



PROVIDENCE, RI

SITE IMPROVEMENTS AT JAMES AHERN PARK

HONORABLE
BRETT P. SMILEY
MAYOR

WENDY NILSSON
SUPERINTENDENT OF PARKS

OSCAR VARGAS
CITY COUNCILOR

SHEET SCHEDULE

L-1	COVER SHEET
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PE-1	VORTEX PLUMBING & ELECTRICAL PLAN*

*To be included in addendum.

DEMOLITION PLAN GENERAL NOTES

- ALL SITE PREPARATION NECESSARY TO COMPLETE THIS PROJECT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH PROVIDENCE PARKS DEPARTMENT STAFF TO DEVELOP A SUITABLE DEMOLITION PLAN, WHICH WILL MINIMIZE PARK DISTURBANCE AND ALLOW ALL FACILITIES TO REMAIN IN OPERATION DURING THE ENTIRETY OF CONSTRUCTION.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR IS RESPONSIBLE FOR THE RELOCATION, DEMOLITION, REMOVAL AND DISPOSAL, IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL EXISTING SITE ELEMENTS AND STRUCTURES INCLUDING BUT NOT LIMITED TO BITUMINOUS CONCRETE, CEMENT CONCRETE, GRAVEL, CURBS, WALKWAYS, SIDEWALKS, BERMS, FENCES, BOLLARDS, POSTS, PLANTING BEDS, TREES, SHRUBS, UTILITIES, DRAINAGE STRUCTURES AND ALL OTHER STRUCTURES SHOWN WITHIN THE LIMITS, AND WHERE NEEDED, TO ALLOW FOR NEW CONSTRUCTION. ALL ELEMENTS TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A PROPER AND LEGAL MANNER.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES, AND WHEREVER POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY IN THE CITY, AND "DIGSAFE" (1-800-344-7233) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK IN PREVIOUSLY UNALTERED AREAS TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESOLVE CONFLICTS BETWEEN THE PROPOSED UTILITIES AND FIELD-LOCATED UTILITIES AND SHALL REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IMMEDIATELY. THE OWNER ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED, INCOMPLETELY OR INACCURATELY SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCURATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED AND EXISTING UTILITIES FOUND DURING CONSTRUCTION FOR THE PREPARATION OF THE AS-BUILT PLAN.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING UTILITIES IN WORKING ORDER AND FREE FROM DAMAGE DURING THE ENTIRE DURATION OF THE PROJECT. ALL COST RELATED TO THE REPAIR OF UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINE OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS AND OPERATION FOR SURROUNDING FACILITIES, AS DEEMED BY THE OWNER, AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
- PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES AND TREE PROTECTIVE MEASURES ARE TO BE INSTALLED.

EROSION & SEDIMENT CONTROL NOTES

- THE SITE CONSTRUCTION FOREMAN SHALL BE DESIGNATED AS THE ON-SITE PERSONNEL RESPONSIBLE FOR THE DAILY INSPECTION AND MAINTENANCE OF ALL ESC MEASURES AND SHALL IMPLEMENT ALL NECESSARY MEASURES TO CONTROL EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE.
- THE CONTRACTOR SHALL INSTALL ALL ESC MEASURES AS SHOWN ON THE DESIGN PLANS AND AS DETERMINED NECESSARY IN THE FIELD BY OWNER'S REPRESENTATIVE BEFORE ANY CONSTRUCTION ACTIVITIES ARE TO BEGIN. THESE MEASURES SHALL BE CHECKED, MAINTAINED/REPLACED AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD OF THE PROJECT. SUCH MEASURES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGH THE CONSTRUCTION PERIOD.
- A MINIMUM SURPLUS OF 100 FEET OF EROSION CONTROL BARRIER (SILT FENCE&/OR SILT SOCK) SHALL BE STOCKPILED ONSITE AT ALL TIMES.
- THE CONTRACTOR SHALL PROTECT THE ADJACENT AREA FROM SEDIMENTATION DURING PROJECT CONSTRUCTION OPERATIONS.
- A CONSTRUCTION EXIT SHALL BE CONSTRUCTED TO SHED DIRT FROM CONSTRUCTION VEHICLE TIRES. THE CONSTRUCTION EXIT SHALL BE REPLACED/CLEANED AS NEEDED TO MAINTAIN ITS EFFECTIVENESS.
- THE LIMIT OF ALL CLEARING, GRADING AND DISTURBANCES SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. THE CONTRACTOR SHALL PHASE THE SITE WORK IN A MANNER TO MINIMIZE AREAS OF EXPOSED SOIL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MONITOR LOCAL WEATHER REPORTS DURING CONSTRUCTION AND PRIOR TO SCHEDULING EARTHMOVING OR OTHER CONSTRUCTION ACTIVITIES WHICH WILL LEAVE LARGE DISTURBED AREAS UNSTABILIZED. IF INCLEMENT WEATHER IS PREDICTED, THE CONTRACTOR SHALL USE THEIR BEST PROFESSIONAL JUDGEMENT AND SHALL BE RESPONSIBLE FOR ENSURING THAT NECESSARY EROSION CONTROL DEVICES ARE INSTALLED AND FUNCTIONING PROPERLY TO MINIMIZE EROSION FROM ANY IMPENDING WEATHER EVENTS.
- SOIL ESC MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT THE ESC MEASURES ARE INTACT AND FUNCTIONING PROPERLY. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY NO LATER THAN 24 HOURS AFTER IDENTIFICATION.

- SOIL STOCKPILES LEFT OVERNIGHT SHALL BE SURROUNDED ON THEIR PERIMETERS WITH SILT SOCK.
- DISTURBED AREAS AND SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON. THE CONTRACTOR SHOULD PROVIDE APPROPRIATE STABILIZATION PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY AREAS HAVING A SLOPE GREATER THAN 3:1 SHALL BE REINFORCED WITH EROSION BLANKETS OR APPROVED EQUAL UNTIL THE SITE IS PROPERLY STABILIZED. TEMPORARY SWALES MAY ALSO BE REQUIRED IF DETERMINED NECESSARY IN THE FIELD BY OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL CONTAIN ALL SEDIMENT ONSITE. ALL EXITS FROM THE SITE WILL BE SWEEP AS NECESSARY INCLUDING ANY SEDIMENT TRACKING. PAVED AREAS SHALL BE SWEEP AS NEEDED TO REMOVE SEDIMENT AND POTENTIAL POLLUTANTS WHICH MAY ACCUMULATE DURING SITE WORK.
- ACCUMULATED SEDIMENT SHALL BE REMOVED FROM ALL ESC MEASURES AND DISPOSED OF IN A PRE-APPROVED LOCATION BY THE CONTRACTOR.
- DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY.

GENERAL CONSTRUCTION NOTES

- INFORMATION FOR THE EXISTING CONDITIONS PLAN WAS OBTAINED FROM GIS, AERIAL IMAGERY, AND FIELD OBSERVATION. ALL EXISTING CONDITIONS ARE TO BE CONSIDERED APPROXIMATE. THIS IS NOT A REGISTERED SURVEY.
- ANY ERRORS OR DISCREPANCIES ON THE DRAWINGS, SHOP DRAWINGS, AND DETAILS ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE THE WORK HAS COMMENCED.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL LOCATIONS AND DIMENSIONS. DISCREPANCIES BETWEEN LAYOUT DIMENSIONS ON PLANS AND ACTUAL MEASUREMENTS IN FIELD ARE TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE CONSTRUCTION BEGINS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO DEMOLITION OR INSTALLATION OF ANY PORTION OF THE SITE WORK .
- THE CONTRACTOR SHALL STAKE OUT ALL LAYOUTS OF PROPOSED WORK FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS DURING CONSTRUCTION INCLUDING BENCHMARK LOCATIONS AND ELEVATIONS AT CRITICAL AREAS. THE LOCATION OF ALL CONTROL POINTS AND BENCHMARKS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
- UNLESS OTHERWISE SPECIFIED ON THE PLANS AND DETAILS/SPECIFICATIONS, ALL SITE CONSTRUCTION MATERIALS AND METHODOLOGIES ARE TO CONFORM TO THE MOST RECENT VERSION OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2015 EDITION).
- CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST, SEDIMENTATION CONTAINMENT, AND TRENCH WORK.
- THE CONTRACTOR SHALL RESTORE ALL SURFACES EQUAL TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION IS COMPLETE. AREAS NOT DISTURBED BY CONSTRUCTION SHALL BE LEFT NATURAL. THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO SHRUBS, TREES, AND OTHER LANDSCAPING OR NATURAL FEATURES, WHEREAS THE PLANS DO NOT SHOW ALL LANDSCAPING FEATURES. EXISTING CONDITIONS MUST BE VERIFIED BY THE CONTRACTOR IN ADVANCE OF THE WORK.
- ALL UNPAVED AREAS DISTURBED BY THE WORK SHALL HAVE A MINIMUM OF 4-INCHES OF LOAM INSTALLED AND SEEDED WITH GRASS SEED AS SHOWN ON THE PLAN AND/OR DIRECTED BY THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ANY LOAM AND SEEDED AREAS UNTIL LAWN GROWTH IS ESTABLISHED AND APPROVED BY THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE ANY LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL DEMOLITION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO AN APPROVED DUMP SITE. ALL TRUCKS LEAVING THE SITE SHALL BE COVERED.
- CONCRETE TRUCKS SHALL NOT BE WASHED ONSITE. ANY CEMENT OR CONCRETE DEBRIS LEFT IN THE DISTURBED AREA SHALL BE REMOVED BY HAND AT THE CONTRACTOR'S EXPENSE.
- IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE.
- AT THE END OF CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIAL FROM THE SITE. A THOROUGH INSPECTION OF THE WORK PERIMETER IS TO BE MADE AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRIED DEBRIS, SHALL BE COLLECTED AND REMOVED FROM THE SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SITE FOR THE SAFETY OF THE GENERAL PUBLIC AND TO PROTECT PROPERTY AGAINST VANDALISM AND THEFT.
- THE CONTRACTOR MUST OBTAIN ALL REQUIRED CITY, STATE AND FEDERAL PERMITS.
- THE PROVIDENCE PARKS DEPARTMENT ASSUMES NO RESPONSIBILITY IF THE WORK IS NOT INSTALLED AS PER THE PLANS OR IF FIELD CHANGES ARE MADE WITHOUT THE KNOWLEDGE AND APPROVAL OF THE OWNER'S REPRESENTATIVE.

LAYOUT NOTES

- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- STORAGE AREAS FOR CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE ON AND WITHIN LIMITS OF WORK AS SHOWN ON THE PLANS AND AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES IN THE PLAN TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK.
- ALL LAYOUTS FOR WALKS AND PATHS SHALL BE ADEQUATELY STAKED BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- ALL PLACEMENT OF SITE FURNISHINGS, BOULDERS, PLAY STRUCTURES AND OUTDOOR FITNESS EQUIPMENT TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PLANTING NOTES

- ALL NEW PLANT MATERIALS SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
- ALL NEW PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
- THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
- STAKE LOCATIONS OF ALL PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING. INDIVIDUAL STAKES SHALL BE PLACED FOR TREES AND SHRUBS. EDGE OF PLANTING BEDS SHALL BE PAINTED. NOTIFY LANDSCAPE ARCHITECT 24 HOURS PRIOR TO DESIRED APPROVAL.
- ALL NEW PLANTS SHALL BE SUPPLIED AND INSTALLED DURING THE PERIODS OF APRIL 1 - JUNE 15 AND/OR SEPTEMBER 1 - NOVEMBER 15 PER SPECIFICATIONS.
- PREPARE ALL INDIVIDUAL TREE PITS AND SHRUB PLANTING BEDS TO A MINIMUM DEPTH OF EIGHTEEN INCHES (18") WITH SPECIFIED PLANTING MIX: 50% SCREENED TOPSOIL, 40% EXISTING SOIL AND 10% COMPOST. BLEND COMPOST INTO TOP 4" OF SOIL. PLANTING MIX SHALL BE FREE OF LUMPS, STONES, PLANTS, ROOTS, AND OTHER FOREIGN MATTER.
- ALL SHRUB BEDS AND INDIVIDUAL TREE PITS SHALL RECEIVE THREE (3) INCHES OF BARK MULCH PER SPECIFICATIONS. PERENNIAL AND GROUNDCOVER BEDS SHALL RECEIVE TWO INCHES (2"). PROVIDE LANDSCAPE ARCHITECT WITH SAMPLE FOR APPROVAL.
- ALL BURLAP, TWINE AND WIRE SHALL BE COMPLETELY REMOVED OR CUT AWAY AT TIME OF INSTALLATION.
- PRUNE TREES IN ACCORDANCE WITH THE SPECIFICATIONS.
- PLANT WARRANTY SHALL BE FOR ONE FULL GROWING SEASON FROM THE TIME OF SUBSTANTIAL COMPLETION.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED, STOLEN, DEAD, DECLINING OR LOST MATERIAL UNTIL COMPLETION OF MAINTENANCE PERIODS OR GUARANTEE PERIODS.
- IF NO IRRIGATION SYSTEM IS PLANNED, AN APPROPRIATE WATERING SCHEDULE SHALL BE ESTABLISHED BY THE LANDSCAPE CONTRACTOR FOR ALL PLANT MATERIAL BASED UPON PLANT SPECIES REQUIREMENTS AND PROVIDED IN WRITING TO THE LANDSCAPE ARCHITECT AND OWNER FOR REVIEW AND APPROVAL. THE APPROVED SCHEDULE SHOULD BE FOLLOWED UNTIL COMPLETION OF PLANT MAINTENANCE PERIODS OR WARRANTY PERIODS.
- ALL VEGETATION AND DEBRIS SHALL BE REMOVED FROM PROPOSED PLANTING AREAS PRIOR TO PLANTING AND BACKFILLING. CONTRACTOR SHALL REMOVE ALL WEEDS AND DEBRIS FROM SITE AS WORK PROGRESSES AND UNTIL COMPLETION OF PLANT MAINTENANCE PERIODS OR WARRANTY PERIODS.
- ALL AREAS TO BE SEEDED OR SODDED SHALL RECEIVE SIX INCHES (6") OF LOAM, MEASURED AFTER INSTALLATION, PRIOR TO SEEDING.
- ALL EXISTING LAWN AREAS DESIGNED TO REMAIN SHALL BE AERATED, FERTILIZED AND OVERSEEDED, AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- IN ADDITION TO LOCATIONS DEFINED FOR SEED ON THE PLANTING PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING ANY DISTURBED AREAS.
- A DETAILED PLANT MAINTENANCE MANUAL SHALL BE ESTABLISHED BY THE LANDSCAPE CONTRACTOR FOR ALL PLANT MATERIAL BASED UPON PLANT SPECIES REQUIREMENTS AND PROVIDED IN WRITING TO THE LANDSCAPE ARCHITECT AND OWNER FOR REVIEW AND APPROVAL. INFORMATION THEREIN SHALL INCLUDE REQUIRED PRUNING SCHEDULE, FERTILIZING AND PROPOSED INTEGRATED PEST MANAGEMENT (IPM) AS NECESSARY. THE APPROVED MAINTENANCE SHOULD BE FOLLOWED UNTIL COMPLETION OF PLANT MAINTENANCE PERIODS OR WARRANTY PERIODS.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CLOSE COORDINATION WITH OWNER, GENERAL CONTRACTOR, RELATED SUBCONTRACTORS, LANDSCAPE ARCHITECT, AND ALL SITE WORK RELATED ITEMS.



**PROVIDENCE
PARKS DEPARTMENT**
DALRYMPLE BOATHOUSE
ROGER WILLIAMS PARK
PROVIDENCE, RI 02905



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PROJECT:

**Site Improvements at
James Ahern Park**

**1 Wallace St
Providence, RI**

REVISIONS:

Date	Issued For:
-	-
-	-
-	-

NORTH ARROW

SCALE

DRAWING INFO

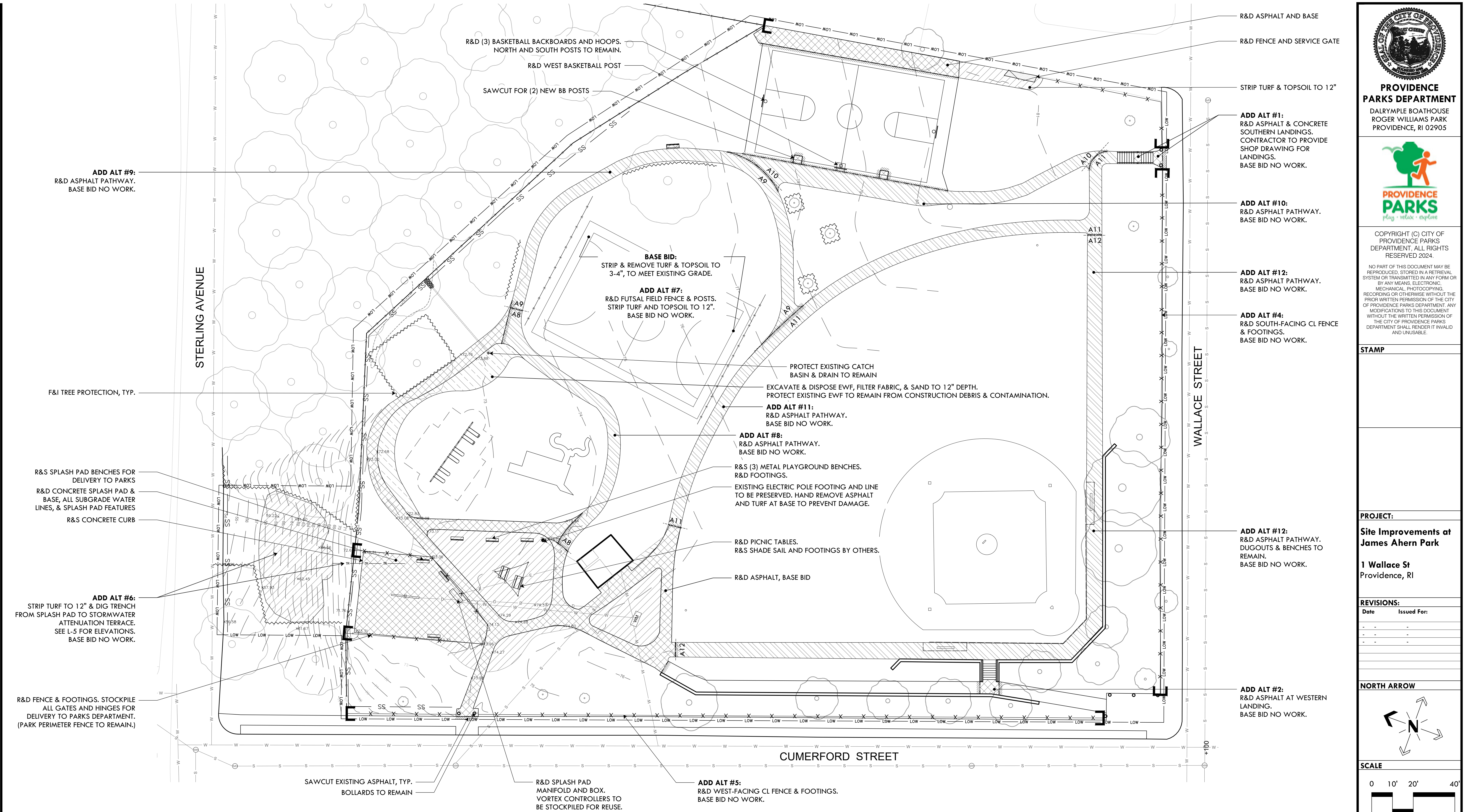
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CHECKED BY: MG

SHEET TITLE

Cover Sheet

L-1

1 OF 14



DEMOLITION PLAN LEGEND

— LOW — LOW —	LIMIT OF WORK	R&D	REMOVE & DISPOSE
— SS —	SILT SOCK (1 L-7)	R&S	REMOVE & STOCKPILE
~~~~~	TREE PROTECTION FENCE (2 L-7)	◆	EXISTING CATCH BASIN
— TR — TR —	TRENCH, PER NOTE ON PLAN	— x — x —	EXISTING FENCE TO REMAIN
	SAWCUT (3 L-7)	— x — x —	FENCE & POSTS TO BE REMOVED
●	EXISTING ELECTRIC POLE	□ □	LIMIT OF FENCE & POST REMOVAL

	R&D EX. PAVEMENT AND GRAVEL BASE	— 76 —	EXISTING CONTOUR
	R&D EWF MULCH TO 12" DEPTH	— E — E —	EXISTING ELECTRIC
	STRIP TURF & TOPSOIL TO 12" DEPTH	— S — S —	EXISTING SEWER
	R&D ASPHALT (ADD ALT)	— W — W —	EXISTING WATER
	ASPHALT ADD ALT LIMITS		



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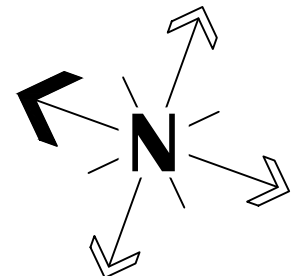
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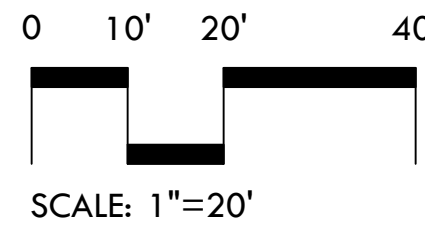
**PROJECT:**  
**Site Improvements at  
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**1 Wallace St  
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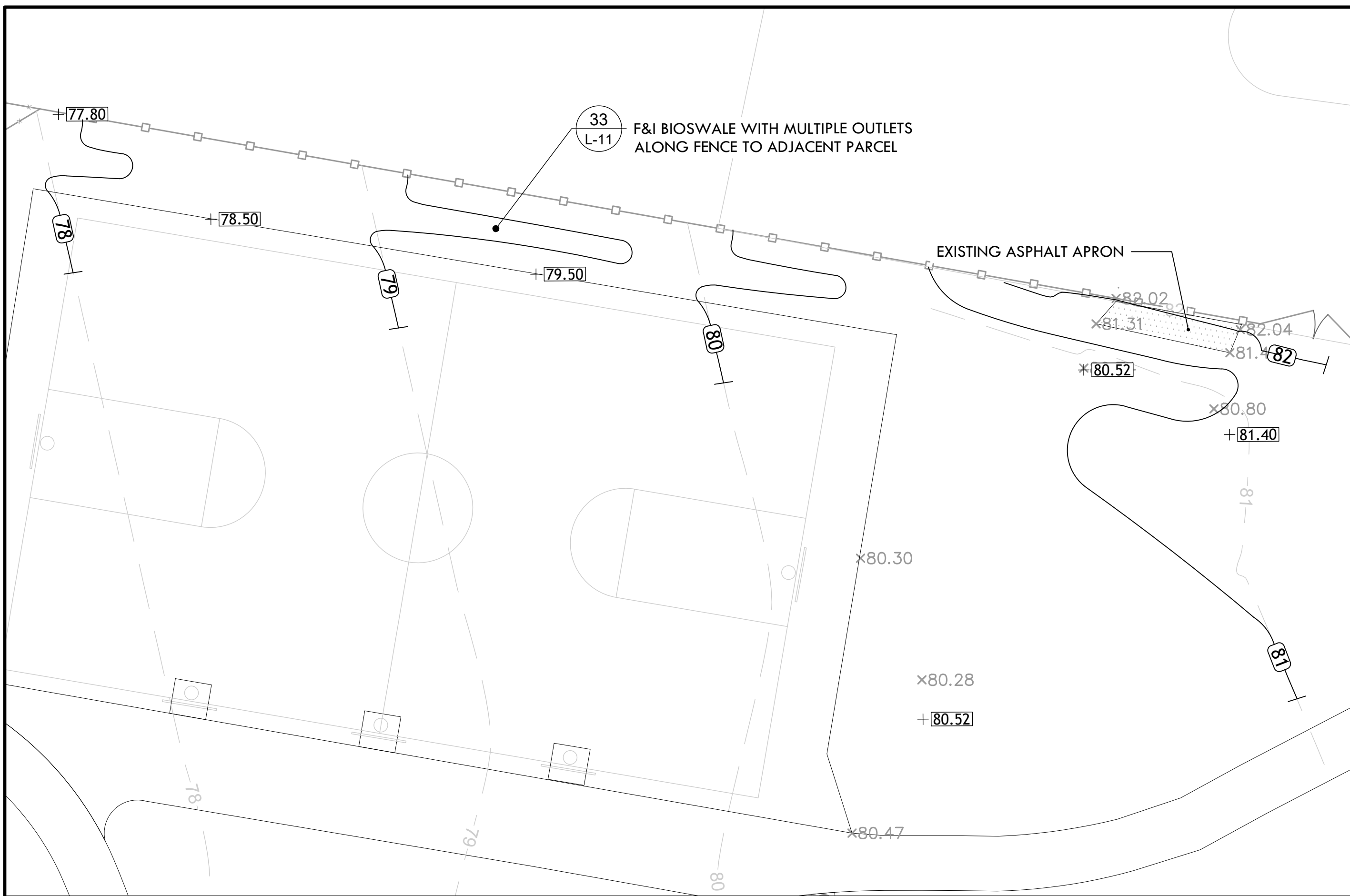
**Ex Conditions  
/ Demo Plan**

**L-2**

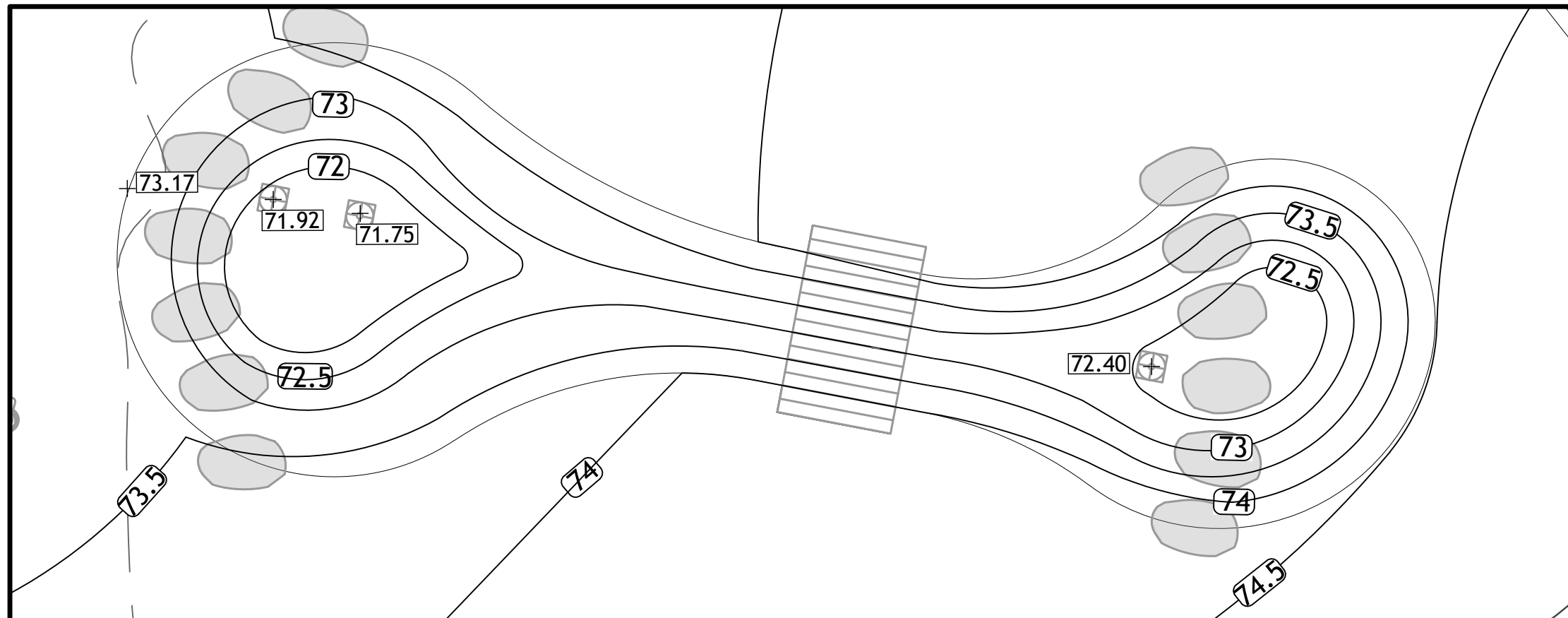
2 OF 14



② 1"=5'



5 1"=5'

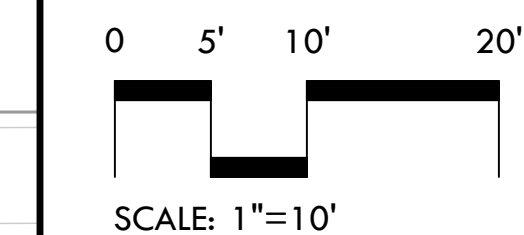


75.74 EXISTING GRADE

+ 97.83 PROPOSED GRADE

— 98 — EXISTING CONTOUR

— 99 — PROPOSED CONTOUR



1"=10'







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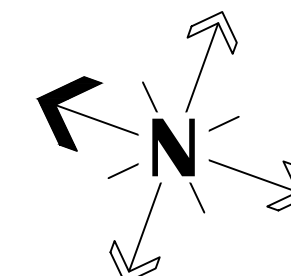
**Site Improvements at  
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SCALE

0 10' 20' 40'  
SCALE: 1"=20'

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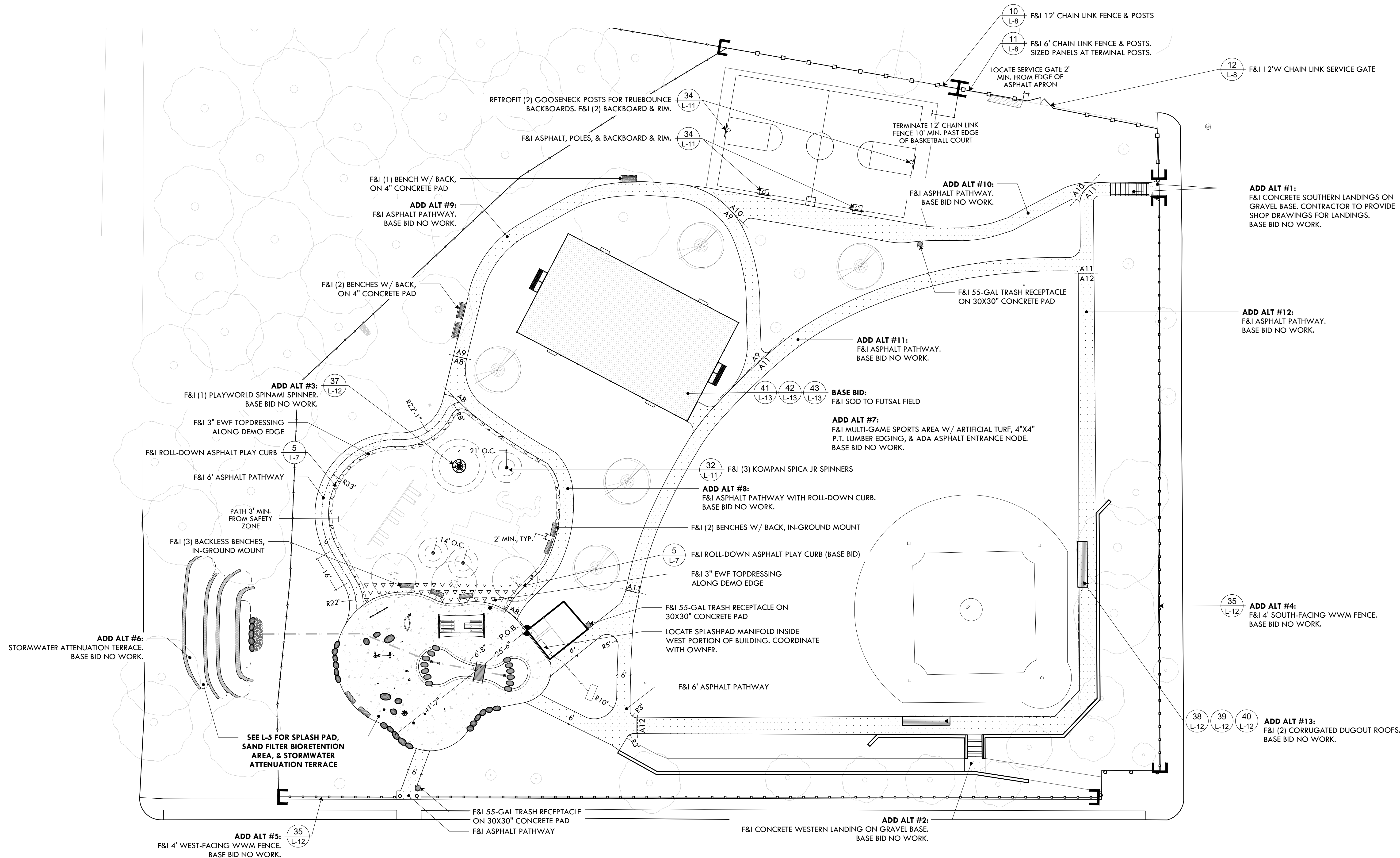
SHEET TITLE

**Site Construction  
Plan**

**L-4**

4 OF 14

FILE: JAPK.24-PLANS.dwg



## SITE CONSTRUCTION PLAN LEGEND

P.O.B.  
POINT OF BEGINNING

— — — — —  
CENTERLINE

X' — X'  
DIMENSION

A9  
A8  
ASPHALT ADD ALT LIMITS

ASPHALT

4" POURED CONCRETE PAD

EWF MULCH (3" TOPDRESSING)

4  
L-7

6  
L-7

6' BENCH

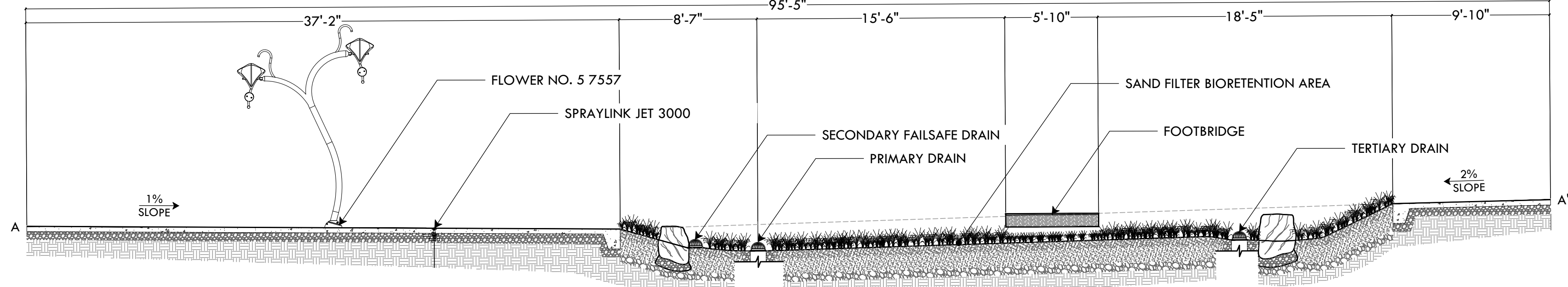
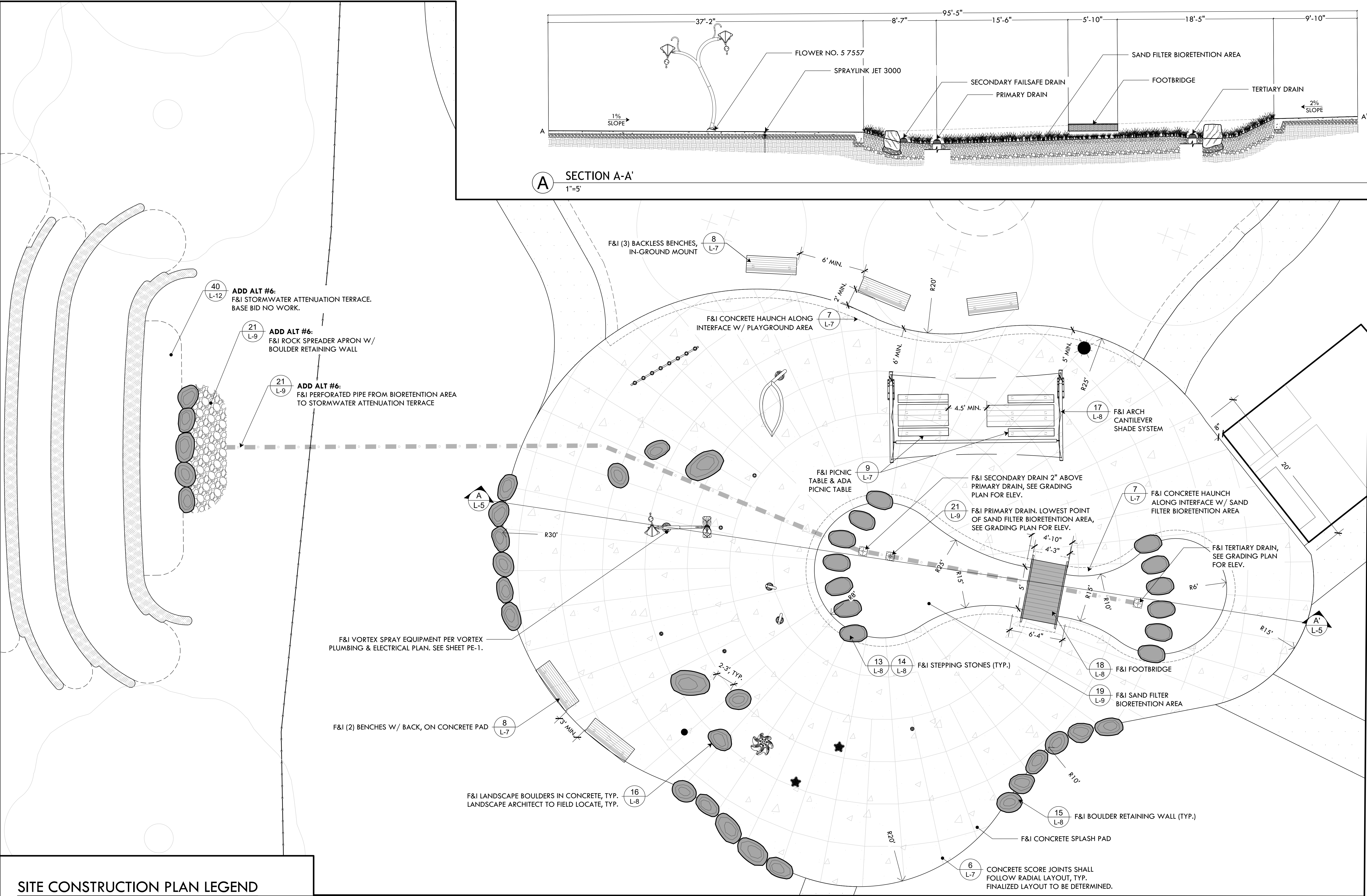
(3) 5-GAL TRASH RECEPTACLE ON 30X30" CONCRETE PAD

LIMIT OF FENCE INSTALLATION

8  
L-7

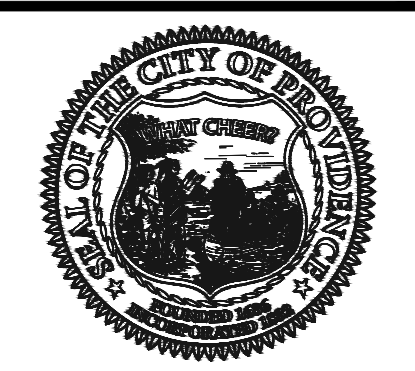
20  
L-9





SITE CONSTRUCTION PLAN LEGEND

- POINT OF BEGINNING
- CENTERLINE
- DIMENSION
- 4" POURED CONCRETE PAD
- ASPHALT
- STEPPING STONE
- BOULDER WALL
- LANDSCAPE BOULDER
- 12" SQUARE BEEHIVE GRATE
- FOOTBRIDGE



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DALRYMPLE BOATHOUSE  
ROGER WILLIAMS PARK  
PROVIDENCE, RI 02905



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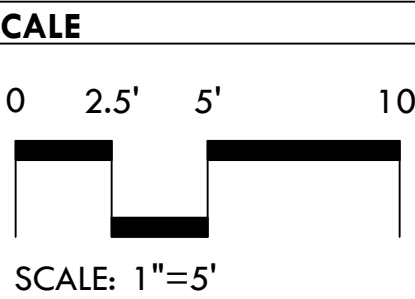
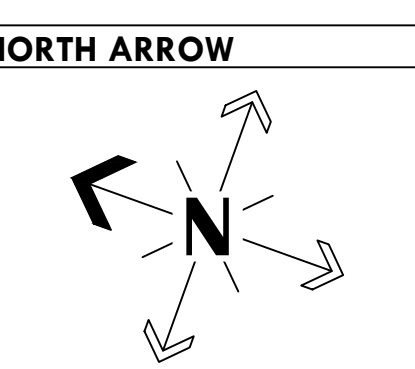
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**PROJECT:**  
**Site Improvements at James Ahern Park**  
**1 Wallace St**  
**Providence, RI**

**REVISIONS:**

Date	Issued For:
-	-
-	-
-	-

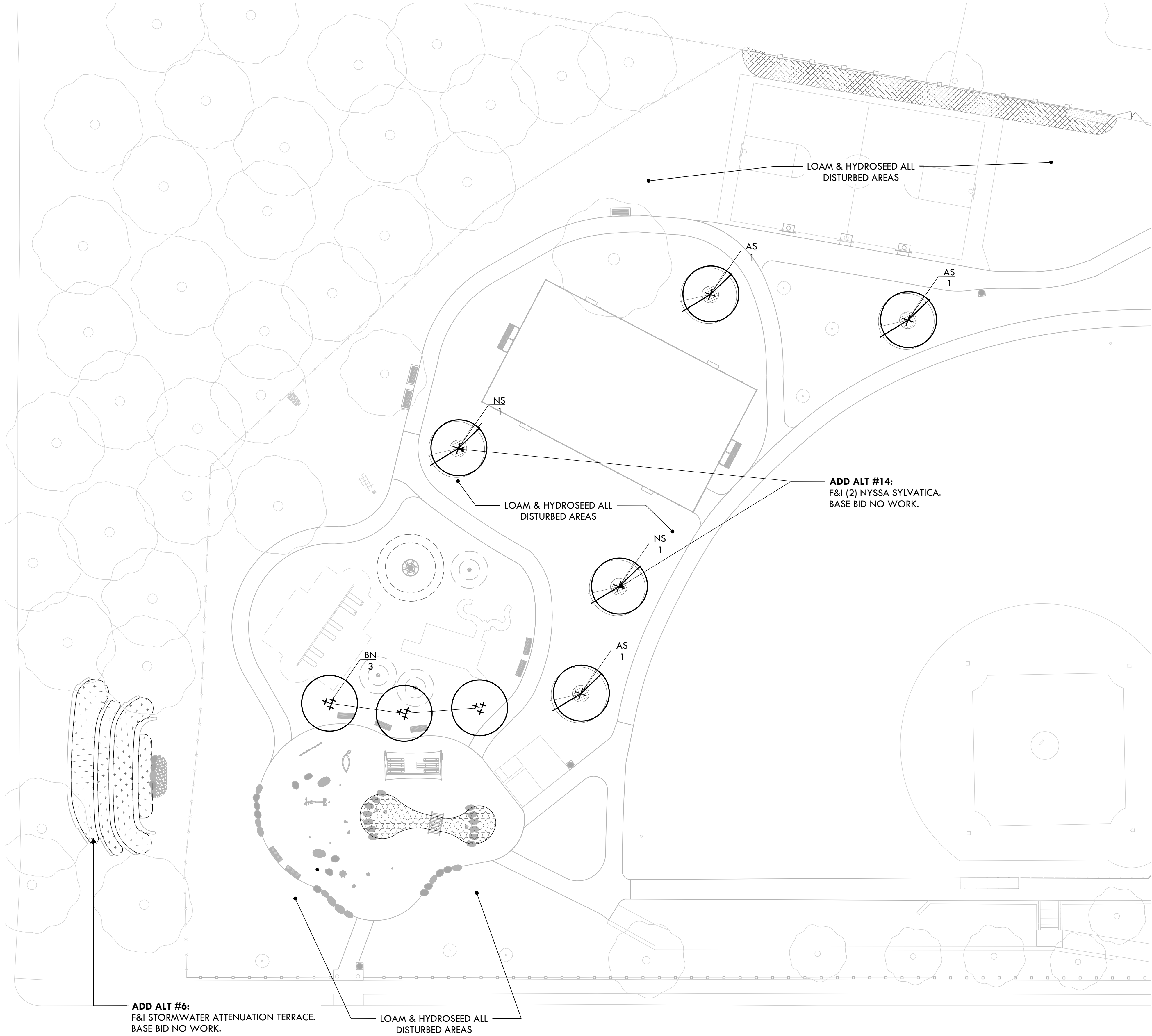


**DRAWING INFO**  
DATE ISSUED: 10/21/24  
PROJECT NO: JAPK.24.01  
DRAWN BY: SH, II  
CHECKED BY: MG

**SHEET TITLE**  
**Splash Pad Construction Plan**  
**L-5**  
5 OF 14

FILE: JAPK.24-PLANS.dwg





PLANTING LEGEND

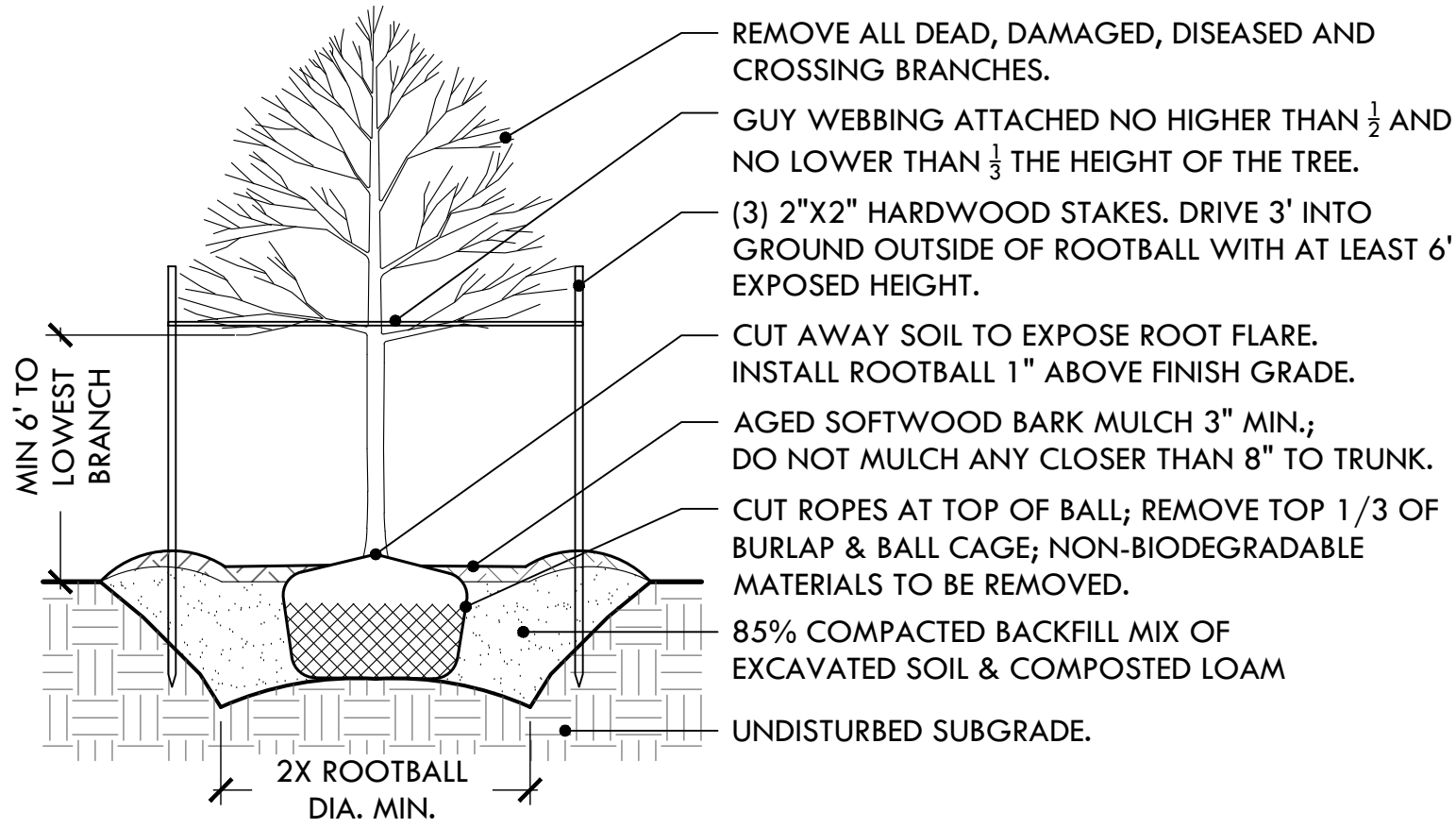
SEEDING	
	BIOSWALE SEED MIX - 1,000 SF (ERNST BIO-RETENTION WILDLIFE MIX)
	SAND FILTER BIORETENTION PLANTING - 450 SF
	STORMWATER ATTENUATION TERRACE PLANTING - 1250 SF
(NO HATCH)	LAWN/DISTURBED AREAS (ALLEN'S ENDOPHYTE ENHANCED MIX)
	6' DIAMETER MULCH RING AROUND TREE

BASE BID TREE SCHEDULE				
KEY	QTY	BOTANICAL NAME Common Name	SIZE	NOTES
AS	3	Acer saccharum 'Green Mountain' Sugar Maple	2.5-3" Cal	
BN	3	Betula nigra 'Dura Heat' River Birch	14-16' Clump	

ADD ALT TREE SCHEDULE			
NS	2	Nyssa sylvatica 'Wildfire' Tupelo Tree	2.5-3" Cal

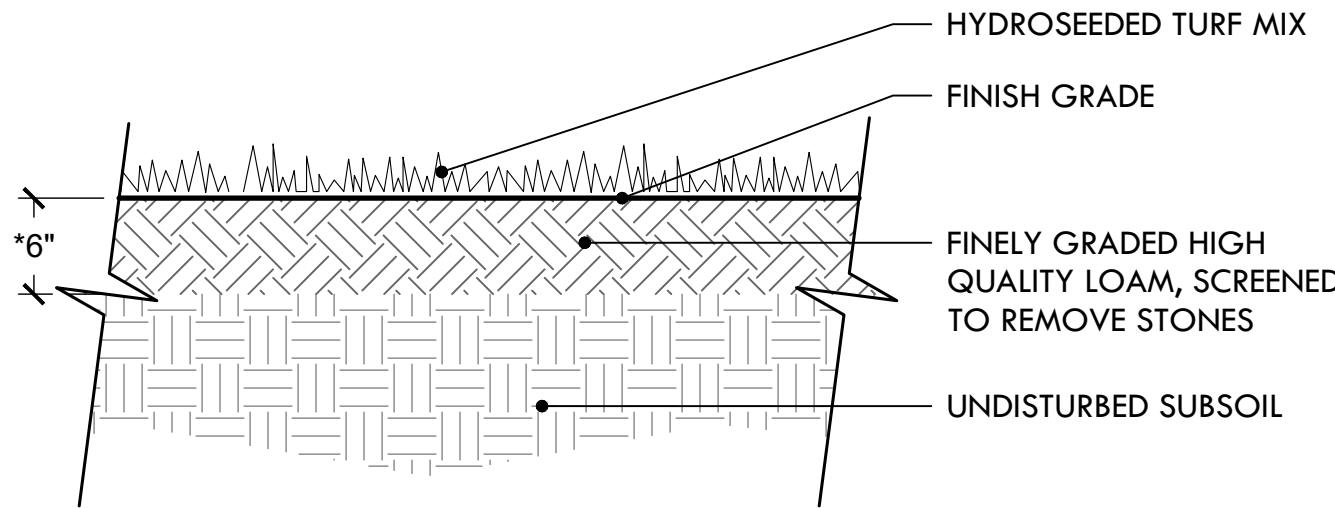
SAND FILTER BIORETENTION: 2" PLUG MIX:	
...	flat/50 Echinacea purpurea (Purple Coneflower)
(4)	flat/50 Solidago graminifolia (Grass-Leaved Goldenrod)
(4)	flat/50 Rudbeckia fulgida (Black-Eyed Susan)
(4)	flat/50 Lobelia cardinalis (Cardinal Flower)
(2)	flat/50 Symphyotrichum novae-angliae (New England Aster)
(2)	flat/50 Symphyotrichum novae-belgii (New York Aster)
(3)	flat/50 Vernonia noveboracensis (New York Ironweed)
(3)	flat/50 Eutrochium dubium 'Little Joe' (Little Joe Pye weed)

STORMWATER ATTENUATION TERRACE: 2" PLUG MIX:	
(7)	flat/50 Panicum virgatum (Switchgrass)
(7)	flat/50 Asclepias tuberosa (Butterfly Milkweed)
(7)	flat/50 Coreopsis lanceolata (Lanceleaf Coreopsis)
(7)	flat/50 Helianthus annuus (Smooth Oxeeye)
(7)	flat/50 Echinacea purpurea (Purple Coneflower)
(7)	flat/50 Solidago speciosa (Showy Goldenrod)
(7)	flat/50 Symphyotrichum novae-angliae (New England Aster)
(7)	flat/50 Symphyotrichum novae-belgii (New York Aster)
(7)	flat/50 Sorghastrum nutans (Indian Grass)
(7)	flat/50 Eragrostis spectabilis (Purple Love Grass)
(7)	flat/50 Agastache foeniculum (Anise Hyssop)
(7)	flat/50 Rudbeckia laciniata (Cutleaf Coneflower)



1 DECIDUOUS TREE PLANTING

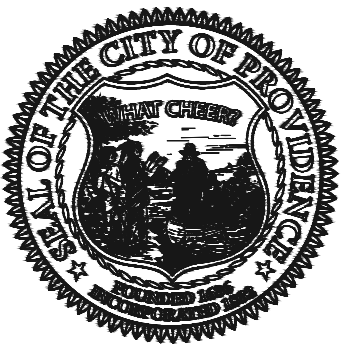
NTS



- NOTES:
- USE A PROCESSED WOOD FIBER MULCH OR WOOD/PAPER BLEND
  - ADD DOLOMITIC LIME AND SPECIFIED STARTER FERTILIZER TO LOAM PRIOR TO HYDROSEEDING
  - *DEPTH OF LOAM MAY BE LESS THAN 6" IN AREAS OF TRANSITION (FEATHERING) TO EXISTING LAWN AND FOR REPAIR TO DISTURBED AREAS.
  - LIGHTLY DISTURBED AREAS TO BE AERATED, TOP-DRESSED W/ LOAM & SLICE-SEEDED.

2 LOAM & HYDROSEED

NTS



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PROJECT:

Site Improvements at  
James Ahern Park

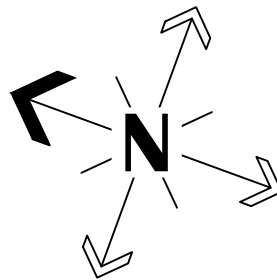
1 Wallace St  
Providence, RI

REVISIONS:

Date Issued For:

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- - -  
- - -

NORTH ARROW



SCALE

0 10' 20' 40'



SCALE: 1"=20'

DRAWING INFO

DATE ISSUED: 10/21/24  
PROJECT NO: JAPK.24.01  
DRAWN BY: SH, II  
CHECKED BY: MG

SHEET TITLE

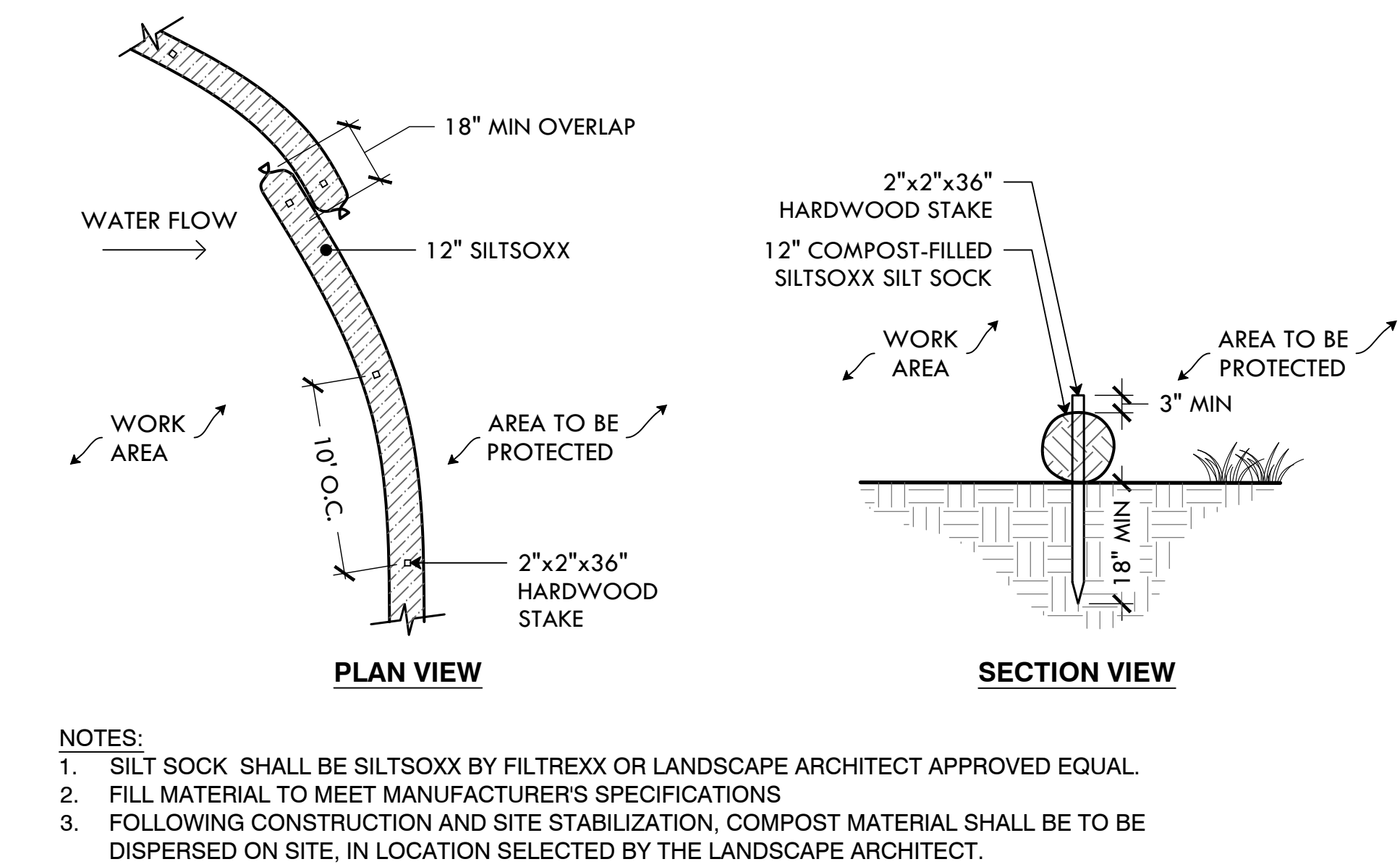
Planting Plan

L-6

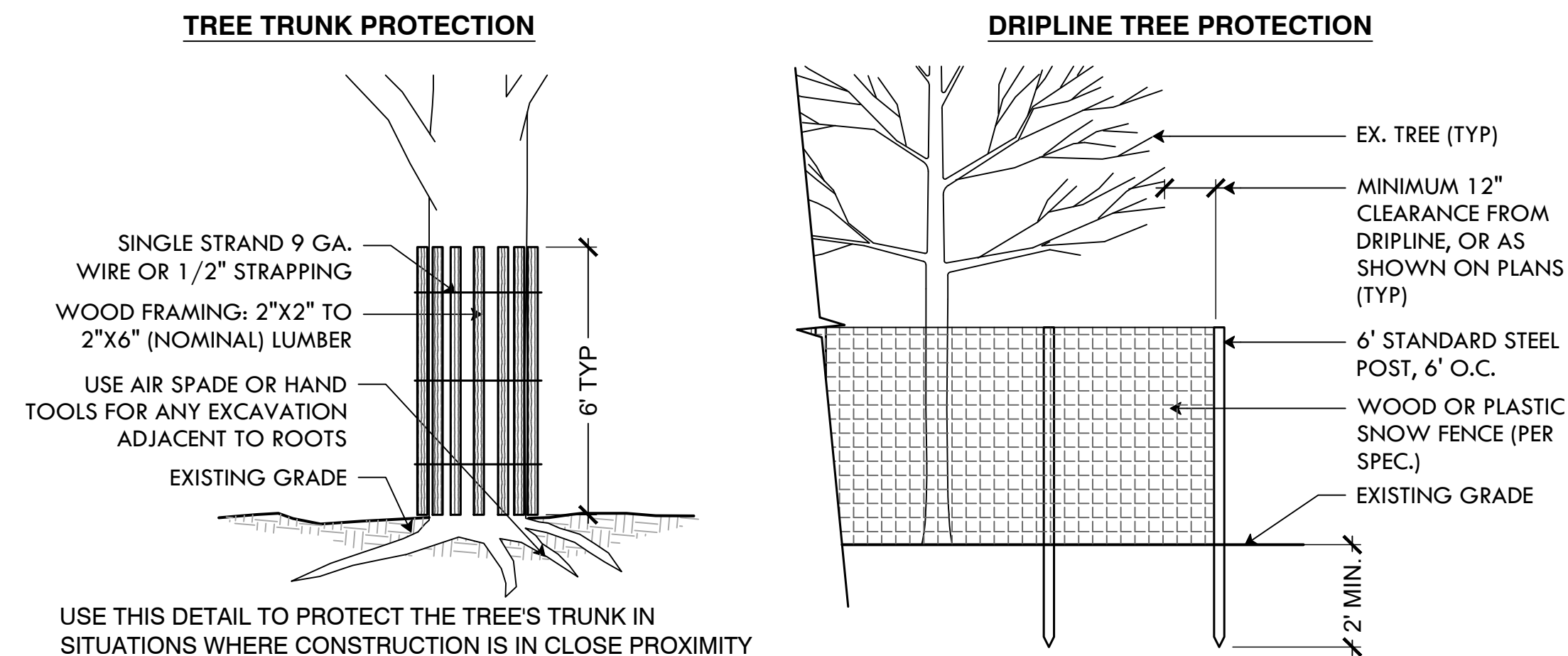
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FILE: JAPK.24-PLANS.dwg

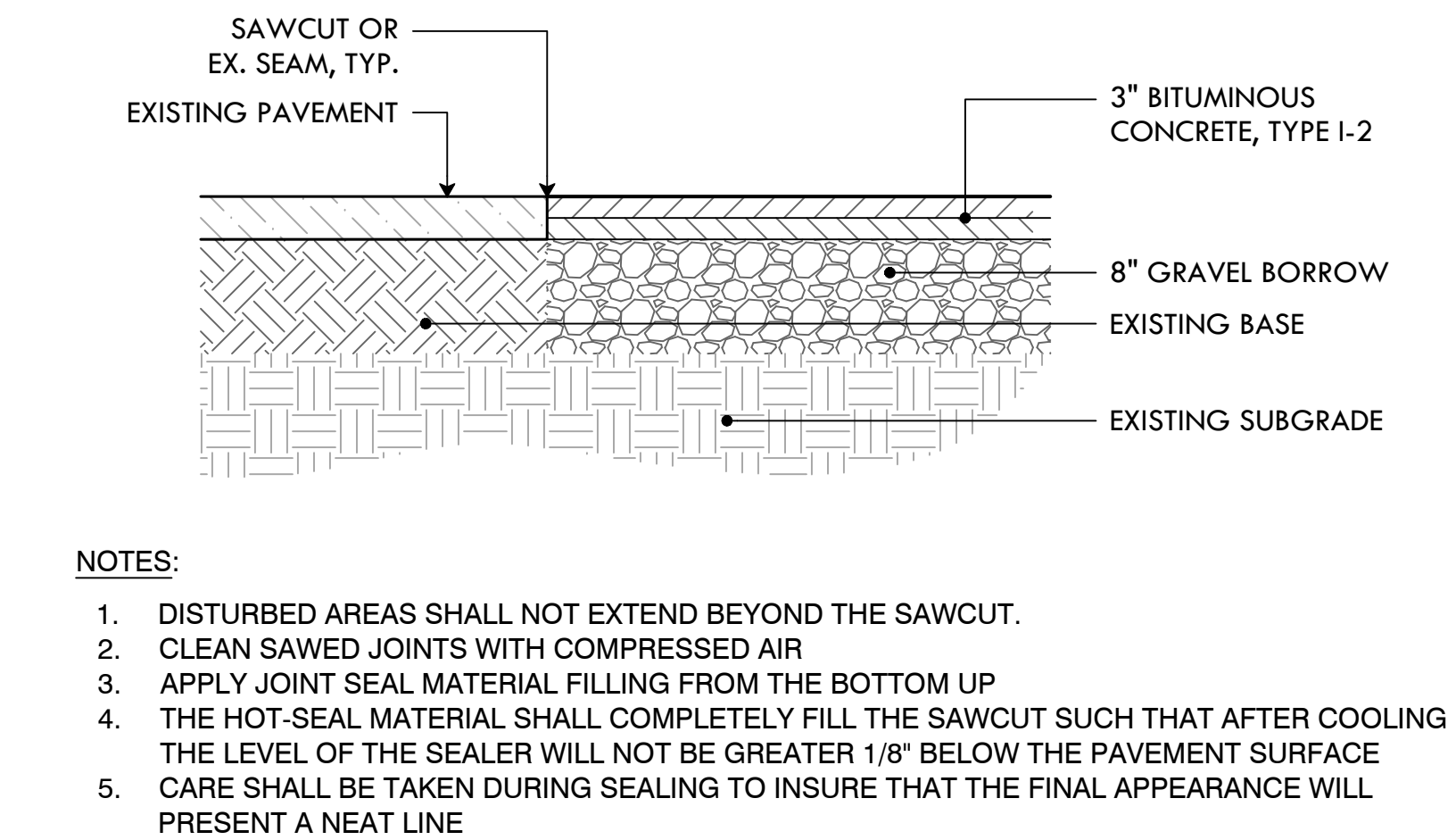




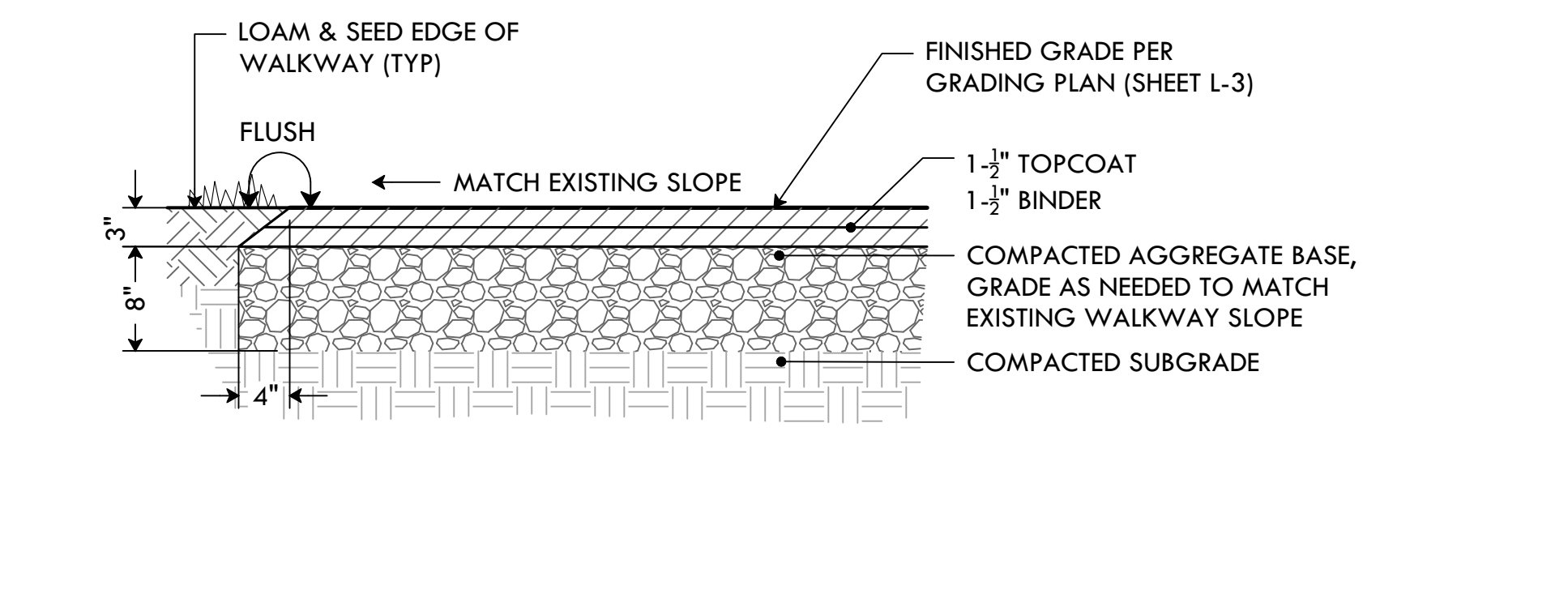
1 SILT SOCK/COMPOST FILTER SOCK EROSION CONTROL  
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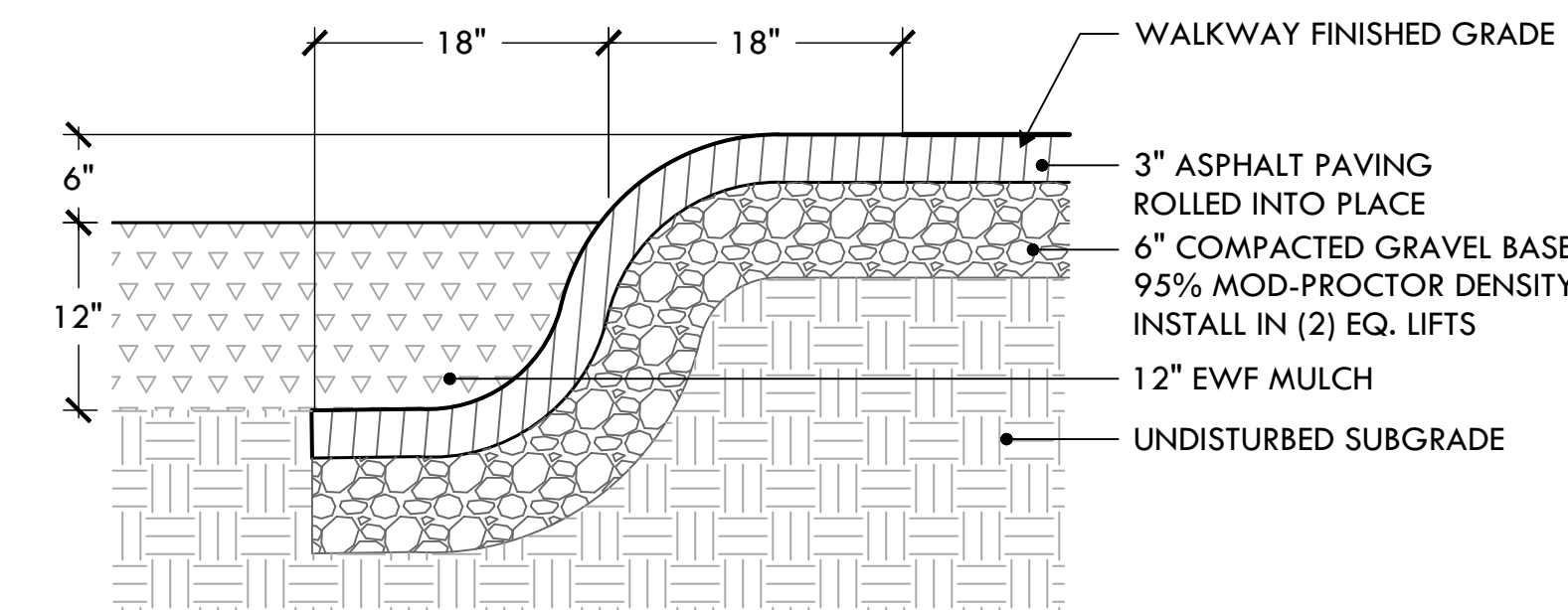
2 TREE PROTECTION DEVICES  
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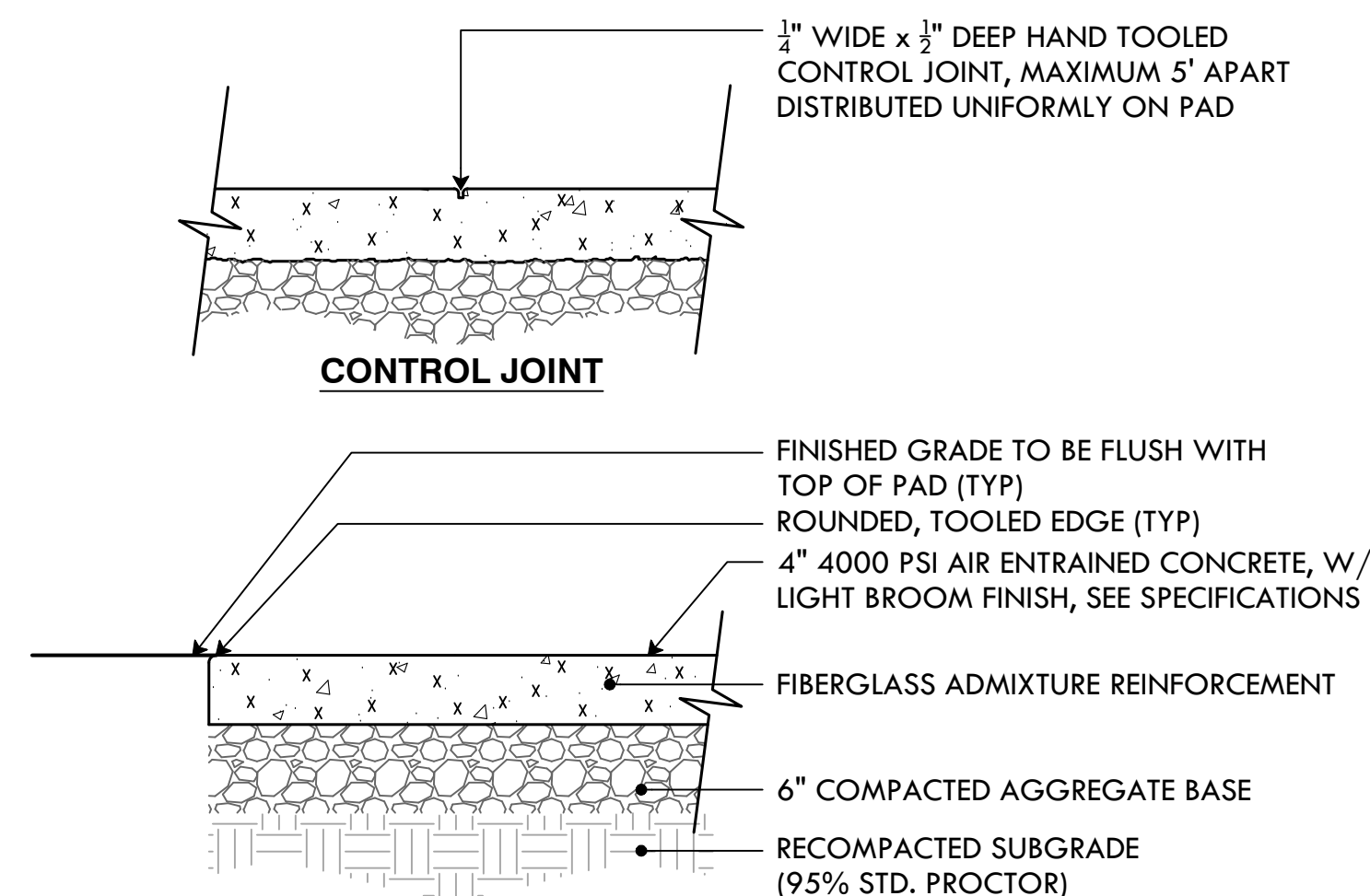
3 ASPHALT SAW CUT  
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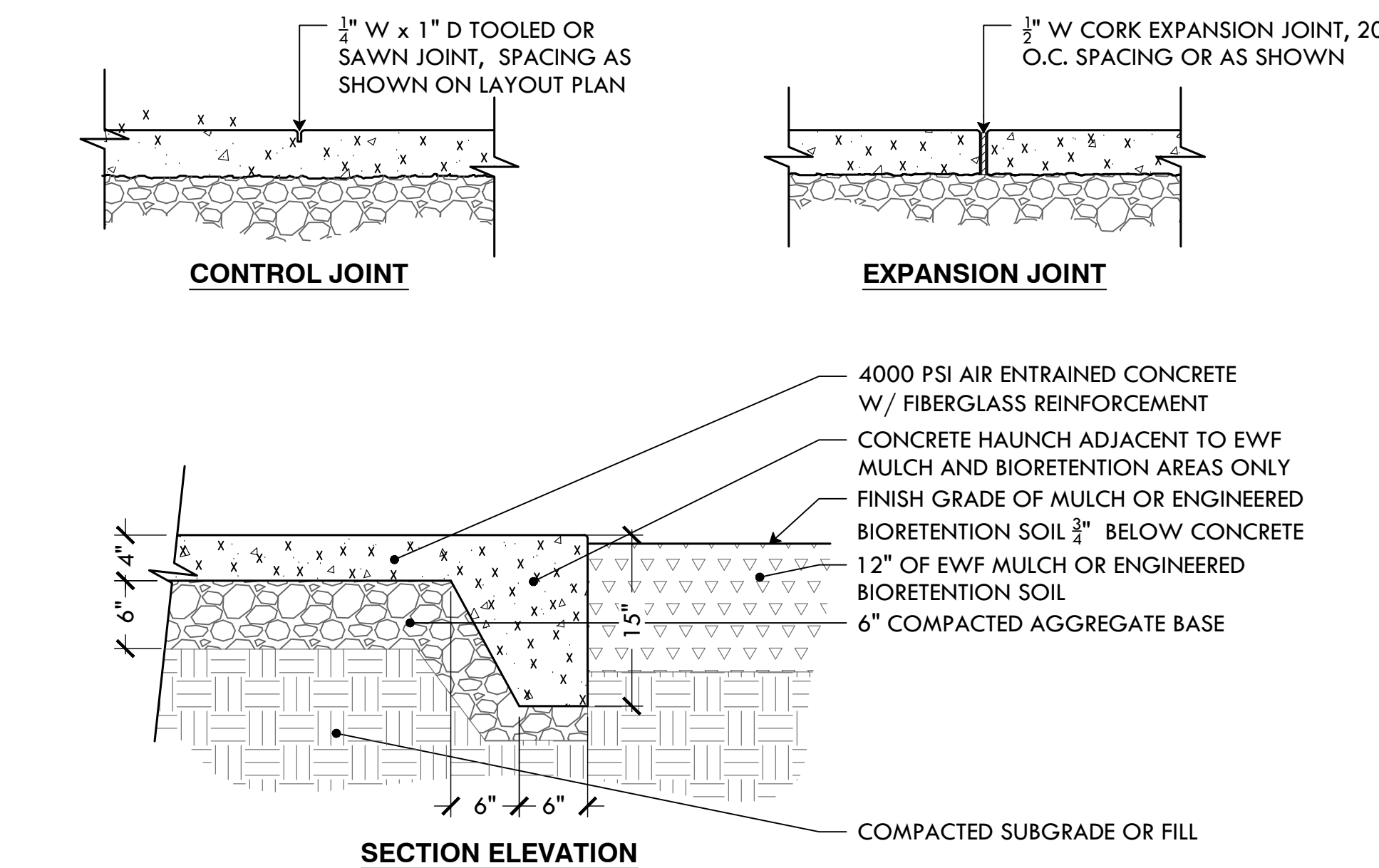
4 3" ASPHALT PAVING  
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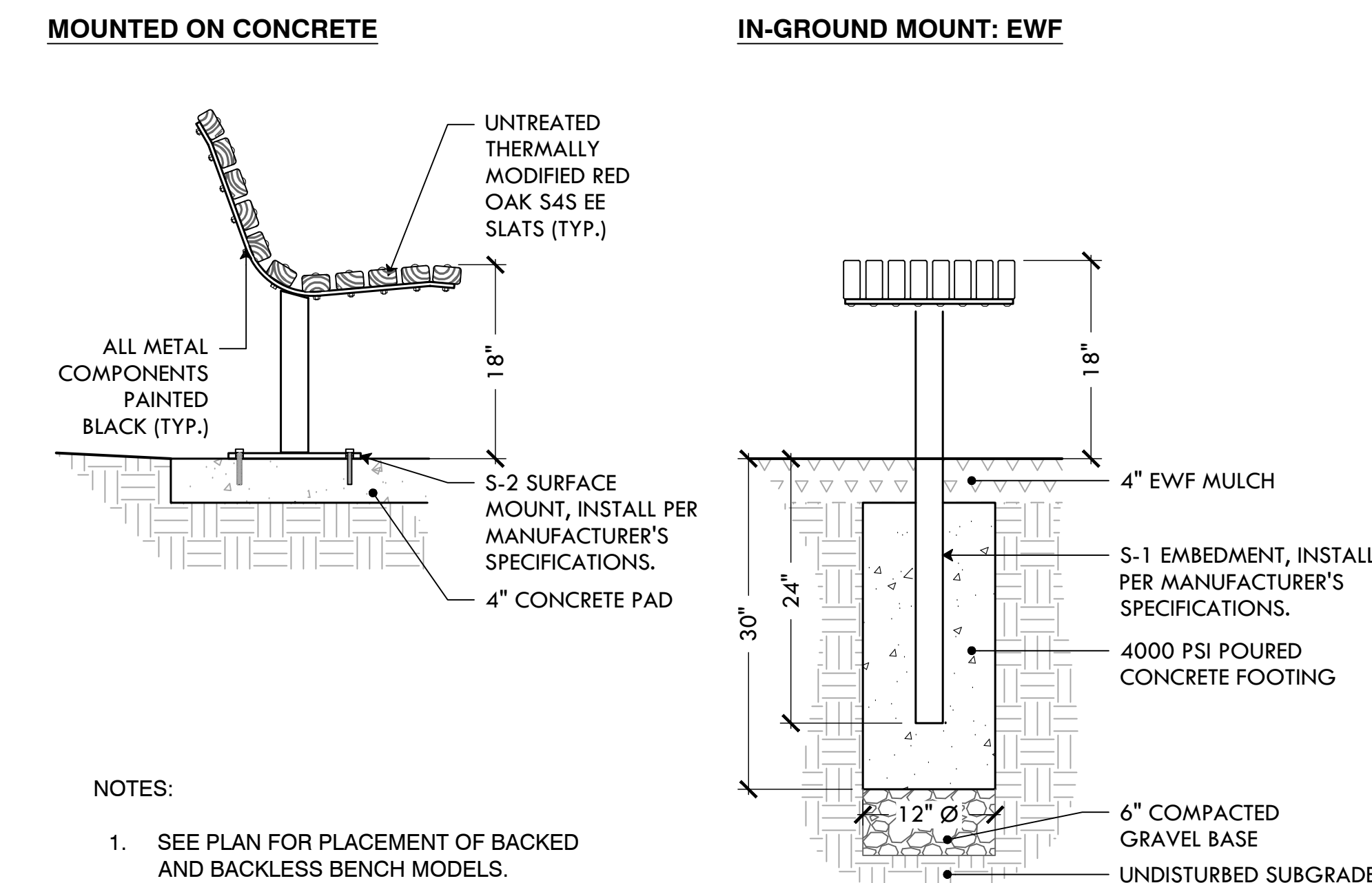
5 ROLL DOWN ASPHALT PLAY CURB  
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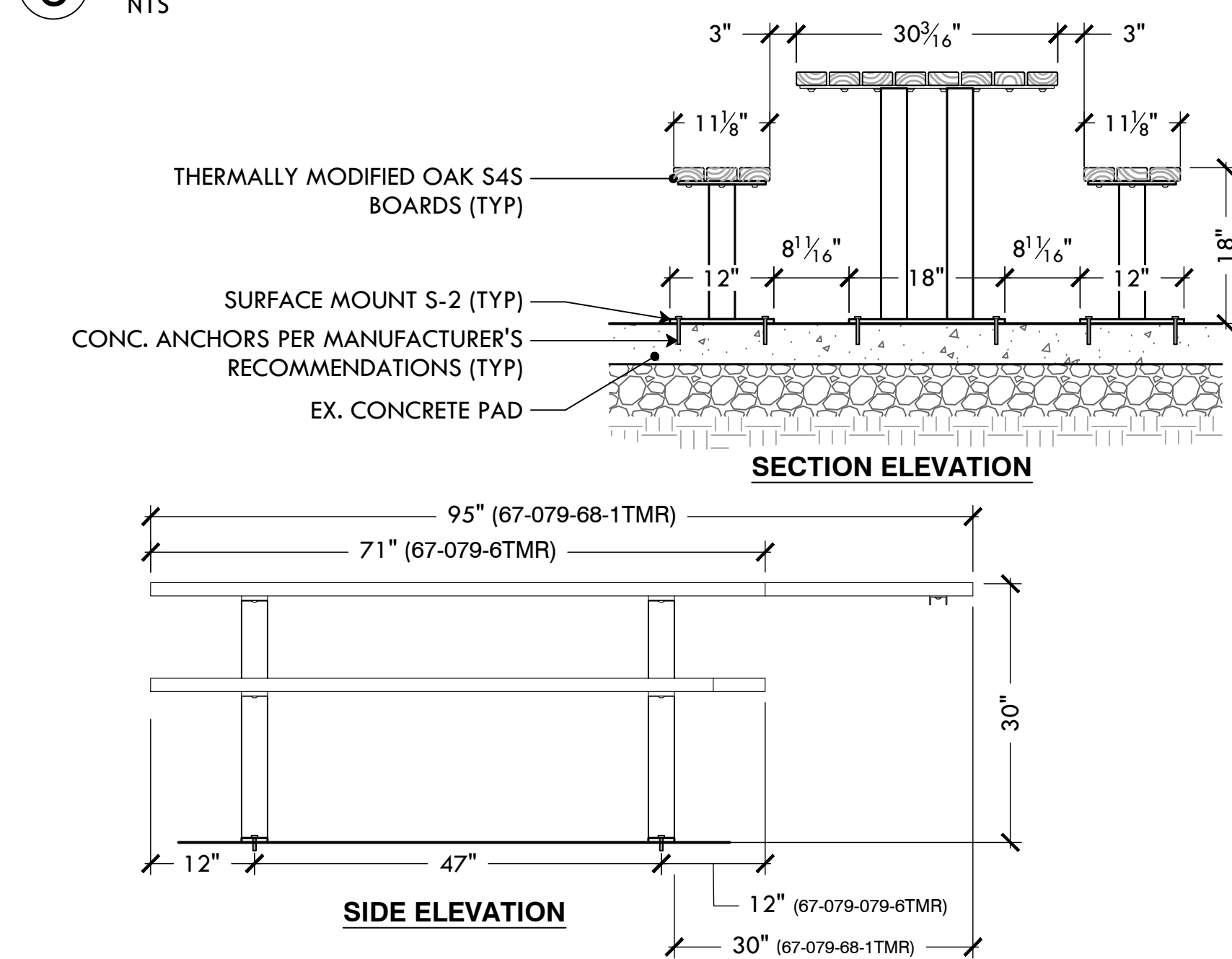
6 4" CONCRETE PAD  
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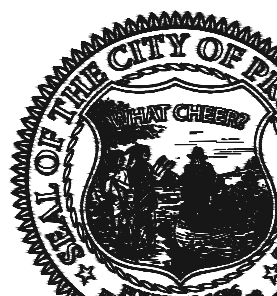
7 CONCRETE SPLASH PAD HAUNCH  
NTS




8 6' DUMOR THERMALLY MODIFIED OAK BENCH (BACKED & BACKLESS)  
NTS



9 DUMOR THERMALLY MODIFIED OAK PICNIC TABLE (ADA & NON-ADA)  
NTS



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**PROJECT:**  
**Site Improvements at**  
**James Ahern Park**

**1 Wallace St**  
Providence, RI

**REVISIONS:**

Date	Issued For:
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**NORTH ARROW**

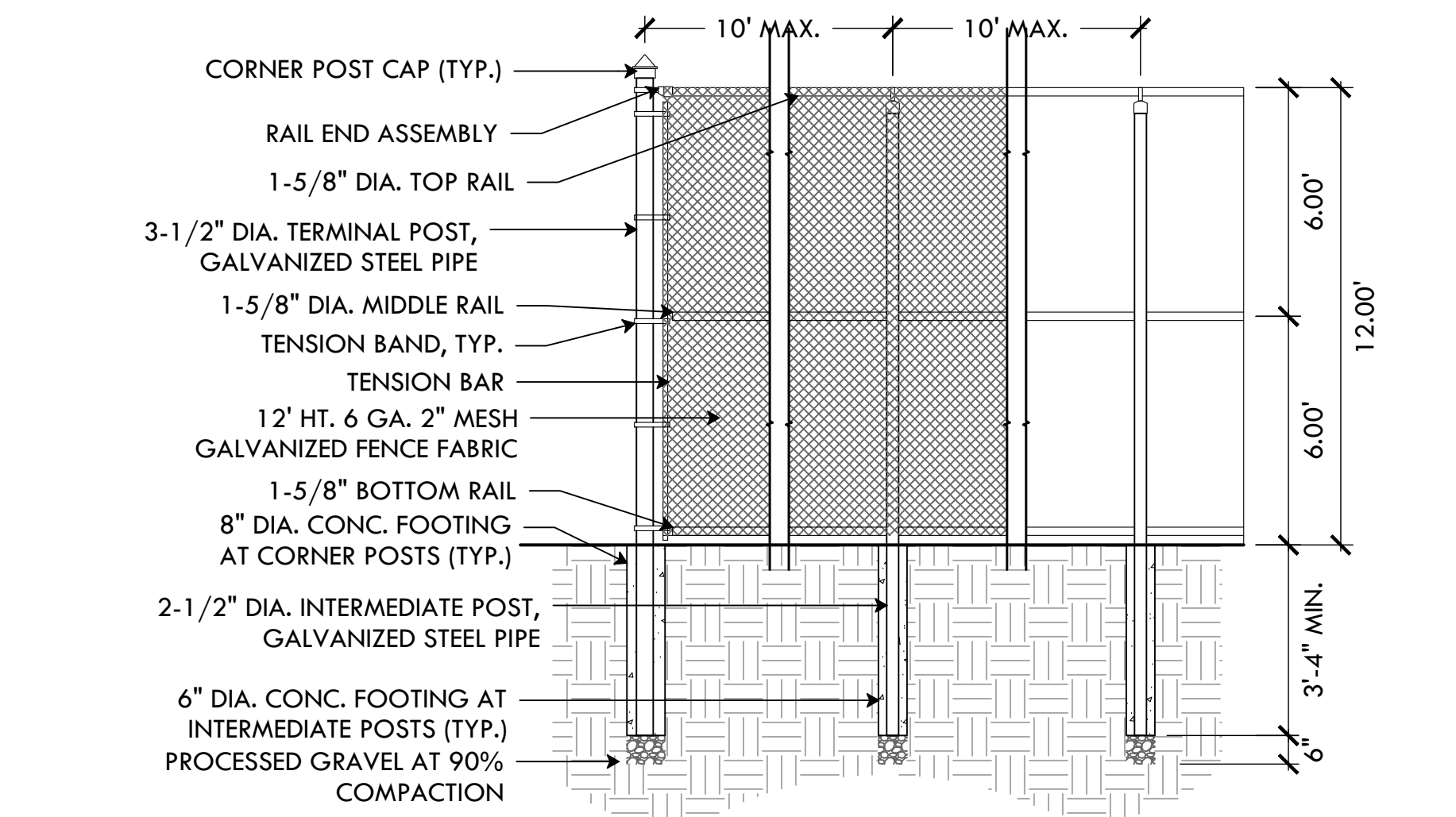
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**DRAWING INFO**  
DATE ISSUED: 10/21/24  
PROJECT NO: JAPK.24.01  
DRAWN BY: SH, II  
CHECKED BY: MG

**SHEET TITLE**  
**Details**

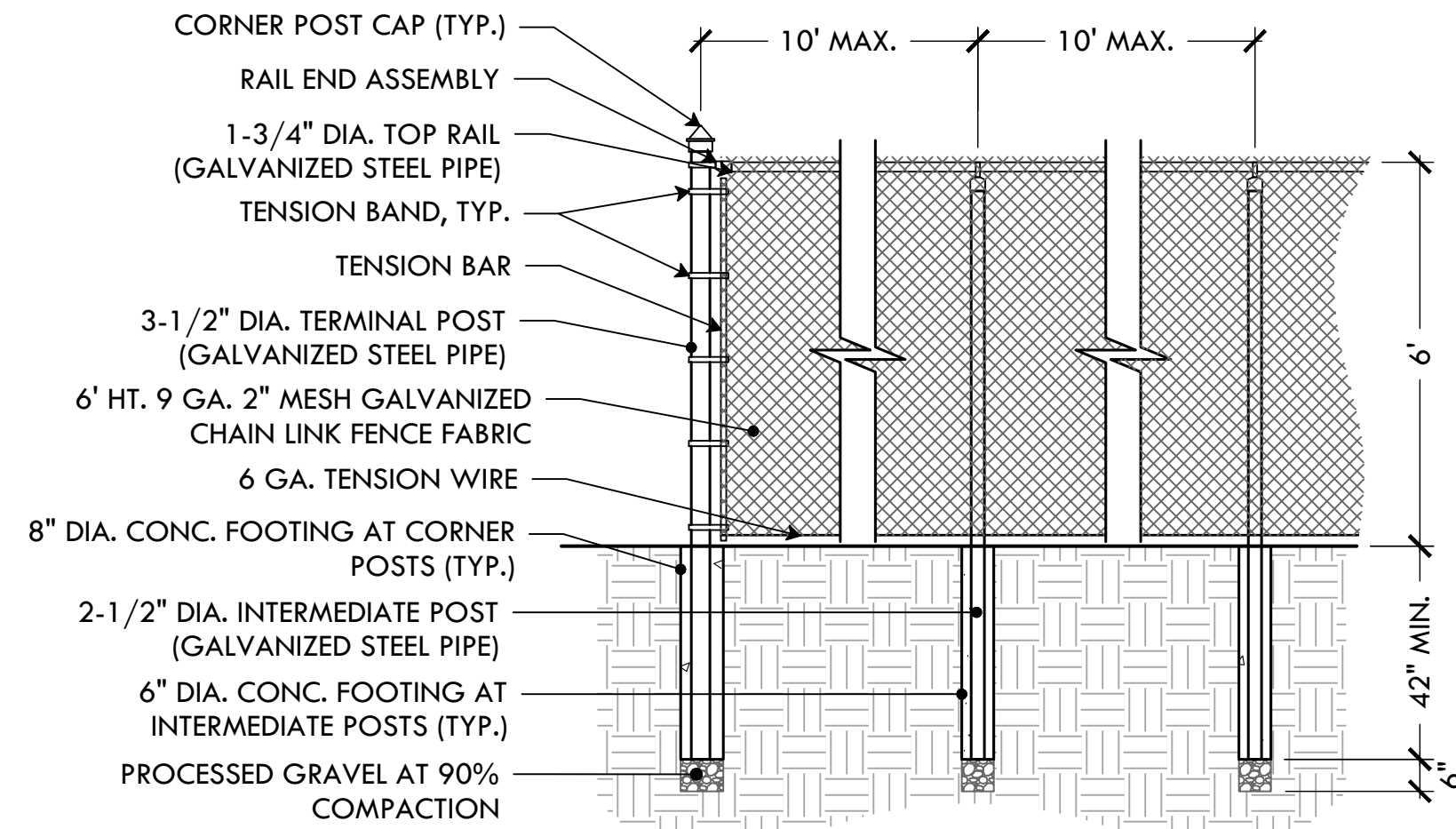
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7 OF 14





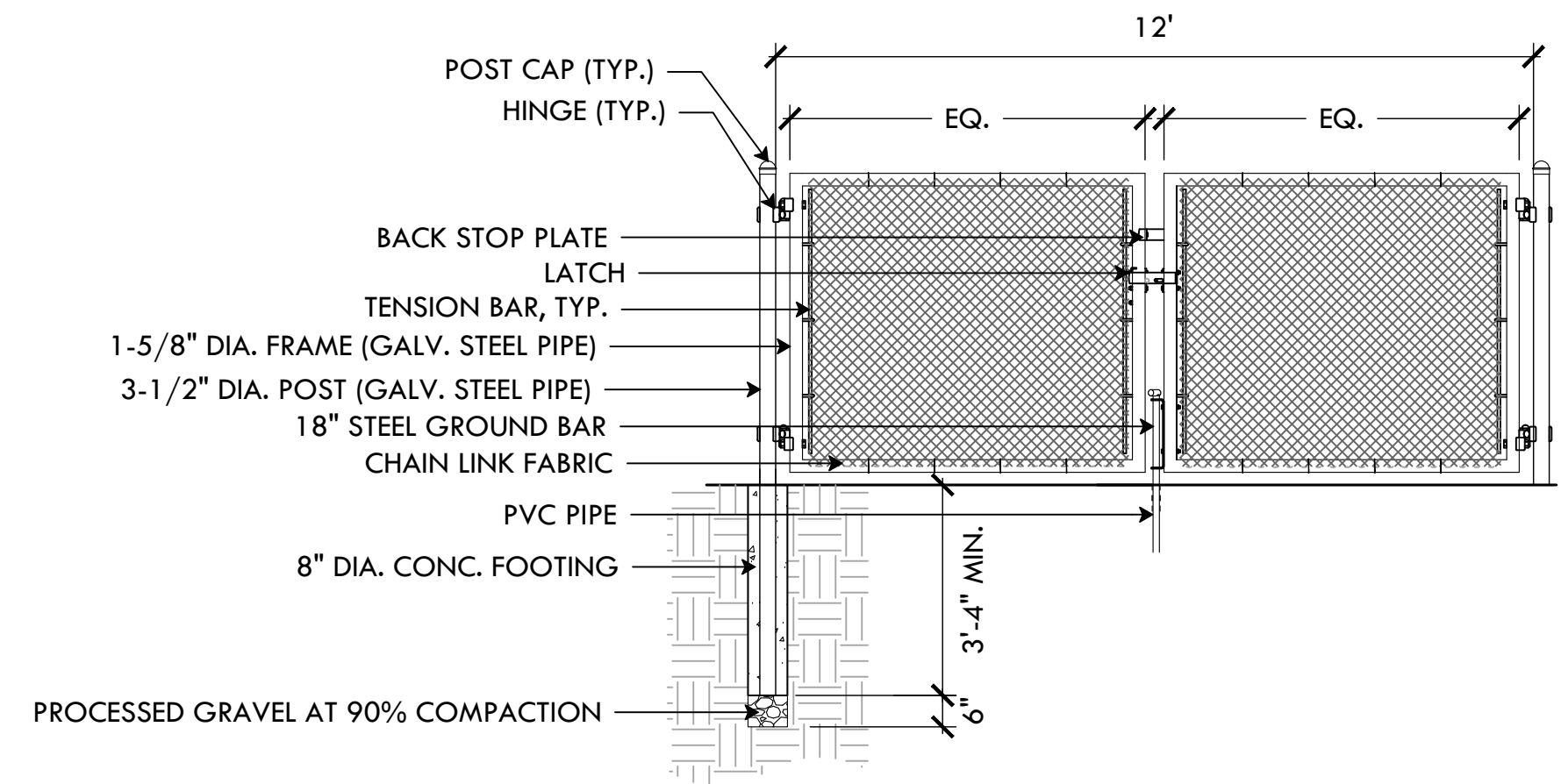
NOTES:  
FENCING TO BE TIED TO ALL RAILS & LINE POSTS W/ 9GA. WIRE SPACED AT 12"  
BRACE ALL CORNERS & TERMINAL POSTS W/ 1-3/4\"/>

10 12' CHAIN LINK FENCE  
NTS

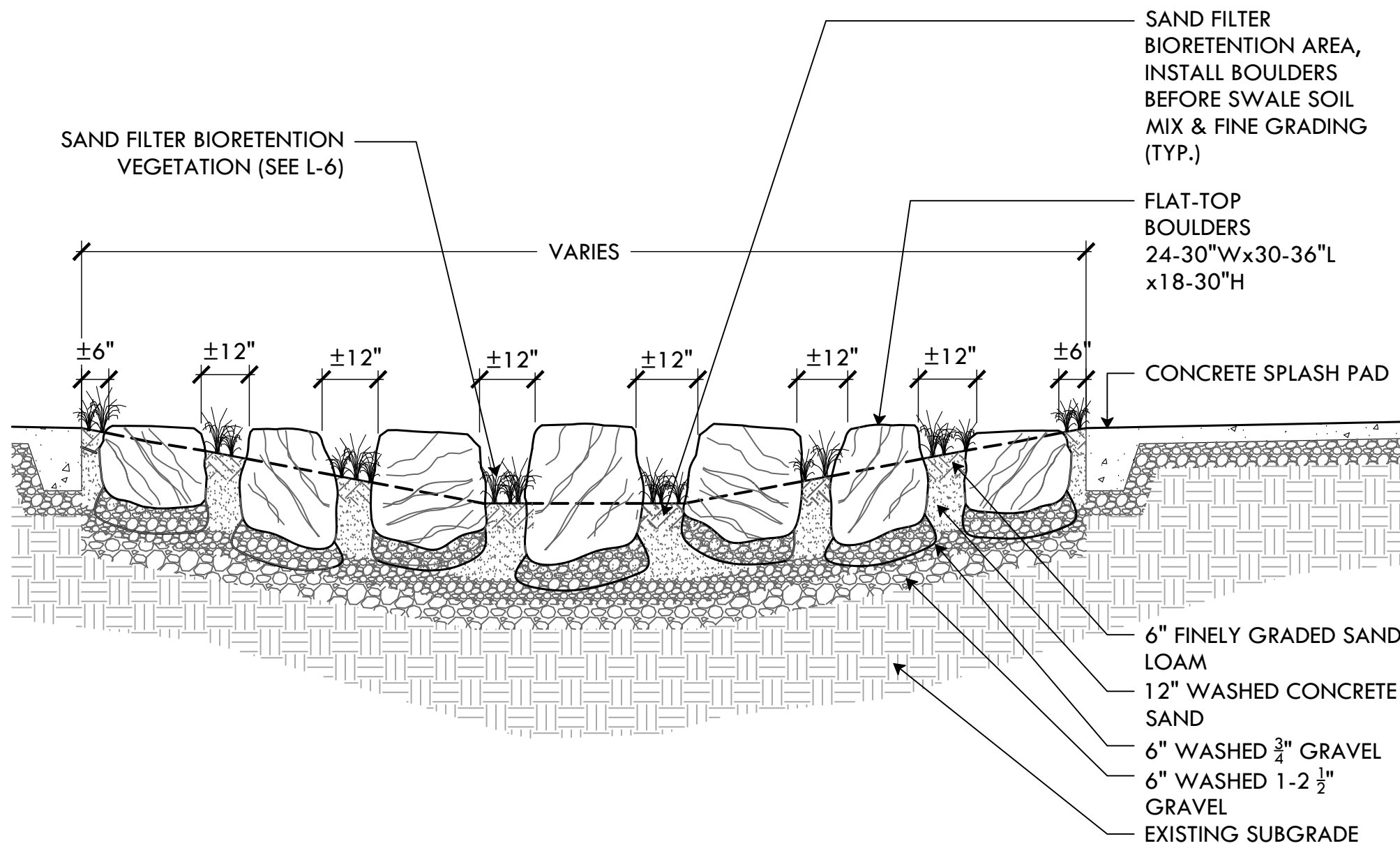


NOTES:  
1. FENCING TO BE TIED TO TOP RAILS & LINE POSTS W/ 9GA. WIRE SPACED AT 12"  
2. BRACE ALL CORNERS & TERMINAL POSTS W/ 1-3/4\"/>

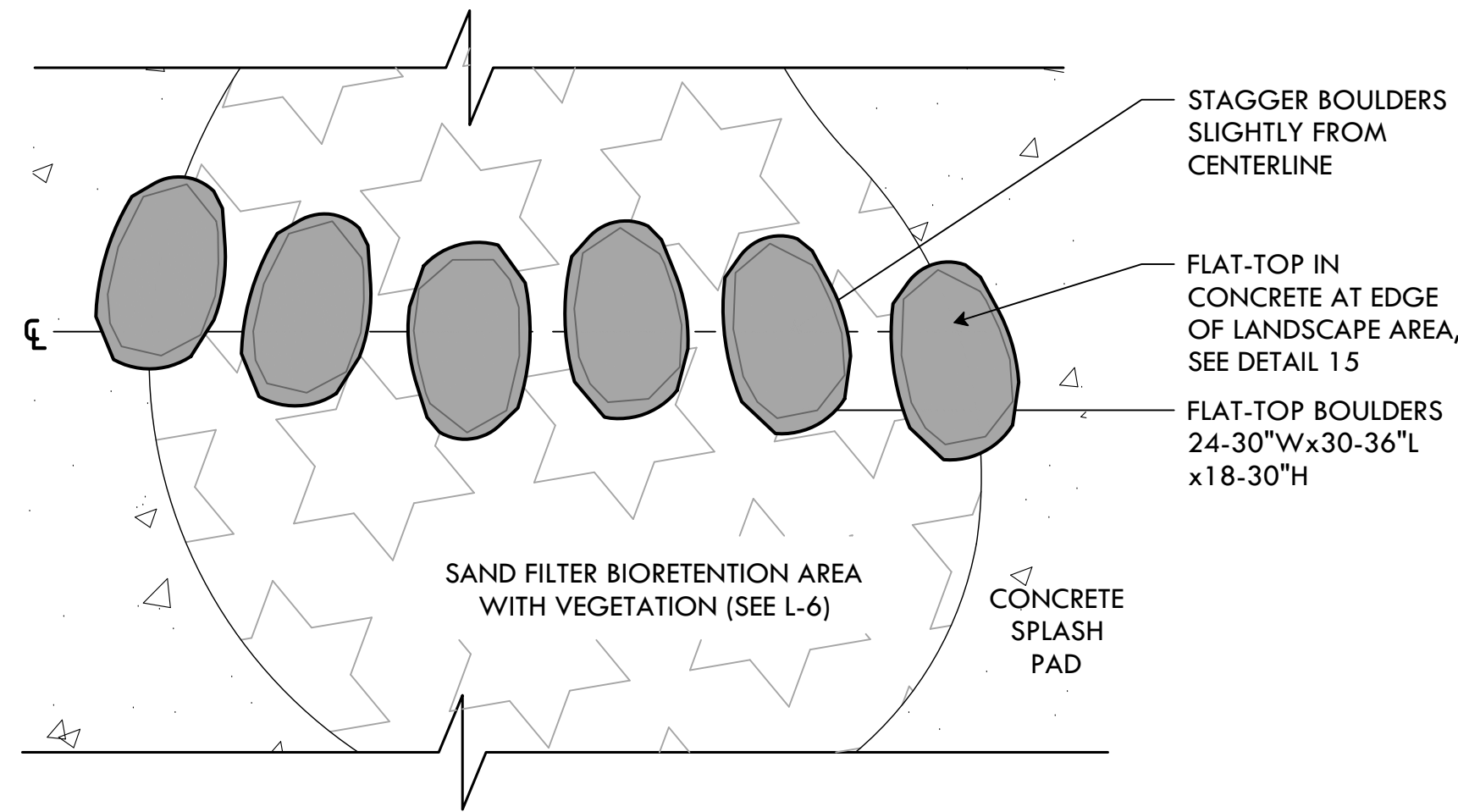
11 6' CHAIN LINK FENCE  
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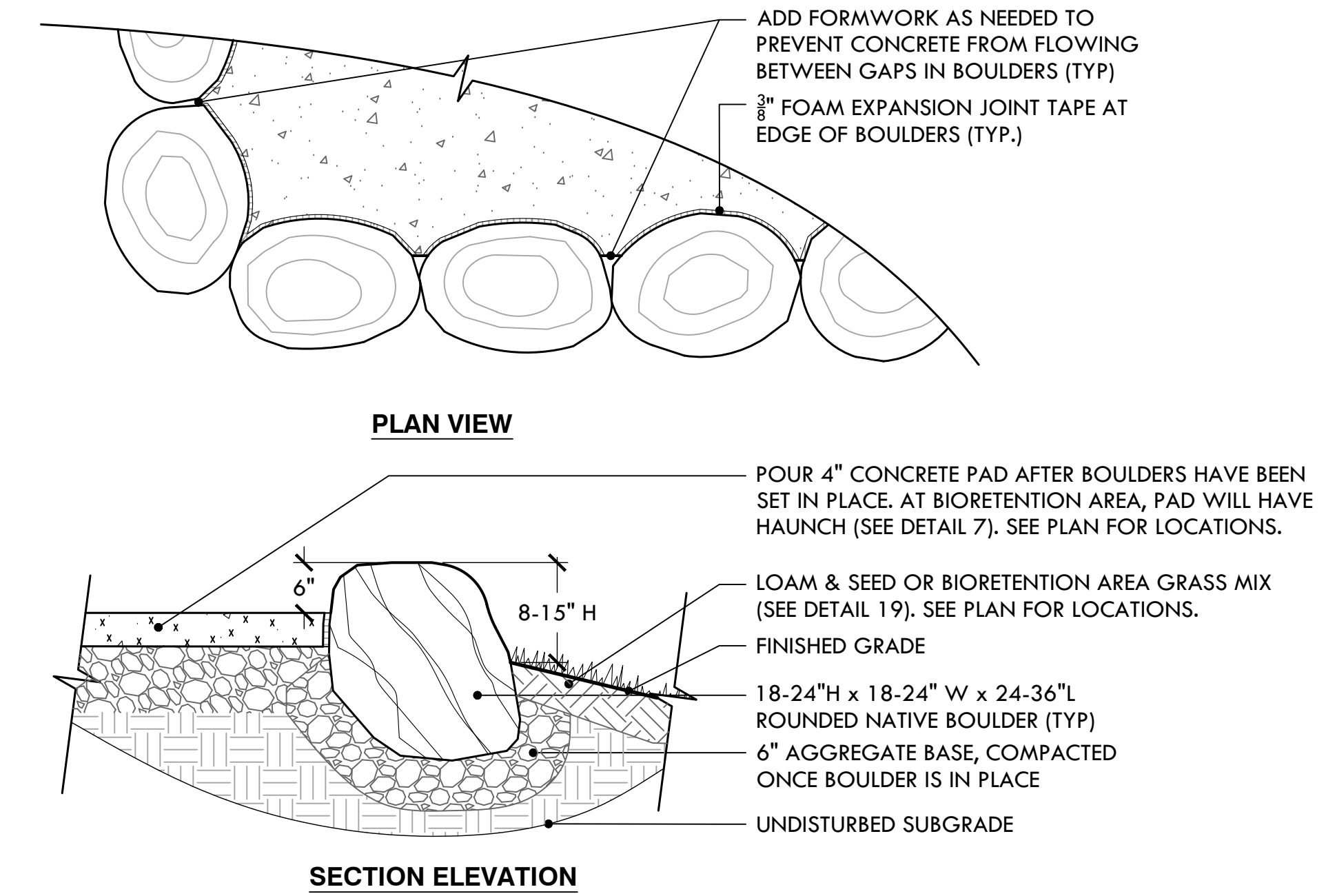
12 6' CHAIN LINK SERVICE GATE  
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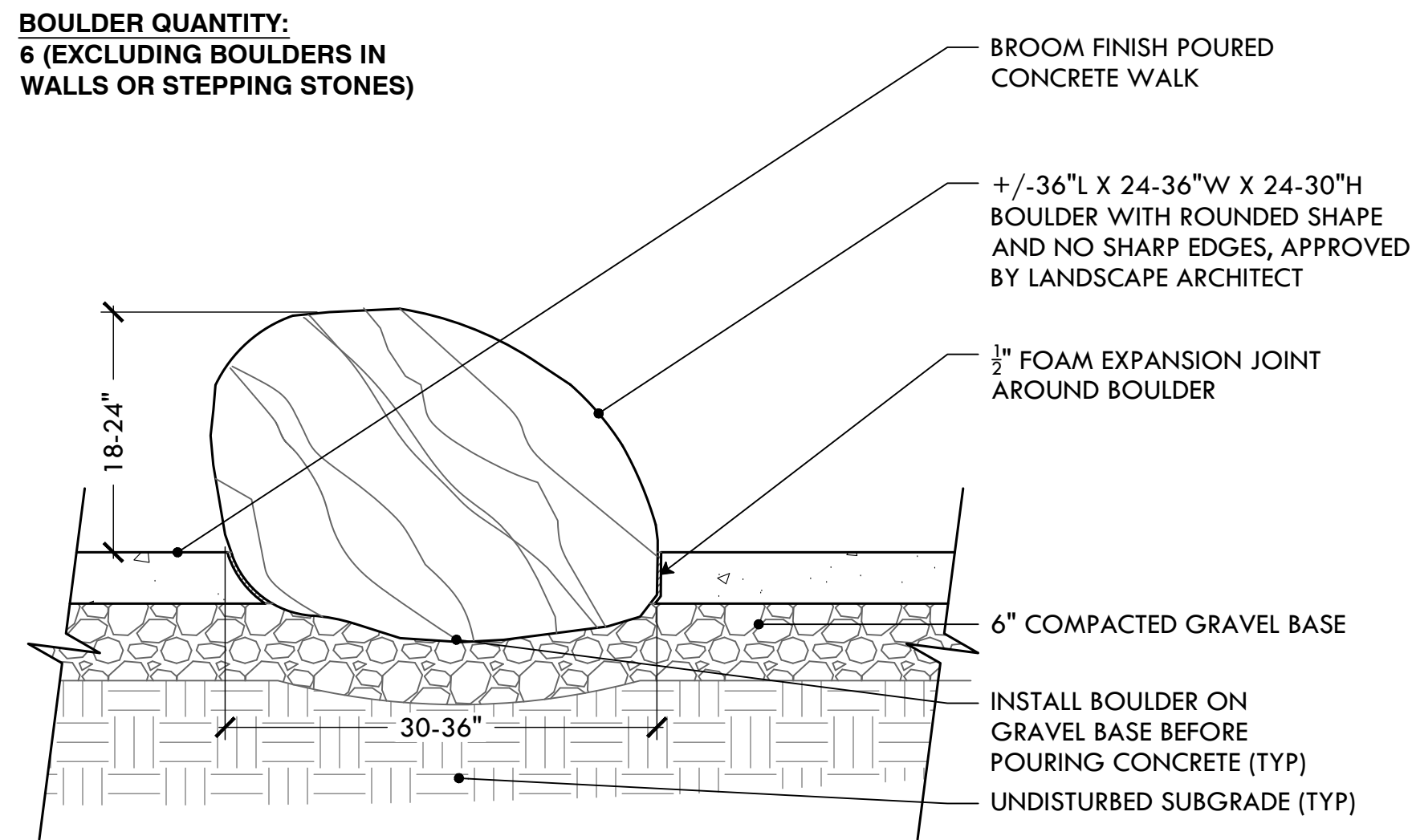
13 STEPPING STONES: SECTION ELEVATION  
NTS



14 STEPPING STONES: PLAN VIEW  
NTS

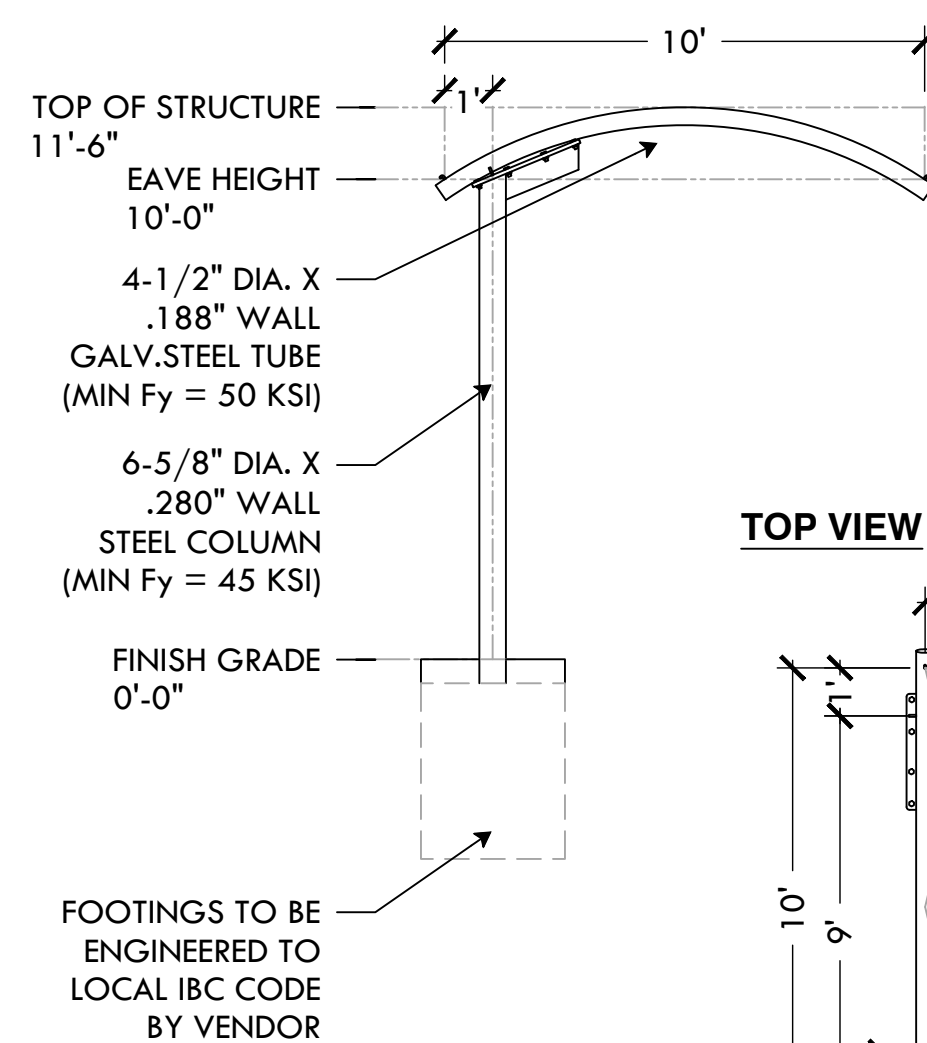


15 STEPPING STONE OR BOULDER WALL AT EDGE OF CONCRETE  
NTS



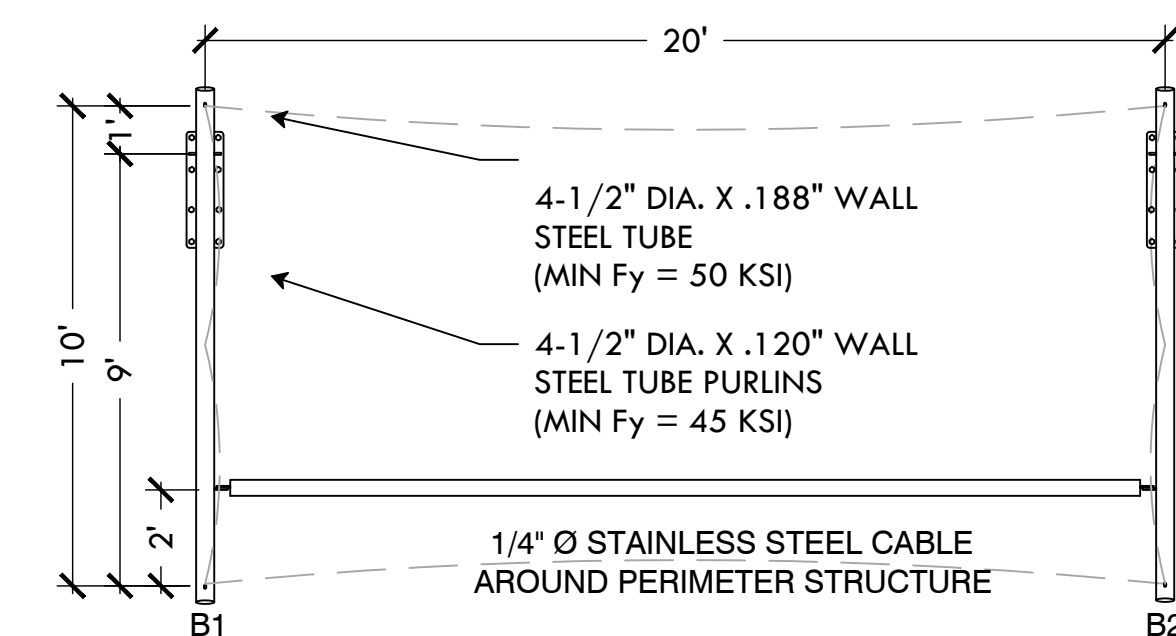
16 LANDSCAPE BOULDERS IN CONCRETE  
NTS

SIDE VIEW

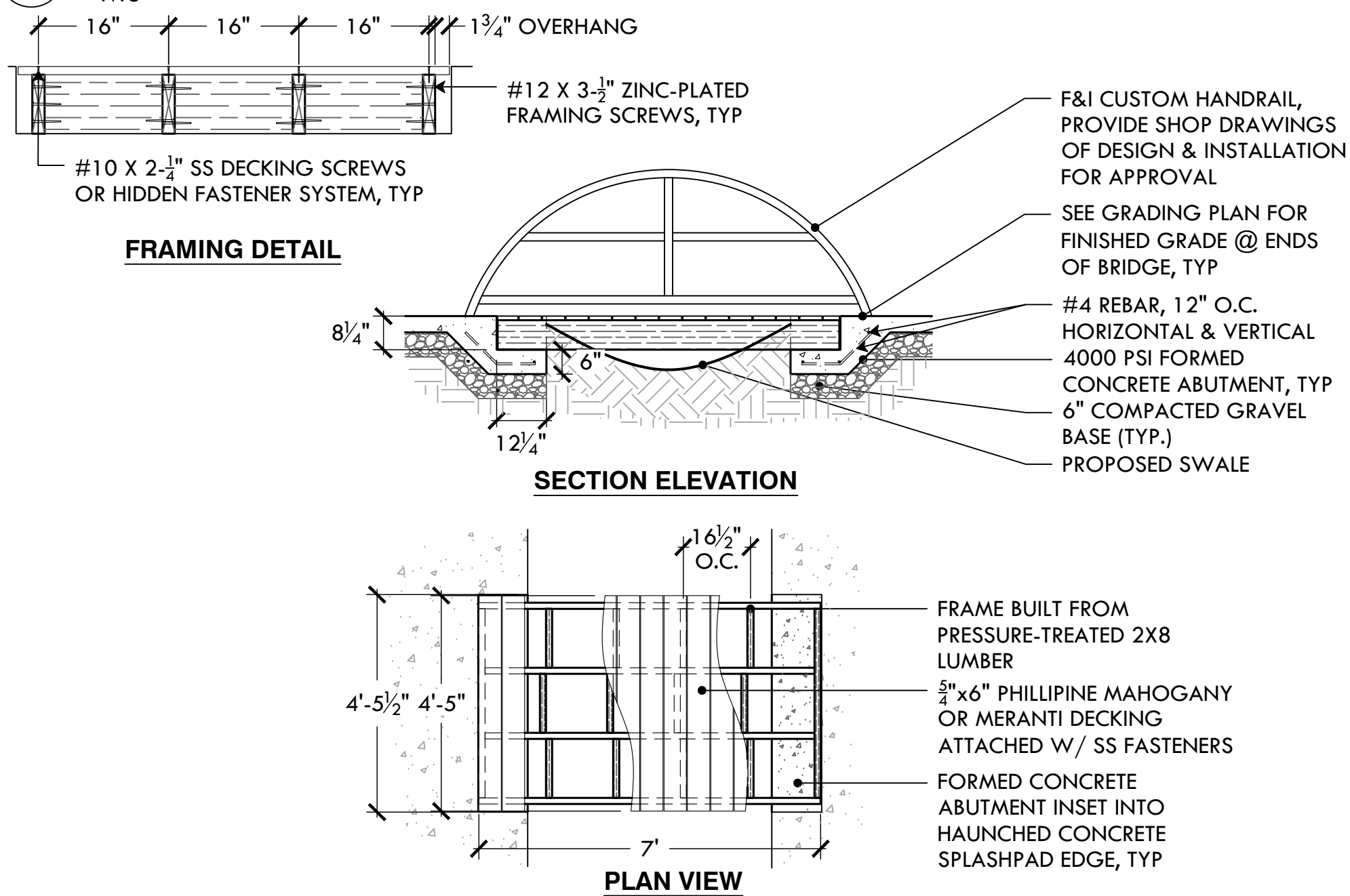


NOTES:  
DIMESIONS BY SHADE SYSTEMS, MODEL NUMBER AC102010. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

TOP VIEW



17 ARCH CANTILEVER SHADE SYSTEM  
NTS



18 FOOTBRIDGE  
NTS



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NORTH ARROW

SCALE

DRAWING INFO

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SHEET TITLE

Details

L-8

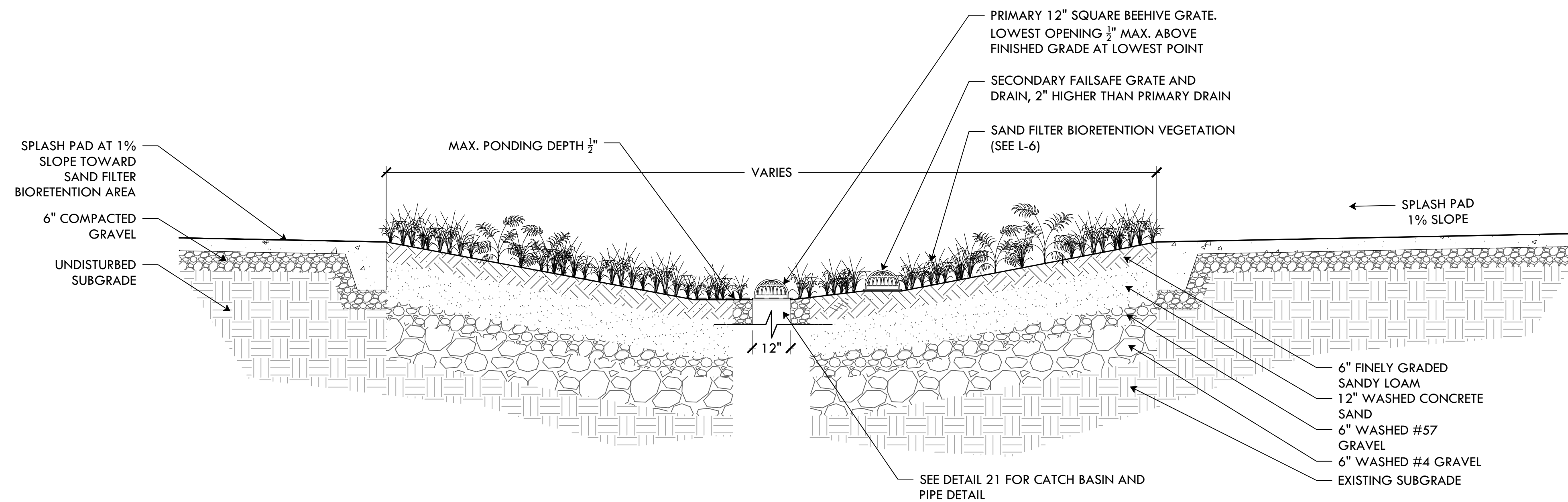
8 OF 14

FILE: JAPK.24.01-PLANS.dwg

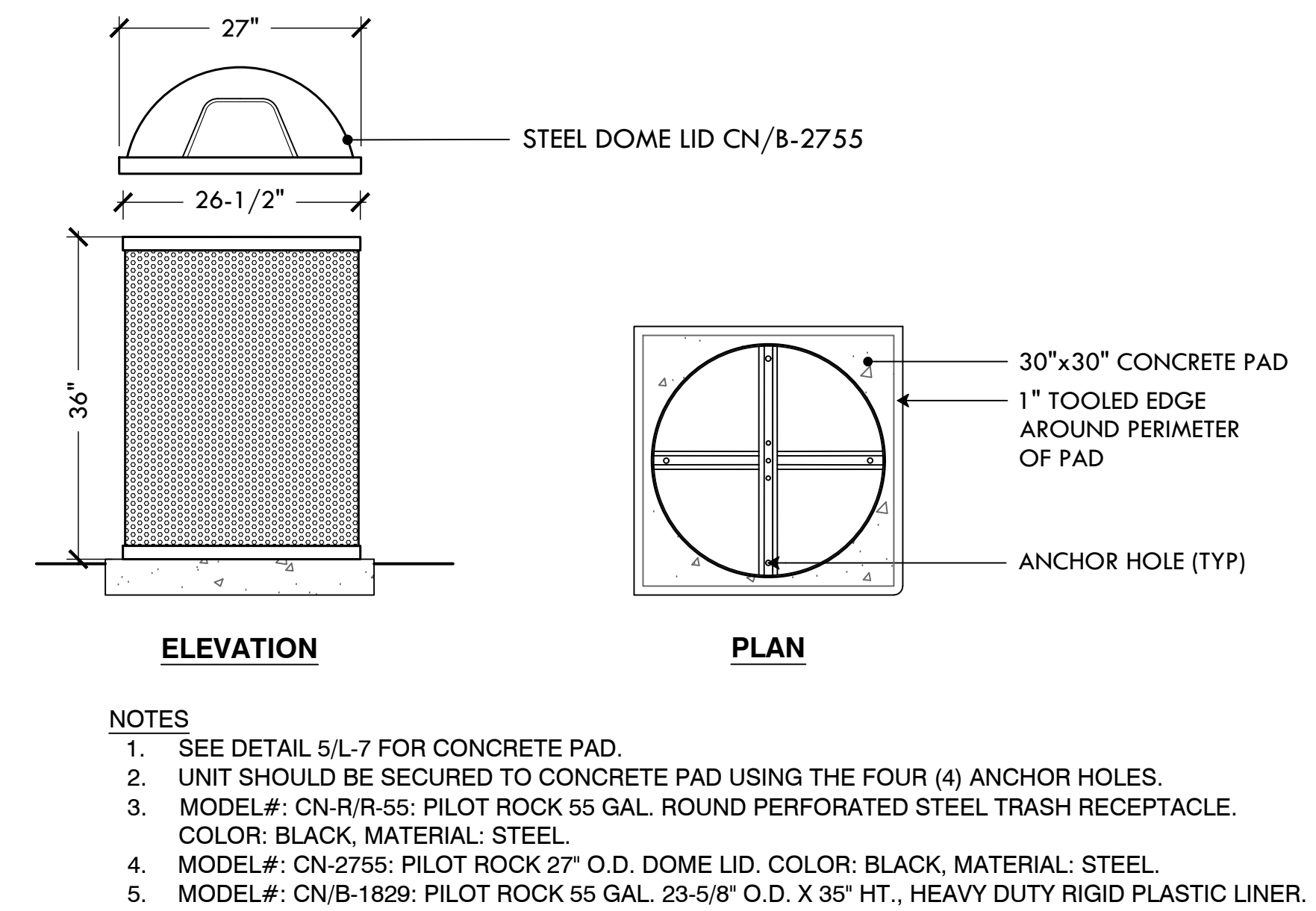


19 SAND FILTER BIORETENTION AREA  
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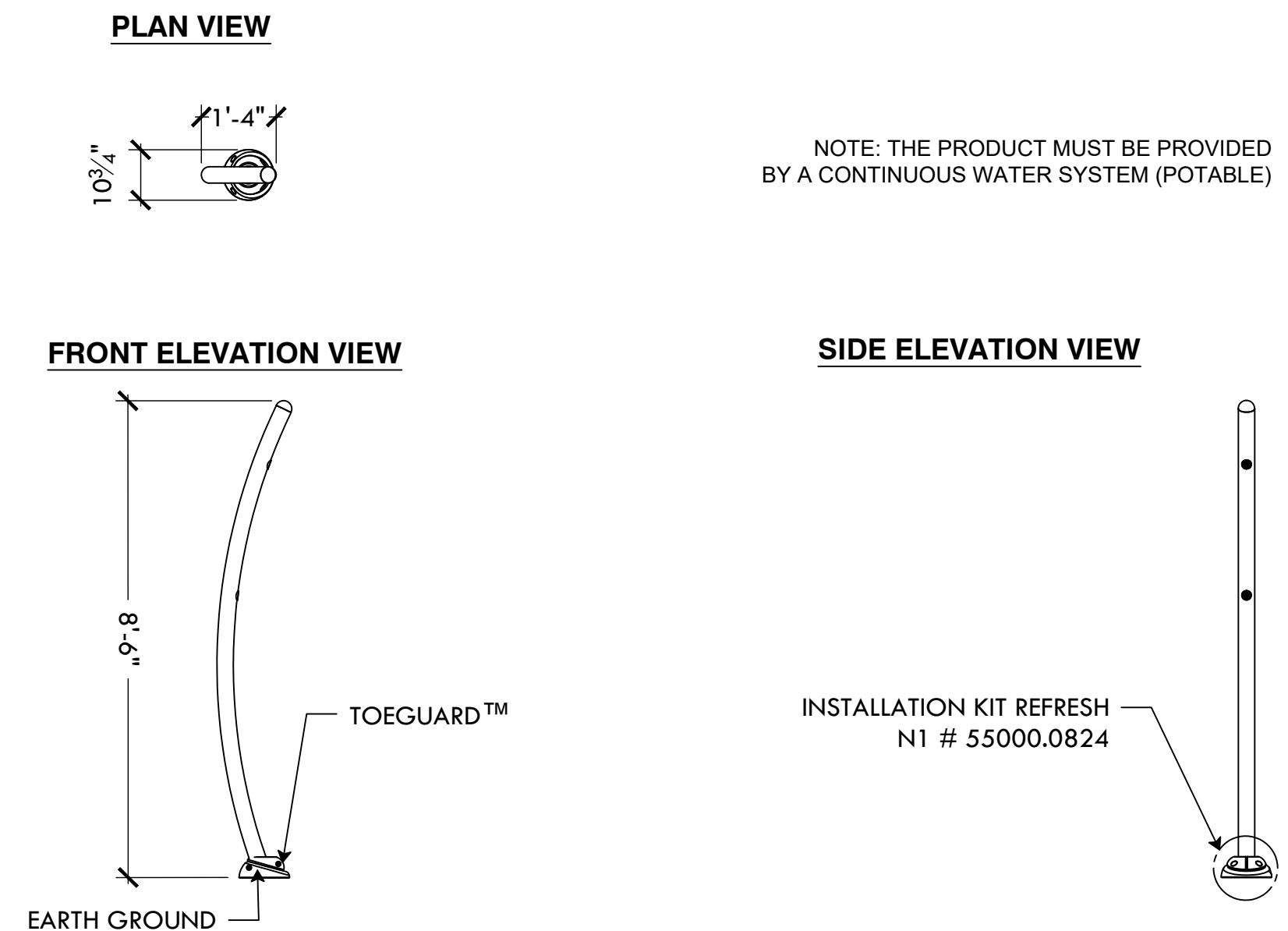
SECTION ELEVATION



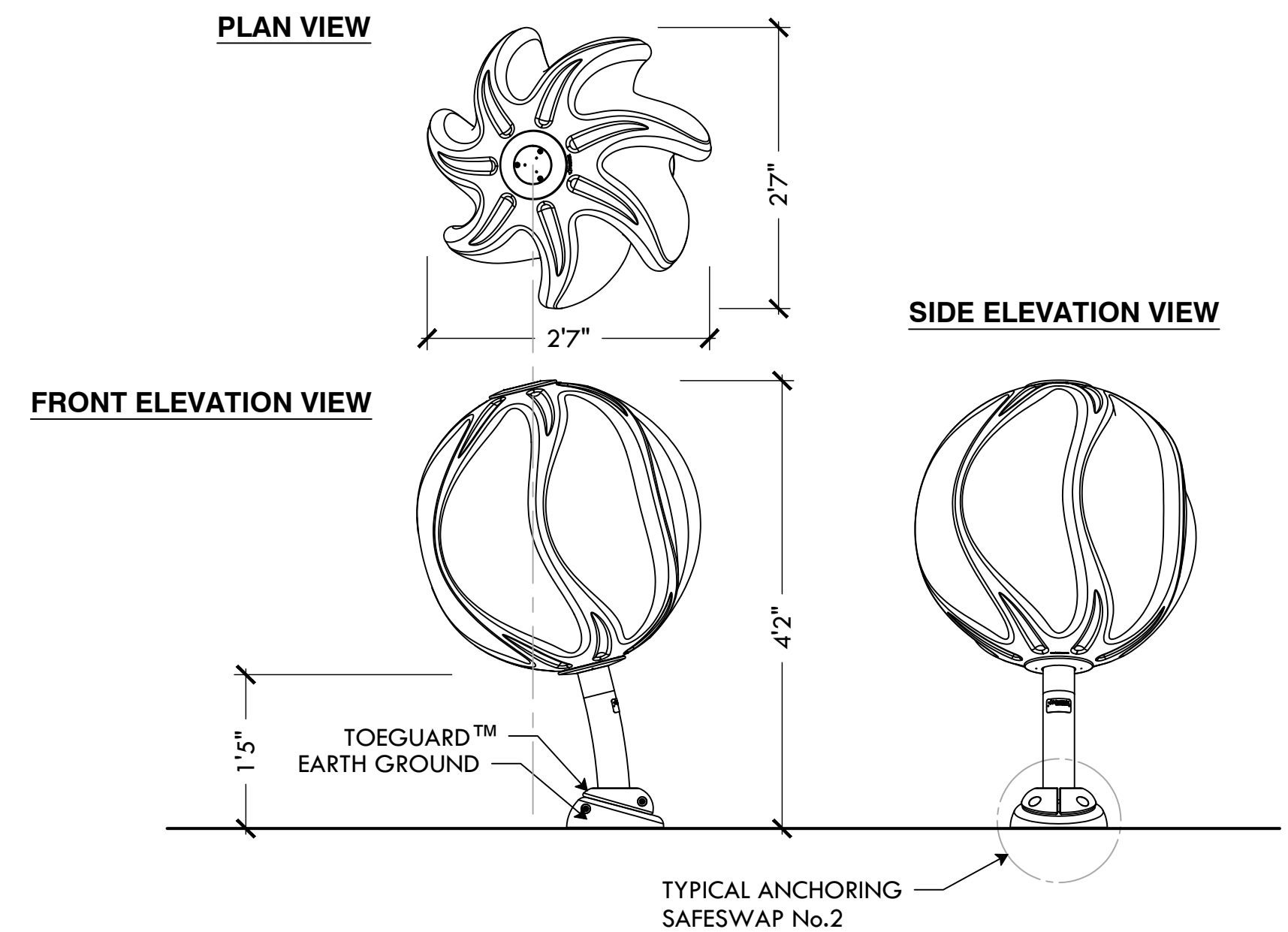
20 55-GAL TRASH RECEPTACLE WITH DOME  
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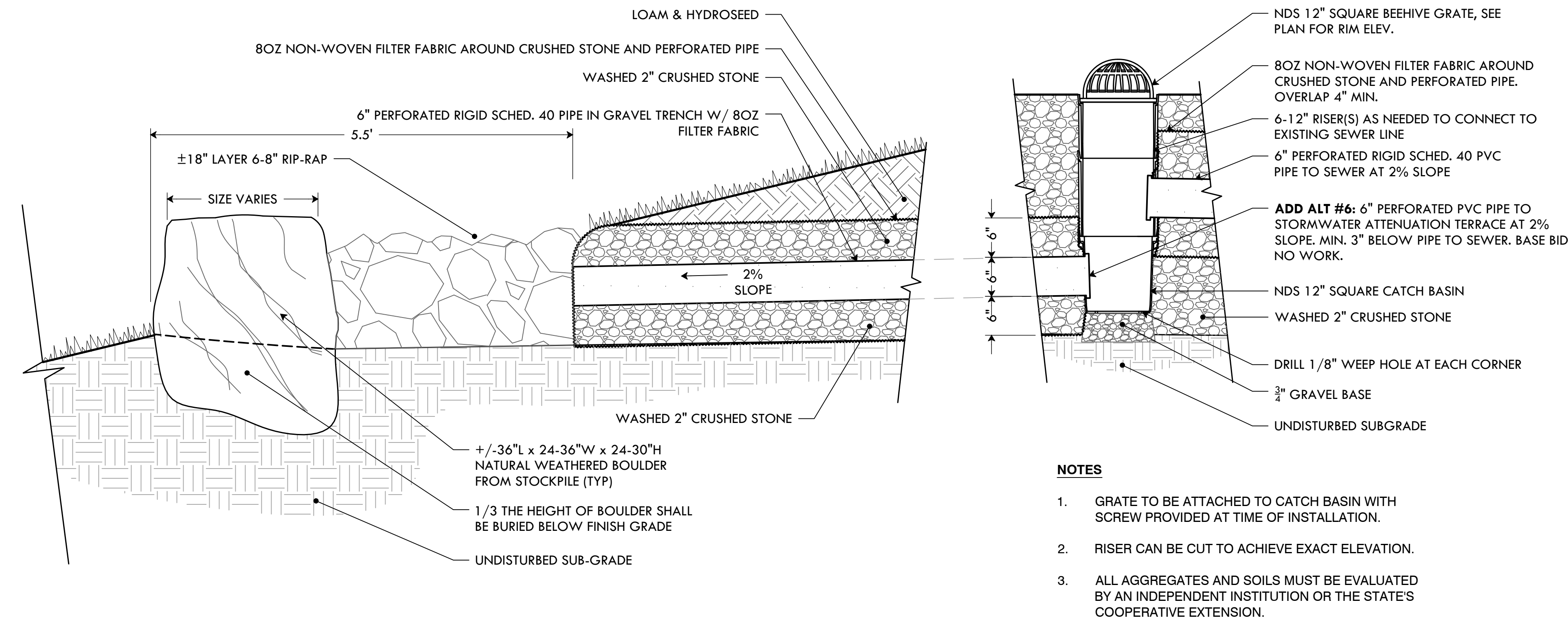
22 VORTEX 8767 - REFRESH NO. 1  
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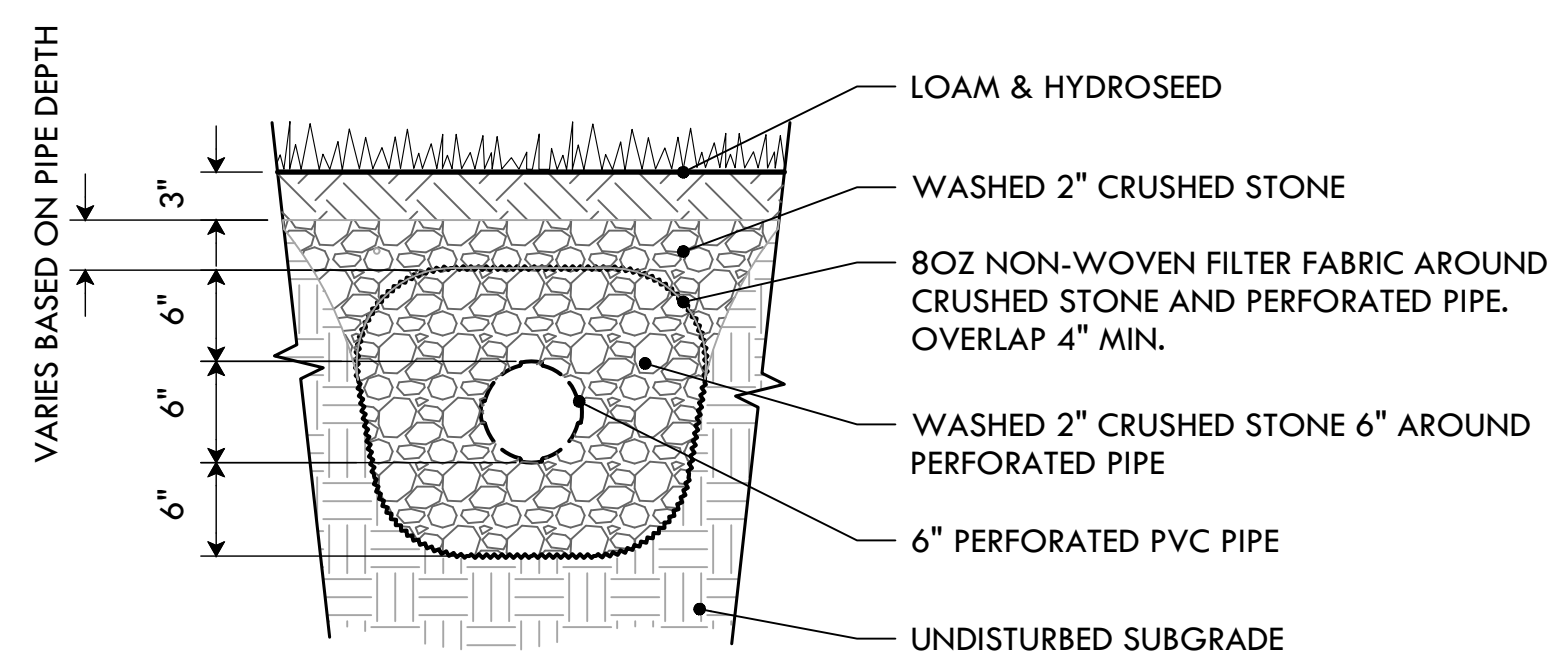
23 VORTEX 7238 - HELIO NO. 3  
NTS



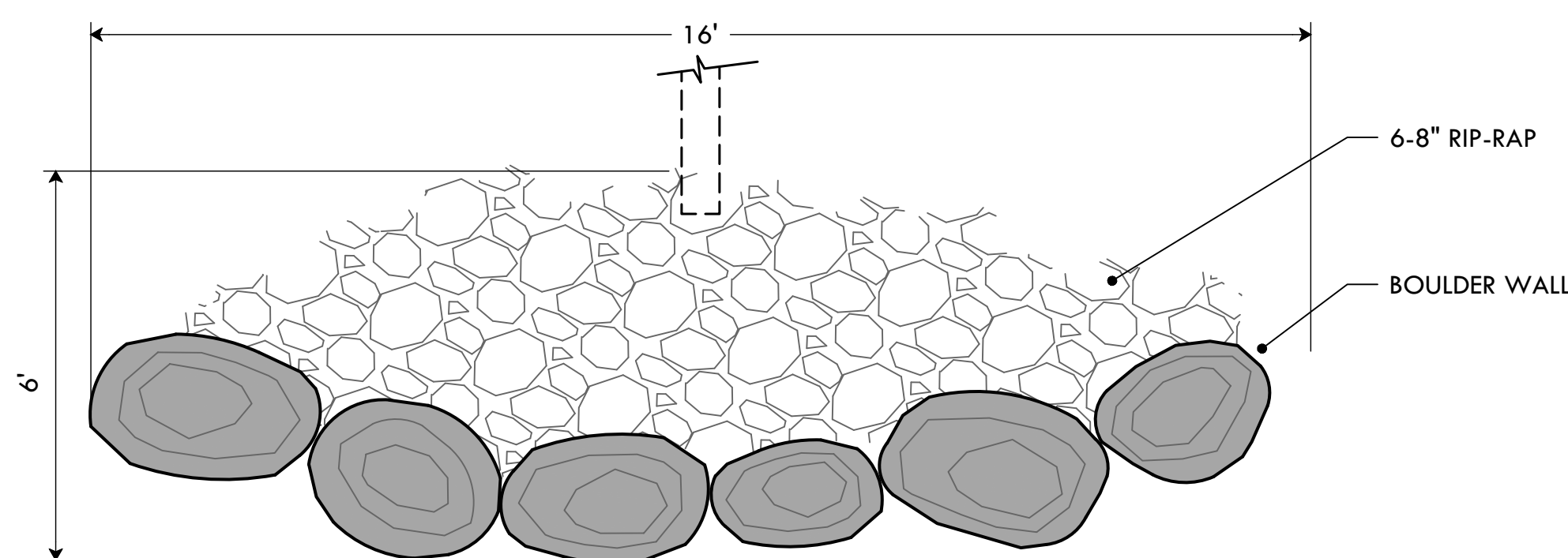
21 12\"/>



ADD ALT: TRENCH CROSS SECTION



ADD ALT: ROCK SPREADER APRON PLAN VIEW



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NORTH ARROW

SCALE

DRAWING INFO

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DRAWN BY: SH, II  
CHECKED BY: MG

SHEET TITLE

Details

L-9

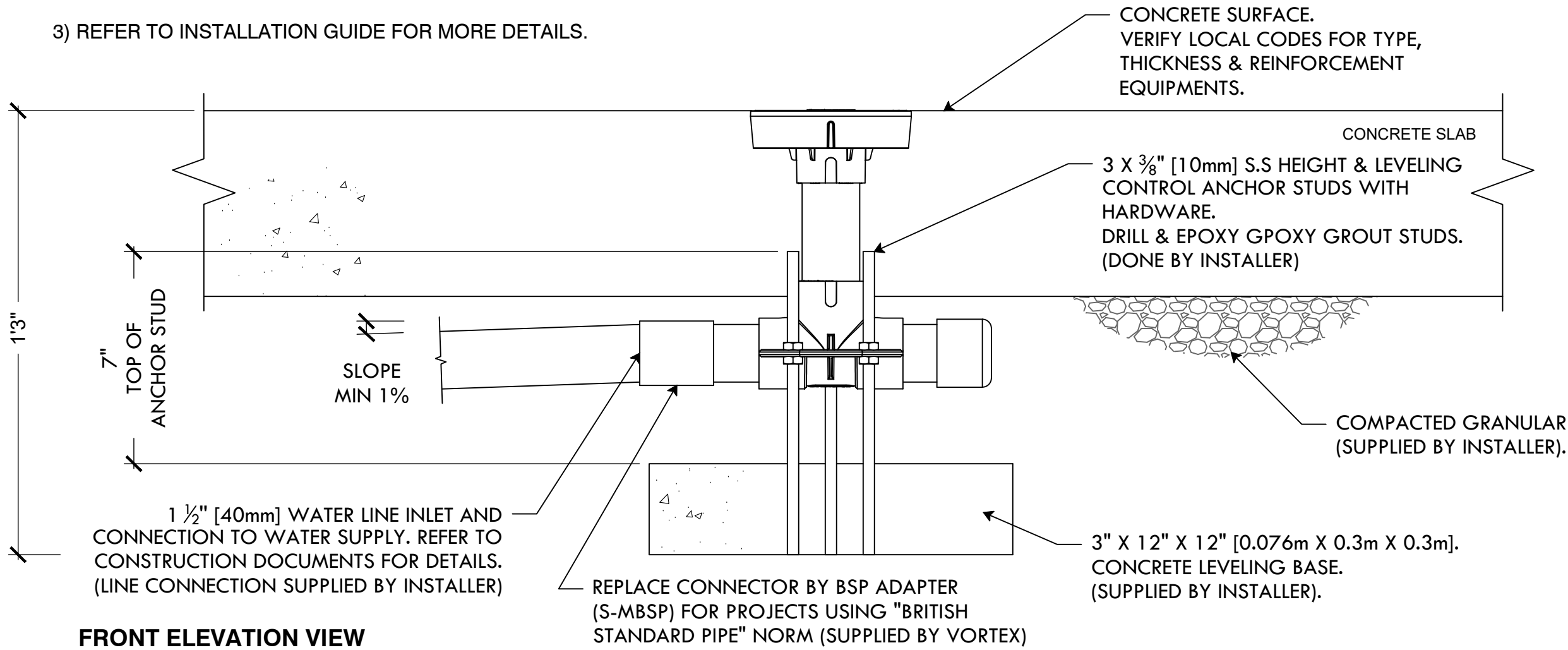
9 OF 14

FILE: JAPK.24.01-PLANS.dwg



NOTES:

- 1) "BY INSTALLER/BY CONTRACTOR" MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.
- 2) POLYMER ENCAPSULATED ASSEMBLY. NO EARTH GROUNDING AND NO BONDING RECOMMENDED FOR SPRAYLINK™ SYSTEM. FOLLOW LOCAL CODE .
- 3) REFER TO INSTALLATION GUIDE FOR MORE DETAILS.



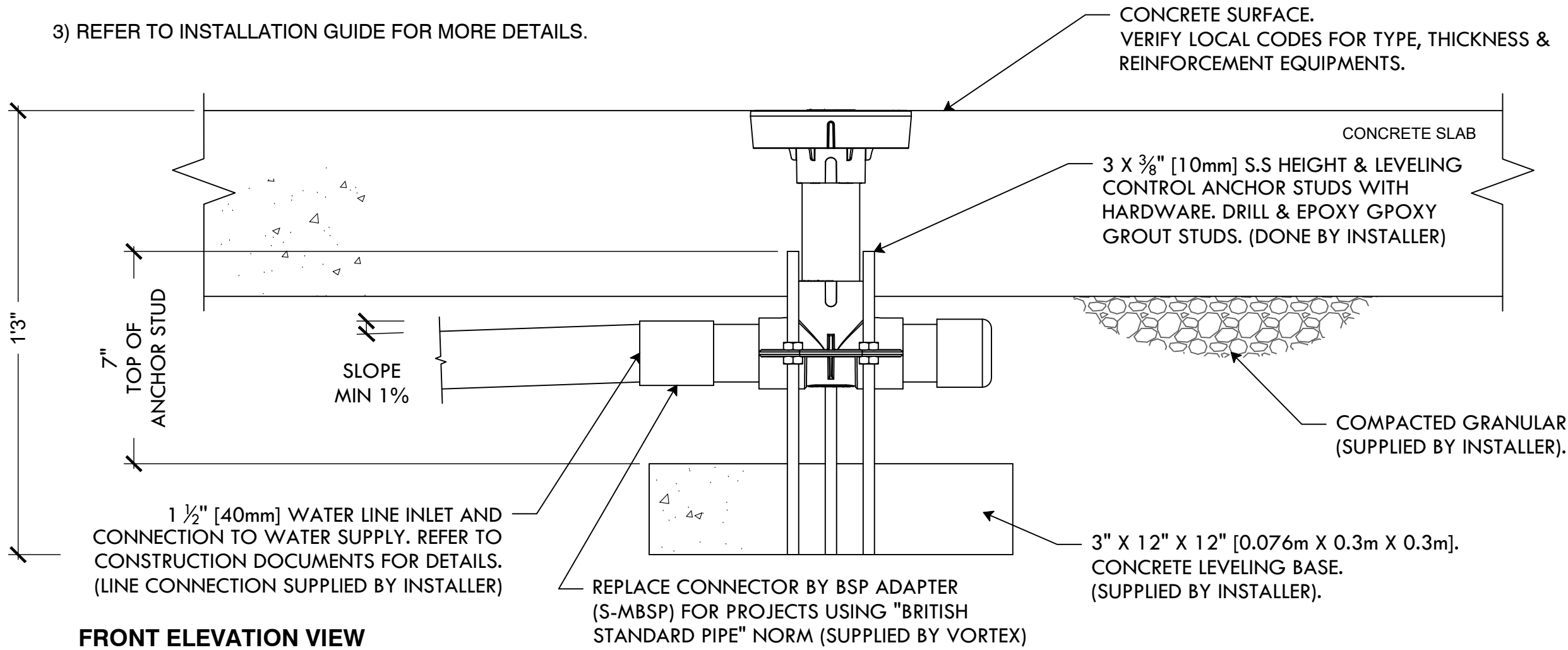
FRONT ELEVATION VIEW

24 VORTEX 3000 - SPRAYLINK JET NO. 1

NTS

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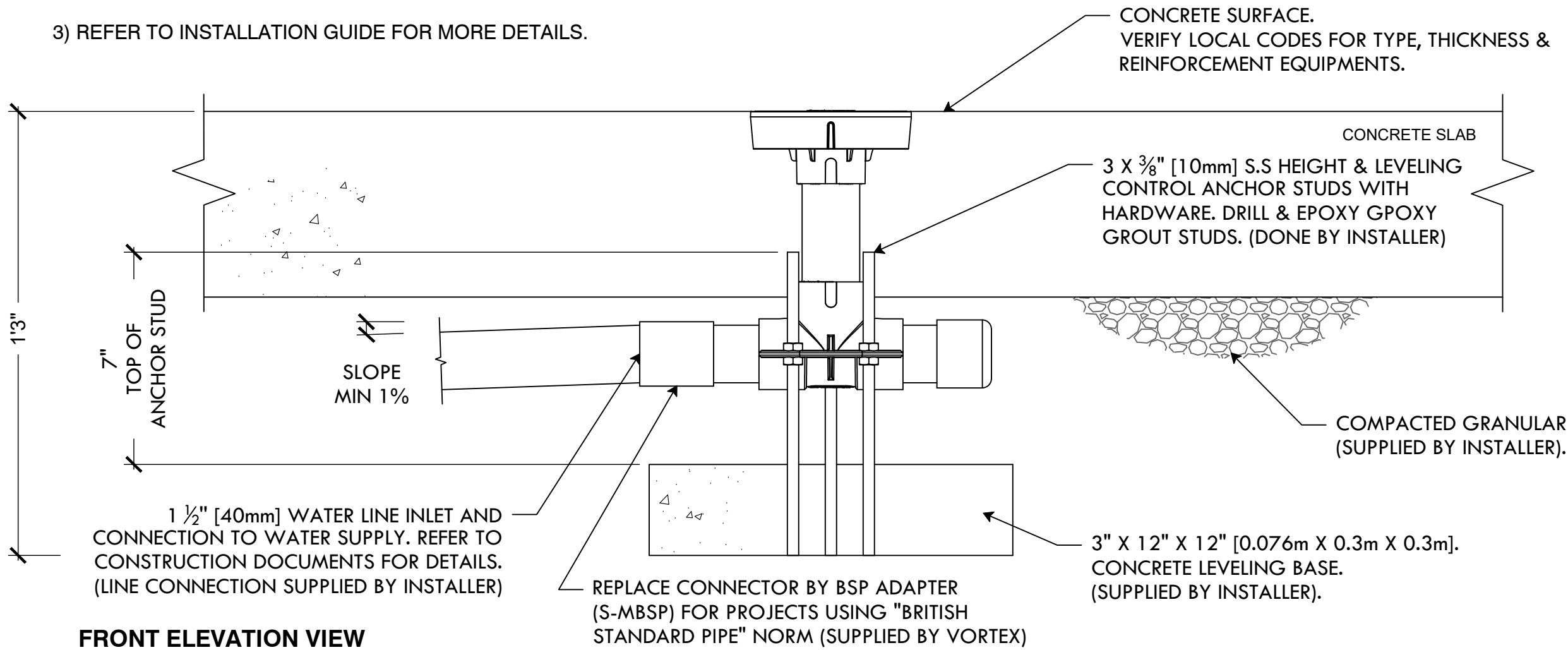
FRONT ELEVATION VIEW

26 VORTEX 3005 - SPRAYLINK GEYSER

NTS

NOTES:

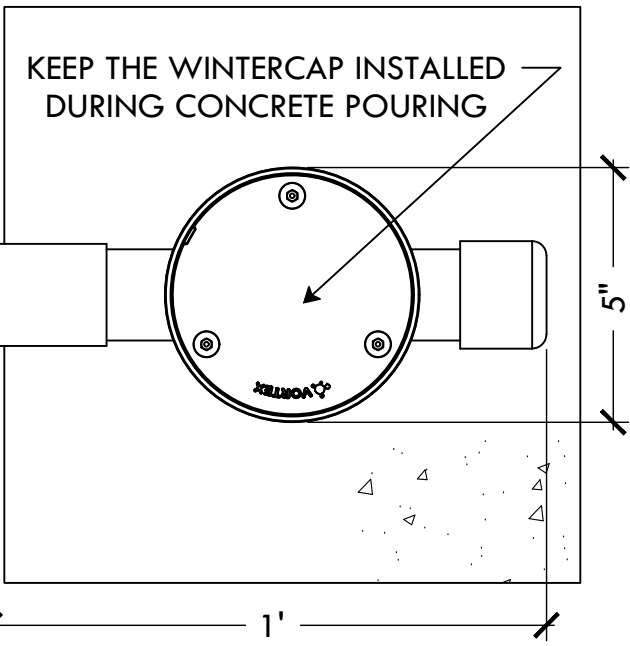
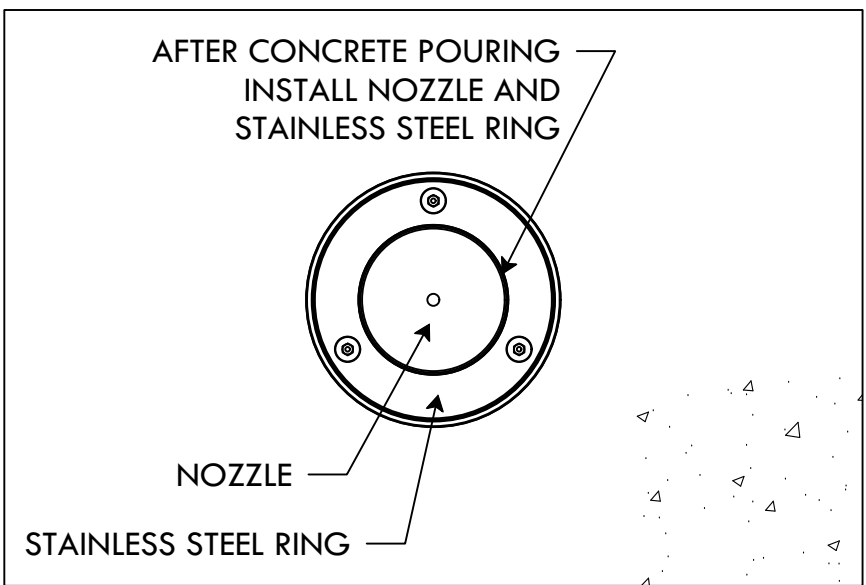
- 1) "BY INSTALLER/BY CONTRACTOR" MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.
- 2) POLYMER ENCAPSULATED ASSEMBLY. NO EARTH GROUNDING AND NO BONDING RECOMMENDED FOR SPRAYLINK™ SYSTEM. FOLLOW LOCAL CODE .
- 3) REFER TO INSTALLATION GUIDE FOR MORE DETAILS.



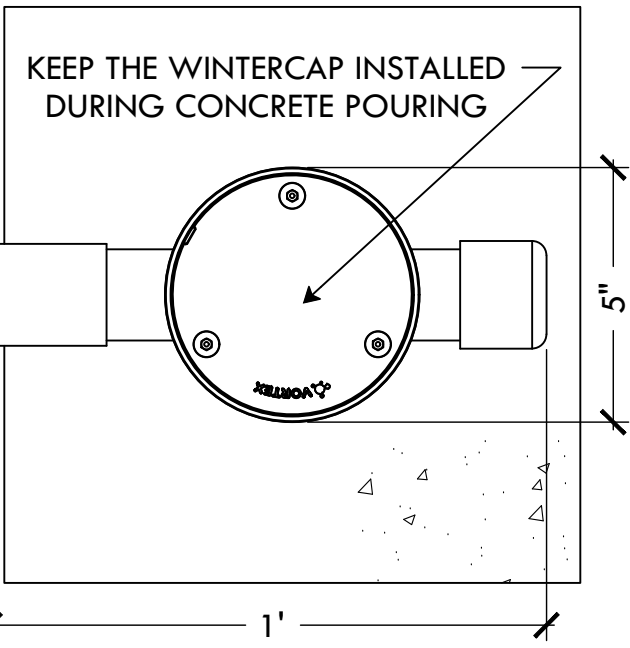
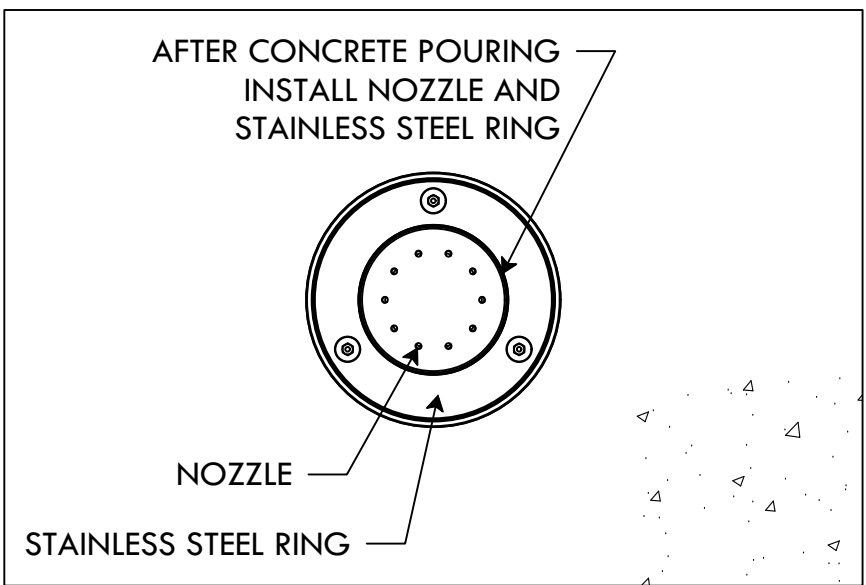
FRONT ELEVATION VIEW

28 VORTEX 3005 - SPRAYLINK FOUNTAIN

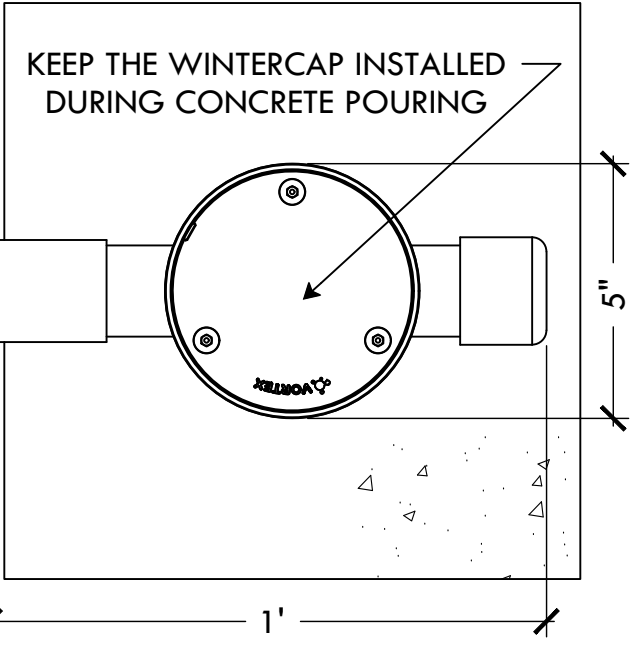
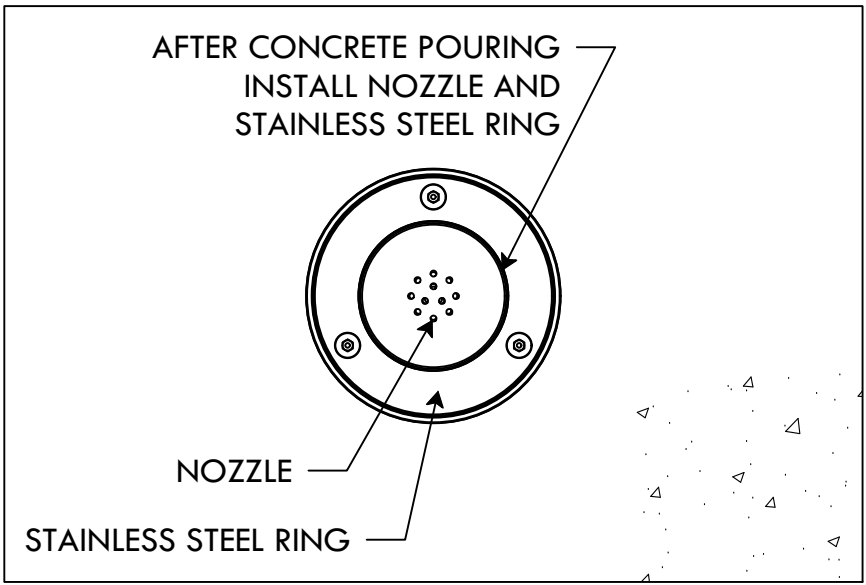
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PLAN VIEW

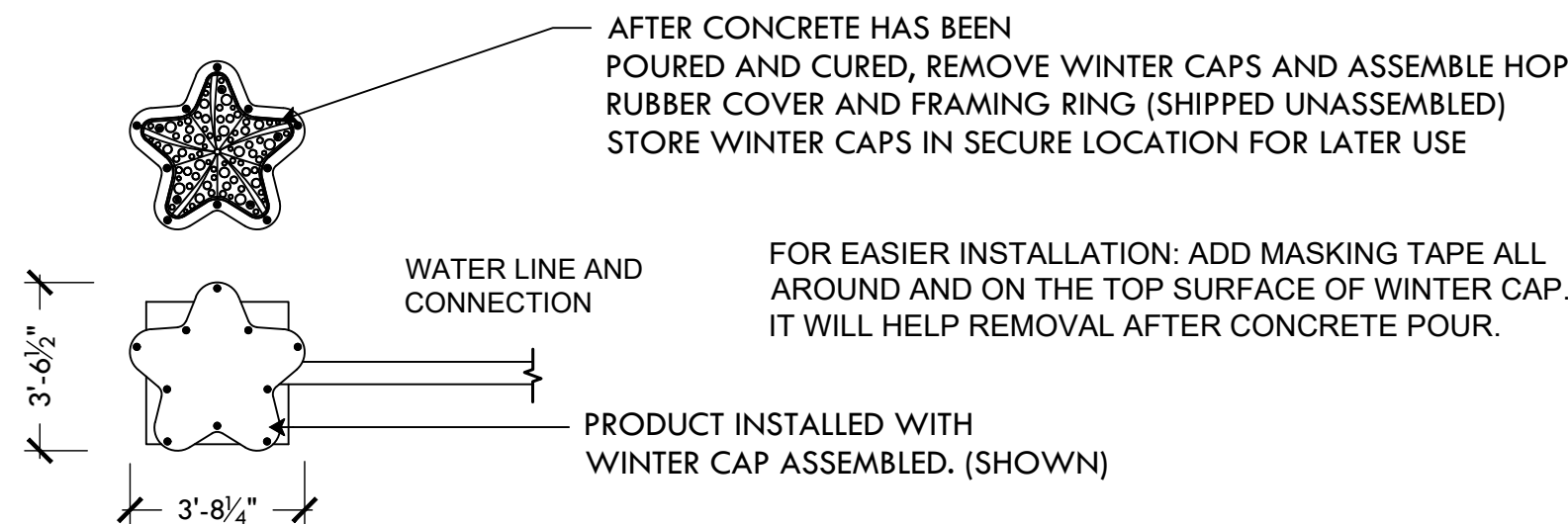


PLAN VIEW

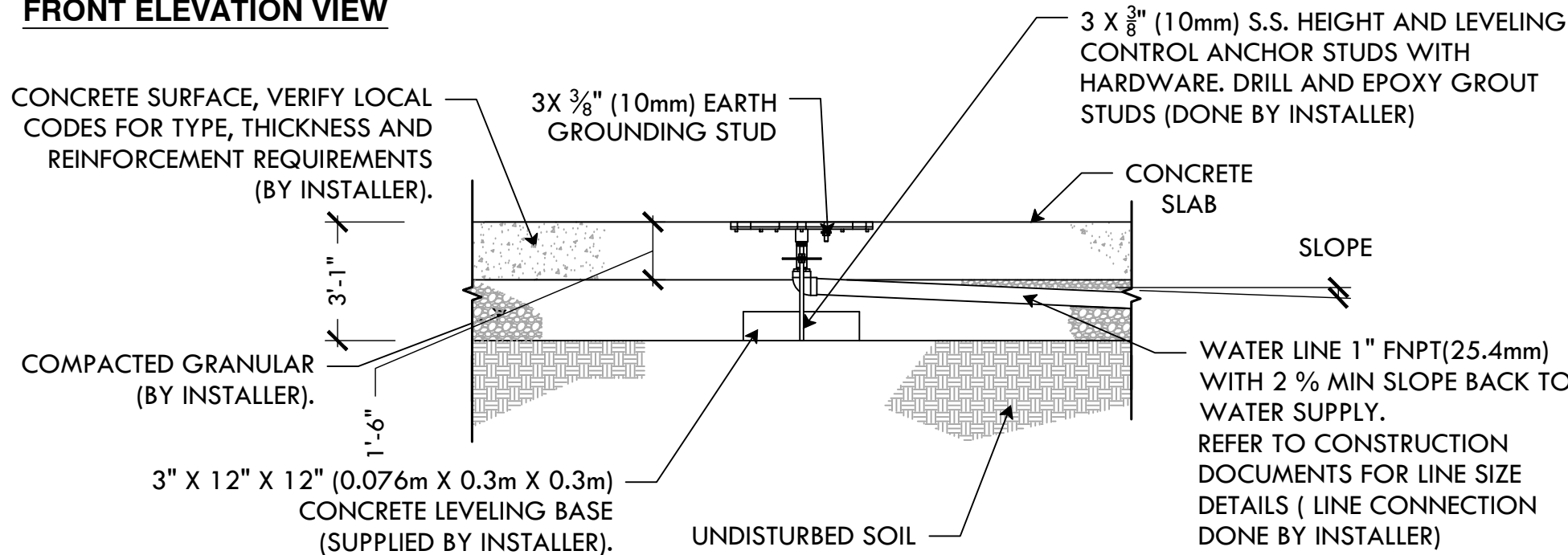


PLAN VIEW

PLAN VIEW



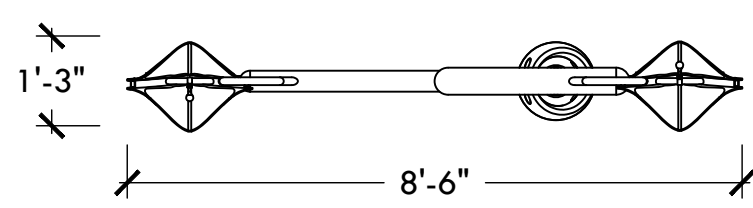
FRONT ELEVATION VIEW



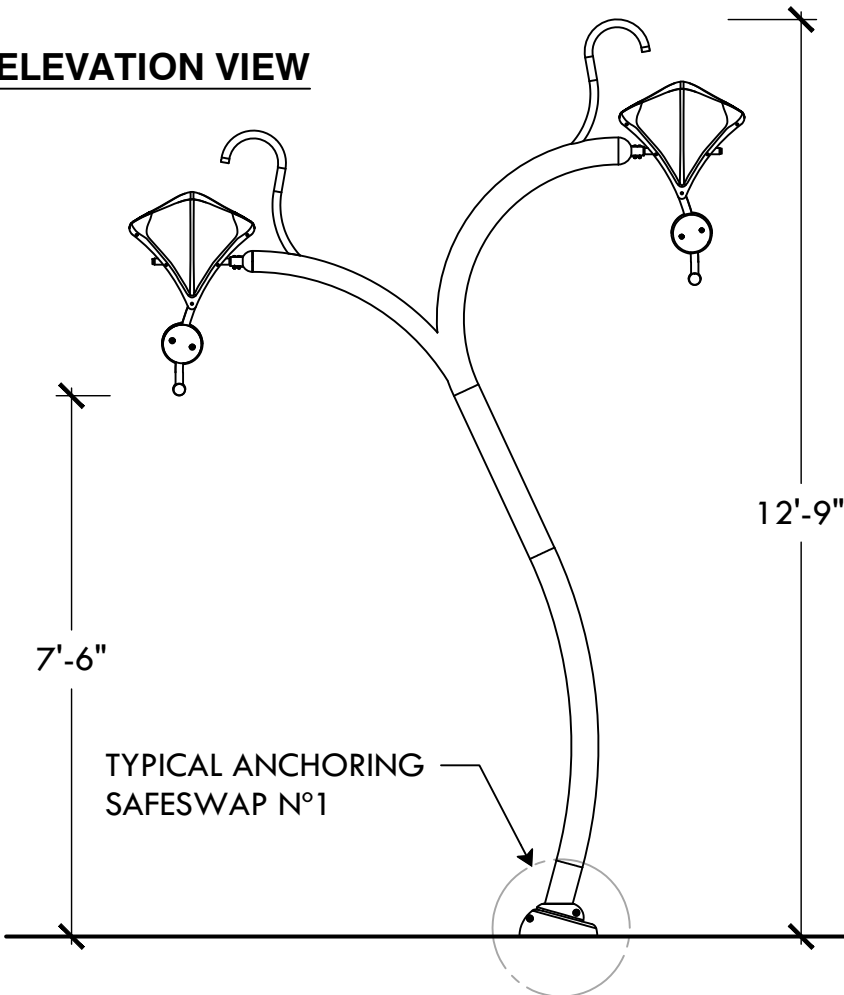
25 VORTEX 7254 - HOP STARFISH

NTS

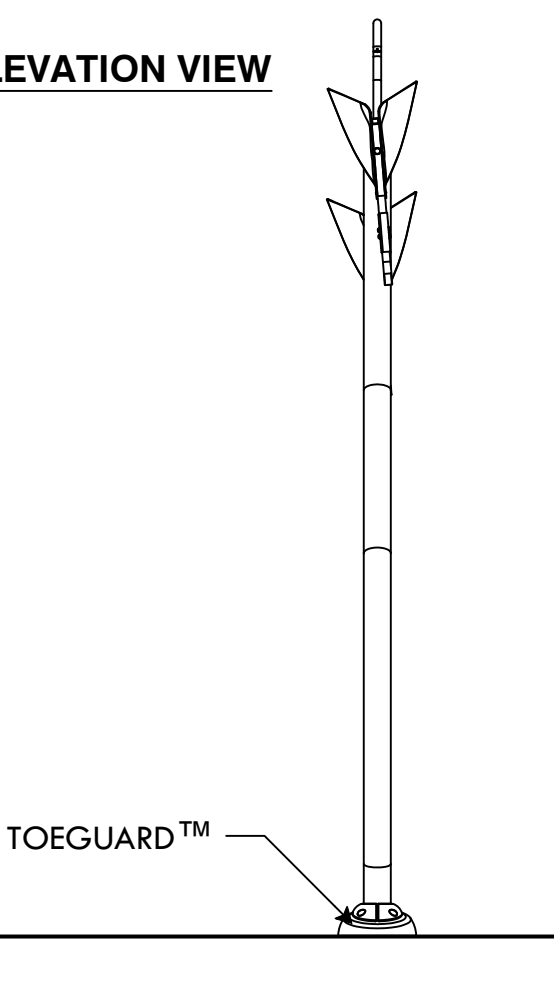
PLAN VIEW



FRONT ELEVATION VIEW



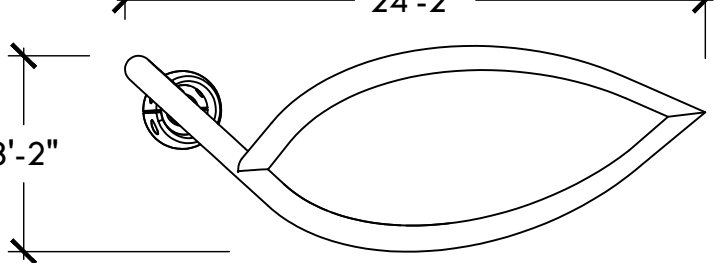
SIDE ELEVATION VIEW



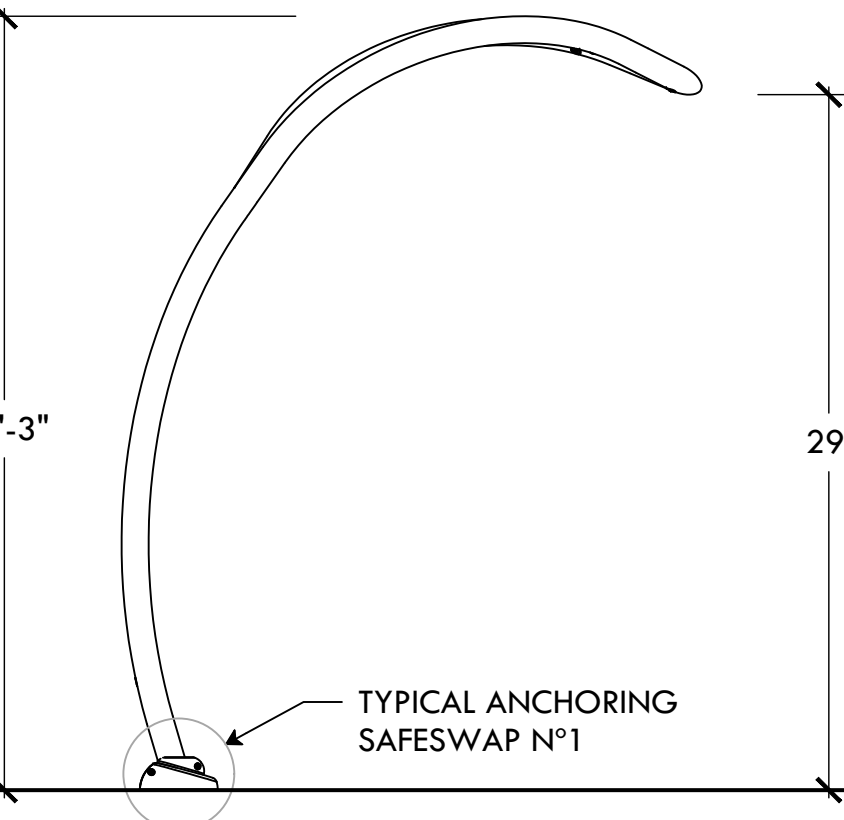
27 VORTEX 7557 - FLOWER NO. 5

NTS

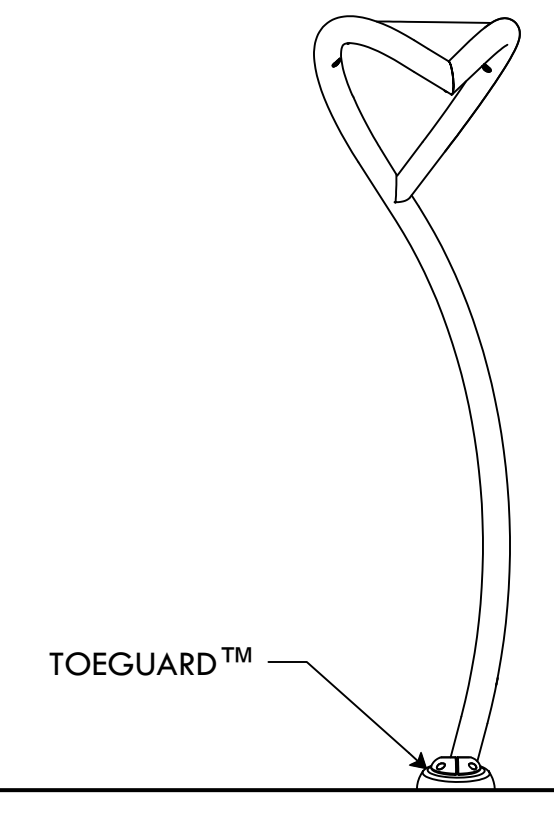
PLAN VIEW



FRONT ELEVATION VIEW



SIDE ELEVATION VIEW



29 VORTEX 7657 - LEAF NO. 2

NTS



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**L-10**

10 OF 14

FILE: JAPK.24.01-PLANS.dwg

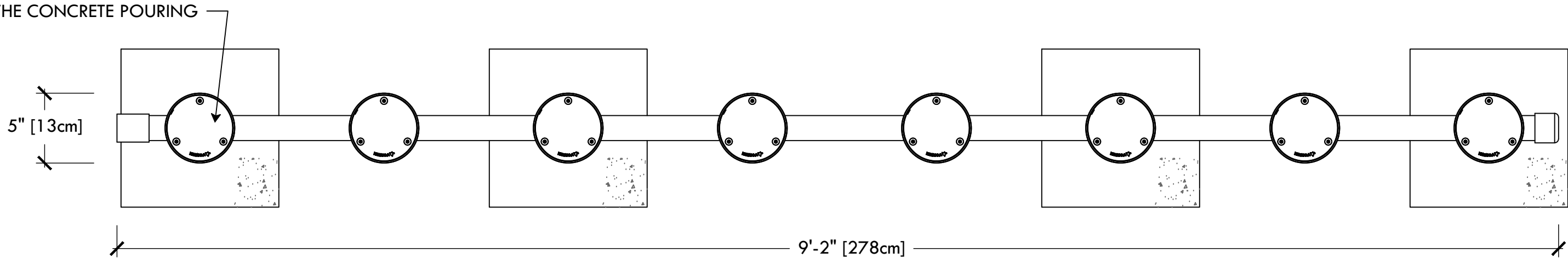


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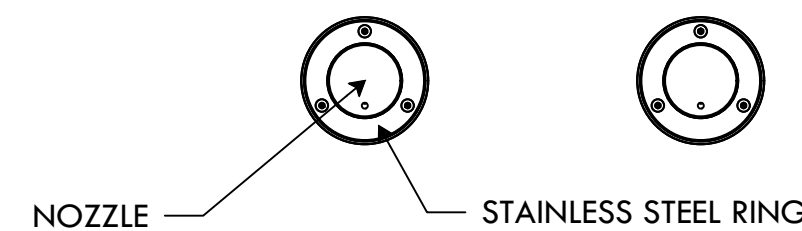
- 1) "BY INSTALLER/BY CONTRACTOR" MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.  
2) POLYMER ENCAPSULATED ASSEMBLY NO EARTH GROUNDING AND NO BONDING RECOMMENDED FOR SPRAYLINK™ SYSTEM. FOLLOW LOCAL CODE  
3) REFER TO INSTALLATION GUIDE FOR MORE DETAILS.

PLAN VIEW

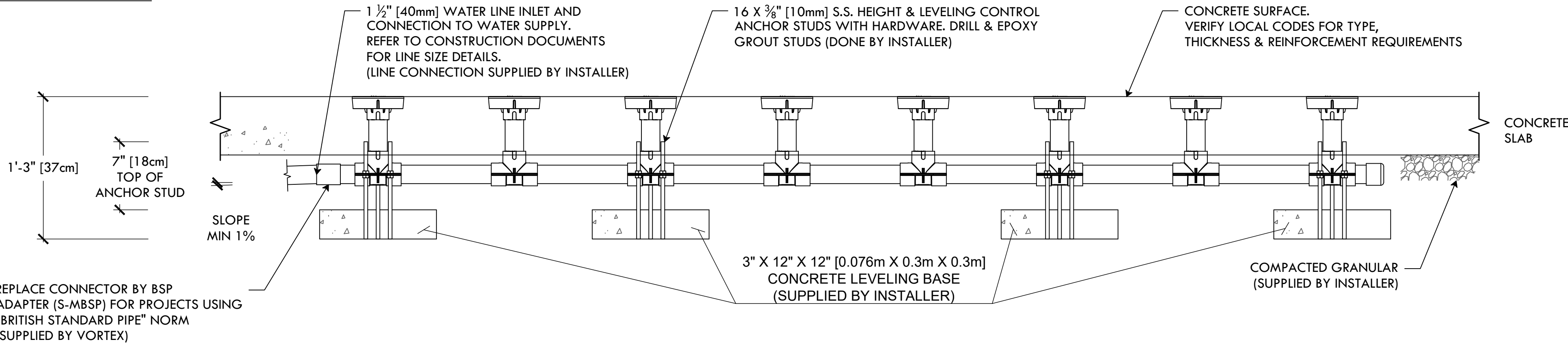
KEEP THE WINTERCAPS INSTALLED DURING THE CONCRETE POURING



AFTER CONCRETE POURING INSTALL NOZZLES AND STAINLESS STEEL RINGS



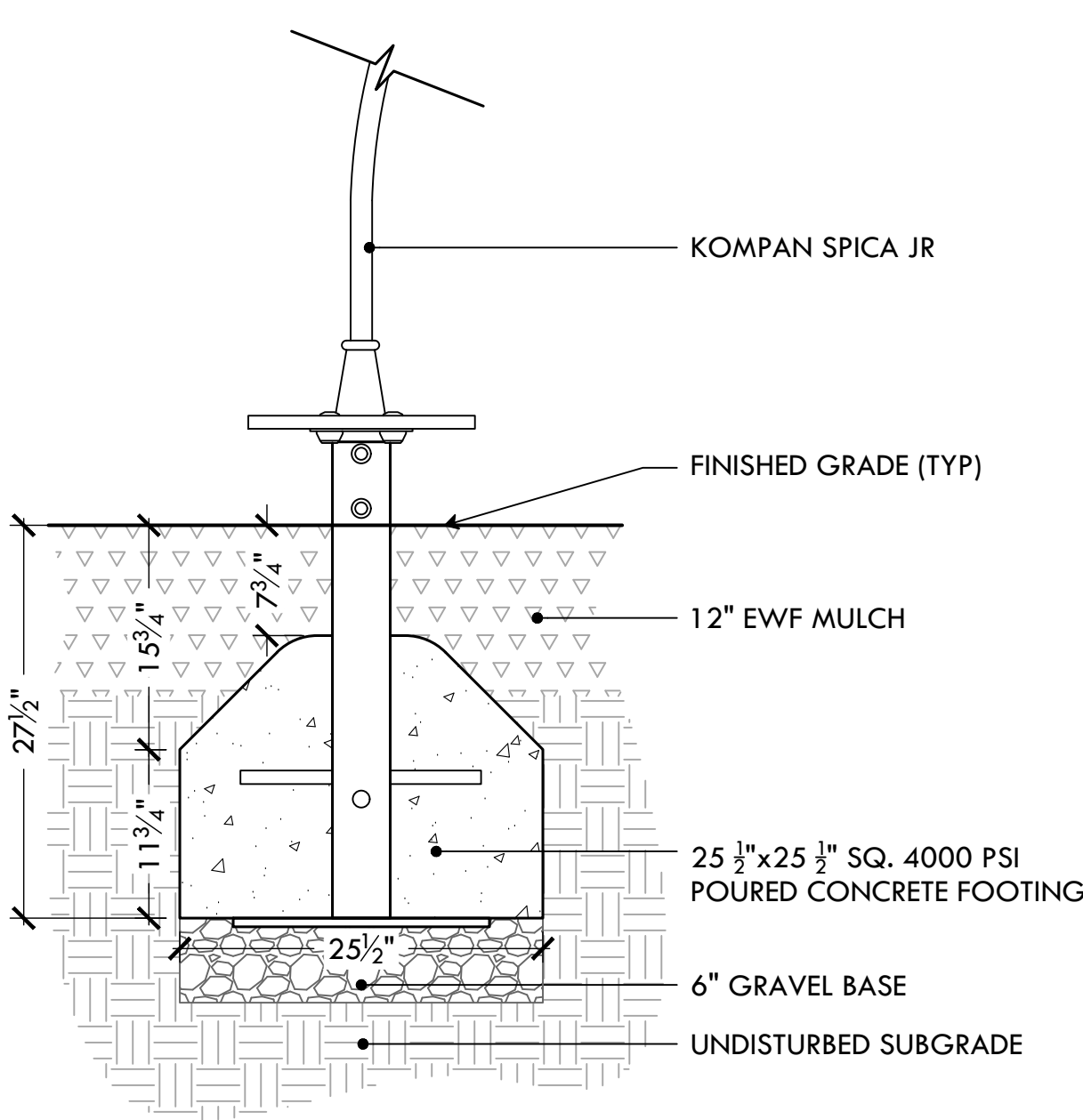
FRONT ELEVATION VIEW



REPLACE CONNECTOR BY BSP ADAPTER (S-MBSP) FOR PROJECTS USING "BRITISH STANDARD PIPE" NORM (SUPPLIED BY VORTEX)

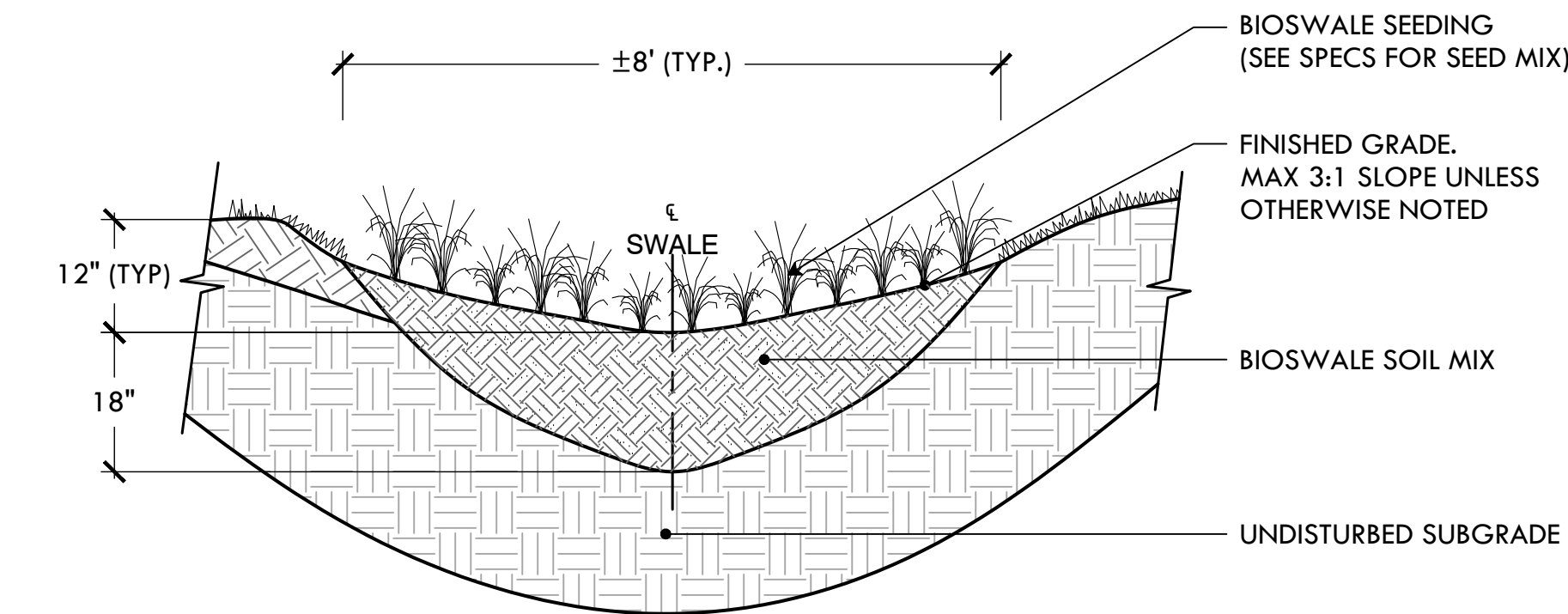
30 VORTEX 3055 - SPRAYLINK TUNNEL NO. 2

NTS



32 KOMPAN SPICA JR SPINNER

NTS



NOTE:

1. BIOSWALE SOIL MIX TO CONSIST OF 65% LOAMY SAND BLENDED WITH 35% SCREENED, HIGH QUALITY COMPOST.

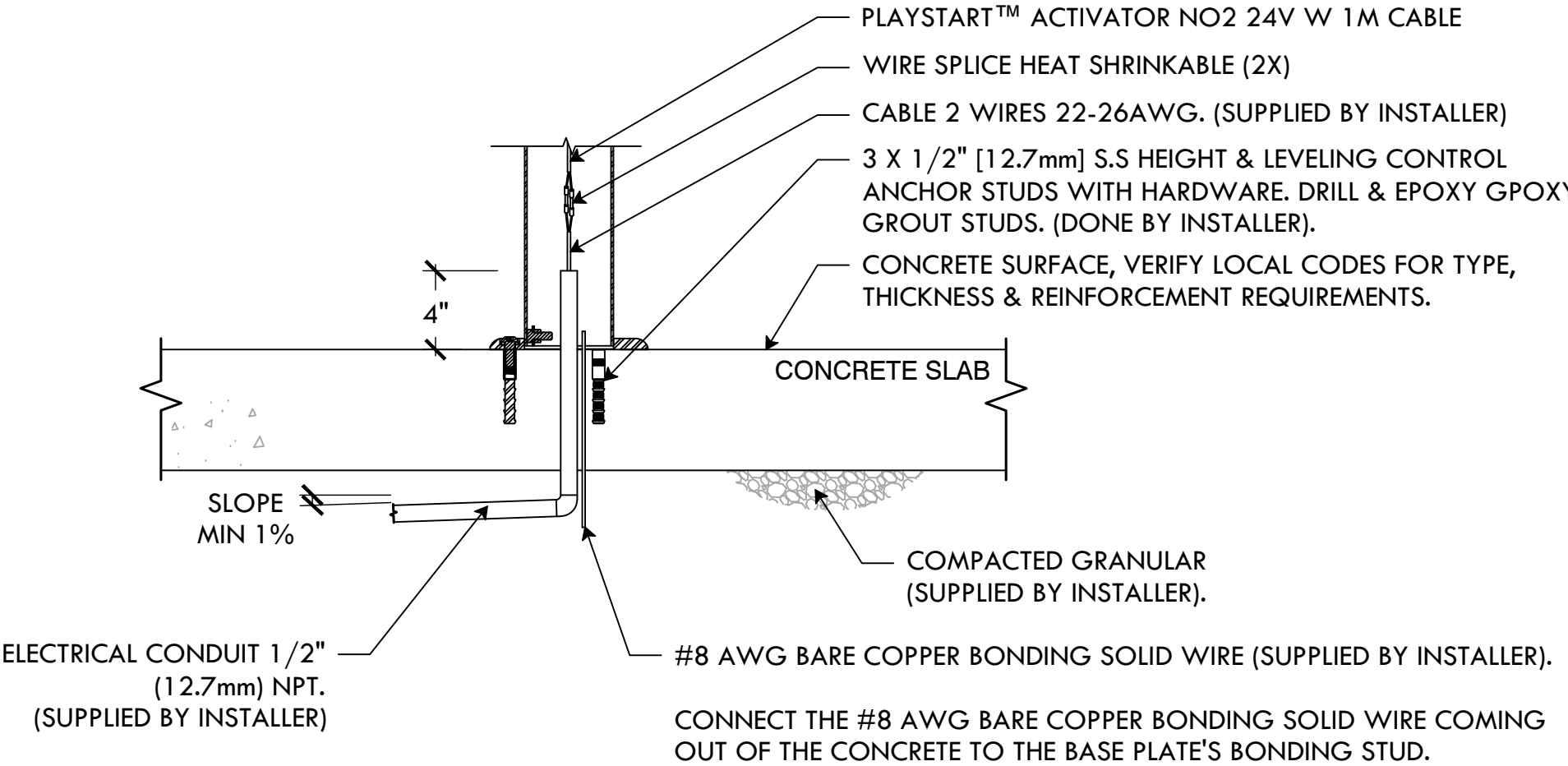
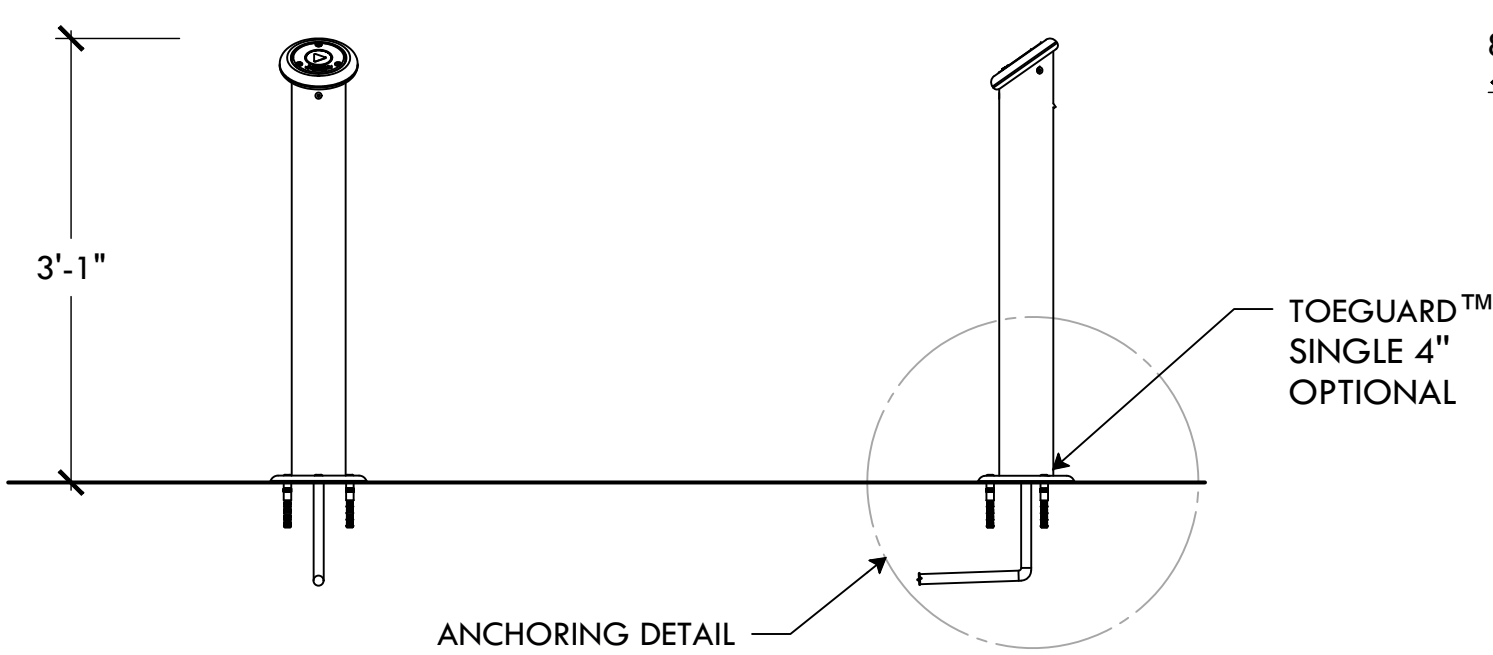
33 BIOSWALE

NTS

FRONT ELEVATION VIEW

SIDE ELEVATION VIEW

PLAN VIEW

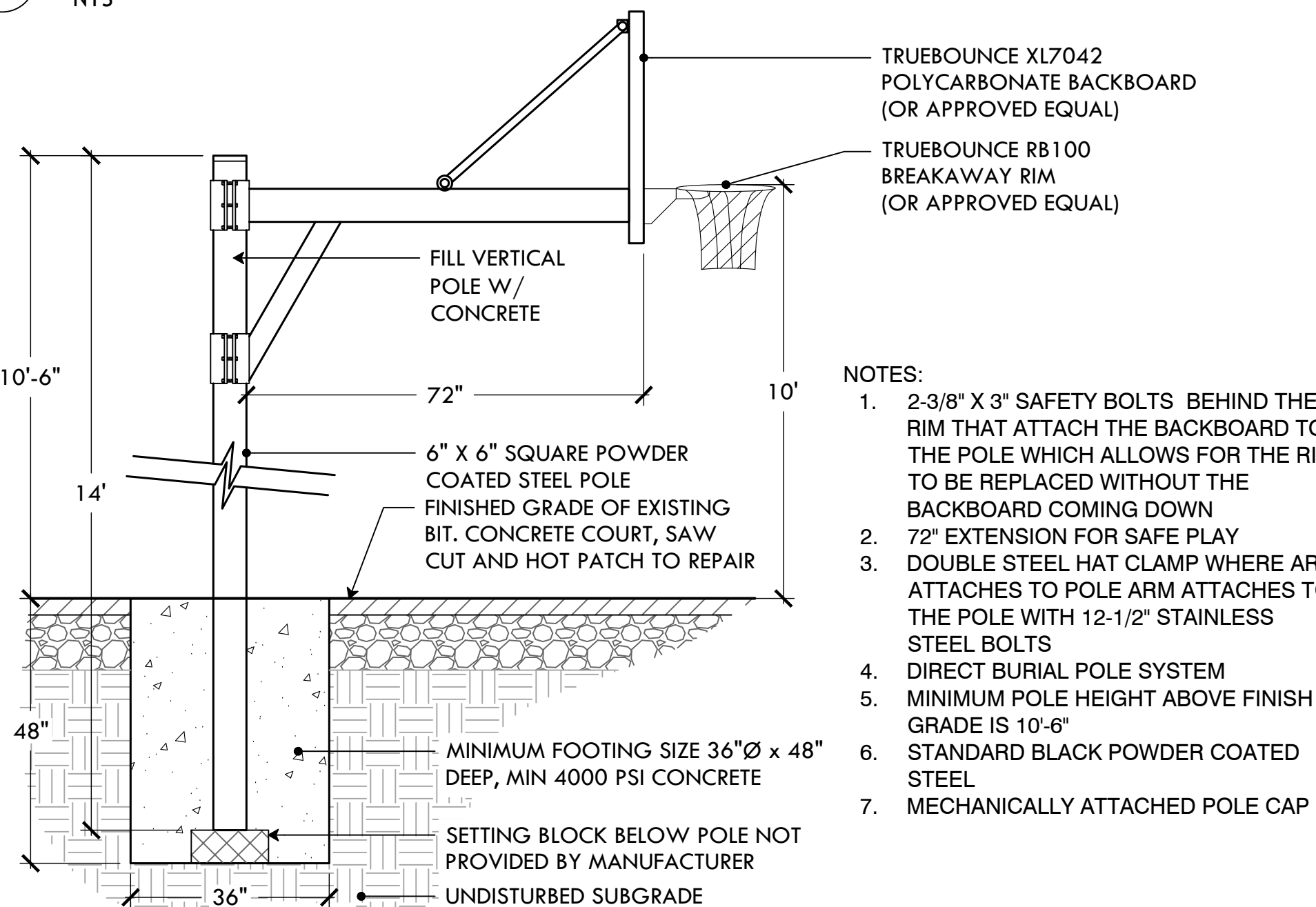


NOTES:

- 1) "BY INSTALLER/BY CONTRACTOR" MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.  
2) ANCHOR FOR CONCRETE INSTALLATION INSTRUCTIONS:  
- DRILL 5/8" (15.875mm) HOLE, MIN. HOLE DEPTH 4 3/8" (104.8mm).  
- CLEAN THE HOLE.  
- FILL EPOXY ADHESIVE INTO HOLE TO APPROXIMATELY 3/4 TO HALF FULL.  
- INSERT ANCHOR INTO HOLE.  
- ALLOW EPOXY TO CURE PRIOR TO APPLYING MAXIMUM LOAD.  
3) CONNECT THE ACTIVATOR CABLE TO THE CABLE THAT CONNECTS TO THE ELECTRICAL BOX (CABLE SUPPLIED BY INSTALLER), USING WIRE SPLICE HEAT SHRINKABLE.  
- CRIMP WIRE SPLICE.  
- HEAT WIRE SPLICE (MAKE SURE NOT TO HEAT WIRE TO AVOID DAMAGING THEM)

31 VORTEX 0622 - ACTIVATOR NO. 4

NTS

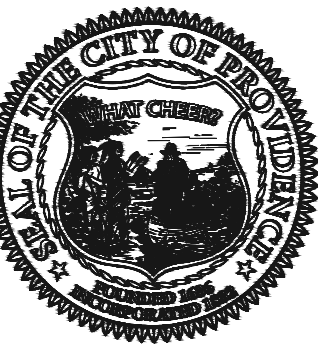


NOTES:

1. 2-3/8" X 3" SAFETY BOLTS BEHIND THE RIM THAT ATTACH THE BACKBOARD TO THE POLE WHICH ALLOWS FOR THE RIM TO BE REPLACED WITHOUT THE BACKBOARD COMING DOWN  
2. 72" EXTENSION FOR SAFE PLAY  
3. DOUBLE STEEL HAT CLAMP WHERE ARM ATTACHES TO POLE ARM ATTACHES TO THE POLE WITH 12-1/2" STAINLESS STEEL BOLTS  
4. DIRECT BURIAL POLE SYSTEM  
5. MINIMUM POLE HEIGHT ABOVE FINISH GRADE IS 10'-6"  
6. STANDARD BLACK POWDER COATED STEEL  
7. MECHANICALLY ATTACHED POLE CAP

34 BASKETBALL POLE, BACKBOARD, AND RIM

NTS



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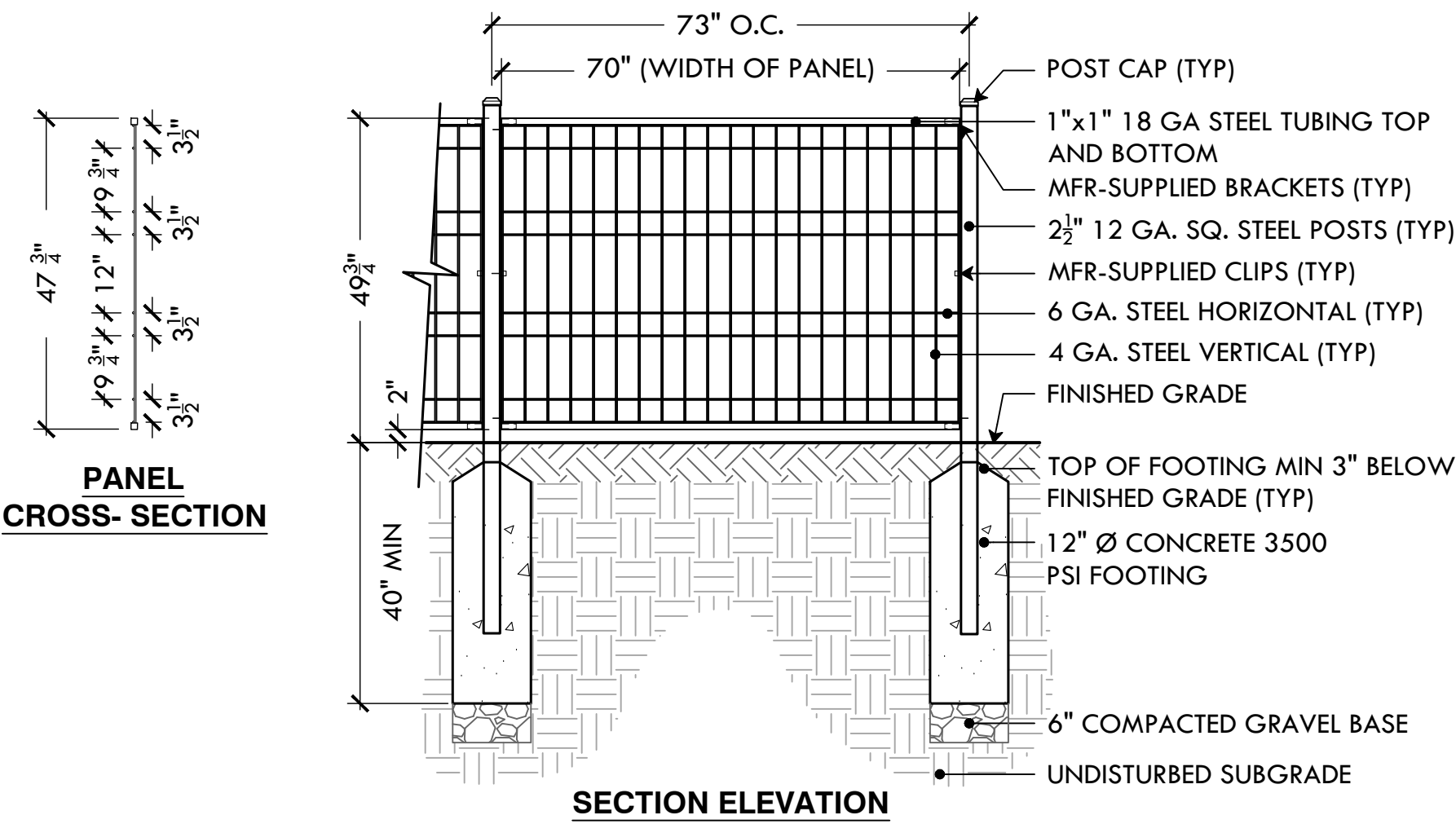
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**L-11**

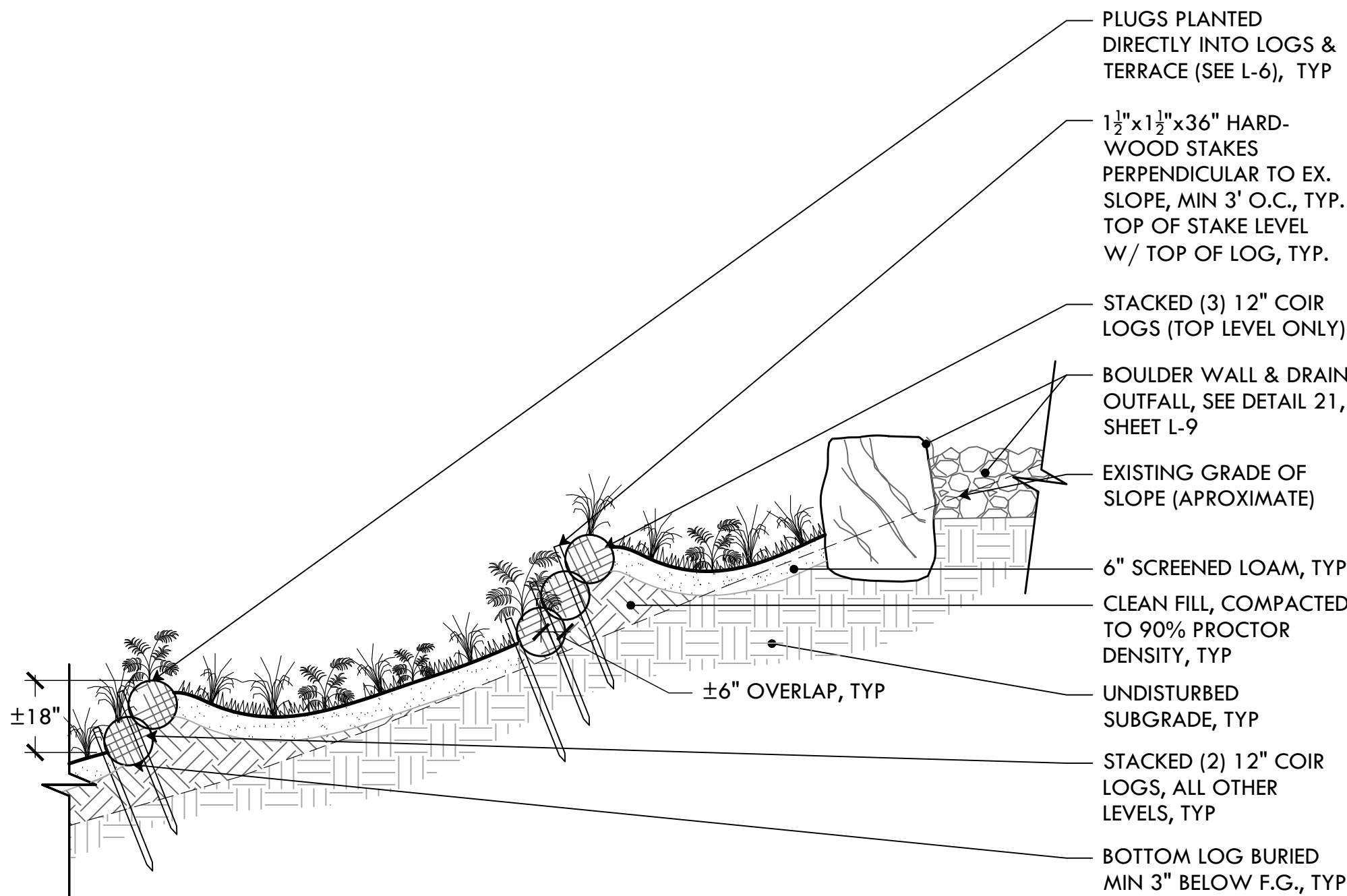
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FILE: JAPK.24-PLANS.dwg

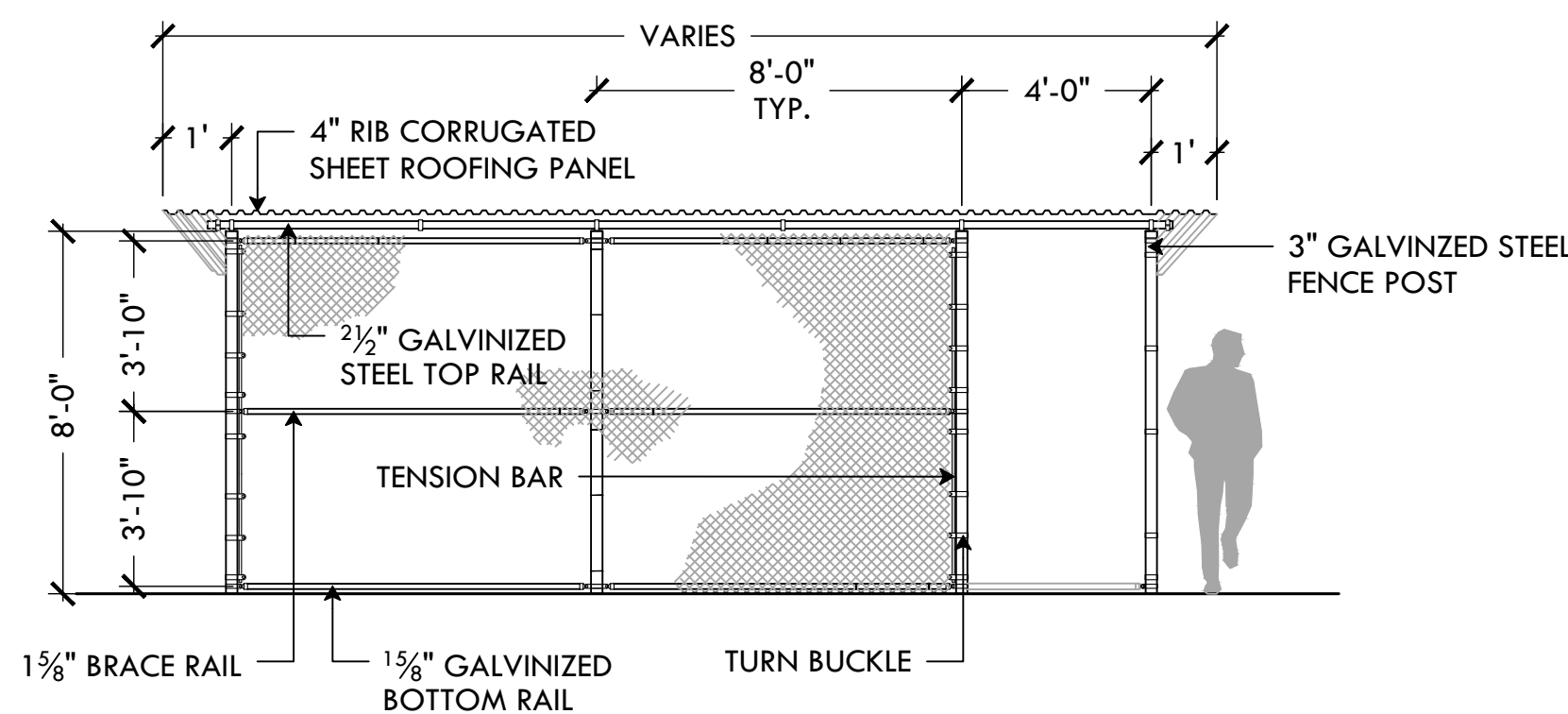




35 ADD ALT #4, #5: 4' WELDED WIRE MESH FENCE  
NTS



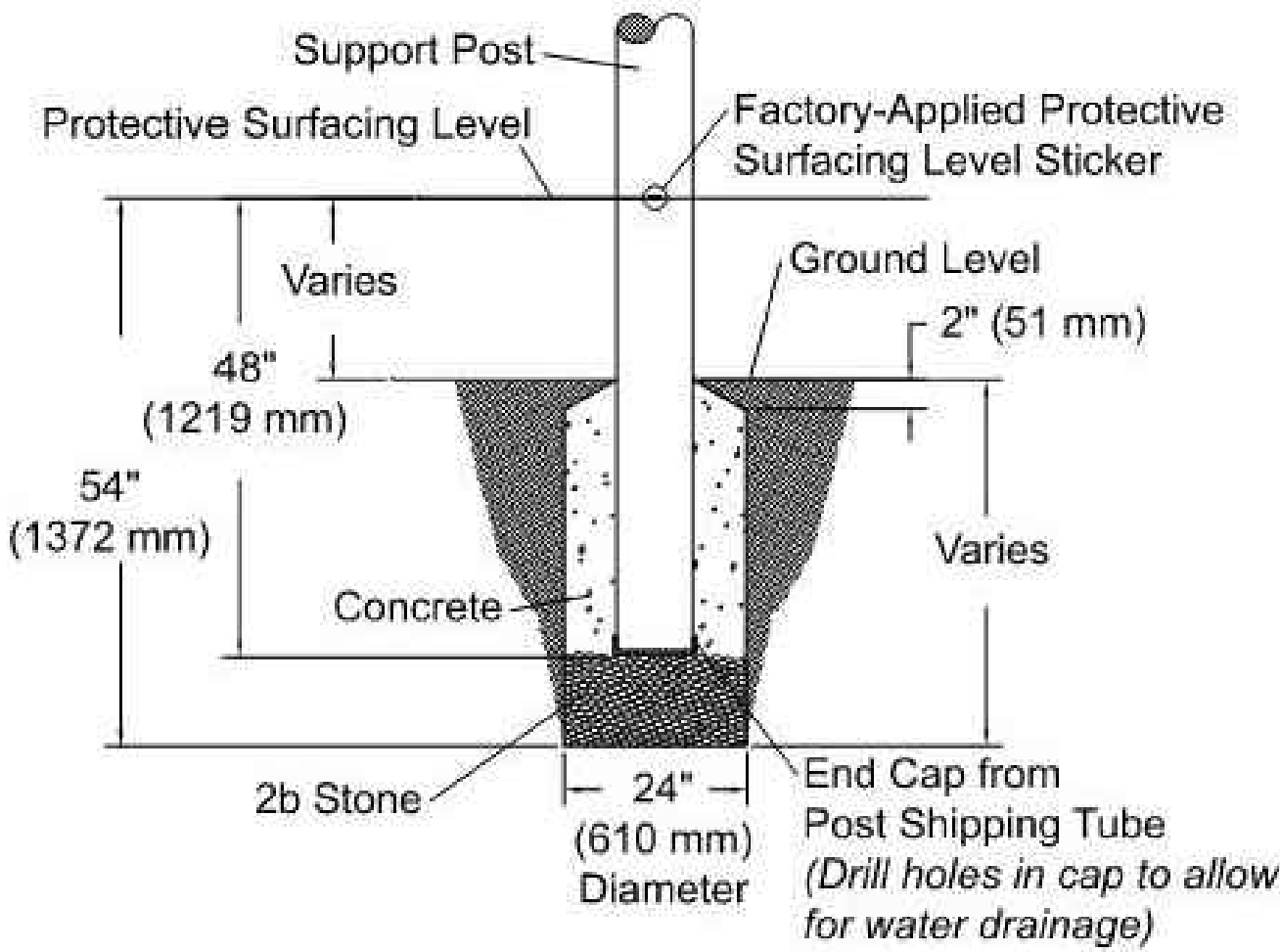
36 ADD ALT #6: STORMWATER ATTENUATION TERRACE  
NTS



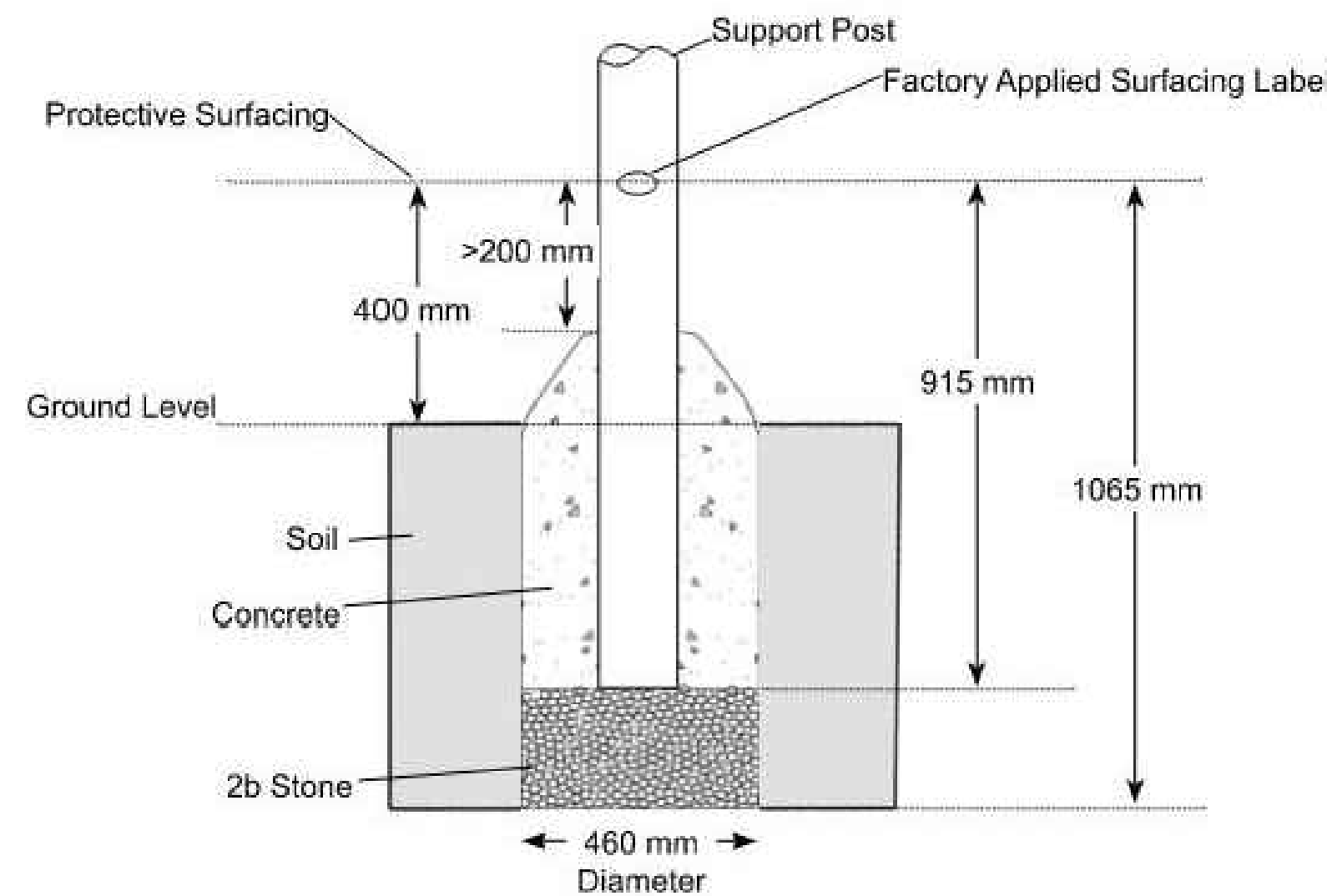
- NOTES:
- 1) FOOTING WIDTH TO BE (4)X POST WIDTH, MINIMUM DEPTH 36\".
  - 2) HEIGHT IN FRONT OF THE DUGOUT WILL BE 8' ABOVE GRADE ELEVATION.
  - 3) ALL POSTS, RAILS, BRACES, AND ACCESSORIES SHALL BE GALVANIZED STEEL WITH A PROTECTED ZINC COATING.

38 ADD ALT #13: CORRUGATED DUGOUT ROOF: FRONT  
NTS

## Installation Instructions



Support Post Footing Detail ASTM/CSA

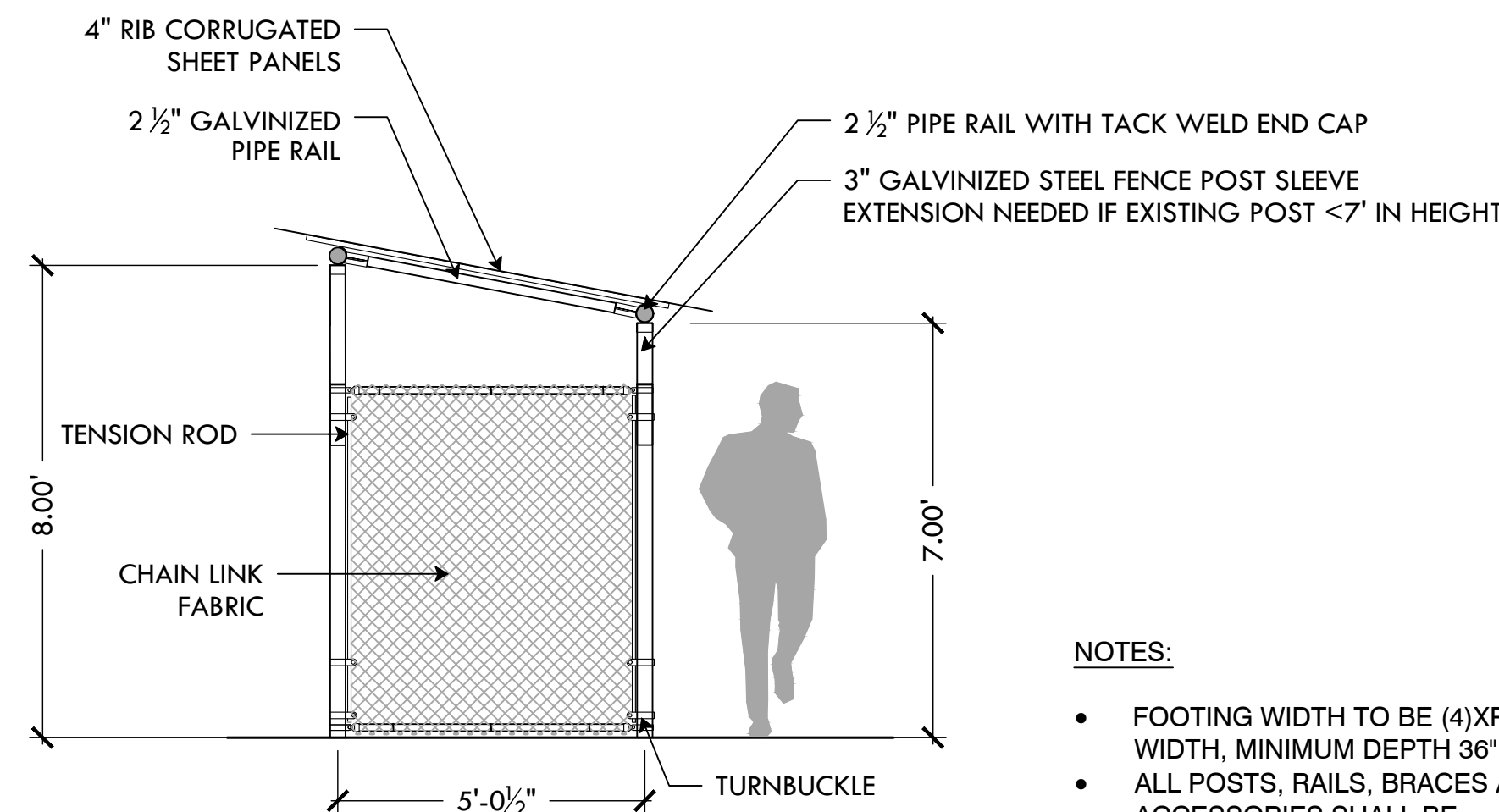


Footing Detail Support Post (EN)

Page 8 of 12

Model ZZXX0151  
PA1478  
SGS

37 ADD ALT #3: PLAYWORLD SPINAMI SPINNER  
NTS



FIELD-SIDE

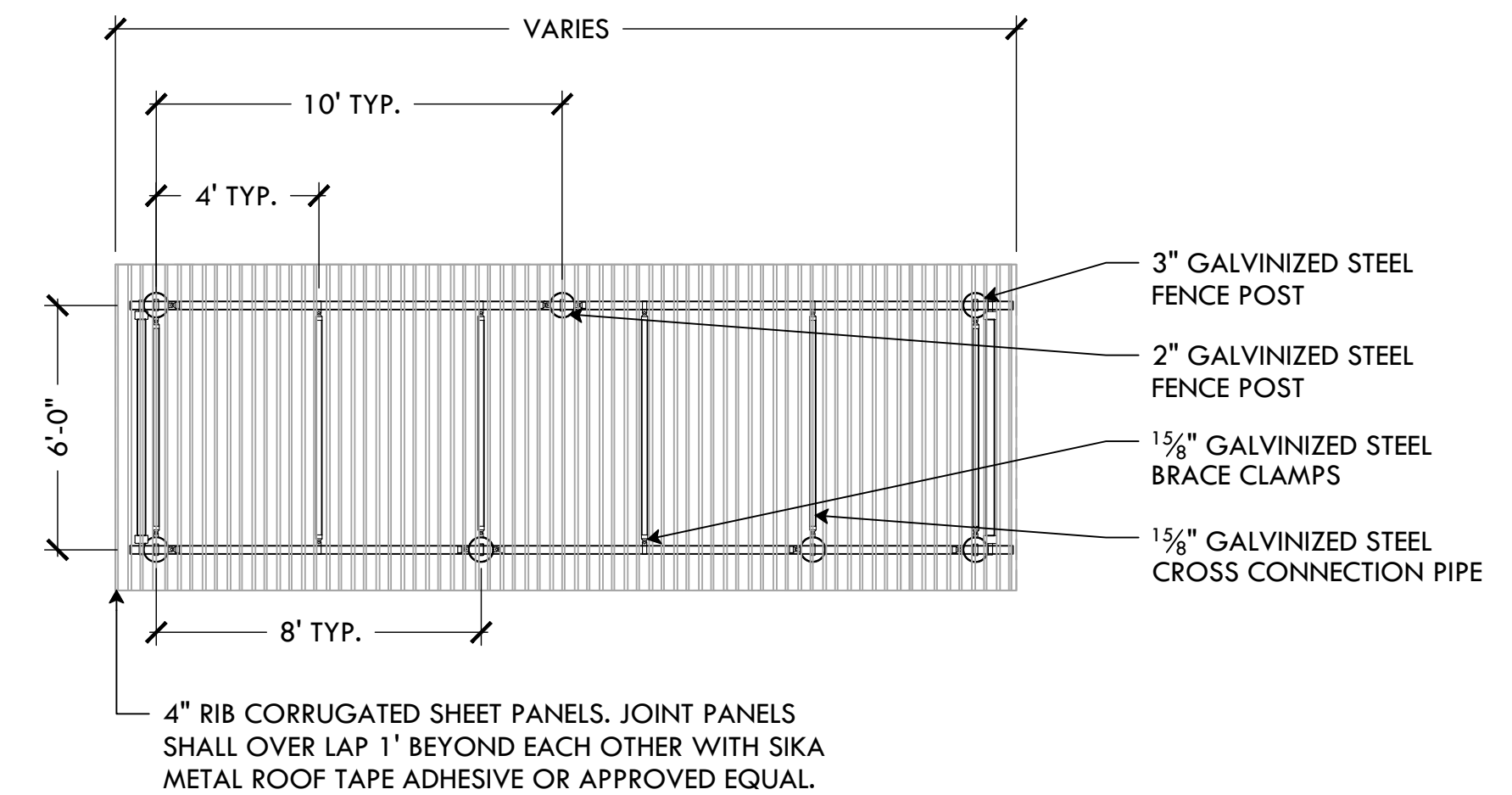
WALKWAY-SIDE

- NOTES:
- FOOTING WIDTH TO BE (4)XPOST WIDTH, MINIMUM DEPTH 36\".
  - ALL POSTS, RAILS, BRACES AND ACCESSORIES SHALL BE GALVANIZED STEEL WITH A PROTECTED ZINC COATING.

39 ADD ALT #13: CORRUGATED DUGOUT ROOF: SIDE  
NTS

### FOOTING NOTES

- Support post footing depth equals 54 in. (1372 mm) less the depth of the protective surfacing material. The post is designed to have 36" (914 mm) in concrete.  
*Example:* If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 42 in. (1067 mm).
- All support posts and component support legs shall have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Do not encase bottom of support post in concrete. Place post directly on packed stone.
- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions.  
For example:
  - If local soil is loose or unstable, a larger footing may be required.
  - If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.
- Base of footing must be below frost line.
- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.



NOTES:

- 1) FOOTING WIDTH TO BE (4)X POST WIDTH, MINIMUM DEPTH 36\".
- 2) ALL POSTS, RAILS, BRACES, AND ACCESSORIES SHALL BE GALVANIZED STEEL WITH A PROTECTED ZINC COATING.

40 ADD ALT #13: CORRUGATED DUGOUT ROOF: TOP  
NTS



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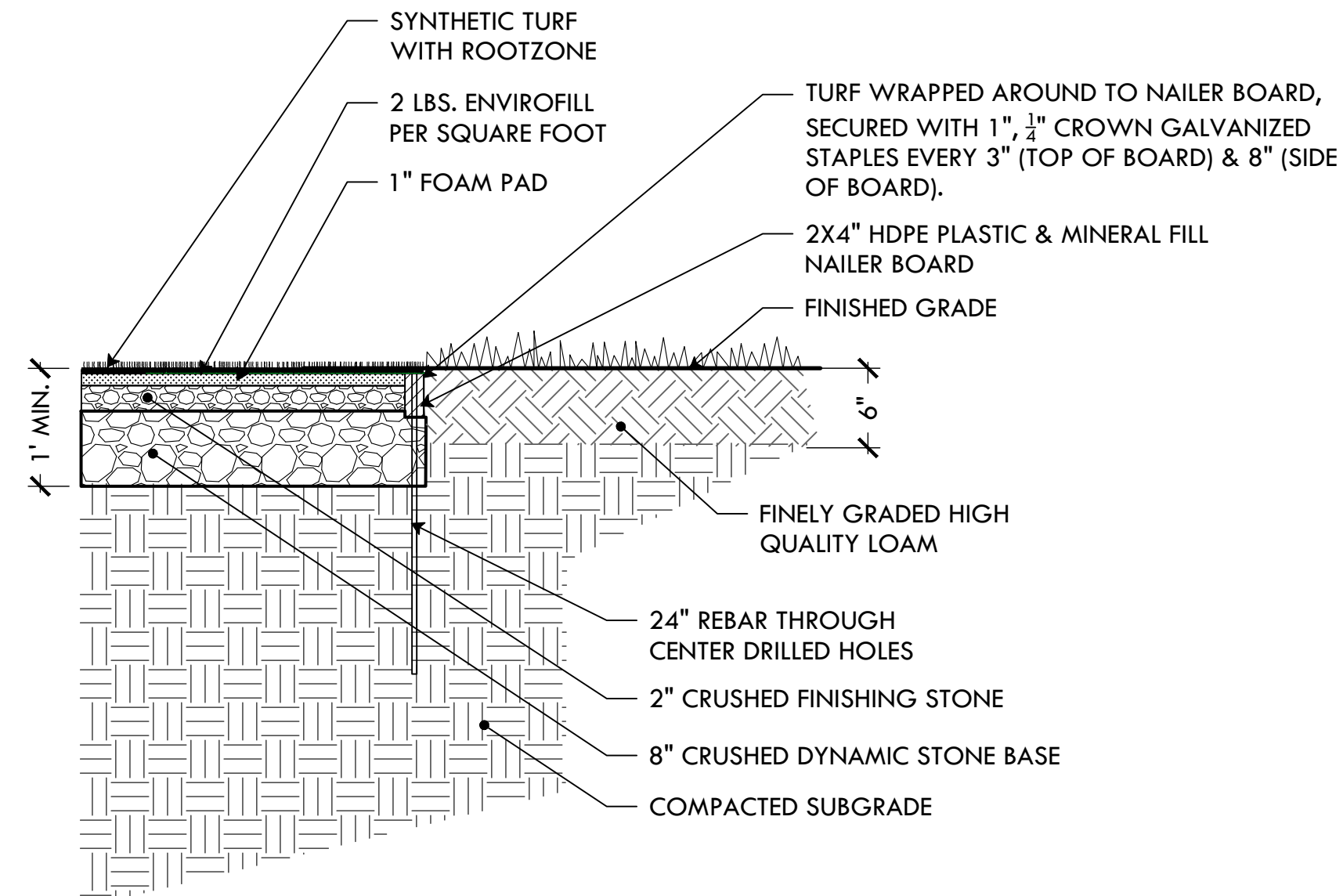
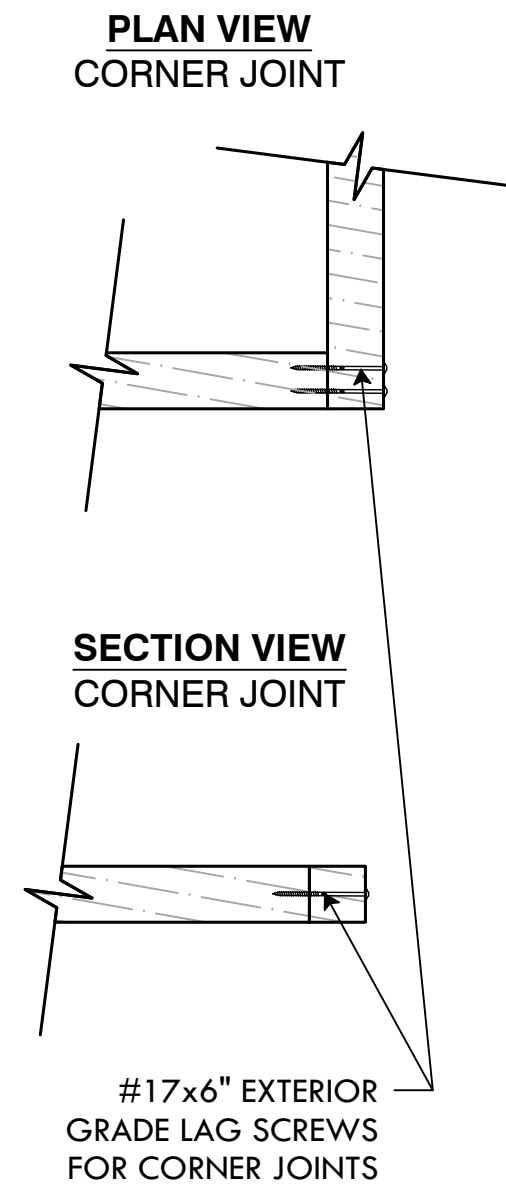
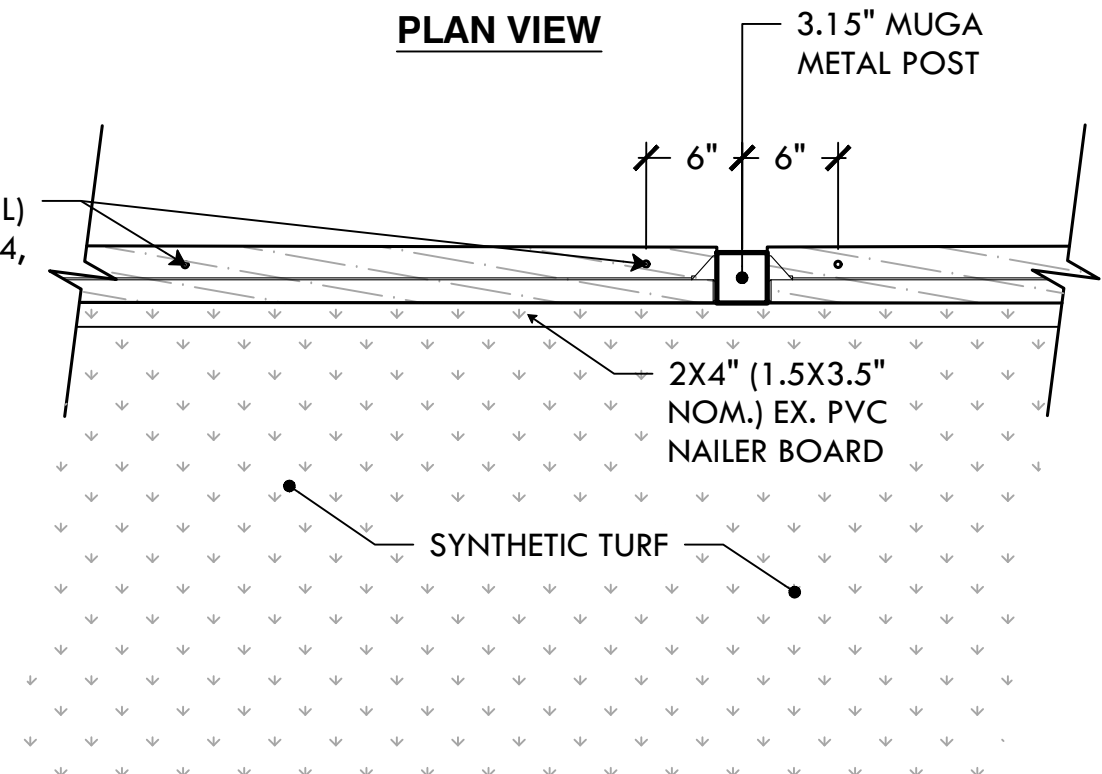
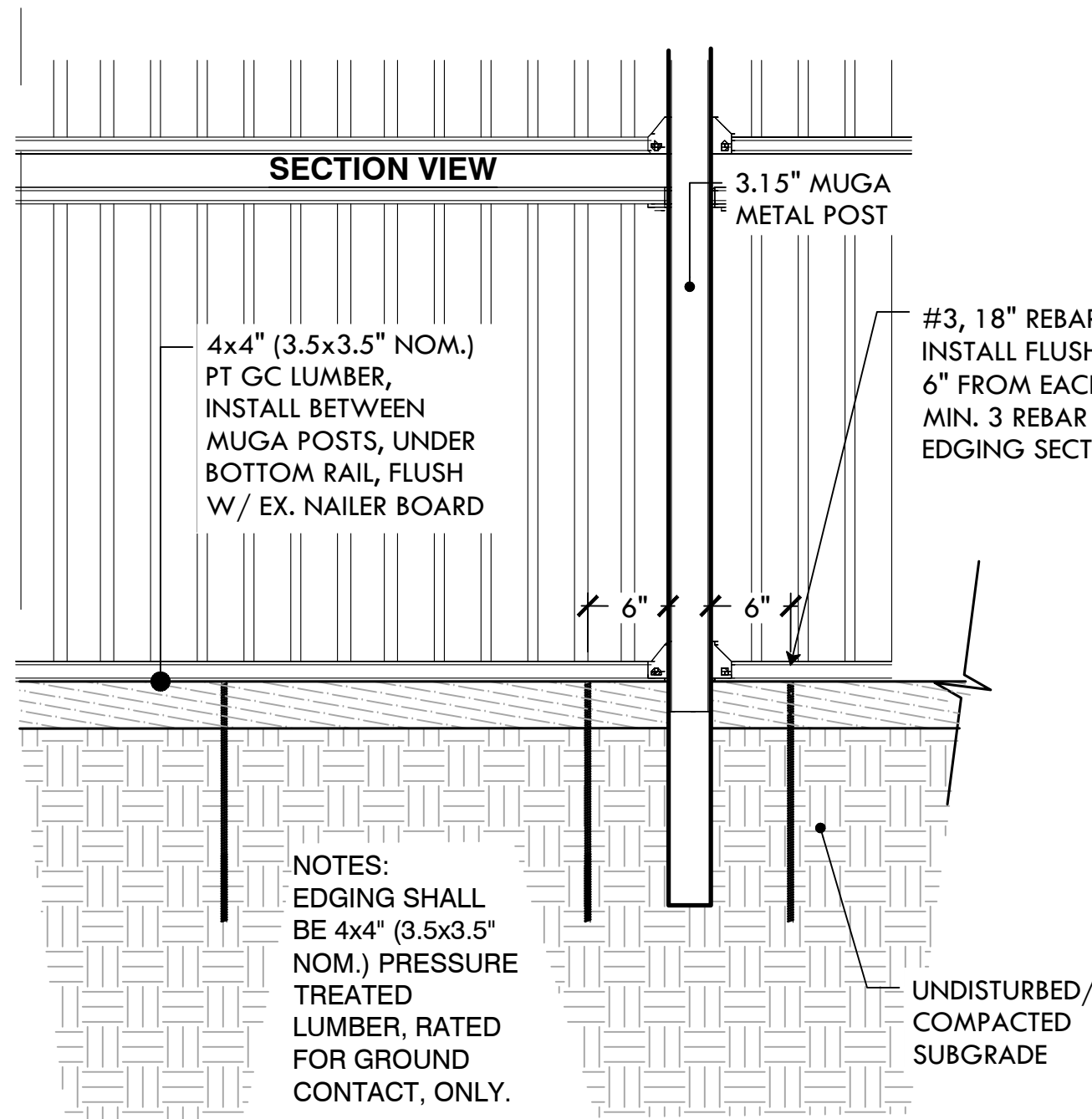
**Details**

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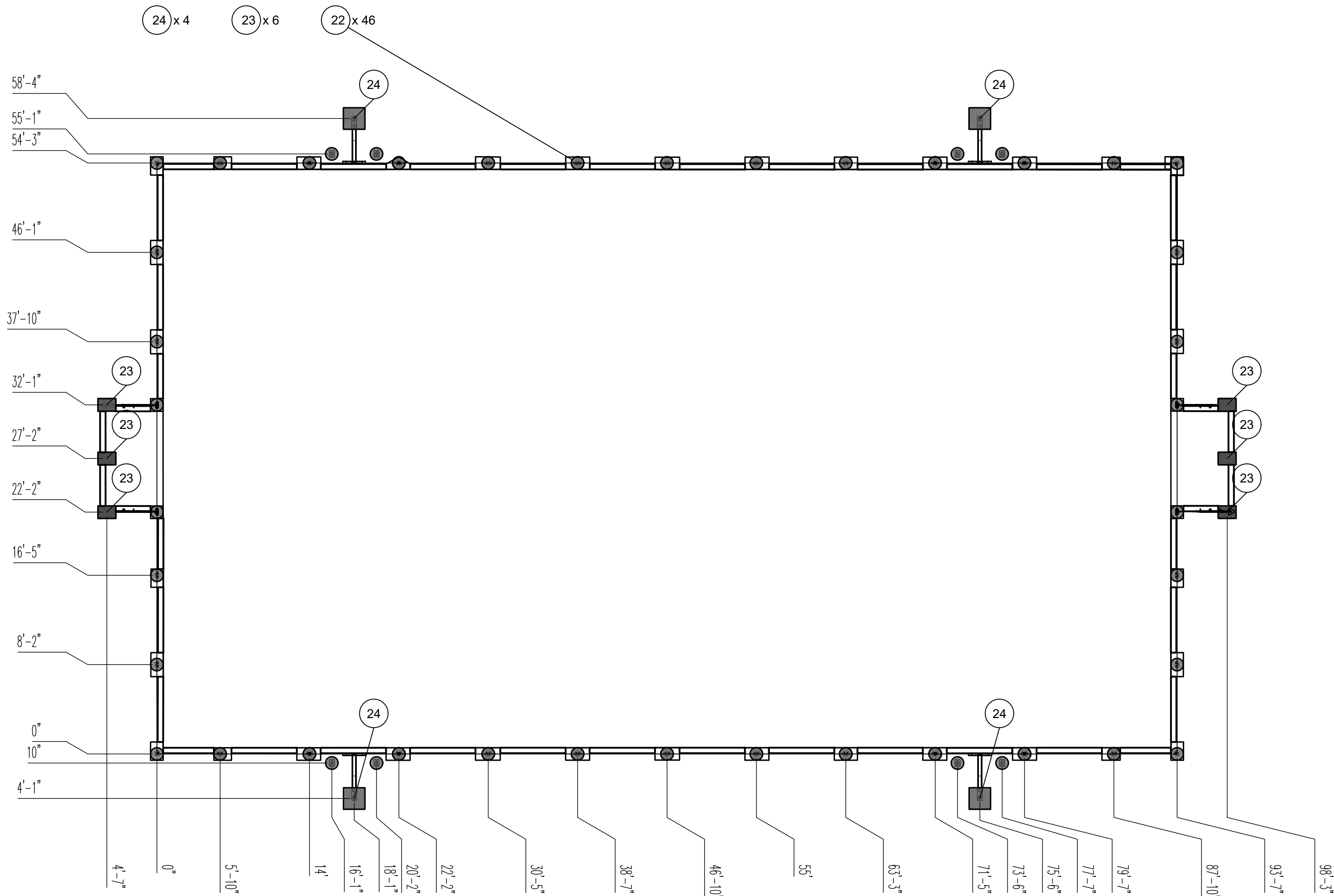
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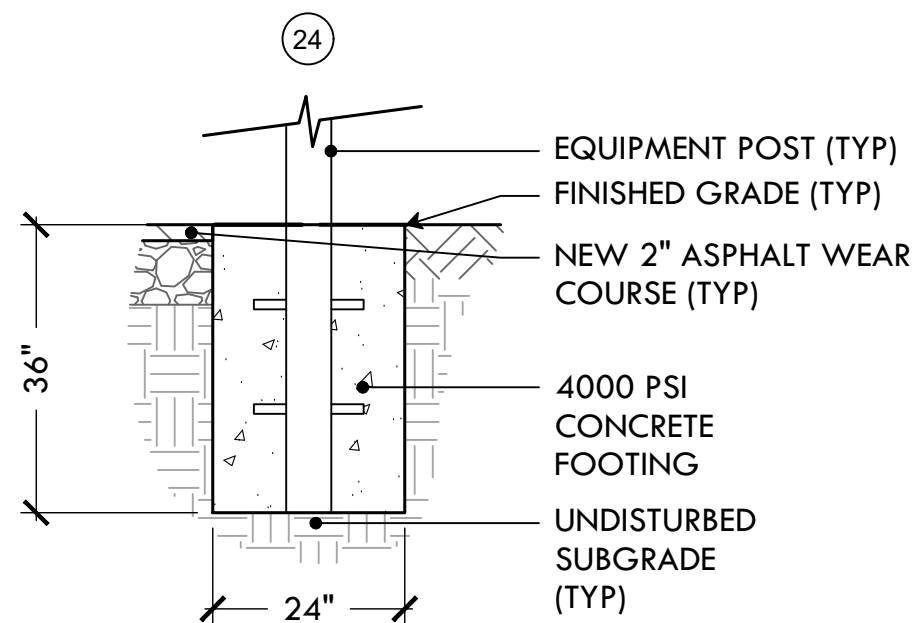
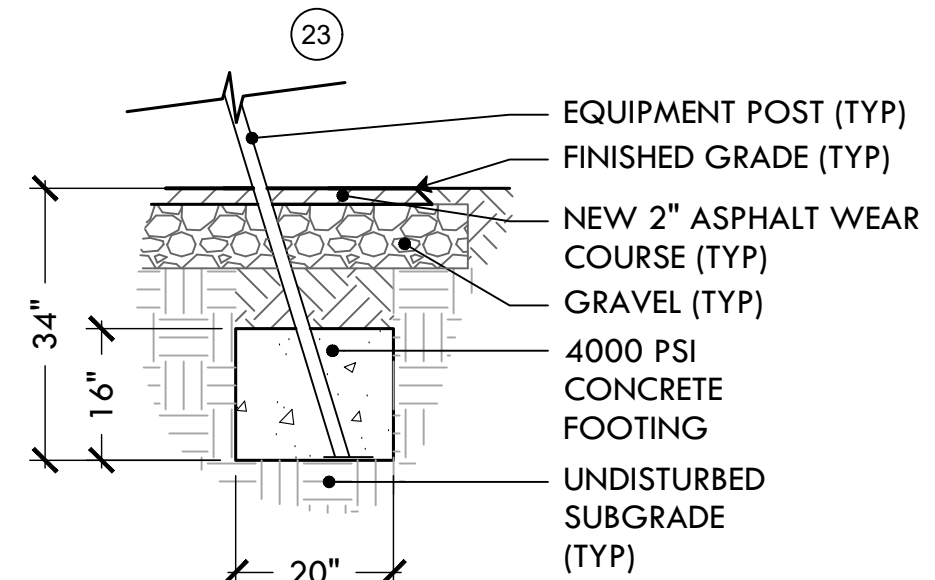
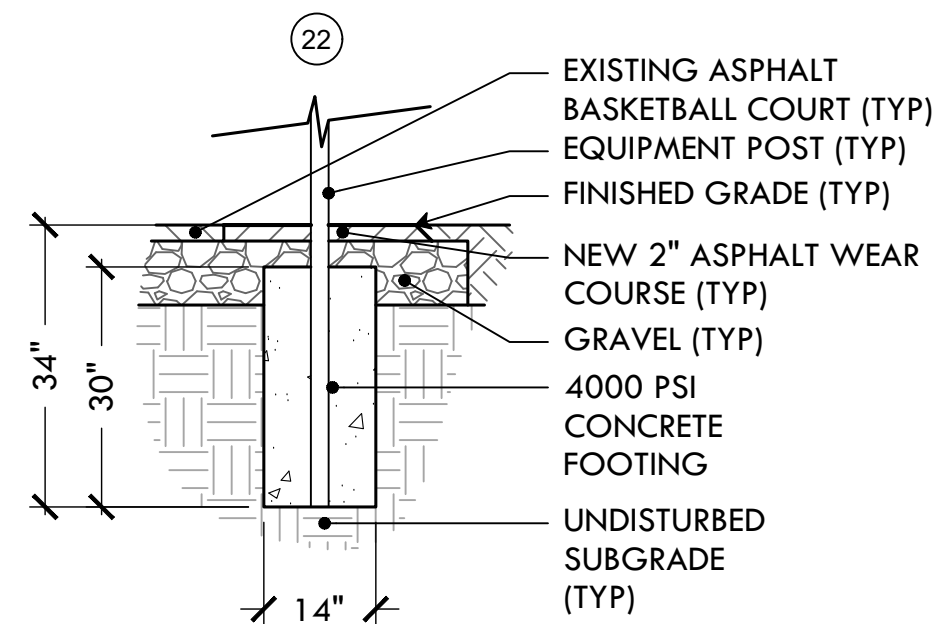


**41** ADD ALT #7: 4\"X4\" P.T. LUMBER EDGING  
NTS

**42** ADD ALT #7: ARTIFICIAL TURF  
NTS



**FOOTING LAYOUT PLAN**



**CONCRETE POST FOOTINGS**

**43** ADD ALT #7: MULTI-SPORTS GAME AREA  
NTS



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