



BOYLSTON STREET (ROUTE 9)  
(STATE HIGHWAY LAYOUT - VARIABLE WIDTH)



**BOHLER**  
SITE CIVIL AND CONSULTING ENGINEERING  
PROGRAM MANAGEMENT  
LANDSCAPE ARCHITECTURE  
SUSTAINABLE DESIGN  
PERMITTING SERVICES  
TRANSPORTATION SERVICES

REVISIONS

REV	DATE	COMMENT	CHECKED BY	DRAWN BY
1	08/21/2023	REVISED BUILDING DESIGN	DT, JK	JE
2	12/21/2023	RESPONSE TO COMMENTS	DT, JK	JE
3	02/12/2024	RESPONSE TO COMMENTS	DT, JK	JE
4	04/01/2024	RESPONSE TO COMMENTS	DT	JE
5	7/18/2024	RESPONSE TO COMMENTS	DT	JE



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PROJECT No.: MAB220089.00  
DRAWN BY: DT, MB, JK  
CHECKED BY: JE  
DATE: 03/01/2023  
CAD ID: MAB220089.00-X-TTLB-LSCP

PROJECT:  
**ZONING BOARD OF APPEALS / COMPREHENSIVE PERMIT APPLICATION**  
FOR

**TOLL BROTHERS, INC**

PROPOSED RESIDENTIAL DEVELOPMENT  
528 BOYLSTON STREET  
CITY OF NEWTON  
MIDDLESEX COUNTY, MA

**BOHLER**

45 FRANKLIN STREET, 5th FLOOR  
BOSTON, MA 02110  
Phone: (617) 849-8040

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SHEET TITLE:

**LANDSCAPE LAYOUT PLAN**

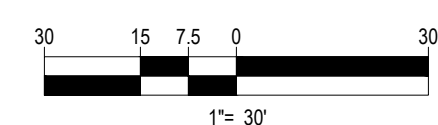
SHEET NUMBER:

**L-100**

REVISION 5 - 7/18/2024

**THIS PLAN TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY**

**REFER LANDSCAPE NOTES & DETAILS SHEET FOR LANDSCAPE NOTES AND DETAILS**



BOHLER ENGINEERING, INC. PROJECT: 20220322\MAB220089.00\CADD\DRAWINGS\PLAN SETS\CIVIL SITE PLAN\MAB220089.00\LSCP-1C-LAYOUT-L-100 LAYOUT-100.DWG



BOYLSTON STREET (ROUTE 9)  
(STATE HIGHWAY LAYOUT - VARIABLE WIDTH)

PROPOSED  
RESIDENTIAL BUILDING

PAUL BROOK

HAGGEN ROAD  
45' WIDE

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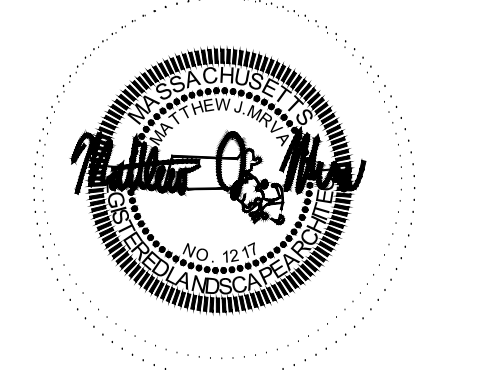
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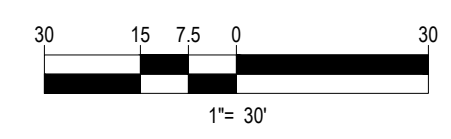
**ZONING BOARD OF APPEALS / COMPREHENSIVE PERMIT APPLICATION**  
FOR  
**TOLL BROTHERS, INC**  
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MIDDLESEX COUNTY, MA

**BOHLER**  
45 FRANKLIN STREET, 5th FLOOR  
BOSTON, MA 02110  
Phone: (617) 849-8040  
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SHEET TITLE:  
**MATERIALS PLAN**  
SHEET NUMBER:  
**L-200**  
REVISION 5 - 7/18/2024

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BOHLER ENGINEERING, INC. PROJECT: 20220322\MAB220089.00\CAD\DRAWINGS\PLAN SETS\CIVIL SITE PLAN\MAB220089.00\LSCP-1C-LAYOUT-L-200 MATERIALS



PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
<b>CANOPY TREES</b>						
CJ	19	CARPINUS CAROLINIANA 'N. UPRIGHT'	FIRESPRUE AMERICAN HORNBEAM	4.4-5' CAL	B&B	
GTK	10	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE THORNLESS HONEY LOCUST	4.4-5' CAL	B&B	
NS	21	NYSSA SYLVATICA	SOUR GUM	4.4-5' CAL	B&B	
PLO	10	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	4.4-5' CAL	B&B	
QA	7	QUERCUS ALBA	WHITE OAK	4.4-5' CAL	B&B	
QR	3	QUERCUS RUBRA	RED OAK	4.4-5' CAL	B&B	
<b>EVERGREEN TREES</b>						
ABC	18	ABIES CONCOLOR	WHITE FIR	20" HT.	B&B	5' CAL
CT	20	CHAMAECYPARIS THYOIDES	ATLANTIC WHITE CEDAR	10-12"	B&B	4' CAL
LL	17	LARIX LARICINA	TAMARACK	20" HT.	B&B	5' CAL
PDZ	7	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	20" HT.	B&B	5' CAL
PGL	6	PICEA GLAUCA	WHITE SPRUCE	20" HT.	B&B	5' CAL
PR	12	PINUS RIGIDA	PITCH PINE	20" HT.	B&B	5' CAL
PS	25	PINUS STROBUS	WHITE PINE	20" HT.	B&B	5' CAL
TC2	9	TSUGA CANADENSIS	EASTERN HEMLOCK	10-12"	B&B	4' CAL
TOG	24	THUJA OCCIDENTALIS 'GREEN GIANT'	GREEN GIANT ARBORVITAE	20" HT.	B&B	5' CAL
TOG(1)	14	THUJA OCCIDENTALIS 'GREEN GIANT'	GREEN GIANT ARBORVITAE	10-12"	B&B	3' CAL
<b>ORNAMENTAL TREES</b>						
CA2	14	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	2.5-3" CAL	B&B	
PCZ	25	PRUNUS VIRGINIANA 'CANADA RED'	CANADA RED CHOKECHERRY	2.5-3" CAL	B&B	
TOTAL: 1,059' CALIPER						

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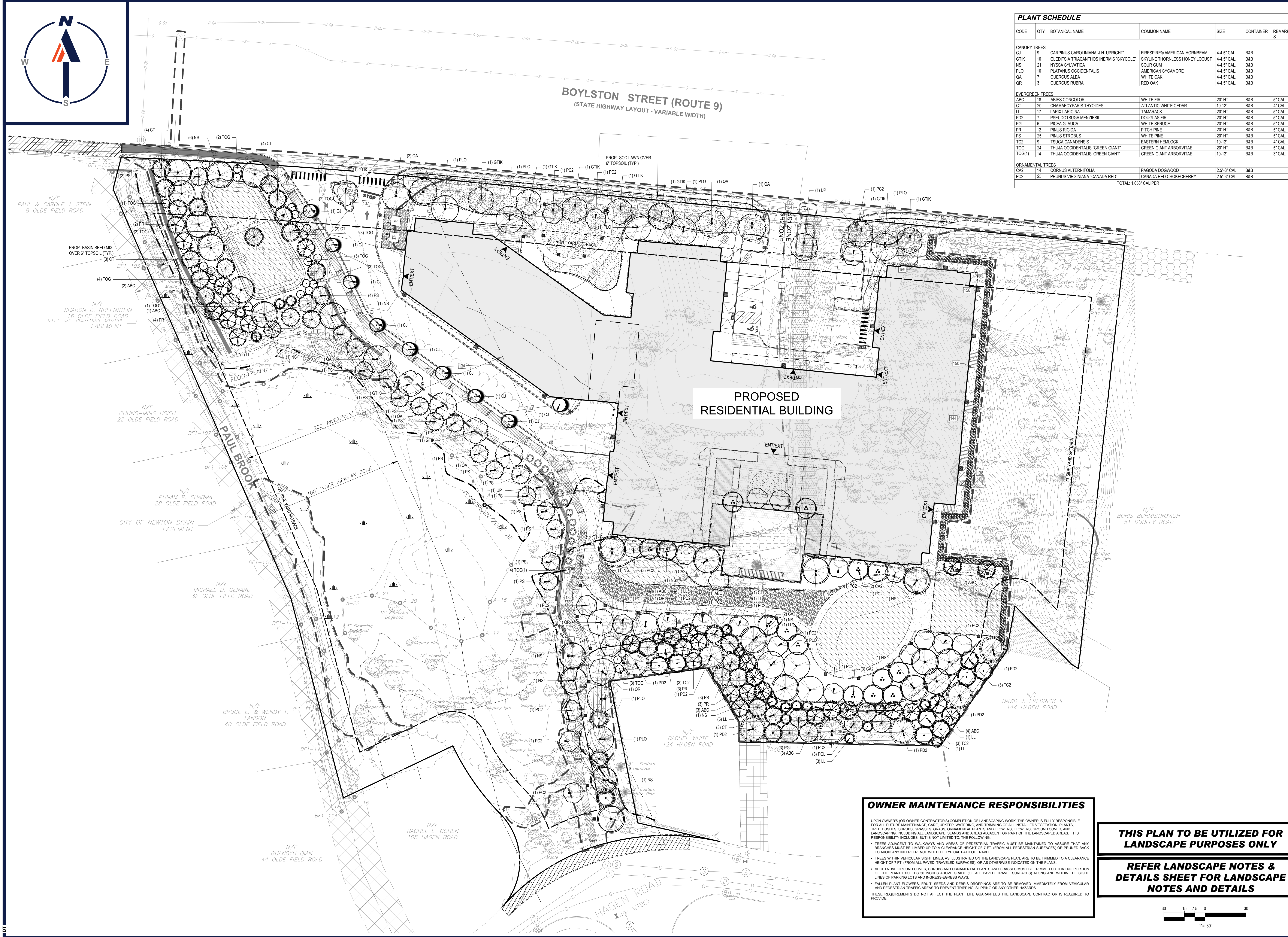
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SHEET TITLE:  
**PLANTING PLAN**  
SHEET NUMBER:  
**L-300**  
REVISION 5 - 7/18/2024



**OWNER MAINTENANCE RESPONSIBILITIES**

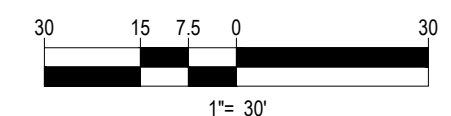
UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION: PLANTS, TREES, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL.
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVEL SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND WALKWAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEE THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE.

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**TREE REMOVAL LEGEND**

TREES TO REMOVE  
 TREES TO REMAIN  
 2,560 INCHES TOTAL CALIPER INCHES REMOVED

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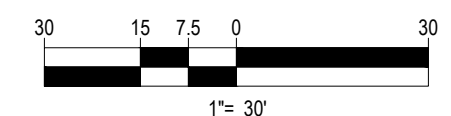
SHEET TITLE:  
**TREE REMOVAL PLAN**

SHEET NUMBER:  
**L-400**

REVISION 5 - 7/18/2024



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 DT



### MITIGATION PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
<b>TREES</b>						
AR	6	ACER RUBRUM	RED MAPLE	2-2.5" CAL.	B&B	
AN	6	ACER NEGUNDO	BOX ELDER	2-2.5" CAL.	B&B	
SP	15	SALIX SP.	WILLOW	-	WHIPS	
<b>SHRUBS</b>						
GB	30	GAYLUSSACIA BACCATA	BLACK HUCKLEBERRY	1 GAL.	CONTAINER	10' O.C.
VA	30	VACCINIUM ANGUSTIFOLIA	LOWBUSH BLUEBERRY	1 GAL.	CONTAINER	10' O.C.
VAC	30	VIBURNUM ACERIFOLIUM	MAPLE-LEAF VIBURNUM	1 GAL.	CONTAINER	10' O.C.
<b>GROUND COVER</b>						
OC	150	OSUNDASTRUM CINNAMOMEUM	CINNAMON FERN	-	PLUGS	5' O.C.
PA	95	POLYSTICHUM ACROSTICHOIDES	CHRISTMAS FERN	-	PLUGS	5' O.C.
SP	95	SITOBOLIUM PUNCTILOBULUM	EASTERN HAYSCENTED FERN	-	PLUGS	5' O.C.
DF	95	DRYOPTERIS FILIX-MAS	MALE FERN	-	PLUGS	5' O.C.
PB	95	POLYGONATUM BIFLORUM	GREAT SOLOMON'S SEAL	-	PLUGS	5' O.C.
MR	95	MAIANTHEMUM RACEMOSUM	FALSE SOLOMON'S SEAL	-	PLUGS	5' O.C.
PP	95	POLYGONATUM PUBESCENS	HAIRY SOLOMON'S SEAL	-	PLUGS	5' O.C.
HV	95	HEUCHERA VILLOSA	ALUMROOT	-	PLUGS	5' O.C.
WF	95	WALDSTENIA FRAGARIOIDES	BARREN STRAWBERRY	-	PLUGS	5' O.C.
PL	95	PULMONARIA	LUNGWORT	-	PLUGS	5' O.C.

### SCOPE OF WORK

- APPROXIMATELY 27,200 SQUARE FEET OF THE SITE WILL BE MITIGATED FOR INVASIVE SPECIES AND DEBRIS REMOVAL. THE OVERALL APPROACH FOR THE MITIGATION IS TO PHYSICALLY REMOVE THE INVASIVE PLANTS FROM THE AREA, TREAT THE AREA WITH PREVENTATIVE HERBICIDES TO KILL THE REMAINING PLANTS, RESTORE THE AREA WITH NATURAL PLANTINGS, AND PROVIDE LONG-TERM MAINTENANCE TO PREVENT THE INVASIVE SPECIES FROM RETURNING. A DETAILED INVASIVE SPECIES MANAGEMENT PLAN WILL BE PREPARED TO DISCUSS THE MEANS AND METHODS FOR THE INVASIVE SPECIES REMOVAL, AFTER DISCUSSION WITH THE CONSERVATION COMMISSION.
- BASED UPON FIELD OBSERVATIONS THAT LE PERFORMED ON APRIL 25, 2024, A SET OF PLANT SPECIES HAS BEEN IDENTIFIED WHICH INCLUDE TARGET INVASIVE SPECIES REQUIRING VARYING DEGREES OF MANAGEMENT. THESE INCLUDE THE FOLLOWING:
  - GARLIC MUSTARD (ALLIARIA PETIOLATA)
  - JAPANESE KNOTWEED (LONGICERA JAPONICA)
  - NORWAY MAPLE (ACER PLATANOIDES)
- A QUALIFIED BIOLOGIST FAMILIAR WITH INVASIVE SPECIES REMOVAL WILL PERFORM ON-SITE OBSERVATIONS DURING THE IMPLEMENTATION PHASE OF THE WORK.
- GIVEN THE EXTENT OF NORWAY MAPLE AT THE SITE, THE RECOMMENDED METHOD FOR CONTROL OF THIS SPECIES IS MECHANICAL BY REMOVING SMALL, YOUNG GROWTH (I.E., SEEDLINGS AND SMALL SHRUBS < 3" DBH). MATURE TREES WILL BE LEFT UNHARMED TO MAINTAIN THE EXISTING BUFFER AND SCREENING FOR ADJUTING PROPERTIES.
- THE RECOMMENDED METHOD FOR CONTROL OF JAPANESE KNOTWEED INCLUDES A COMBINATION OF MOWING THE PLANT DOWN TO THE GROUND AND USING CUT STEM HERBICIDE APPLICATION.
- THE RECOMMENDED METHOD FOR CONTROL OF GARLIC MUSTARD IS BY REMOVAL OF STEMS AND DIGGING OF ROOTS BY HAND.
- UPON THE COMPLETION OF THE INVASIVE SPECIES REMOVAL, THE AREA WILL NEED TO BE STABILIZED. THE RESTORATION AREA WILL BE SUPPLEMENTED WITH LOAM AS NEEDED WITH UP TO 3" OF APPROPRIATE SOILS, AND ADDITIONAL PLANTINGS/SEEDING OF APPROPRIATE NATIVE SPECIES TO ALLOW RAPID RE-COLONIZATION AND PREVENT RE-ESTABLISHMENT OF NON-NATIVE SPECIES. THE PLANTING PLAN WILL BE COORDINATED WITH CONSERVATION COMMISSION STAFF.
- THE INVASIVE SPECIES MANAGEMENT PROTOCOL WILL GENERATE A SUBSTANTIAL AMOUNT OF PLANT DEBRIS AND SOILS THAT OFTEN CONTAIN VIABLE ROOT FRAGMENTS AND SEED BANKS. INVASIVE PLANT MATERIAL IS TO BE BAGGED AND ALLOWED TO ROT WITHIN THE BAGS. THE BAGS SHOULD BE DISPOSED OF IN A LANDFILL OR INCINERATED.
- POST-IMPLEMENTATION OBSERVATIONS WILL OCCUR AT A MINIMUM DURING THE EARLY AND LATE PORTIONS OF EACH GROWING SEASON FOR A THREE-YEAR (MINIMUM) MONITORING PERIOD. THE CONSERVATION COMMISSION WILL BE PROVIDED WITH WRITTEN REPORTING ON AN ANNUAL BASIS, OR MORE FREQUENTLY, IF REQUIRED UNDER THE ORDER OF CONDITIONS AND/OR OTHER PERMIT.

### MITIGATION ZONES

MITIGATION ZONE	TOTAL AREA
ZONE 5	2,400 SF ±
ZONE 4	3,000 SF ±
ZONE 3	2,000 SF ±
ZONE 2	3,800 SF ±
ZONE 1	16,000 SF ±

#### ZONE 5:

- REMOVE ALL LITTER DEBRIS
- REMOVE/TREAT INVASIVE PLANTS
- REMOVE BOTH WALLS (JERSEY BARRIER AND RAILROAD TIE) AND RESTABILIZE WITH GEOTEXTILE MATRIX
- FILL EROSION RUT BY HEADWALL
- SEED WITH CUSTOM SEED MIX - REFER TO DETAIL 3

#### ZONE 4:

- REMOVE ALL LITTER DEBRIS
- REMOVE/TREAT INVASIVE PLANTS
- REMOVE NORWAY MAPLES < 3" DBH - VIF AND TAG WITH QUALIFIED BIOLOGIST
- SEED WITH CUSTOM SEED MIX - REFER TO DETAIL 3
- PLANT WITH THE FOLLOWING:
  - (10) BLACK HUCKLEBERRY (GAYLUSSACIA BACCATA)
  - (10) LOWBUSH BLUEBERRY (VACCINIUM ANGUSTIFOLIA)
  - (10) MAPLE-LEAF VIBURNUM (VIBURNUM ACERIFOLIUM)

#### ZONE 3:

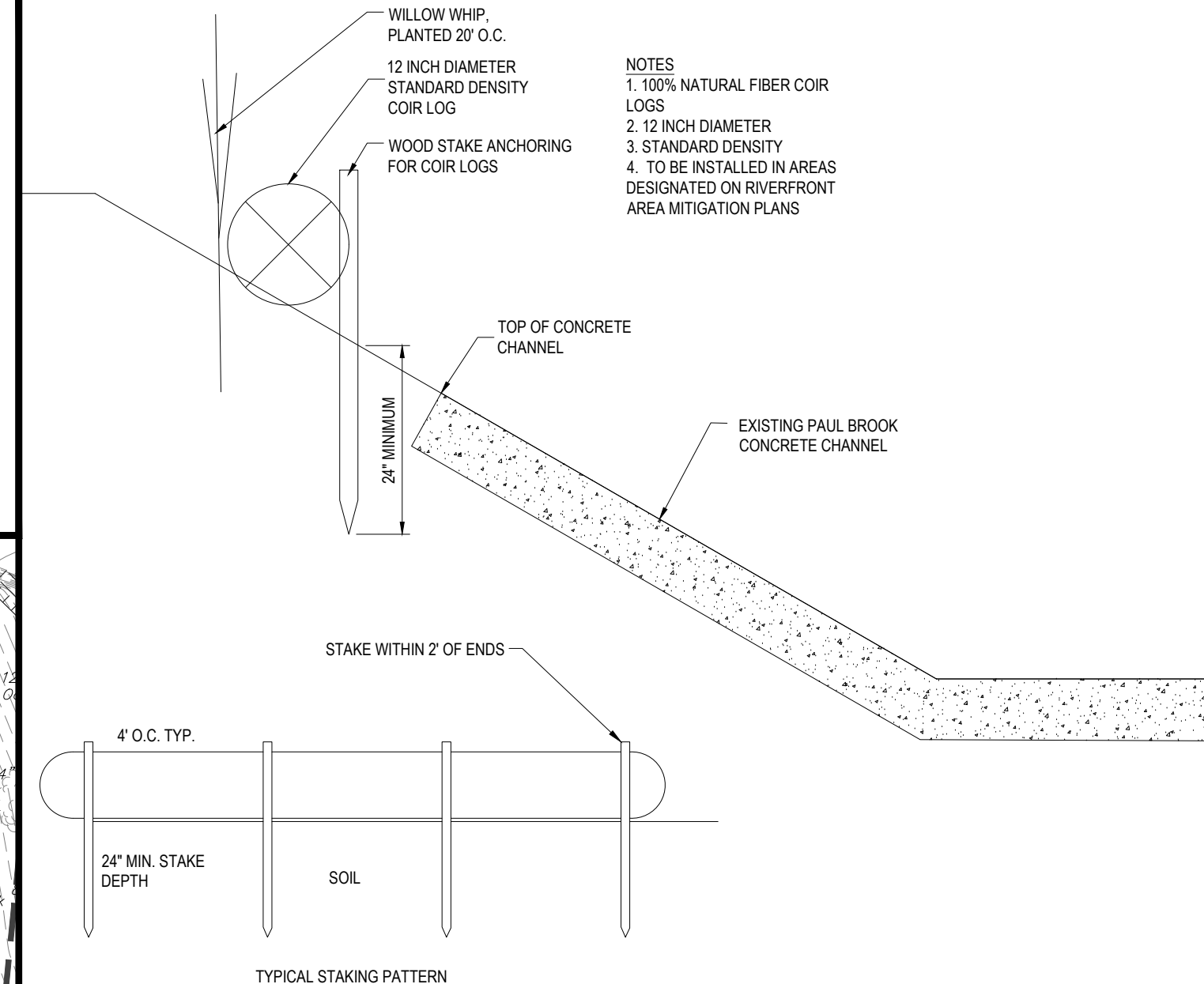
- REMOVE ALL LITTER DEBRIS
- REMOVE/TREAT INVASIVE PLANTS
- REMOVE NONNATIVE TREES < 3" DBH - VIF AND TAG WITH QUALIFIED BIOLOGIST
- SEED WITH WETMIX SEED MIX - REFER TO DETAIL 2
- PLANT WITH THE FOLLOWING:
  - (15) CHRISTMAS FERN (POLYSTICHUM ACROSTICHOIDES)
  - (15) EASTERN HAYSCENTED FERN (SITOBOLIUM PUNCTILOBULUM)
  - (15) MALE FERN (DRYOPTERIS FILIX-MAS)
  - (15) GREAT SOLOMON'S SEAL (POLYGONATUM BIFLORUM)
  - (15) FALSE SOLOMON'S SEAL (MAIANTHEMUM RACEMOSUM)
  - (15) HAIRY SOLOMON'S SEAL (POLYGONATUM PUBESCENS)
  - (15) ALUMROOT (HEUCHERA VILLOSA)
  - (15) BARREN STRAWBERRY (WALDSTENIA FRAGARIOIDES)
  - (15) LUNGWORT (PULMONARIA)

#### ZONE 2:

- REMOVE ALL LITTER DEBRIS
- REMOVE/TREAT INVASIVE PLANTS
- REMOVE NONNATIVE TREES < 3" DBH - VIF AND TAG WITH QUALIFIED BIOLOGIST
- REGRADE AREA TO BE LEVEL SPREADER AND RESTABILIZE WITH JUTE NET - REFER TO C-401
- SEED WITH WETMIX SEED MIX - REFER TO DETAIL 2
- PLANT WITH THE FOLLOWING:
  - (4) RED MAPLE (ACER RUBRUM)
  - (4) BOX ELDER (ACER NEGUNDO)
  - (10) WILLOW (SALIX SP.) WHIPS AT BROOK EDGE

#### ZONE 1:

- REMOVE ALL LITTER DEBRIS
- REMOVE SPOIL PILES
- REMOVE/TREAT INVASIVE PLANTS
- REMOVE NORWAY MAPLES < 3" DBH - VIF AND TAG WITH QUALIFIED BIOLOGIST
- SEED WITH CUSTOM SEED MIX - REFER TO DETAIL 3
- PLANT WITH THE FOLLOWING:
  - (100) CINNAMON FERN (OSUNDASTRUM CINNAMOMEUM)



### 1 COIR LOG - BANK STABILIZATION

NOT TO SCALE

"NEW ENGLAND WETMIX" AS PREPARED BY:  
 NEW ENGLAND WETLAND PLANTS, INC.  
 820 WEST STREET, AMHERST, MA 01002  
 PHONE: 413-548-8000  
 EMAIL: INFO@NEWP.COM  
 WEBSITE: WWW.NEWP.COM

APPLICATION RATE: 1 LB./2500 SQ. FT.  
 18 LBS./ACRE  
 PRICE: BULK

SPECIES: FOX SEDGE (CAREX VULPINOIDEA), BLUNT BROOM SEDGE (CAREX SCOPARIA), LURID SEDGE (CAREX LURIDA), HOP SEDGE (CAREX LUPULINA), FOWL BLUEGRASS (POA PALUSTRIS), BEGGAR TICKS (BIDENS FRONDOSA), GREEN BULRUSH (SCIRPUS ATROVIRENS), SWAMP MILKWEED (ASCLEPIAS INCARNATA), FRINGED SEDGE (CAREX CRINITA), NEW YORK IRONWEED (VERNONIA NOVEBORACENSIS), SOFT RUSH (JUNCUS EFFUSUS), STARVED/CALICO ASTER (ASTER LATERIFLORUS), BLUE FLAG (IRIS VERSICOLOR), AMERICAN MANNAGRASS (GLYCERHIZA GRANDIS), SQUARE STEMMED MONKEY FLOWER (MIMULUS RINGENS), SPOTTED JOE PYE WEED (EUPATORIUM MACULATUM).

### 2 WETMIX SEED MIX SPECIFICATIONS

CUSTOM SEED MIX AS PREPARED BY:

NEW ENGLAND WETLAND PLANTS, INC.  
 820 WEST STREET, AMHERST, MA 01002  
 PHONE: 413-548-8000  
 EMAIL: INFO@NEWP.COM  
 WEBSITE: WWW.NEWP.COM

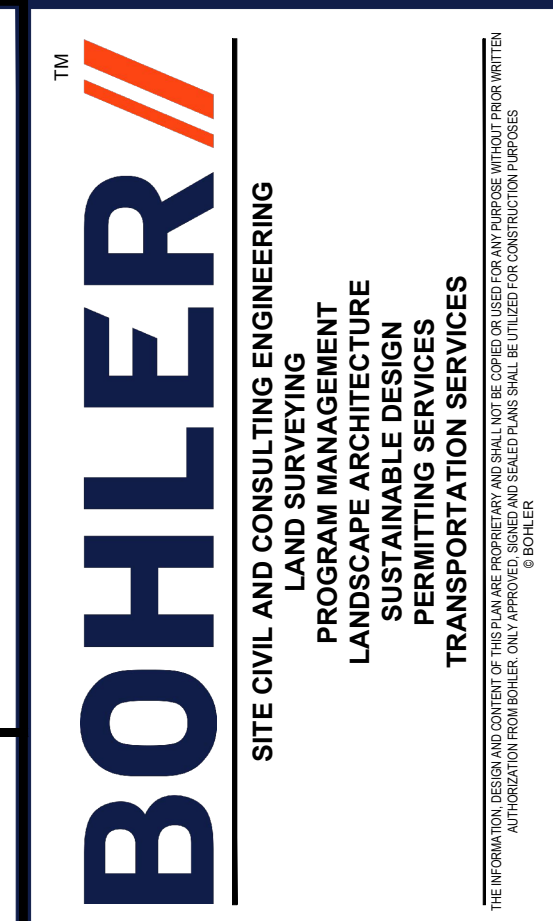
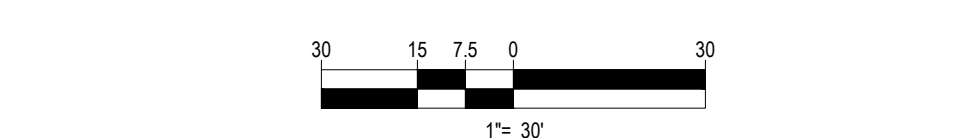
APPLICATION RATE: 18LBS/ACRE | 2500SQ FT/LBMINIMUM ORDER: BULK

SPECIES: SHOWY GOLDENROD (SOLIDAGO SPECIOSA), ROSEY SEDGE (CAREX ROSEA), PENNSYLVANIA SEDGE (CAREX PENNSYLVANICA), VIRGINIA WILD RYE (ELYMUS VIRGINICUS), CANADA WILD RYE (ELYMUS CANADENSIS), RED FESCUE (FESTUCA RUBRA), PARTRIDGE PEA (CHAMAECRISTA FASCICULATA), SPIKED GAYFATHER/MARSH BLAZING STAR (LAIETIS SPICATA), SENSITIVE FERN (CONOCLEA SENSIBILIS), ZIGZAG ASTER (ASTER PRENANTHOIDES), HOLLOW-STEM JOE PYE WEED (EUPATORIUM FISTULOSUM), BONESET (EUPATORIUM PERFOLIATUM), JUNCUS TENUIS (PATH RUSH), CANADIAN WILD GINGER (ASARUM CANADENSE), LADY'S MANTLE (ALCHEMILLA)

### 3 CUSTOM SEED MIX SPECIFICATIONS

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REFER LANDSCAPE NOTES & DETAILS SHEET FOR LANDSCAPE NOTES AND DETAILS



#### REVISIONS

REV	DATE	COMMENT	DRAWN BY
1	08/21/2023	REVISED BUILDING DESIGN	DT, JK
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4	04/01/2024	RESPONSE TO COMMENTS	DT, JK
5	7/18/2024	RESPONSE TO COMMENTS	DT, JK



### PERMIT SET

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PROJECT No.: MAB220089.00  
 DRAWN BY: DT, MB, JK  
 CHECKED BY: JE  
 DATE: 03/01/2023  
 CAD ID: MAB220089.00-X-TTLB-LSCP

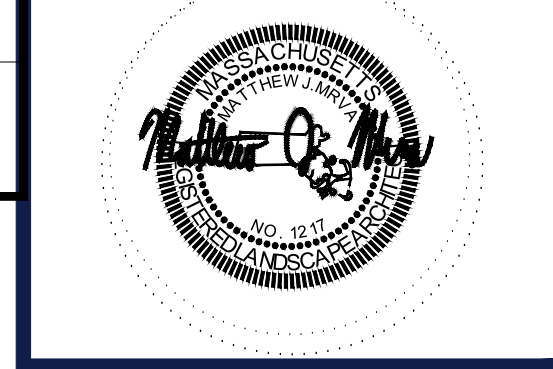
### ZONING BOARD OF APPEALS / COMPREHENSIVE PERMIT APPLICATION FOR

### TOLL BROTHERS, INC

PROPOSED RESIDENTIAL DEVELOPMENT  
 528 BOYLSTON STREET  
 CITY OF NEWTON  
 MIDDLESEX COUNTY, MA



45 FRANKLIN STREET, 5th FLOOR  
 BOSTON, MA 02110  
 Phone: (617) 849-8040  
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### RIVERFRONT AREA MITIGATION PLAN

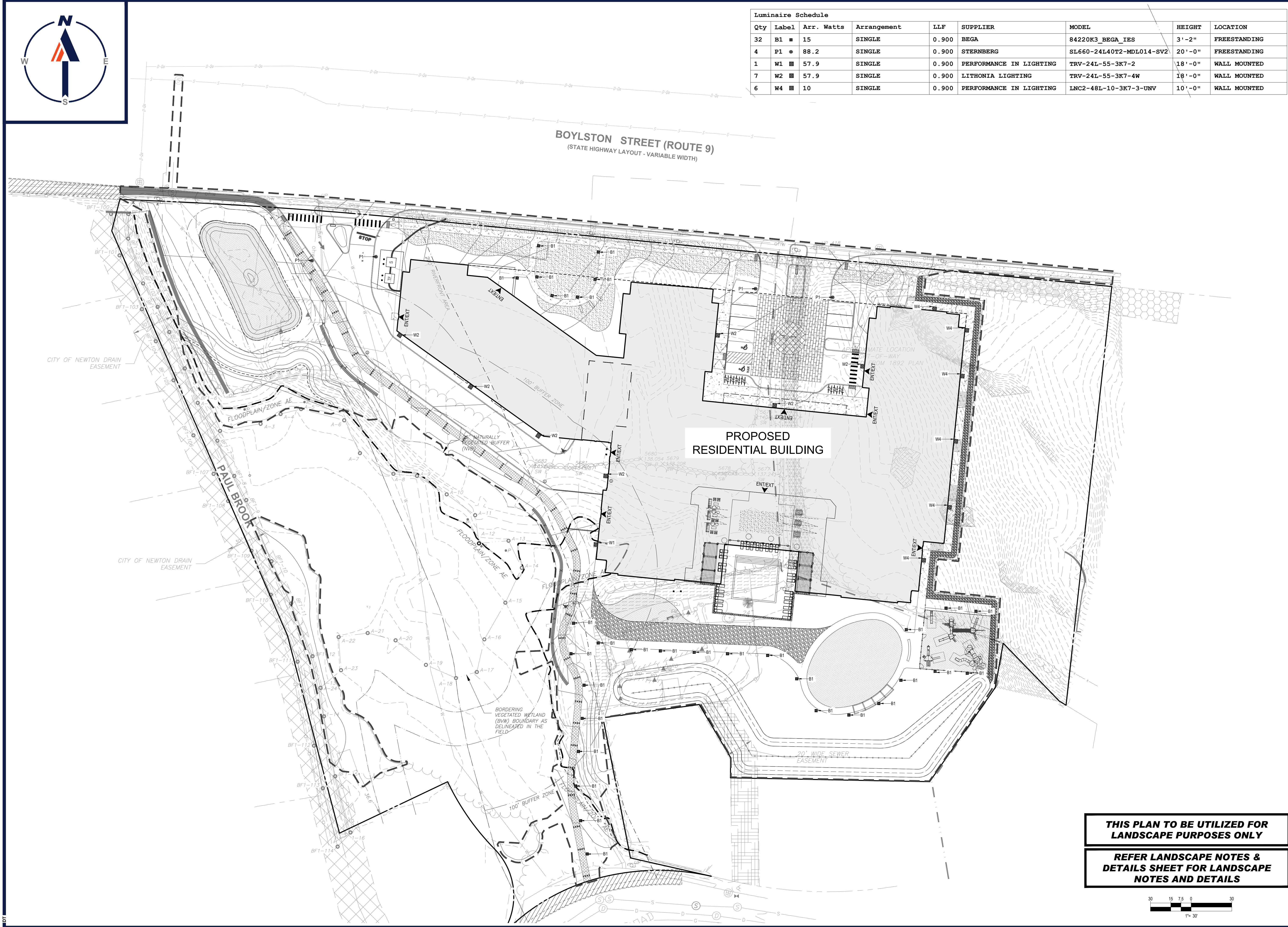
SHEET NUMBER: L-450

REVISION 5 - 7/18/2024

BOHLER ENGINEERING, INC. PROJECT: 2022089.00 - RIVERFRONT MITIGATION PLAN SHEET: L-450 - RIVERFRONT MITIGATION



Qty	Label	Arr. Watts	Arrangement	LLF	SUPPLIER	MODEL	HEIGHT	LOCATION
32	B1 ■	15	SINGLE	0.900	BEGA	84220K3_BEGA_IES	3'-2"	FREESTANDING
4	P1 ●	88.2	SINGLE	0.900	STERNBERG	SL660-24L40T2-MDL014-SV2	20'-0"	FREESTANDING
1	W1 ■	57.9	SINGLE	0.900	PERFORMANCE IN LIGHTING	TRV-24L-55-3K7-2	18'-0"	WALL MOUNTED
7	W2 ■	57.9	SINGLE	0.900	LITHONIA LIGHTING	TRV-24L-55-3K7-4W	18'-0"	WALL MOUNTED
6	W4 ■	10	SINGLE	0.900	PERFORMANCE IN LIGHTING	LNC2-48L-10-3K7-3-UNV	10'-0"	WALL MOUNTED



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 TRANSPORTATION SERVICES

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5	7/18/2024	RESPONSE TO COMMENTS	DT, JK

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 CAD ID: MAB220089.00-X-TTLB-LSCP

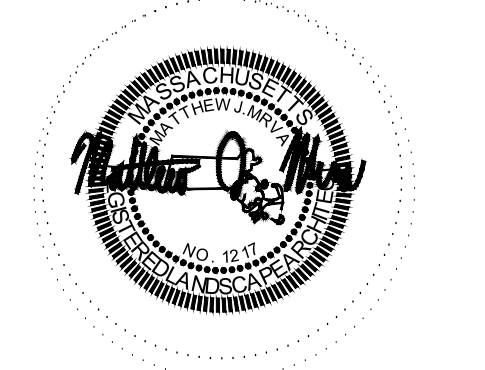
**ZONING BOARD OF APPEALS / COMPREHENSIVE PERMIT APPLICATION**

**TOLL BROTHERS, INC**

PROPOSED RESIDENTIAL DEVELOPMENT  
 528 BOYLSTON STREET  
 CITY OF NEWTON  
 MIDDLESEX COUNTY, MA

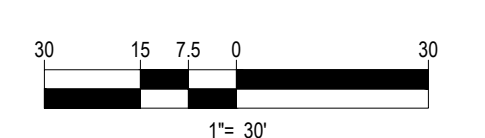
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 BOSTON, MA 02110  
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**REFER LANDSCAPE NOTES & DETAILS SHEET FOR LANDSCAPE NOTES AND DETAILS**



SHEET TITLE:  
**LIGHTING FIXTURE PLAN**

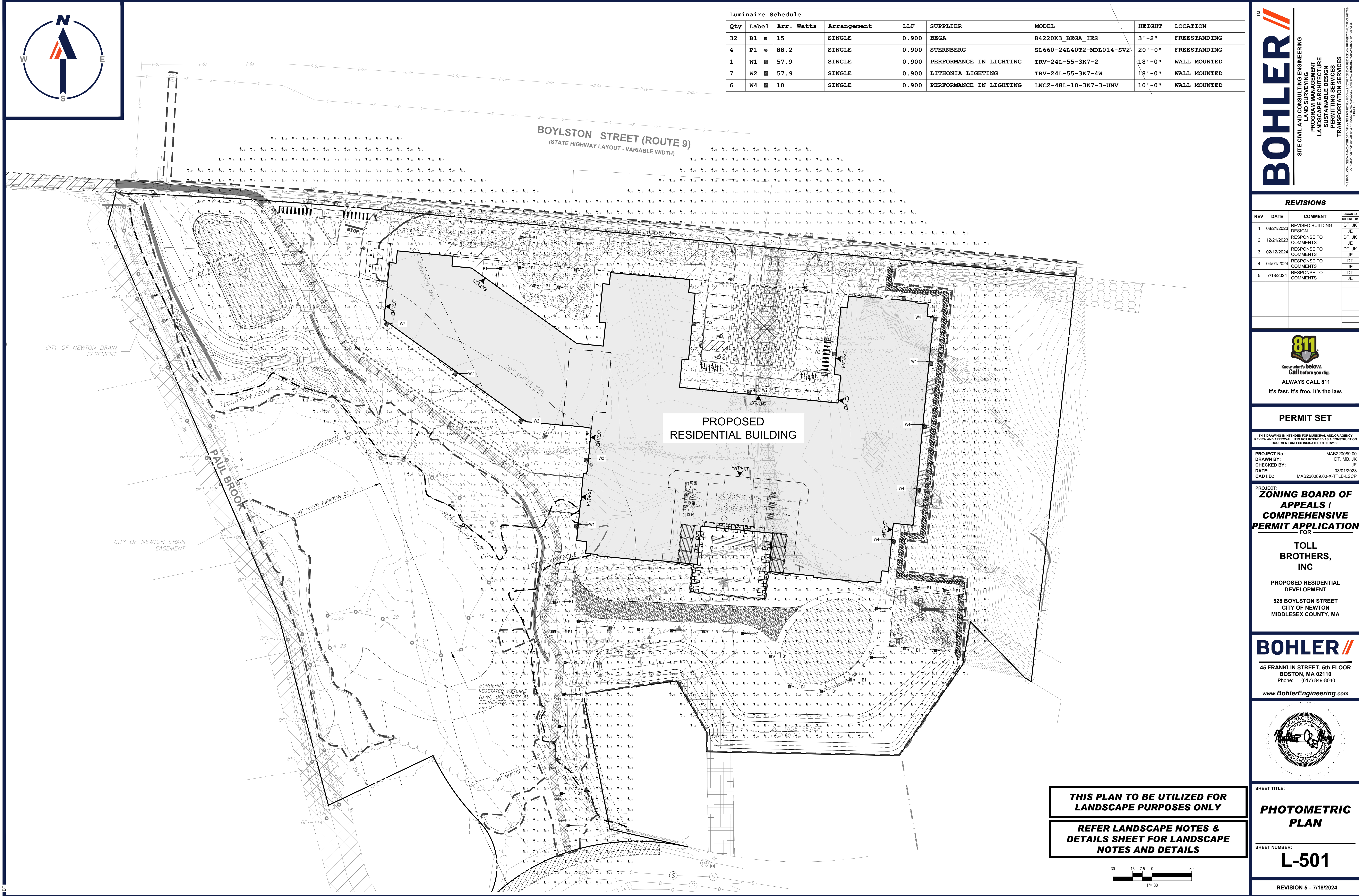
SHEET NUMBER:  
**L-500**

REVISION 5 - 7/18/2024

\BOHLER\ENG\NET\SHARES\MA\PROJECTS\2022\MAB220089\2022\CADD\DRAWINGS\PLAN SETS\500 SITE PLANS\500 LAYOUTS\500 LAYOUTS\L-500 LIGHTING.DWG



Qty	Label	Arr. Watts	Arrangement	LLF	SUPPLIER	MODEL	HEIGHT	LOCATION
32	B1	15	SINGLE	0.900	BEGA	84220K3_BEGA_IES	3'-2"	FREESTANDING
4	P1	88.2	SINGLE	0.900	STERNBERG	SL660-24L40T2-MDL014-SV2	20'-0"	FREESTANDING
1	W1	57.9	SINGLE	0.900	PERFORMANCE IN LIGHTING	TRV-24L-55-3K7-2	18'-0"	WALL MOUNTED
7	W2	57.9	SINGLE	0.900	LITHONIA LIGHTING	TRV-24L-55-3K7-4W	18'-0"	WALL MOUNTED
6	W4	10	SINGLE	0.900	PERFORMANCE IN LIGHTING	LNC2-48L-10-3K7-3-UNV	10'-0"	WALL MOUNTED



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 TRANSPORTATION SERVICES

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5	7/18/2024	RESPONSE TO COMMENTS	DT, JK

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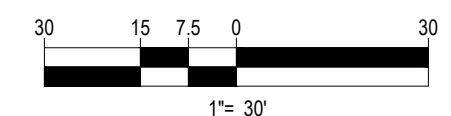
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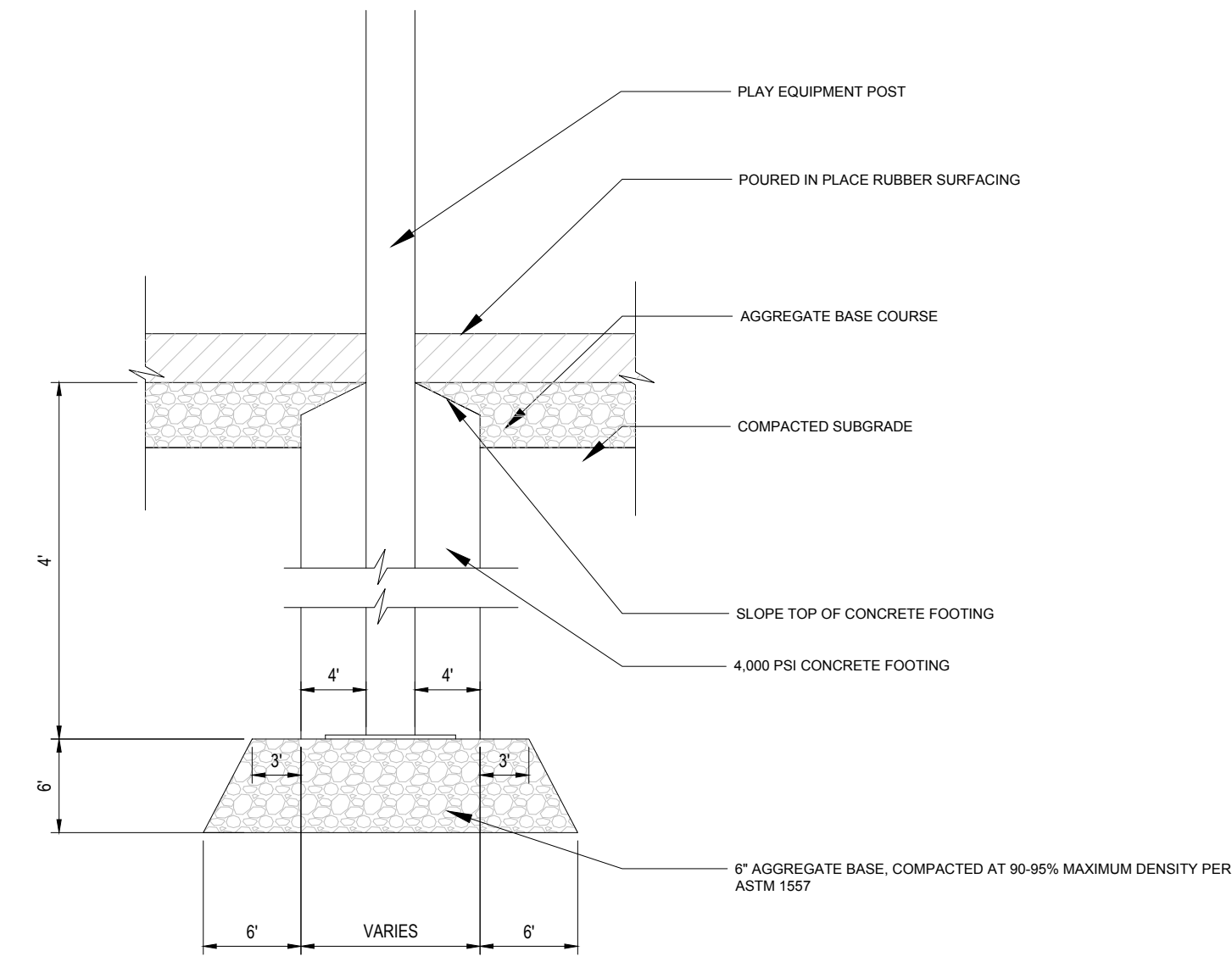
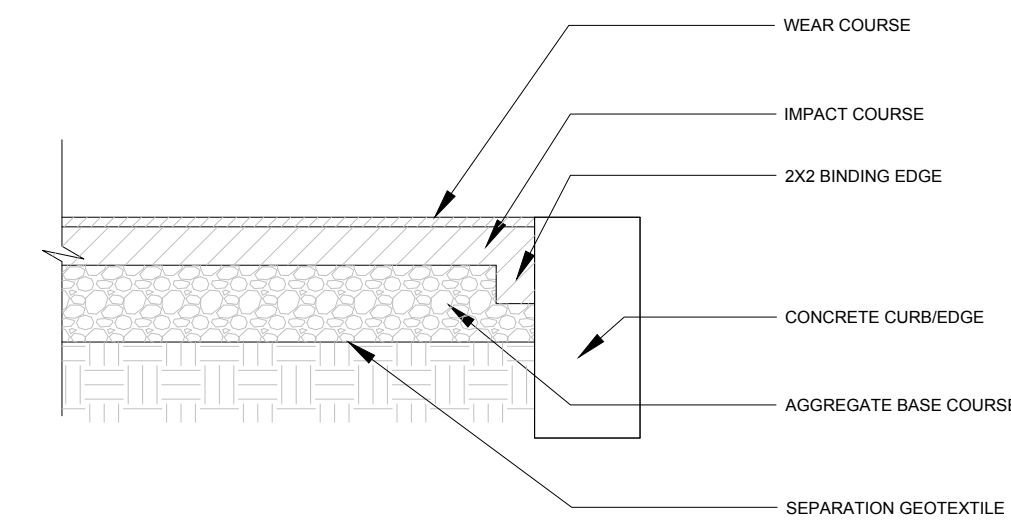
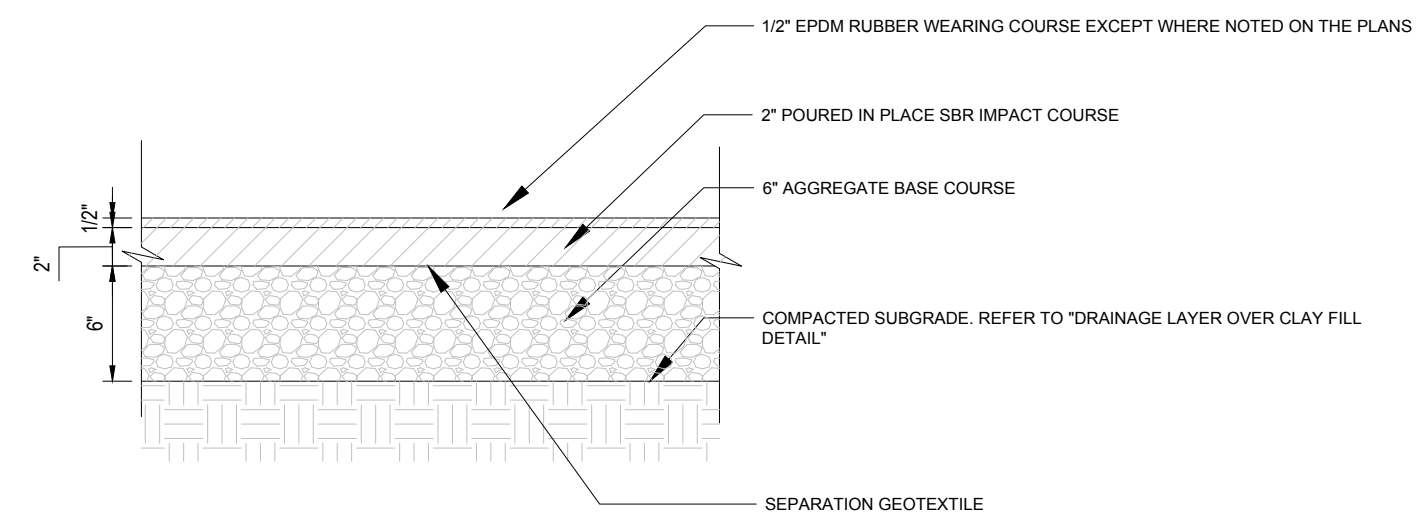
SHEET TITLE:  
**PHOTOMETRIC PLAN**  
 SHEET NUMBER:  
**L-501**  
 REVISION 5 - 7/18/2024



BOHLER ENGINEERING, INC. PROJECT: 2022089.00 - LAYOUT - L-501 PHOTOMETRICS

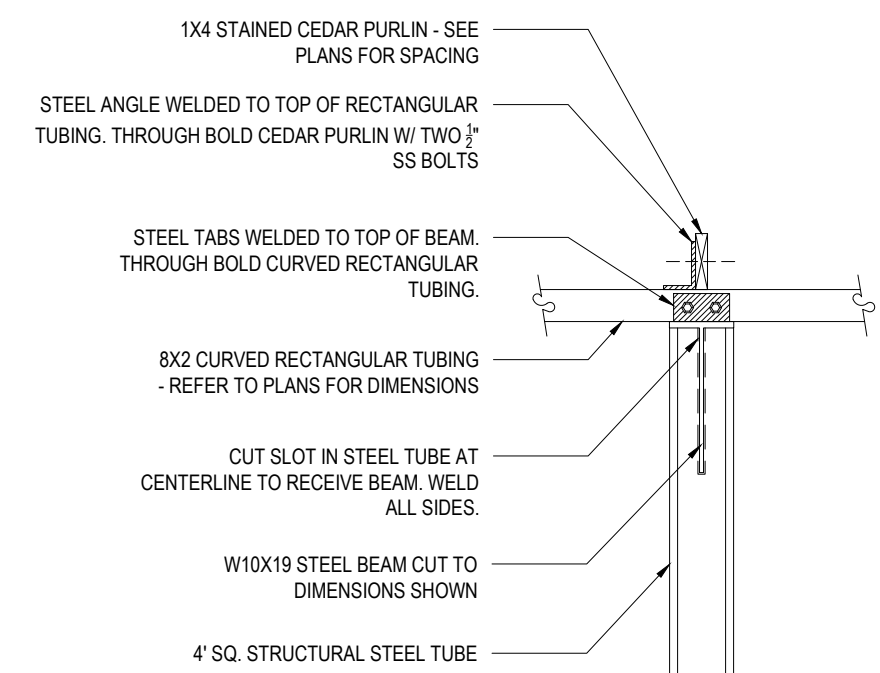
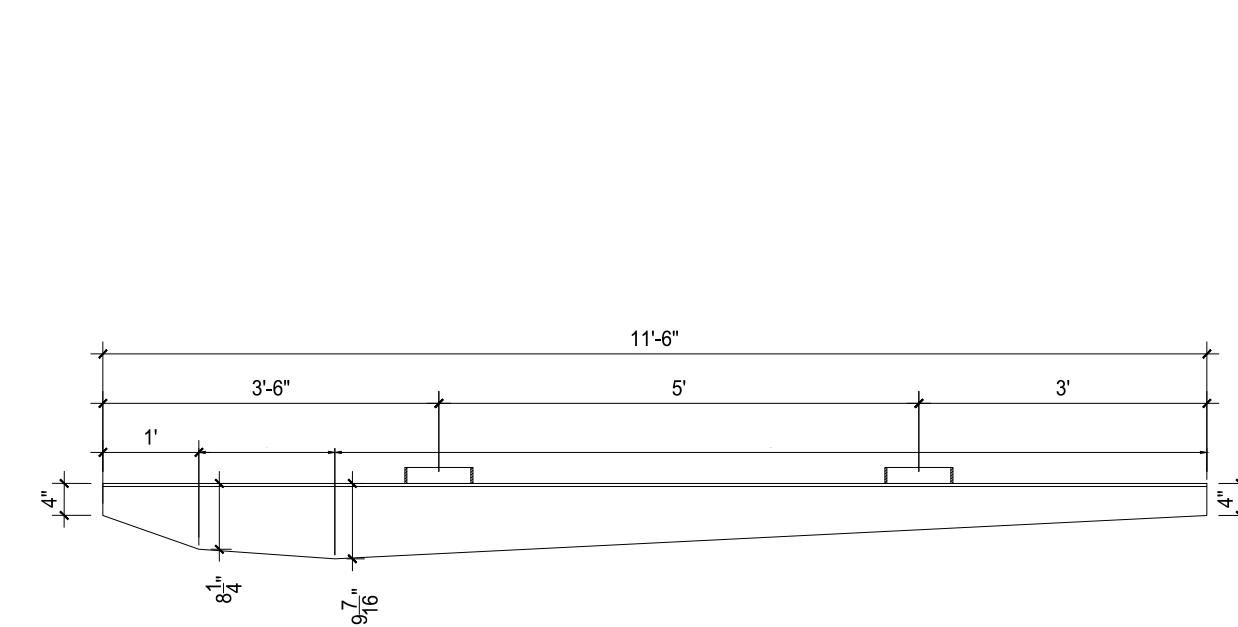




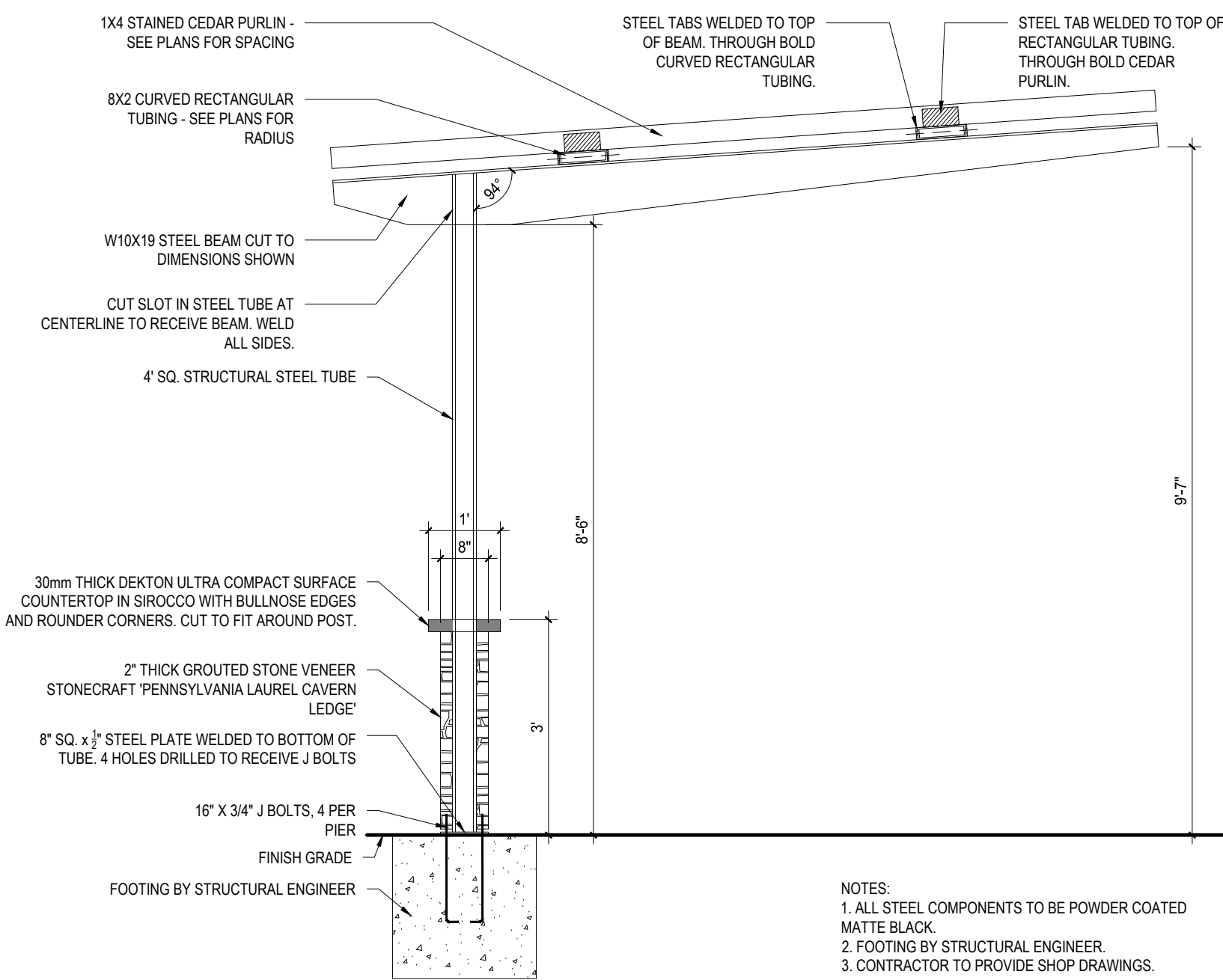


**RUBBERIZED PLAY SURFACE AT PLAYGROUND**

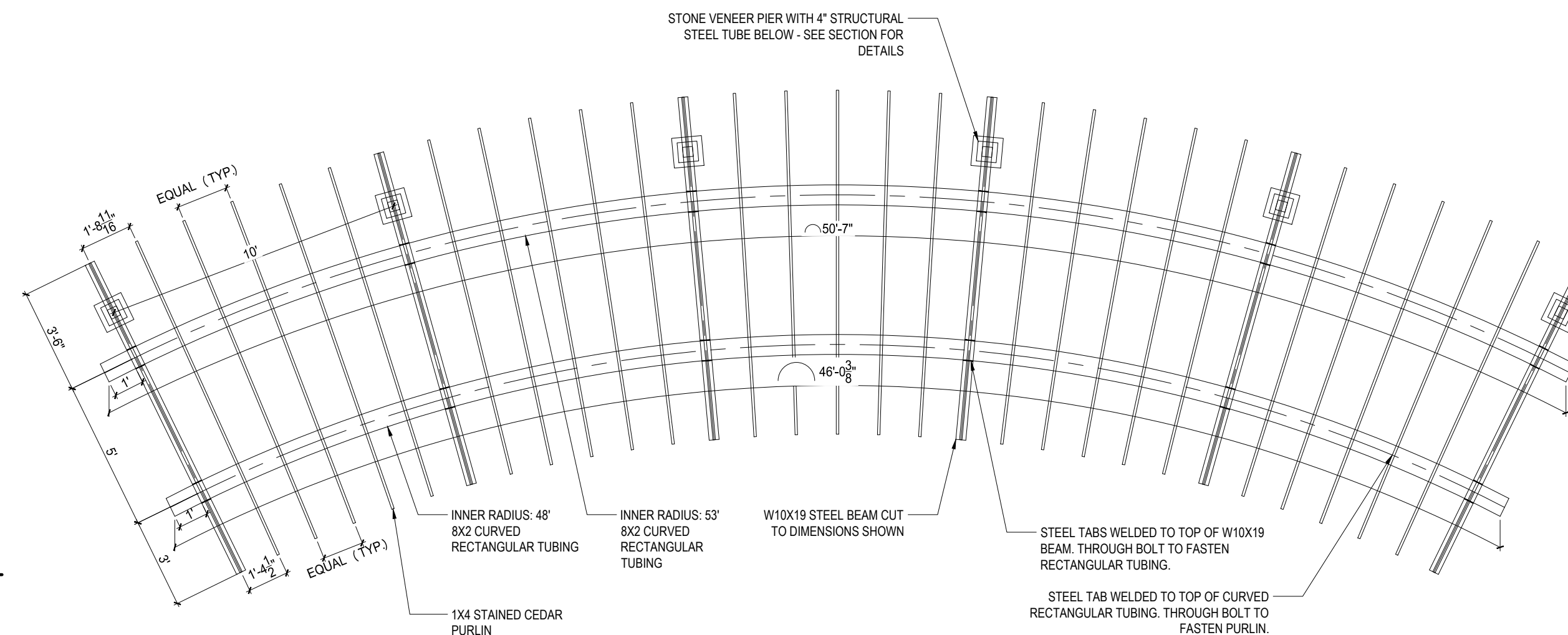
N.T.S.



**CONNECTION DETAIL**  
1" = 1'-0"



NOTES:  
1. ALL STEEL COMPONENTS TO BE POWDER COATED MATTE BLACK.  
2. FOOTING BY STRUCTURAL ENGINEER.  
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS.

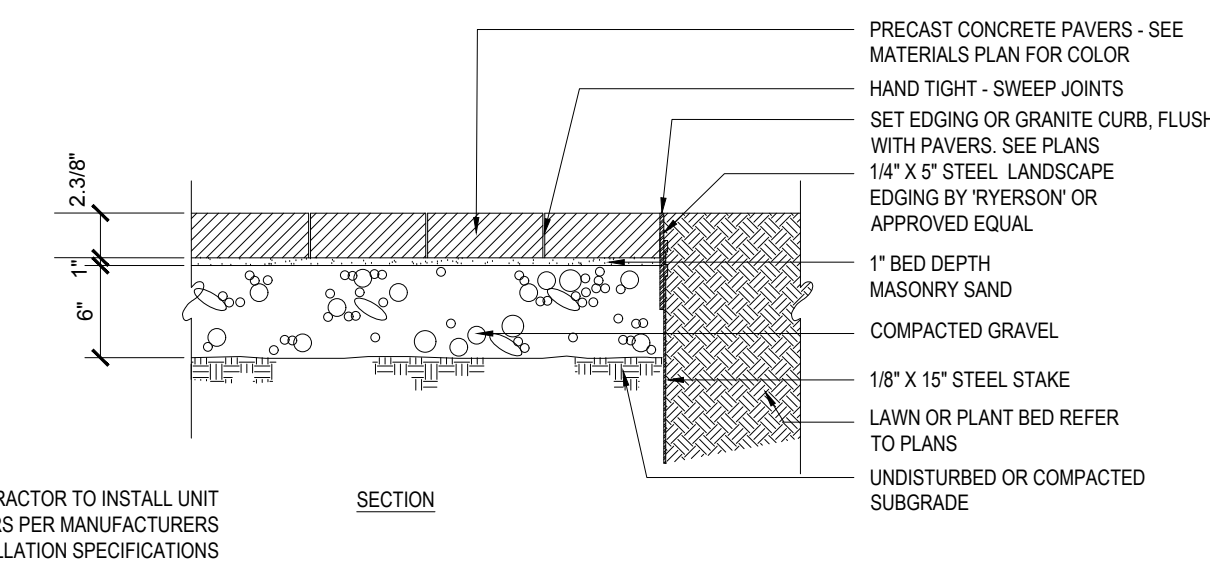


NOTES:  
1. ALL STEEL MEMBERS TO BE POWDER COATED MATTE BLACK.  
2. FOOTING BY STRUCTURAL ENGINEER.  
3. CONTRACTOR TO PROVIDE SHOP DRAWING.

**LAYOUT PLAN**  
1/4" = 1'-0"

**CANTILEVERED STEEL TRELLIS**

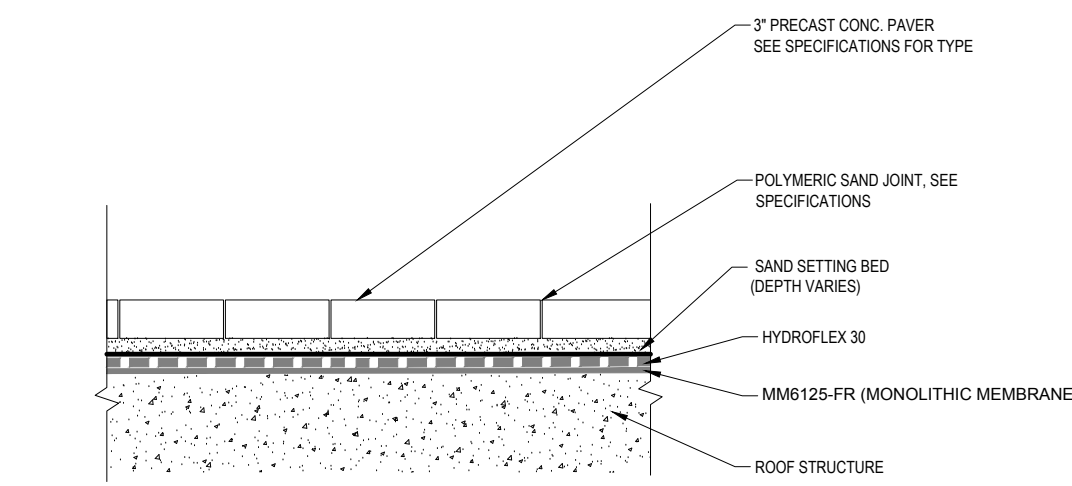
N.T.S.



NOTES:  
1. CONTRACTOR TO INSTALL UNIT PAVERS PER MANUFACTURERS INSTALLATION SPECIFICATIONS

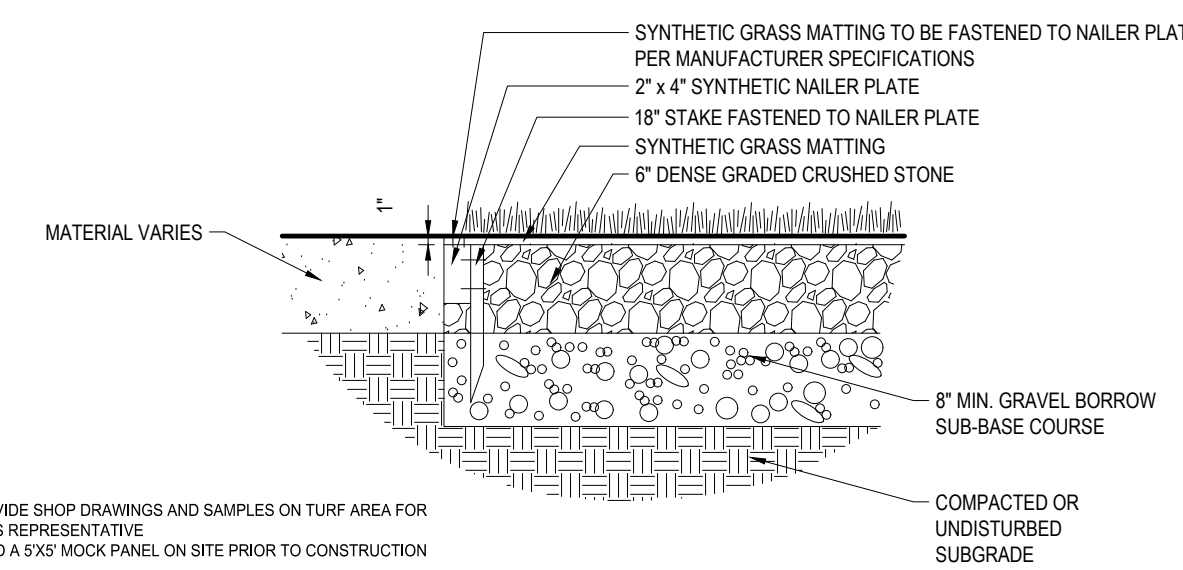
**CONCRETE PAVERS ON GRADE**

N.T.S.



**CONCRETE PAVERS ON STRUCTURE**

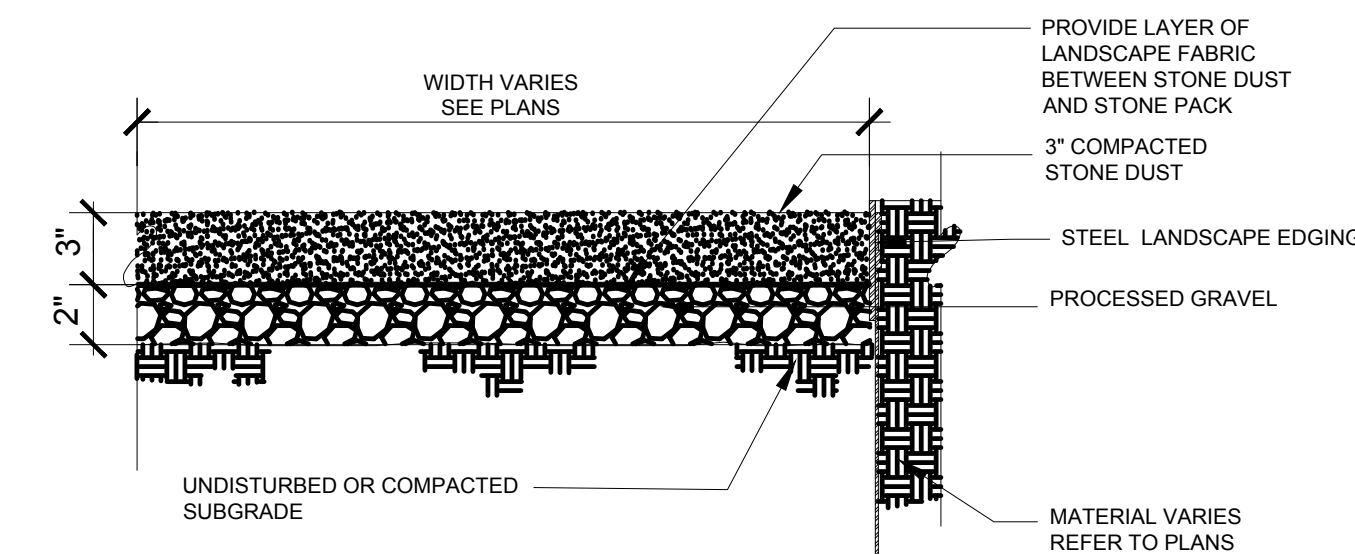
N.T.S.



NOTES:  
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SAMPLES ON TURF AREA FOR APPROVAL BY OWNERS REPRESENTATIVE.  
2. CONTRACTOR TO BUILD A 1'x2' WOOD PANEL ON SITE PRIOR TO CONSTRUCTION.

**SYNTHETIC TURF**

N.T.S.



**STABILIZED STONE DUST**

N.T.S.

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DRAWN BY: DT, MB, JK  
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CAD ID: MAB220089.00-X-TTLB-LSCP

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PROPOSED RESIDENTIAL DEVELOPMENT  
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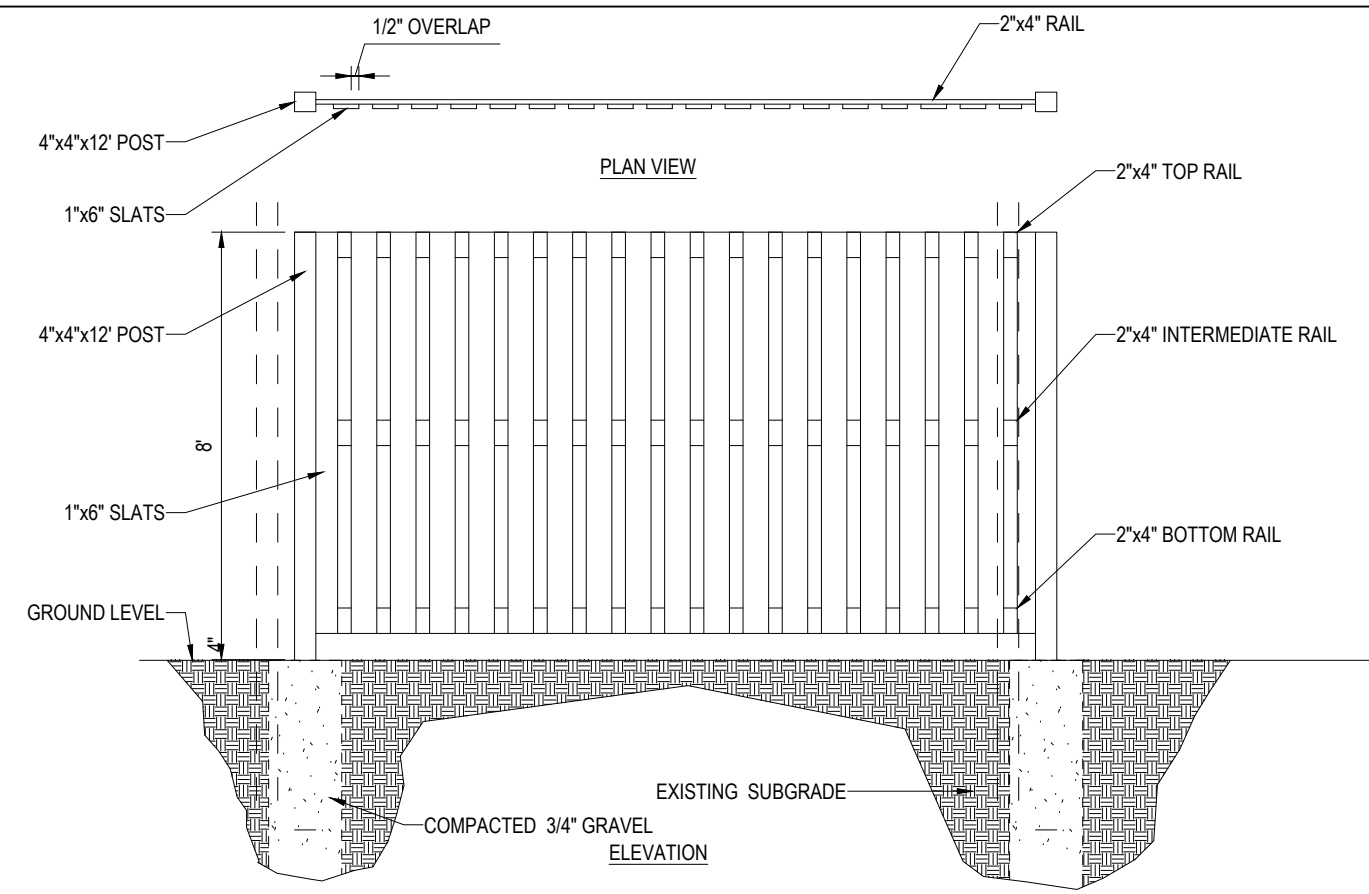


SHEET TITLE:  
**LANDSCAPE DETAILS**

SHEET NUMBER:  
**L-601**

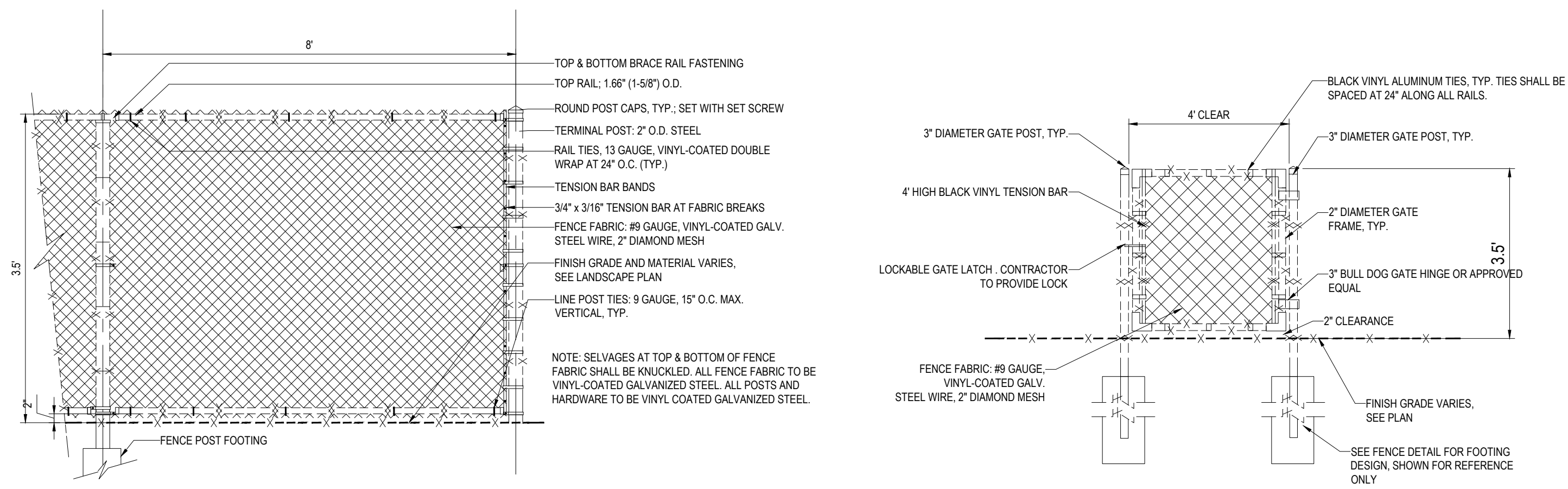
REVISION 5 - 7/18/2024

I:\BOHLER\NET\SHARES\MA\PROJECTS\2022\MAB220089.00\CADD\DRAWINGS\PLAN SETS\REVISED\1-01 LAYOUT.L-601 LANDSCAPE DETAILS.DWG



**8' HIGH VINYL FENCE**

NOT TO SCALE (S080101-01/2013)



NOTE: SELVAGES AT TOP & BOTTOM OF FENCE FABRIC SHALL BE KNUCKLED. ALL FENCE FABRIC TO BE VINYL-COATED GALVANIZED STEEL AS PER SPEC. ALL POSTS AND HARDWARE TO BE VINYL-COATED GALV. STEEL AS PER SPEC.

CONTRACTOR TO SUPPLY SHOP DRAWINGS AND SAMPLES OF ALL FENCE COMPONENTS TO BE APPROVED BY OWNER

**CHAIN LINK FENCE AT LEDGE**

NOT TO SCALE (S080101-01/2013)

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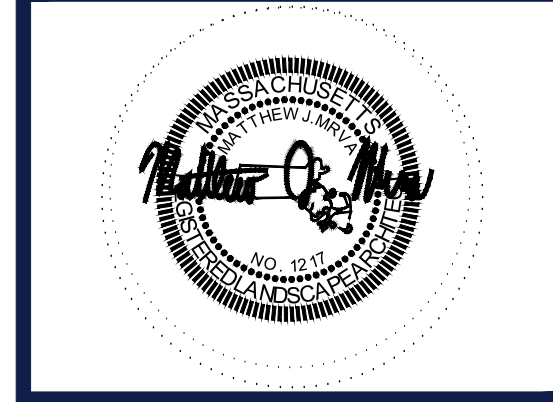
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SHEET TITLE:  
**LANDSCAPE DETAILS**

SHEET NUMBER:  
**L-602**

REVISION 5 - 7/18/2024

180H0LERENG-NETISHARES\MA-PROJECTS\2022\MAB220089-00\CAD\DRAWINGS\PLAN SETS\DEVIL SITE PLAN\MAB220089-00-LSCP-1C-LAYOUT-L-602 LANDSCAPE DETAILS