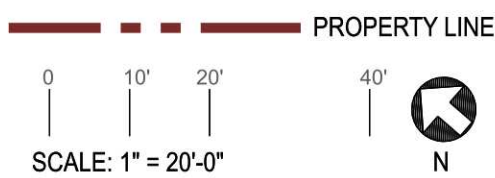




FOR COORDINATION PURPOSES  
NOT FOR CONSTRUCTION



| Revisions |  | Issue Date |  | Description |  |
|-----------|--|------------|--|-------------|--|
|           |  |            |  |             |  |
|           |  |            |  |             |  |
|           |  |            |  |             |  |
|           |  |            |  |             |  |

| LANDSCAPE MATERIALS PLAN |                  |                     |
|--------------------------|------------------|---------------------|
| Scale: 1" = 20'-0"       | Drawn By: TP     | Checked By: MH      |
| Date: 02/25/2022         | Date: 02/25/2022 | Project #: 23408.05 |

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ILLUSTRATIVE  
CONCEPT PLAN

**L0.00**



\\bsc\bsc\bsc\Projects-BOS\23408051\LandscapeDrawings\2340805-DET.dwg

EXAMINATION OF CONDITIONS AND GENERAL NOTES:

- LOCATIONS OF UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WITH UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. IN ACCORDANCE WITH M.G.L., CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS, CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING PRIOR TO SUCH EXCAVATION. CONTRACTOR SHALL ALSO CALL "DIG SAFE" AT 1(888)344-7233 NO LEES THAN 72 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO PROJECT REPRESENTATIVE PRIOR TO EXCAVATION WORK.
- THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION AND INVERTS AS REQUIRED.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA REGULATIONS AND LOCAL AND STATE REQUIREMENTS.

SITE PREPARATION AND DEMOLITION

- AREAS OUTSIDE THE LIMIT OF WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. AREAS DISTURBED DURING CONSTRUCTION NOT COVERED WITH BUILDINGS, STRUCTURES OR PAVEMENTS SHALL RECEIVE SIX INCHES OF LOAM AND SEED, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO EARTHWORK OPERATIONS AND MAINTAIN EROSION CONTROL MEASURES AND SEEDED EMBANKMENTS DURING CONSTRUCTION. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH EPA'S NPDES PERMITTING FOR CONSTRUCTION ACTIVITIES.
- A PRE-CONSTRUCTION MEETING IS REQUIRED WITH APPLICABLE CITY DEPARTMENTS AND/OR OTHER AGENCIES PRIOR TO THE COMMENCEMENT OF SITE WORK.
- REMOVE AND DISPOSE OF CONCRETE FOUNDATIONS AND FOOTINGS AS NOTED ON PLANS. MATERIALS ARE TO BE DISPOSED OF PER APPLICABLE LAWS AND REGULATIONS.
- WHERE EXISTING PAVEMENTS TO REMAIN MEET NEW PAVEMENTS, CONTRACTOR TO SAWCUT EXISTING PAVEMENTS IN A STRAIGHT LINE (PARALLEL OR PERPENDICULAR TO ADJACENT SITE ELEMENTS AS DIRECTED BY ENGINEER) IN ORDER TO PROVIDE CLEAN CONNECTIONS TO NEW PAVEMENTS.

LAYOUT AND MATERIAL NOTES

- THIS DRAWING IS INTENDED TO DEPICT THE LOCATION, LAYOUT, AND MATERIALS OF CONSTRUCTION AND IS INTENDED TO BE USED IN CONJUNCTION WITH APPLICABLE SPECIFICATION SECTIONS.
- IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- UNLESS OTHERWISE INDICATED, DISTURBED AREAS SHALL BE RESTORED WITH FOUR (4) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.
- CONSTRUCTION AND CONTROL JOINTS: SIDEWALK REINFORCEMENT SHALL NOT CONTINUE THROUGH CONSTRUCTION JOINTS. AT CONTROL JOINTS, CUT REINFORCEMENT WIRES.
- PRIOR TO INITIATION OF CONCRETE FLATWORK, SUBMIT PROPOSED CONSTRUCTION JOINT PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL. COORDINATE SUCH PLAN WITH THE JOINT PATTERNS DEPICTED ON THE DRAWINGS.
- UNLESS OTHERWISE SPECIFIED, MISCELLANEOUS CONCRETE PADS SHALL BE CONSTRUCTED PER SIDEWALK DETAIL.
- THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- USE ONE SINGLE BENCHMARK FOR WORK.
- DIMENSIONS INDICATED ARE TO FACE OF CURB, PAVEMENT EDGE, EDGE OR CENTERLINE OF IMPROVEMENT, OR AS OTHERWISE NOTED.
- ENGAGE A MASSACHUSETTS LICENSED LAND SURVEYOR TO PERFORM LAND-SURVEYING SERVICES REQUIRED, INCLUDING, BUT NOT LIMITED TO VERIFICATION AND LAYOUT OF BASELINES, PROPOSED IMPROVEMENTS, DIMENSIONS AND ELEVATIONS. REPORT DISCREPANCIES TO THE ENGINEER.
- PROVIDE FOR THE LAYOUT AND STAKING/MARKING OF THE PROPOSED LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING FURNISHINGS. OBTAIN ENGINEER'S APPROVAL OF THE LAYOUT PRIOR TO PROCEEDING WITH THE WORK.
- UNLESS OTHERWISE INDICATED, LINES ARE PARALLEL OR PERPENDICULAR TO LINE FROM WHICH THEY ARE MEASURED.
- PROVIDE SLEEVES AT CURBS, WALLS, FOUNDATIONS FOR ALL UTILITY LINE CONNECTIONS.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE INSIDE OR OUTSIDE OF THE PROPERTY LINE AND LIMIT OF WORK DUE TO THEIR CONSTRUCTION OPERATIONS.

ABBREVIATIONS:

|        |                        |
|--------|------------------------|
| CL     | CENTERLINE             |
| BC     | BOTTOM OF CURB         |
| DIA    | DIAMETER               |
| EX.    | EXISTING               |
| FC     | FLUSH CURB             |
| CONC.  | CONCRETE               |
| Ø      | DIAMETER               |
| MAX.   | MAXIMUM                |
| MIN.   | MINIMUM                |
| O.C.   | ON CENTER              |
| PSI    | POUNDS PER SQUARE INCH |
| TC     | TOP OF CURB            |
| TYP.   | TYPICAL                |
| V.I.F. | VERIFY IN FIELD        |

PLANTING NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR JUDGING THE FULL EXTENT OF WORK REQUIREMENTS INVOLVED. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: TRANSPORTATION, PURCHASE, TEMPORARY STORAGE AND MAINTENANCE OF PLANTS; PLANT RE-HANDLING PRIOR TO FINAL INSTALLATION; REMOVAL AND OFF-SITE DISPOSAL OF EXISTING LOAM DETERMINED BY THE ENGINEER TO BE UNACCEPTABLE; PURCHASE, TRANSPORT, AND SUPPLY OF LOAM.
- VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE OWNER OR HIS REPRESENTATIVE.
- TREE LOCATIONS SHOWN ARE APPROXIMATE AND SHOW DESIGN INTENT ONLY. TREE LOCATIONS TO BE COORDINATED IN THE FIELD WITH LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- PLANT MATERIALS SHALL BEAR SAME RELATIONSHIP TO GRADE AS THEY BORE TO GRADE IN THE NURSERY.
- ALL TREES NOTED FOR CLEARING AND SELECTIVE PRUNING AND THINNING SHALL BE EXECUTED BY A LICENSED ARBORIST.
- THE CONTRACTOR SHALL CLEARLY MARK LIMITS OF CLEARING AND LIMITS OF SELECTIVE PRUNING AND THINNING, FOR REVIEW BY THE A/E PRIOR TO ANY CLEARING OPERATIONS.
- THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT EXISTING VEGETATION THAT IS TAGGED BY THE A/E, "TO BE SAVED".
- ALL TREES TO BE SAVED SHALL BE PROTECTED WITH A RIGID FENCE AND HAY BALES CIRCLING THE TREE AT A MINIMUM DISTANCE OF 1/2 THE CANOPY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- THE A/E RESERVES THE RIGHT TO ADJUST FINAL GRADES IN THE FIELD TO SAVE EXISTING VEGETATION.
- LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE INDICATED.
- CAUTION SHALL BE USED NOT TO EXTEND MULCH LAYER ABOVE SOIL LEVEL AT TRUNKS/STEMS OF INSTALLED PLANT MATERIAL.
- PROVIDE FIVE (5) FOOT DIAMETER MULCH CIRCLE AROUND ALL INDIVIDUAL TREE PLANTINGS AND CONTINUOUS MULCH BED AROUND SHRUB PLANTINGS.
- THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL AND PRODUCTIVE TOPSOIL OF GOOD CLAY-LOAM TYPE. IT SHALL BE FREE OF WEED SEEDS. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND SHALL BE REASONABLY FREE OF STONES, LUMPS, ROOTS, STICKS AND OTHER FOREIGN MATTER. TOPSOIL SHALL NOT BE WORKED OR APPLIED IN A MUDDY OR WET CONDITION.
- REMOVE ALL ROCKS AND DEBRIS FROM SOIL SURFACE AND GRADE TO AN EVEN SURFACE
- PROVIDE FERTILIZER OR OTHER SOIL AMENDMENTS AS DIRECTED BY THE LANDSCAPE ARCHITECT BASED UPON THE FINDINGS OF THE SOIL TEST REPORT.
- A/E TO SELECT AND INSPECT PLANT MATERIAL AT THE NURSERY AND AGAIN AT SITE PRIOR TO PLANTING.
- ALL PLANTS SHALL BE LEGIBLY TAGGED WITH THE BOTANICAL NAME. ONLY PLANT STOCK GROWN WITHIN HARDINESS ZONES 1 THROUGH 6A, AS ESTABLISHED BY THE USDA PLANT HARDINESS ZONE MAP, WILL BE ACCEPTED. THE CONTRACTOR'S SUPPLIERS MUST CERTIFY IN WRITING THAT THE STOCK HAS ACTUALLY BEEN GROWN UNDER ZONE 6A OR HARDIER CONDITIONS. PLANTS NOT CERTIFIED WILL NOT BE ACCEPTED.
- ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY IN GROWTH HABIT. PLANT SIZES, HABIT, ROOT BALLS, AND CONTAINERS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK (ASNS), STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) AS A MINIMUM REQUIREMENT FOR ACCEPTANCE.
- NO SUBSTITUTION OF PLANT MATERIAL WITHOUT WRITTEN ACCEPTANCE FROM THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL NOT PROPOSE NOR INSTALL INVASIVE PLANTS ON SITE.
- ALL PLANTS MUST BE MOVED WITH THE ROOT SYSTEMS IN SOIL. BALLED AND BURLAPPED PLANTS SHALL BE WRAPPED WITH UNTREATED 8 OUNCE BURLAP, FIRMLY HELD IN PLACE BY A STOUT CORD. WIRE CONTAINERS SHALL BE OF SUFFICIENT SIZE TO ALLOW ROOT DEVELOPMENT FOR THE PLANT SIZE, PER ASNS REQUIREMENTS. PLANTS PREPARED WITH PLASTIC OR OTHER NON-BIODEGRADABLE WRAPPINGS WILL NOT BE ACCEPTED. ROOT BALLS SHALL REMAIN INTACT DURING ALL OPERATIONS. NO PLANT WILL BE ACCEPTED IF THE ROOT BALL HAS BEEN BADLY CRACKED OR BROKEN PRIOR TO, OR DURING, THE PROCESS OF PLANTING. ROOT BALLS SHALL BE MOIST UPON ARRIVAL AND SHALL BE KEPT MOIST UNTIL INSTALLATION. ALL BALLED AND BURLAPPED PLANTS THAT CANNOT BE PLANTED AT ONCE MUST BE HEELED IN BY SETTING THEM IN THE GROUND, COVERING THE ROOT BALLS WITH SOIL, AND WATERING THEM ADEQUATELY.
- EACH PLANT SHALL HAVE PLENTY OF FIBROUS ROOTS, HEALTHY BUDS, AND SHALL BE FREE OF DISEASE OR INSECT PESTS, EGGS OR LARVAE. ALL PLANT PARTS SHALL SHOW ACTIVE GREEN CAMBIUM WHEN CUT. THEY SHALL BE DENSELY FOLIATED WHEN IN LEAF.
- THE TRUNK OF EACH TREE SHALL BE FREE FROM SUN SCALD, FROST CRACKS, OR WOUNDS RESULTING FROM ABRASIONS, FIRE OR OTHER CAUSES. PRUNING WOUNDS SHALL BE NO LARGER THAN 2 INCHES AND SHALL SHOW VIGOROUS SCAR TISSUE. NO TREES WITH DOUBLE LEADERS OR TWIN HEADS WILL BE ACCEPTABLE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. NO PLANT MATERIAL FROM COLD STORAGE WILL BE ACCEPTED. IN REGARDS TO SHRUBS, NO SINGLE STEMMED OR THIN PLANTS WILL BE ACCEPTED. THE SIDE BRANCHES MUST BE GENEROUS AND WELL TWIGGED, AND THE PLANT AS A WHOLE MUST BE WELL BRANCHED TO THE GROUND. THE PLANTS MUST BE IN A VIGOROUS CONDITION, FREE FROM DEAD WOOD, BRUISES OR OTHER ROOT OR BRANCH INJURIES.
- PLANTING SOIL MIX: PLANTING SOIL FOR BACKFILL SHALL BE A MIXTURE OF APPROVED LOAM AND SOIL AMENDMENTS. MIXED MATERIAL SHALL BE PH TESTED BY THE CONTRACTOR IN THE PRESENCE OF THE ENGINEER, AND ADJUSTED ACCORDING TO PARTICULAR PLANTING APPLICATIONS, USING LIME OR SULFUR AS REQUIRED. FOR PLANTS THAT REQUIRE AN ACID SOIL, SUCH AS ERICACEOUS PLANTS AND BROAD-LEAVED EVERGREENS, PLANTING SOIL SHALL HAVE A TRUE PH OF 4.5 TO 5.5. PLANTING SOIL FOR ALL OTHER PLANTS SHALL HAVE A TRUE PH VALUE OF 6.0 TO 6.5. PROPOSED SOIL AMENDMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO APPLICATION.
- ~~BARK MULCH:~~ BARK MULCH SHALL BE SHREDDED COMPOSTED PINE BARK MULCH, AGED BETWEEN 6 MONTHS UP TO 2 YEARS. MULCH SHALL BE PARTIALLY DECOMPOSED AND DARK BROWN IN COLOR. THE MULCH SHALL BE DARK BROWN IN COLOR, 100% ORGANIC, FREE OF CHUNKS AND PIECES OF WOOD THICKER THAN ¼ INCHES AND SHALL NOT CONTAIN, IN THE JUDGEMENT OF THE ENGINEER, AN EXCESS OF FINE PARTICLES.
- WATER: THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THEIR OWN SUPPLY OF WATER TO THE SITE AT NO EXTRA COST TO THE PROJECT. ALL PLANTS INJURED OR DAMAGED DUE TO THE LACK OF WATER, OR DUE TO THE USE OF TOO MUCH WATER, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT. WATER SHALL BE FREE FROM IMPURITIES INJURIOUS TO VEGETATION. WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.
- TREE WATERING BAGS: WHEN REQUIRED, PROVIDE SLOW-RELEASE DRIP TREE BAG SUCH AS "TREE GATOR", "OOZE TUBE", "TREE CAMEL BAG" OR APPROVED EQUAL (14 GALLON MIN. CAPACITY). PROVIDE ONE BAG FOR EACH INSTALLED TREE (DECIDUOUS AND EVERGREENS). COST OF DRIP TREE BAG SHALL BE INCIDENTAL TO THE PLANTING PRICE. AFTER INITIAL INSTALLATION, TREES SHALL BE WATERED VIA SLOW-RELEASE WATERING BAGS FILLED TWICE WEEKLY. SLOW-RELEASE WATERING BAGS SHALL RELEASE CONTAINED WATER VOLUME IN NO LESS THAN 4 HOURS.
- SOIL MOISTURE MATS: WHEN REQUIRED, PROVIDE "TREEDIAPER" OR APPROVED EQUAL (36" DIAMETER PLASTIC FABRIC BAG CONTAINING POLYACRYLAMIDES WITH WATER STORAGE CAPACITY OF 15 GALLONS). COST OF SOIL MOISTURE MAT SHALL BE INCIDENTAL TO THE PLANTING PRICE.
- SOIL WETTING AGENT: SOIL WETTING AGENT SHALL BE A SYNTHETIC, NON-TOXIC ACRYLIC POLYACRYLAMIDE OR NATURAL SOLUBLE PLANT EXTRACT. APPLICATION RATES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- FUNGAL MYCORRHIZAE: EACH PLANT SHALL BE PLANTED WITH FUNGAL MYCORRHIZAE. MYCORRHIZAE SHALL INCLUDE AT LEAST THREE SPECIES OF VESICULAR ARBUSCULAR (ENDOMYCHORIZAL) FUNGI AS WELL AS ECTOMYCORRHIZAL FUNGI. MYCORRHIZAE SHALL BE SHIPPED IN INDIVIDUAL DOSAGE PACKETS.

MAINTENANCE PERIOD: 90 DAYS

- THE MAINTENANCE PERIOD SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE FOR A MINIMUM OF 90 DAYS FOLLOWING THE COMPLETION OF ALL PLANTING INSTALLATIONS, OR UNTIL THE CONDITIONAL ACCEPTANCE OF ALL PLANTING WORK, WHICHEVER IS A LONGER PERIOD OF TIME.
- AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR WILL REQUEST INSPECTION BY THE ENGINEER AT LEAST 10 DAYS BEFORE THE ANTICIPATED DATE OF INSPECTION.
- AT THE TIME OF INSPECTION, IF THE PLANT MATERIALS AND WORKMANSHIP ARE ACCEPTABLE TO THE ENGINEER, THE ENGINEER SHALL ISSUE A WRITTEN CERTIFICATE OF CONDITIONAL ACCEPTANCE TO THE CONTRACTOR. THE DATE OF THE INSPECTION SHALL ESTABLISH THE END OF THE MAINTENANCE PERIOD AND THE COMMENCEMENT OF THE REQUIRED ONE-YEAR ESTABLISHMENT PERIOD FOR PLANTING WORK.
- IF IN THE ENGINEER'S OPINION, PLANT MATERIALS AND/OR WORKMANSHIP IS DEFICIENT, ACCEPTANCE WILL NOT BE GRANTED, AND THE MAINTENANCE PERIOD FOR ALL THE PLANTS SHALL BE EXTENDED UNTIL PLANT REPLACEMENTS ARE MADE OR OTHER DEFICIENCIES ARE CORRECTED. ALL DEAD AND UNSATISFACTORY PLANTS WILL BE REMOVED PROMPTLY FROM THE PROJECT. REPLACEMENT PLANTS SHALL CONFORM IN ALL RESPECTS TO THE SPECIFICATIONS FOR THE ORIGINAL PLANTS AND SHALL BE PLANTED IN THE SAME MANNER.

ESTABLISHMENT PERIOD: ONE YEAR

- THE PURPOSE OF THE ESTABLISHMENT PERIOD IS TO NURTURE PLANTS THROUGH AT LEAST ONE FULL GROWING SEASON AND ONE FULL WINTER. ALL PLANTS SHALL BE INSPECTED BY THE ENGINEER ONE YEAR AFTER CONDITIONAL ACCEPTANCE AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THAT TIME. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING INSPECTION EARLY ENOUGH IN THE SEASON TO ALLOW ADEQUATE TIME TO PROCURE AND INSTALL REPLACEMENT MATERIAL.
- AT THE END OF THE ESTABLISHMENT PERIOD, EACH PLANT SHALL SHOW HEALTHY GROWTH ON AT LEAST 75 PERCENT OF ITS TERMINAL STEMS, AS DETERMINED BY THE ENGINEER. DETERMINATION OF HEALTHY GROWTH SHALL INCLUDE, BUT IS NOT NECESSARILY LIMITED TO, VIABLE LEAVES (IN SEASON) AND TERMINAL BUDS, AS WELL AS LIVE CAMBIUM. PLANTS FOUND TO BE UNACCEPTABLE SHALL BE REMOVED PROMPTLY FROM THE SITE AND REPLACED IMMEDIATELY OR DURING THE NEXT NORMAL PLANTING SEASON, AS PERMITTED BY THE SPECIFICATIONS.
- THE ENGINEER WILL INSPECT THE REPLACEMENT PLANTING WORK UPON THE REQUEST OF THE CONTRACTOR. REQUEST FOR INSPECTION SHALL BE RECEIVED BY THE ENGINEER AT LEAST TEN DAYS BEFORE THE ANTICIPATED DATE OF INSPECTION.
- UPON ACCEPTANCE OF THE WORK OF REPLACEMENT PLANTING, THE ENGINEER SHALL ISSUE A WRITTEN CERTIFICATE OF FINAL ACCEPTANCE FOR ALL PLANTS INSTALLED UNDER THIS SECTION TO THE CONTRACTOR OTHERWISE INDICATED.

02/25/2022  
DRAFT 408 FILING

Revisions  
Issue  
Date  
Description

Checked By

LANDSCAPE GENERAL  
NOTES

AS NOTED  
TP  
TP  
MH  
23408.05

Scale:  
Drawn By:  
Date:

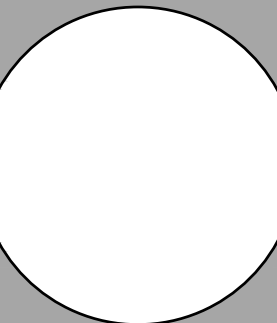
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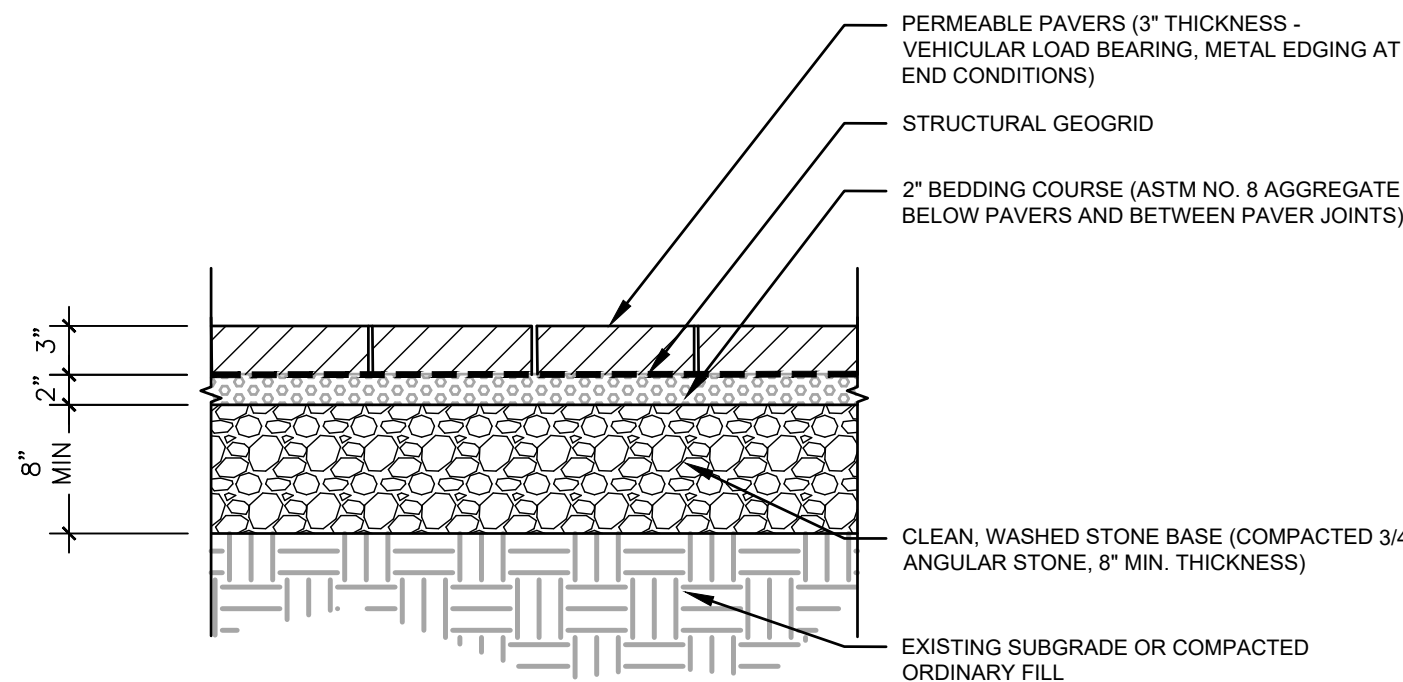
LANDSCAPE  
GENERAL NOTES

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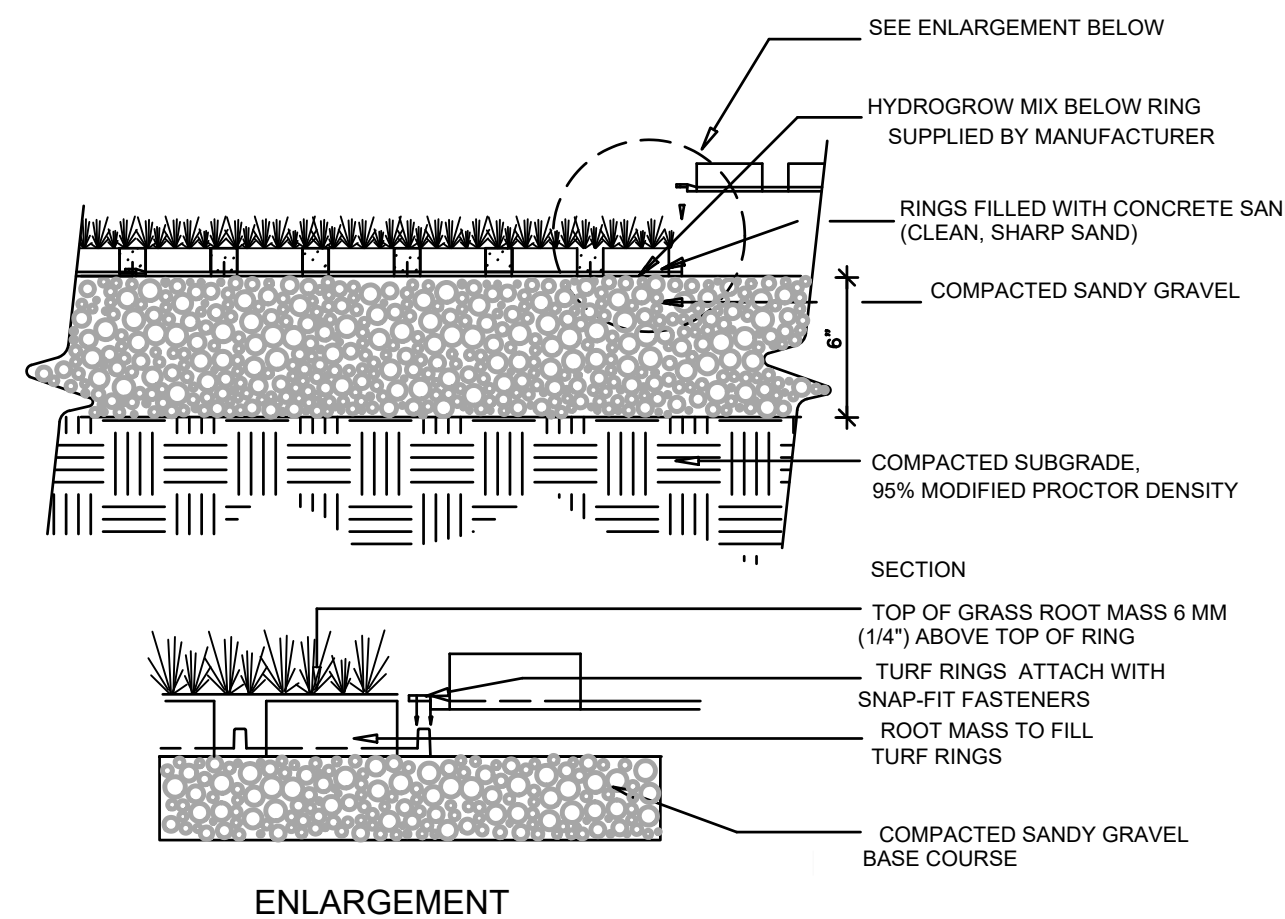




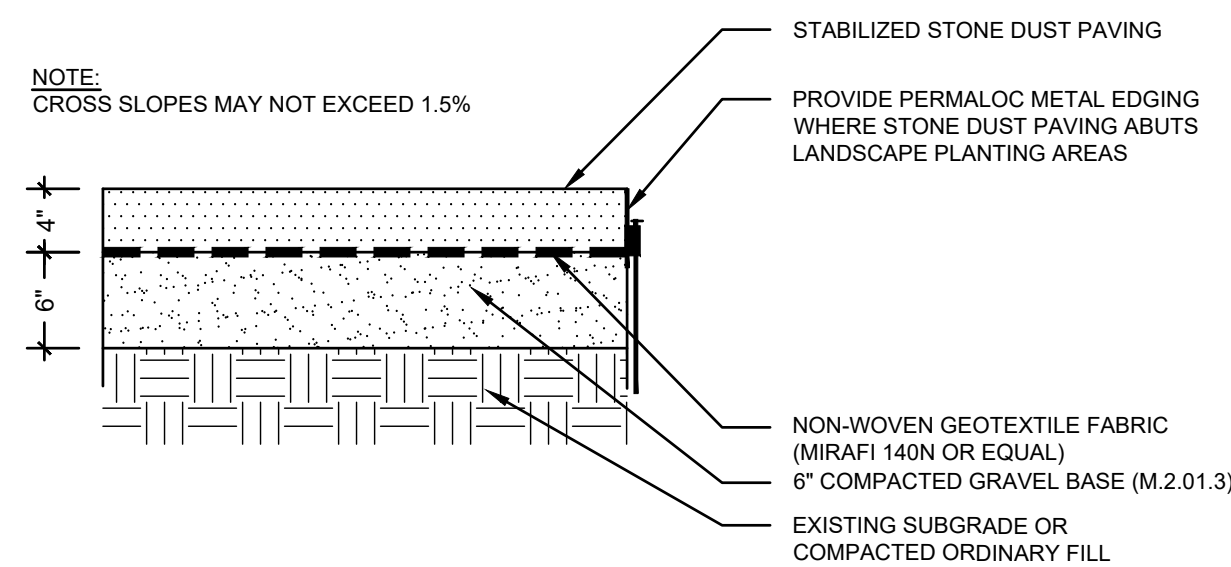




**B2 PERMEABLE CONCRETE UNIT PAVING**  
not to scale



**B4 REINFORCED TURF PAVING**  
not to scale



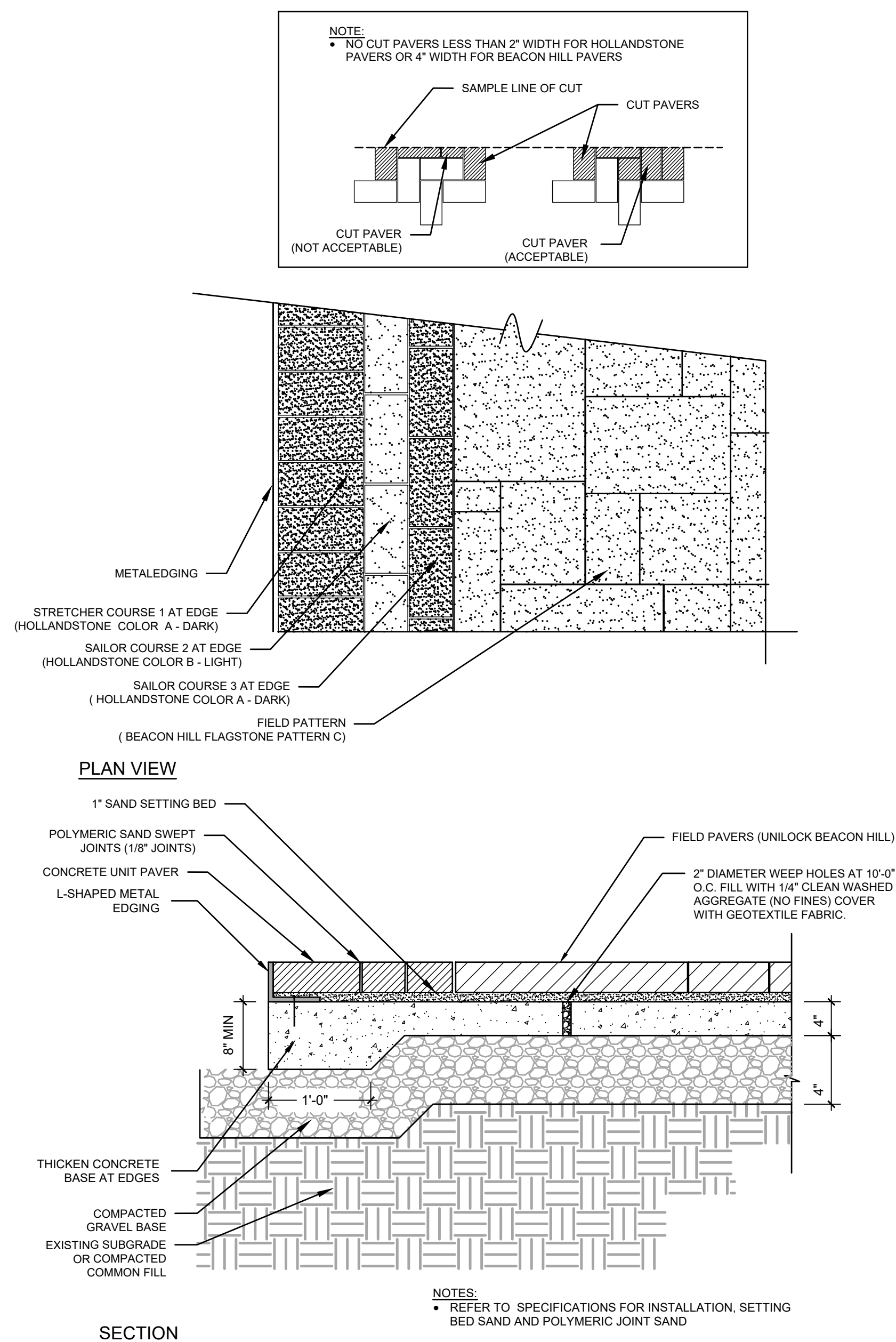
**B6 STABILIZED STONE DUST PAVING WITH METAL EDGING**  
not to scale



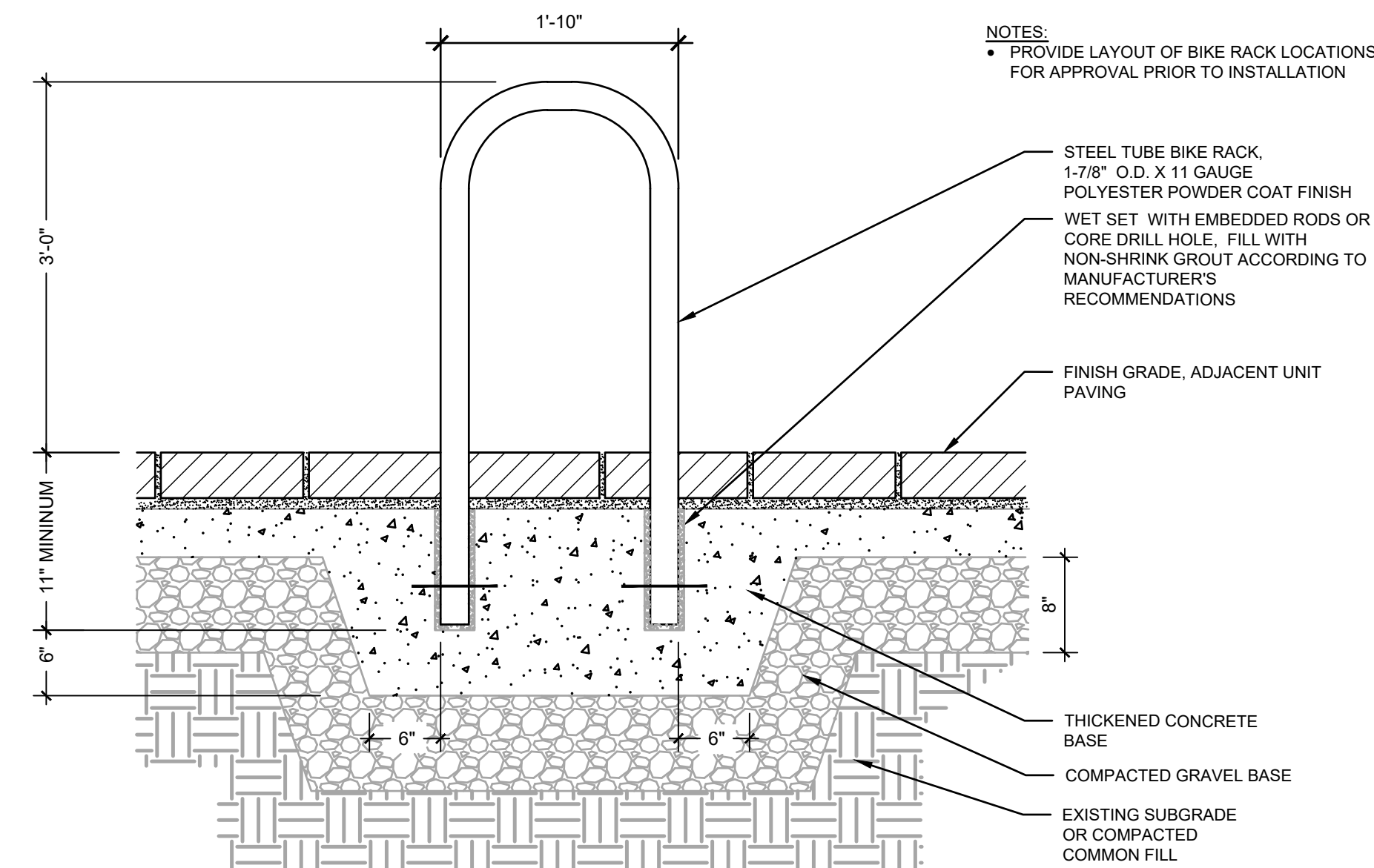
- NOTES:
1. VEGO GARDEN RAISED METAL GARDEN BED
  2. 20 YEAR LIFESPAN
  3. V2 CONFIGURATIO - 6.5' L X 2' W X 17\"/>
  4. ALUZINC METAL FINISH - FINAL FINISH COLOR TBD

- COLOR OPTIONS (LEFT TO RIGHT)
- PEARL WHITE
  - BRITISH GREEN
  - OLIVE GREEN
  - MODERN GRAY

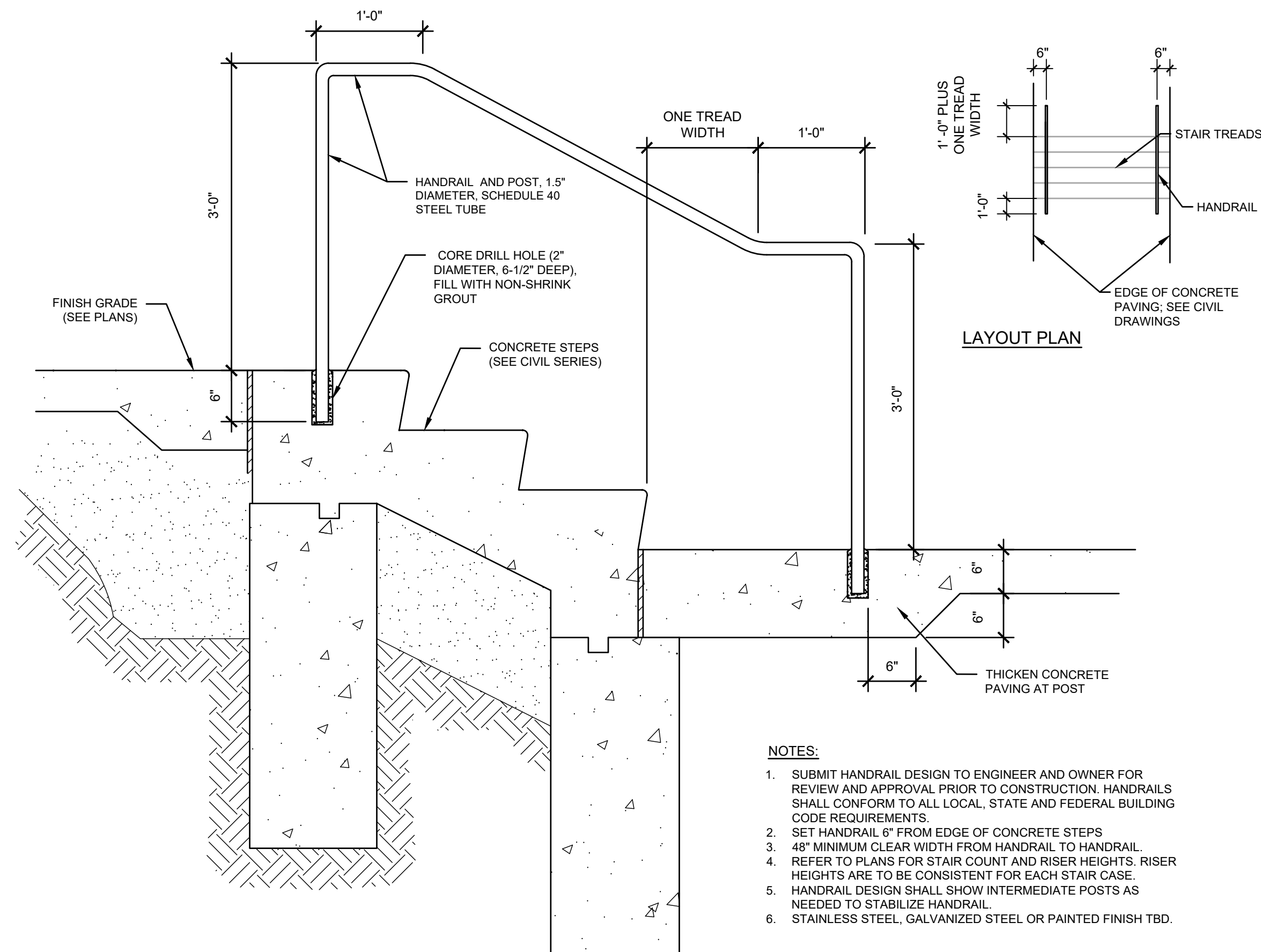
**E3 VICTORY GARDEN PLANTERS**  
not to scale



**B1 CONCRETE UNIT PAVING**  
not to scale



**E2 BIKE RACK**  
not to scale



**C3 STAIR HANDRAIL**  
not to scale

- NOTES:
1. SUBMIT HANDRAIL DESIGN TO ENGINEER AND OWNER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. HANDRAILS SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL BUILDING CODE REQUIREMENTS.
  2. SET HANDRAIL 6\"/>
  3. 48\"/>
  4. REFER TO PLANS FOR STAIR COUNT AND RISER HEIGHTS. RISER HEIGHTS ARE TO BE CONSISTENT FOR EACH STAIR CASE.
  5. HANDRAIL DESIGN SHALL SHOW INTERMEDIATE POSTS AS NEEDED TO STABILIZE HANDRAIL.
  6. STAINLESS STEEL, GALVANIZED STEEL OR PAINTED FINISH TBD.



**C2 METAL FENCE**  
not to scale

C1 CEDAR SPLIT RAIL FENCE  
not to scale

**E5** FLAG POLE  
not to scale

L1 LED LIGHT POLE FIXTURE  
not to scale

### Specifications and Features:

| EPA 2.5<br>WEIGHT: 38 lbs (max.)                     |                      |         |            |                              |                                                                                       |                                         |                                                                                                                                                                |
|------------------------------------------------------|----------------------|---------|------------|------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Order information Example: SLSNLC670W4KU5NNBK</b> |                      |         |            |                              |                                                                                       |                                         |                                                                                                                                                                |
| SLS                                                  | NL                   | C6      |            |                              |                                                                                       |                                         |                                                                                                                                                                |
| Model                                                | Globe/Lens           | Capital | LED Module | Voltage                      | Distribution                                                                          | Options                                 | Finish (Standard Colors)                                                                                                                                       |
| SLS-Select                                           | NL-No Secondary Lens | C6-WLC2 | 80W4K      | 144-120-270/270<br>H=347482V | 1-Type P<br>2-Type L<br>3-Type R<br>4-Type TV<br>5-Type V<br><br>*70W & above<br>only | 1-Button<br>PC/Button Eye Photo Control | 1-Black<br>2-Bronze<br>3-Dark Bronze<br>WH-White<br>GR-Green<br>SL-Silver Metallic<br>GY-Light Gray<br>TRK-Textured Black<br>CC-Custom Color (Consult Factory) |

L2 LED BOLLARD LIGHT FIXTURE  
not to scale



\\bsc\bsc\bsc\Projects\BOS\234\08\05\Landscapes\Drawings\234\08\05-DET.dwg

8" MIN  
1"

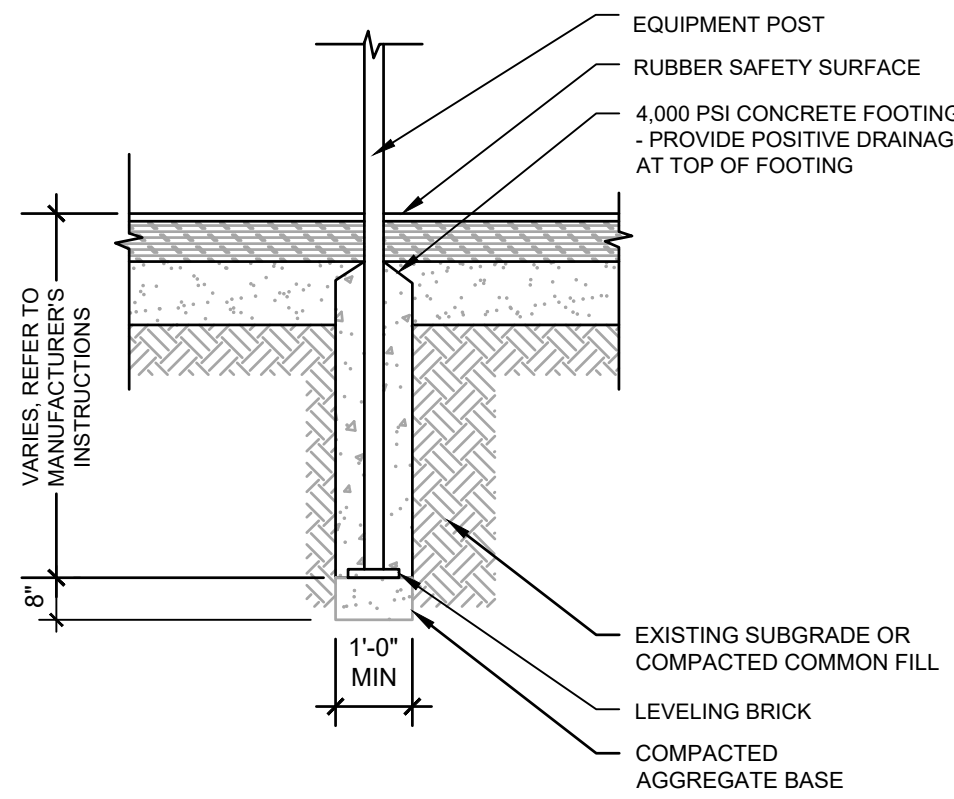
8" MIN  
1"

NOTE:

PROVIDE THICKENED TURN DOWN EDGE WHERE RUBBER MEETS CONCRETE. REFER TO DETAIL RIGHT FOR EDGE CONDITION.

EPDM RUBBER WEAR COURSE  
(SET FLUSH WITH ADJACENT MATERIAL)  
POURED IN PLACE SBR IMPACT COURSE. THICKNESS SHALL BE PER EQUIPMENT CRITICAL FALL HEIGHTS AS DIRECTED BY EQUIPMENT MANUFACTURER

COMPACTED FREE-DRAINING BASE COURSE - 3/4" CLEAN WASHED STONE  
NON-WOVEN GEOTEXTILE FILTER FABRIC  
UNDISTURBED SUBGRADE OR COMPACTED FILL



PLAY EQUIPMENT POST AND FOOTING

PLAY EQUIPMENT NOTES:

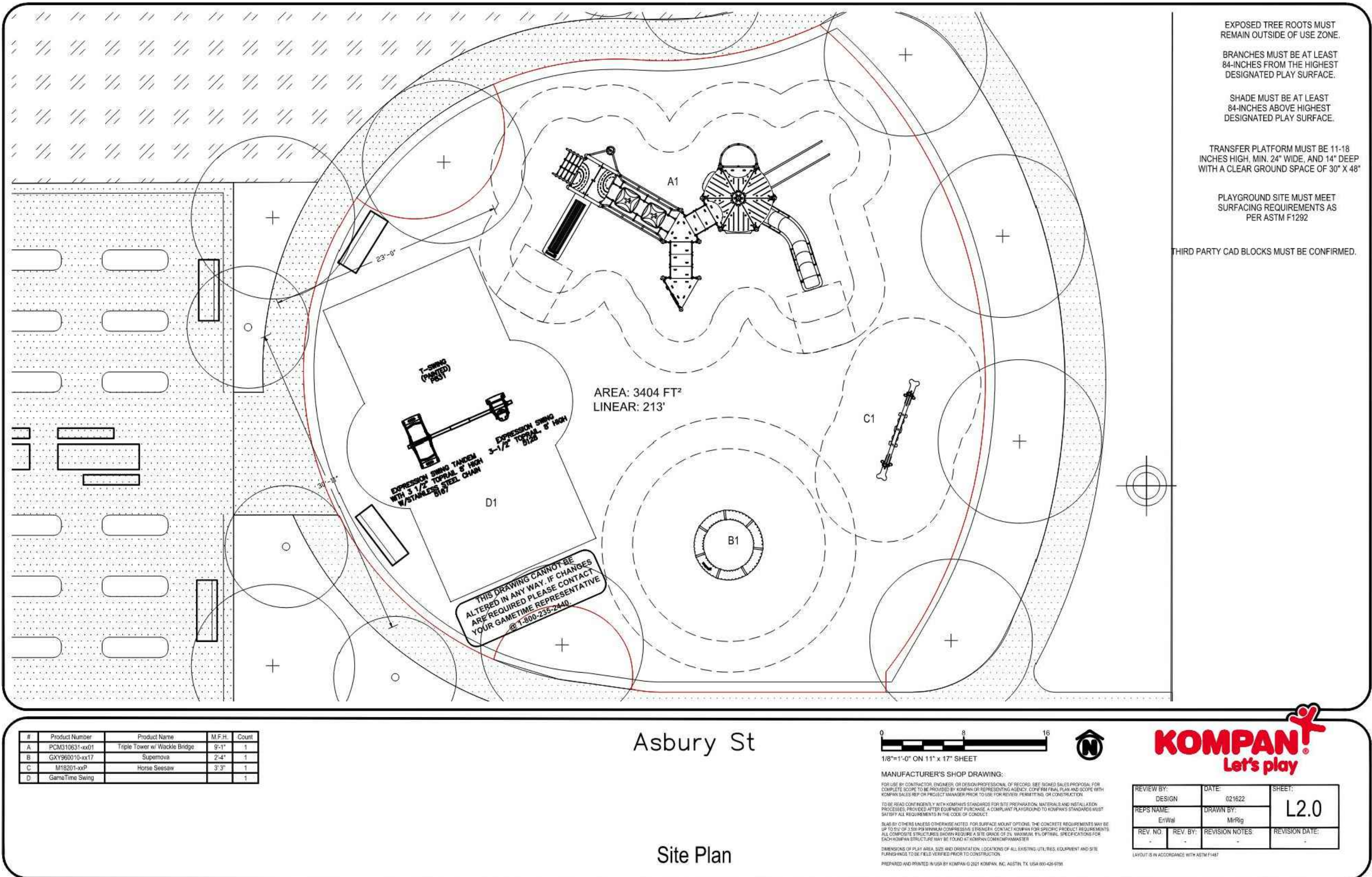
- LAYOUT PLAN SHOWN IS PROVIDED FOR REFERENCE PURPOSES ONLY. CONTRACTOR TO FIELD VERIFY AVAILABLE AREA DIMENSIONS AND COORDINATE WITH PLAY EQUIPMENT MANUFACTURER.
- CONTRACTOR TO PROVIDE COORDINATED SHOP DRAWINGS OF PLAY EQUIPMENT LAYOUT AND PLAY EQUIPMENT FOOTING PLAN FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- CONTRACTOR TO PROVIDE CLEAR ZONES AROUND PLAY EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- PLAYGROUND TO MEET CPSC GUIDELINES.
- PLAYGROUND TO MEET ADA GUIDELINES.

PLAY EQUIPMENT TO INCLUDE THE FOLLOWING COMPONENTS

- GAMETIME EXPRESSION SWING
- KOMPAN TRIPLE TOWER WITH WACKLE BRIDGE
- KOMPAN SUPERNOVA
- KOMPAN HORSE SEESAW
- FREESTANDING PLAY EQUIPMENT SIGN WITH USE AGE GROUPS



PLAY EQUIPMENT PERSPECTIVE RENDERING (PROVIDED FOR REFERENCE PURPOSES)



PLAY EQUIPMENT LAYOUT PLAN

B6

RESILIENT RUBBERIZED SAFETY SURFACING

not to scale

S1

PLAY EQUIPMENT

not to scale

02/25/2022

DRAFT 408 FILING

Revisions

LANDSCAPE DETAILS

Checked By

Description

Issue Date

AS NOTED  
TP  
02/25/2022

Checked By

Description

Issue Date

Checked By: MH  
Project #: 234\08\05

HCP Asbury  
Hamilton, MA

DESIGN

BSC GROUP  
Landscape Architecture + Planning

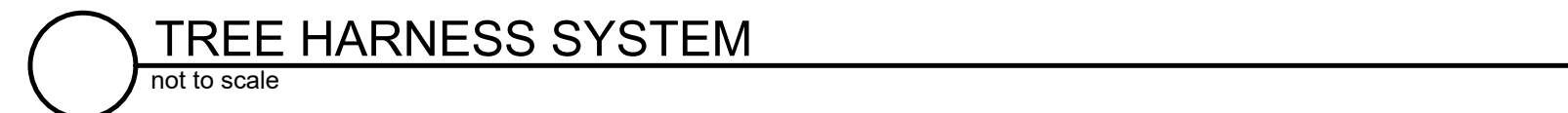
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SV DESIGN  
125 Dodge Street  
Beverly, Massachusetts 01915  
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LANDSCAPE DETAILS

L3.03





|                            |           |                                                  |                                                          |                |
|----------------------------|-----------|--------------------------------------------------|----------------------------------------------------------|----------------|
| HCP Asbury<br>Hamilton, MA | SV/DESIGN | 126 Dodge Street<br>Beverly, Massachusetts 01915 | <a href="http://www.svsdesign.com">www.svsdesign.com</a> | t 978.252.3745 |
|----------------------------|-----------|--------------------------------------------------|----------------------------------------------------------|----------------|