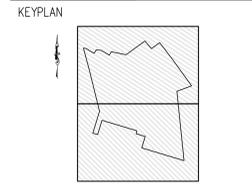
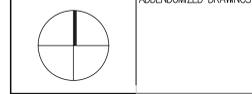


BEVERLY MIDDLE SCHOOL

CABOT STREET
BEVERLY, MA 01915

KEYNOTE LEGEND: (REFERENCE SHEETS A1.01 & A1.02 FOR WATER REMOTE LIST AND REMEMBERS NOT LISTED)

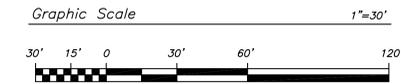
BID PACKAGE #3
FOUNDATIONS,
STEEL,
& SITEWORK



DRAWING NAME:
LANDSCAPE SITE PLAN 1

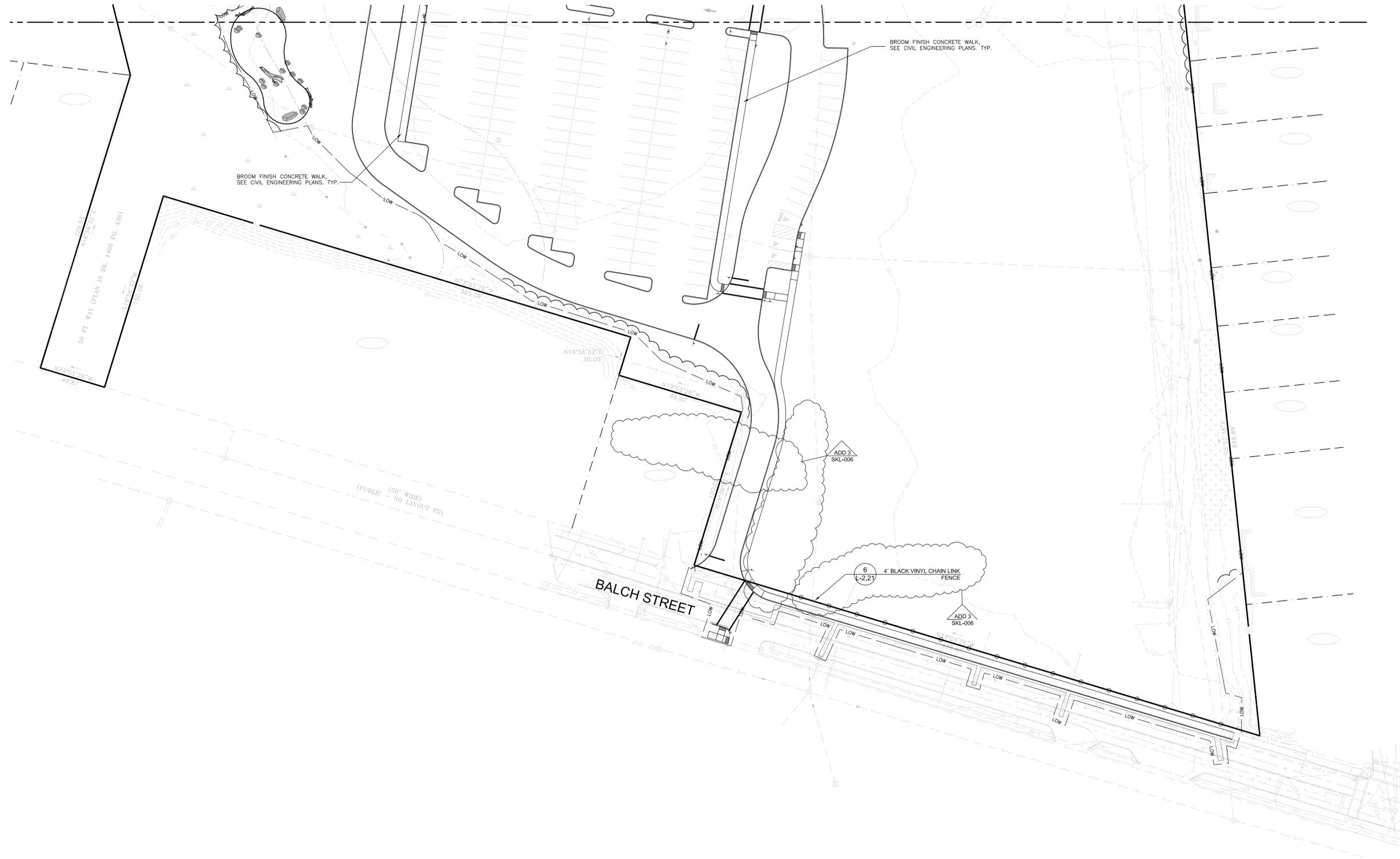
DRAWN BY:
REVIEWED BY:

SCALE: 1"=30' | DRAWING NUMBER:
JOB NO.: 1403.00 | **L1.0**
DATE: April 18, 2014



Matchline Sheet L1.1

Matchline Sheet L1.1



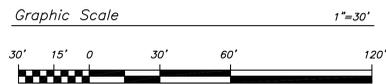
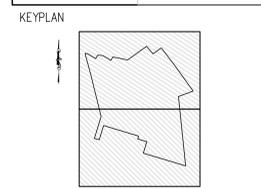
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BEVERLY MIDDLE SCHOOL
 CABOT STREET
 BEVERLY, MA 01915

KEYNOTE LEGEND: INTERFERENCE SHEETS AT 01 & AT 02 FOR
 REMOVE LEG AND ACROSS NOT LISTED

BID PACKAGE #3
 FOUNDATIONS,
 STRUCTURAL
 STEEL,
 & SITEWORK



DRAWING NAME:
LANDSCAPE SITE PLAN 2

DRAWN BY:
 REVIEWED BY:

SCALE: 1"=30' | DRAWING NUMBER:
 JOB NO.: 1403.00 | **L1.1**
 DATE: April 18, 2014

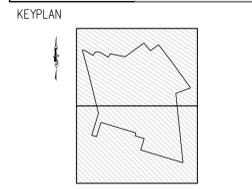
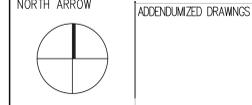
BEVERLY MIDDLE SCHOOL

CABOT STREET
BEVERLY, MA 01915

KEYNOTE LEGEND: WATER KEYNOTE LIST AND KEYNOTES NOT LISTED

BID PACKAGE #3

FOUNDATIONS,
STRUCTURAL
STEEL,
& SITEWORK

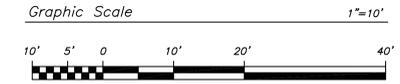
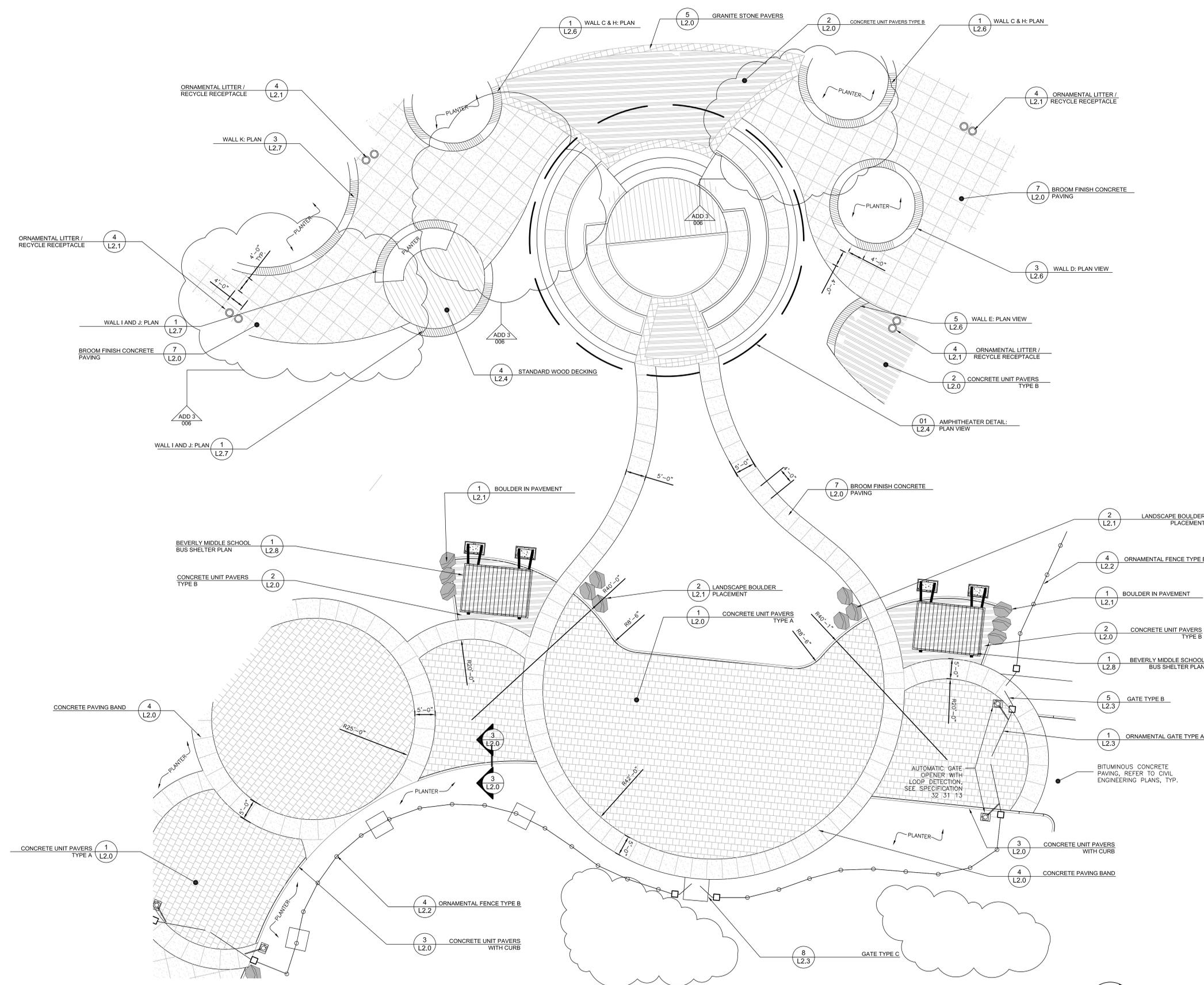


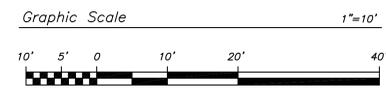
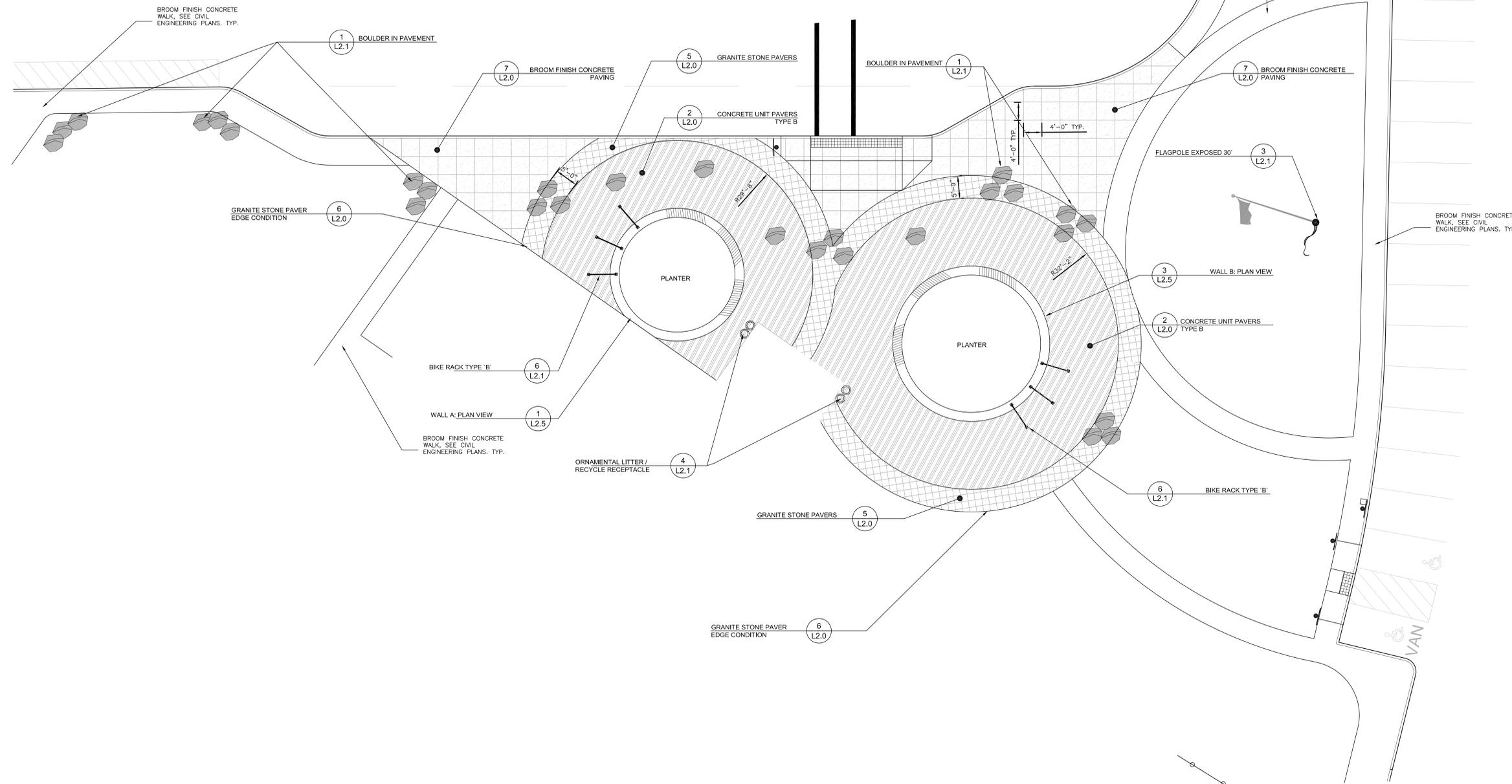
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LANDSCAPE
SITE PLAN
ENLARGEMENT 1

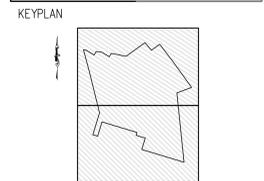
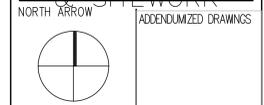
DRAWN BY:
REVIEWED BY:

SCALE: 1"=10' DRAWING NUMBER:
JOB NO.: 1403.00 L1.2
DATE: April 18, 2014





BID PACKAGE #3
FOUNDATIONS,
STRUCTURAL
STEEL,
& SITEWORK

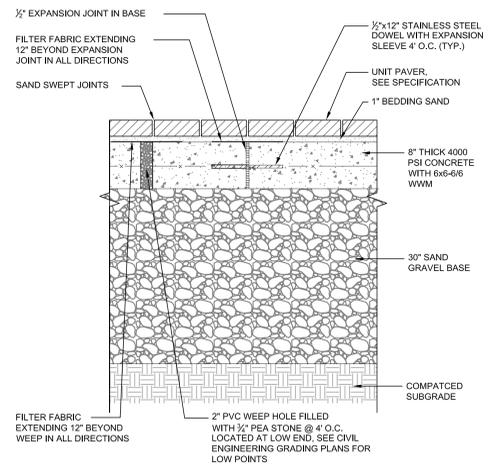


DRAWING NAME:
LANDSCAPE SITE PLAN ENLARGEMENT 2

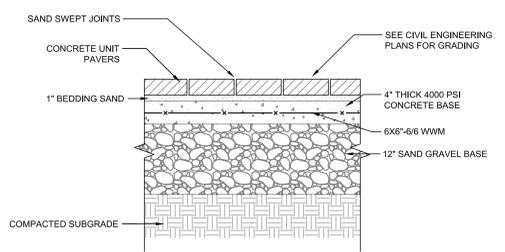
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REVIEWED BY:

SCALE: 1"=10' | DRAWING NUMBER:
JOB NO.: 1403.00 | **L1.3**
DATE: April 18, 2014

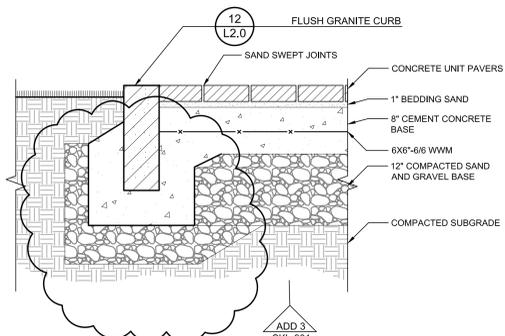
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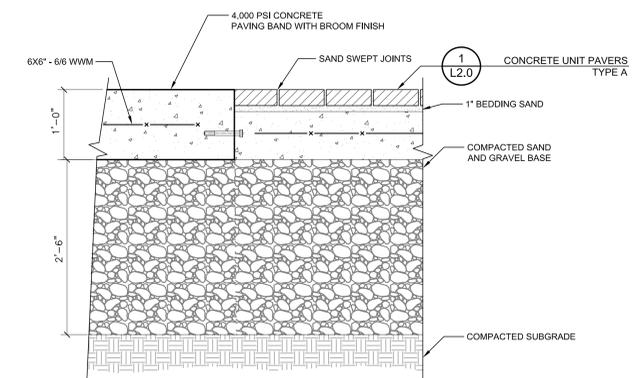
1 CONCRETE UNIT PAVERS TYPE A
1" = 1'-0"
321404-01



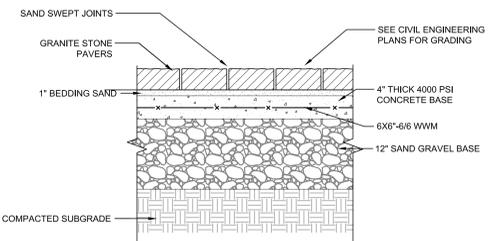
2 CONCRETE UNIT PAVERS TYPE B
1" = 1'-0"
321404-01



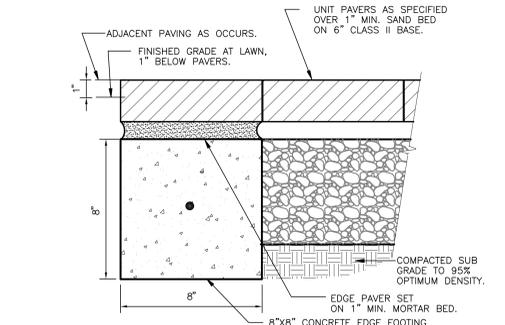
3 CONCRETE UNIT PAVERS WITH CURB
1" = 1'-0"
3202-01



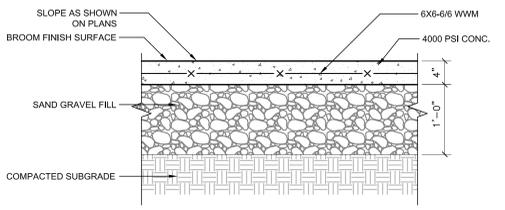
4 CONCRETE PAVING BAND
1" = 1'-0"
321313.02-01



5 GRANITE STONE PAVERS
1" = 1'-0"
P-BE-56



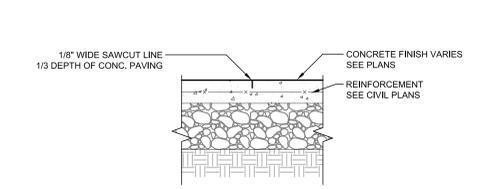
6 GRANITE STONE PAVER EDGE CONDITION
3" = 1'-0"
P-BE-62



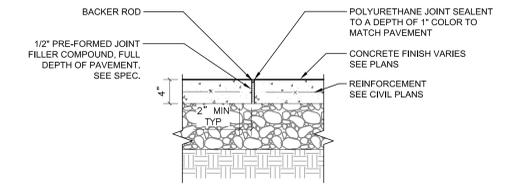
7 BROOM FINISH CONCRETE PAVING
1" = 1"
P-BE-60

NOTE:
1.0 SEE SPECIFICATION 04 43 10 FOR GRANITE STONE PAVERS.
2.0 PAVERS TO BE LAID OUT IN SOLDIER COURSE.

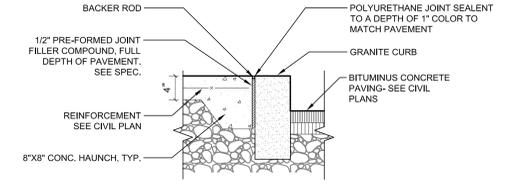
NOTES:
1. JOINTS SHALL BE TOOLED PER DETAILS AND SHALL BE PLACED AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS.
2. EXPANSION JOINTS SHALL BE 20' O.C. UNLESS OTHERWISE NOTED ON THE PLANS.
3. CONTROL JOINTS SHALL BE 5' O.C. UNLESS OTHERWISE NOTED ON THE PLANS.
4. BROOM FINISH SHALL BE PERPENDICULAR TO PEDESTRIAN TRAFFIC FLOW UNLESS OTHERWISE NOTED ON THE PLANS.



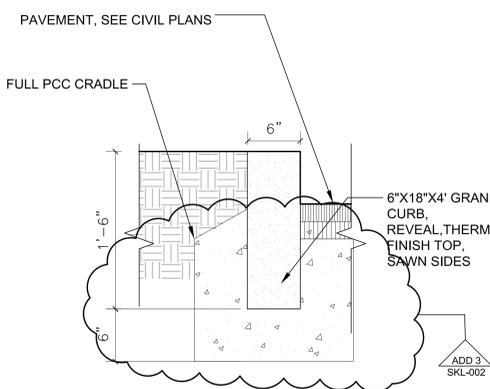
8 SAW-CUT CONTROL JOINT
1" = 1"
P-BE-56



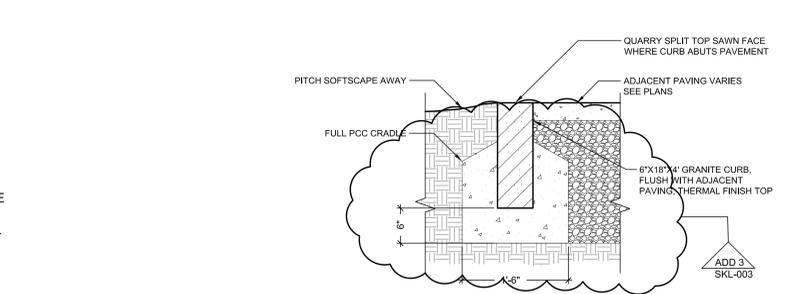
9 EXPANSION JOINT
1" = 1"
P-BE-55



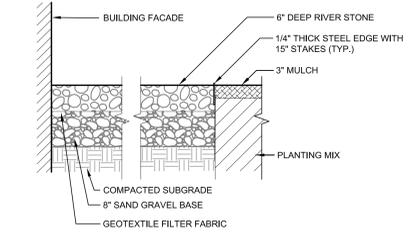
10 EXPANSION JOINT AT CURB
1" = 1"
P-BE-54



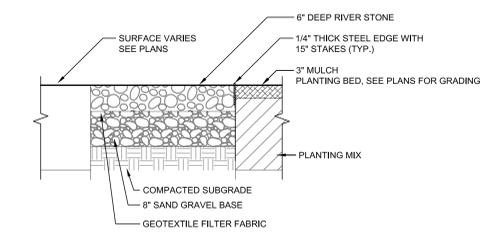
12 REVEALED GRANITE CURB
1 1/2" = 1'-0"
321640-03



13 FLUSH GRANITE CURB
1" = 1"
321640-03

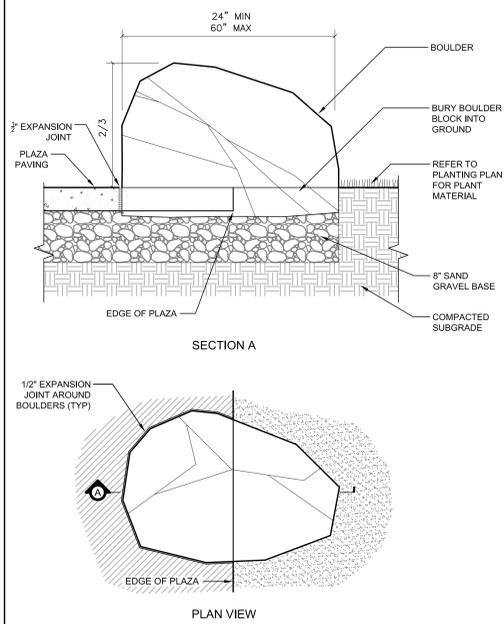


14 RIVER STONES
3/4" = 1'-0"
P-BE-59

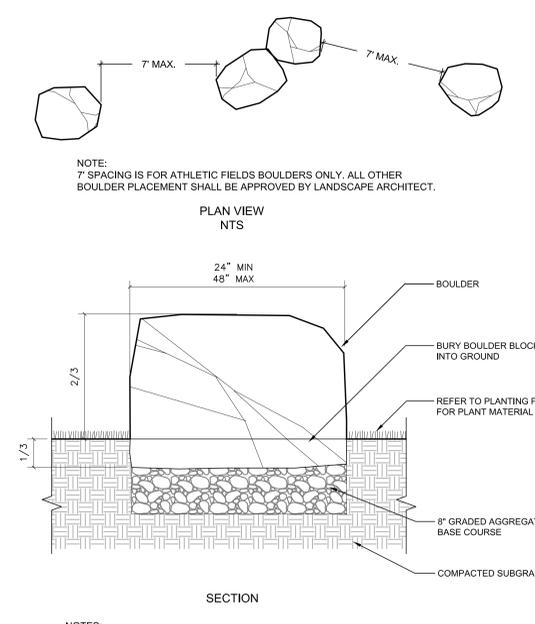


15 RIVER STONES WITH PLANTING
3/4" = 1'-0"
P-BE-59

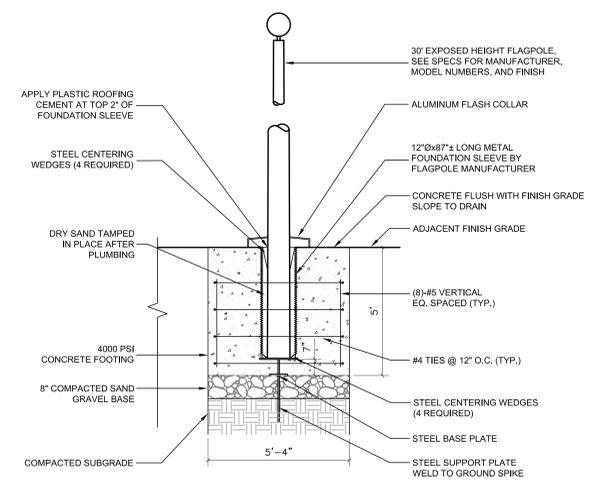
NOTES:
1. SEE SPECIFICATIONS FOR RIVER STONE SHAPE, COLOR, AND SIZE.
2. REFER TO PLANS FOR LOCATIONS OF STEEL EDGING.
3. SEE SPECIFICATIONS FOR GEOTEXTILE, BASE COURSE AND EDGING.



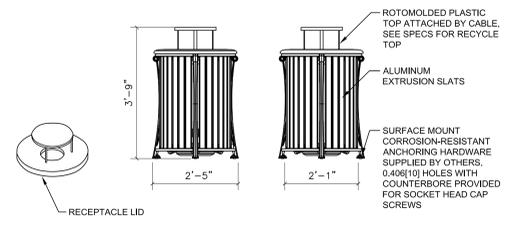
NOTES:
 1. BOULDER LOCATIONS SHALL BE FIELD VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
 2. SEE SPECIFICATIONS FOR BOULDER TYPE, COLOR, ETC.



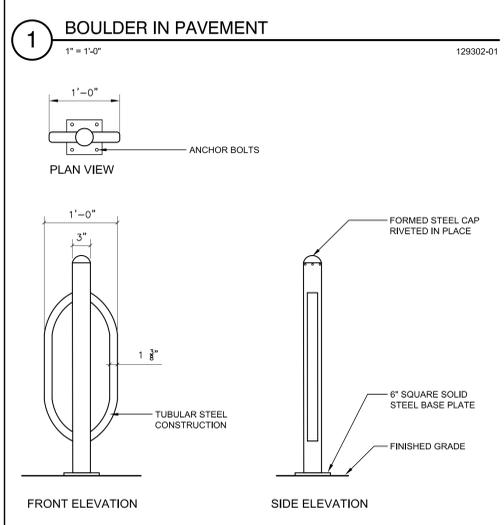
NOTES:
 1. BOULDER LOCATIONS SHALL BE FIELD VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
 2. SEE SPECIFICATIONS FOR BOULDERS AND DECORATIVE BOULDERS.
 3. SEE PLANS FOR LOCATIONS OF DECORATIVE BOULDERS.



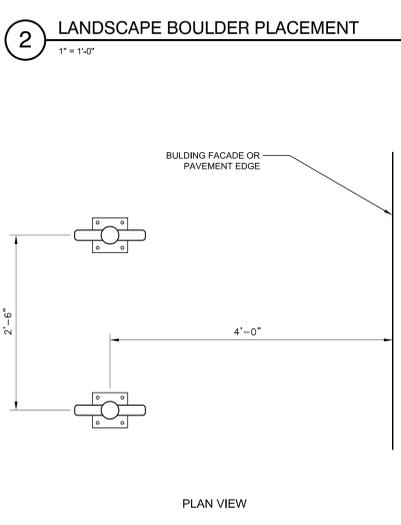
NOTE:
 A 6'x10' OFFICIAL FLAG SHALL BE FLOWN ON A 30' FLAGPOLE.



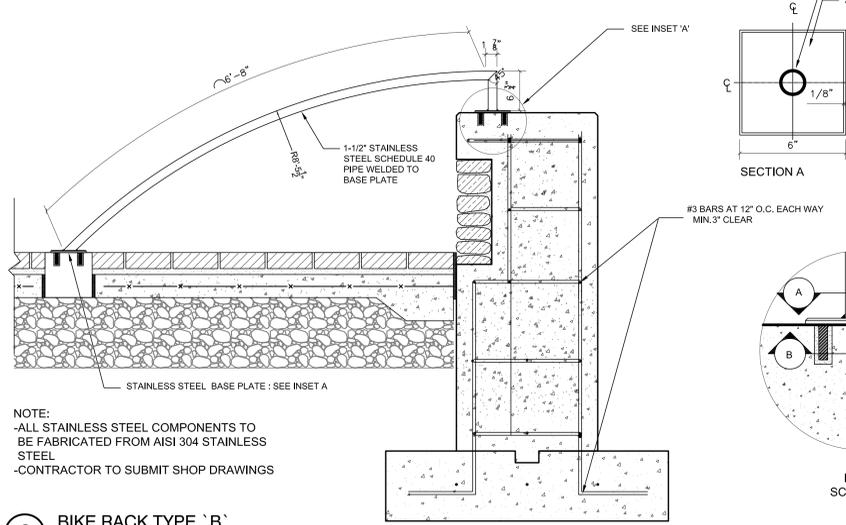
NOTES:
 1. LITTER / RECYCLE RECEPTACLE SHALL BE SURFACE MOUNTED AT LOCATION SHOWN ON PLANS.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH.
 4. SEE SPECIFICATIONS FOR LID AND PLAQUE OPTIONS.



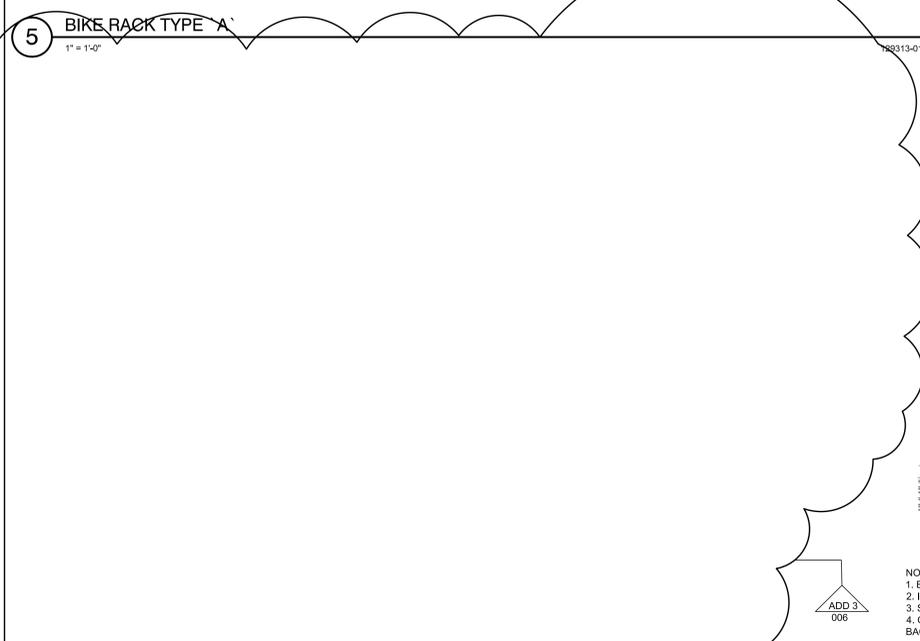
NOTES:
 1. BIKE RACK SHALL BE SURFACE MOUNTED AT LOCATION SHOWN ON PLANS.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH.



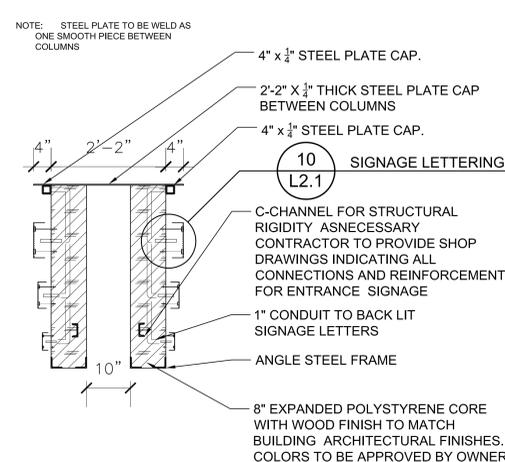
NOTE:
 ALL STAINLESS STEEL COMPONENTS TO BE FABRICATED FROM AISI 304 STAINLESS STEEL
 -CONTRACTOR TO SUBMIT SHOP DRAWINGS



NOTE:
 STEEL PLATE TO BE WELD AS ONE SMOOTH PIECE BETWEEN COLUMNS

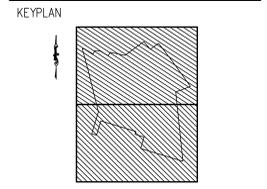


NOTES:
 1. BENCHES SHALL SURFACE MOUNTED AT LOCATION SHOWN ON PLANS.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, AND FINISH.
 4. OFFSET BENCH 6" MIN. FROM BUILDING FACE OR EDGE OF PAVEMENT MEASURED FROM LEADING BACK EDGE OF BENCH OR AS SHOWN ON PLANS.



NOTE:
 CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL CONNECTIONS AND REINFORCEMENT FOR ENTRANCE SIGNAGE

KEYNOTE LEGEND: (REFERENCE SHEETS A1.01 & A1.02 FOR MODER KEYNOTE LEGEND AND REVISIONS NOT LISTED)

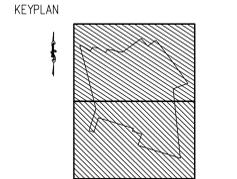




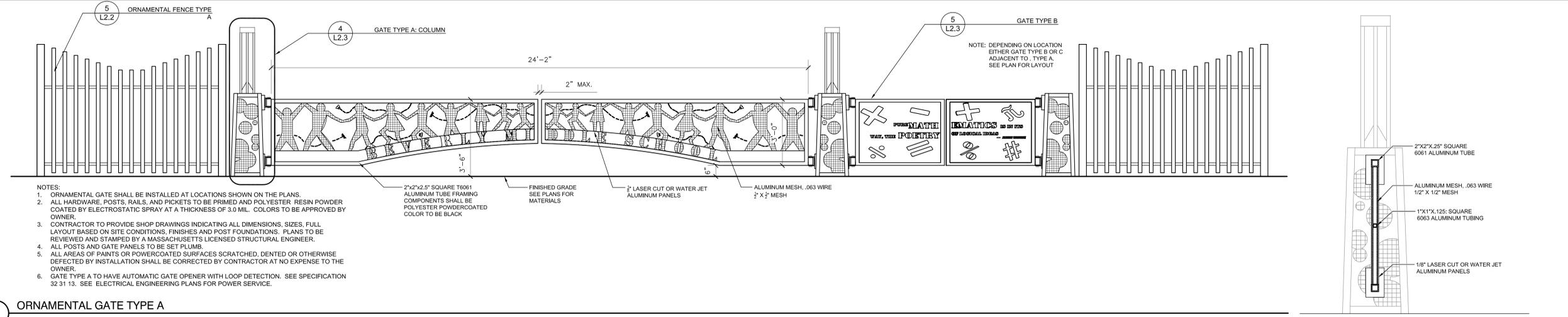
BEVERLY MIDDLE SCHOOL
CABOT STREET
BEVERLY, MA 01915

KEYNOTE LEGEND: WATER KENNEL LEFT AND KENNELS NOT SHOWN

BID PACKAGE #3
FOUNDATIONS, STRUCTURAL & SITEWORK
NORTH ARROW
ADJUDICATED DRAWINGS

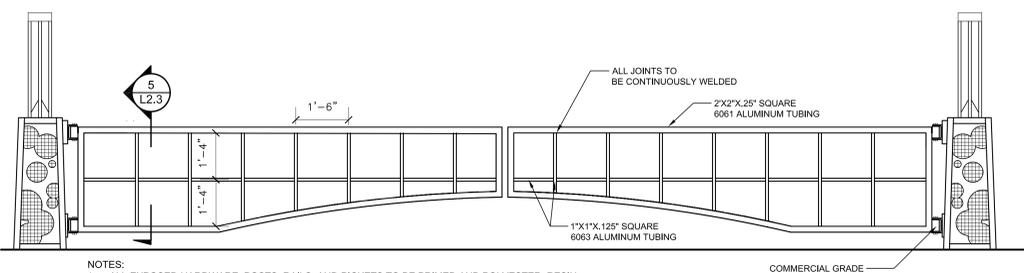


DRAWING NAME:
LANDSCAPE FENCING 2
DRAWN BY:
REVIEWED BY:
SCALE: NTS DRAWING NUMBER:
JOB NO.: 1403.00 **L 2.3**
DATE: April 18, 2016



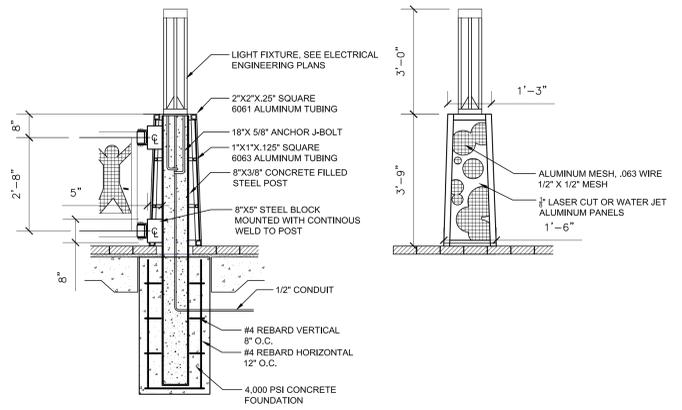
- NOTES:
- ORNAMENTAL GATE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE PLANS.
 - ALL HARDWARE, POSTS, RAILS, AND PICKETS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
 - ALL POSTS AND GATE PANELS TO BE SET PLUMB.
 - ALL AREAS OF PAINTS OR POWERCOATED SURFACES SCRATCHED, DENTED OR OTHERWISE DEFECTED BY INSTALLATION SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.
 - GATE TYPE A TO HAVE AUTOMATIC GATE OPENER WITH LOOP DETECTION. SEE SPECIFICATION 32 31 13. SEE ELECTRICAL ENGINEERING PLANS FOR POWER SERVICE.

1 ORNAMENTAL GATE TYPE A
1/2" = 1'-0"

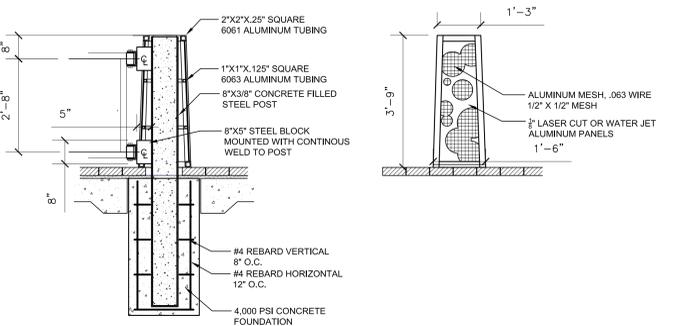


- NOTES:
- ALL EXPOSED HARDWARE, POSTS, RAILS, AND PICKETS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.

3 ORNAMENTAL GATE TYPE A: FRAMING
1/2" = 1'-0"

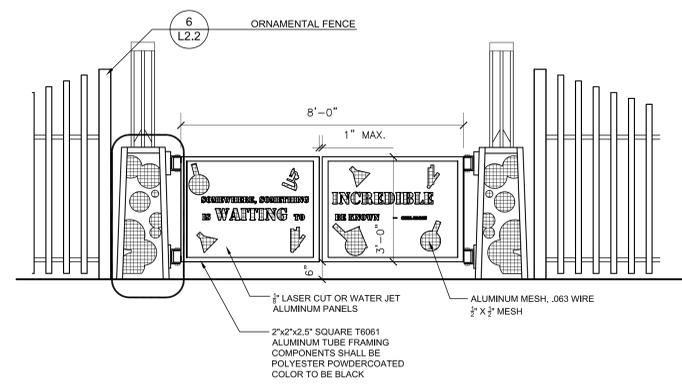


4 GATE TYPE A: COLUMN
1/2" = 1'-0"



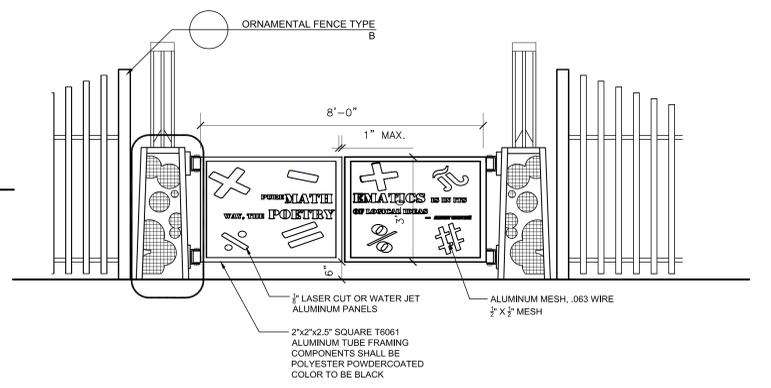
6 GATE TYPE B,C AND D: COLUMN
1/2" = 1'-0"

2 ORNAMENTAL GATE TYPE A: SECTION
1" = 1"



- NOTES:
- ORNAMENTAL GATE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE PLANS.
 - ALL HARDWARE, POSTS, RAILS, AND PICKETS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
 - ALL POSTS AND GATE PANELS TO BE SET PLUMB.
 - ALL AREAS OF PAINTS OR POWERCOATED SURFACES SCRATCHED, DENTED OR OTHERWISE DEFECTED BY INSTALLATION SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.

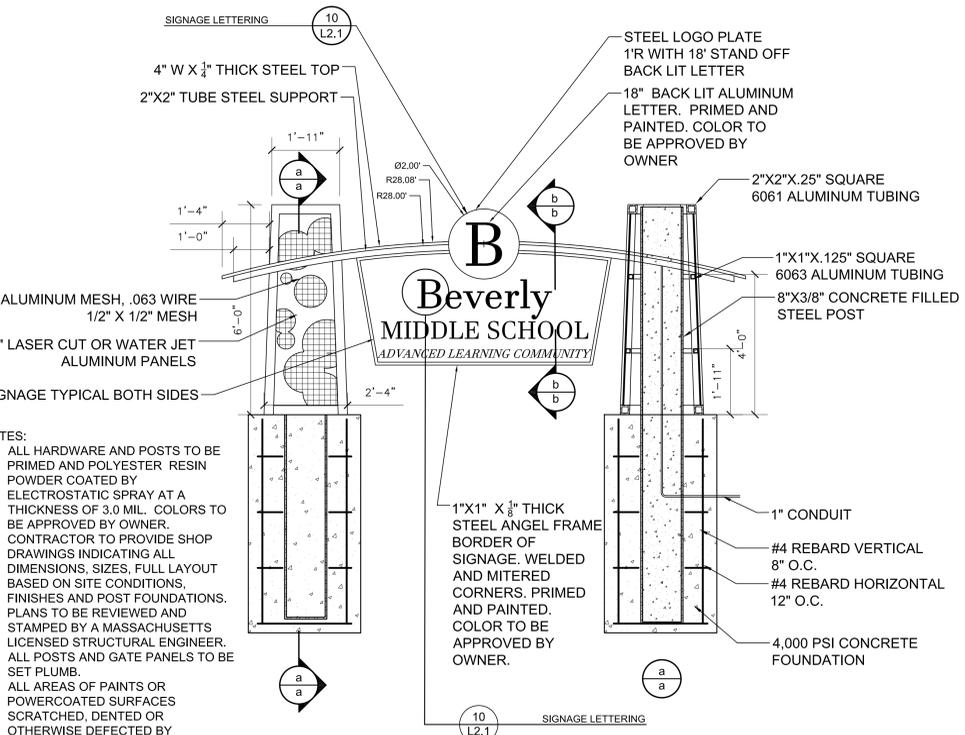
5 GATE TYPE B
1/2" = 1'-0"



- NOTES:
- ORNAMENTAL GATE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE PLANS.
 - ALL HARDWARE, POSTS, RAILS, AND PICKETS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
 - ALL POSTS AND GATE PANELS TO BE SET PLUMB.
 - ALL AREAS OF PAINTS OR POWERCOATED SURFACES SCRATCHED, DENTED OR OTHERWISE DEFECTED BY INSTALLATION SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.

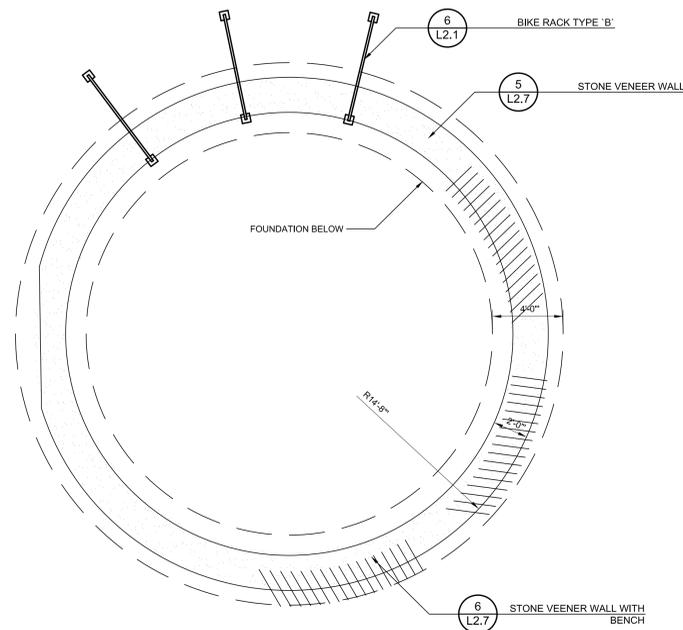
8 GATE TYPE C
1/2" = 1'-0"

7 ORNAMENTAL GATE TYPE B,C AND D: SECTION
1" = 1"

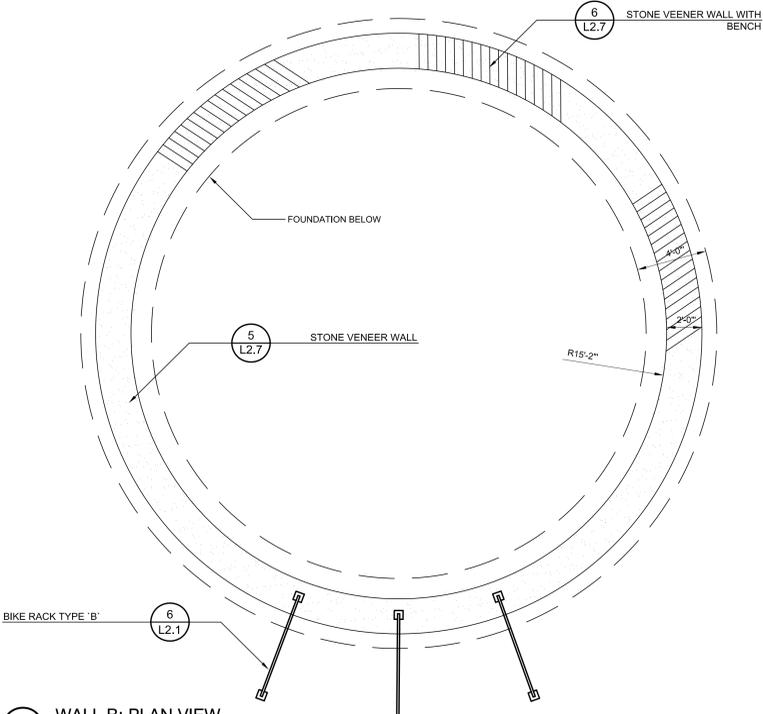


- NOTES:
- ALL HARDWARE AND POSTS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
 - ALL POSTS AND GATE PANELS TO BE SET PLUMB.
 - ALL AREAS OF PAINTS OR POWERCOATED SURFACES SCRATCHED, DENTED OR OTHERWISE DEFECTED BY INSTALLATION SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.

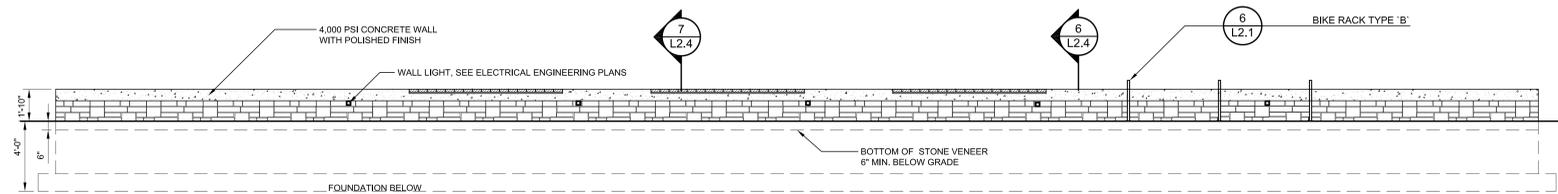
9 ENTRANCE SIGNAGE
1/2" = 1'-0"



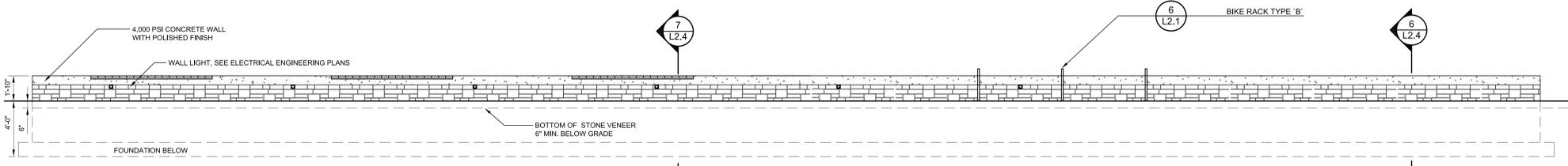
1 WALL A: PLAN VIEW
1/4" = 1'-0"



3 WALL B: PLAN VIEW
1/4" = 1'-0"



2 WALL A ELEVATION
1/4" = 1'-0"



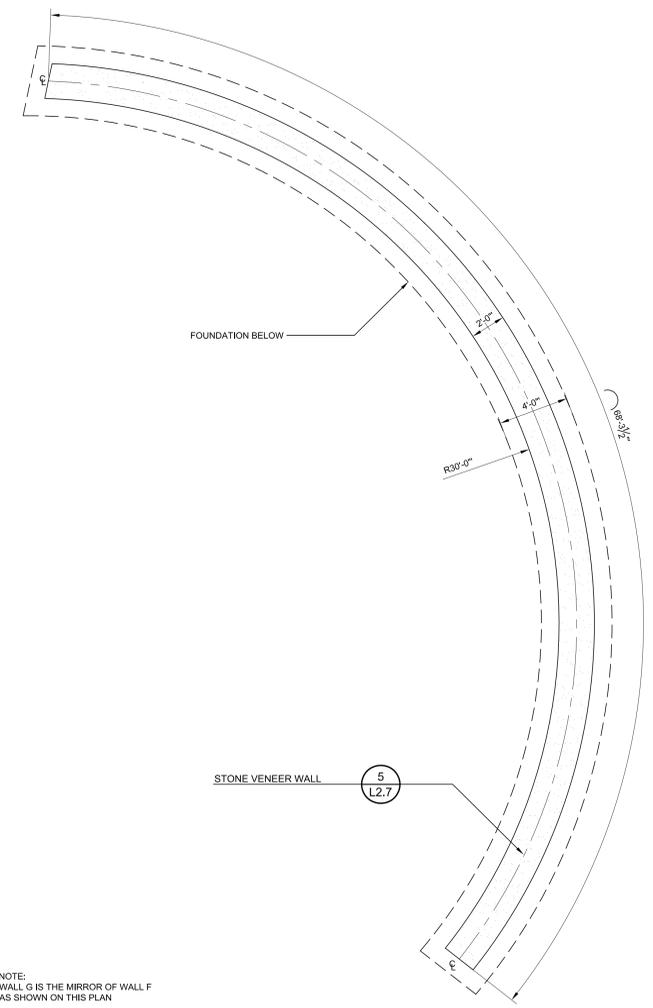
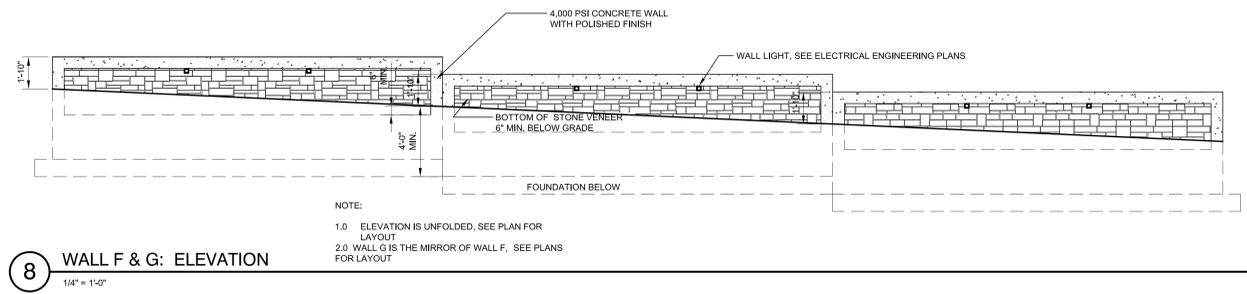
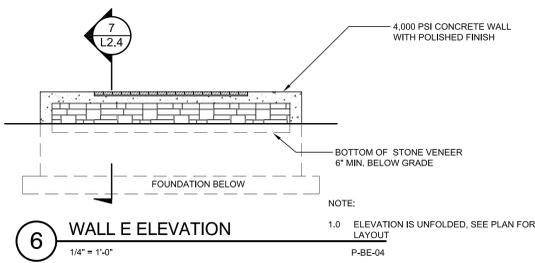
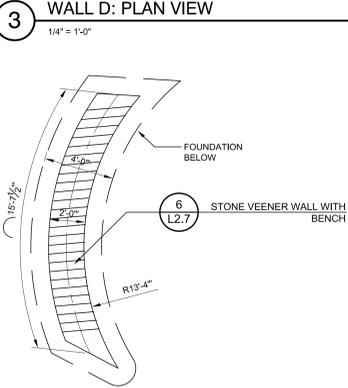
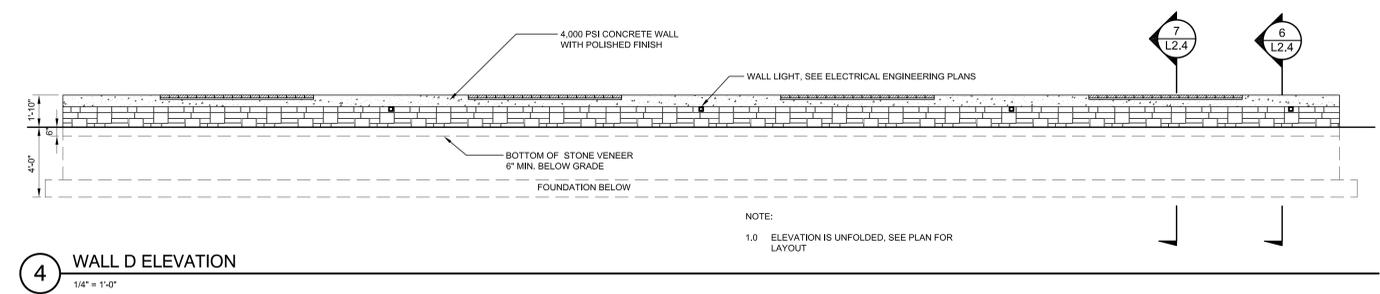
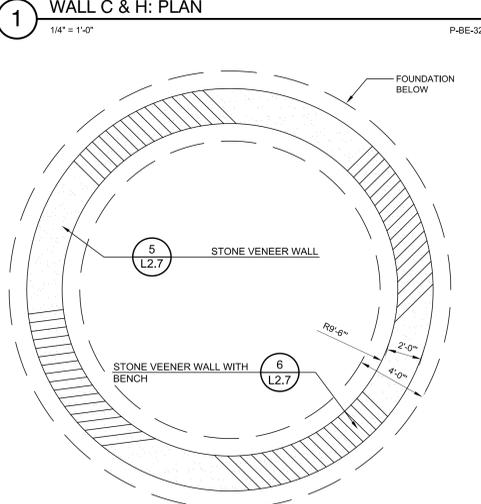
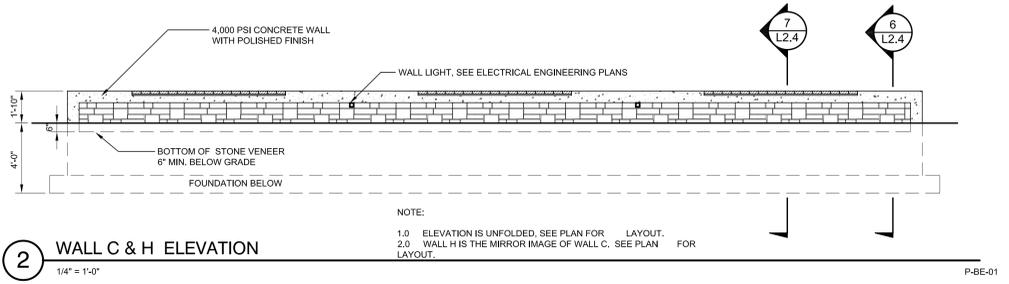
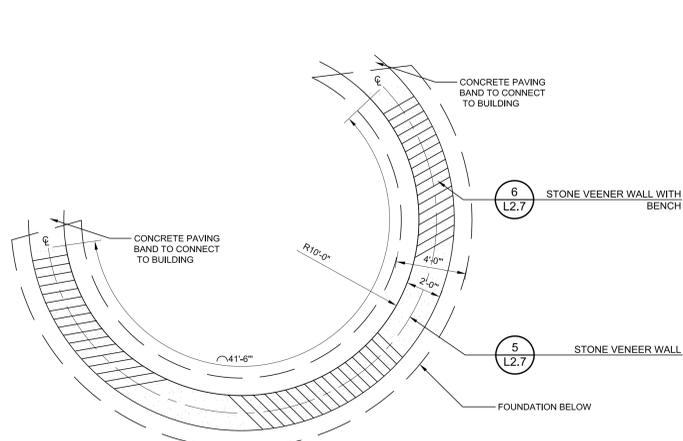
4 WALL B ELEVATION
1/4" = 1'-0"

NOTE:
1.0 ELEVATION IS UNFOLDED, SEE PLAN FOR LAYOUT

P-BE-08

P-BE-08

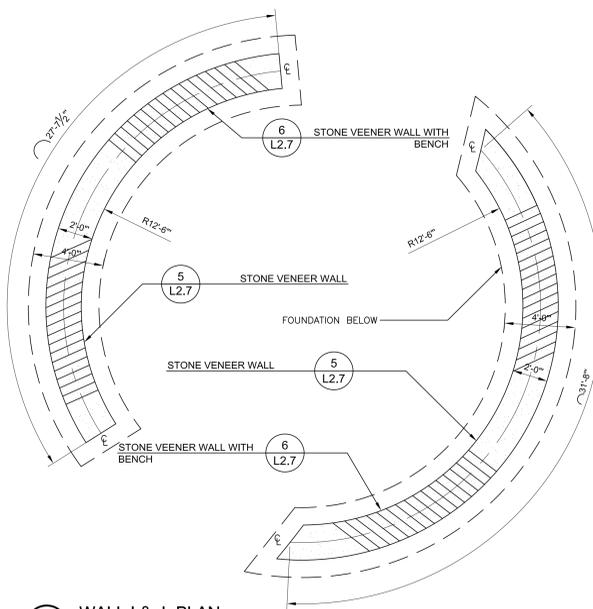
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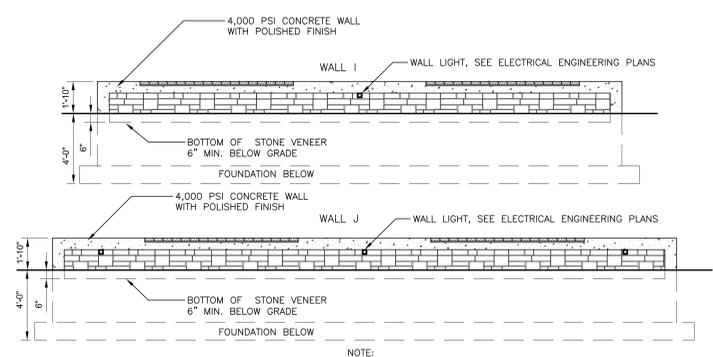


BEVERLY MIDDLE SCHOOL
CABOT STREET
BEVERLY, MA 01915

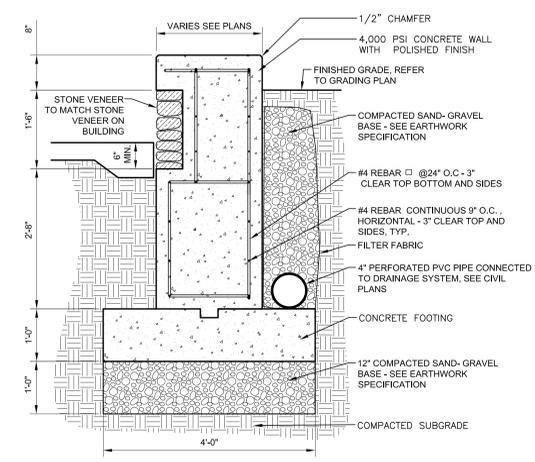
KEYNOTE LEGEND: (REFERENCE SHEETS A1.01 & A1.02 FOR WATER KEYNOTE LIST AND KEYNOTES NOT LISTED)



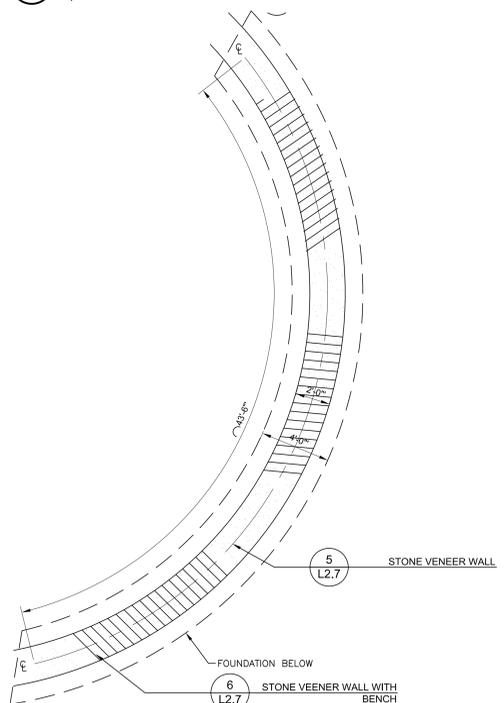
1 WALL I & J: PLAN
1/4" = 1'-0" P-BE-38



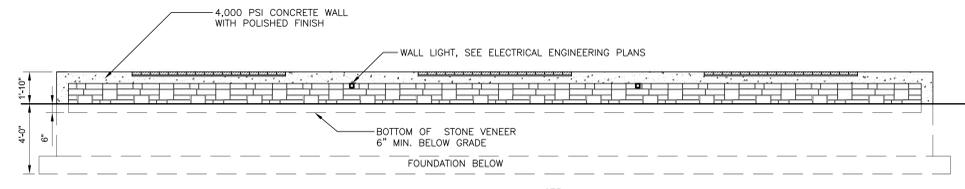
2 WALL I & J: ELEVATION
1/4" = 1'-0" P-BE-43



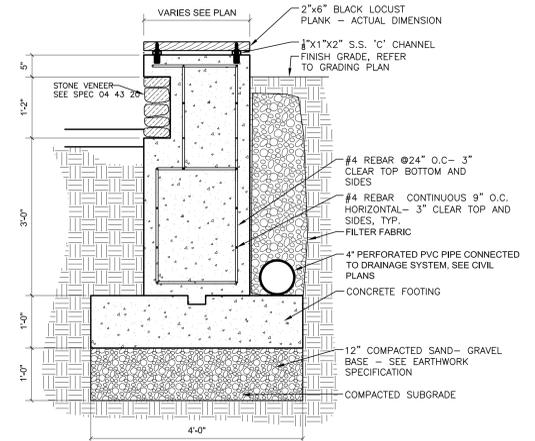
5 STONE VEENER WALL
SCALE: 3/4" = 1'-0"



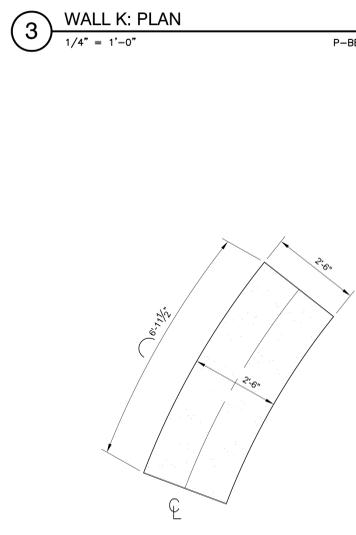
3 WALL K: PLAN
1/4" = 1'-0" P-BE-48



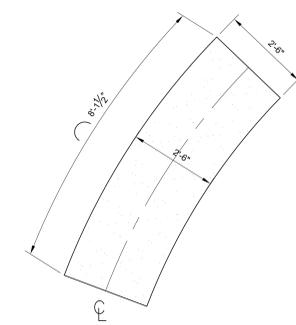
4 WALL K: ELEVATION
1/4" = 1'-0" P-BE-51



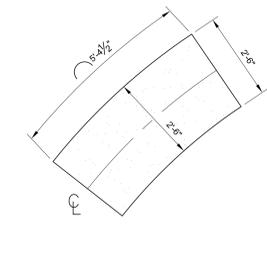
6 STONE VEENER WALL WITH BENCH
SCALE: 3/4" = 1'-0"



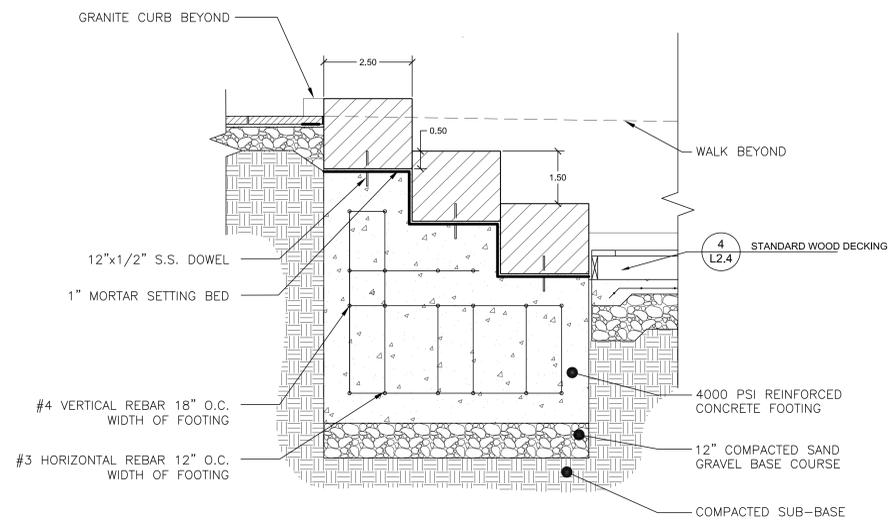
7 MONOLITHIC GRANITE BLOCK TYPE 'A'
1/2" = 1'-0" P-BE-70



8 MONOLITHIC GRANITE BLOCK TYPE 'B'
1/2" = 1'-0" P-BE-71

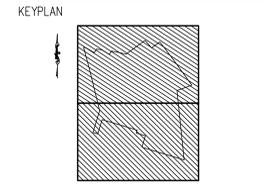


9 MONOLITHIC GRANITE BLOCK TYPE 'C'
1/2" = 1'-0" P-BE-72



10 MONOLITHIC GRANITE WALL
1/2" = 1'-0" P-BE-15

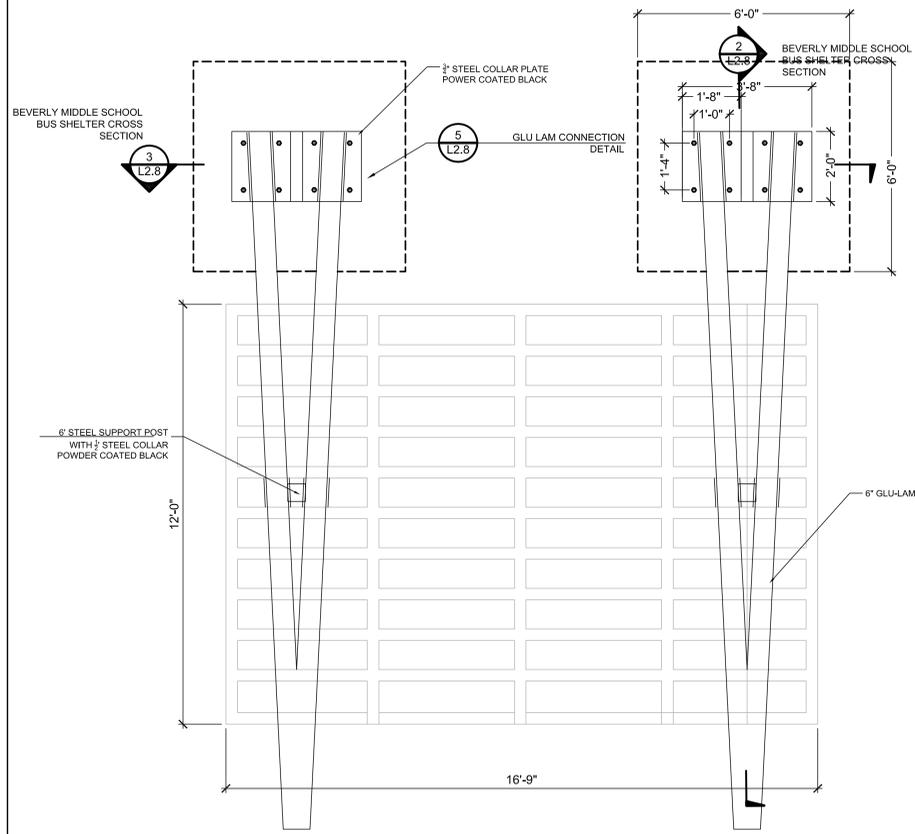
BID PACKAGE #3
FOUNDATIONS,
STRUCTURAL
STEEL,
& SITEWORK



DRAWING NAME:
SITE DETAILS WALLS 3

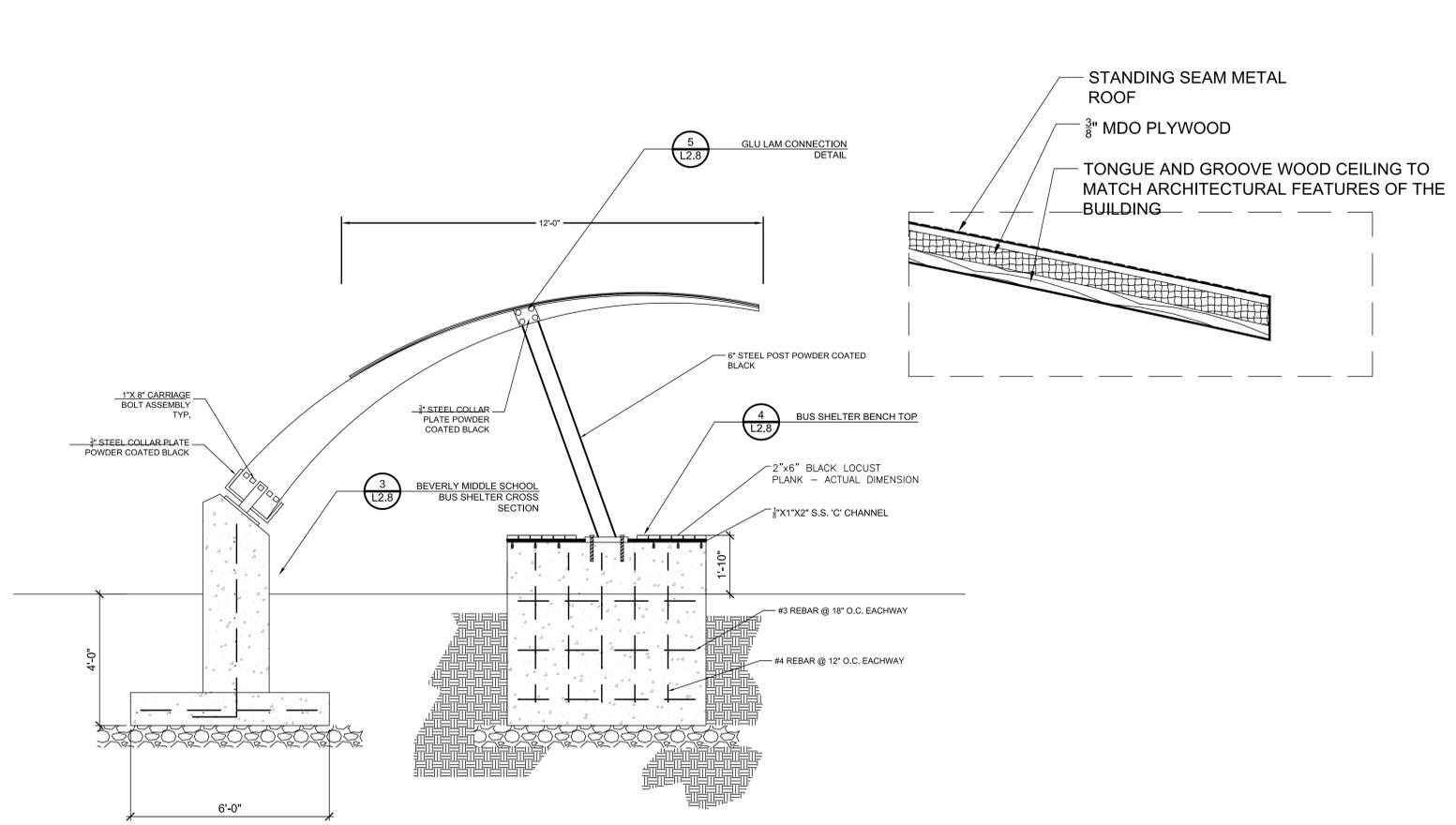
DRAWN BY:
REVIEWED BY:
SCALE:
JOB NO.: 1403.00
DATE: April 18, 2014

DRAWING NUMBER:
L2.7



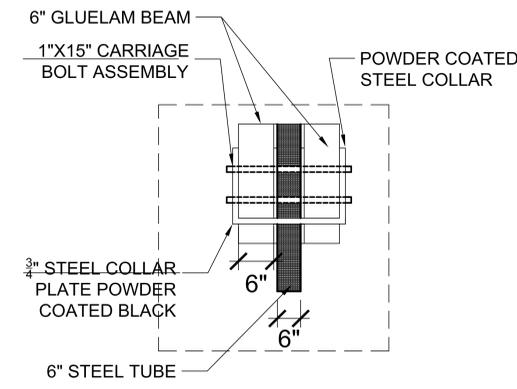
1 BEVERLY MIDDLE SCHOOL BUS SHELTER PLAN
1/2" = 1'-0"

P-EDU-01



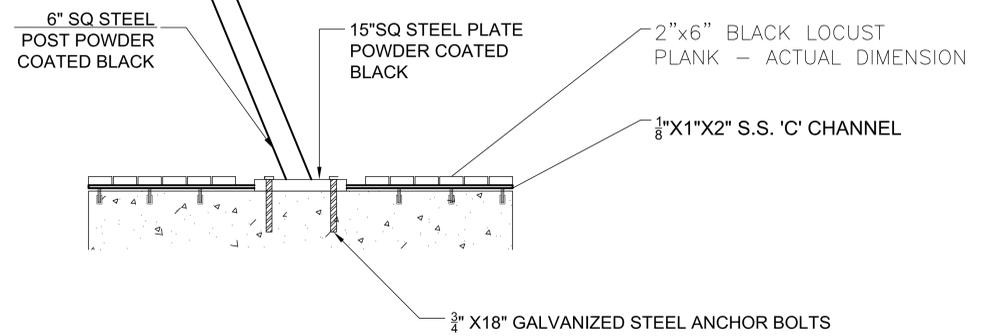
2 BEVERLY MIDDLE SCHOOL BUS SHELTER CROSS SECTION
1/2" = 1'-0"

P-EDU-02



5 GLU LAM CONNECTION DETAIL
1" = 1'-0"

P-EDU-04

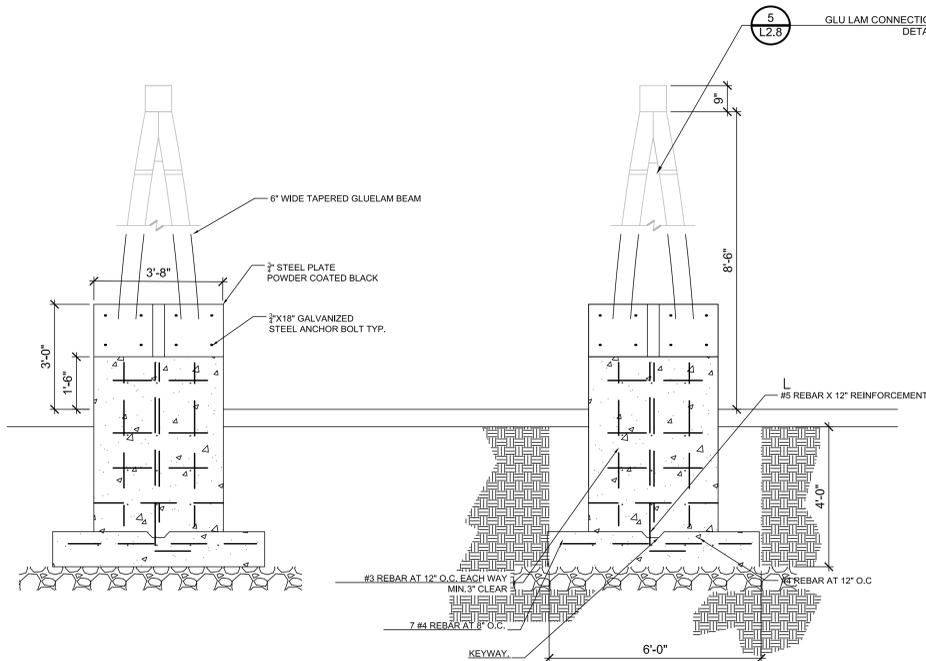


4 BUS SHELTER BENCH TOP
1" = 1'-0"

P-EDU-05

NOTES:

- ALL HARDWARE AND POSTS TO BE PRIMED AND POLYESTER RESIN POWDER COATED BY ELECTROSTATIC SPRAY AT A THICKNESS OF 3.0 MIL. COLORS TO BE APPROVED BY OWNER.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS, SIZES, FULL LAYOUT BASED ON SITE CONDITIONS, FINISHES AND POST FOUNDATIONS AND CONNECTIONS. PLANS TO BE REVIEWED AND STAMPED BY A MASSACHUSETTS LICENSED STRUCTURAL ENGINEER.
- ALL AREAS OF PAINTS OR POWERCOATED SURFACES SCRATCHED, DENTED OR OTHERWISE DEFECTED BY INSTALLATION SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.



3 BEVERLY MIDDLE SCHOOL BUS SHELTER CROSS SECTION
1/2" = 1'-0"

P-EDU-03



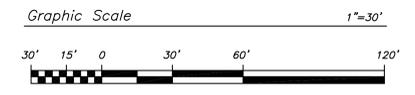


PLANT SCHEDULE L3.1

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
AR	Acer rubrum 'Red Sunset' / Red Sunset Maple	B & B	3"Cal		8
JE	Juniperus virginiana / Eastern Red Cedar	B & B		8' H x 10' W	12
QP	Quercus palustris 'Green Pillar' / Green Pillar Oak	B & B	3"Cal		3
UA	Ulmus americana 'Princeton' / American Elm	B & B	3.5"Cal		3
XC	x Cupressocyparis leylandii / Leylandi Cypress	B & B		10'-12' H X 5'-6' W	12

GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
	LM	Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 gal			12" o.c.	1,120
	SL	Sod Lawn	sod				170,090 sf

- NOTES:
- ALL DISTURBED AREAS SHALL RECEIVE LOAM AND SEED USING SEED MIX FOR GENERAL LAWN AREAS PER SPECIFICATION 32 92 20 UNLESS OTHERWISE NOTED ON THE PLANS.
 - SEE SPECIFICATION 32 92 20 FOR SODDING ATHLETIC FIELDS AS INDICATED ON THE PLANS.
 - SEE SPECIFICATION 32 92 30 FOR SEED MIXES FOR NON-LAWN AREAS.
 - ALL EXISTING UNDISTURBED LAWN AREAS SHALL BE OVER SEED TO LIMIT OF DISTURBANCE (LOD) UNLESS OTHERWISE NOTED ON THE PLANS.
 - INDIVIDUAL TREES SHALL RECEIVE A FIVE FOOT DIAMETER MULCH BED AROUND EACH TREE AS SHOWN. BEDLINES FOR GROUPS OF PLANTINGS WITHIN A MULCH BED ARE AS INDICATED ON THE PLAN.
 - SEE CIVIL PLANS FOR INFORMATION REGARDING ROADWAY, CURBS, WALLS, SIDEWALKS, CROSSWALKS, UTILITIES, GRADING AND PHASING.



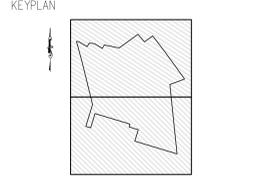
526 Boston Post Rd
508.358.0790
Wayland, MA
www.ai3architects.com



BEVERLY MIDDLE SCHOOL
CABOT STREET
BEVERLY, MA 01915

KEYNOTE LEGEND: WATER KEYNOTE LIST AND KEYNOTES NOT LISTED

BID PACKAGE #3
FOUNDATIONS,
STRUCTURAL
STEEL,
& SITEWORK

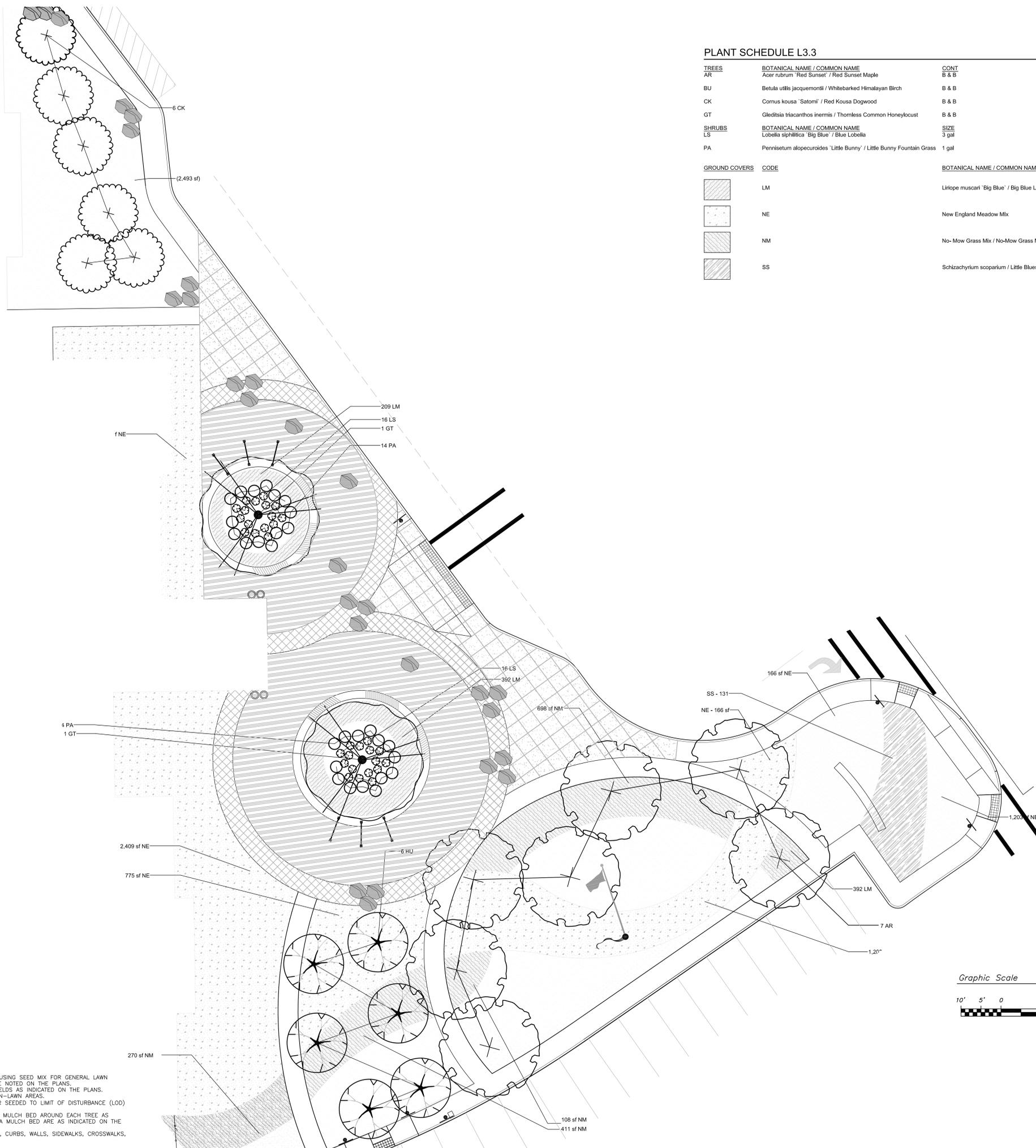


DRAWING NAME:
LANDSCAPE PLAN 2

DRAWN BY: AJE
REVIEWED BY: AJE

SCALE: 1"=30'
JOB NO.: 1403.00
DATE: April 18, 2014

DRAWING NUMBER:
L3.1



PLANT SCHEDULE L3.3

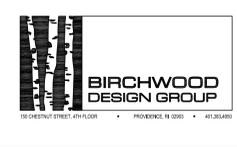
TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
AR	Acer rubrum 'Red Sunset' / Red Sunset Maple	B & B	3" Cal	7
BU	Betula utilis jacquemontii / Whitebarked Himalayan Birch	B & B	2.5" Cal	6
CK	Cornus kousa 'Satomi' / Red Kousa Dogwood	B & B	2.5" Cal	6
GT	Gleditsia triacanthos inermis / Thornless Common Honeylocust	B & B	3.5" Cal	2
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	QTY
LS	Lobelia siphilitica 'Big Blue' / Blue Lobelia	3 gal		32
PA	Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass	1 gal		28

GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	SPACING	QTY
	LM	Liriope muscari 'Big Blue' / Big Blue Lilyturf	1 gal		12" o.c.	601
	NE	New England Meadow Mix	seed			3,950 sf
	NM	No-Mow Grass Mix / No-Mow Grass Mix	seed			1,923 sf
	SS	Schizachyrium scoparium / Little Bluestem Grass	1 gal			768 sf

- NOTES:**
1. ALL DISTURBED AREAS SHALL RECEIVE LOAM AND SEED USING SEED MIX FOR GENERAL LAWN AREAS PER SPECIFICATION 32 92 20 UNLESS OTHERWISE NOTED ON THE PLANS.
 2. SEE SPECIFICATION 32 92 20 FOR SODDING ATHLETIC FIELDS AS INDICATED ON THE PLANS.
 3. SEE SPECIFICATION 32 92 30 FOR SEED MIXES FOR NON-LAWN AREAS.
 4. ALL EXISTING UNDISTURBED LAWN AREAS SHALL BE OVER SEED TO LIMIT OF DISTURBANCE (LOD) UNLESS OTHERWISE NOTED ON THE PLANS.
 5. INDIVIDUAL TREES SHALL RECEIVE A FIVE FOOT DIAMETER MULCH BED AROUND EACH TREE AS SHOWN. BEDLINES FOR GROUPS OF PLANTINGS WITHIN A MULCH BED ARE AS INDICATED ON THE PLAN.
 6. SEE CIVIL PLANS FOR INFORMATION REGARDING ROADWAY, CURBS, WALLS, SIDEWALKS, CROSSWALKS, UTILITIES, GRADING AND PHASING.



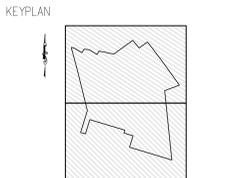
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BEVERLY MIDDLE SCHOOL
CABOT STREET
BEVERLY, MA 01915

KEYNOTE LEGEND: MASTER KEYNOTE LIST AND KEYNOTES NOT LISTED

BID PACKAGE #3
FOUNDATIONS,
STRUCTURAL
STEEL,
& SITEWORK



DRAWING NAME:
LANDSCAPE PLAN ENLARGEMENT 2

DRAWN BY: AJE
REVIEWED BY: AJE

SCALE: 1"=10'
JOB NO.: 1403.00
DATE: April 18, 2014

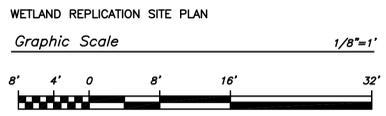
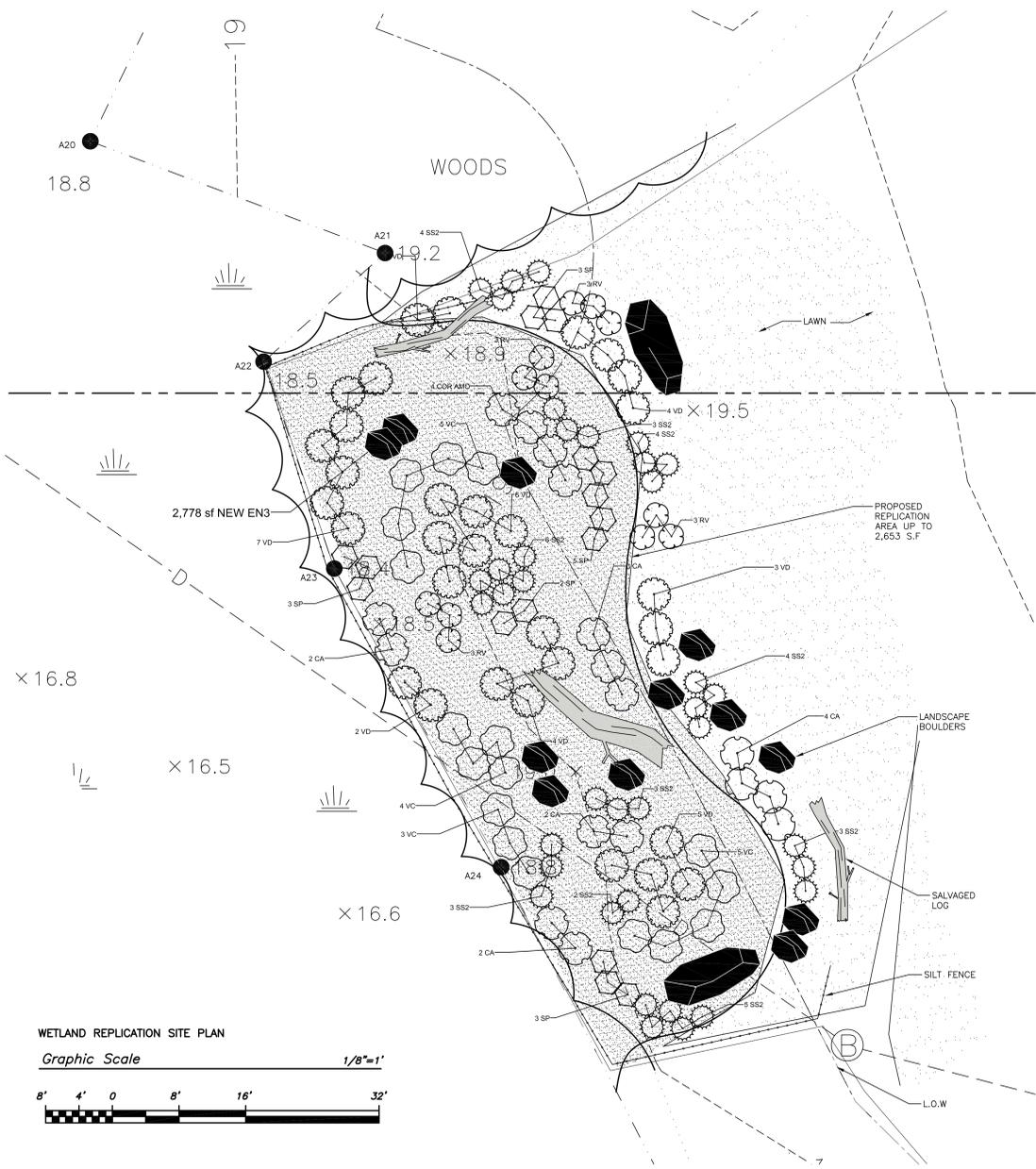
DRAWING NUMBER:
L3.3

GENERAL NOTES:

1. THE PURPOSE OF THIS PLAN IS TO MITIGATE FOR APPROXIMATELY 1,210 SQUARE FEET OF UNAVOIDABLE FILL IMPACTS TO AN ISOLATED FRESHWATER WETLAND ASSOCIATED WITH THE BEVERLY MIDDLE SCHOOL PROJECT. THE PROPOSED REPLICATION AREA IS LOCATED ALONG THE EDGE OF A MAINTAINED FIELD LOCATED CLOSE TO THE GRADE OF THE ADJACENT WETLAND. THE AREA WILL PROVIDE UP TO 2,500 SF OF REPLACEMENT WETLAND.
2. CONSTRUCTION PHASE EROSION CONTROL IS TO BE INSTALLED AS SHOWN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE RESTORATION AREA AND SHALL REMAIN IN PLACE UNTIL ALL EXPOSED SOIL WITHIN AND ADJACENT TO THE RESTORATION AREA HAS BEEN STABILIZED. SILTATION FENCE ALONE IS TO BE USED AT THE CONTACT BETWEEN THE EXISTING WETLAND AND THE REPLICATION AREA.
3. NO TREE CLEARING WILL OCCUR DURING RESTORATION AREA CONSTRUCTION. IF TREES ARE IDENTIFIED WITHIN THE VICINITY OF THE AREA, THEY SHALL BE FLAGGED WITH A READILY IDENTIFIABLE MARKING AND PROTECTED FROM DAMAGE. GRADING AND EXCAVATION AROUND TREES SHALL BE UNDERTAKEN WITH CARE TO AVOID DAMAGE TO ROOT SYSTEMS.
4. THE WETLAND RESTORATION AREA IS TO BE EXCAVATED TO 1 FOOT BELOW FINISH GRADE AND BACKFILLED TO GRADE WITH A 1:1 MIX OF LOAM AND LEAF MULCH TO PROVIDE A SUITABLE MEDIUM FOR THE PROPOSED PLANTINGS. MATCH FINISH GRADES ALONG THE RESTORED WETLAND EDGE TO EXISTING WETLAND GRADES AS SHOWN.
5. PLANTINGS ARE TO BE COMPLETED IN ACCORDANCE WITH THE TABLE AND PLAN SHOWN HEREIN. APPROPRIATE SUBSTITUTIONS MAY BE ALLOWED WITH THE APPROVAL OF THE OWNER AND ENGINEER.
6. GROUNDWATER ELEVATIONS, CONSTRUCTED GRADES AND ANY PLANTING SUBSTITUTIONS ARE TO BE APPROVED BY A QUALIFIED WETLAND SCIENTIST.
7. GRADING ALONG THE WETLAND EDGE IS TO BE ESTABLISHED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE INTENT IS TO MATCH EXISTING GRADES AT THE WETLAND EDGE TO PROVIDE CONTINUOUS CONTACT AND AVOID HIGH SPOTS OR RIDGE BETWEEN THE EXISTING AND RESTORED WETLAND.
8. ANY LARGE BOULDERS ENCOUNTERED DURING THE EXCAVATION MAY REMAIN WITHIN THE AREA TO ENHANCE HABITAT VALUE. LOGS OR OTHER WOODY DEBRIS SHALL BE SALVAGED PRIOR TO EXCAVATION FOR REUSE AS HABITAT FEATURES WITHIN THE RESTORATION AREA.
9. AFTER FINISH GRADING AND PLANTING, THE SURFACE OF THE REPLICATION AREA SHALL BE SEEDED WITH WETLAND SEED MIX AS SPECIFIED IN THE PLANTING TABLE.

REPLICATION AREA CONSTRUCTION SEQUENCE

1. REPLACE ANY MISSING WETLAND FLAGS IN THE LOCATION OF THE REPLICATION AREA AND MARK LIMIT OF DISTURBANCE.
2. IDENTIFY, TAG, AND PROTECT ALL TREES IN THE REPLICATION AREA VICINITY.
3. INSTALL CONSTRUCTION PHASE SILT FENCE EROSION CONTROL BETWEEN EXISTING WETLAND AND REPLICATION AREA.
4. REMOVE EXISTING VEGETATION FROM THE REPLICATION AREA. SALVAGE LOGS OR LARGE WOODY DEBRIS AND SET ASIDE FOR REUSE AS HABITAT FEATURES.
5. EXCAVATE REPLICATION AREA AND SHAPE TO SUBGRADE, DISPOSING OF EXISTING TOPSOIL. INSTALL ORGANIC WETLAND SOILS TO FINISH GRADE. PLACE SALVAGED WOODY MATERIAL AT RANDOM SPACING WITHIN THE AREA.
6. INSTALL SHRUB PLANTINGS PER PLANTING TABLE. SPRING SHRUB PLANTINGS SHOULD TAKE PLACE BETWEEN MARCH 1 AND JUNE 15. FALL TREE AND SHRUB PLANTINGS SHOULD OCCUR BETWEEN SEPTEMBER 1 AND DECEMBER 1. ARRANGE RANDOMLY AT 6'-8' SPACING TO MIMIC NATURAL CONDITIONS.
7. INSTALL WETLAND SEED MIX PER MANUFACTURER'S SPECIFICATION. SPRING SEEDING SHOULD TAKE PLACE BETWEEN MAY 1 AND JUNE 15. FALL SEEDING SHOULD OCCUR BETWEEN AUGUST 15 AND SEPTEMBER 30.
8. INSTALL POST-CONSTRUCTION HAY BALE AND SILT FENCE EROSION CONTROL BARRIER DIRECTLY UPSLOPE OF THE NEWLY CONSTRUCTED REPLICATION AREA TO PROTECT THE WETLAND DURING CONSTRUCTION ON THE ADJACENT PORTIONS OF THE SITE.
9. WATER AS NECESSARY TO PRODUCE VIGOROUS GROWTH.

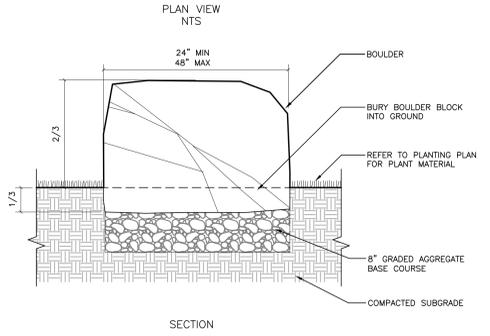


NOTE: 7' SPACING IS FOR ATHLETIC FIELDS BOULDERS ONLY. ALL OTHER BOULDER PLACEMENT SHALL BE APPROVED BY LANDSCAPE ARCHITECT.

PLANT SCHEDULE L3.4

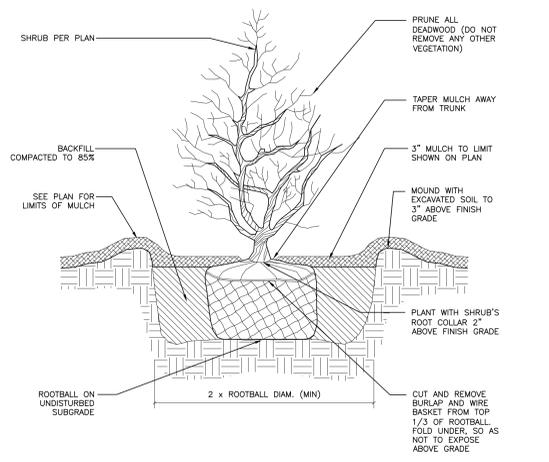
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
CA	Cornus amomum / Silky Dogwood	3 gal	13
COR AMO	Cornus amomum / Silky Dogwood	3 gal	4
RV	Rhododendron viscosum / Swamp Azalea	5 gal	12
SP	Salix discolor / Pussy Willow	5 gal	16
SS2	Schizachyrium scoparium / Little Bluestem Grass	1 gal	37
VC	Vaccinium corymbosum / Highbush Blueberry	B & B	17
VD	Viburnum dentatum / Arrowwood / Arrowwood Viburnum	10 gal	33

GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY
	NEW EN3	New England Wetland Seed Mix	seed		2,778 sf

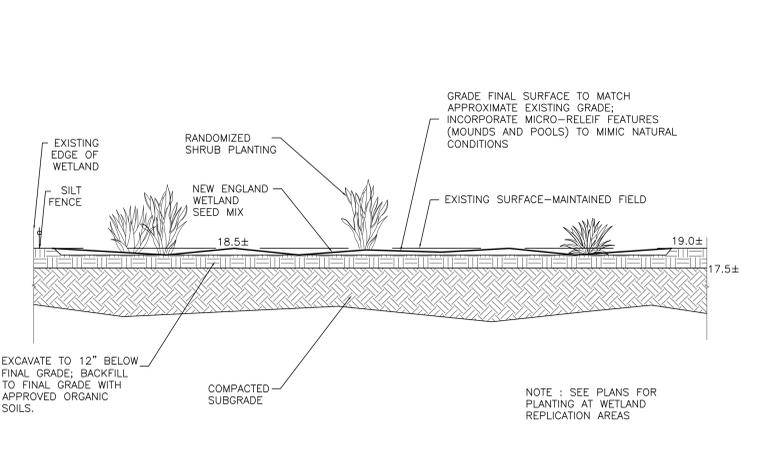


NOTES:
1. BOULDER LOCATIONS SHALL BE FIELD VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
2. SEE SPECIFICATIONS FOR BOULDERS AND DECORATIVE BOULDERS.
3. SEE PLANS FOR LOCATIONS OF DECORATIVE BOULDERS.

1 BOULDER PLACEMENT
NTS



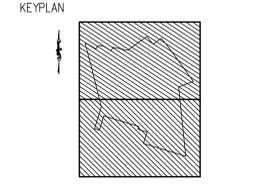
2 SHRUB PLANTING
NTS



3 SCHEMATIC REPLICATION AREA SECTION
3/16" = 1'-0"

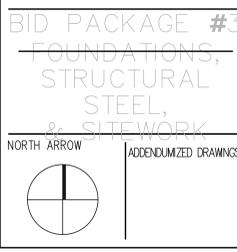
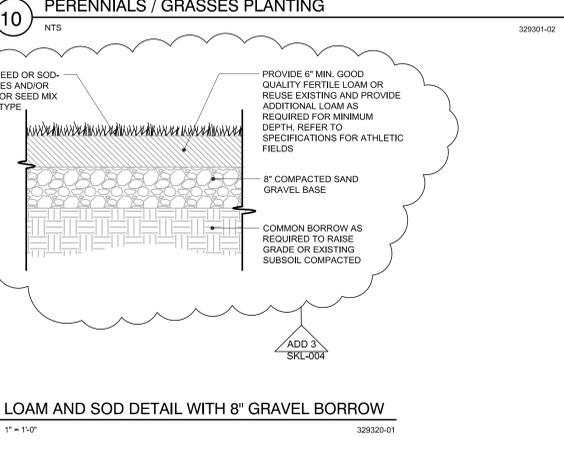
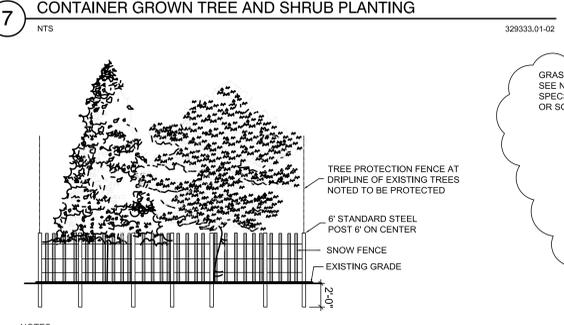
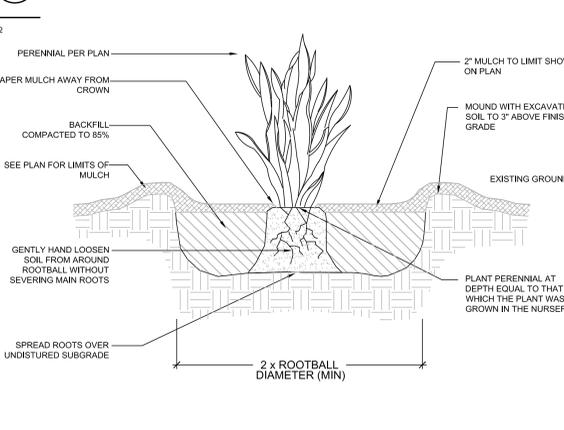
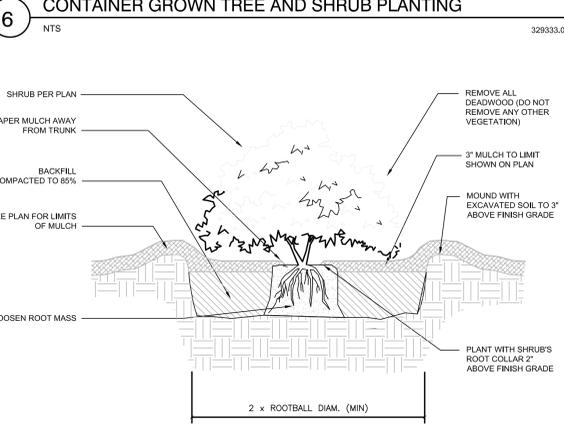
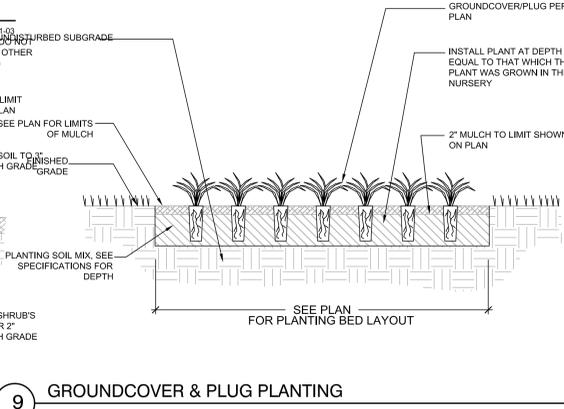
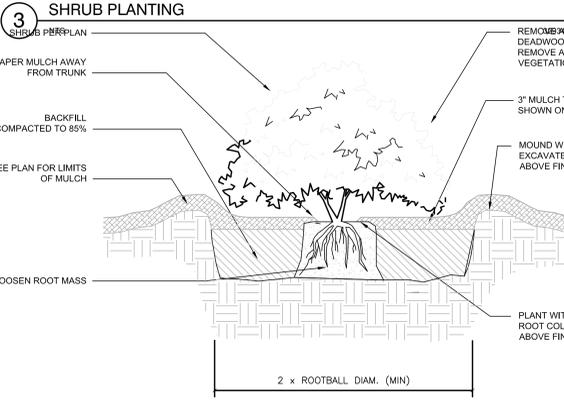
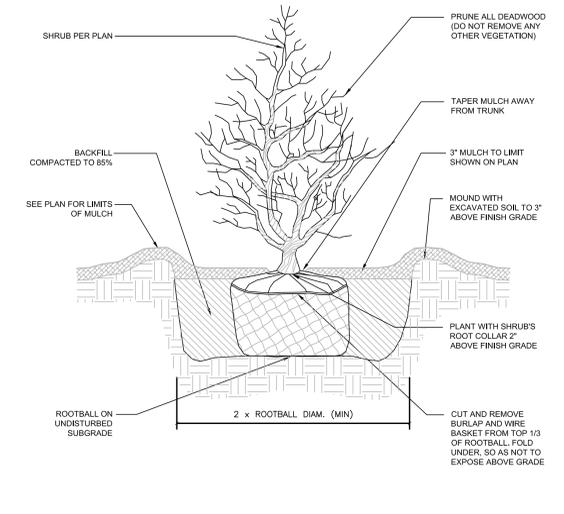
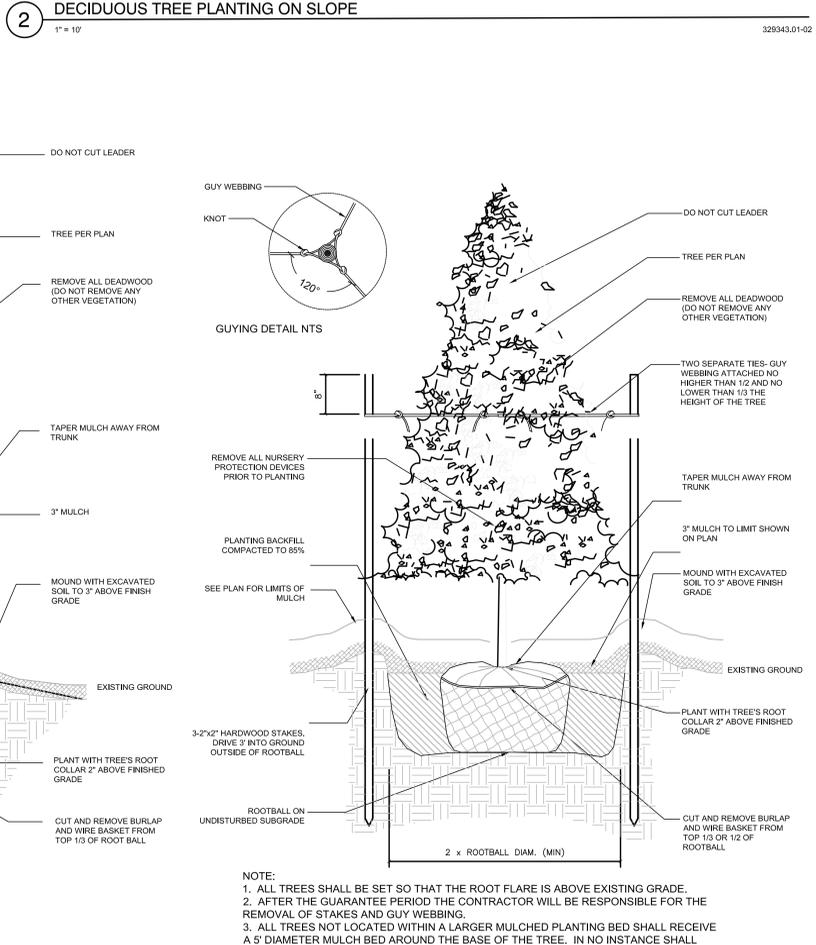
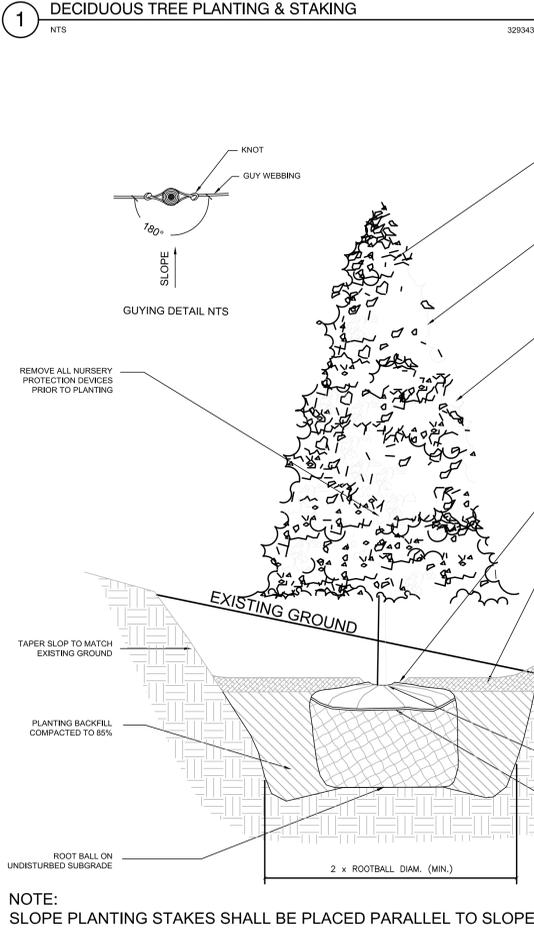
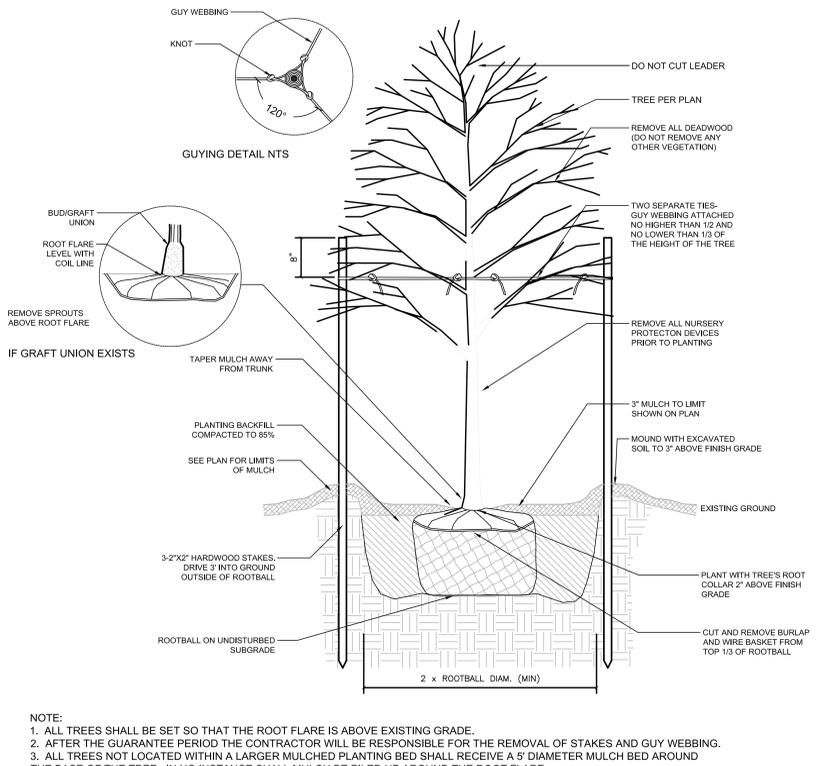
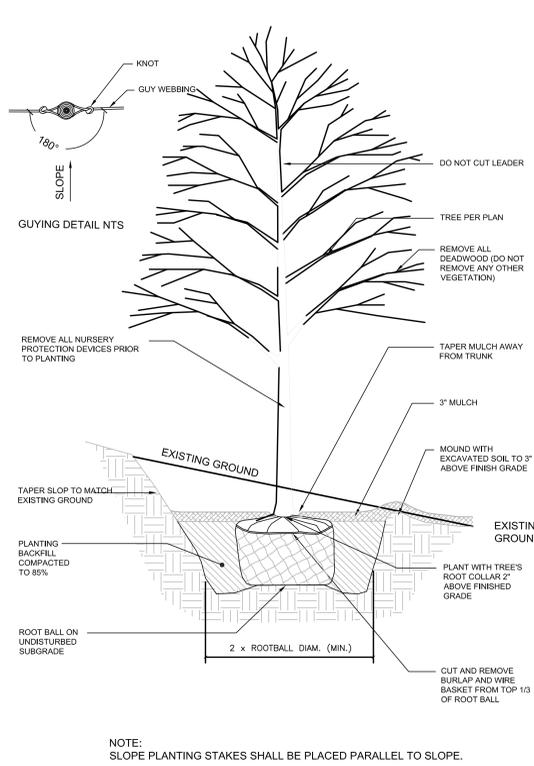
NOTES:
1. ALL DISTURBED AREAS SHALL RECEIVE LOAM AND SEED USING SEED MIX FOR GENERAL LAWN AREAS PER SPECIFICATION 32 92 20 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SEE SPECIFICATION 32 92 20 FOR SODDING ATHLETIC FIELDS AS INDICATED ON THE PLANS.
3. SEE SPECIFICATION 32 92 30 FOR SEED MIXES FOR NON-LAWN AREAS.
4. ALL EXISTING UNDISTURBED LAWN AREAS SHALL BE OVER SEEDED TO LIMIT OF DISTURBANCE (LOD) UNLESS OTHERWISE NOTED ON THE PLANS.
5. INDIVIDUAL TREES SHALL RECEIVE A FIVE FOOT DIAMETER MULCH BED AROUND EACH TREE AS SHOWN. BEDLINES FOR GROUPS OF PLANTINGS WITHIN A MULCH BED ARE AS INDICATED ON THE PLAN.
6. SEE CIVIL PLANS FOR INFORMATION REGARDING ROADWAY, CURBS, WALLS, SIDEWALKS, CROSSWALKS, UTILITIES, GRADING AND PHASING.

BID PACKAGE #3
FOUNDATIONS, STRUCTURAL STEEL, & SITEWORK
NORTH ARROW
ADJUDICATED DRAWINGS



DRAWING NAME:
LANDSCAPE PLAN ENLARGEMENT 3

DRAWN BY: JL
REVIEWED BY: AJE
SCALE: NTS | DRAWING NUMBER: **L3.4**
JOB NO.: 1403.00
DATE: April 18, 2019



DRAWING NAME:
LANDSCAPE DETAILS

DRAWN BY:
REVIEWED BY:

SCALE: NTS
JOB NO.: 1403.00
DATE: April 18, 2014

DRAWING NUMBER:
L 3.5