

Clackamas SWCD Headquarters Landscape Plan

22055 S. Beaver Creek Road, Oregon City, Oregon 97004

Project Description & Information

Project Address:
22055 S. Beaver Creek Rd.
Oregon City, Oregon 97004

Scope of work: Design of plaza space and replanting of landscape areas to reflect CSWCD values and mission.

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Design Team

Landscape Architect:
Kyla Tanaka
Studio Wild Landscape Architecture LLC
Portland, Oregon

(510) 207- 5100
info@studiowildla.com

Structural Engineer:
John Voekel, PE
4526 NE 7th Ave
Portland, Oregon 97211

503-345-3075
jvoekel@frameworkeng.com

Owner's Representative

Jason Faucera, Land Management Program Manager
Clackamas Soil and Water Conservation District
22055 S Beaver Creek Rd.
Beavercreek, OR 97004

503-998-3525
jfaucera@conservationdistrict.org

General Notes

- 1. Before proceeding with any portion of the work, the Contractor shall verify dimensions on the drawing in the field. The Contractor shall coordinate with the appropriate subcontractors. The Contractor shall notify the Owner's Representative of any discrepancies before work proceeds.

Vicinity Map



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CPD/KD
COVER SHEET

L0.0

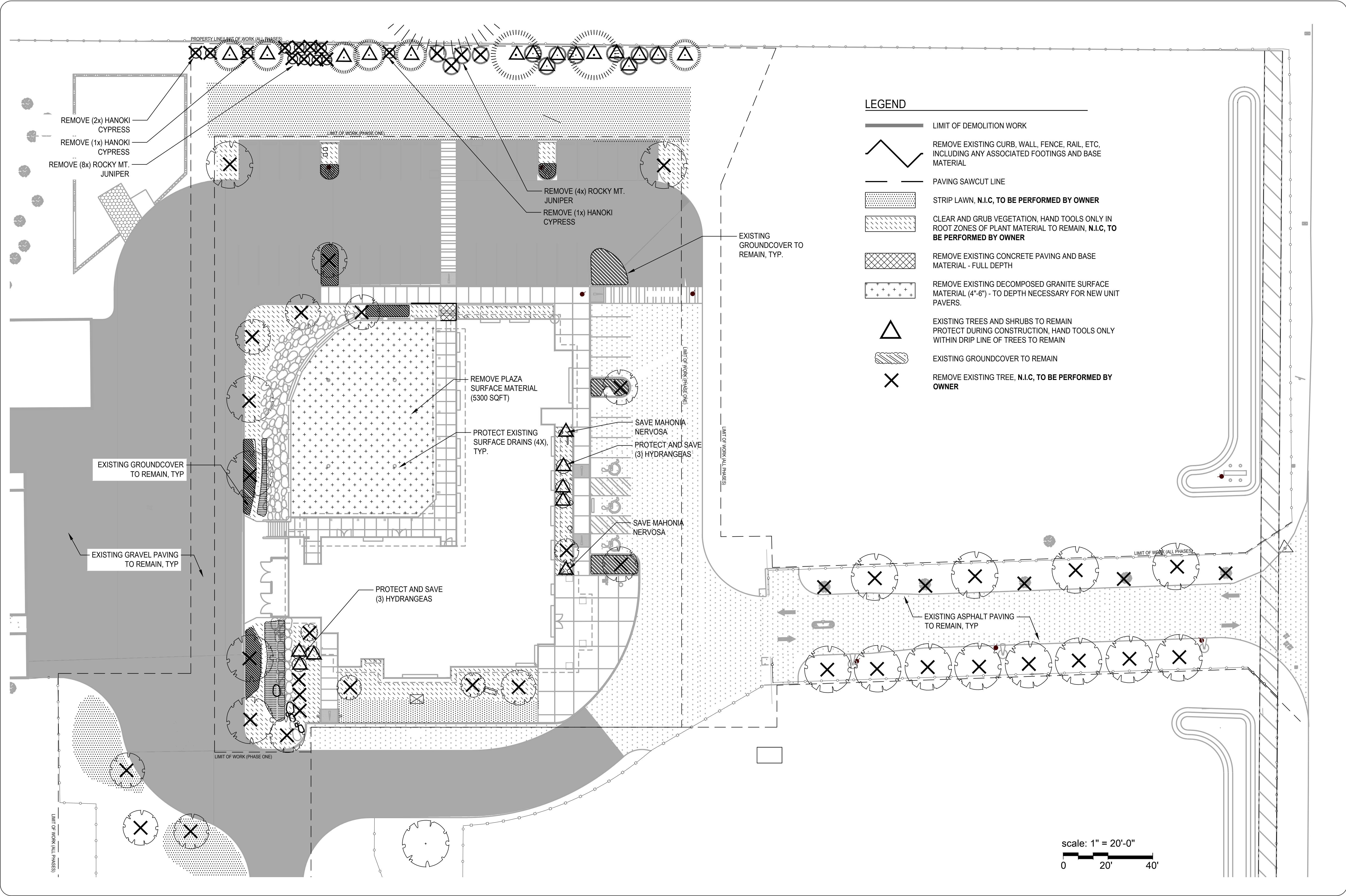
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KD
DEMOLITION PLAN

L0.1



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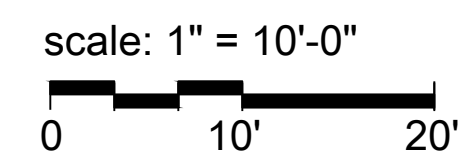
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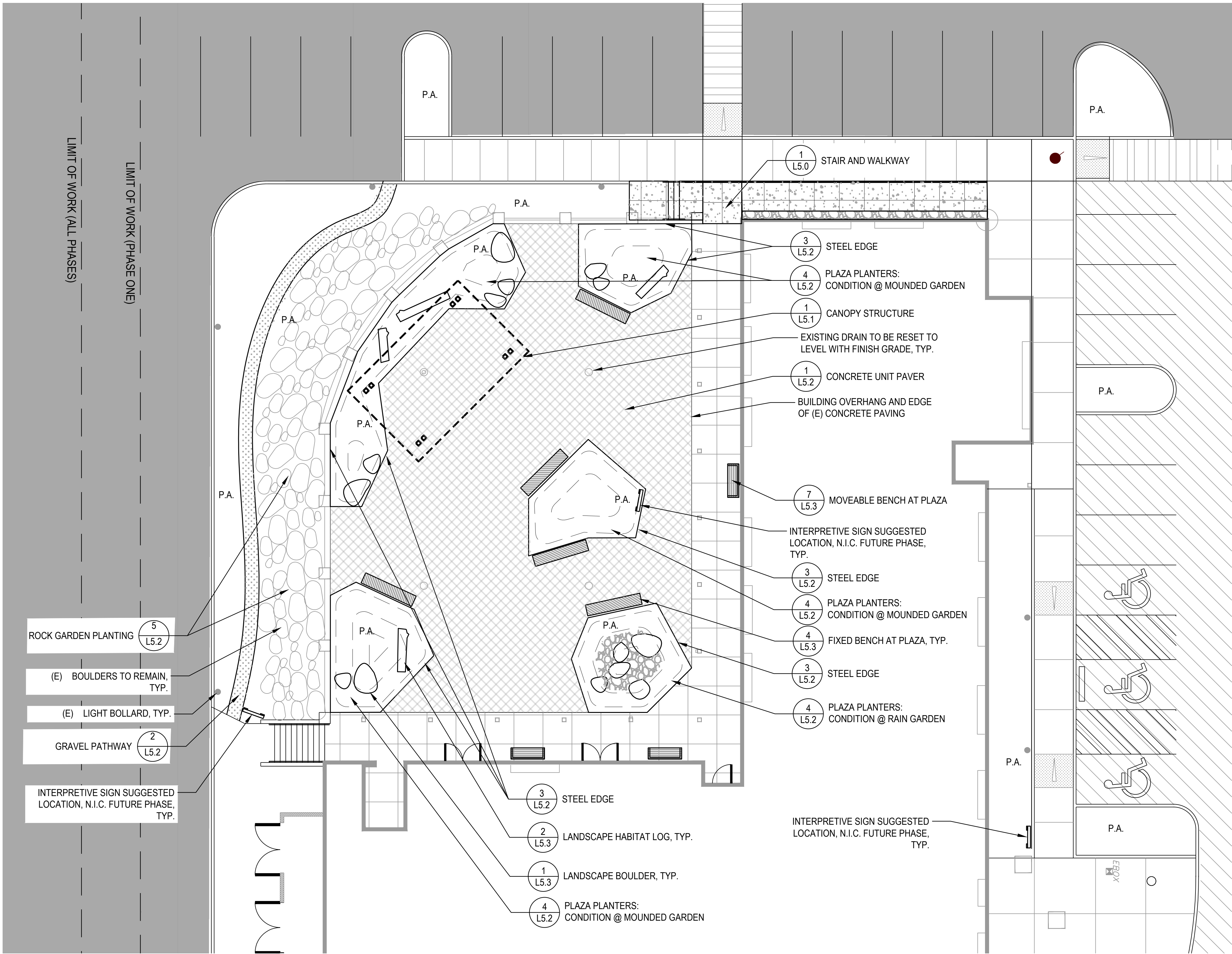
100% CD 7/16/24

Drawn by:
KD

MATERIALS PLAN
WEST

L1.1

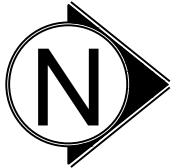




LEGEND

- EXISTING ASPHALT PAVING, TO REMAIN
- EXISTING GRAVEL PAVING, TO REMAIN
- EXISTING CONCRETE PAVING
- P.A. PLANTING AREA, SEE PLANTING PLAN
- NEW CONCRETE PAVING, SEE DET 1, L5.0
- NEW CONCRETE UNIT PAVERS, SEE DET 1, L5.2
- NEW GRAVEL PATHWAY, SEE DET 2, L5.2

scale: 1" = 10'-0"



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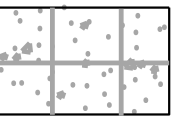
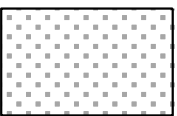
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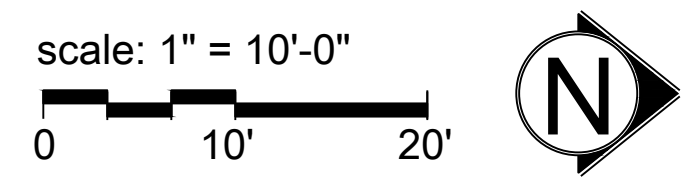
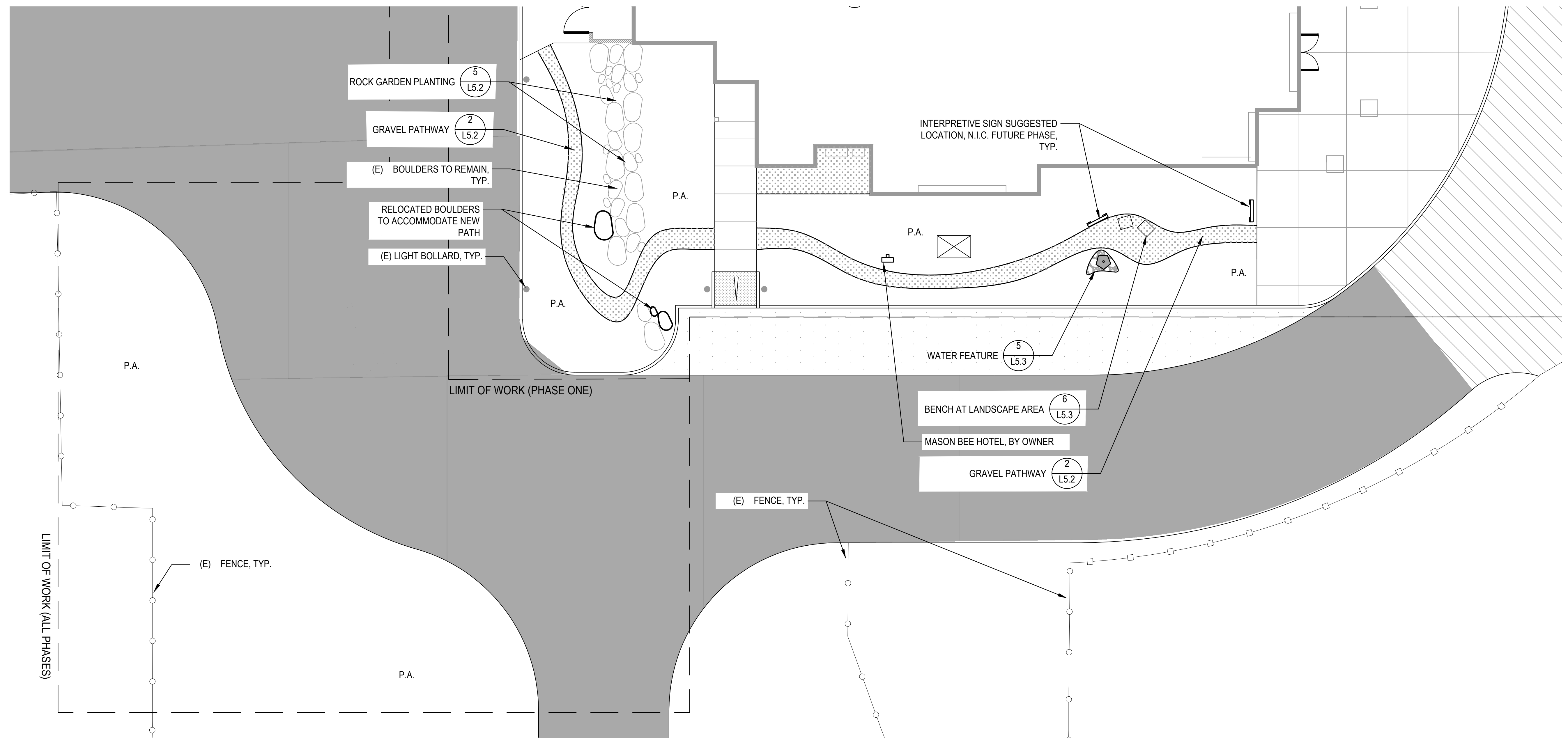
Drawn by:
KD

MATERIALS PLAN
PLAZA

L1.2

LEGEND

	EXISTING ASPHALT PAVING, TO REMAIN		NEW CONCRETE PAVING, SEE DET 1, L5.0
	EXISTING GRAVEL PAVING, TO REMAIN		NEW CONCRETE UNIT PAVERS, SEE DET 1, L5.2
	EXISTING CONCRETE PAVING		NEW GRAVEL PATHWAY, SEE DET 2, L5.2
P.A. PLANTING AREA, SEE PLANTING PLAN			



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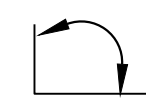
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MATERIALS PLAN
EAST

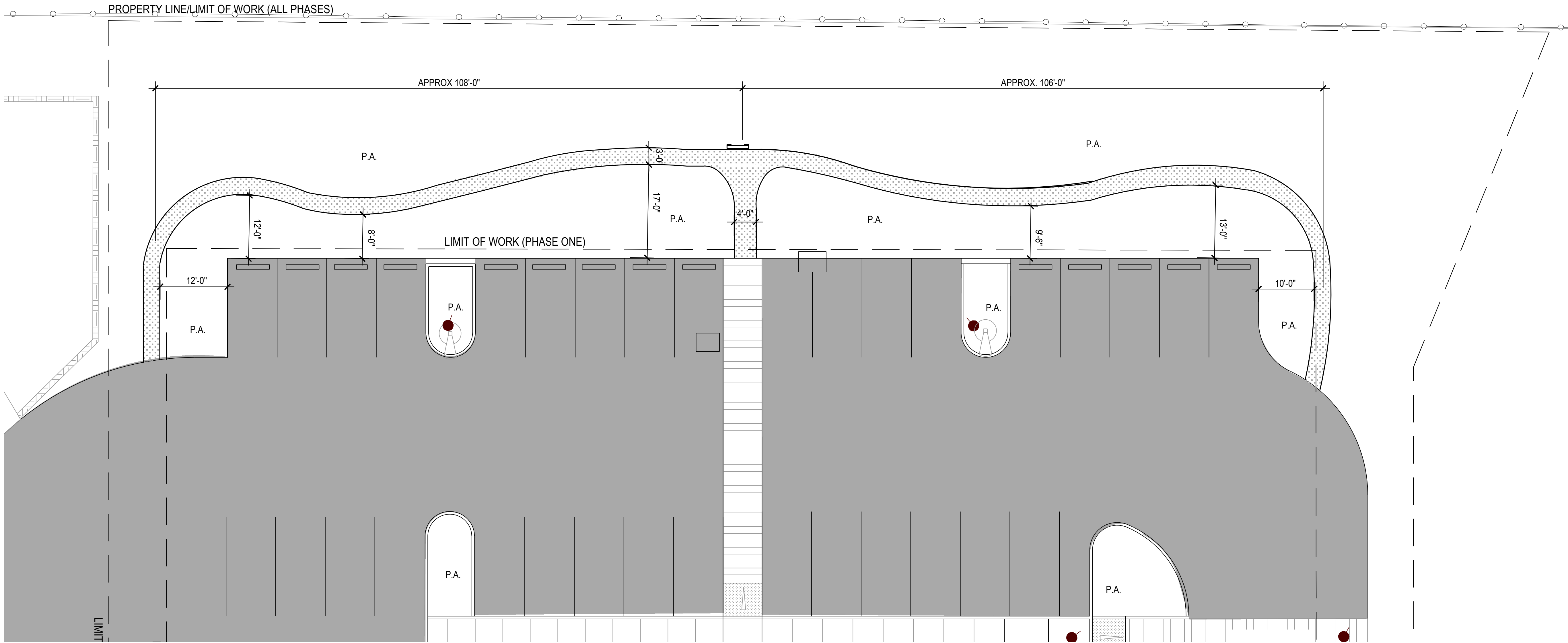
L1.3

LEGEND

- ALIGN
- SQUARE TO ARCADE PAVING
- 45 DEGREE ANGLE TO ARCADE PAVING
- P.A. PLANTING AREA

LAYOUT NOTES

1. DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY DIMENSIONED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN THE FIELD, CONTACT OWNER'S REPRESENTATIVE FOR RESOLUTION.
2. PLAZA LAYOUT INCLUDING PLANTING AREAS AND CANOPY STRUCTURE, TO BE STAKED/MARKED FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH INSTALLATION. 48 HOURS NOTICE TO BE GIVEN TO L.A. (KYLA TANAKA (510) 207 5100)
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDINGS, WALLS, CURBS, ETC., UNLESS OTHERWISE NOTED.
4. ALL CURVED OBJECTS SHALL HAVE SMOOTH, CONTINUOUS CURVES WITH CONSISTENT RADII AS INDICATED. EACH CURVE SHALL MEET ADJACENT CURVES OR LINEAR SECTIONS ON THE TANGENT, UNLESS NOTED OTHERWISE.

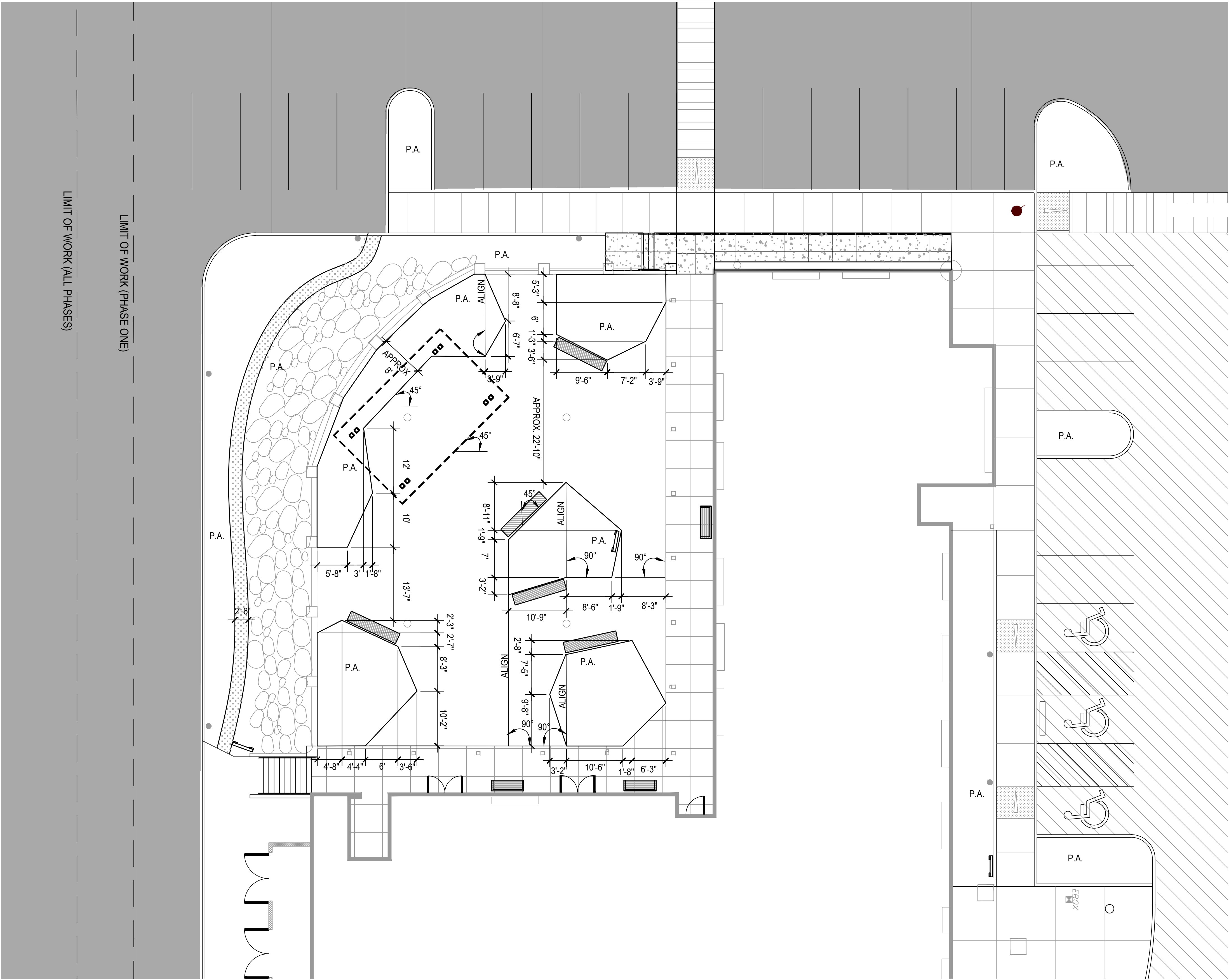


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LAYOUT PLAN
WEST

L2.1



LEGEND

- ALIGN
- SQUARE TO ARCADE PAVING
- 45 DEGREE ANGLE TO ARCADE PAVING
- P.A. PLANTING AREA

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scale: 1" = 10'-0"
0 10' 20'



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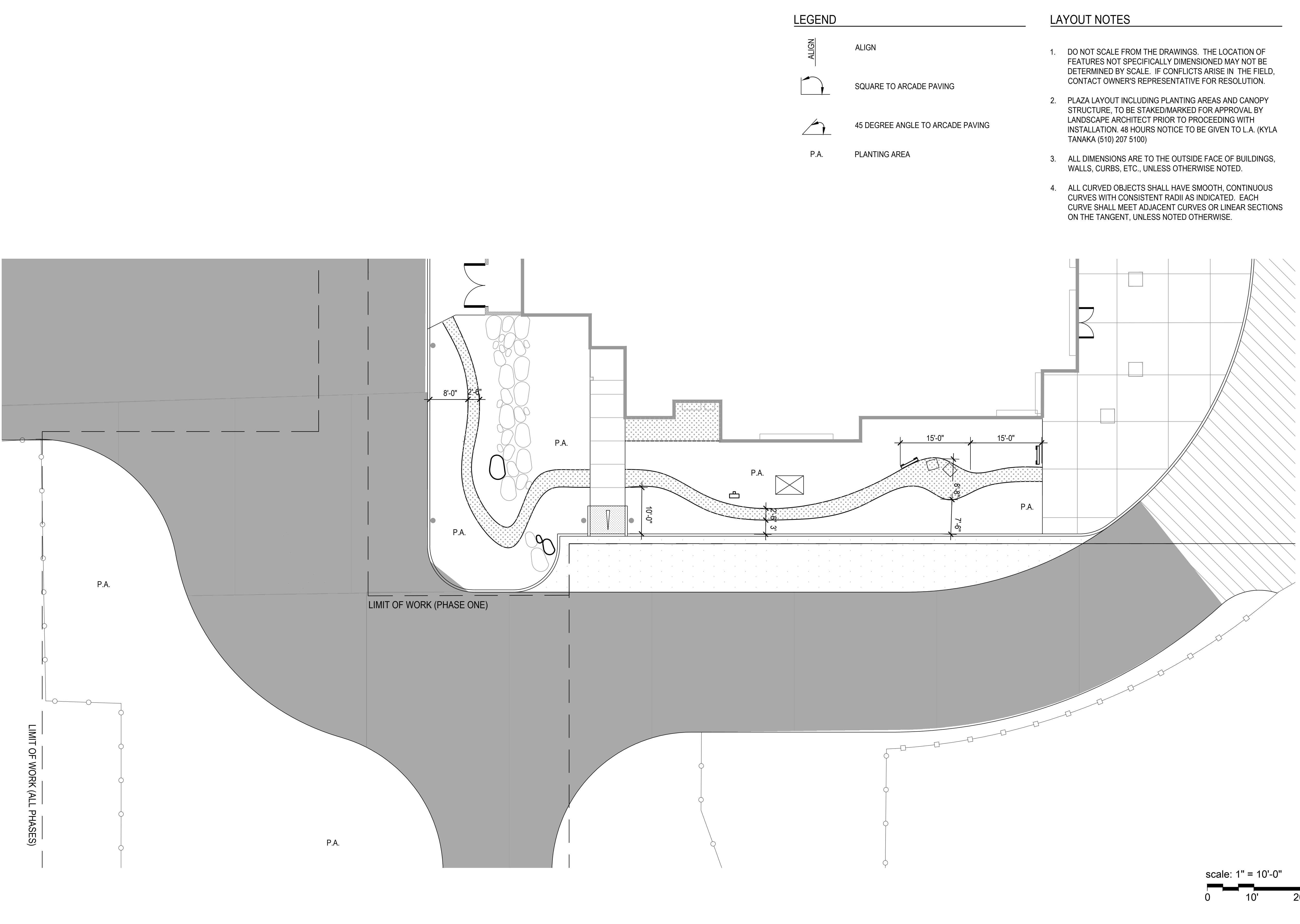
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KT

LAYOUT PLAN
PLAZA

L2.2



LEGEND

- ALIGN
- SQUARE TO ARCADE PAVING
- 45 DEGREE ANGLE TO ARCADE PAVING
- P.A. PLANTING AREA

LAYOUT NOTES

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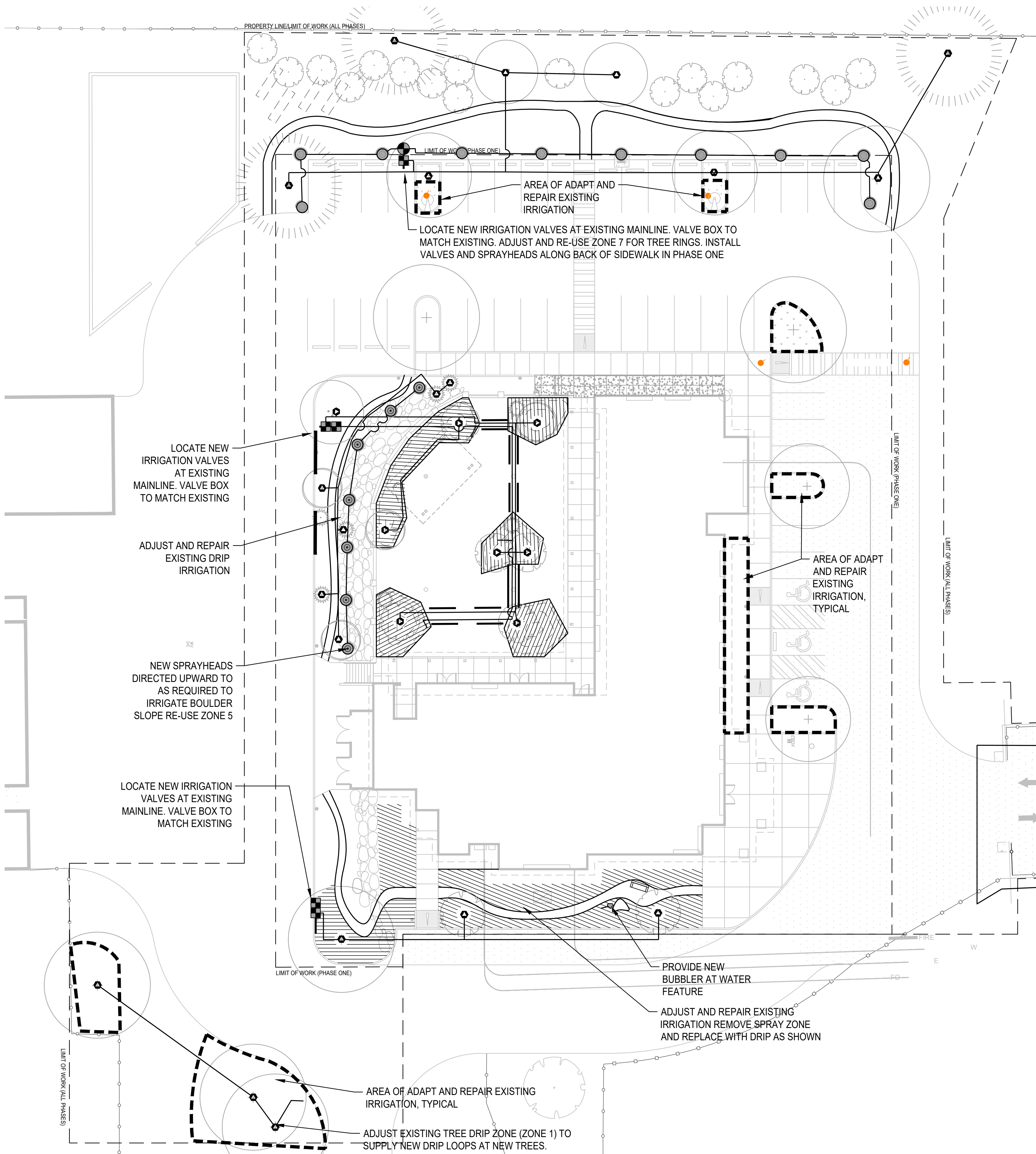
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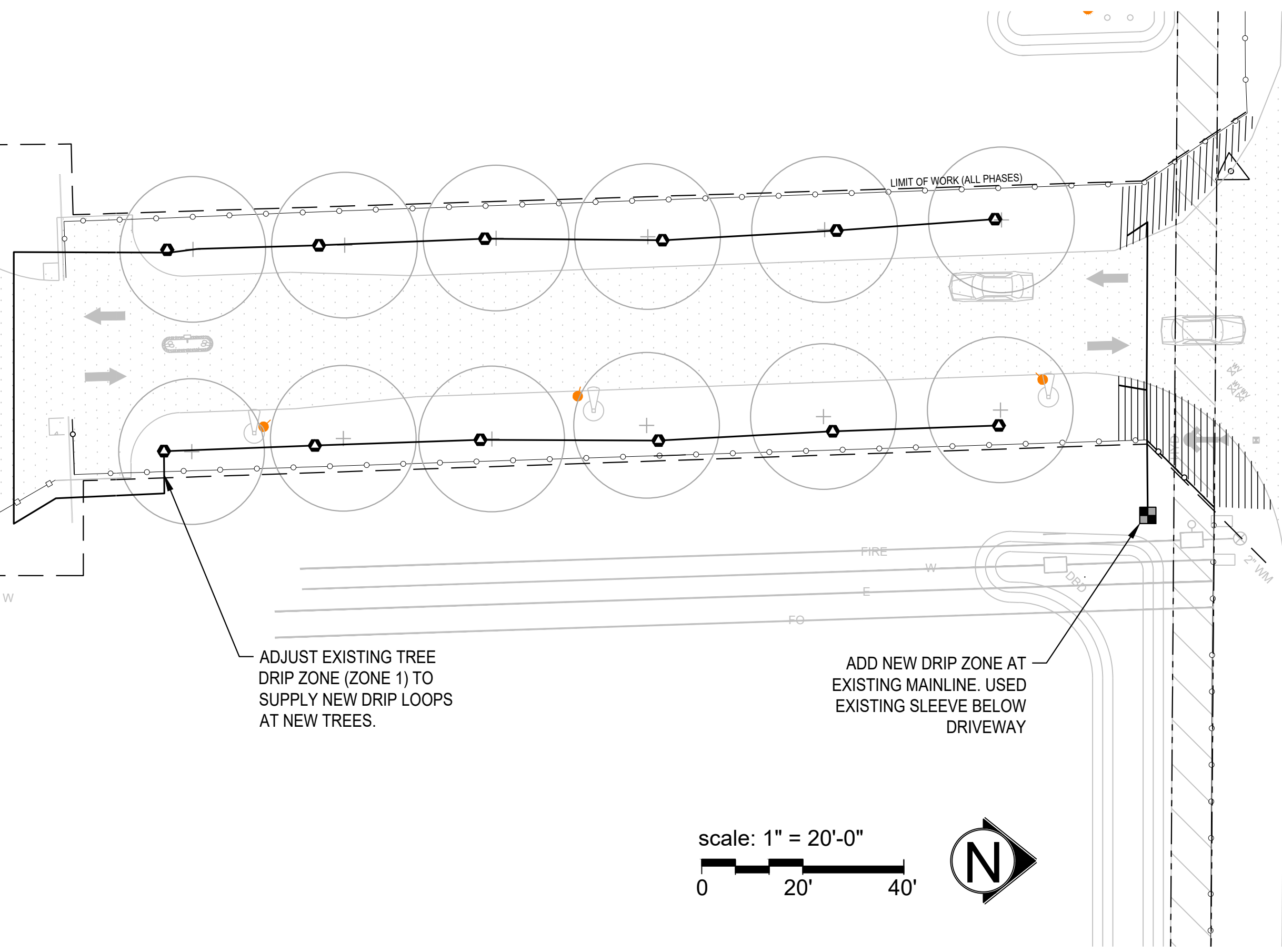
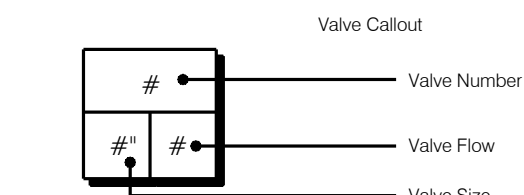
LAYOUT PLAN
EAST

L2.3

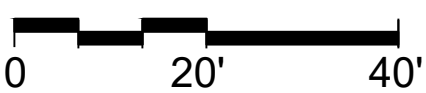


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PHASE 1	PHASE 2
	Hunter MP2000 PROS-06-PRS30-CV-F Shrub Rotator, 6in. pop-up with factory installed check valve, floguard, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	7	7	
	Hunter MP3000 PROS-06-PRS30-CV-F Shrub Rotator, 6in. pop-up with factory installed check valve, floguard, pressure regulated to 30 psi, MP Rotator nozzle on PRS30 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.	10	10	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PHASE 1	PHASE 2
	Hunter PCZ-101-25 1" Drip Control Valve Kit. 1" PGV globe valve with 1" HY100 filter system. Pressure Regulation: . Flow range: 0.5 GPM to 15 GPM. 150 mesh stainless steel screen.	6	5	1
	Hunter HDL-09-12-PC Drip Ring	40	21	19
	Hunter HE-B Point Source Drip Emitter with Self Piercing Barb. Color coded emitters for flow rates of 0.5 GPH, 1.0 GPH, 2.0 GPH, 4.0 GPH, and 6.0 GPH. Can be inserted into 1/2in. and 3/4in. tubing and have pressure compensating from 15 PSI-50 PSI. Optional diffuser cap (HE) available.	1	1	
	Area to Receive Dripline Hunter HDL-06-18-CV HDL-06-18-CV: Hunter Dripline w/ 0.6 GPH emitters at 18" O.C. Check valve, dark brown tubing with gray striping. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD-LOC fittings.	2,818 l.f.	2,381 l.f.	436.9 l.f.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PHASE 1	PHASE 2
	Hunter PGV-101A 1" 1in. Plastic Electric Remote Control Valve, for Residential/Light Commercial Use. Female NPT Inlet/Outlet. Angle Configuration, With Flow Control.	1	1	
	Point of Connection	1	1	
	Irrigation Lateral Line: PVC Schedule 40	2,012 l.f.	1,240 l.f.	771.8 l.f.
	Irrigation Mainline: PVC Schedule 40	838.7 l.f.	456.7 l.f.	341.2 l.f.
	Pipe Sleeve: PVC Class 200 SDR 21	74.2 l.f.	74.2 l.f.	



scale: 1" = 20'-0"



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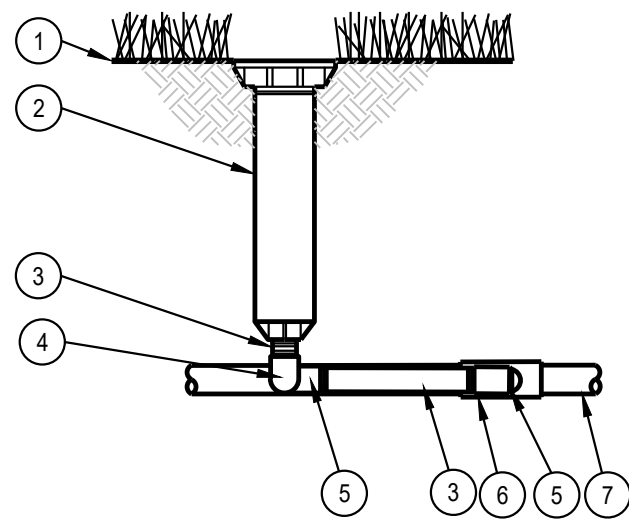
IRRIGATION PLAN

L3.1

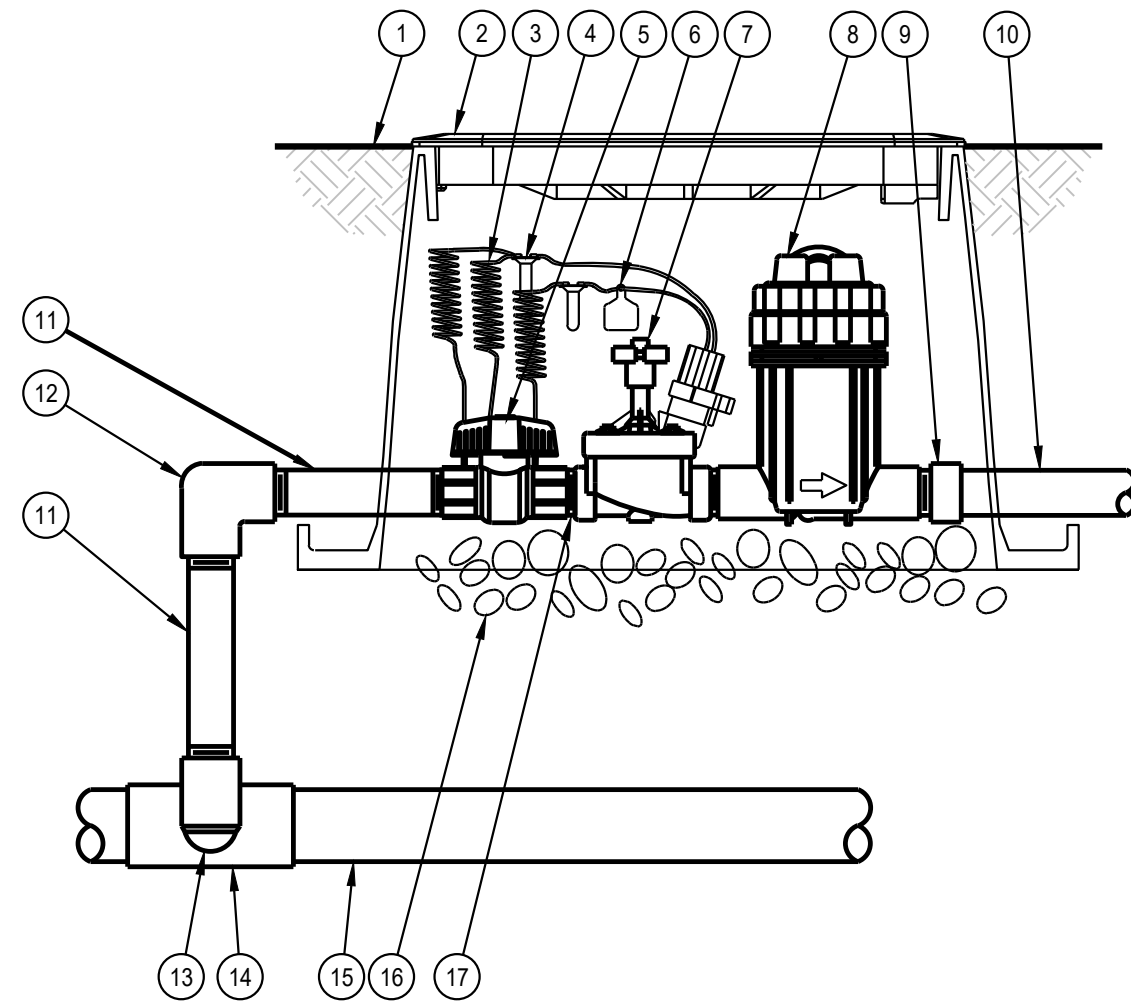
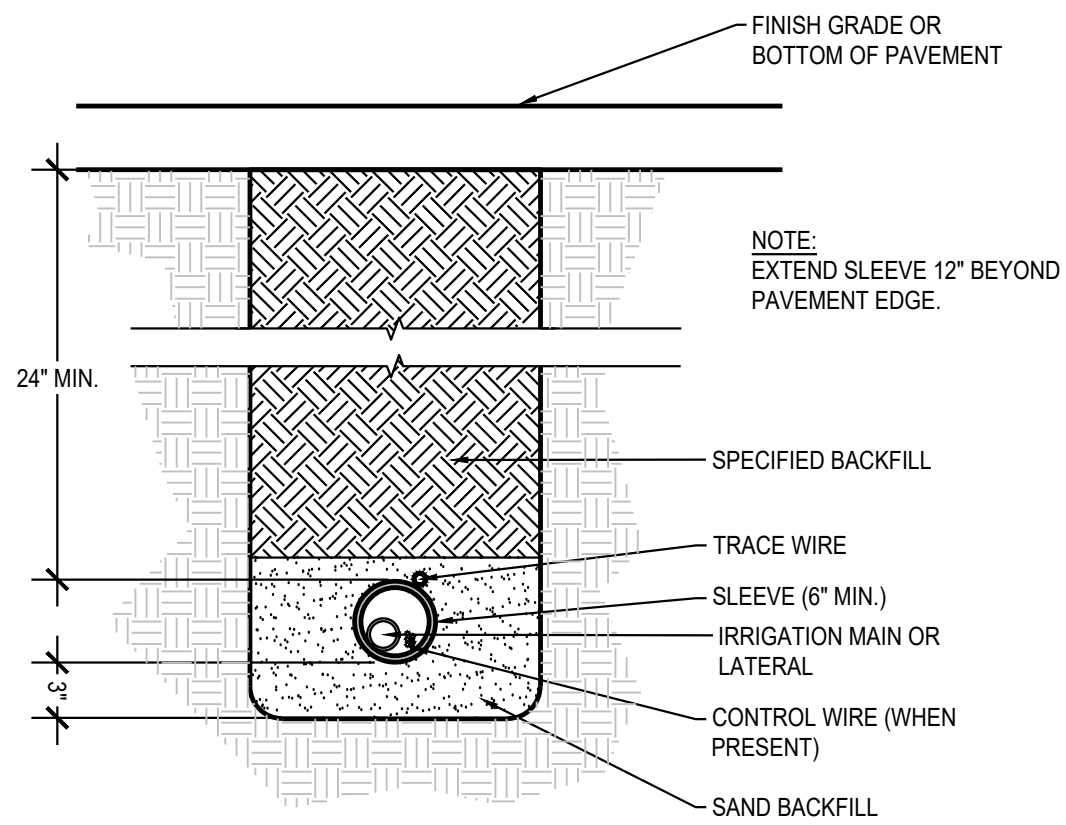
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- KEY NOTES:
- 1 FINISH GRADE/TOP OF MULCH
 - 2 POP-UP SPRAY SPRINKLER WITH NOZZLE AS INDICATED IN HEAD SCHEDULE ON PLANS
 - 3 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
 - 4 PVC SCH 40 ELL
 - 5 PVC SCH 40 STREET ELL
 - 6 PVC SCH 40 TEE OR ELL
 - 7 PVC LATERAL PIPE



- KEY NOTES:
- 1 FINISH GRADE/TOP OF MULCH
 - 2 VALVE BOX WITH COVER
 - 3 30-INCH LINEAR LENGTH OF WIRE, COILED
 - 4 WATERPROOF CONNECTION
 - 5 1-INCH BALL VALVE
 - 6 ID TAG
 - 7 REMOTE CONTROL VALVE
 - 8 PRESSURE REGULATING QUICK CHECK BASKET FILTER
 - 9 PVC SCH 40 FEMALE ADAPTOR
 - 10 LATERAL PIPE
 - 11 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
 - 12 PVC SCH 40 ELL
 - 13 PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
 - 14 PVC SCH 40 TEE OR ELL
 - 15 MAINLINE PIPE
 - 16 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
 - 17 PVC SCH 80 NIPPLE (CLOSE)

7 SPRAYHEAD

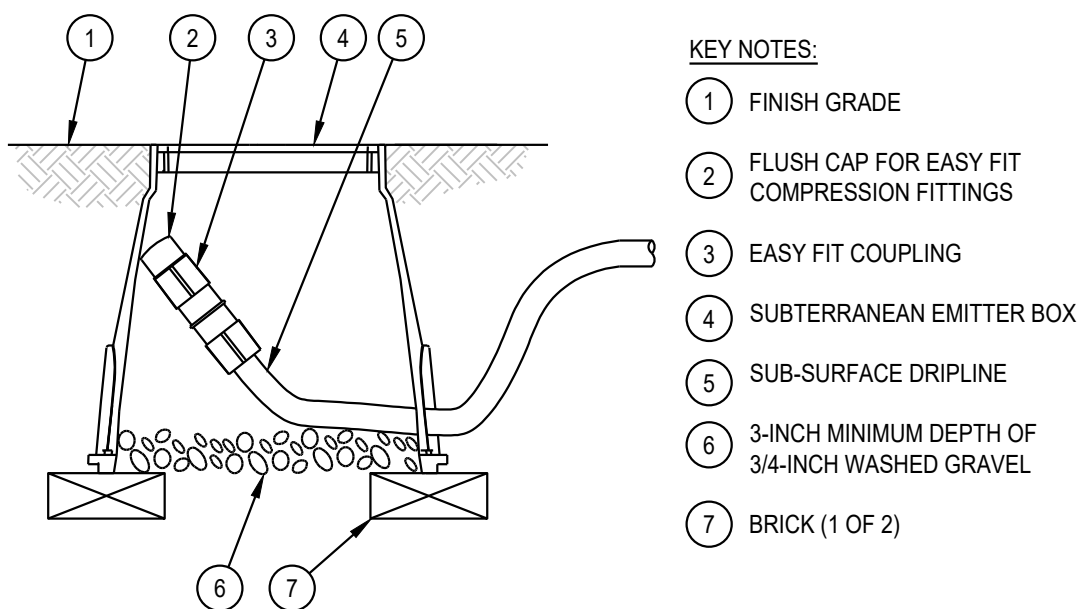
SCALE: NTS SECTION

4 PIPE TRENCHING AND SLEEVING

SCALE: NTS SECTION

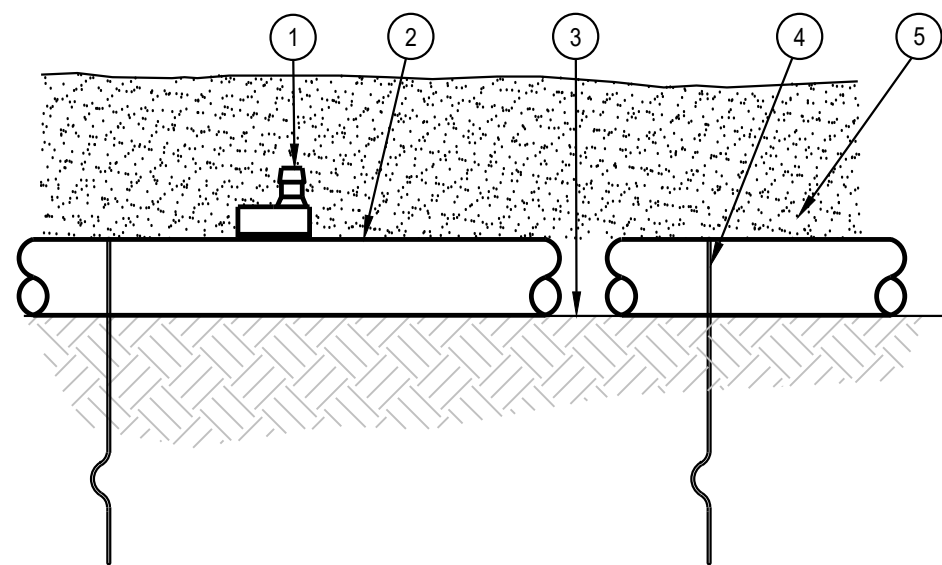
1 DRIP ZONE REMOTE CONTROL VALVE

SCALE: NTS SECTION

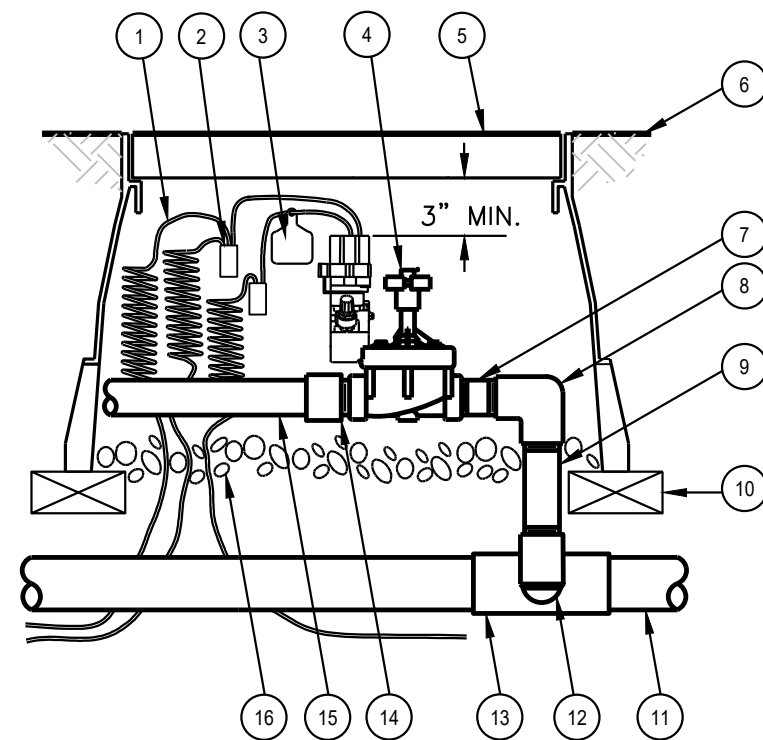


- KEY NOTES:
- 1 FINISH GRADE
 - 2 FLUSH CAP FOR EASY FIT COMPRESSION FITTINGS
 - 3 EASY FIT COUPLING
 - 4 SUBTERRANEAN EMITTER BOX
 - 5 SUB-SURFACE DRIPLINE
 - 6 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
 - 7 BRICK (1 OF 2)

NOTE:
1. ALLOW A MINIMUM OF 6-INCHES OF DRIPLINE TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.



- KEY NOTES:
- 1 SINGLE-OUTLET BARB INLET X BARB OUTLET RAIN BIRD XERI-BUG EMITTER.
 - 2 RAIN BIRD XF SERIES BLANK TUBING
 - 3 FINISH GRADE
 - 4 TIE DOWN STAKE RAIN BIRD TDS-050 WITH BEND (TYP.)
 - 5 COMPOST MULCH
- NOTES:
1. USE MANUFACTURER'S TOOL TO INSERT EMITTER DIRECTLY INTO 1/2" BLANK TUBING.
 2. INSERT BARB X BARB EMITTER
 3. PLACE TIE DOWN STAKES EVERY FOUR FEET.
 4. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.



- KEY NOTES:
- 1 30-INCH LINEAR LENGTH OF WIRE, COILED
 - 2 WATERPROOF CONNECTION
 - 3 ID TAG
 - 4 REMOTE CONTROL VALVE
 - 5 VALVE BOX WITH COVER
 - 6 FINISH GRADE/TOP OF MULCH
 - 7 PVC SCH 80 NIPPLE (CLOSE)
 - 8 PVC SCH 40 ELL
 - 9 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
 - 10 BRICK (1 OF 4) AT CORNERS
 - 11 PVC MAINLINE PIPE
 - 12 SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
 - 13 PVC SCH 40 TEE OR ELL
 - 14 PVC SCH 40 MALE ADAPTER
 - 15 PVC LATERAL PIPE
 - 16 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

8 FLUSH VALVE

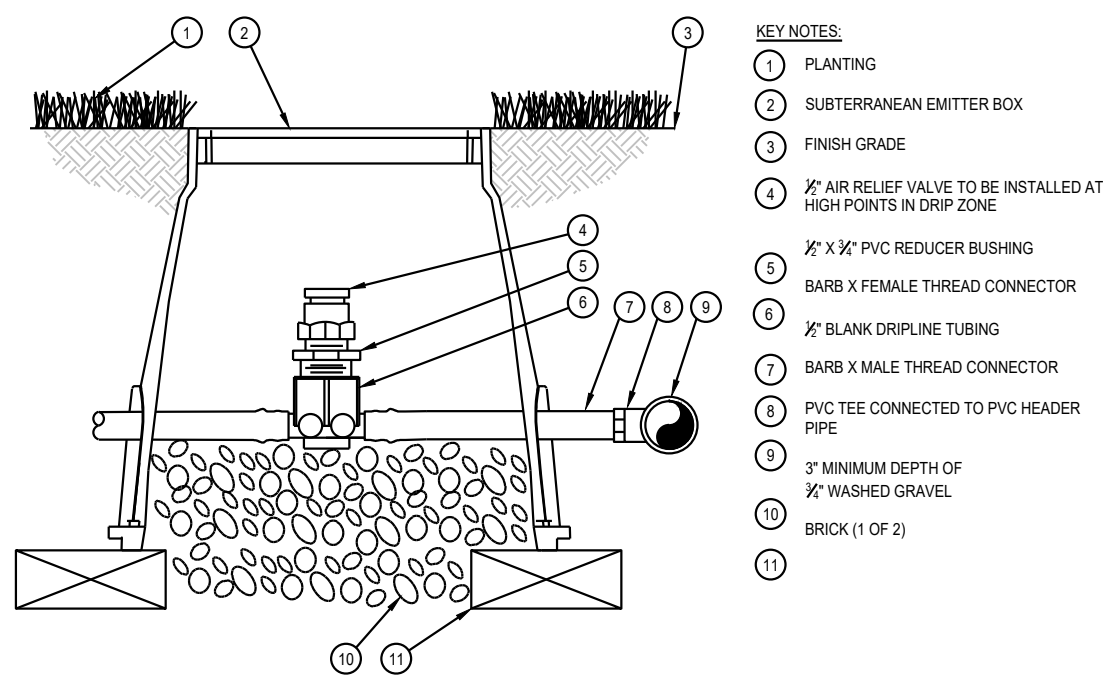
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5 SINGLE BARB DRIP EMITTER

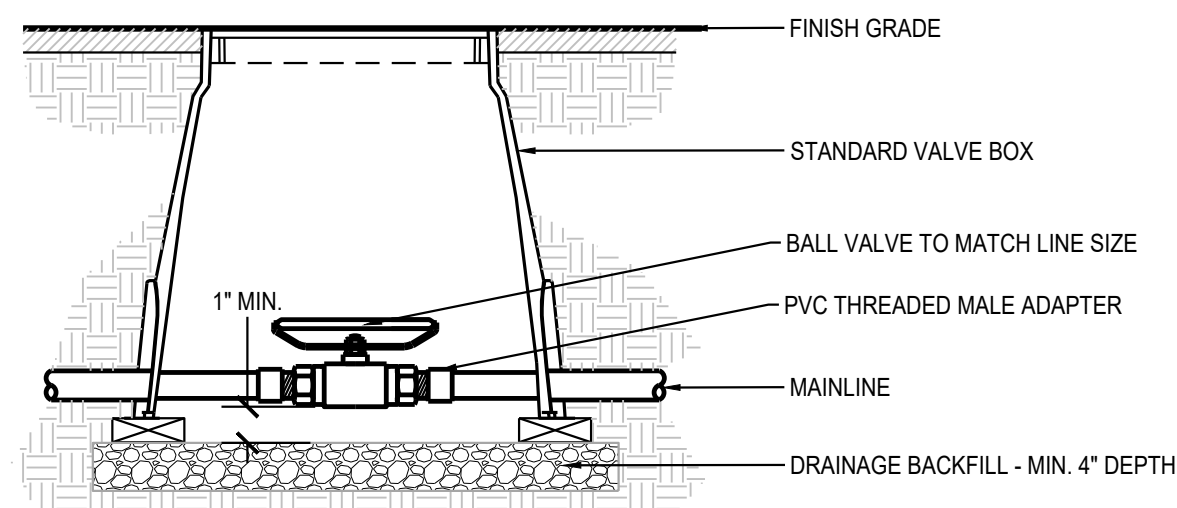
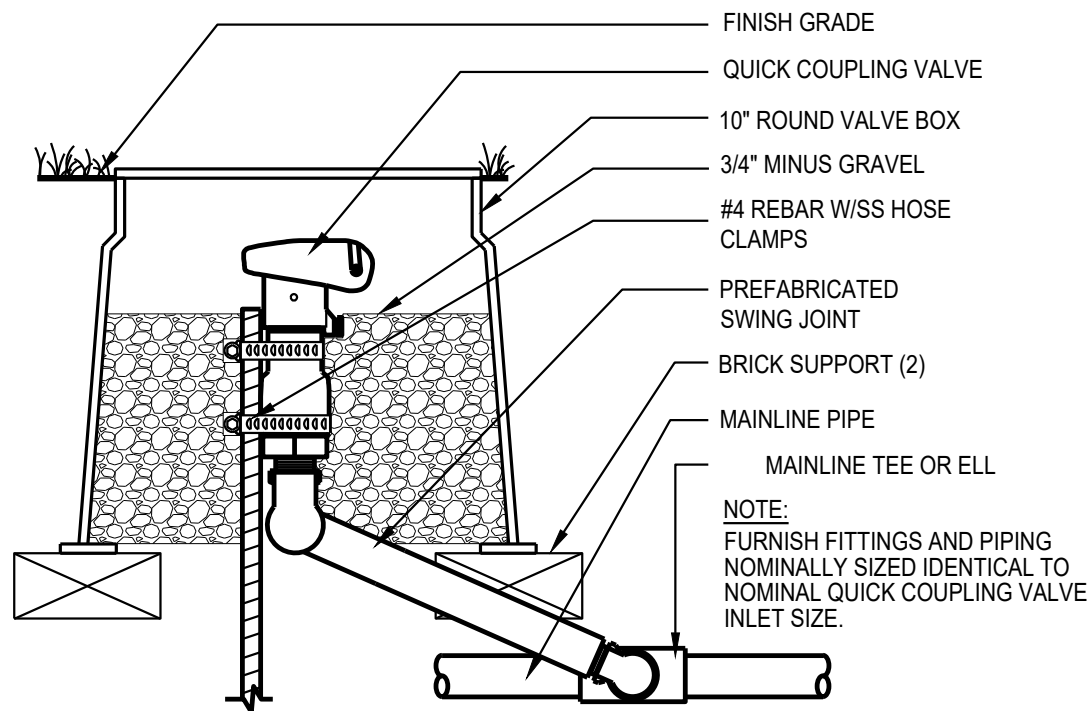
SCALE: NTS SECTION

2 REMOTE CONTROL VALVE

SCALE: NTS SECTION



- KEY NOTES:
- 1 PLANTING
 - 2 SUBTERRANEAN EMITTER BOX
 - 3 FINISH GRADE
 - 4 1/2" AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINTS IN DRIP ZONE
 - 5 1/2" X 3/4" PVC REDUCER BUSHING
 - 6 BARB X FEMALE THREAD CONNECTOR
 - 7 1/2" BLANK DRIPLINE TUBING
 - 8 BARB X MALE THREAD CONNECTOR
 - 9 PVC TEE CONNECTED TO PVC HEADER PIPE
 - 10 2" MINIMUM DEPTH OF 3/4" WASHED GRAVEL
 - 11 BRICK (1 OF 2)



9 AIR RELIEF

SCALE: NTS SECTION

6 QUICK COUPLING VALVE

SCALE: NTS SECTION

3 ISOLATION VALVE

SCALE: NTS SECTION

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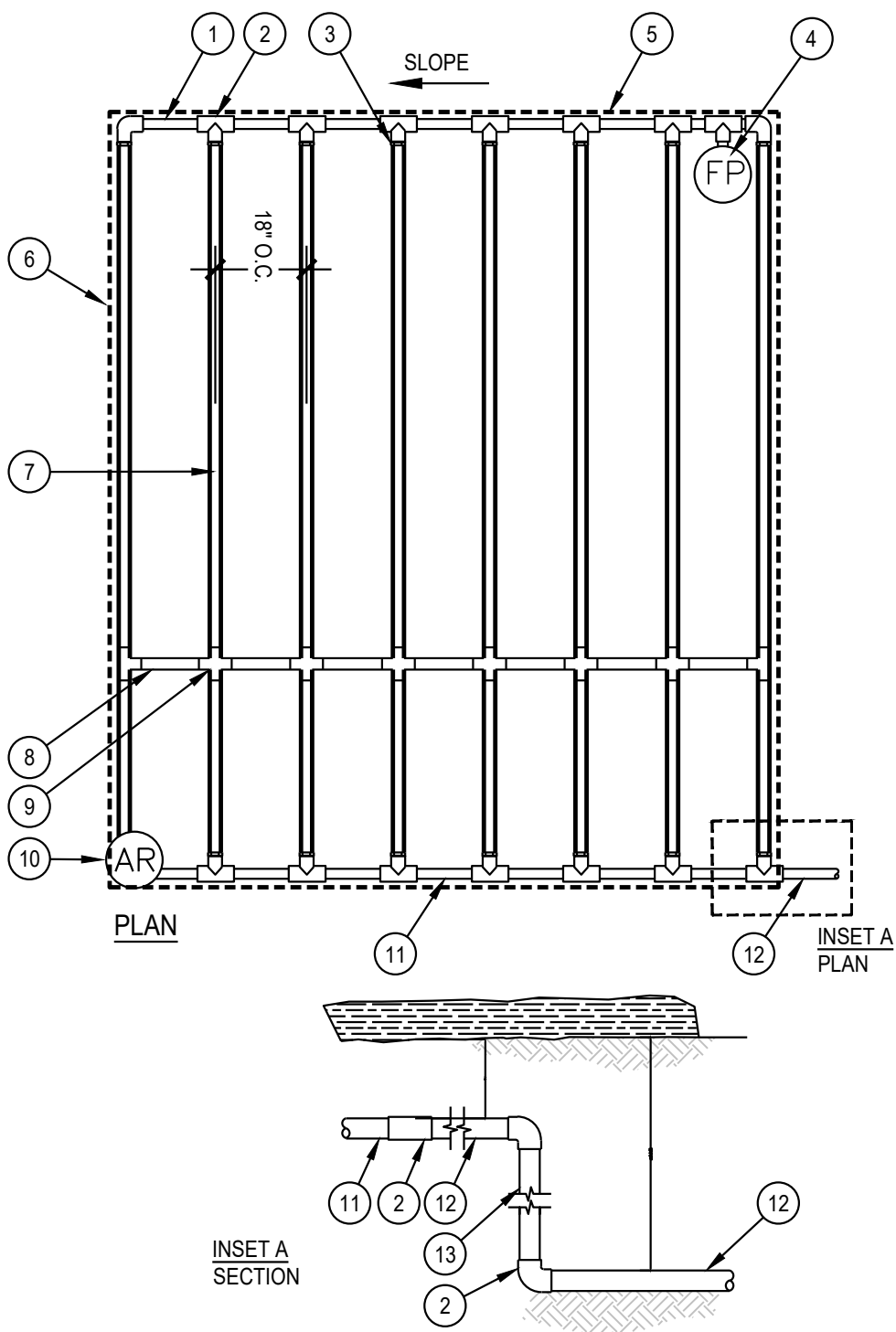
IRRIGATION DETAILS

L3.2

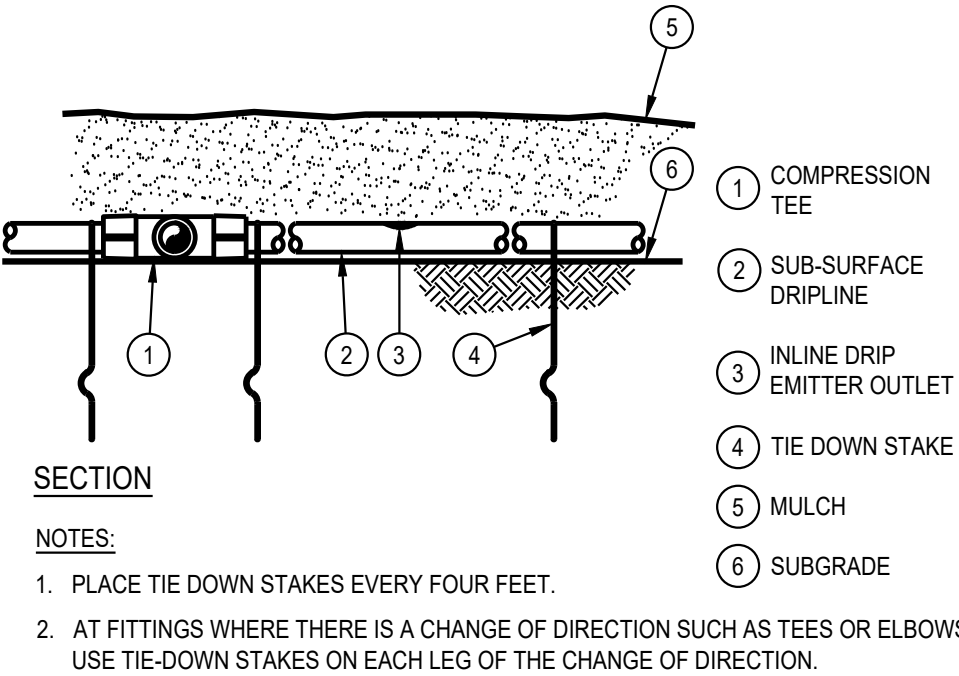
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XFS DRIPLINE MAXIMUM LATERAL LENGTHS (FEET)						
INLET PRESSURE (PSI)	12" SPACING		18" SPACING		24" SPACING	
	NOMINAL FLOW (GPH)	NOMINAL FLOW (GPH)	NOMINAL FLOW (GPH)	NOMINAL FLOW (GPH)	NOMINAL FLOW (GPH)	NOMINAL FLOW (GPH)
	0.6	0.9	0.6	0.9	0.6	0.9
15	273	155	314	250	424	322
20	318	169	353	294	508	368
30	360	230	413	350	586	414
40	395	255	465	402	652	474
50	417	285	528	420	720	488
60	460	290	596	455	780	514

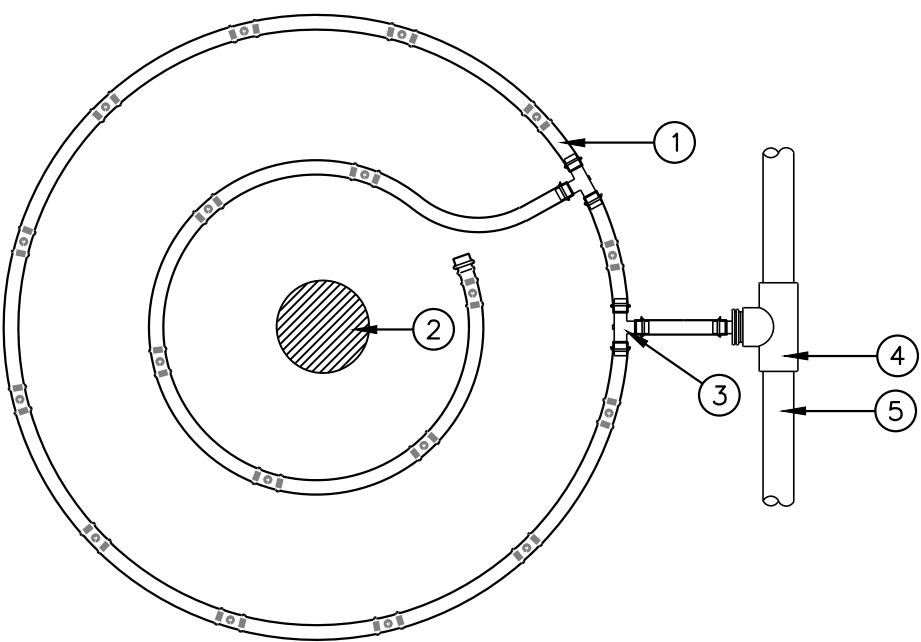


1

DRIPLINE LAYOUT

SCALE: NTS

SECTION



2

DRIPLINE LOOPS

SCALE: NTS

SECTION

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IRRIGATION DETAILS

L3.3

ARCTO

CIOC

MYCA

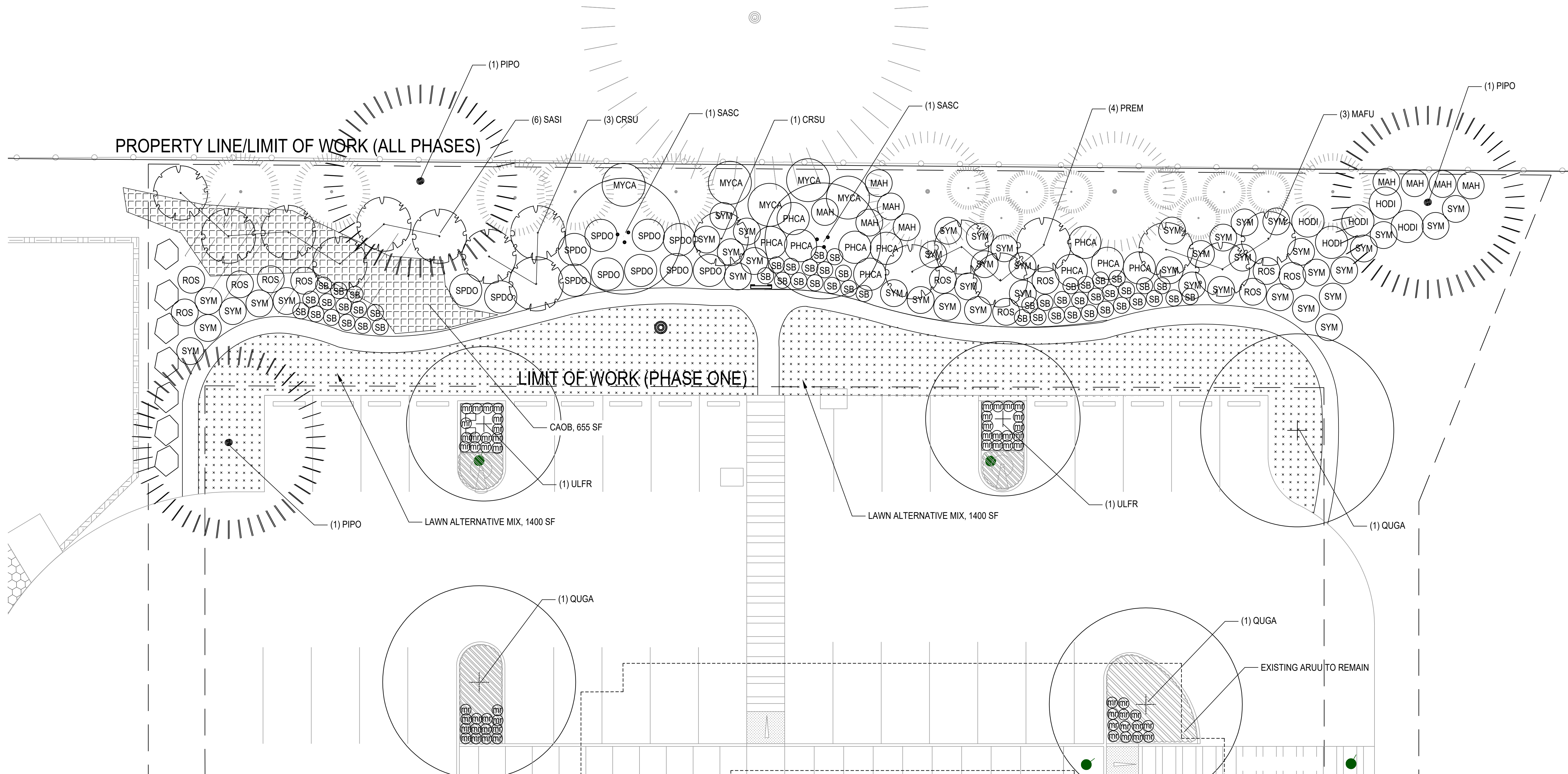
PHCA

TREES					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	PH 1	PH 2
AMAB	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	15 GAL./MULTI	5	-
CECA	CERCIS CANADENSIS	EASTERN REDBUD	1.5" CALIPER	4	-
CRSU	CRATAEGUS SUKSDORFII	SUKSDORF'S BLACK HAWTHORNE	10 GAL.	-	4
MAFU	MALUS FUSCA	WESTERN CRABAPPLE	10 GAL.	2	5
PIPO	PINUS PONDEROSA	PONDEROSA PINE	6' HT.	1	2
PREM	PRUNUS EMARGINATA	BITTER CHERRY	10 GAL.	-	4
QUGA	QUERCUS GARRYANA	OREGON WHITE OAK	2" CALIPER	4	15
SASC	SALIX SCOULERIANA	SCOULER'S WILLOW	10 GAL.	1	2
SASI	SALIX SITCHENSIS	SITKA WILLOW	5 GAL.	-	6
ULFR	ULMUS FRONTIER	FRONTIER ELM	2" CALIPER	4	-
TSME	TSUGA MERTENSII	MOUNTAIN HEMLOCK	6' HT.	8	-
SHRUBS					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	PH 1	PH 2
_____	ARCTOSTASPHYLOS COLUMBIANA	HAIRY MANZANITA	2 GAL.	3	-
(au)	ARCTOSTAPHYLOS UVA URSI	KINNIKINNIK	1 GAL.	46	-
CEAN	CEANOTHUS THYRSIFLORUS	BLUE BLOSSOM CEANOTHUS	2 GAL.	2	-
	CERCIS OCCIDENTALIS	WESTERN REDBUD	5 GAL.	3	-
FRCA	FRANGULA CALIFORNICA	CALIFORNIA COFFEEBERRY	5 GAL.	4	-
HODI	HOLODISCUS DISCOLOR	OCEAN SPRAY	1 GAL.	-	5
(J)	JUNIPERUS COMMUNIS 'BERKSHIRE SPARKLER'	CREEPING COMMON JUNIPER	1 GAL.	12	-
MAH	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	1 GAL.	-	9
(m)	MAHONIA REPENS	CREEPING OREGON GRAPE	1 GAL.	280	53
	MYRICA CALIFORNICA	WAX MYRTLE	5 GAL.	-	5
PHLE	PHILADELPHUS LEWISII	WESTERN MOCK ORANGE	5 GAL.	1	-
	PHYSOCARPUS CAPITATUS	WESTERN NINEBARK	1 GAL.	-	10
RISA	RIBES SANGUINEUM	RED FLOWERING CURRANT	5 GAL.	2	-
RHO	RHODODENDRON OCCIDENTALIS	WESTERN AZALEA	5 GAL.	4	-
ROS	ROSA PISOCARPA	SWAMP WILD ROSE, CLUSTERED WILD ROSE	1 GAL.	-	11
(SB)	SPIRAEA BETULIFOLIA SPP. LUCIDA	SHINY BIRCHLEAF SPIREA	1 GAL.	63	52
(SD)	SPIRAEA DENSIFLORA	MOUNTAIN SPIREA	1 GAL.	15	-
SPDO	SPIRAEA DOUGLASIANA	HARDHACK	5 GAL.	-	11
SYM	SYMPHORICARPUS ALBUS	SNOWBERRY	1 GAL.	-	44
(Vbr)	VACCINIUM ANGUSTIFOLIUM 'BRUNSWICK'	BRUNSWICK LOW BUSH BLUEBERRY	1 GAL.	7	-
(Vbu)	VACCINIUM ANGUSTIFOLIUM 'BURGUNDY'	BURGUNDY LOWBUSH BLUEBERRY	1 GAL.	9	-
V	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	5 GAL.	4	-
PERENNIALS, GRASSES, FERNS					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	PH 1	PH 2
(a)	ADIANTUM ALEUTICUM	NORTHERN MAIDENHAIR FERN	1 GAL.	8	-
(a)	ALLIUM CERNUUM	NODDING ONION	1 GAL.	9	-
(a)	ANAPHALIS MARGARITACEA	PEARLY EVERLASTING	1 GAL.	20	-
(d)	AQUILEGIA FORMOSA	WESTERN COLUMBINE	1 GAL.	23	-
(af)	ATHYRIUM FELIX-FEMINA	LADY FERN	1 GAL.	9	-
(c)	CAMASSIA QUAMASH	COMMON CAMAS	1 GAL.	8	-
(c)	CAREX DEWEYANA SSP. LEPTOPODA	DEWEY SEDGE, SHORTER SCALE SEDGE	4"	203	-
(e)	ERIGERON GLAUCUS	SEASIDE DAISY	1 GAL.	15	-
(es)	ERIGERON SPECIOSUS	ASPEN FLEABANE	1 GAL.	6	-
(E)	ERIOPHYLLUM LANATUM	OREGON SUNSHINE	1 GAL.	29	-
(f)	FESTUCA ROEMERI	ROEMER'S FESCUE	1 GAL.	58	77
(id)	IRIS DOUGLASIANA	DOUGLAS IRIS	1 GAL.	31	-
(i)	IRIS TENAX	TOUGH-LEAVED IRIS	1 GAL.	10	-
(if)	IRIS TENUIS	CLACKAMAS IRIS	1 GAL.	9	-
(j)	JUNCUS PATENS	SPREADING RUSH	1 GAL.	11	-

PERENNIALS, GRASSES, FERNS					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	PH 1	PH 2
(l)	LILIUM COLUMBIANUM	COLUMBIA LILY	1 GAL.	10	-
(m)	MONARDELLA VILLOSA	COYOTE MINT	1 GAL.	10	-
(ps)	PENSTEMON SUBSERRATUS	FINE TOOTHED PENSTEMON	1 GAL.	6	-
(P)	PENSTEMON NEWBERRYI VAR. RUPICOLA	ROCK PENSTEMON	1 GAL.	10	-
(P)	PENSTEMON OVATUS	BROAD LEAVED PENSTEMON	1 GAL.	9	-
(pm)	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	1 GAL.	9	-
(pd)	PHLOX DIFFUSA	SPREADING PHLOX	1 GAL.	18	-
(d)	PROSARTES (DISPORUM) SMITHII	SMITH'S FAIRY BELLS	1 GAL.	5	-
(sv)	SIDALCEA VIRGATA	ROSE CHECKER-MALLOW	1 GAL.	8	-
(sc)	SIDALCEA CUSICKII	CUSICK'S CHECKERMALLOW	1 GAL.	3	-
GROUNDCOVER					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	QTY
	CAREX OBNUPTA, PHASE 2	SLOUGH SEDGE	4"	18" O.C.	655 SF
LAWN ALTERNATIVE SEED MIX - 6400 SF, PHASE 2					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	PERCENT PURE LIVE SEED		
	TRIFOLIUM FRAGIFERUM	STRAWBERRY CLOVER	33%		
	FESTUCA RUBRA SSP. RUBRA	CREEPING RED FESCUE	33%		
	FESTUCA RUBRA SSP. COMMUTATA	CHEWINGS FESCUE	33%		
SHADY GROUNDCOVER MIX - 88 SF, PHASE 1					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	QTY
	OXALIS OREGANUM	WOOD SORREL	4"	12" O.C.	45%
	TRILLIUM ALBIDUM	GIANT TRILLIUM	4"	12" O.C.	5%
	VANCOUVERIA HEXANDRA	INSIDE OUT FOWER	4"	12" O.C.	50%
EXISTING GROUNDCOVER					
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	QTY
	ARCTOSTAPHYLOS UVA URSI	KINNIKINNIK	-	-	-
	CEANOTHUS PT REYES	GROUNDCOVER CEANOTHUS	-	-	-

PLANTING NOTES

- ALL PLANTING AREAS, NEW AND ESTABLISHED, TO HAVE 2" COMPOST INCPORATED INTO PLANTING SOIL PRIOR TO PLANTING. WHERE EXISTING ROOTS EXIST, PLACE COMPOST ON TOP OF SOIL.
- MULCH: 1" DEEP COMPOST MULCH TO COVER ALL BARE SOIL AFTER PLANT INSTALLATION IS COMPLETE.
- PLANTING AREAS TO BE SUFFICIENTLY CLEANED OF ALL CONSTRUCTION MATERIALS, INCLUDING IMPORTED ROCK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE BEFORE BEGINNING ANY LANDSCAPE WORK.
- PLANT PROCUREMENT: WITHIN 30 DAYS OF AWARD OF CONTRACT, INFORM LANDSCAPE ARCHITECT OF ALL PLANT MATERIAL SOURCES AND ANY REQUESTS FOR SUBSTITUTIONS, SEE SPECS.
- PLANT APPROVAL AND PLACEMENT: THE LANDSCAPE ARCHITECT WILL APPROVE INDIVIDUAL PLANT MATERIAL AND LOCATION OF PLANT MATERIAL PRIOR TO INSTALLATION. **72 HOURS NOTICE TO BE GIVEN TO LANDSCAPE ARCHITECT BEFORE PLANT DELIVERY.**
- QUANTITIES: PLANT QUANTITIES INDICATED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANTS IN QUANTITIES AND LOCATIONS SHOWN ON DRAWINGS.
- PLANTING DETAILS: SEE L6.0



scale: 1" = 10'-0"

0 10' 20'



Clackamas Soil & Water Conservation District

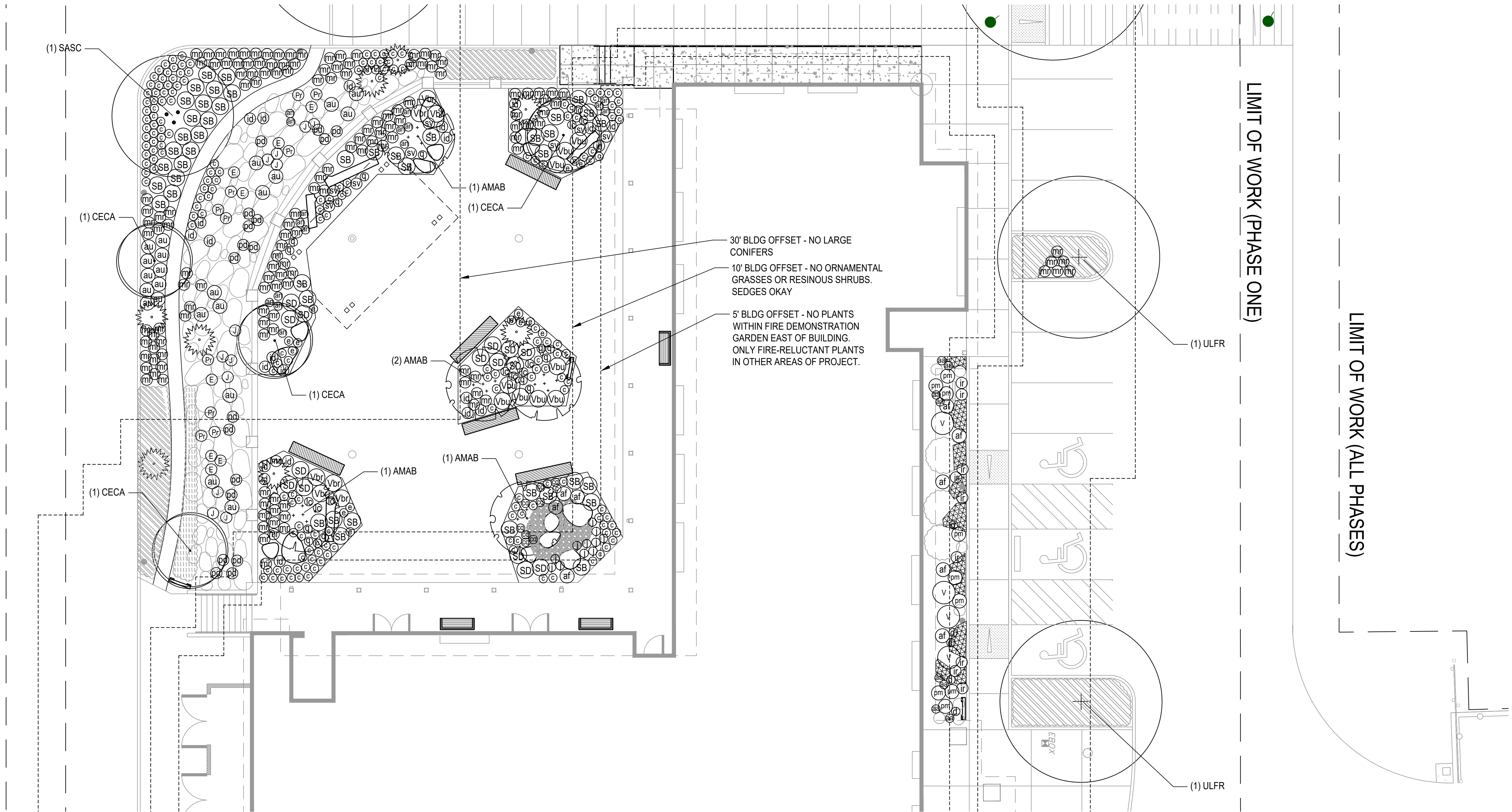
22055 S BEAVERCREEK RD.
BEAVERCREEK, OR 97004.

100% CD 7/16/24

Drawn by:
KD

PLANTING PLAN
WEST

L4.1



scale: 1" = 10'-0"
0 10' 20'

Clackamas Soil & Water
Conservation District

22055 S BEAVERCREEK RD.
BEAVERCREEK, OR 97004.

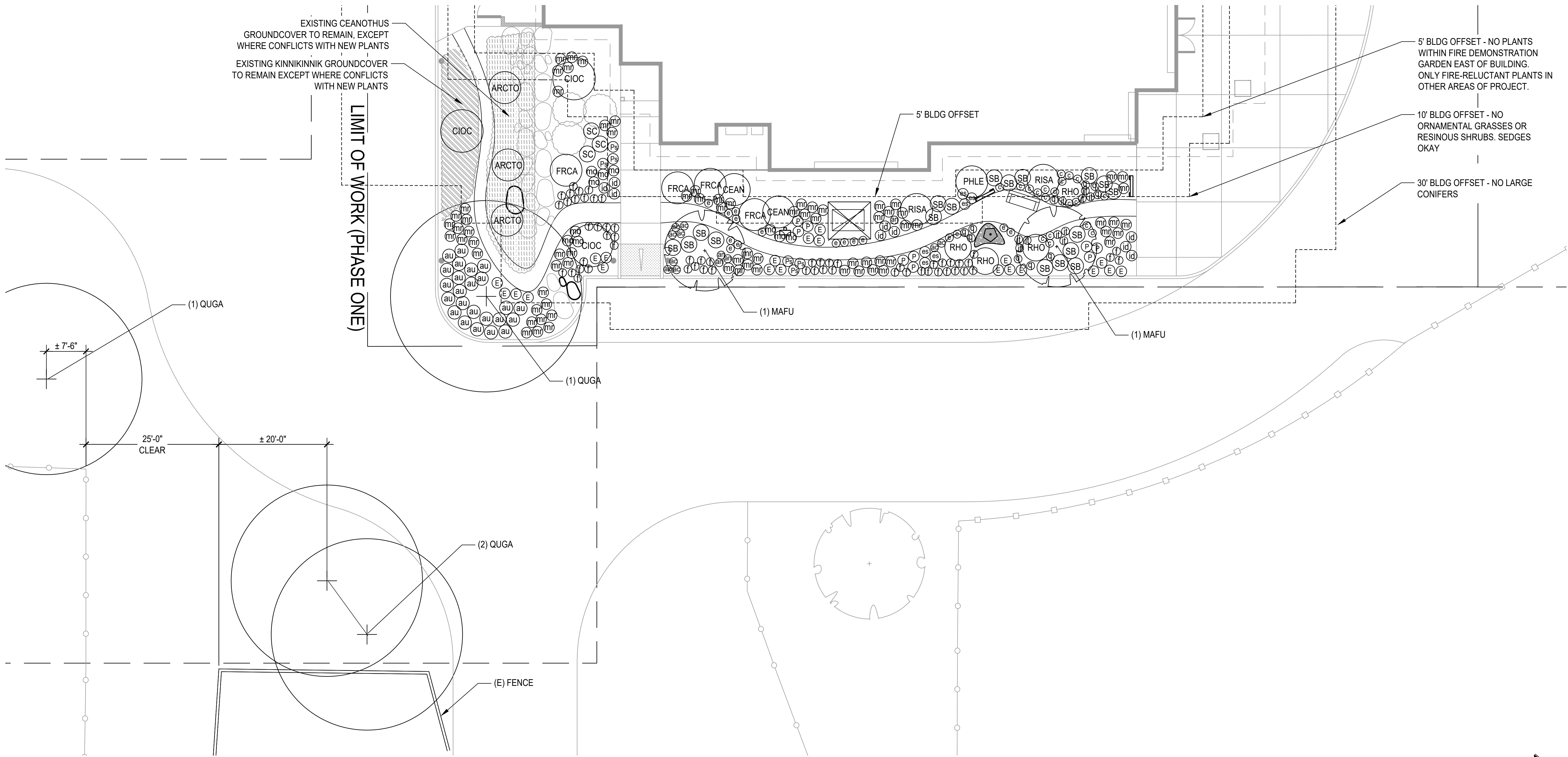
100% CD 7/16/24

Drawn by:
KD
PLANTING PLAN
PLAZA

L4.2

REGISTERED
963
Kyla Tanaka
Kyla Tanaka
OREGON
01/25/18
LANDSCAPE ARCHITECT
EXPIRES: 01/31/25

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scale: 1" = 10'-0"

0 10' 20'

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22055 S BEAVERCREEK RD.
BEAVERCREEK, OR 97004.

100% CD 7/16/24

Drawn by:
KD

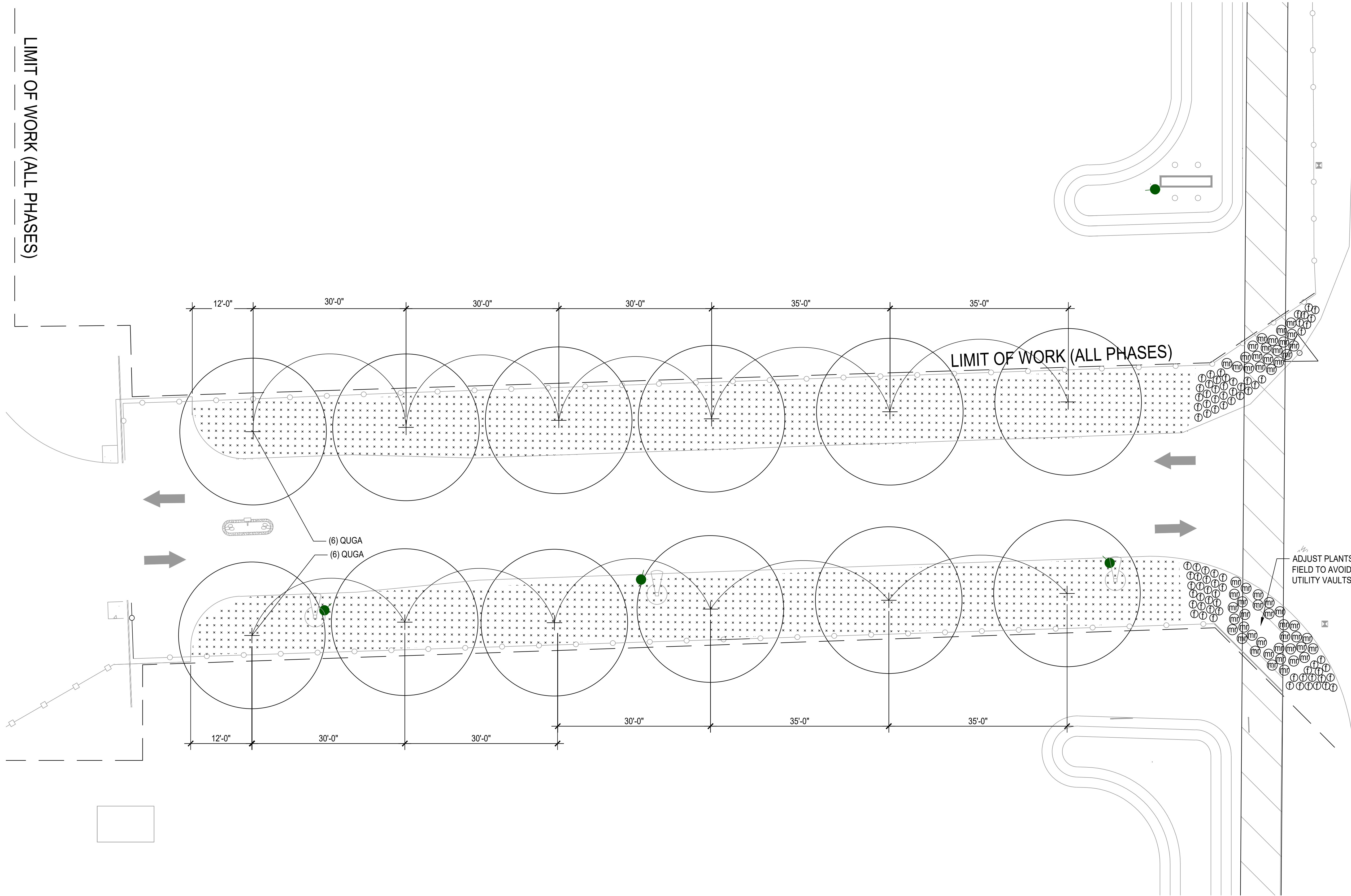
PLANTING PLAN
EAST

L4.3

REGISTERED
963
Kyla Tanaka
OREGON
01/25/18
LANDSCAPE ARCHITECT
EXPIRES: 01/31/25

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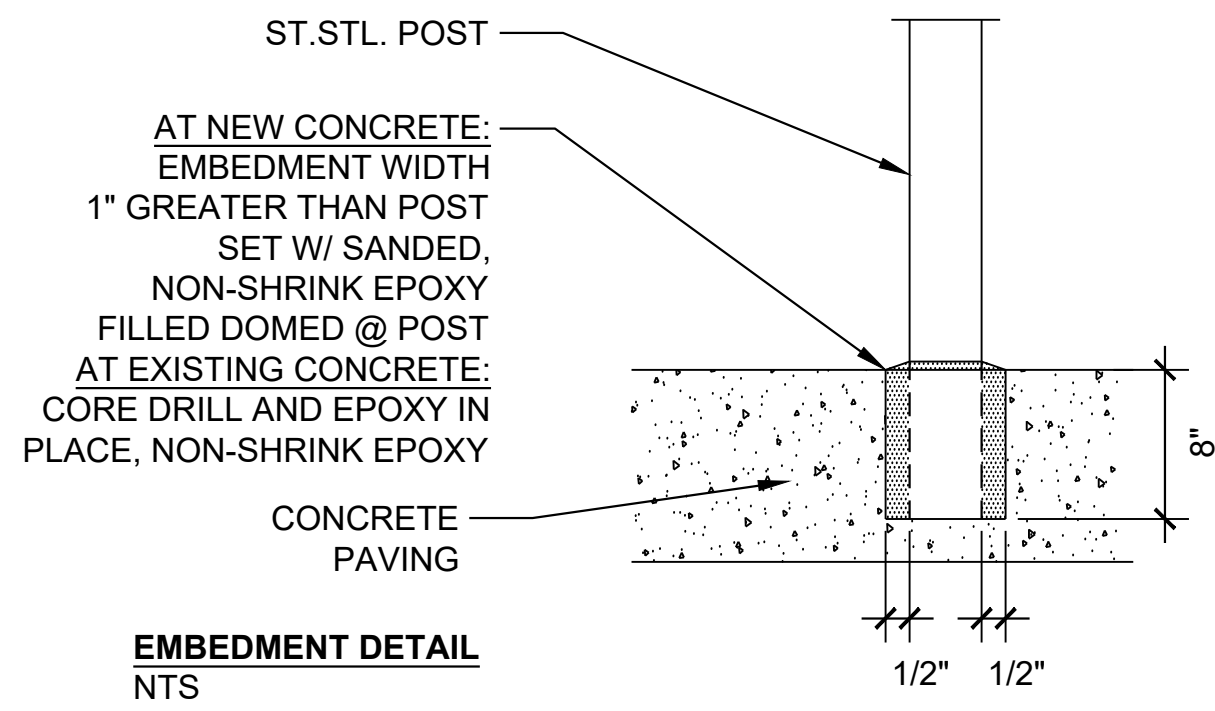
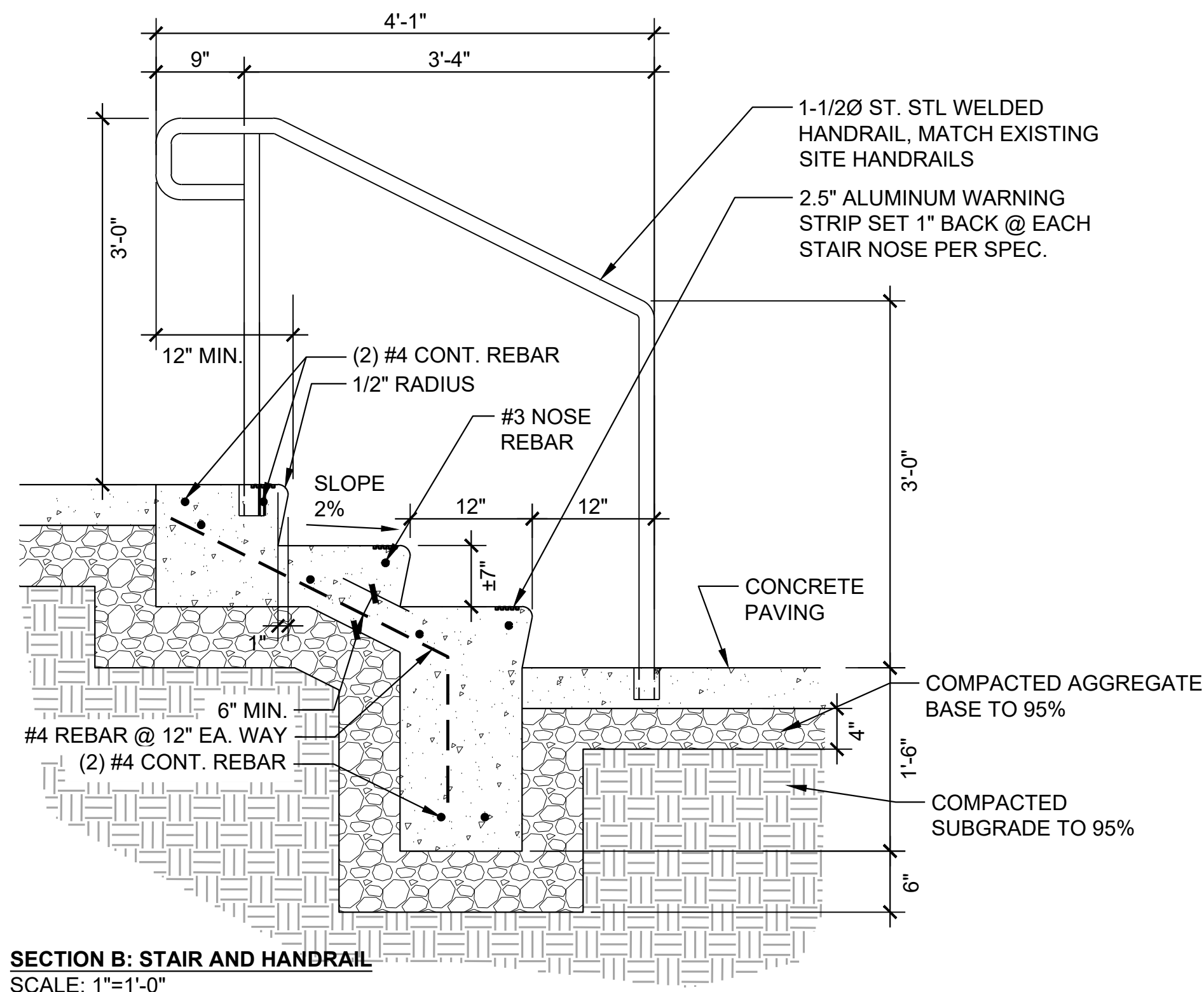
Drawn by:
KD

PLANTING PLAN
ENTRY DRIVE

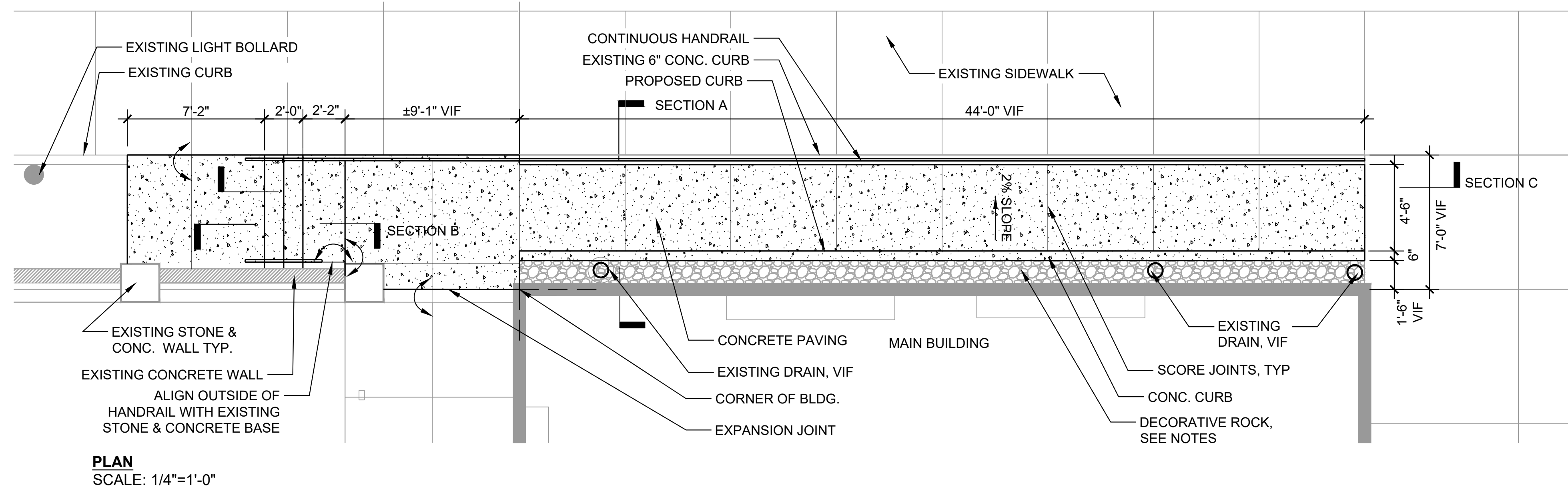
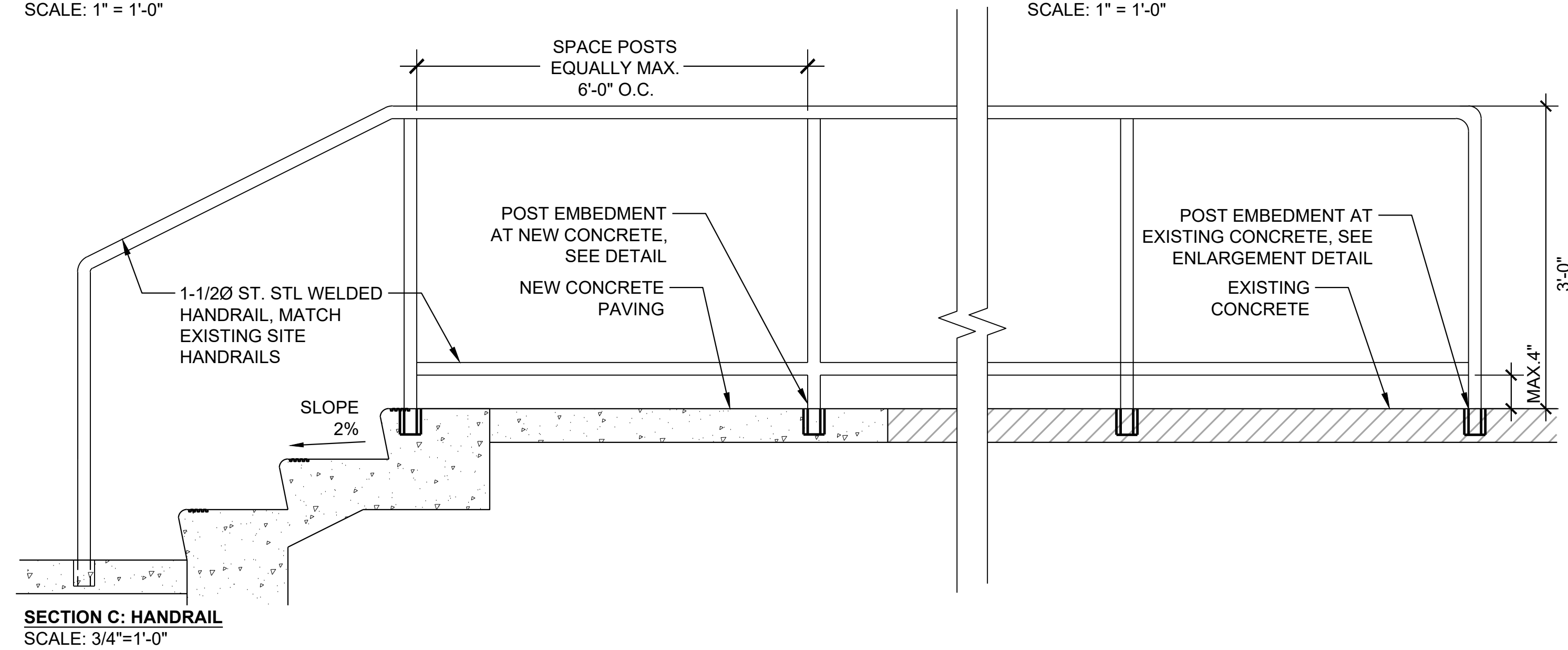
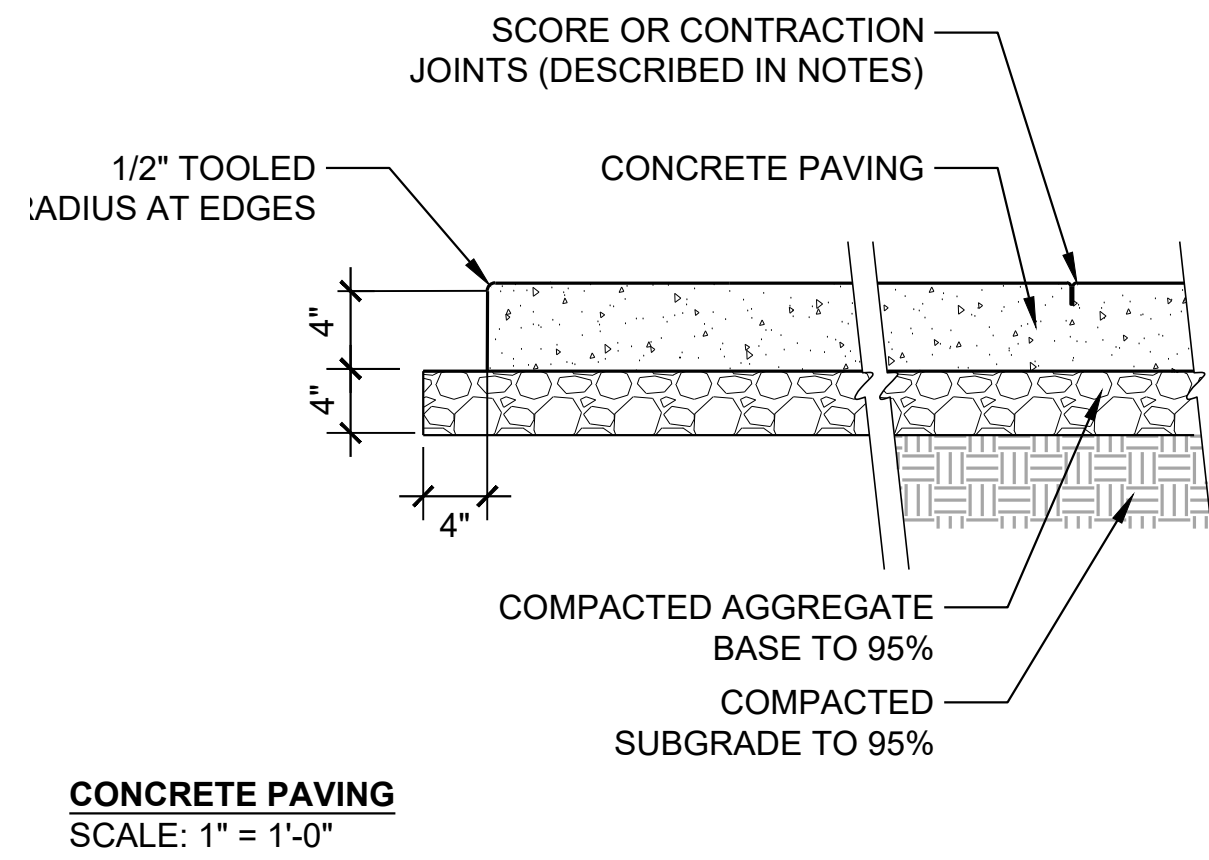
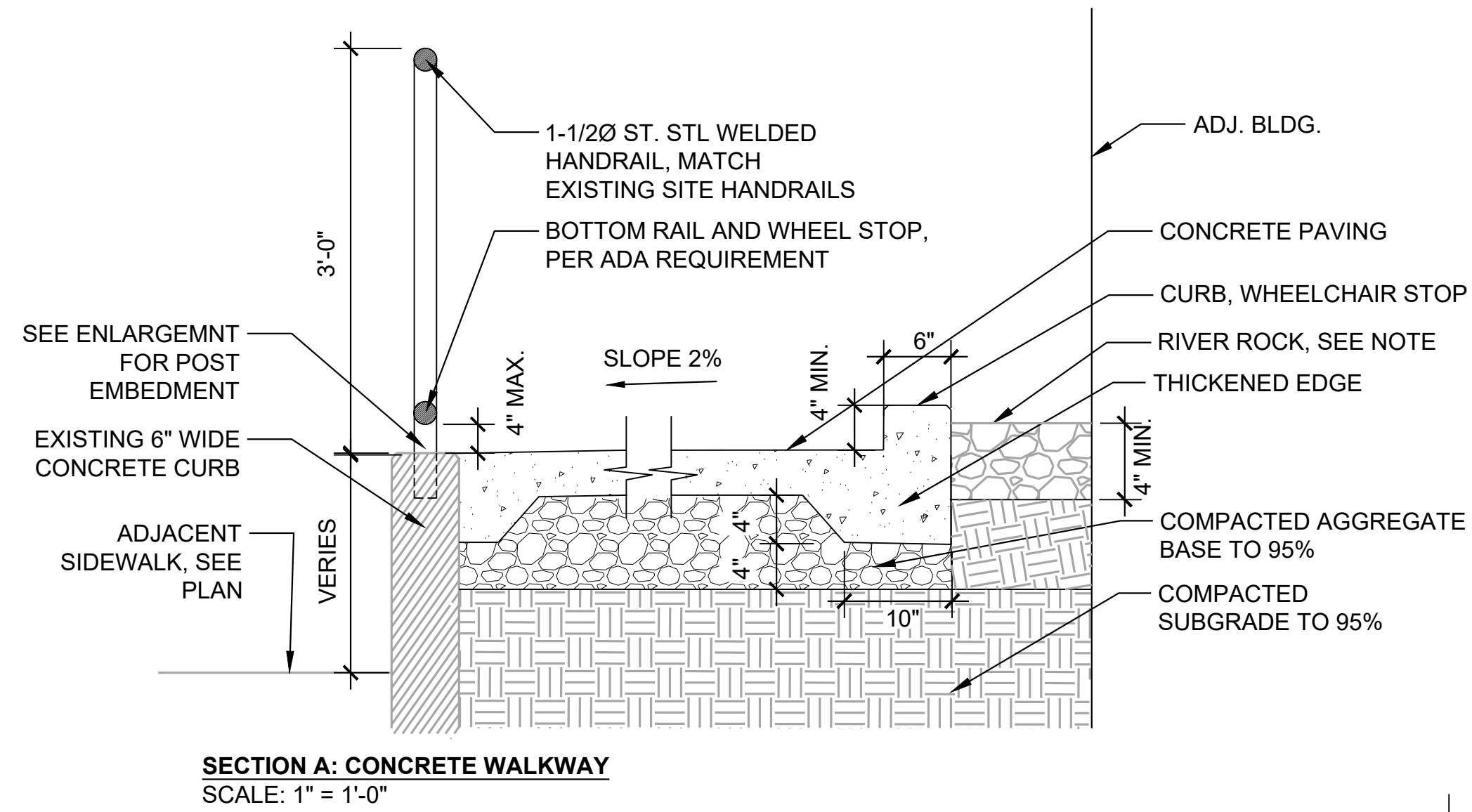
L4.4

REGISTERED
963
Kyla Tanaka
OREGON
01/25/18
LANDSCAPE ARCHITECT
EXPIRES: 01/31/25

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- SHEET NOTES:**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
 2. HANDRAILS TO MATCH EXISTING. OWNER TO SUPPLY EXISTING PRODUCT INFORMATION. SUBMIT SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT.
 3. METAL COLOR AND FINISH: ALL METAL WORK TO BE GALVANIZED AND POWDER COATED TO MATCH EXISTING COLOR OF BLDG. DOWN SPOUTS, PROVIDE COLOR MATCH FOR APPROVAL BY LANDSCAPE ARCHITECT.
 3. CONCRETE: ALL CONCRETE TO MATCH EXISTING COLOR AND FINISH (SMOOTH TROWEL @ WALLS, BROOM FINISH AT WALKING SURFACES).
 4. SCORE JOINTS: SCORING TO ALIGN WITH EXISTING SCORING
 5. EXPANSION JOINTS: PROVIDE EXPANSION JOINTS AT CONNECTION TO EXISTING CONCRETE.
 6. RIVER ROCK: OVERSIZE RIVER ROCK 2"-4" FROM PORTLAND ROCK & LANDSCAPE SUPPLY, 15180 SE 82ND DR., CLACKAMAS OR.

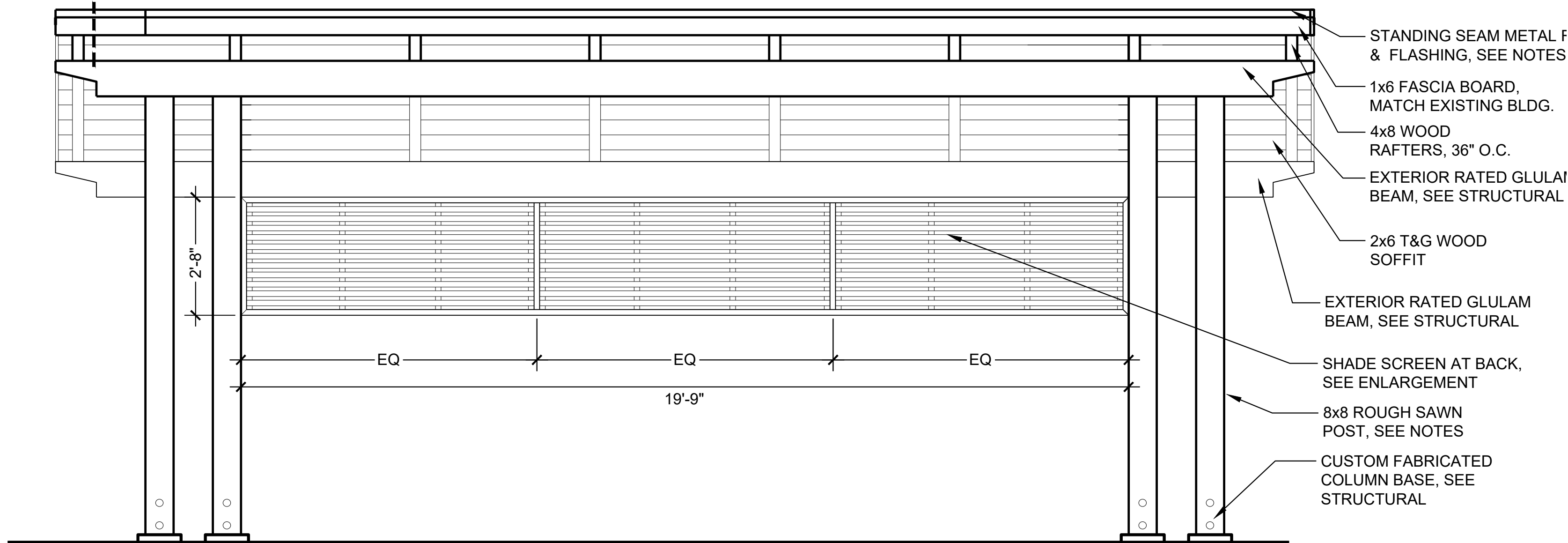
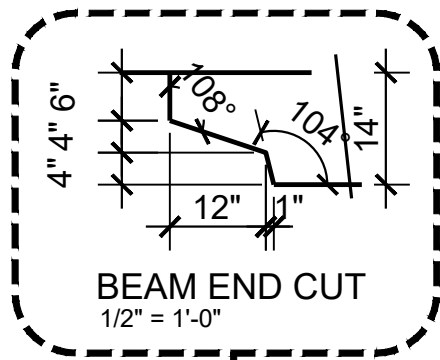


1 STAIR AND WALKWAY

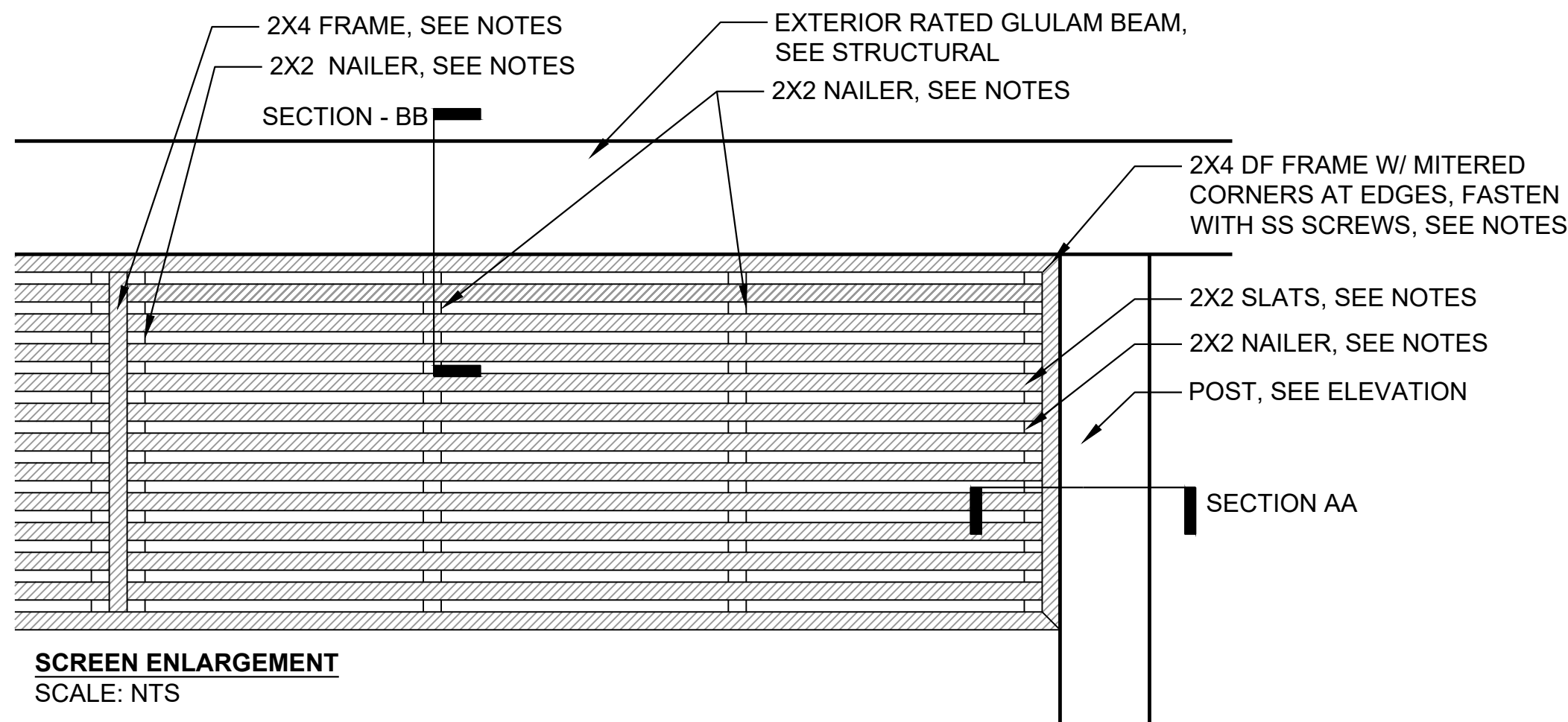
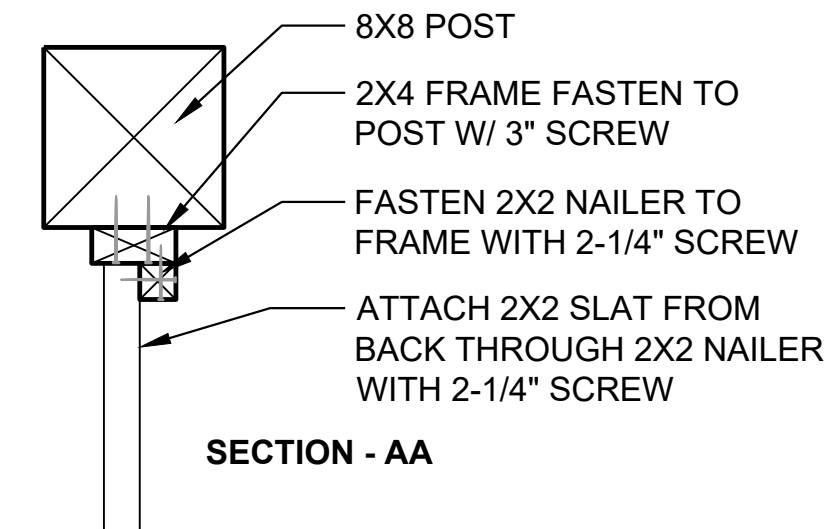
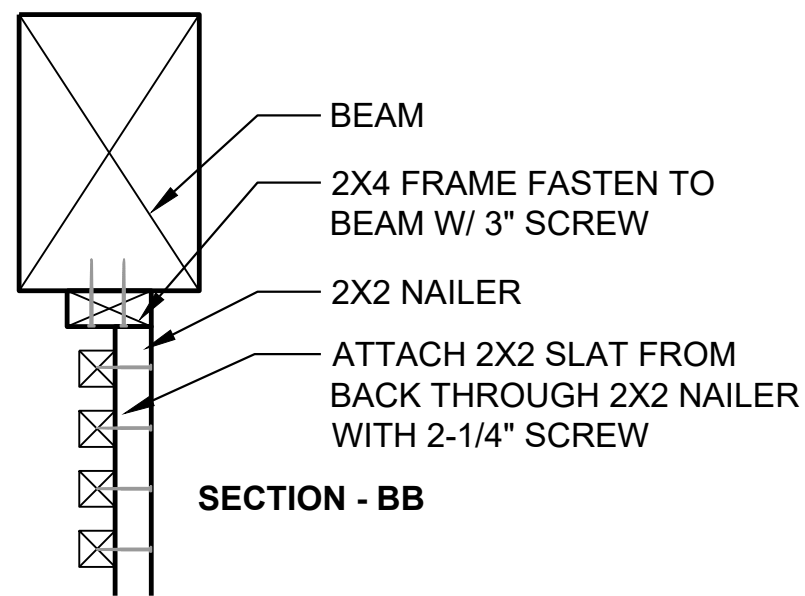
SECTION

SHEET NOTES:

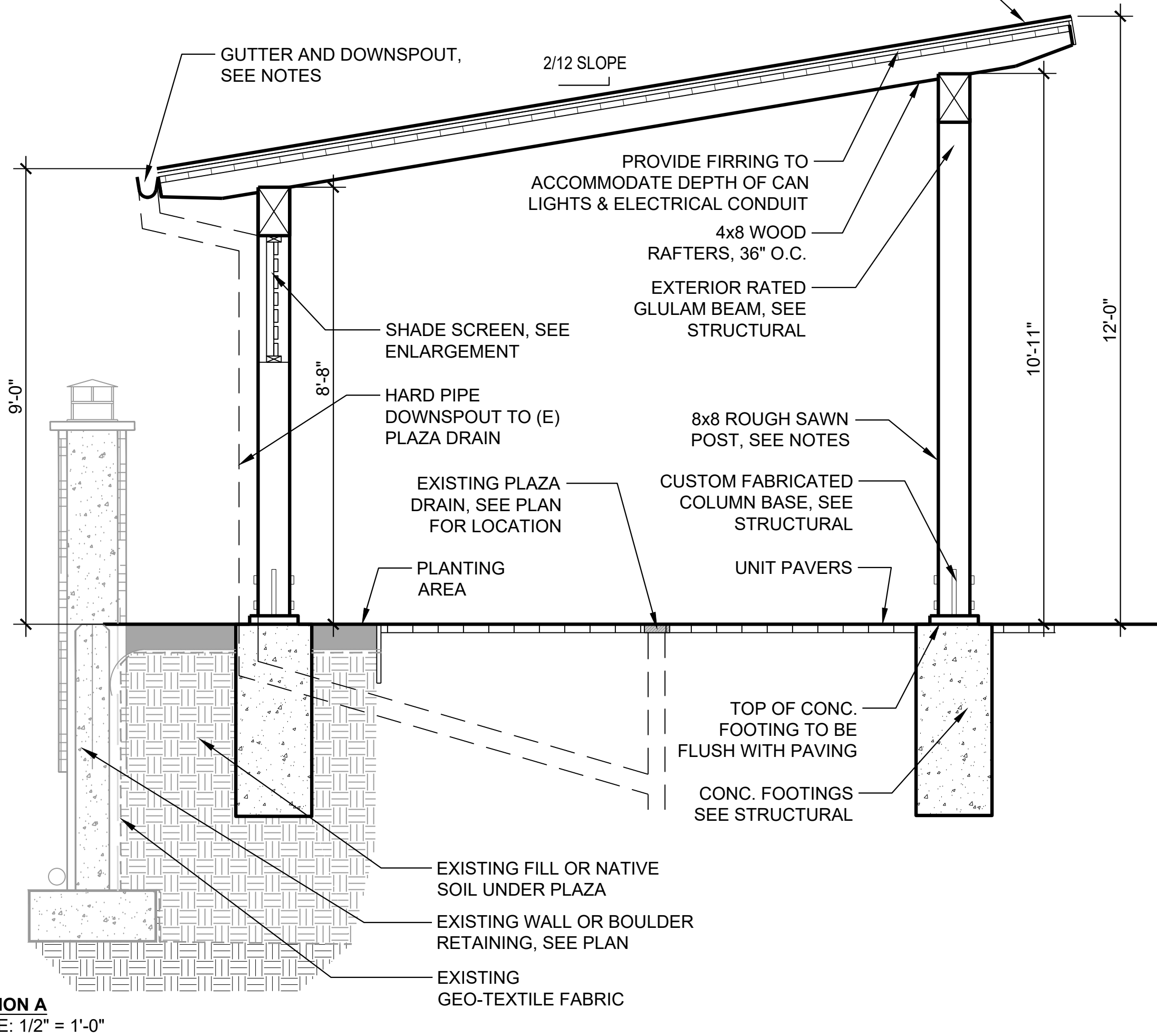
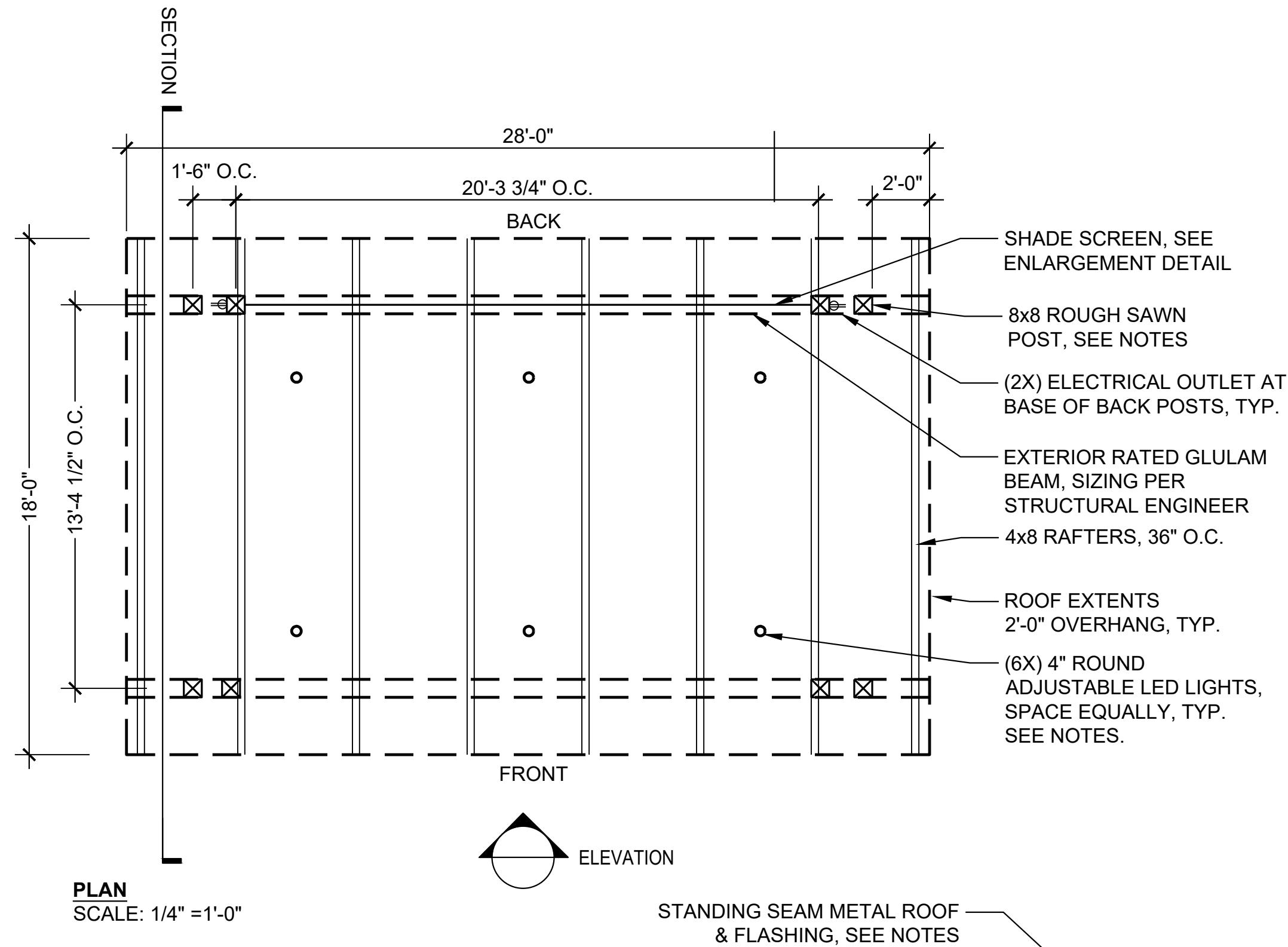
1. STANDING SEAM METAL ROOF: CONTRACTOR TO ENGAGE ROOFING SUBCONTRACTOR TO PROVIDE METAL ROOF, GUTTER AND DOWNSPOUT AT CANOPY STRUCTURE.
2. METAL ROOF PRODUCT: MANUFACTURER TAYLOR METAL, PRODUCT 'VERSA-SPAN', SIZE 16" WIDE WITH ACCENT SEAMS, .040" KYNAR 500@ PAINTED ALUMINUM.
3. METAL COLOR: SELECT STANDARD COLOR TO BEST MATCH EXISTING SITE GUARDRAILS & DOWNSPOUTS. LANDSCAPE ARCHITECT TO APPROVE COLOR PRIOR TO INSTALLATION.
4. FASTENERS: TO BE EXTERIOR RATED STAINLESS STEEL AND COUNTER SUNK.
5. WOOD: ALL WOOD TO BE KILN DRIED DOUG FIR FREE OF KNOTS, PLUMB AND SQUARE. POSTS TO BE ROUGH SAWN TO MATCH EXISTING EXTERIOR WOOD POSTS.
6. APPLY STAIN AND/OR OIL TO EXPOSED WOOD ELEMENTS TO MATCH EXISTING EXTERIOR POSTS, OWNER'S REP TO PROVIDE PRODUCT INFORMATION FOR TREATMENT OF EXISTING WOOD WORK. PRIOR TO APPLICATION OF WOOD TREATMENT PROVIDE A MOCK-UP TO LANDSCAPE ARCHITECT TO FOR APPROVAL.
7. ELECTRICAL: CONTRACTOR TO ENGAGE CERTIFIED ELECTRICIAN TO PROVIDE LAYOUT AND INSTALL OF CANOPY LIGHTING, SWITCH LOCATION, AND OUTLETS. PROVIDE SCHEMATIC DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT.
8. LED CAN LIGHTS: PROVIDE ADJUSTABLE EXTERIOR RATED CAN LIGHTS BY 'WAC' Lighting Oculux 3.5" LED Round Adjustable Trim TRIM COLOR TO BE BLACK, LIGHT TEMP. WARM 2700 K, OR APPROVED EQUAL.

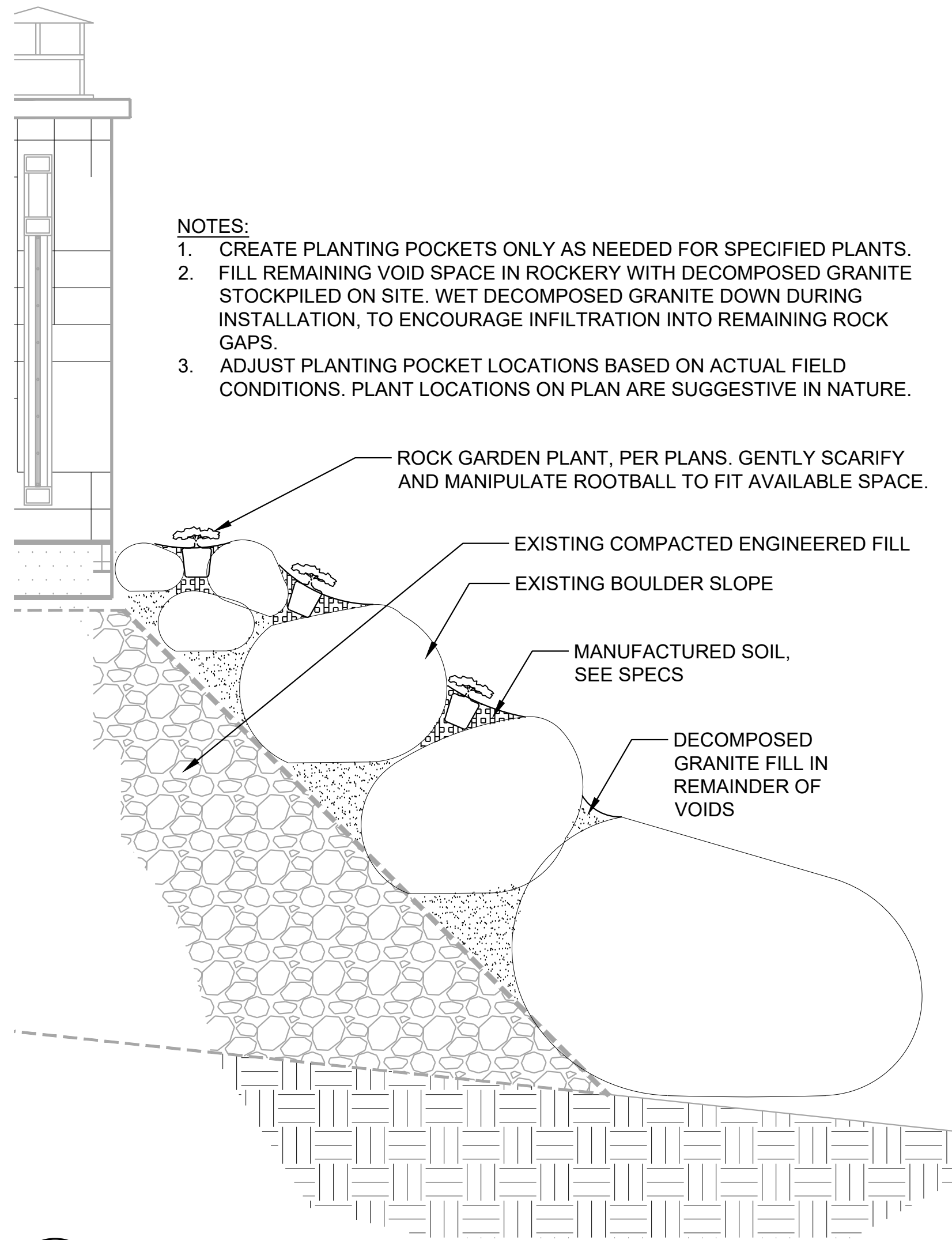


SCREEN IMAGE:
DESIGN INTENT



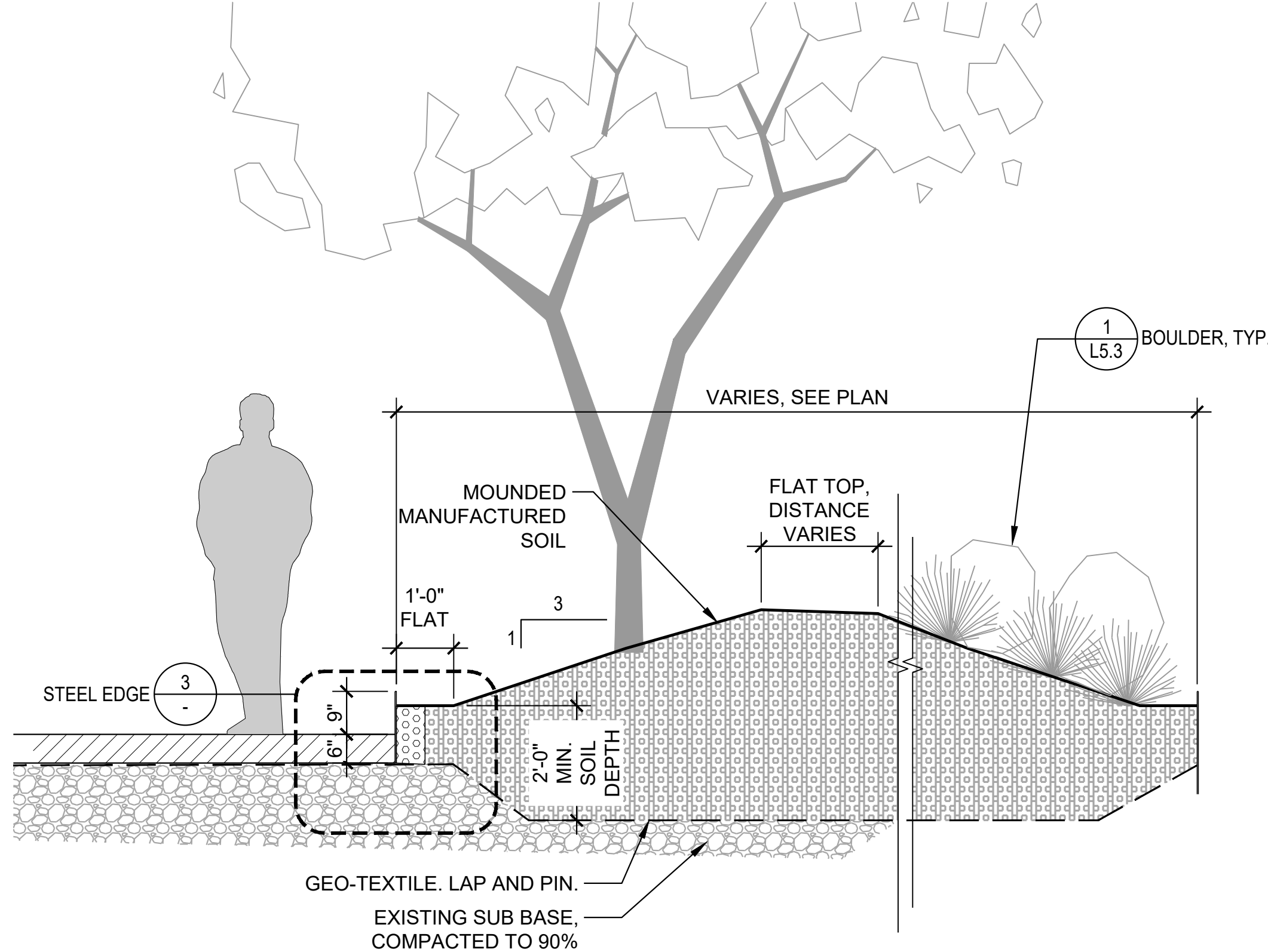
1 CANOPY STRUCTURE



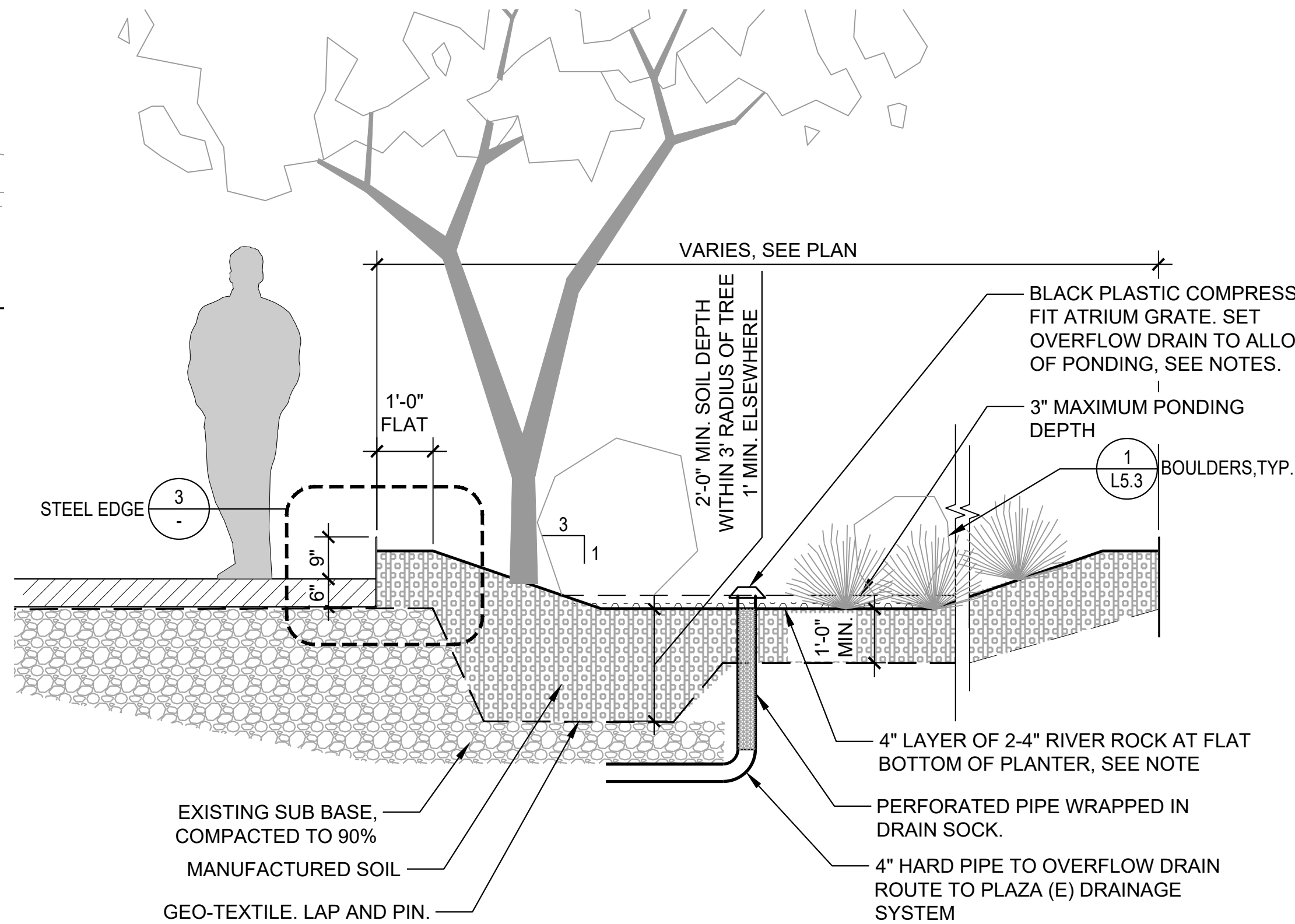


5 ROCK GARDEN
SCALE: 1" = 1'-0"
SECTION

- NOTES:
1. CREATE PLANTING POCKETS ONLY AS NEEDED FOR SPECIFIED PLANTS.
 2. FILL REMAINING VOID SPACE IN ROCKERY WITH DECOMPOSED GRANITE STOCKPILED ON SITE. WET DECOMPOSED GRANITE DOWN DURING INSTALLATION, TO ENCOURAGE INFILTRATION INTO REMAINING ROCK GAPS.
 3. ADJUST PLANTING POCKET LOCATIONS BASED ON ACTUAL FIELD CONDITIONS. PLANT LOCATIONS ON PLAN ARE SUGGESTIVE IN NATURE.



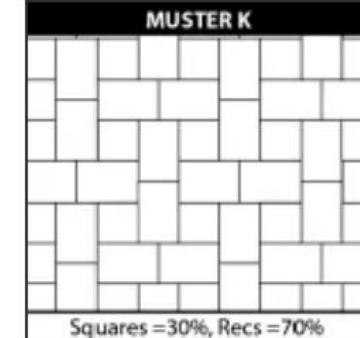
MOUNDED GARDEN CONDITION



RAIN GARDEN CONDITION

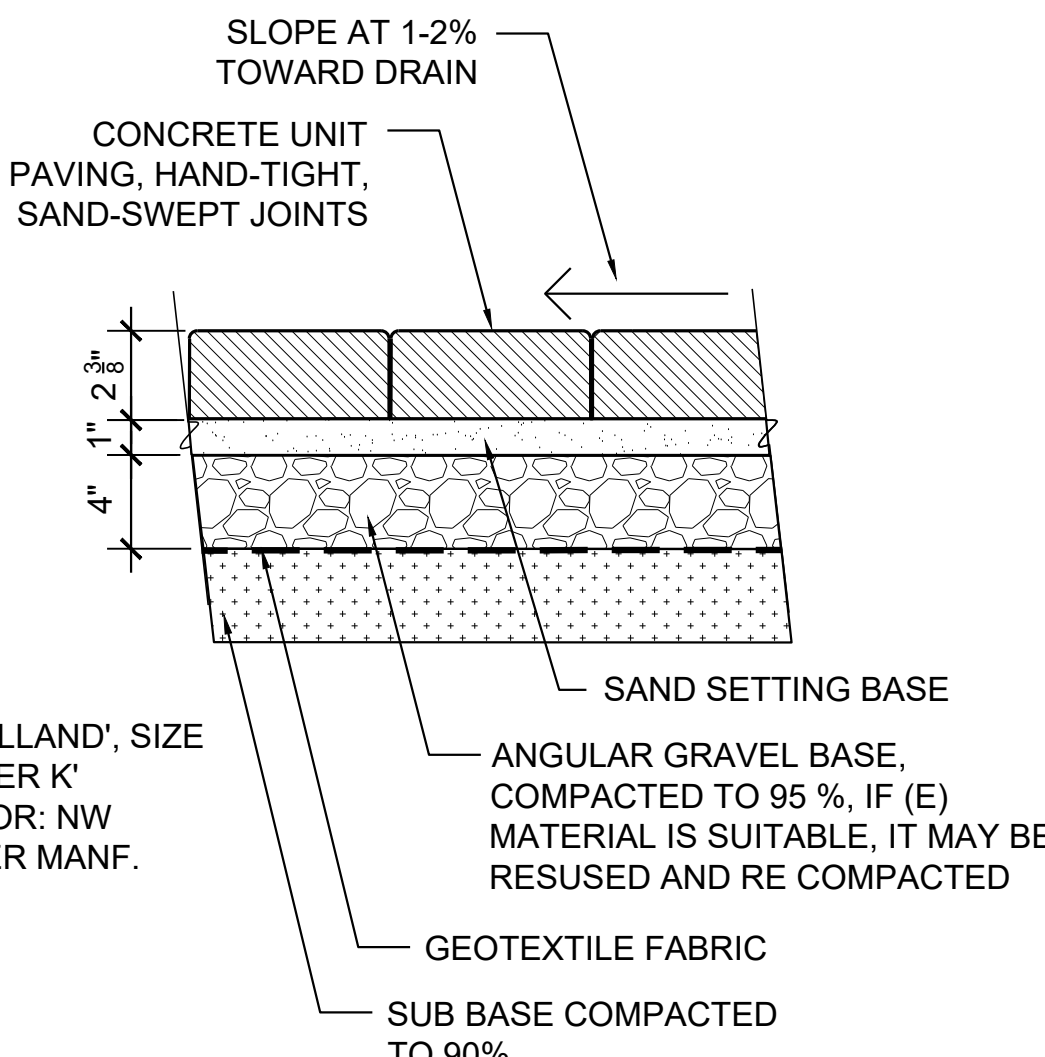
4 PLAZA PLANTERS
SCALE: 1/2" = 1'-0"
SECTION

- NOTES:
1. RIVER ROCK TO BE 'OVERSIZE RIVER ROCK' 2"-4" BY PORTLAND ROCK & LANDSCAPE SUPPLY, 15180 SE 82ND DR., PORTLAND, OR.
 3. ALL EXPOSED PIPE TO BE PAINTED BLACK TO MATCH ATRIUM GRATE

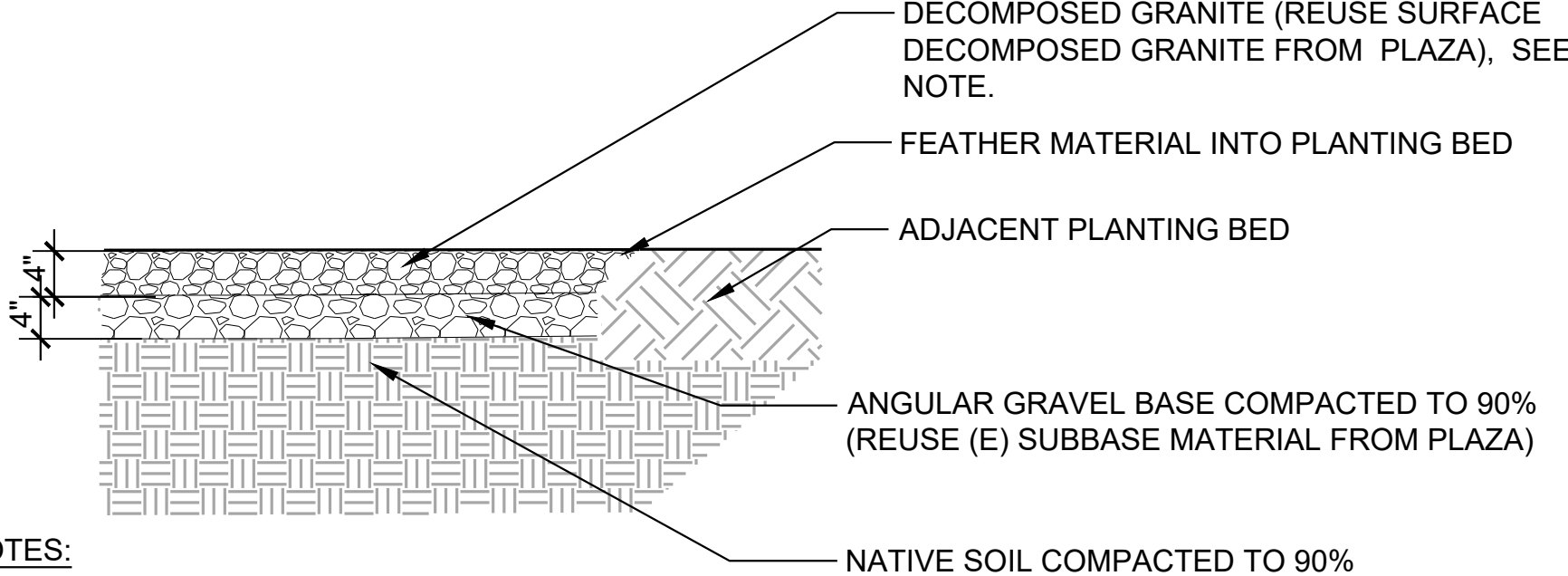


Muster K

- NOTES:
1. CONCRETE UNIT PAVER 'HOLLAND', SIZE DOUBLE AND TRIPLE IN 'MUSTER K' INSTALLATION PATTERN, COLOR: NW BLEND, SAND SET, INSTALL PER MANF. AVAIL @ MUTUAL MATERIALS



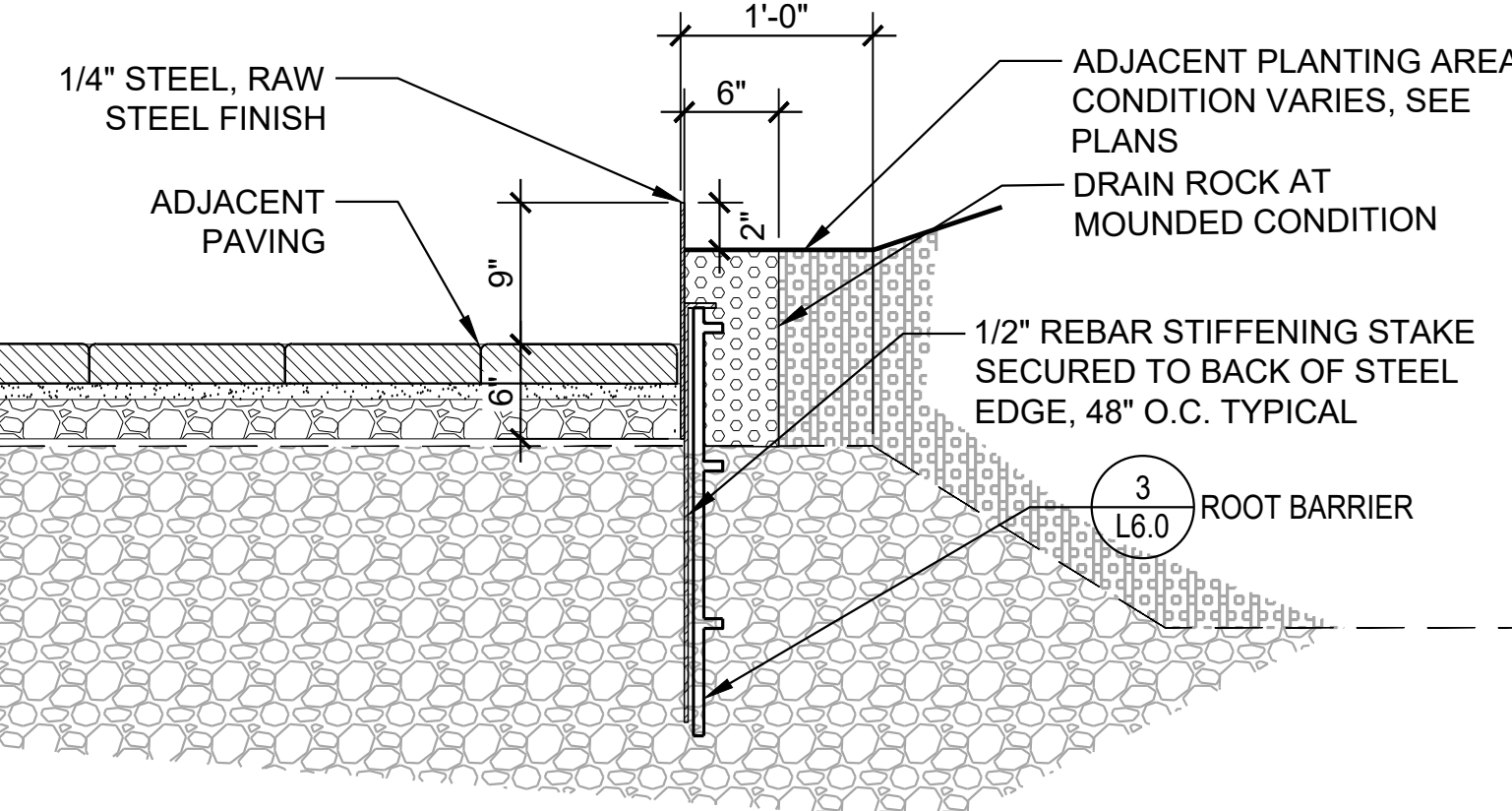
1 CONCRETE UNIT PAVER
SCALE: NTS
SECTION



- NOTES:
1. ORGANIC MATERIAL TO BE REMOVED PRIOR TO INSTALLATION OF PATHWAY.
 2. MATERIAL PROVIDED BY OWNER FROM ONSITE STOCK PILE, LAID IN (2) COMPACTED 2" LIFTS

2 GRAVEL PATHWAY
SCALE: NTS
SECTION

- STEEL FABRICATION NOTES:
1. WELD ALL EDGES, GRIND SMOOTH
 2. PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION



3 STEEL EDGE
SCALE: NTS
SECTION



NOTES:
16" -18" DIA. BASALT SHALLOW BOWL WITH LOW POINT, CORE DRILLED FOR IRRIGATION BUBBLER TO SUPPLY WATER. SEAL BUBBLER WITH SILICON TO ALLOW PONDING. SET ON 4" DEEP GRAVEL BED. SURROUND WITH A 12" DECORATIVE RIVER ROCK TO BE 'OVERSIZE RIVER ROCK' 2"-4" FROM PORTLAND ROCK & LANDSCAPE SUPPLY. **FEATURE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.** LANDSCAPE ARCHITECT TO SELECT FROM BASALT BASIN FROM PORTLAND ROCK & LANDSCAPE SUPPLY, 15180 SE 82ND DR., PORTLAND, OR.

5 WATER FEATURE
SCALE: 1/2" = 1'-0"

SECTION



NOTES:
1. JUNIPER TIMBER BLOCK SEATS TO BE (3) 12" X 12" X 18" LONG, AVAIL. FROM SUSTAINABLE NORTHWEST WOODS IN PORTLAND, (503) 221 6911. **FEATURE TO BE PROVIDED AND INSTALLED BY OWNER.**

6 BENCH AT LANDSCAPE AREA
SCALE: NTS

SECTION



ADA ACCESIBLE FREESTANDING BENCH: 'MANOR' BENCH W/ ARMRESTS BY COLUMBIA CASCADE, **FEATURE TO BE PROVIDED AND INSTALLED BY OWNER.**



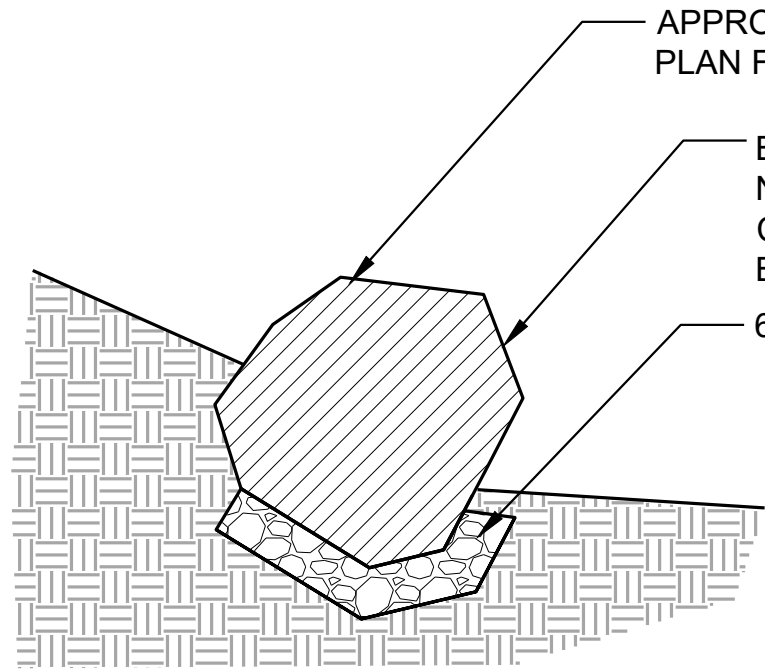
FREESTANDING TABLE AND CHAIRS: 'MANOR' SQUARE TABLE WITH FOUR LEGS AND CHAIRS BY COLUMBIA CASCADE, **FEATURE TO BE PROVIDED AND INSTALLED BY OWNER.**



ADA ACCESSIBLE PICNIC TABLE: '2075-6' ACCESSIBLE PICNIC TABLE WITH WOOD SLATS BY COLUMBIA CASCADE, **FEATURE TO BE PROVIDED AND INSTALLED BY OWNER.**

7 MOVEABLE SEATING AT PLAZA
SCALE: NTS

SECTION

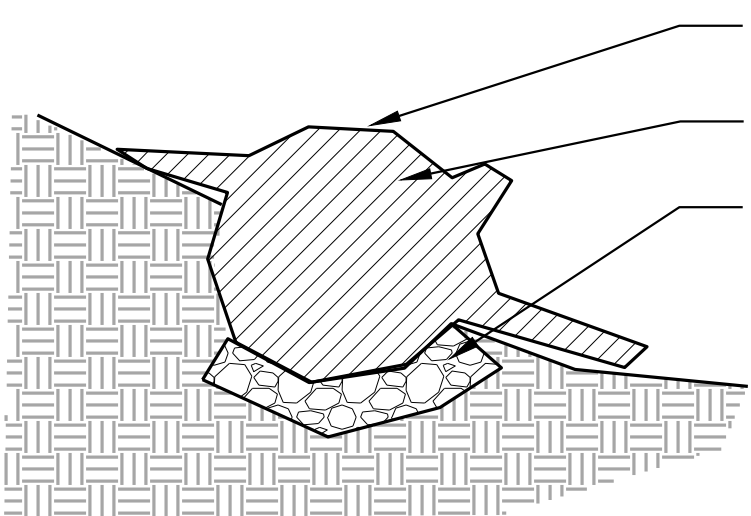


APPROX. 12" - 2' ACROSS, SEE PLAN FOR SIZE AND LOCATIONS
BURY 1/3 OF BOULDER AS NEEDED TO STABILIZE WITH COMPACTED SOIL AROUND BOULDER
6" OF DRAIN ROCK

NOTES:
1. BOULDERS TO BE SOURCED ONSITE, OWNER TO ADVISE ON SALVAGE LOCATION, **FEATURE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.**
2. WHEN PLACING LOGS OR BOULDERS NEAR OTHER LOGS OR BOULDERS, THERE SHALL BE GAPS FROM 4" TO 9" FOR SAFETY.

1 LANDSCAPE BOULDERS
SCALE: NTS

SECTION



APPROX. 6' - 10' LONG, SEE PLAN FOR LENGTH AND LOCATIONS
BURY ENOUGH OF LOG TO STABILIZE
6" OF DRAIN ROCK

NOTES:
1. LOGS TO BE SOURCED ONSITE FROM SALVAGED NORWAY MAPLE TRUNKS REMOVED ALONG ENTRY DRIVE. LOGS TO BE TRIMMED OF BRANCHES AND ROOTS SUFFICIENTLY TO MINIMIZE INJURY RISK. **FEATURE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.**
2. WHEN PLACING LOGS OR BOULDERS NEAR OTHER LOGS OR BOULDERS, THERE SHALL BE GAPS FROM 4" TO 9" FOR SAFETY.

2 LANDSCAPE/HABITAT LOG
SCALE: NTS

SECTION



NOTES:
1. CONSTRUCTED SNAG LOG TO BE SOURCED FROM NORWAY MAPLE TREES REMOVED AT ENTRY DRIVE. BURY 1/3 OF LOG IN GRAVEL SETTING BED FOR STABILITY. **FEATURE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.**

3 CONSTRUCTED LANDSCAPE SNAG
SCALE: NTS

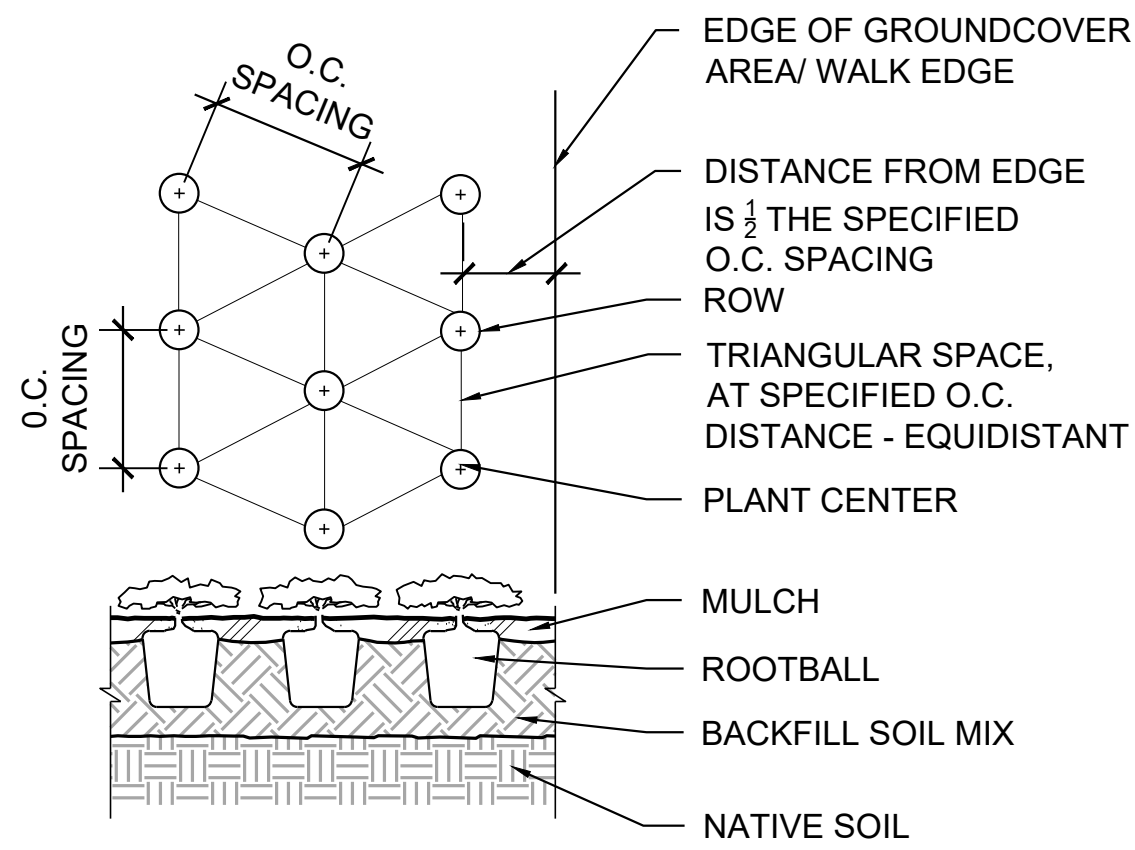
SECTION

NOTES:
1. TIMBERFORM 'COLOSSUS' BENCH IN TREATED DOUGLAS FIR, LENGTH TO BE 10', NO BACK, AVAIL. FROM COLUMBIA CASCADE, VANCOUVER, WA. **FEATURE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.**



4 FIXED BENCH AT PLAZA
SCALE: NTS

SECTION

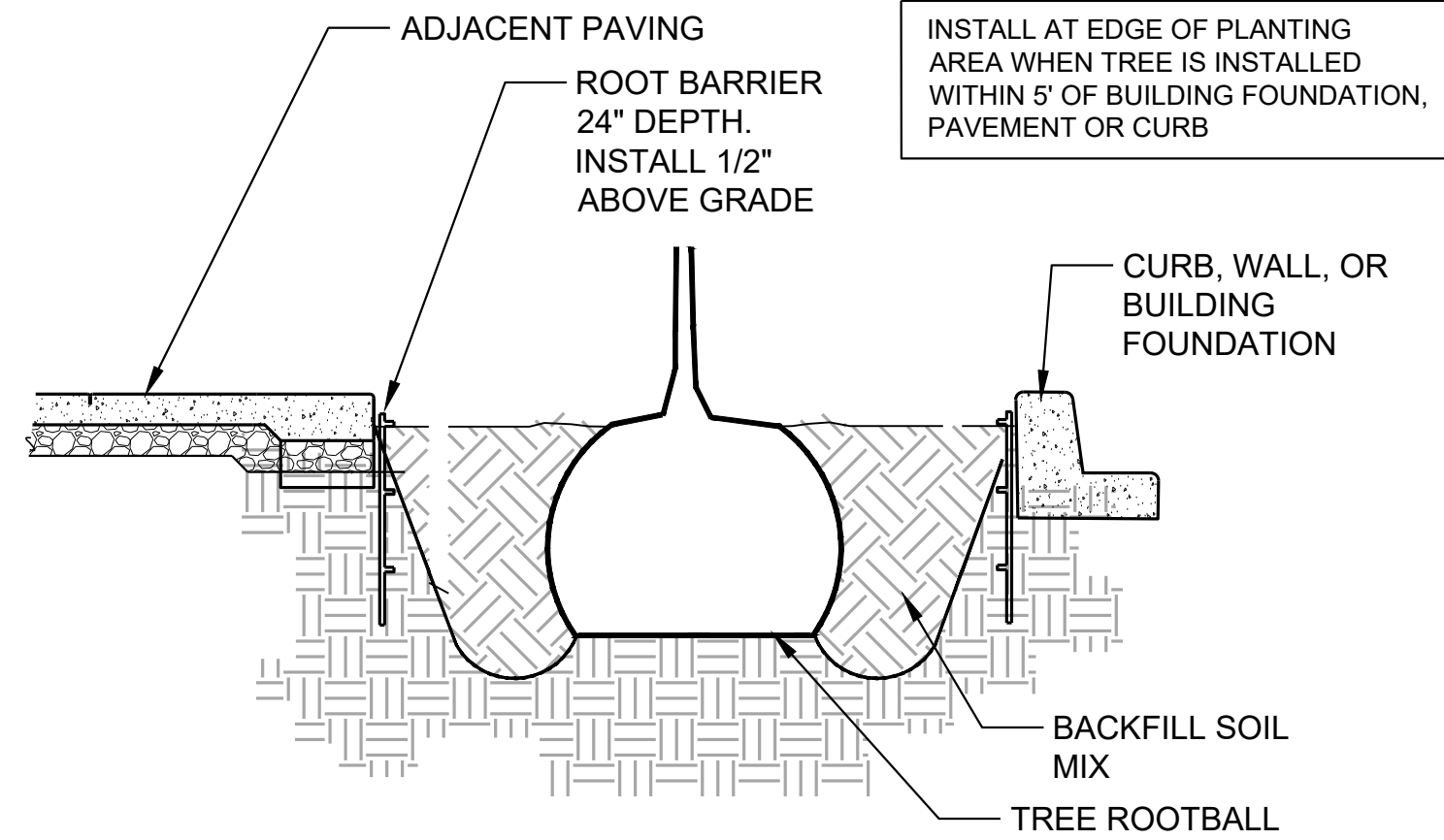


- NOTES:
1. HOLD MULCH APPROX. 2" OFF PLANT TRUNK OR STEM.
 2. FERTILIZE ACCORDING TO SPECIFICATIONS
 3. SEE PLANT LEGEND FOR EACH PLANT'S APPROPRIATE O.C. SPACING

3 ROOT BARRIER

SCALE: NTS

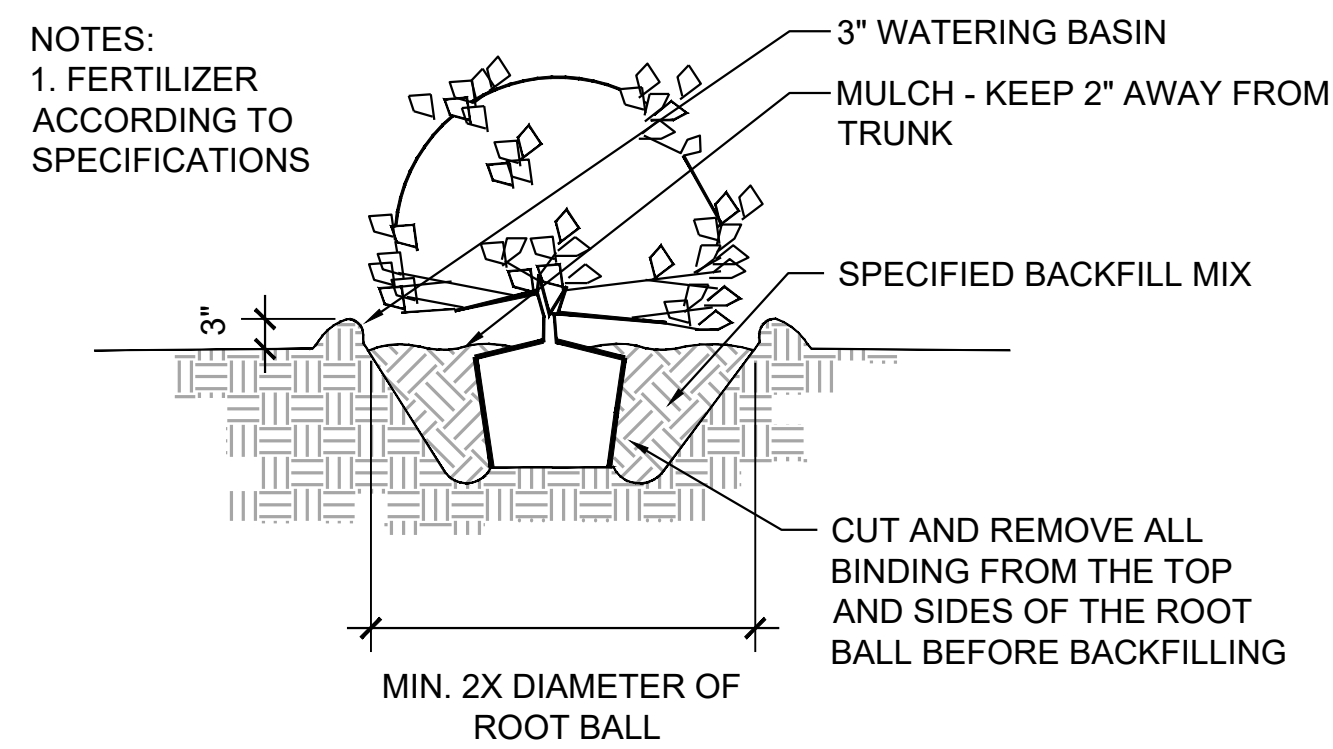
SECTION



4 SHRUB PLANTING

SCALE: NTS

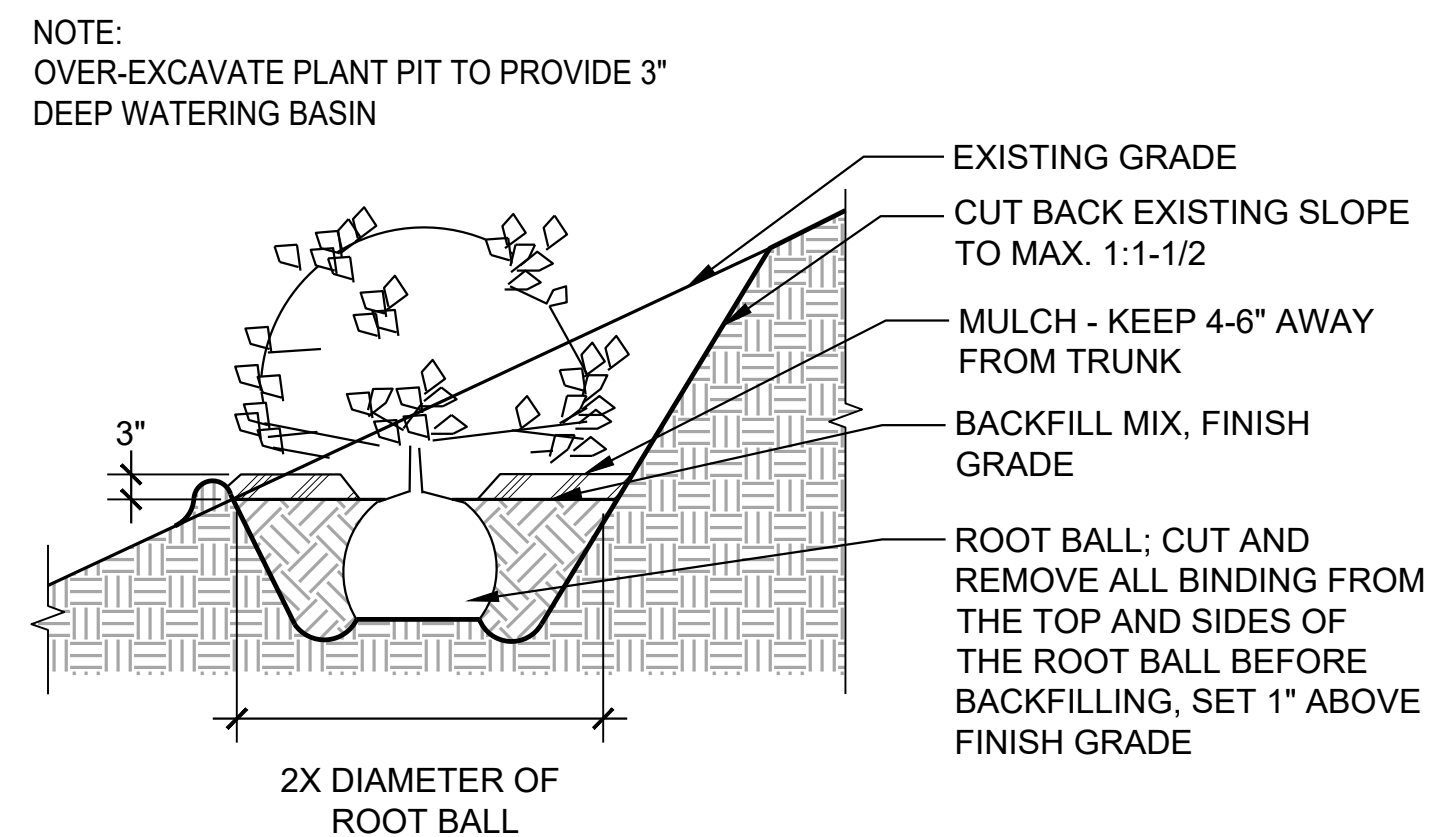
SECTION



5 PLANTING ON SLOPE

SCALE: NTS

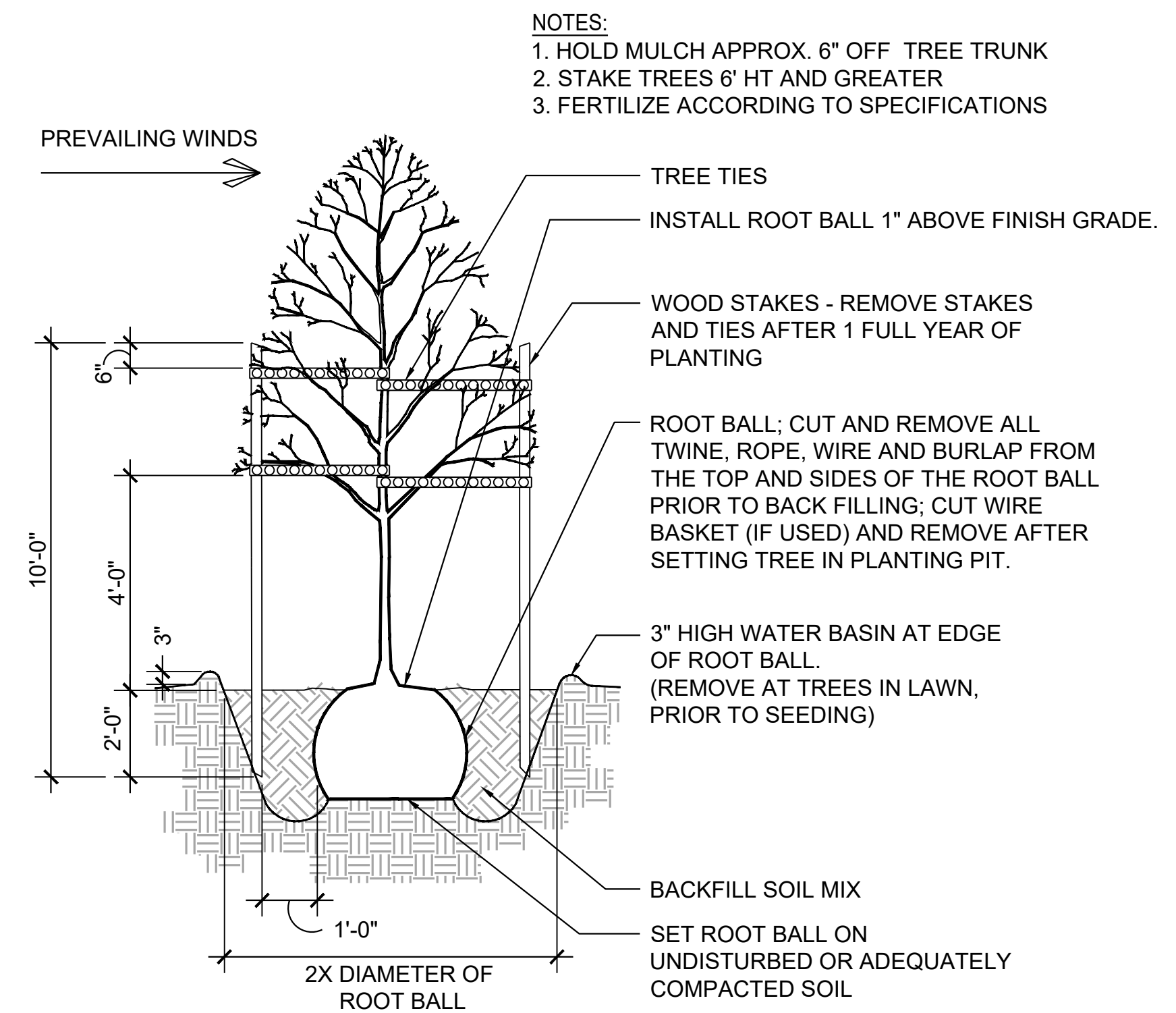
SECTION



1 DECIDUOUS TREE PLANTING

SCALE: NTS

SECTION



2 CONIFEROUS TREE PLANTING

SCALE: NTS

SECTION

