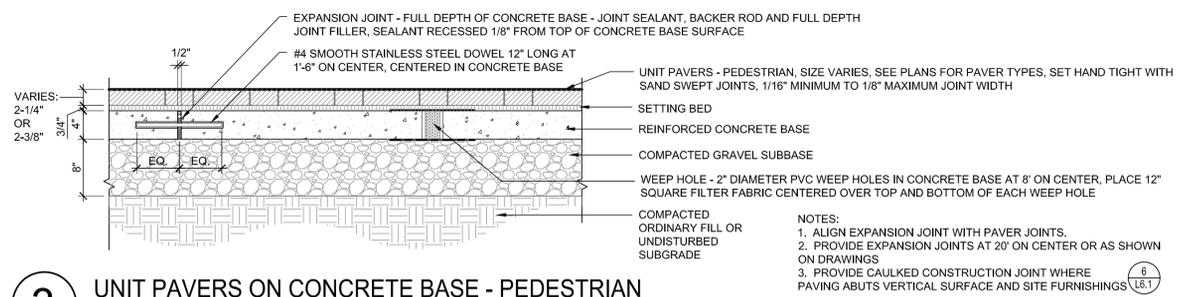
6 CAULKED CONSTRUCTION JOINT AT VERTICAL SURFACES
 SCALE: 1 1/2" = 1'-0"



1 PEDESTRIAN BITUMINOUS CONCRETE PAVEMENT
 SCALE: 1" = 1'-0"



2 UNIT PAVERS ON SAND / GRAVEL BASE - PEDESTRIAN
 SCALE: 1" = 1'-0"



3 UNIT PAVERS ON CONCRETE BASE - PEDESTRIAN
 SCALE: 1" = 1'-0"



CITY OF QUINCY
 THOMAS P. KOCH, MAYOR

HALVORSON DESIGN PARTNERSHIP
 LANDSCAPE ARCHITECTURE

ADAMS HANCOCK GREEN
 PHASE 1
 QUINCY, MA
 HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DESCRIPTION
DATE	



PREPARED BY: RH

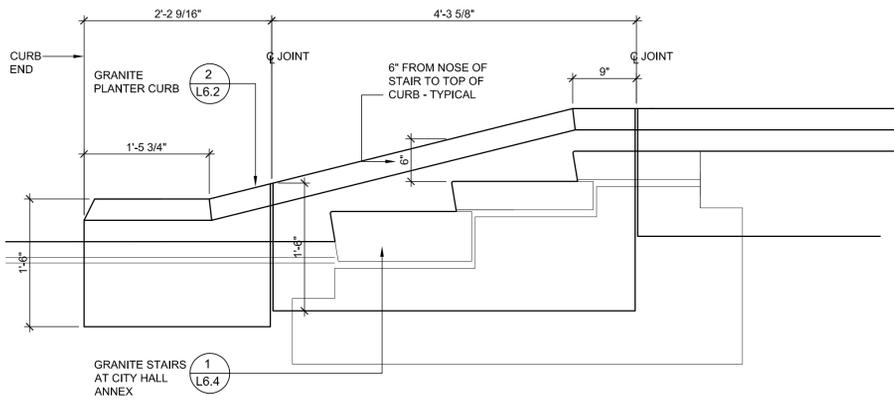
PROJECT NO:
 DRAWN BY: RH
 CHECKED BY: RH
 SCALE:

SUBMISSION:
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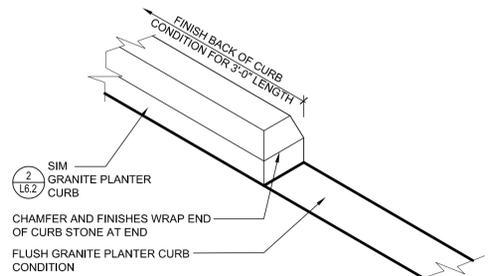
APRIL 12, 2016

LANDSCAPE DETAILS

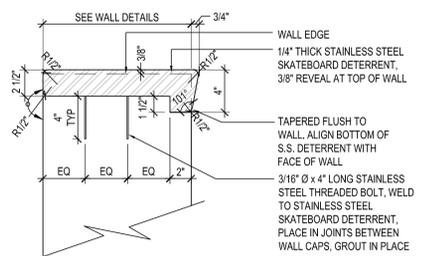
L6.1



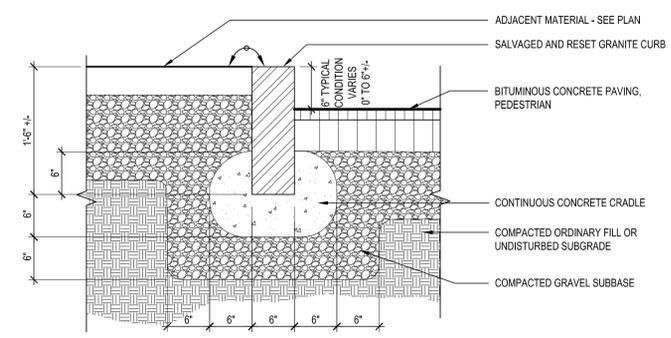
6 GRANITE PLANTER CURB AT CITY HALL ANNEX STAIR
SCALE: 1" = 1'-0"



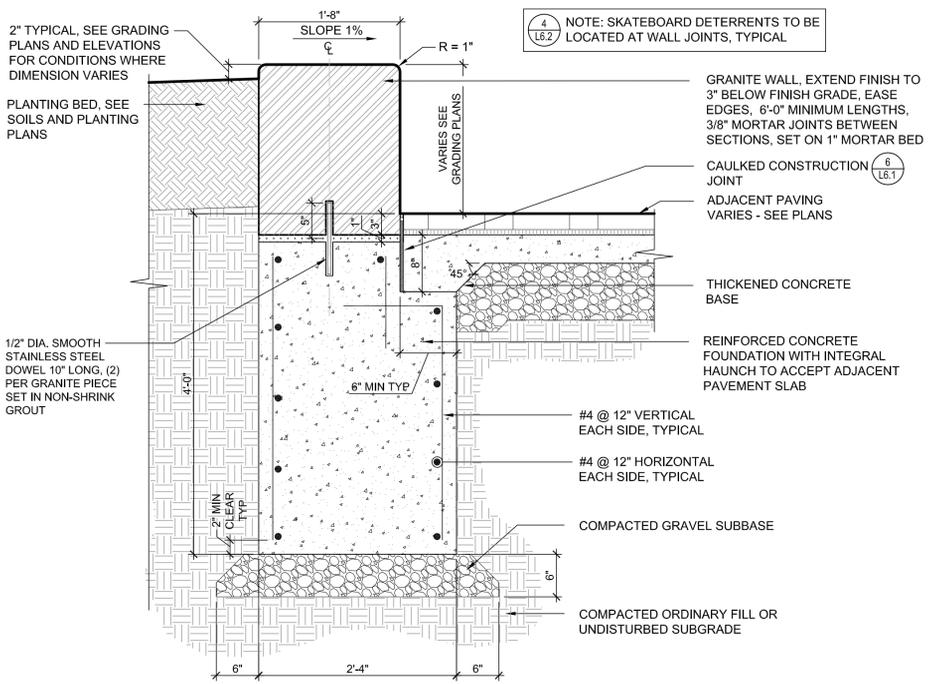
3 GRANITE PLANTER CURB END
SCALE: NTS



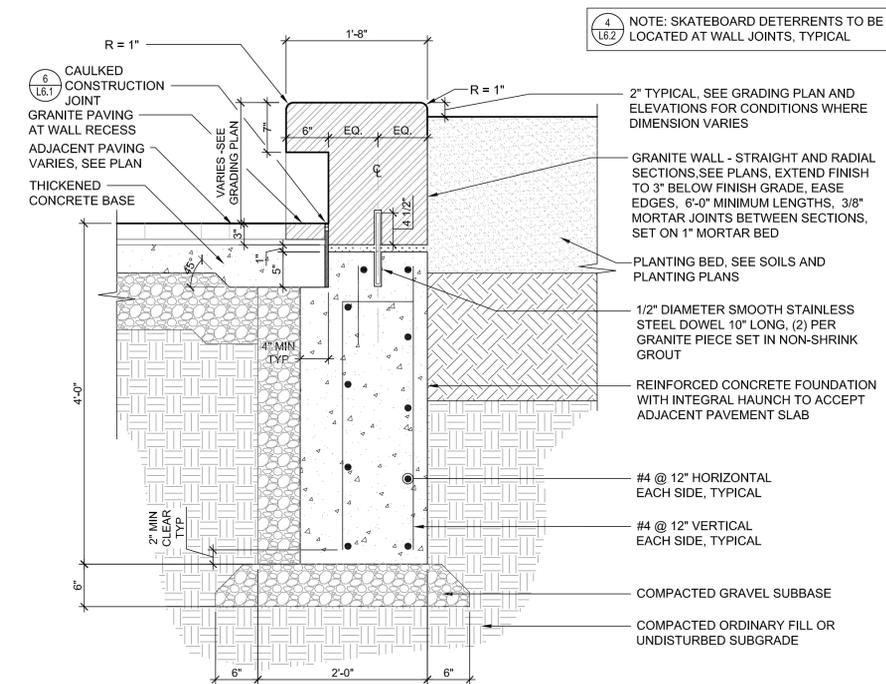
4 SKATEBOARD DETERRENT
Scale: 1 1/2" = 1'-0"



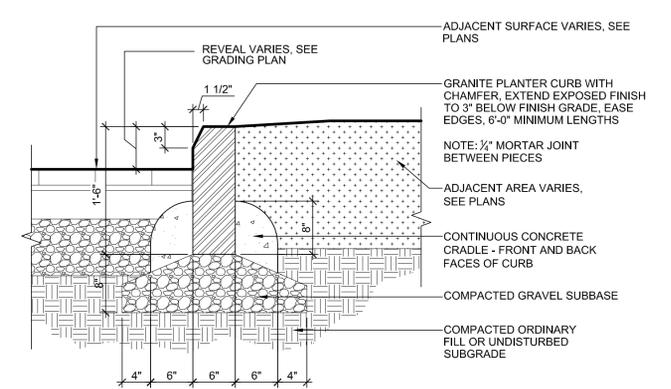
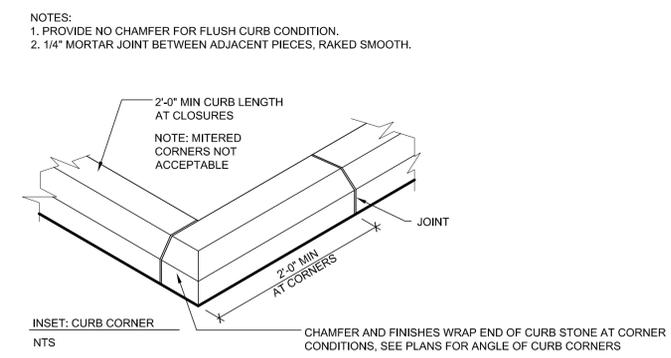
1 SALVAGED AND RESET GRANITE CURB
SCALE: 1" = 1'-0"



7 GRANITE PLANTER WALL
Scale: 1" = 1'-0"



5 GRANITE PLANTER WALL - RADIAL
SCALE: 1" = 1'-0"



2 GRANITE PLANTER CURB
SCALE: 1" = 1'-0"



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LANDSCAPE ARCHITECTURE

ADAMS HANCOCK GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DATE	DESCRIPTION



PREPARED BY: RH

PROJECT NO:

DRAWN BY: RH

CHECKED BY: RH

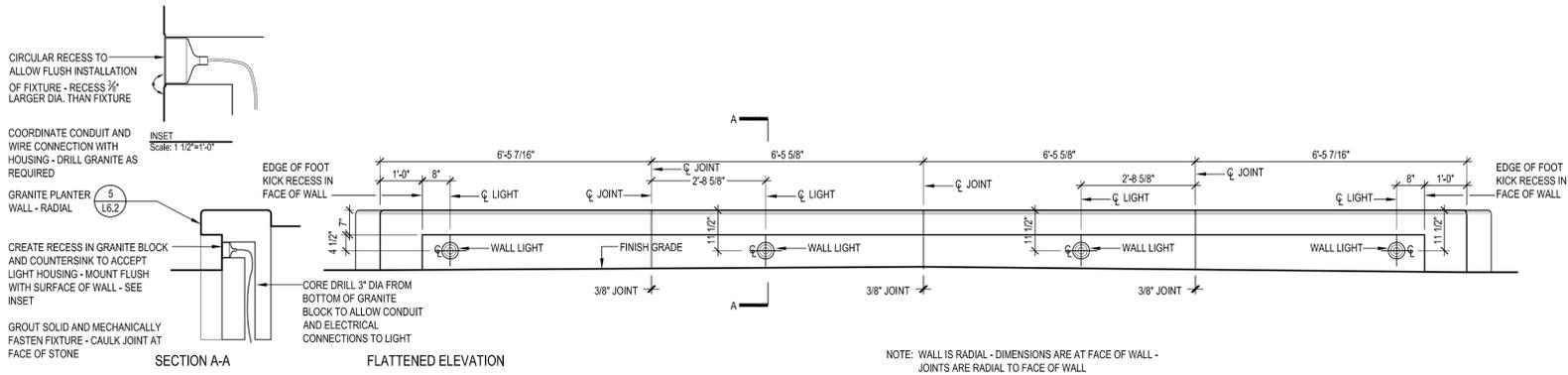
SCALE:

SUBMISSION:
100% CONSTRUCTION DOCUMENTS

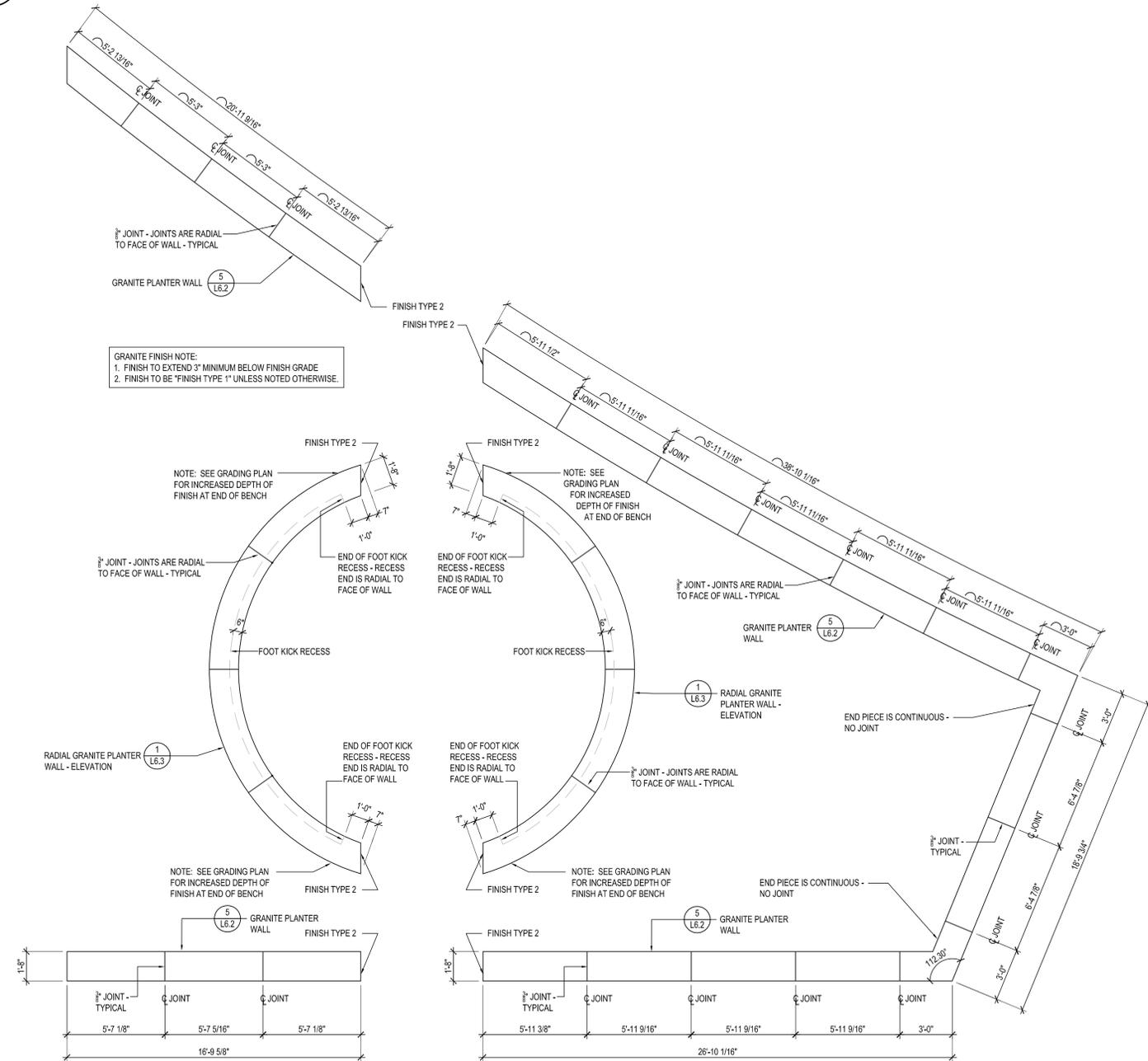
APRIL 12, 2016

LANDSCAPE DETAILS

L6.2



1 RADIAL GRANITE PLANTER WALL - ELEVATION
Scale: 1/2"=1'-0"



2 GRANITE PLANTER WALL - PLAN
Scale: 1/4"=1'-0"



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ADAMS HANCOCK GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DATE	DESCRIPTION



PREPARED BY: RH

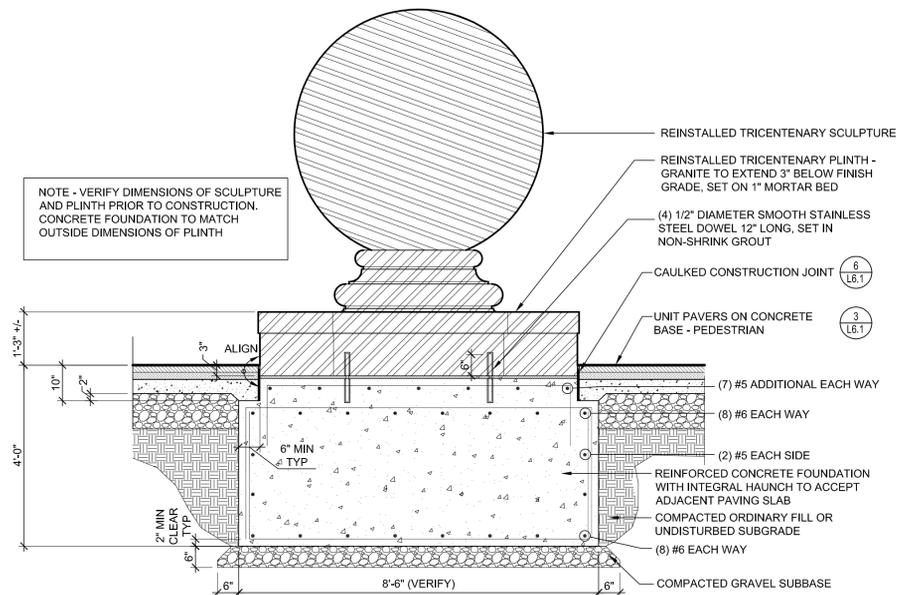
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CHECKED BY: RH
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SUBMISSION:
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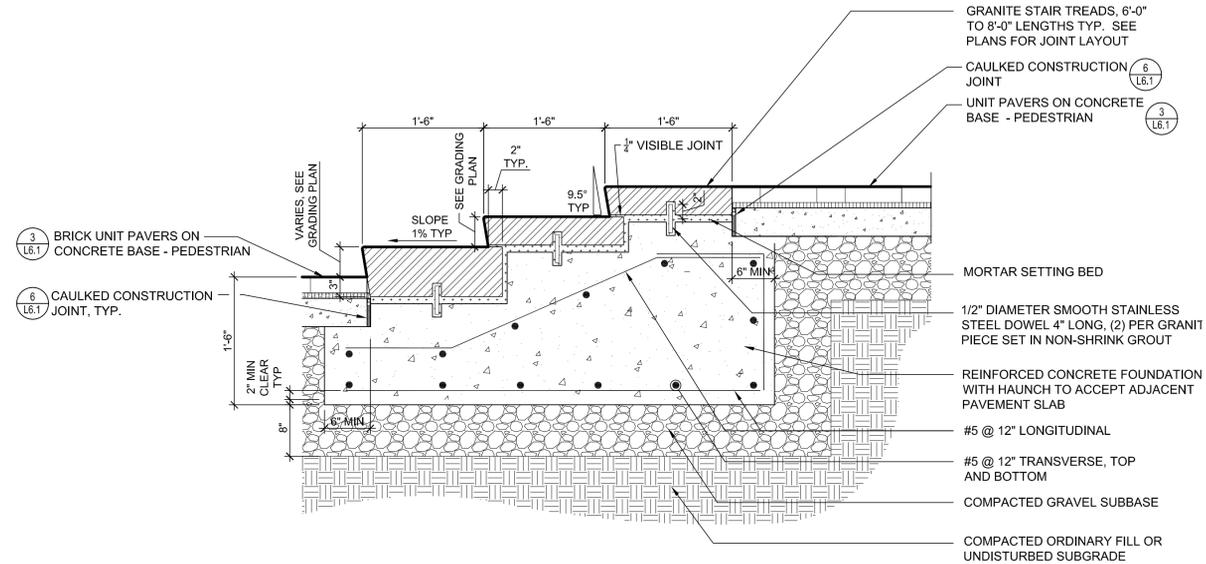
APRIL 12, 2016

LANDSCAPE DETAILS

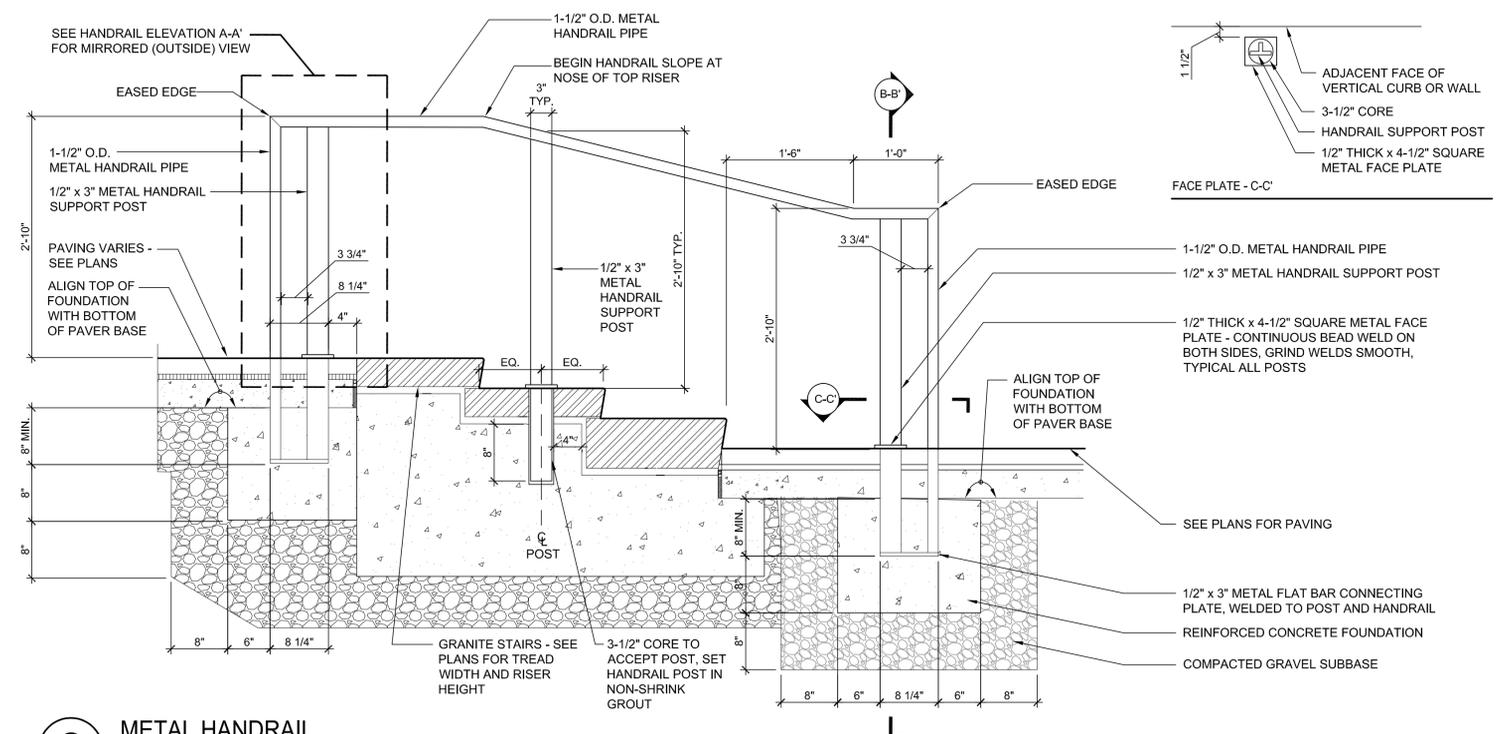
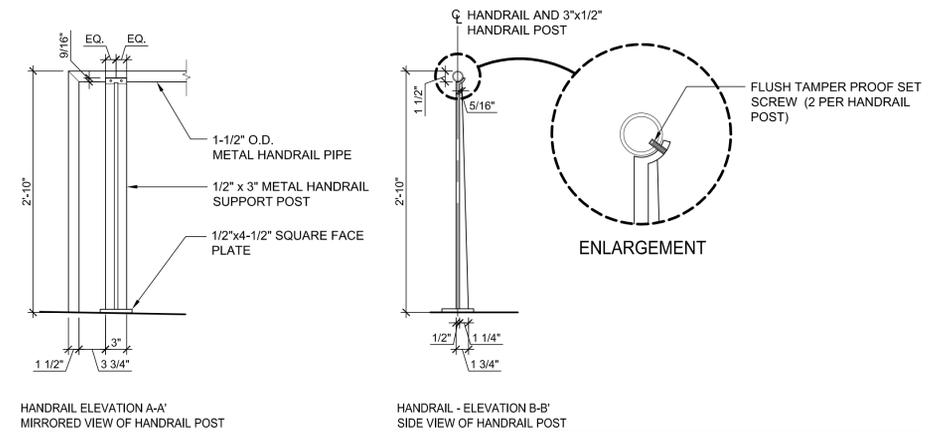
L6.3



3 RESET TRICENTENARY SCULPTURE AND PLINTH
Scale: 1/2"=1'-0"



1 GRANITE STAIRS AT CITY HALL ANNEX
SCALE: 1" = 1'-0"



2 METAL HANDRAIL
SCALE: 1" = 1'-0"



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DATE DESCRIPTION



PREPARED BY: RH

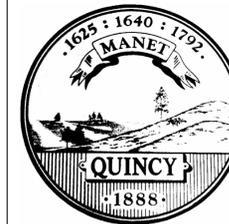
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CHECKED BY: RH
SCALE:

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LANDSCAPE DETAILS

L6.4

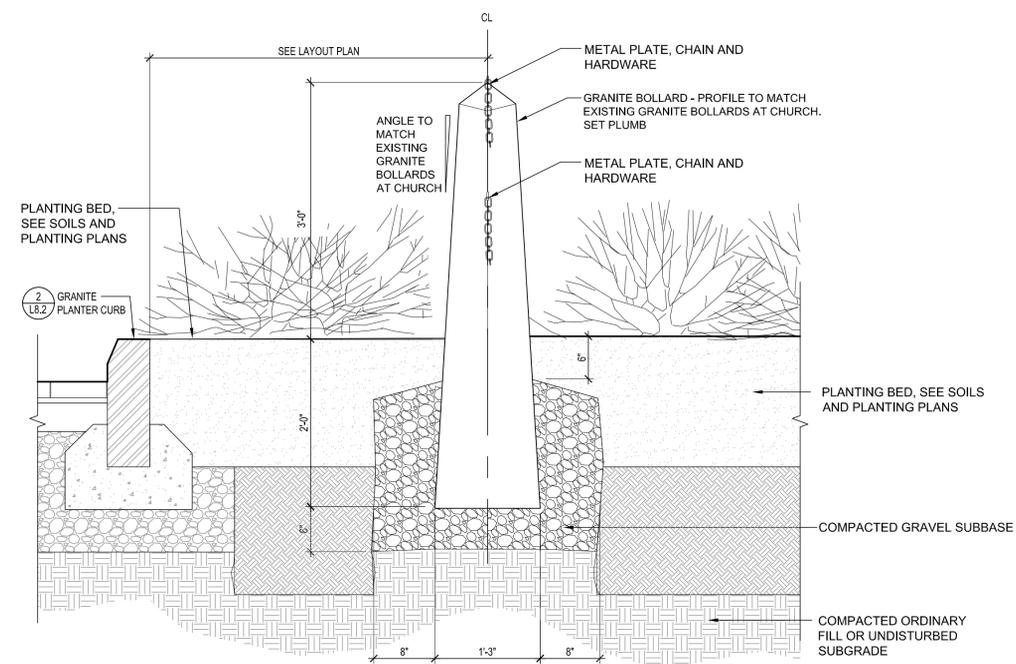


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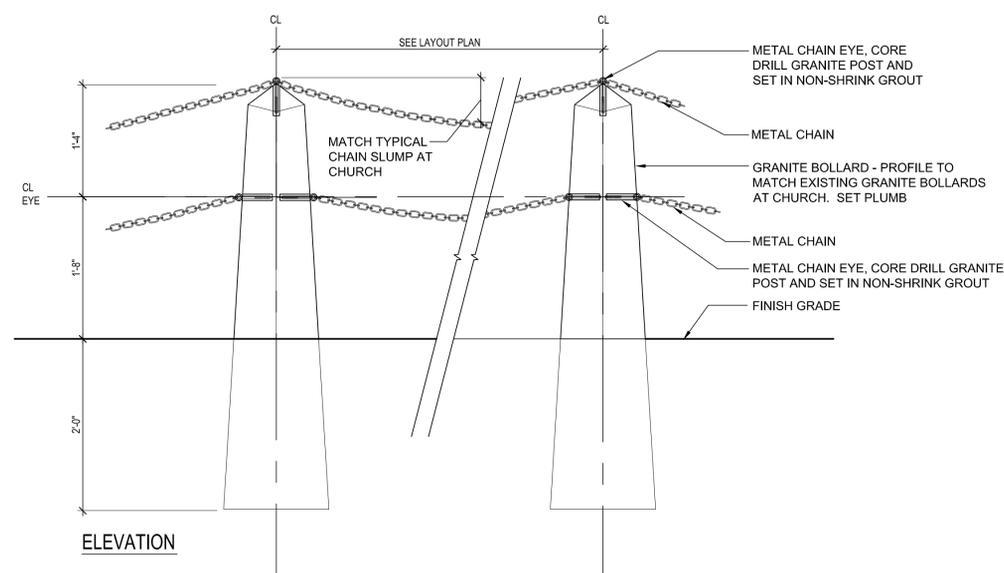
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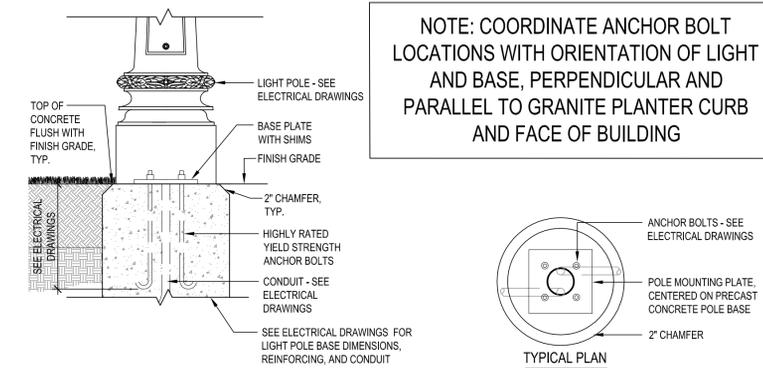


SECTION



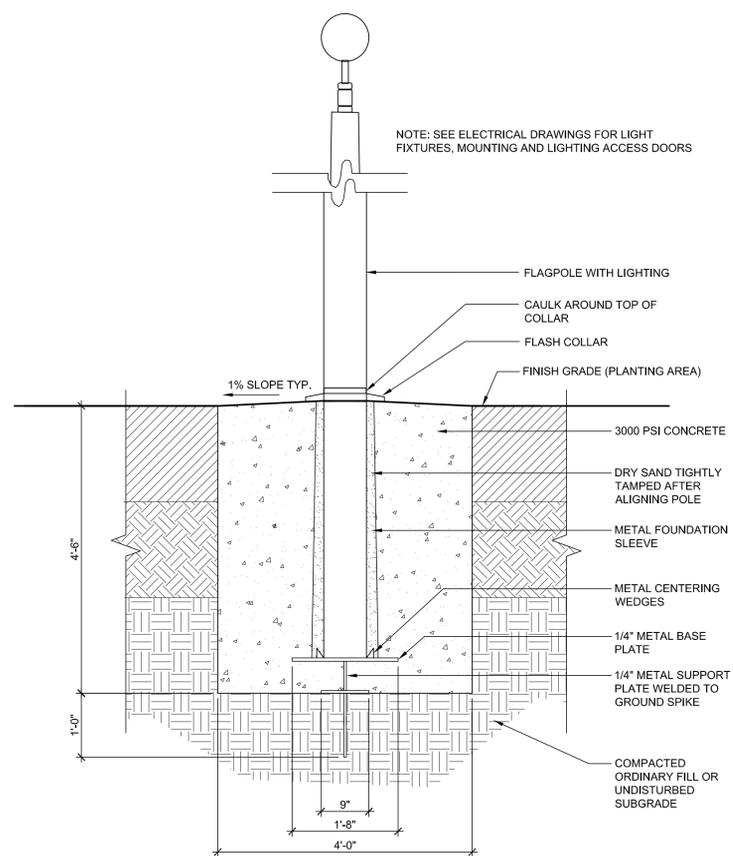
ELEVATION

3 GRANITE BOLLARD WITH METAL CHAIN
SCALE: 1" = 1'-0"



PLANTING BED AND LAWN CONDITION

1 LIGHT POLE FOUNDATION - FINISH GRADE CONDITION
Scale: 3/4" = 1'-0"



2 FLAGPOLE WITH LIGHTING
Scale: 3/4" = 1'-0"

REVISIONS	DATE	DESCRIPTION



PREPARED BY: RH

PROJECT NO:

DRAWN BY: RH

CHECKED BY: RH

SCALE:

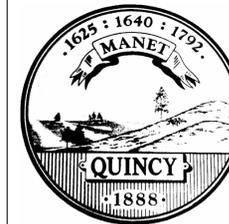
SUBMISSION:

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LANDSCAPE DETAILS

L6.5

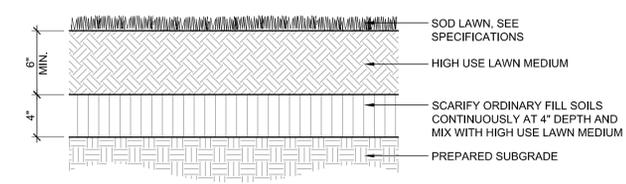


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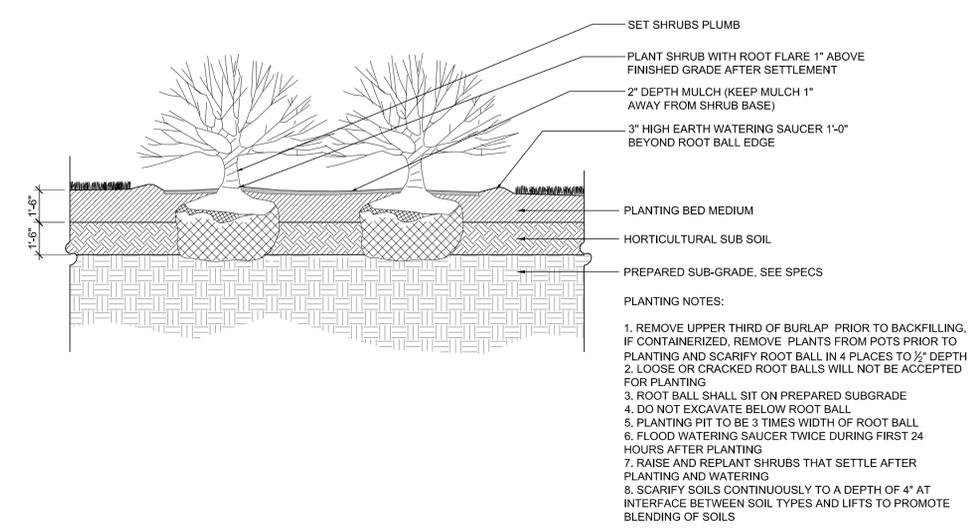
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24 HOURS BY 9AM EST TO 5PM EST
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PHASE 1
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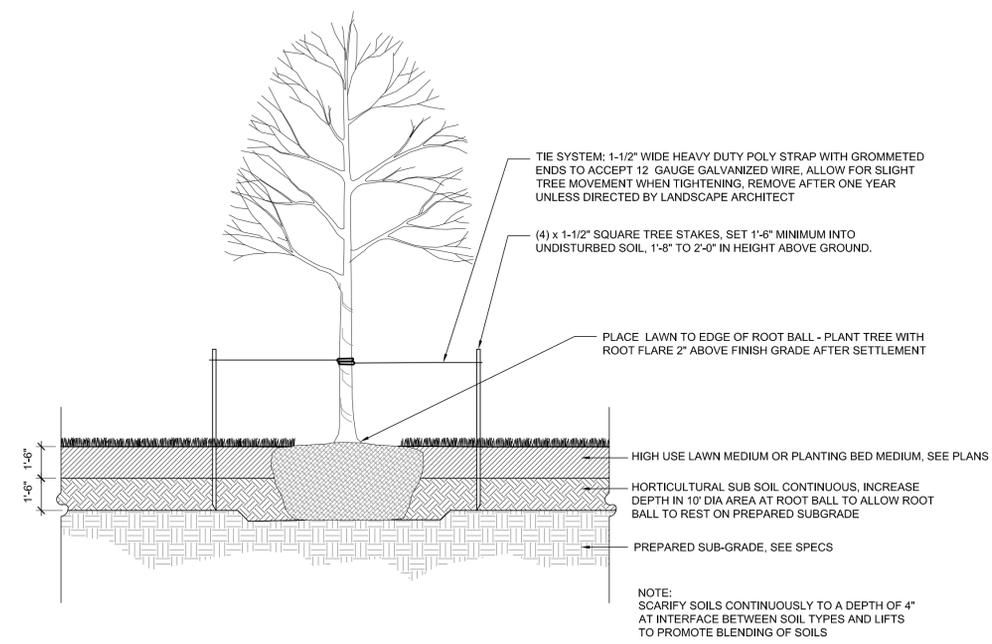


1 SOD LAWN
SCALE: N.T.S.



- PLANTING NOTES:
1. REMOVE UPPER THIRD OF BURLAP PRIOR TO BACKFILLING. IF CONTAINERIZED, REMOVE PLANTS FROM POTS PRIOR TO PLANTING AND SCARIFY ROOT BALL IN 4 PLACES TO 1/2" DEPTH
 2. LOOSE OR CRACKED ROOT BALLS WILL NOT BE ACCEPTED FOR PLANTING
 3. ROOT BALL SHALL SIT ON PREPARED SUBGRADE
 4. DO NOT EXCAVATE BELOW ROOT BALL
 5. PLANTING PIT TO BE 3 TIMES WIDTH OF ROOT BALL
 6. FLOOD WATERING SAUCER TWICE DURING FIRST 24 HOURS AFTER PLANTING
 7. RAISE AND REPLANT SHRUBS THAT SETTLE AFTER PLANTING AND WATERING
 8. SCARIFY SOILS CONTINUOUSLY TO A DEPTH OF 4" AT INTERFACE BETWEEN SOIL TYPES AND LIFTS TO PROMOTE BLENDING OF SOILS

2 SHRUB AND PERENNIAL PLANTING IN PLANTING BED
SCALE: 1/4" = 1'-0"



3 TREE PLANTING IN LAWN OR PLANT BED
SCALE: 1/4" = 1'-0"

REVISIONS	DATE	DESCRIPTION



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PROJECT NO:

DRAWN BY: RH

CHECKED BY: RH

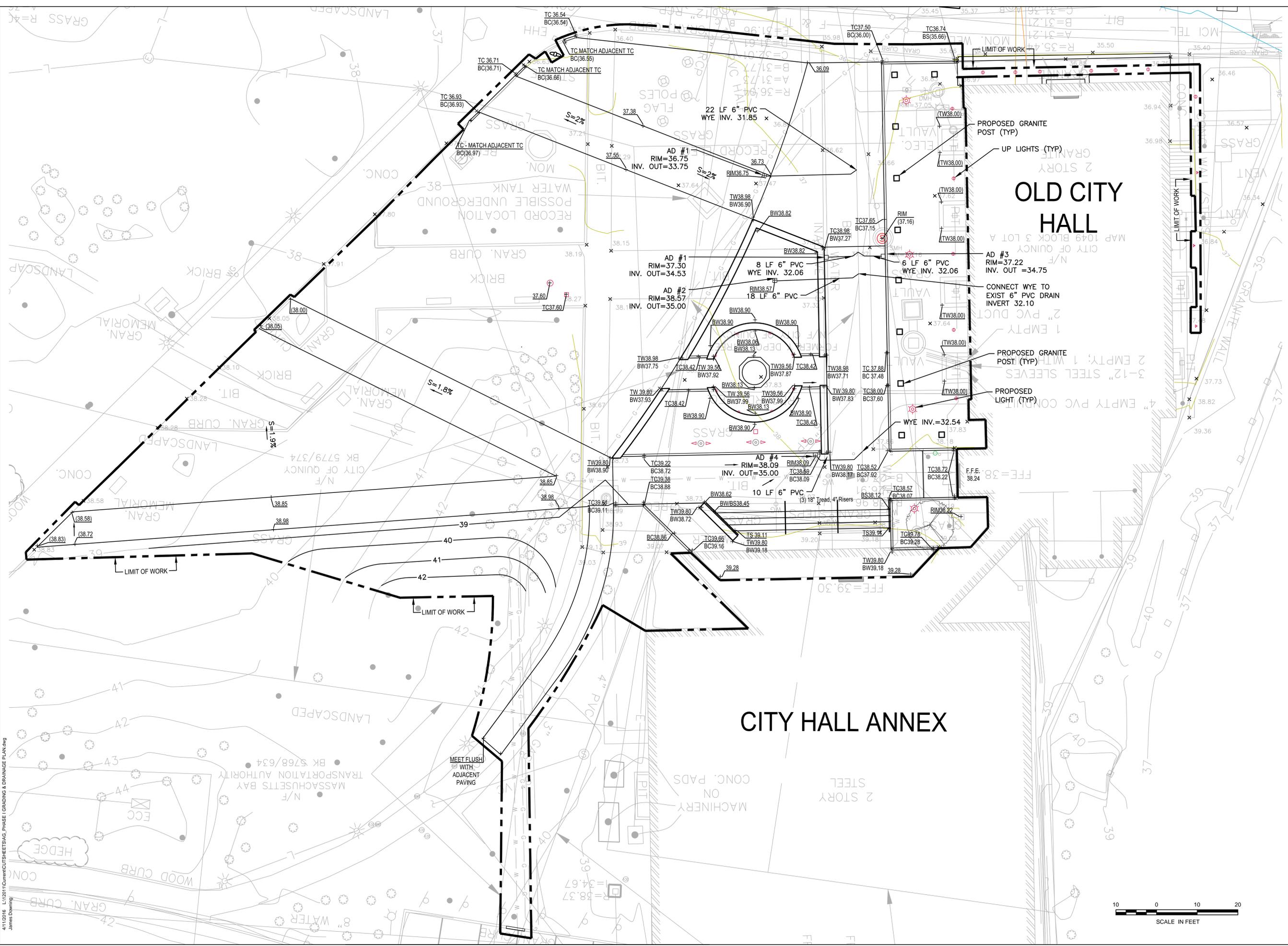
SCALE:

SUBMISSION:
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APRIL 12, 2016

LANDSCAPE DETAILS

L6.6



CITY OF QUINCY
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LANDSCAPE ARCHITECTURE

ADAMS GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DATE	DESCRIPTION



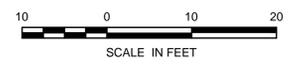
PREPARED BY: JD

PROJECT NO:
DRAWN BY: JD
CHECKED BY: RL
SCALE: 1" = 10'-0"

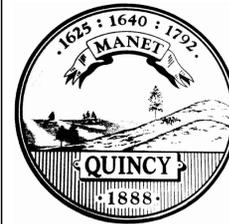
SUBMISSION:
100% CONSTRUCTION DOCUMENTS

APRIL 12, 2016
DRAINAGE & GRADING PLAN

C1.0



4/11/2016 L:\12011\Current\CUTSHEETS\AG_PHASE 1\GRADING & DRAINAGE PLAN.dwg
James Downing



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LANDSCAPE ARCHITECTURE

ADAMS GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DATE	DESCRIPTION



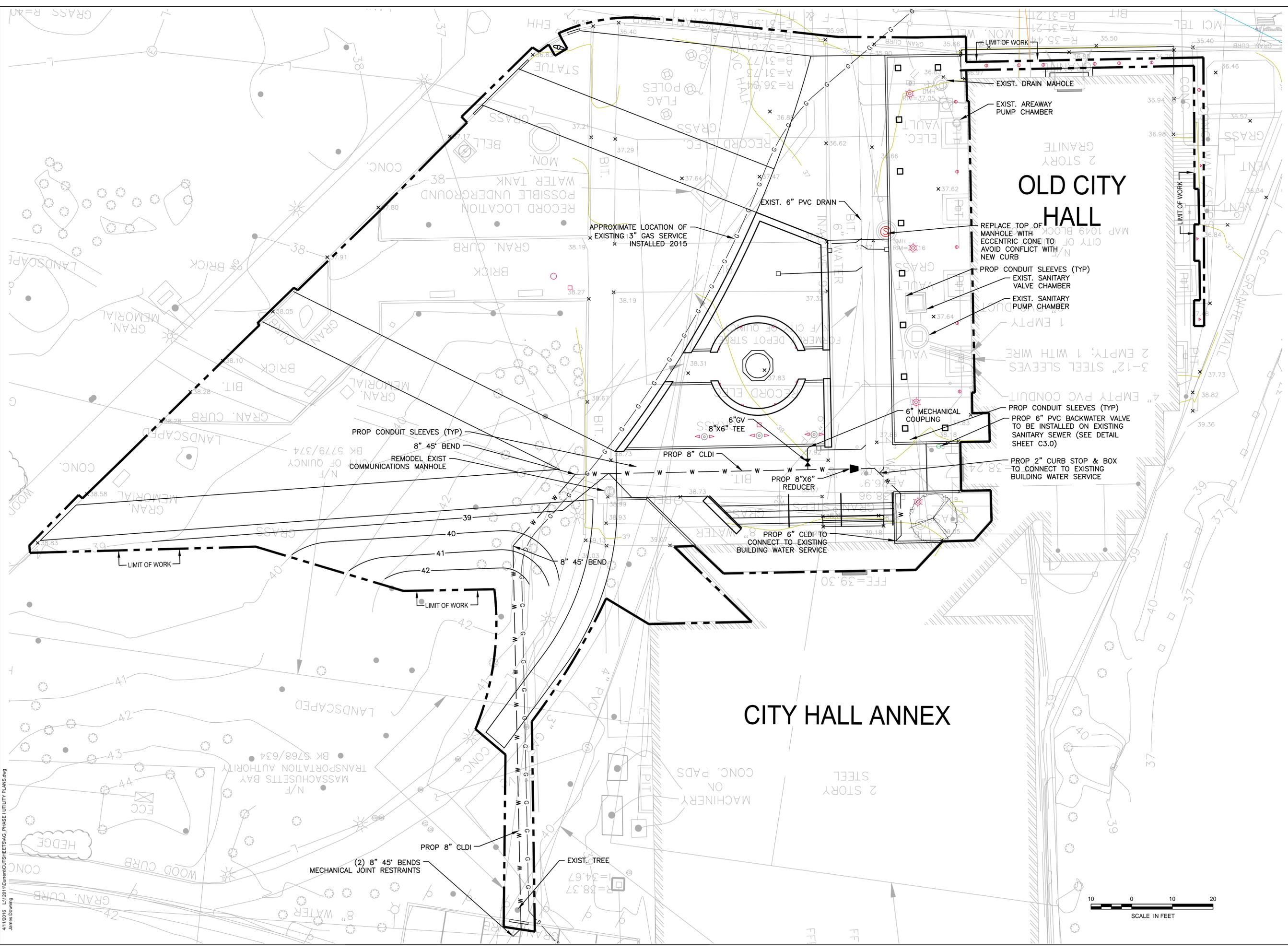
PREPARED BY: JD

PROJECT NO:
DRAWN BY: JD
CHECKED BY: RL
SCALE: 1" = 10'-0"

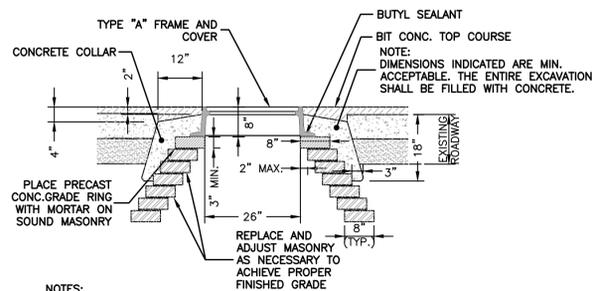
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APRIL 12, 2016
UTILITY PLAN

C2.0



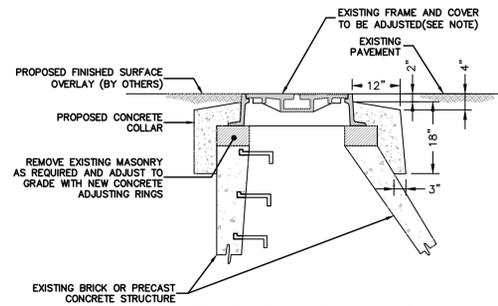
4/11/2016 L:\12011\Current\CUTSHEET\BAG_PHASE UTILITY PLANS.dwg
James Downing



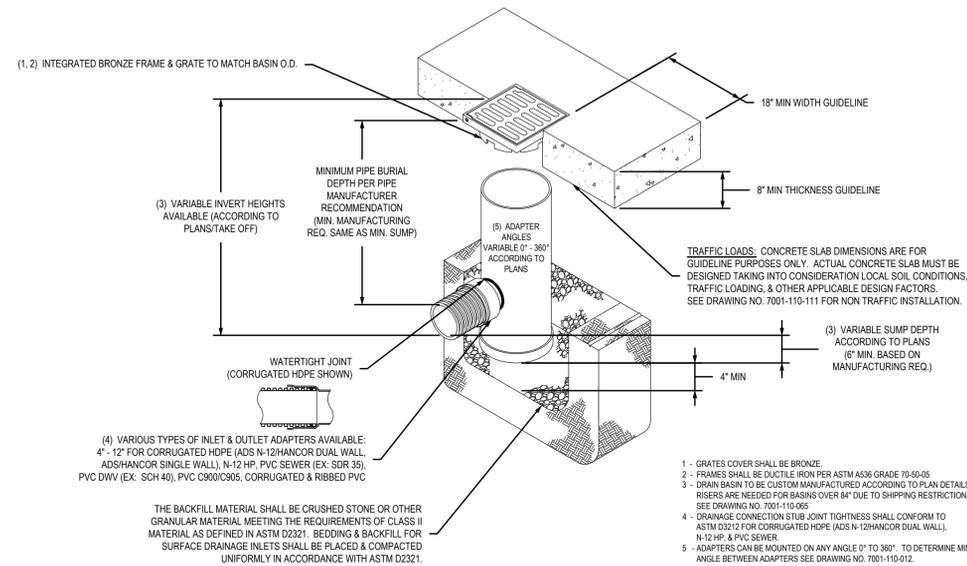
NOTES:

- APPLY SEALANT TO SURFACE OF COLLAR AND MANHOLE FRAME PRIOR TO PLACING BITUMINOUS CONCRETE TOP.
- ADJACENT TO CASTING, PLACE AND COMPACT BITUMINOUS CONCRETE TOP IN TWO COURSES.

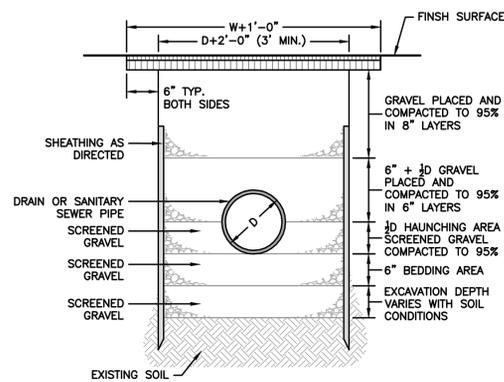
BRICK MANHOLE ADJUSTMENT TO GRADE (B-04)
NOT TO SCALE



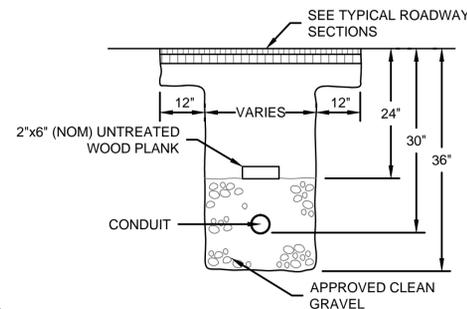
CONCRETE MANHOLE ADJUSTMENT TO GRADE (B-03)
NOT TO SCALE



12" AREA DRAIN
NOT TO SCALE



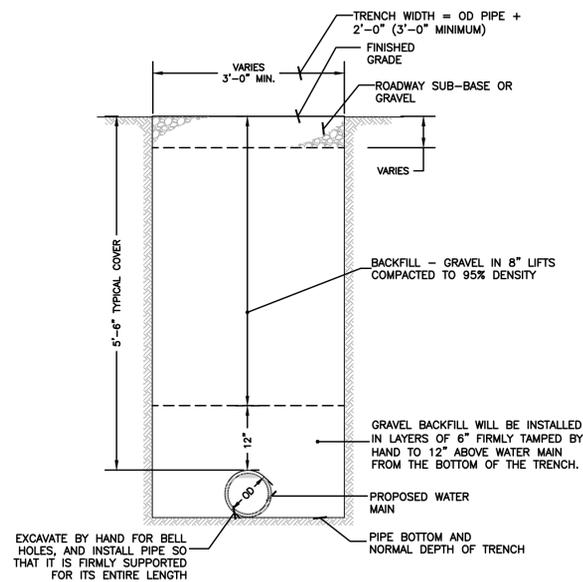
TRENCH DETAIL - DRAIN & SANITARY SEWER (B-08)
NOT TO SCALE



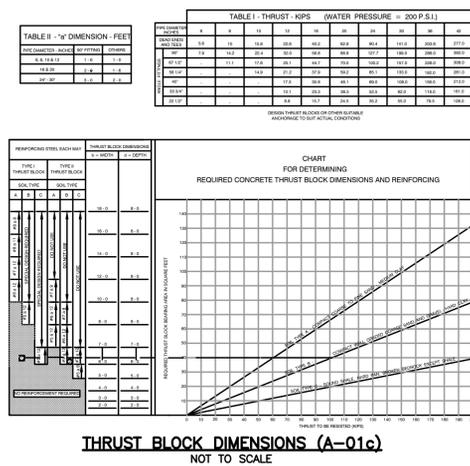
NOTES:

- 6" REINFORCED CEMENT CONCRETE TRENCH CAP REQUIRED ONLY IN AREAS OF EXIST ROADWAY PAVEMENT THAT DO NOT REQUIRE FULL DEPTH RECONSTRUCTION.
- WIDTH VARIES, DEPENDENT UPON THE NUMBER OF CONDUITS 18" FOR SINGLE CONDUIT AND 24" FOR THREE CONDUITS.

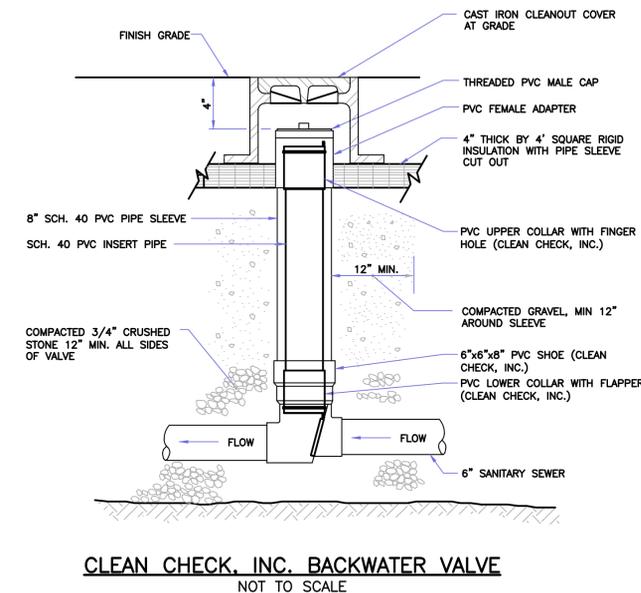
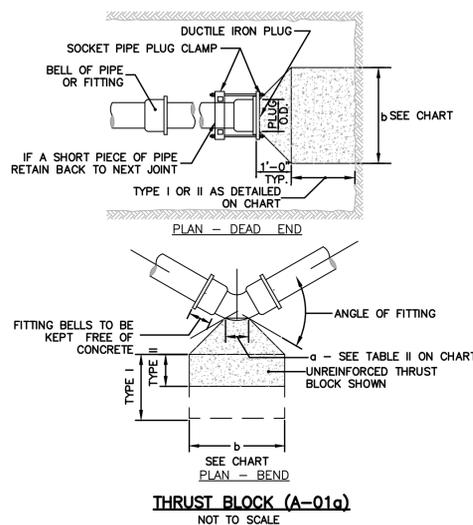
CONDUIT TRENCHING
NOT TO SCALE



TRENCH DETAIL - WATER MAIN (A-05)
NOT TO SCALE



THRUST BLOCK DIMENSIONS (A-01c)
NOT TO SCALE



CLEAN CHECK, INC. BACKWATER VALVE
NOT TO SCALE

NOTE:
MATERIALS AND INSTALLATION PER MANUFACTURERS INSTRUCTIONS



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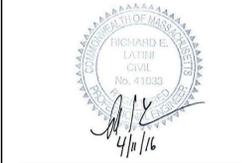
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ADAMS GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS
DATE DESCRIPTION

REVISIONS	DATE	DESCRIPTION



PREPARED BY: JD

PROJECT NO:

DRAWN BY: JD

CHECKED BY: RL

SCALE: N.T.S.

SUBMISSION:

100% CONSTRUCTION DOCUMENTS

APRIL 12, 2016

DETAILS

C3.0

LIGHTING FIXTURE SCHEDULE
ADAMS GREEN – PHASE I – QUINCY, MA
MARCH

Type	Mfr/Catalog #	Lamping	Electrical	Notes
PT-2	Neri # Fixture: PNB00L-02-1-P3; 02(Qty 1)-MOD(Paint LED Tray; Black); Pole: 1191.050-GFCI(18" from Top)-ACCESS PANEL (1@ 180 degrees to GFCI, 18" from Top)-PHOTOCELL (8' From Bottom, Cast Shield); Top Adapter: #100.050; Base: 'Nashua' 1320 Description: Single Headed Pedestrian Post-Top	1 - LED	Input Watts: 60	Location: Site 1. L suffix designates installation in lawn condition, P suffix designates installation on paving. See Landscape Architects details for installation differences. 2. Install per Landscape Architects drawings and details 3. Provide in black finish, RAL 9005. 4. Provide LEDs in 3,000K color temperature. 5. Manufacturer to paint out LED housing tray to match fixture: gray/black finish. 6. Manufacturer to provide with GFCI outlet at top of pole, 18" down. 7. Manufacturer to provide with access panel at top of pole, located 18" down. Access panels to be 180 degrees from GFCI outlet. 8. Manufacturer to provide with local photocell control. 9. Photocell to be located 8' from bottom of pole and have a cast curved shield above it to prevent false on/off triggers from the light source.
PT-4	Hevi Lite # HL 426-BZ-70-120/277-SMFB/WMEB(EC to verify mounting in pole)-LA 2 20; Eder Flag # 380130 (EC to Confirm & Coordinate Pole Diameter) Description: Flag Accent Light	1 - Philips # CDM70/T6/930 ELITE 70w T6 MH 3000K	Input Watts: 70	Location: Flag Poles 1. Provide in fixture and tunnel enclosures in bronze finish (EC to coordinate finish of tunnels to match flag poles). 2. Provide fixture with flood lens. 3. EC to confirm and coordinate tunnel light to match pole diameter at mounting height specified, prior to ordering. 4. Final focus to be in the field, by EC, under the direction of lighting designer. 5. EC to coordinate mounting of remote ballast to be in conformance with lamp/ballast distance specifications. 6. EC to mount to pole, per landscape drawing detail.

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LIGHTING FIXTURE SCHEDULE
ADAMS GREEN – PHASE I – QUINCY, MA
MARCH

Type	Mfr/Catalog #	Lamping	Electrical	Notes
RG-3	B-K Lighting # B-TY2-T670-WW-82-MIT-H70E-MT Description: MH Inground Facade Wallwasher	1 - Philips # CDM70/T6/830	Input Watts: 70	Location: OCH Facade 1. Provide faceplate in Mitique brass finish. 2. Provide with internal cut-off louver. 3. Mount faceplate flush with grade. 4. Install per landscape architects detail. 5. EC to verify voltage and coordinate, prior to ordering.
RG-3A	B-K Lighting # S-HP2-AR35-TR-271-MAC-11-12-MT-AH-GMR Description: MH Inground Facade Accent Light	1 - Philips # CDM-R111/35/830/24DEG	Input Watts: 35	Location: OCH Facade 1. Provide faceplate in machined stainless steel finish. 2. Provide with accessory holder, beam softening lens, and honeycomb baffle. 3. Mount faceplate flush with walkway. 4. Install per landscape architects detail. 5. EC to verify voltage and coordinate, prior to ordering.
RW-1	Bega # 3821LED-K3-580 Description: Recessed Wall Button Light	1 - LED	Input Watts: 1	Location: Granite Ball Sculpture 1. Provide in stainless steel finish. 2. Provide LEDs in 3,000K color temperature. 3. Provide with remote driver. 4. Remote driver to be located in the field, per the direction of the Landscape Architect, in weatherproof enclosure. 5. Weatherproof enclosure to be provided by EC.
SG-1	B-K Lighting # Fixture: YO-WW-82-BZW-10-11-CV; Mounting: PP-S-12-B-BZW-SF; Remote Description: OCH Surface Mount Facade Wall Washer (w/ Remote Ballast)	1 - Philips # CDM70/T6/830	Input Watts: 70	Location: OCH Facade 1. Provide in bronze finish. 2. Provide with spread lens. 3. Provide with honeycomb baffle. 4. Provide with cut-off visor.

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LIGHTING FIXTURE SCHEDULE
ADAMS GREEN – PHASE I – QUINCY, MA
MARCH

Type	Mfr/Catalog #	Lamping	Electrical	Notes
SG-1A	B-K Lighting # Fixture: YO-WW-82-BZW-10-11-CV; Mounting: PM3-SM-H70-2-MT Description: OCH Surface Mount Facade Wall Washer (w/ Integral Ballast)	1 - Philips # CDM70/T6/830	Input Watts: 70	Location: OCH Facade 1. Provide in bronze finish. 2. Provide with spread lens. 3. Provide with honeycomb baffle. 4. Provide with cut-off visor. 5. Mount to top of stairwell wall, building side of railing.
SG-3	B-K Lighting CUS-1204-20-BLK-LOCK/KEY Description: Power Pedestal			Location: Site 1. Provide in black finish. 2. Manufacturer to provide with locking capability.

Notes:

- Submittal drawings are required for all fixtures, prior to ordering. Any fixtures ordered without submittal review by Lumen Studio, Inc. are the sole responsibility of the contractor or owner.
- Any substitutions not approved by Lumen Studio, Inc. prior to ordering are the sole responsibility of the contractor or owner.
- Contractor shall verify run lengths and mounting details of all fixtures with architectural drawings.
- Contractor shall verify and coordinate fixture mounting with architectural details, housing type, and field conditions.
- Contractor shall verify maximum ceiling thickness allowed by downlight trim and inform factory if ceiling is thicker than allowed.
- For pendant-mounted fixtures, provide adequate cord length to suspend fixtures at heights shown on architectural drawings.
- For LED, track, and remote transformer fixtures, all fixtures shall be ordered with necessary power supplies, drivers, and power feeds for installation of a complete system.
- For all continuous-run fluorescent fixtures, contractor shall provide optimal combination of 3' and 4' lengths as necessary to complete runs. Allow no more than 6" free space at either end of run.
- Provide all parts and components necessary for installation for all fixtures.
- For all continuous run fixtures, including track, Manufacturer shall submit a layout drawing for run lengths specified on architectural drawings during shop drawing review for Lumen Studio, Inc. and Architect approval prior to fabrication.
- Electrical Contractor shall verify voltage with the Electrical Engineer, and coordinate, prior to ordering any lighting equipment.

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SYMBOL LIST

	POLE AND/OR GROUND MOUNTED
	SINGLE POLE - CENTERLINE 4'-0" ABOVE FINISH FLOOR (A.F.F.), REFER TO SPECIFICATIONS FOR MANUFACTURER AND CATALOG NUMBER.
	TIME SWITCH - CENTERLINE 4'-0" A.F.F., REFER TO SPECIFICATIONS FOR MANUFACTURER AND CATALOG NUMBER.
	DUPLEX - CENTERLINE 18" A.F.F., EXCEPT AS NOTED, REFER TO SPECIFICATIONS FOR MANUFACTURER AND CATALOG NUMBER. (NUMERAL INDICATES CIRCUIT NUMBER).
	DUPLEX WITH GROUND FAULT PROTECTION - CENTERLINE 18" A.F.F., EXCEPT AS NOTED, REFER TO SPECIFICATIONS FOR MANUFACTURER AND CATALOG NUMBER. (NUMERAL INDICATES CATALOG NUMBER).
	HOMERUN TO PANEL "LH1", CIRCUITS 1 AND 3. DIAGONAL LINES INDICATE NUMBER OF CONDUCTORS WHEN MORE THAN TWO. REFER TO SPECIFICATIONS FOR GROUND WIRE(S) NOT SHOWN ON DRAWING(S), WIRE, AND HOMERUN REQUIREMENTS.
	PANELBOARD.
	DISCONNECT SWITCH - FUSED.
	DISCONNECT SWITCH - UNFUSED.
	HANDHOLE - REFER TO DETAIL
	PULLBOX - SIZED PER CODE.
	JUNCTION BOX - CEILING MOUNTED.
	JUNCTION BOX - WALL MOUNTED.
	CONTROLS BY OTHER - WIRING AND CONNECTION BY ELECTRICAL.

BRANCH CIRCUITS SCHEDULE

120 OR 277 VOLT, 1Ø, 2W, CIRCUITS		120/208 & 277/480 VOLT, 3Ø, 4W, CIRCUITS	
CIRCUIT BREAKER	CONDUCTOR	CIRCUIT BREAKER	CONDUCTOR
20A -1P	2 #12 & 1 #12 GND. - 3/4"	15A -3P	4 #12 & 1 #12 GND. - 3/4"
30A -1P	2 #10 & 1 #10 GND. - 3/4"	20A -3P	4 #12 & 1 #12 GND. - 3/4"
40A -1P	2 #8 & 1 #10 GND. - 3/4"	30A -3P	4 #10 & 1 #10 GND. - 3/4"
50A -1P	2 #6 & 1 #10 GND. - 3/4"	40A -3P	4 #8 & 1 #10 GND. - 3/4"
60A -1P	2 #6 & 1 #10 GND. - 3/4"	50A -3P	4 #6 & 1 #10 GND. - 1"
		60A -3P	4 #6 & 1 #10 GND. - 1"
120/208 VOLT, 1Ø, 3W, CIRCUITS		208 OR 480 VOLTS, 3Ø, 3W, CIRCUITS	
CIRCUIT BREAKER	CONDUCTOR	CIRCUIT BREAKER	CONDUCTOR
20A -2P	3 #12 & 1 #12 GND. - 3/4"	20A -3P	3 #12 & 1 #12 GND. - 3/4"
30A -2P	3 #10 & 1 #10 GND. - 3/4"	30A -3P	3 #10 & 1 #10 GND. - 3/4"
40A -2P	3 #8 & 1 #10 GND. - 3/4"	40A -3P	3 #8 & 1 #10 GND. - 3/4"
50A -2P	3 #6 & 1 #10 GND. - 3/4"	50A -3P	3 #6 & 1 #10 GND. - 3/4"
60A -2P	3 #6 & 1 #10 GND. - 3/4"	60A -3P	3 #6 & 1 #10 GND. - 3/4"

208 VOLT 1Ø, 2W, CIRCUITS		BRANCH CIRCUIT SCHEDULE NOTES:	
CIRCUIT BREAKER	CONDUCTOR	1. IF BRANCH CIRCUIT FEEDS ISOLATED GROUND OUTLETS OR EQUIPMENT (INDICATED AS 'IG'), PROVIDE TWO (2) GROUND CONDUCTORS.	
20A -2P	2 #12 & 1 #12 GND. - 3/4"	2. WIRES SIZES INDICATED ARE MINIMUM. LARGER SIZES MAY BE REQUIRED TO OVERCOME VOLTAGE DROP. REFER TO SPECIFICATIONS.	
30A -2P	2 #10 & 1 #10 GND. - 3/4"		
40A -2P	2 #8 & 1 #10 GND. - 3/4"		
50A -2P	2 #6 & 1 #10 GND. - 3/4"		
60A -2P	2 #6 & 1 #10 GND. - 3/4"		

LUMINAIRE BRANCH CIRCUIT WIRING SCHEDULE

CONDUCTOR AWG.	MAXIMUM CONDUCTOR LENGTH AT 120 VOLTS	MAXIMUM CONDUCTOR LENGTH AT 277 VOLTS	GROUND CONDUCTOR AWG.
#12	75'-0"	175'-0"	#12
#10	120'-0"	285'-0"	#10
#8	190'-0"	445'-0"	#10
#6	300'-0"	----	#10

LUMINAIRE BRANCH CIRCUIT WIRING SCHEDULE NOTES:

- BASED ON 20 AMP CIRCUIT LOADED TO 12 AMP USING SINGLE PHASE, 2 WIRE CIRCUITS.
- THE ABOVE SCHEDULE REPRESENTS MINIMUM CONDUCTOR SIZE BASED ON LENGTH OF CONDUCTOR FROM PANEL TO CENTER OF LOAD TO OVERCOME VOLTAGE DROP.
- MAKE PROVISIONS FOR JUNCTION BOX ADJACENT TO OUTLET TO TRANSITION TO #12 WIRE FOR FINAL TERMINATIONS TO DEVICE AS REQUIRED.

RECEPTACLE BRANCH CIRCUIT WIRING SCHEDULE

CONDUCTOR AWG.	MAXIMUM CONDUCTOR LENGTH AT 120 VOLTS	GROUND CONDUCTOR AWG.
#12	100'-0"	#12
#10	165'-0"	#10
#8	255'-0"	#10
#6	405'-0"	#10

RECEPTACLE BRANCH CIRCUIT WIRING SCHEDULE NOTES:

- BASED ON 20 AMP CIRCUIT LOADED TO 9 AMP USING SINGLE PHASE, 2 WIRE CIRCUITS.
- THE ABOVE SCHEDULE REPRESENTS MINIMUM CONDUCTOR SIZE BASED ON LENGTH OF CONDUCTOR FROM PANEL TO CENTER OF LOAD TO OVERCOME VOLTAGE DROP.
- MAKE PROVISIONS FOR JUNCTION BOX ADJACENT TO OUTLET TO TRANSITION TO #12 WIRE FOR FINAL TERMINATIONS TO DEVICE AS REQUIRED.

PARTIAL LIST OF ABBREVIATIONS AND SUBSCRIPTS

A.F.F.	ABOVE FINISH FLOOR	UP	UTILITY POLE
E	EXISTING TO REMAIN	WP	WEATHERPROOF
R	EXISTING TO BE REMOVED		

DRAWING LIST

DWG. No.	DRAWING NAME:	SHEET No.
E0.0	SYMBOL LIST AND NOTES	1 of 3
E0.1	SITE PLAN	2 of 3
E0.2	SCHEDULES AND DETAILS	3 of 3



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PROJECT NO: 13-2593

DRAWN BY: AKL

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SCALE: NONE

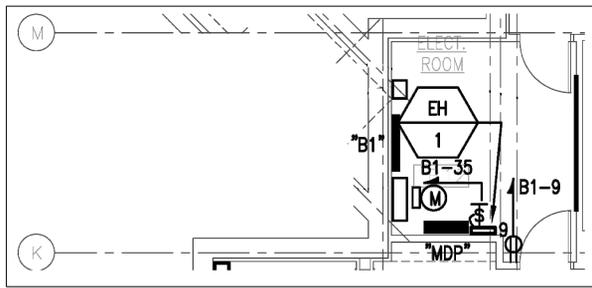
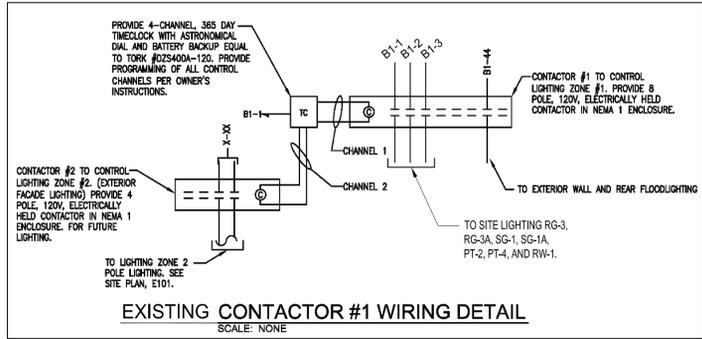
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APRIL 12, 2016

SYMBOL LIST AND
NOTES

E0.0



CITY HALL ANNEX

120V CONNECTION TO IRRIGATION CONTROL PANEL

APPROXIMATE LOCATION OF EXISTING ELECTRIC ROOM REFER TO PART PLAN THIS DRAWING

B1-2 (MIN. #10 AWG)
B1-1,3 (B1-1 MIN. #4 AWG, B1-3 MIN. #10 AWG)
B1-4,5 (MIN. #8 AWG)
ALL RUN VIA (1) 2" C. PLUS RUN (1) 2" C. SPARE

OLD CITY HALL

OLD CITY HALL

SITE PLAN NOTES:

- 1 ALL SITE LIGHTING BRANCH CIRCUITRY SHALL BE MINIMUM #4AWG UNLESS NOTED OTHERWISE OR LARGER WHERE REQUIRED BY VOLTAGE DROP.
- 2 (4) EXISTING 2" CONDUITS FROM EXISTING ELECTRIC CLOSET STUBBED OUT AND CAPPED FOR EXTENSION TO ELECTRICAL EQUIPMENT UNDER THIS PROJECT.
- 3 2" CONDUIT FOR FUTURE EXTENSION TO MASSDOT STREET LIGHTING CONTROL CABINET #1, CAP AND STAKE.
- 4 ALL CIRCUITS ARE TO EXISTING PANELBOARD "B1" AND CONTACTOR #1 VIA EXISTING CONDUITS IDENTIFIED AT NOTE 2
- 5 2" CONDUIT FOR FUTURE EXTENSION TO ADAMS GREEN PROJECT EQUIPMENT CABINET, CAP AND STAKE. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT.
- 6 PROVIDE (2) 20A GROUND FAULT RECEPTACLES WITHIN SG-3.
- 7 DO NOT RUN CONDUITS THROUGH EXISTING AREAWAYS.
- 8 EXTEND (2) 2" CONDUITS FROM STUBOUTS AT BUILDING TO THIS LOCATION, CAP AND STAKE FOR FUTURE USE. COORDINATE EXACT LOCATION PRIOR TO ROUGHING.
- 9 2" PVC CONDUIT RUN UNDER WALKWAYS BETWEEN PLANTING AREAS FOR FUTURE USE, CAP AND STAKE.
- 10 DO NOT TERMINATE ANY FUTURE CONDUITS UNDER PAVED OR CONCRETE WALKWAYS, ALL FUTURE CONDUITS SHALL BE TERMINATED WITHIN GRASS AND/OR PLANTING AREAS.
- 11 ALL WIRING WITHIN EXISTING BUILDING SHALL BE IN EMT CONDUIT.



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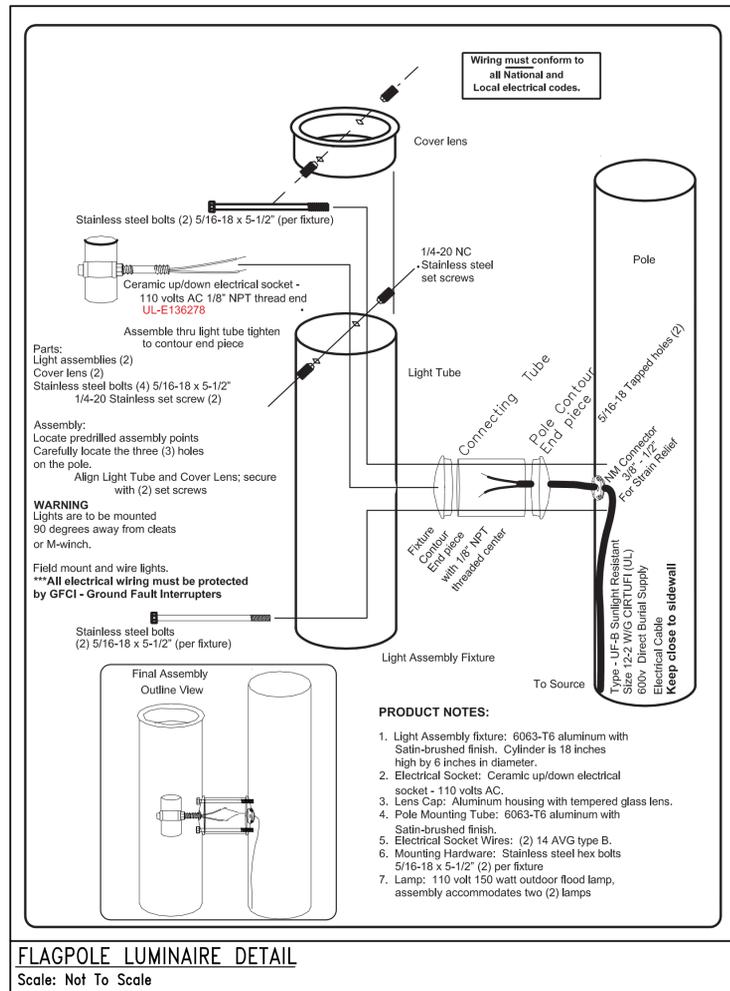
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CHECKED BY: KJA
SCALE: 1"=10'-0"

SUBMISSION:
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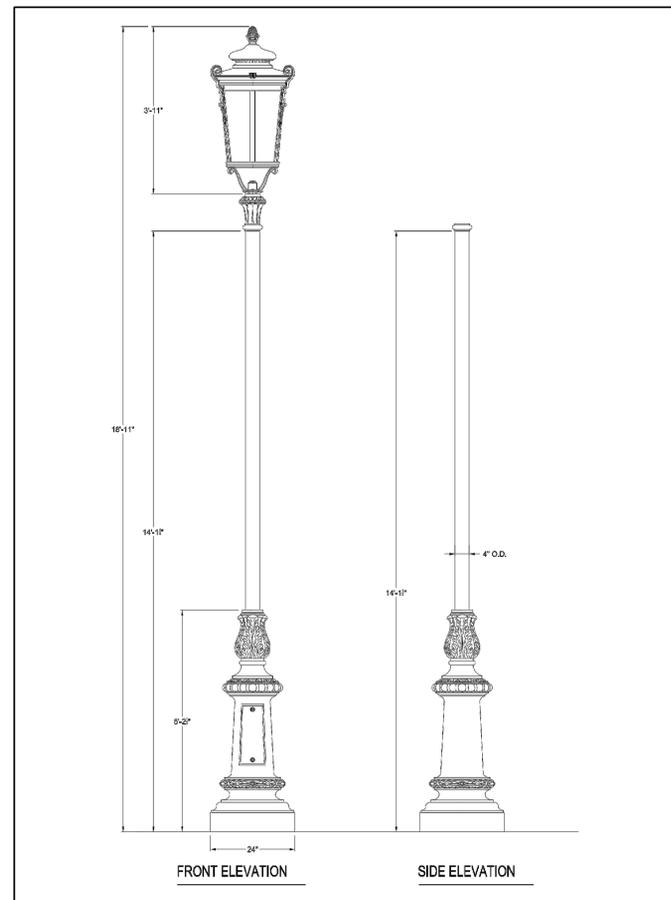
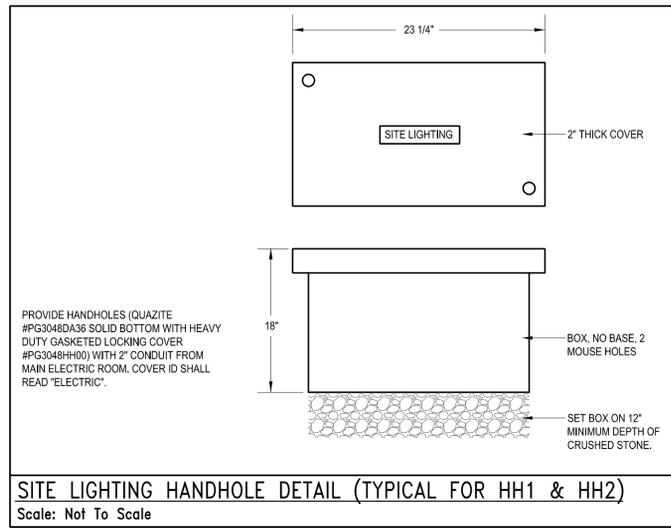
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SITE PLAN

E0.1



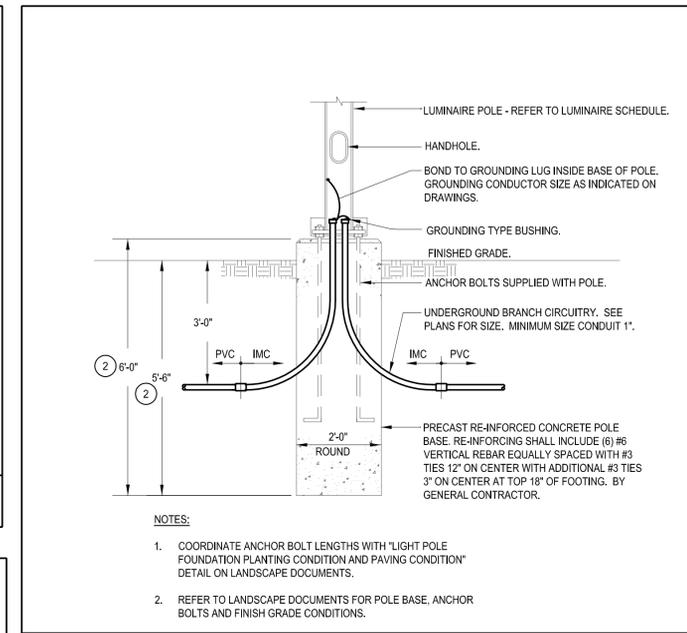
FLAGPOLE LUMINAIRE DETAIL

Scale: Not To Scale



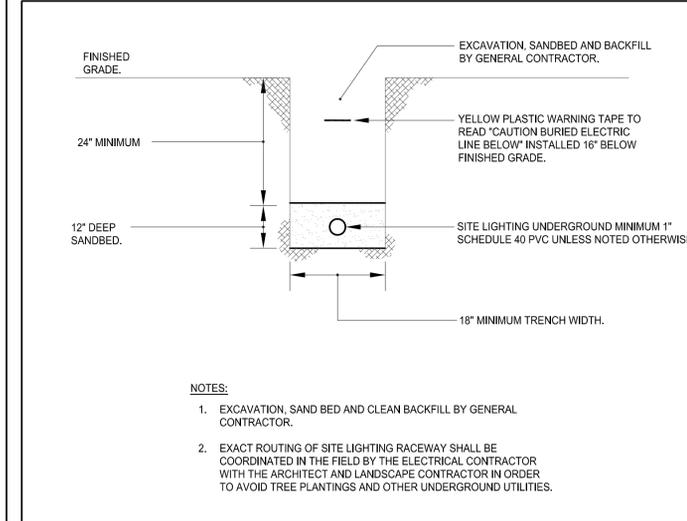
SINGLE LUMINAIRE PARK POLE (PT-2)

Scale: Not To Scale



PRECAST POLE BASE DETAIL

Scale: Not To Scale



SITE LIGHTING DUCTBANK SECTION DETAIL

Scale: Not To Scale



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PROJECT NO: 13-2593
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 SCALE: NONE

SUBMISSION:
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APRIL 12, 2016
SCHEDULES AND DETAILS

E0.2

PLUMBING SPECIFICATIONS

- I. GENERAL
- A. FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM AS SHOWN ON THE DRAWING. THIS CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND TRANSPORTATION REQUIRED AND ALL ITEMS INCIDENTAL THERETO, INCLUDING TESTING.
 - B. ALL REFERENCES TO EXISTING PIPING, RISERS OR FIXTURES HAS BEEN DERIVED FROM AVAILABLE EXISTING DRAWINGS AND LIMITED FIELD SURVEY. ACTUAL SIZES AND LOCATIONS SHALL BE FIELD VERIFIED BY THE SUBCONTRACTOR. OBTAIN COPIES OF EXISTING DRAWINGS FROM THE OWNER, AS REQUIRED.
 - C. THE SUBCONTRACTOR SHALL FILE AND PAY FOR ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES AND ALL ADDITIONAL FEES REQUIRED TO PERFORM THIS WORK.
 - D. ALL WORK IS SHOWN DIAGRAMMATICALLY AND IS NOT INTENDED TO SHOW THE EXACT LAYOUT. EXACT LOCATION OF SYSTEM COMPONENTS SHALL BE DETERMINED IN THE FIELD AND BY ACTUAL BUILDING CONDITIONS.
 - E. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL MATERIAL AND EQUIPMENT SPECIFIED HEREIN AND AS OTHERWISE REQUIRED TO COMPLETE THIS WORK.
 - F. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLUMBING CODE AND SHALL CONFORM TO THE REQUIREMENTS OF THE ORIGINAL BASE BUILDING SPECIFICATIONS AND CONSTRUCTION CRITERIA, AND THE OWNER'S TENANT CRITERIA.

II. MATERIALS

- A. PIPE AND FITTINGS:
1. SERVICE: ABOVE GROUND COLD WATER.
PIPE MATERIAL: COPPER TUBING TYPE "L", HARD TEMPER; EXCEPT EXPOSED AT FIXTURES SHALL BE CPCB.
FITTING MATERIAL: WROUGHT COPPER OR CAST BRONZE SOLDER JOINT. PRESSURE FITTINGS.
PIPE JOINTS: JOINTS SHALL BE SOLDERED USING 95/5 LEAD FREE SOLDER.
 2. SERVICE: BELOW GROUND WATER (3 INCH AND SMALLER).
PIPE MATERIAL: TYPE K COPPER TUBING, SOFT TEMPER, WITH BITUMINOUS COATING. ASTM B42, SEAMLESS.
FITTING MATERIAL: JOINTLESS WHERE POSSIBLE OTHERWISE, BRAZED.

B. VALVES:

1. THE ENTIRE PLUMBING INSTALLATION SHALL BE PROVIDED WITH VALVES LOCATED TO PERMIT EASY OPERATION, REPLACEMENT AND REPAIR. VALVES SHALL BE PROVIDED WHERE REQUIRED BY CODE AND AS SHOWN ON THE DRAWINGS.
2. BALL VALVES SHALL BE WATTS LFB-6080/LFB-6081-SS FOR 2-1/2 INCH AND SMALLER, TWO-PIECE, FULL-PORT. ENDS TO SUIT.

C. BACKFLOW PREVENTER:

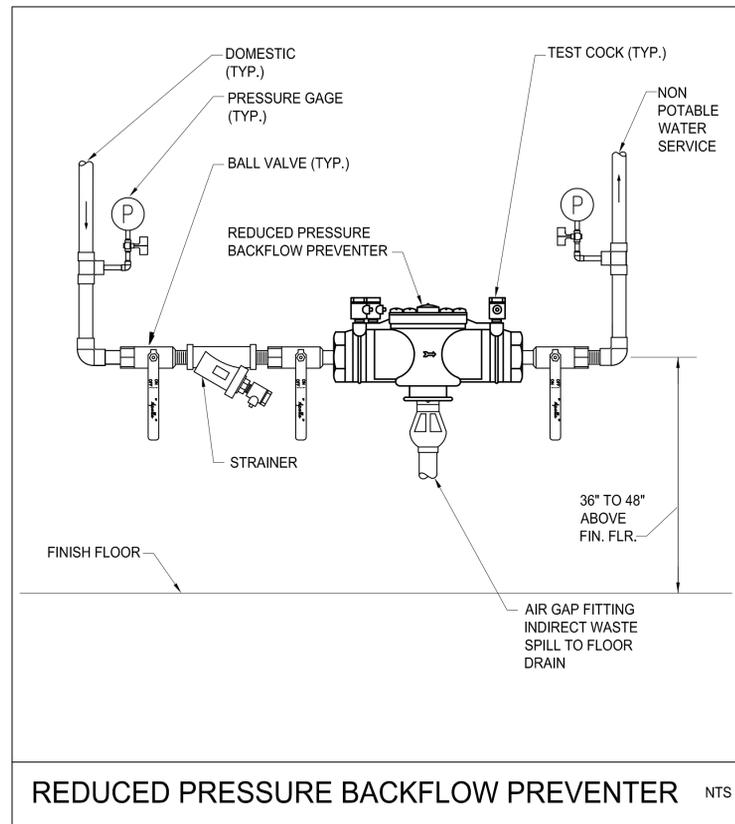
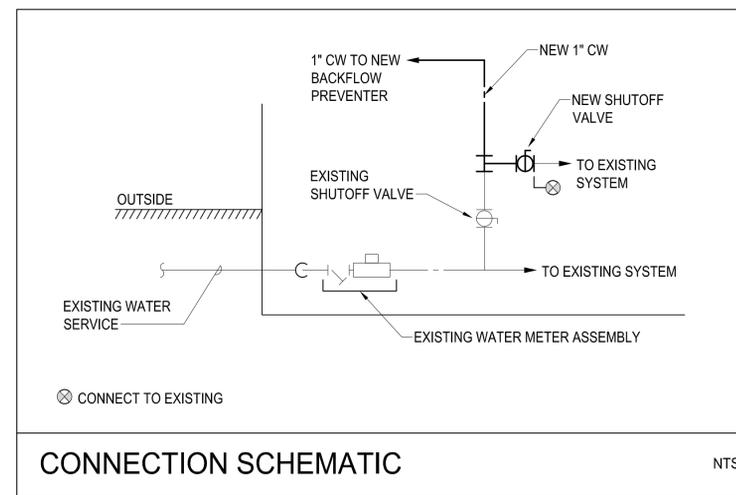
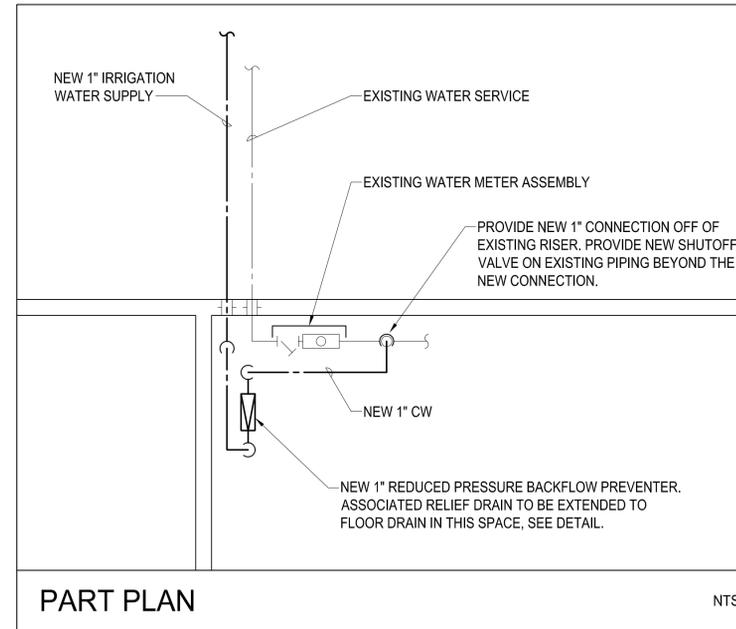
1. REDUCED PRESSURE BACKFLOW PREVENTERS SHALL HAVE BRONZE INLET STRAINER, BRONZE BODY CONSTRUCTION, REMOVABLE BRONZE SEATS, STAINLESS STEEL INTERNAL PARTS, BRONZE-BODIED BALL VALVE TEST COCKS, NON-RISING STEM GATE VALVES WITH UNION OR FLANGED CONNECTIONS BETWEEN THE VALVES AND THE DEVICE ITSELF. SIZE AS INDICATED ON THE DRAWINGS. APPROVED EQUALS MAY BE ACCEPTED WITH PROOF OF STATE APPROVAL.
2. UNITS SHALL BE WATTS, OR APPROVED EQUAL, MODEL #009. UNIT SHALL MEET THE APPROVAL OF THE LOCAL WATER AUTHORITY.
3. UNITS SHALL BE WATTS, CONBRACO, FEBCO OR APPROVED EQUAL, AND BE MASSACHUSETTS STATE BOARD AND USC APPROVED.
4. ALL BACKFLOW PREVENTION DEVICES SHALL BE APPROVED, PERMITTED, INSTALLED, MAINTAINED AND TESTED IN ACCORDANCE WITH THE LOCAL WATER AUTHORITY AND ALL STATE AND LOCAL REQUIREMENTS. A FULL SIZE BRASS DISCHARGE LINE SHALL BE EXTENDED TO THE NEAREST FLOOR DRAIN.
5. PRIOR TO INSTALLATION, SUBMIT A DESIGN DATA SHEET, WITH PLANS SHOWING THE METHOD OF PROTECTING THE WATER SYSTEM, AND SECURE APPROVAL FROM THE (CROSS CONNECTION CONTROL DIVISION OF THE) LOCAL WATER AUTHORITY, OR ITS DESIGNEE. THIS SHALL NOT BE DONE UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED.
6. IMMEDIATELY UPON INSTALLATION, THE PLUMBING SUBCONTRACTOR SHALL HAVE THE BACKFLOW PREVENTER TESTED BY A "CERTIFIED BACKFLOW PREVENTION DEVICE TESTER", AND THE RESULTS RECORDED ON THE WATER AUTHORITY'S FORMS. WITHIN 14 DAYS AFTER THE INSTALLATION, THE PLUMBING SUBCONTRACTOR SHALL NOTIFY, THE REVIEWING AUTHORITY TO ARRANGE INSPECTION OF THE INSTALLATION. SUBMIT COPIES OF ALL PAPERWORK TO THE WATER AUTHORITY AND THE ENGINEER, THROUGH THE ARCHITECT.

7. THE APPROVED TESTER SHALL PERFORM THE TESTING UTILIZING (HIS OWN) PROPERLY MAINTAINED AND CALIBRATED COMPATIBLE TEST KIT.
8. THREE COPIES OF EACH APPLICATION AND ALL SUBSEQUENT CORRESPONDENCE, INCLUDING THE FINAL PERMIT, SHALL BE FORWARDED TO THE ARCHITECT FOR RECORD. AVAILABILITY OF FINAL APPROVALS OR PERMITS SHALL BE PREREQUISITE TO SCHEDULING A FINAL INSPECTION OF THE PLUMBING WORK.

III. EXECUTION

- A. ALL WORK PERFORMED UNDER THIS SECTION SHALL BE GUARANTEED IN WRITING AGAINST DEFECTS IN MATERIALS, EQUIPMENT, WORKMANSHIP AND INSTALLATION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. ALL DEFECTIVE WORK AND EQUIPMENT SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
- B. THE INSTALLATION SHALL PERMIT ACCESSIBILITY TO ALL VALVES AND EQUIPMENT AS REQUIRED FOR SERVICE AND REPLACEMENT.
- C. ALL WORK UNDER THIS SECTION SHALL BE FULLY COORDINATED WITH THE WORK OF ALL OTHER TRADES AND WITH THE BUILDING CONSTRUCTION. NO ADDITIONAL CHARGES WILL BE ALLOWED DUE TO LACK OF COORDINATION.
- D. ALL EQUIPMENT SHALL BE PROPERLY AND PERMANENTLY LABELED. PIPING SHALL BE LABELED AT 20 FOOT INTERVALS AS TO CONTENT AND DIRECTION OF FLOW, I.A.W. ANSI STANDARDS.
- E. ALL FIXTURES, EQUIPMENT AND PIPING SYSTEMS SHALL BE TESTED AND SHOWN TO OPERATE PROPERLY. NO ITEMS SHALL BE INSULATED OR CONCEALED PRIOR TO TESTING AND APPROVAL. TEST WATER PIPING TO 150 PSIG, AND SOIL, WASTE AND VENT TO A HEAD OF 15 FEET IN ACCORDANCE WITH THE CODE, AND SATISFACTORY TO THE PERTINENT INSPECTORS AND THE OWNER'S REPRESENTATIVE.
- F. ALL ITEMS, FIXTURES, PIPING AND ACCESSORIES SHALL BE THOROUGHLY CLEANED AND ADJUSTED PRIOR TO ACCEPTANCE.
- G. ALL NEW AND EFFECTED EXISTING WATER PIPING SYSTEMS SHALL BE STERILIZED, IF REQUIRED, BY THE INSPECTOR, IN ACCORDANCE WITH THE CODE. IN ANY EVENT, PROPER FLUSHING AND CLEANING SHALL BE DONE.
- H. DOMESTIC COLD PIPE, FITTINGS AND VALVES SHALL BE INSULATED WITH HEAVY DENSITY RIGID FIBERGLASS WITH A VAPOR BARRIER AND ALL PURPOSE JACKET WITH SELF-SEALING LAP JOINT, AND IN ACCORDANCE WITH THE ENERGY CODE.
- I. INSULATION THICKNESS SHALL BE AS FOLLOWS:
COLD WATER = 1/2 INCH
- J. HORIZONTAL PIPE HANGERS OUTSIDE OF INSULATION WITH PROTECTION SHIELDS.
- K. PROVIDE SLEEVES FOR EXTERIOR PIPE PENETRATIONS. SLEEVES TO HAVE CLEARANCE TO ALLOW INSTALLATION OF LINK SEAL TO PROVIDE WATER TIGHT PENETRATION. SLEEVE TO BE STANDARD WEIGHT STEEL, 18 GAUGE GALVANIZED.
- L. THE PLUMBING SUBCONTRACTOR SHALL WORK WITH THE BUILDING OWNER IN MAINTAINING INTEGRITY OF ALL PLUMBING SYSTEMS IN ALL AREAS OF WORK, AS WELL AS FLOORS NOT UNDER RENOVATION. COORDINATE AND MINIMIZE ANY AND ALL SHUTDOWNS OF THE PLUMBING SYSTEM AS FOLLOWS:
 1. GIVE PROPER NOTICE TO BUILDING MANAGER AND PROPER NOTICE TO ALL OTHER AUTHORITIES HAVING JURISDICTION WHEN MAKING SHUTDOWNS AND PAY ALL FEES REQUIRED.
 2. PERFORM ALL DUTIES REQUIRED BY OWNER WHEN MAKING A SHUTDOWN.
 3. FILL OUT A SHUTDOWN NOTICE FORM ANSWERING ALL ITEMS REQUESTED SUCH AS TIME AND LOCATION OF SHUTDOWN, SYSTEMS AFFECTED, AREAS AFFECTED, ETC., WHEN REQUESTING A SHUTDOWN.
 4. DURATION OF SHUTDOWNS SHALL BE KEPT TO A MINIMUM.
 5. SYSTEM SHALL BE RETURNED TO NORMAL OPERATING CONDITIONS AT END OF EACH WORK DAY.
 6. DO NOT INTERRUPT EXISTING SERVICES WITHOUT OWNER'S APPROVAL AND NOTIFICATION OF ALL AUTHORITIES HAVING JURISDICTION.
 7. SCHEDULE INTERRUPTIONS IN ADVANCE, ACCORDING TO OWNER'S INSTRUCTIONS. SUBMIT, REQUEST FOR INTERRUPTION WITH METHODS PROPOSED TO MINIMIZE LENGTH OF INTERRUPTION, IN WRITING.
 8. WATER SHUTDOWNS: ANY PROPOSED WATER SHUTDOWNS SHALL BE SUBMITTED ON A WORK PLAN. IN ADDITION, THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SHUTDOWN WITH THE BUILDING MANAGER A MINIMUM OF FIVE WORKING DAYS IN ADVANCE OF THE PROPOSED SHUTDOWN.

DRAWING LIST		
DWG. No.	DRAWING NAME:	SHEET No.
P0.0	PLUMBING SPECIFICATIONS AND DETAILS	1 of 2
P0.1	PLUMBING SITE PLAN	2 of 2



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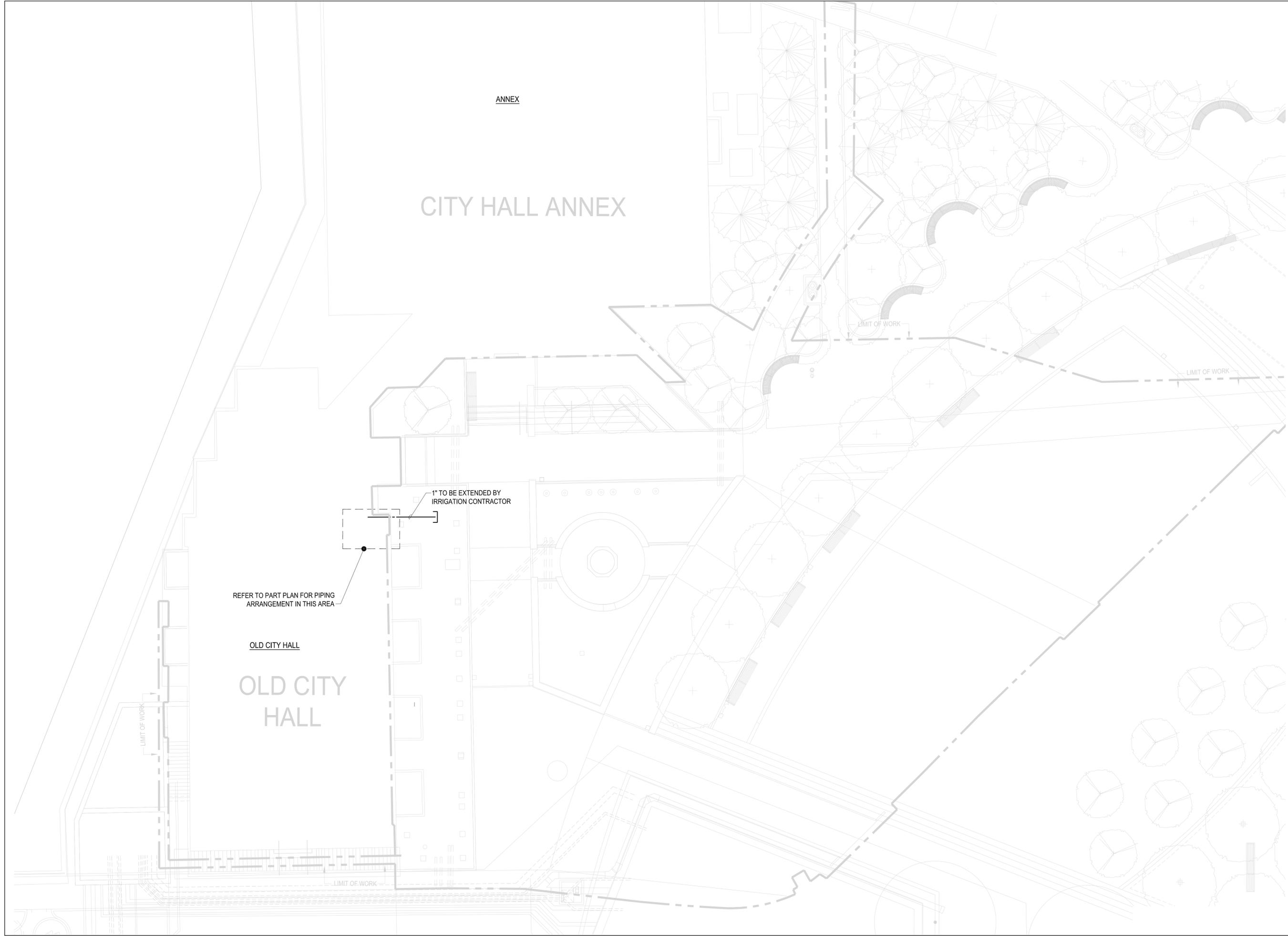
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SCALE: NONE

SUBMISSION:
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APRIL 12, 2016
PLUMBING SPECIFICATIONS AND DETAILS

P0.0



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APRIL 12, 2016
PLUMBING SITE PLAN

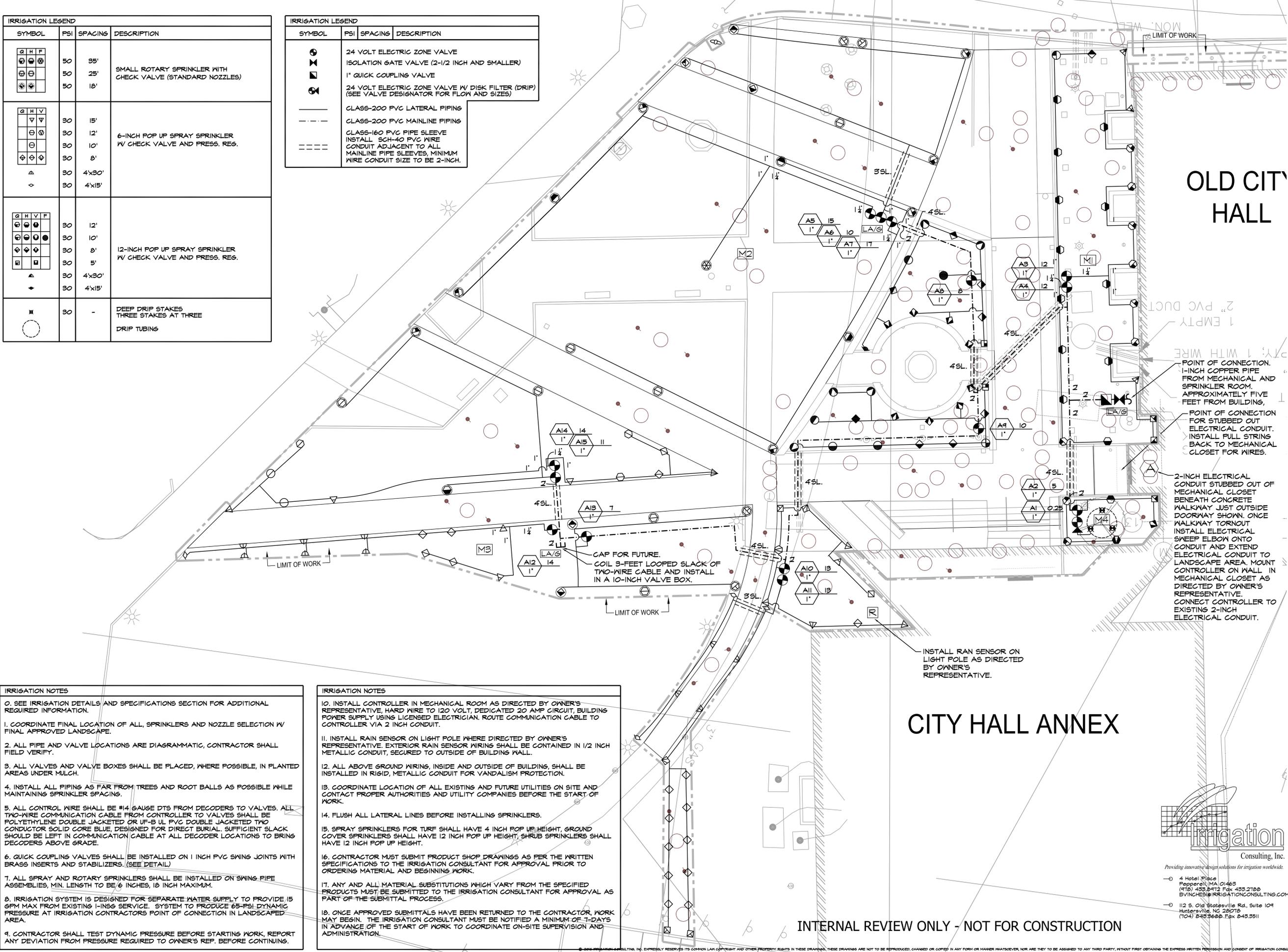
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IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
	50	35'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	50	25'	
	50	18'	
	30	15'	6-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	4x30'	
	30	12'	12-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	10'	
	30	8'	
	30	4x30'	
	30	4x15'	
	30	-	DEEP DRIP STAKES THREE STAKES AT THREE DRIP TUBING

IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
			24 VOLT ELECTRIC ZONE VALVE
			ISOLATION GATE VALVE (2-1/2 INCH AND SMALLER)
			1" QUICK COUPLING VALVE
			24 VOLT ELECTRIC ZONE VALVE W/ DISK FILTER (DRIP) (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
			CLASS-200 PVC LATERAL PIPING
			CLASS-200 PVC MAINLINE PIPING
			CLASS-160 PVC PIPE SLEEVE
			INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES, MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH.

- IRRIGATION NOTES**
- SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION FOR ADDITIONAL REQUIRED INFORMATION.
 - COORDINATE FINAL LOCATION OF ALL SPRINKLERS AND NOZZLE SELECTION W/ FINAL APPROVED LANDSCAPE.
 - ALL PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC, CONTRACTOR SHALL FIELD VERIFY.
 - ALL VALVES AND VALVE BOXES SHALL BE PLACED, WHERE POSSIBLE, IN PLANTED AREAS UNDER MULCH.
 - INSTALL ALL PIPING AS FAR FROM TREES AND ROOT BALLS AS POSSIBLE WHILE MAINTAINING SPRINKLER SPACING.
 - ALL CONTROL WIRE SHALL BE #14 GAUGE DTS FROM DECODERS TO VALVES. ALL TWO-WIRE COMMUNICATION CABLE FROM CONTROLLER TO VALVES SHALL BE POLYETHYLENE DOUBLE JACKETED OR UF-B UL PVC DOUBLE JACKETED TWO CONDUCTOR SOLID CORE BLUE, DESIGNED FOR DIRECT BURIAL. SUFFICIENT SLACK SHOULD BE LEFT IN COMMUNICATION CABLE AT ALL DECODER LOCATIONS TO BRING DECODERS ABOVE GRADE.
 - QUICK COUPLING VALVES SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
 - ALL SPRAY AND ROTARY SPRINKLERS SHALL BE INSTALLED ON SWING PIPE ASSEMBLIES, MIN. LENGTH TO BE 6 INCHES, 18 INCH MAXIMUM.
 - IRRIGATION SYSTEM IS DESIGNED FOR SEPARATE WATER SUPPLY TO PROVIDE 15 GPM MAX FROM EXISTING 1-INCH SERVICE. SYSTEM TO PRODUCE 65-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTORS POINT OF CONNECTION IN LANDSCAPED AREA.
 - CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK, REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REP. BEFORE CONTINUING.

- IRRIGATION NOTES**
- INSTALL CONTROLLER IN MECHANICAL ROOM AS DIRECTED BY OWNER'S REPRESENTATIVE, HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, BUILDING POWER SUPPLY USING LICENSED ELECTRICIAN. ROUTE COMMUNICATION CABLE TO CONTROLLER VIA 2 INCH CONDUIT.
 - INSTALL RAIN SENSOR ON LIGHT POLE WHERE DIRECTED BY OWNER'S REPRESENTATIVE. EXTERIOR RAIN SENSOR WIRING SHALL BE CONTAINED IN 1/2 INCH METALLIC CONDUIT, SECURED TO OUTSIDE OF BUILDING WALL.
 - ALL ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING SHALL BE INSTALLED IN RIGID, METALLIC CONDUIT FOR VANDALISM PROTECTION.
 - COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
 - FLUSH ALL LATERAL LINES BEFORE INSTALLING SPRINKLERS.
 - SPRAY SPRINKLERS FOR TURF SHALL HAVE 4 INCH POP UP HEIGHT, GROUND COVER SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT, SHRUB SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT.
 - CONTRACTOR MUST SUBMIT PRODUCT SHOP DRAWINGS AS PER THE WRITTEN SPECIFICATIONS TO THE IRRIGATION CONSULTANT FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
 - ANY AND ALL MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE IRRIGATION CONSULTANT FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
 - ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE IRRIGATION CONSULTANT MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.



OLD CITY HALL

CITY HALL ANNEX



CITY OF QUINCY
THOMAS P. KOCH, MAYOR

HALVORSON DESIGN PARTNERSHIP
LANDSCAPE ARCHITECTURE

ADAMS HANCOCK GREEN
PHASE 1
QUINCY, MA
HONORABLE THOMAS P. KOCH, MAYOR

REVISIONS	DATE	DESCRIPTION



PREPARED BY: GD

PROJECT NO:
DRAWN BY: GD
CHECKED BY: SG
SCALE: 1" = 10'-0"

SUBMISSION:
100% CONSTRUCTION DOCUMENTS

APRIL 12, 2016

IRRIGATION PLAN

I1.0

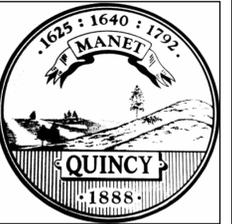
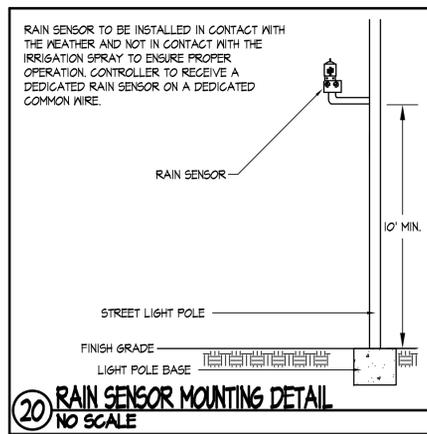
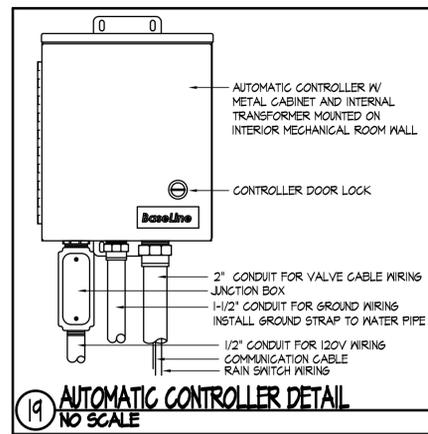
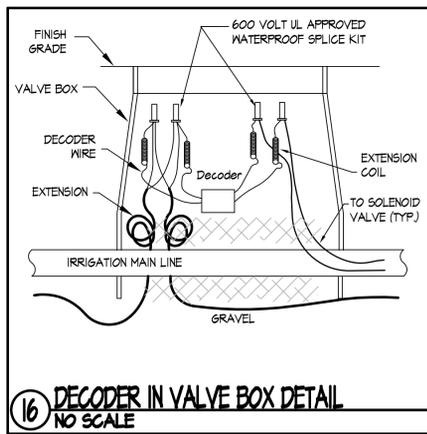
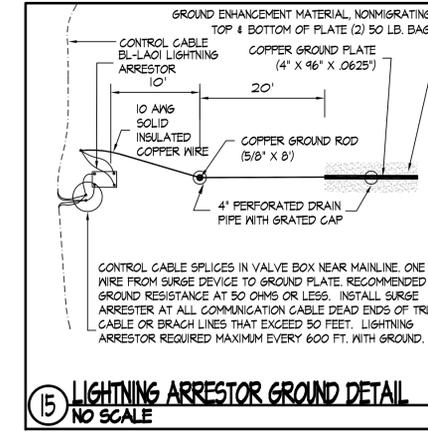
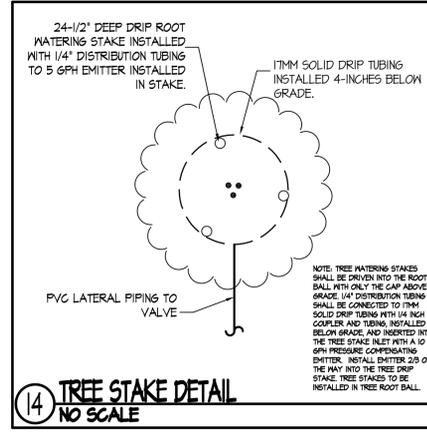
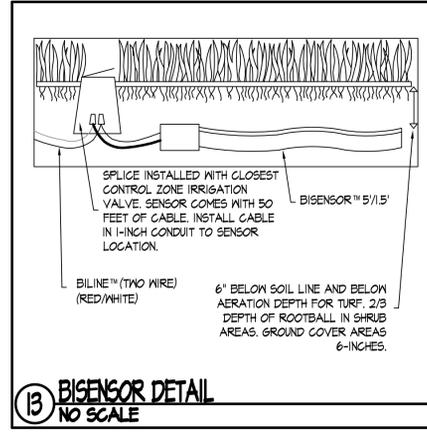
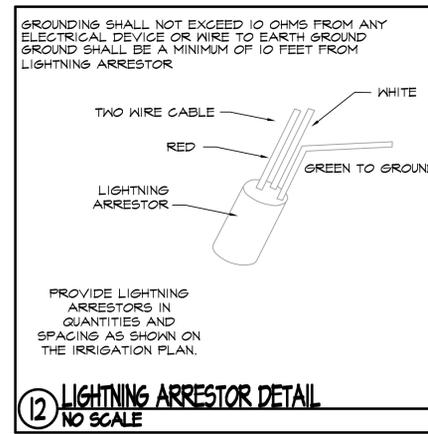
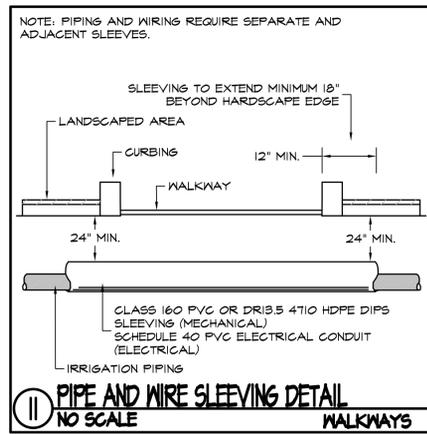
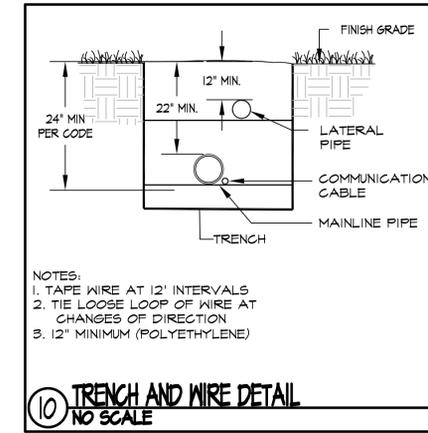
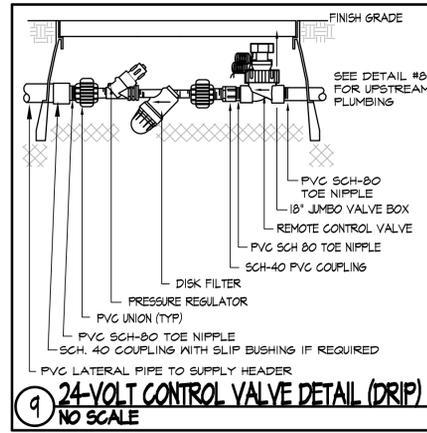
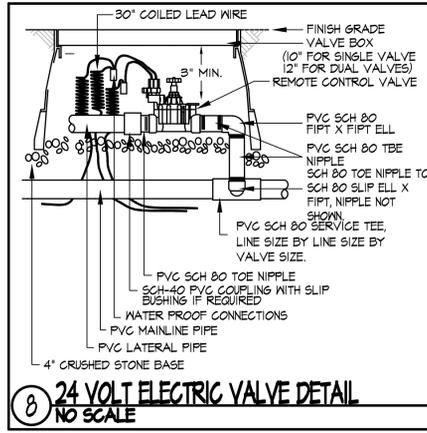
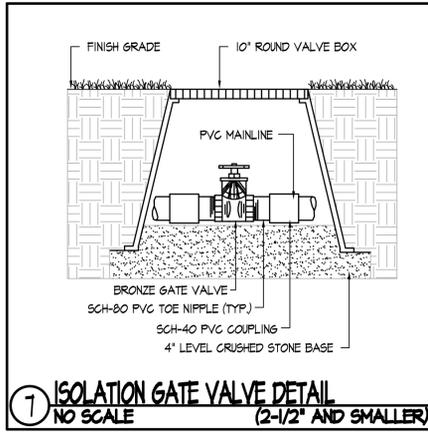
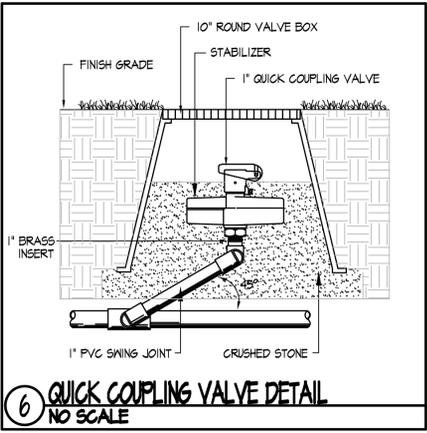
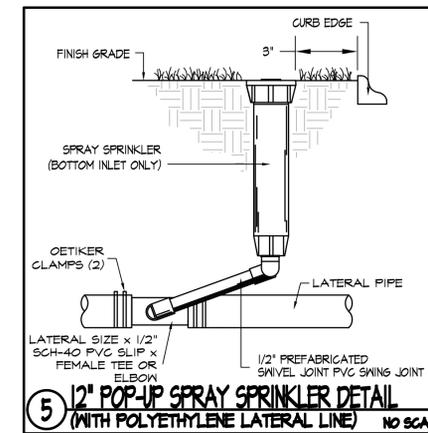
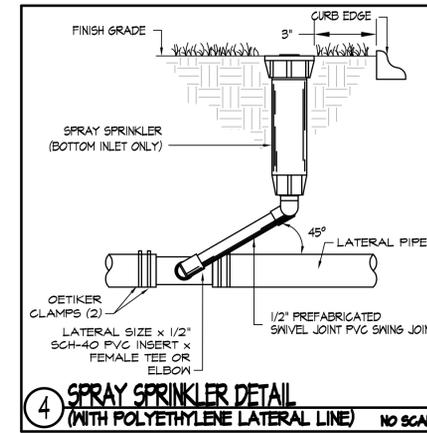
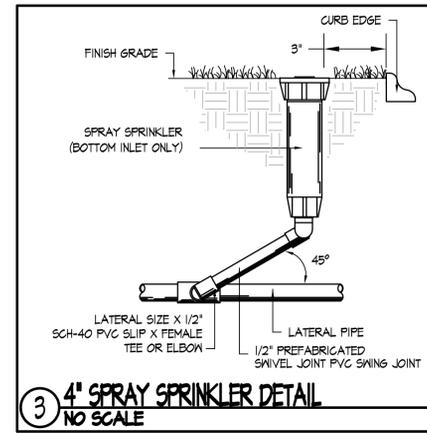
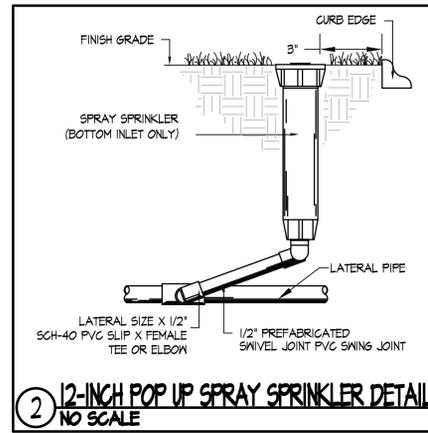
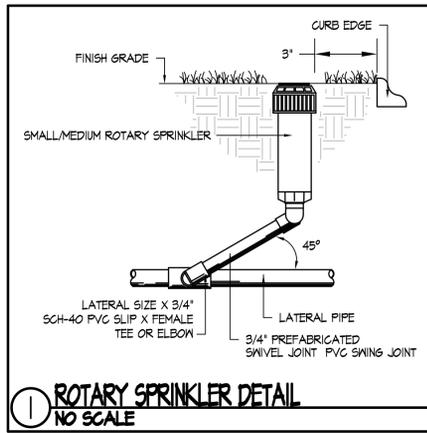
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CITY OF QUINCY
THOMAS P. KOCH, MAYOR

HALVORSON DESIGN PARTNERSHIP
LANDSCAPE ARCHITECTURE

ADAMS HANCOCK GREEN
PHASE 1
QUINCY, MA
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REVISIONS
DATE DESCRIPTION

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PREPARED BY: GD

PROJECT NO:
DRAWN BY: GD
CHECKED BY: SG
SCALE: N.T.S.

SUBMISSION:
100% CONSTRUCTION DOCUMENTS

APRIL 12, 2016

IRRIGATION DETAILS

12.0



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