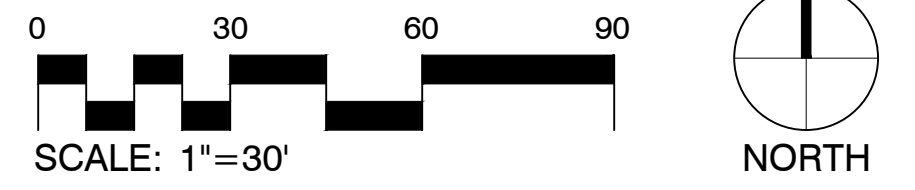


LEGEND - LAYOUT AND DIMENSIONS PLAN A - SOUTH

SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	6,226 SF	
	PAVING TYPE 02 - PERMEABLE CONCRETE UNIT PAVERS	369 SF	3/L500
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	456 SF	

SEE L101 / LAYOUT AND DIMENSIONS PLAN B - NORTH



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J. WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

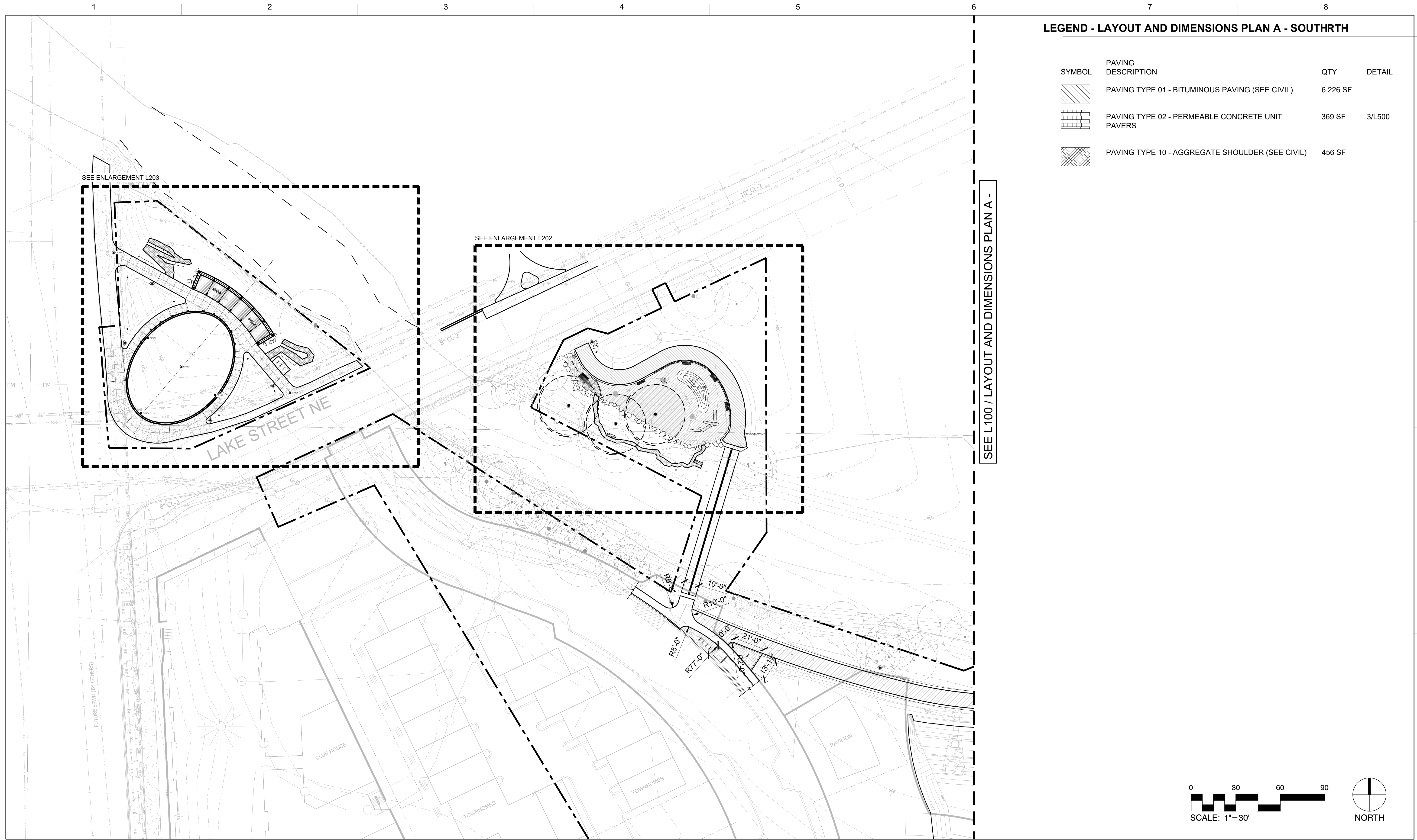
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LAYOUT AND DIMENSIONS PLAN A - SOUTH

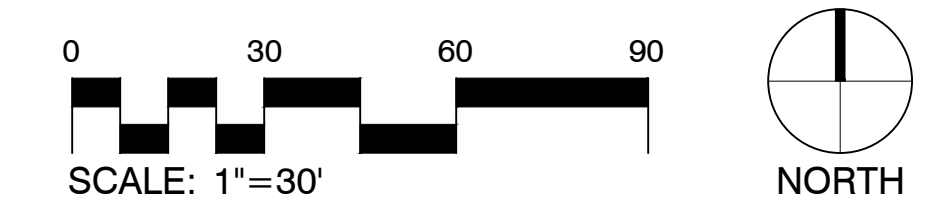


SHEET
L100

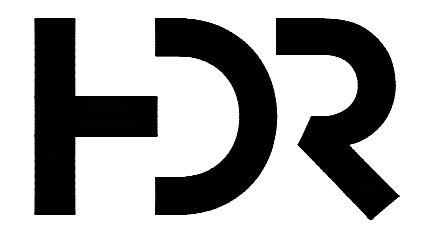


LEGEND - LAYOUT AND DIMENSIONS PLAN A - SOUTHRTH

SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	6,226 SF	
	PAVING TYPE 02 - PERMEABLE CONCRETE UNIT PAVERS	369 SF	3/L500
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	456 SF	



**MINNEHAHA CREEK
WATERSHED DISTRICT**



**DF/ DAMON FARBER
LANDSCAPE ARCHITECTS**
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p. 612.332.7522

ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER ANDREW F. JUDD	
PROJECT NUMBER	10268112

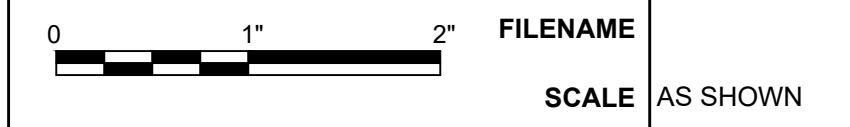
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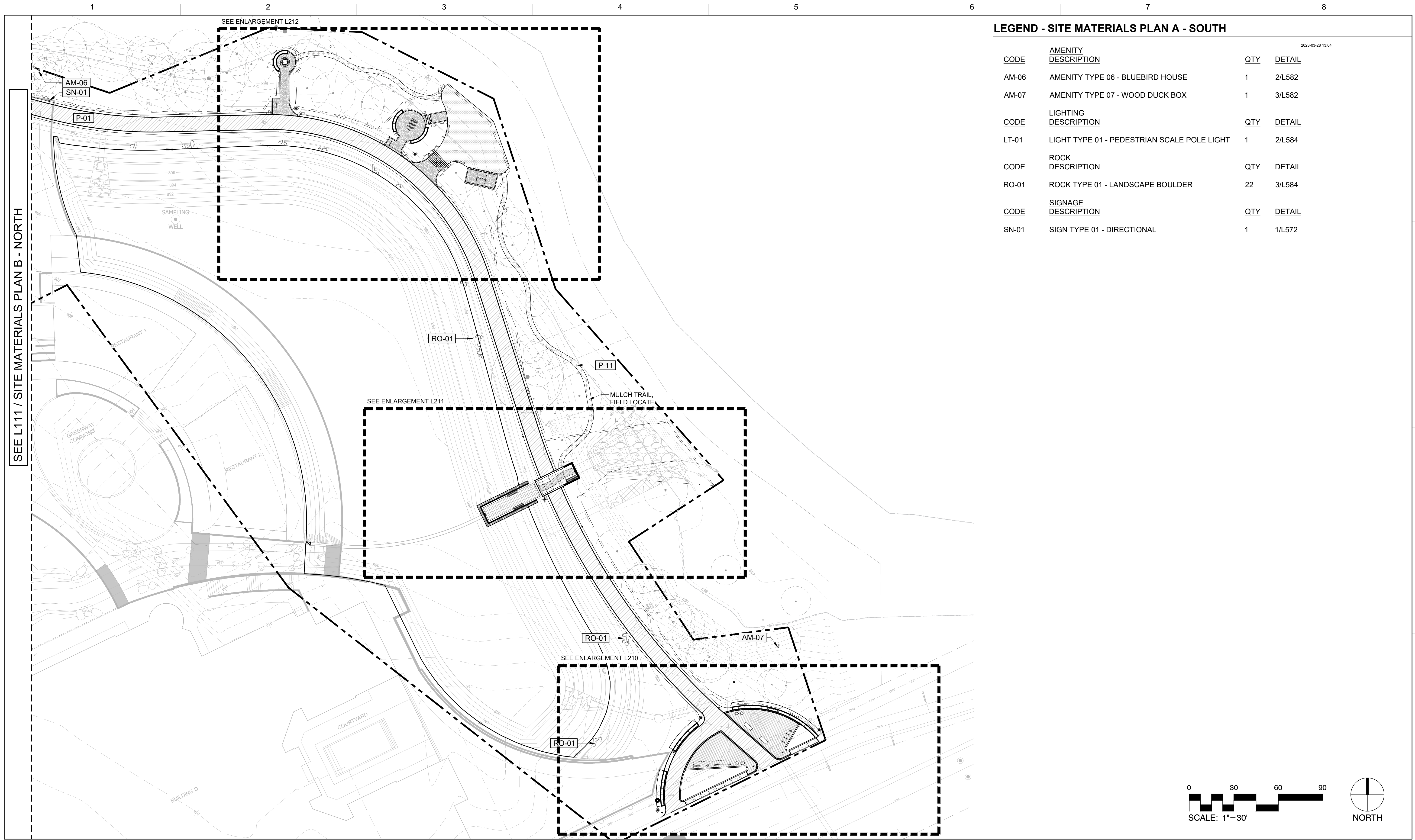
**325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY**

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LAYOUT AND DIMENSIONS PLAN B - NORTH



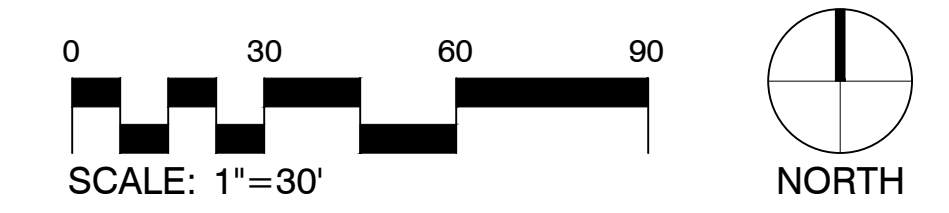
SHEET
L101



LEGEND - SITE MATERIALS PLAN A - SOUTH

2023-03-28 13:04

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-06	AMENITY TYPE 06 - BLUEBIRD HOUSE	1	2/L582
AM-07	AMENITY TYPE 07 - WOOD DUCK BOX	1	3/L582
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	1	2/L584
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	22	3/L584
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-01	SIGN TYPE 01 - DIRECTIONAL	1	1/L572



SEE L111 / SITE MATERIALS PLAN B - NORTH

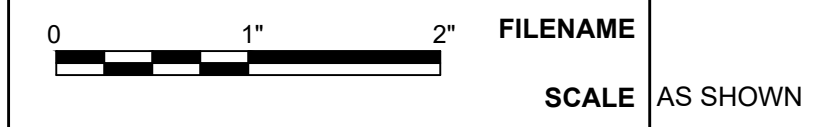
PROJECT MANAGER ANDREW F. JUDD

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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS PLAN A - SOUTH



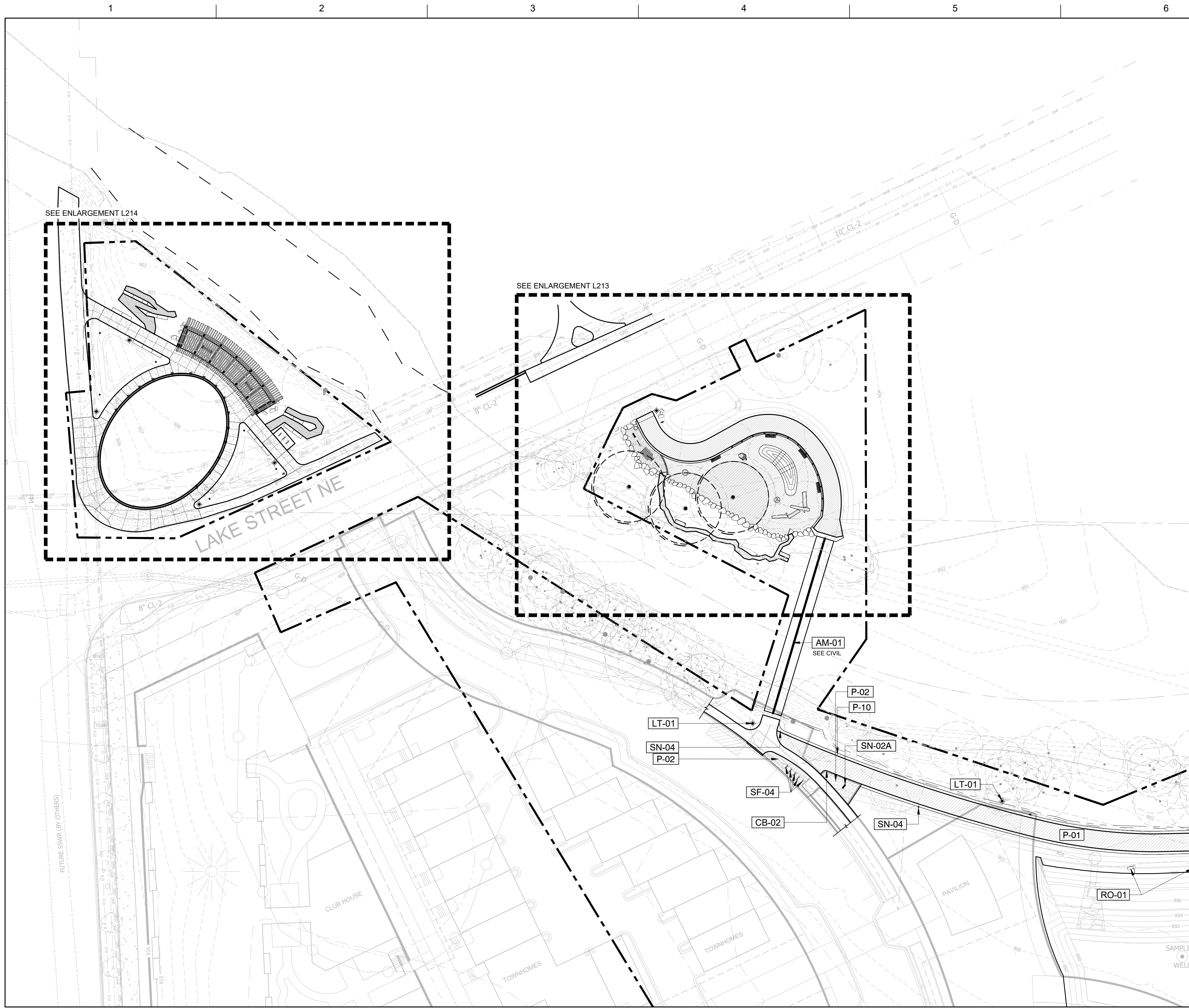
SHEET
L110



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
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A	06/13/2022	PFA GRANT PACKAGE

PROJECT NUMBER	10268112
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DATE XX/XX/XXXX LICENSE # 26292

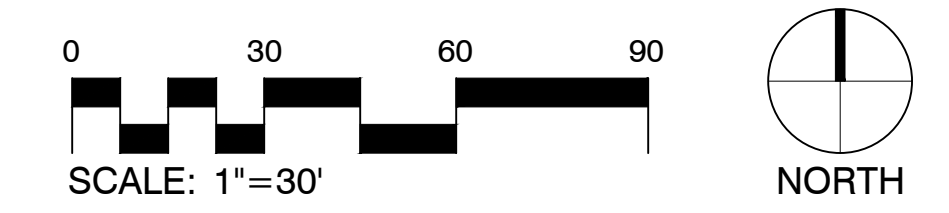


LEGEND - SITE MATERIALS PLAN B - NORTH

2023-03-28 13:00

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-01	AMENITY TYPE 01 - PEDESTRIAN BRIDGE	102 LF	
AM-06	AMENITY TYPE 06 - BLUEBIRD HOUSE	1	2/L582
CODE	CURB DESCRIPTION	QTY	DETAIL
CB-02	CURB TYPE 02 - 8" CIP CONCRETE RIBBON CURB	38 LF	2/L510
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	2	2/L584
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	4	3/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-04	SITE FURNITURE TYPE 04 - HOOP BIKE RACK	5	5/L562
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-01	SIGN TYPE 01 - DIRECTIONAL	1	1/L572
SN-02A	SIGN TYPE 02A - WAYFINDING KIOSK	1	2/L570
SN-04	SIGN TYPE 04 - TRAIL & REGULATION	1	2/L572
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	6,226 SF	
	PAVING TYPE 02 - PERMEABLE CONCRETE UNIT PAVERS	369 SF	3/L500
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	456 SF	

SEE L110 / SITE MATERIALS PLAN A - SOUTH



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THOMAS J WHITLOCK, PLA
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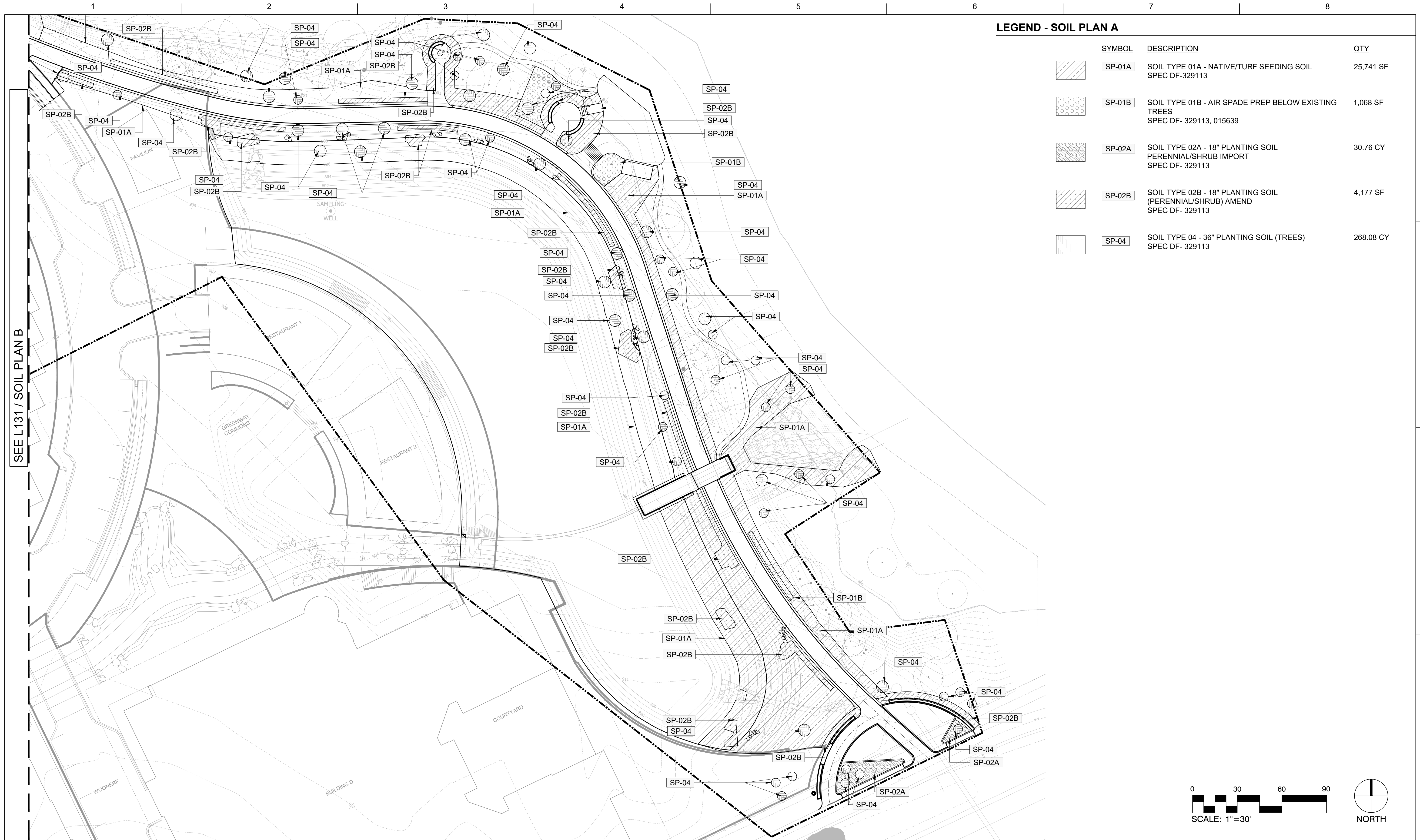
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS PLAN B - NORTH

SCALE AS SHOWN

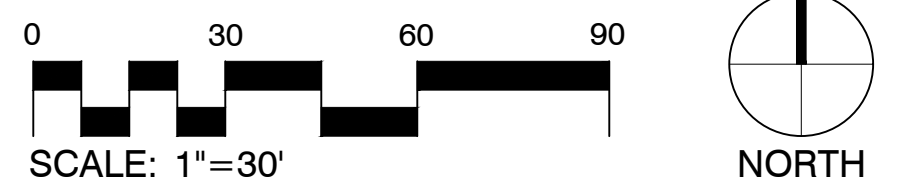
SHEET L111



LEGEND - SOIL PLAN A

SYMBOL	DESCRIPTION	QTY
	SP-01A SOIL TYPE 01A - NATIVE/TURF SEEDING SOIL SPEC DF-329113	25,741 SF
	SP-01B SOIL TYPE 01B - AIR SPADE PREP BELOW EXISTING TREES SPEC DF- 329113, 015639	1,068 SF
	SP-02A SOIL TYPE 02A - 18" PLANTING SOIL PERENNIAL/SHRUB IMPORT SPEC DF- 329113	30.76 CY
	SP-02B SOIL TYPE 02B - 18" PLANTING SOIL (PERENNIAL/SHRUB) AMEND SPEC DF- 329113	4,177 SF
	SP-04 SOIL TYPE 04 - 36" PLANTING SOIL (TREES) SPEC DF- 329113	268.08 CY

SEE L131 / SOIL PLAN B



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
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DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SOIL PLAN A

SCALE AS SHOWN

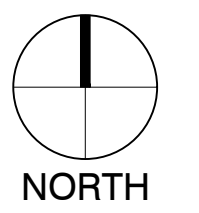
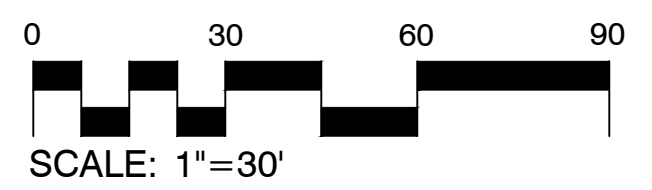
SHEET
L130



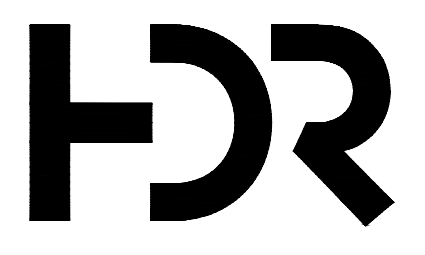
LEGEND - SOIL PLAN A

SYMBOL	DESCRIPTION	QTY
	SOIL TYPE 01A - NATIVE/TURF SEEDING SOIL SPEC DF-329113	8,706 SF
	SOIL TYPE 01B - AIR SPADE PREP BELOW EXISTING TREES SPEC DF- 329113, 015639	4,992 SF
	SOIL TYPE 02A - 18" PLANTING SOIL PERENNIAL/SHRUB IMPORT SPEC DF- 329113	393.81 CY
	SOIL TYPE 02B - 18" PLANTING SOIL (PERENNIAL/SHRUB) AMEND SPEC DF- 329113	2,210 SF
	SOIL TYPE 03 - 24" RAIN GARDEN PLANTING SOIL SPEC DF- 329113	175.49 CY
	SOIL TYPE 04 - 36" PLANTING SOIL (TREES) SPEC DF- 329113	110.65 CY

SEE L130 / SOIL PLAN A



MINNEHAHA CREEK WATERSHED DISTRICT



DF/ DAMON FARBER LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
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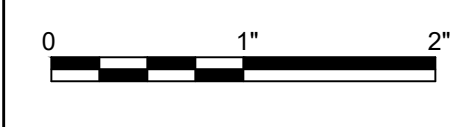
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

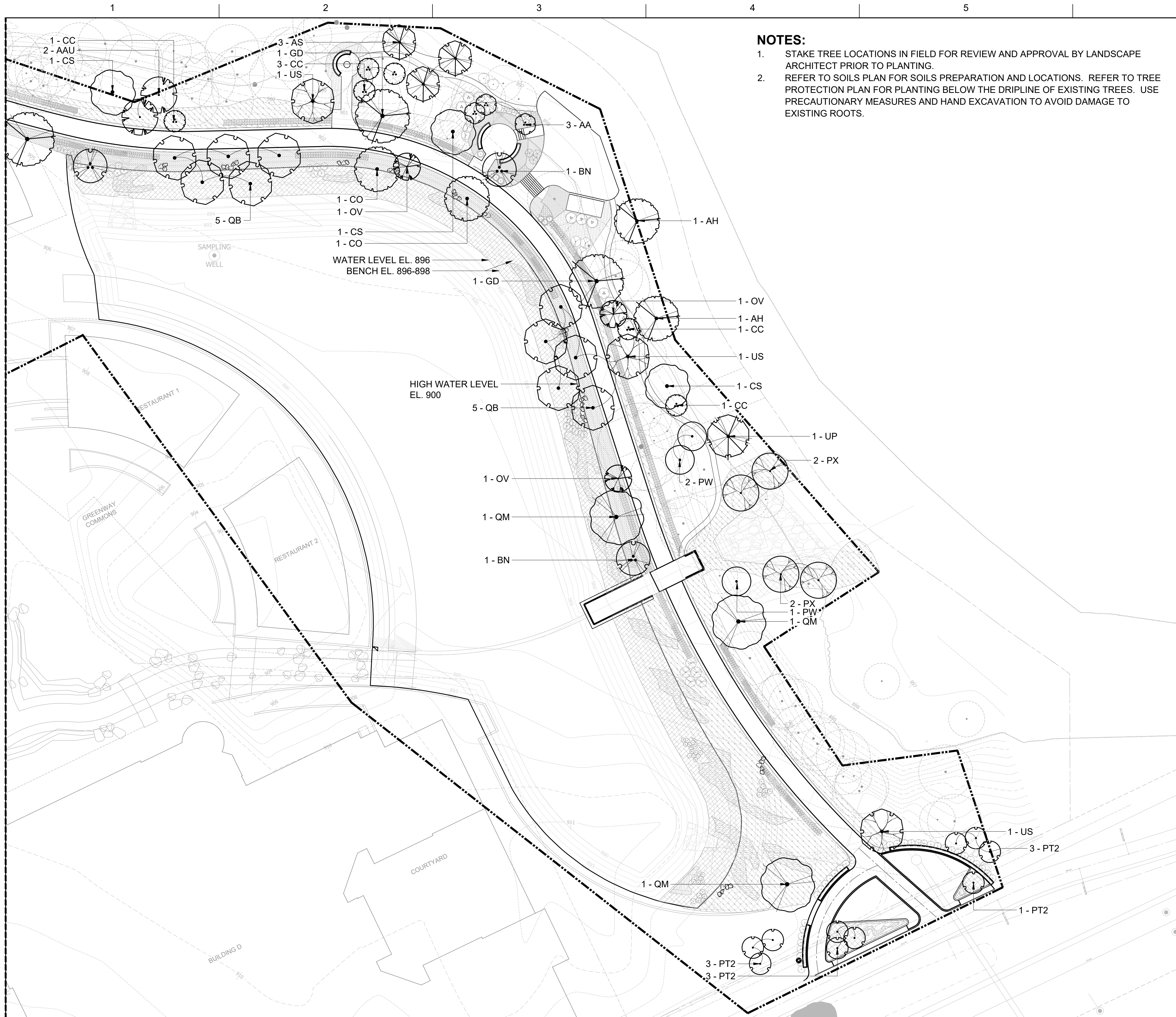
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SOIL PLAN B



FILENAME
SCALE AS SHOWN

SHEET
L131

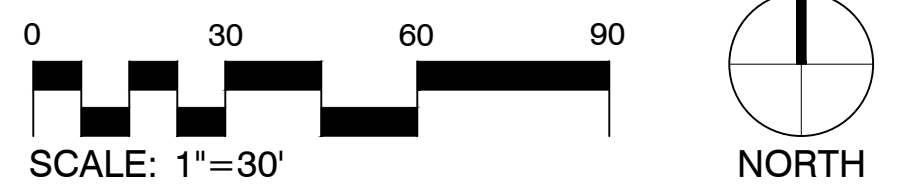


NOTES:
 1. STAKE TREE LOCATIONS IN FIELD FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
 2. REFER TO SOILS PLAN FOR SOILS PREPARATION AND LOCATIONS. REFER TO TREE PROTECTION PLAN FOR PLANTING BELOW THE DRIPLINE OF EXISTING TREES. USE PRECAUTIONARY MEASURES AND HAND EXCAVATION TO AVOID DAMAGE TO EXISTING ROOTS.

LEGEND - TREE PLANTING PLAN A

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AS	3	ACER SACCHARUM SUGAR MAPLE	2" CAL.
DECIDUOUS TREES				
	AAU	2	ACER RUBRUM 'AUTUMN FLAME' AUTUMN FLAME RED MAPLE	2.5" CAL.
	AH	2	ACER SACCHARINUM SILVER MAPLE	2" CAL.
	BN	3	BETULA NIGRA 'CULLY' TM HERITAGE RIVER BIRCH	8' HT. MUL1
	CS	3	CATALPA SPECIOSA NORTHERN CATALPA	2" CAL.
	CO	2	CELTIS OCCIDENTALIS COMMON HACKBERRY	2.5" CAL.
	GD	2	GYMNOCLADUS DIOICA KENTUCKY COFFEETREE	3.5" CAL
	OV	3	OSTRYA VIRGINIANA AMERICAN HOPHORNBEAM	2.5" CAL.
	PX	4	POPULUS DELTOIDES 'SIOUXLAND' EASTERN COTTONWOOD SIOUXLAND	2" CAL.
	PT2	10	POPULUS TREMULOIDES 'NE ARB' PRAIRIE GOLD ASPEN	2.5" CAL.
	PW	3	PRUNUS SEROTINA BLACK CHERRY	2" CAL.
	QB	10	QUERCUS BICOLOR SWAMP WHITE OAK	2.5" CAL.
	QM	3	QUERCUS MACROCARPA BUR OAK	2.5" CAL.
	UP	1	ULMUS AMERICANA 'PRINCETON' AMERICAN ELM	2.5" CAL.
	US	3	ULMUS AMERICANA 'ST. CROIX' ST. CROIX AMERICAN ELM	2.5" CAL.
ORNAMENTAL TREES				
	AA	3	AMELANCHIER X GRANDIFLORA APPLE SERVICEBERRY	8' HT. MUL1
	CC	6	CARPINUS CAROLINIANA AMERICAN HORNBEAM	8' HT. MUL1

SEE L141 / TREE PLANTING PLAN B



ISSUE	DATE	DESCRIPTION
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

TREE PLANTING PLAN A

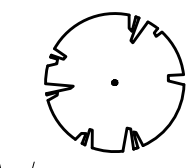
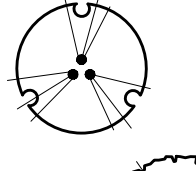
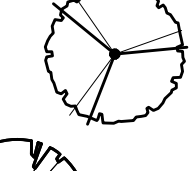
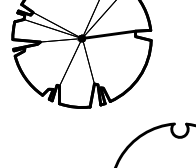
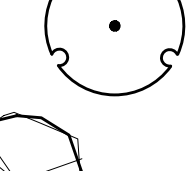
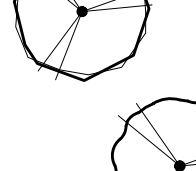
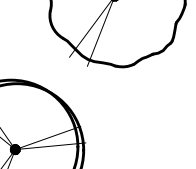

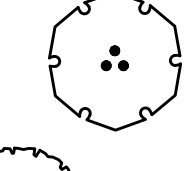
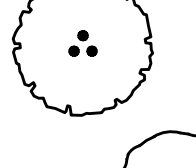

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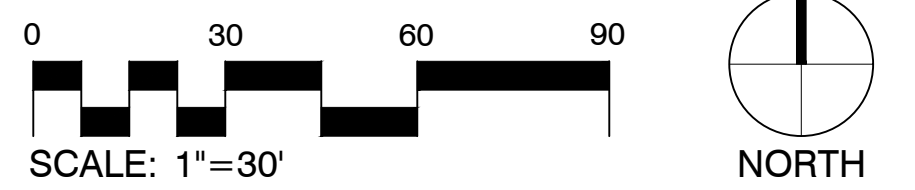
SHEET L140



SEE L140 / TREE PLANTING PLAN A

LEGEND - TREE PLANTING PLAN B

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
	AAU	3	ACER RUBRUM 'AUTUMN FLAME' AUTUMN FLAME RED MAPLE
	BN	5	BETULA NIGRA 'CULLY' TM HERITAGE RIVER BIRCH
	GD	1	GYMNOCLADUS DIOICA KENTUCKY COFFEETREE
	OV	1	OSTRYA VIRGINIANA AMERICAN HOPHORNBEAM
	PT2	3	POPULUS TREMULOIDES 'NE ARB' PRAIRIE GOLD ASPEN
	QS	1	QUERCUS ELLIPSOIDALIS 'MAJESTIC SKIES' MAJESTIC SKIES NORTHERN PIN OAK
	QM	4	QUERCUS MACROCARPA BUR OAK
	QH	1	QUERCUS X 'HERITAGE' HERITAGE ENGLISH OAK
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME
	AA	6	AMELANCHIER X GRANDIFLORA APPLE SERVICEBERRY
	CC	1	CARPINUS CAROLINIANA AMERICAN HORNBEAM
	CA	1	CORNUS ALTERNIFOLIA PAGODA DOGWOOD



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PROJECT MANAGER	ANDREW F. JUDD
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THOMAS J WHITLOCK, PLA
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

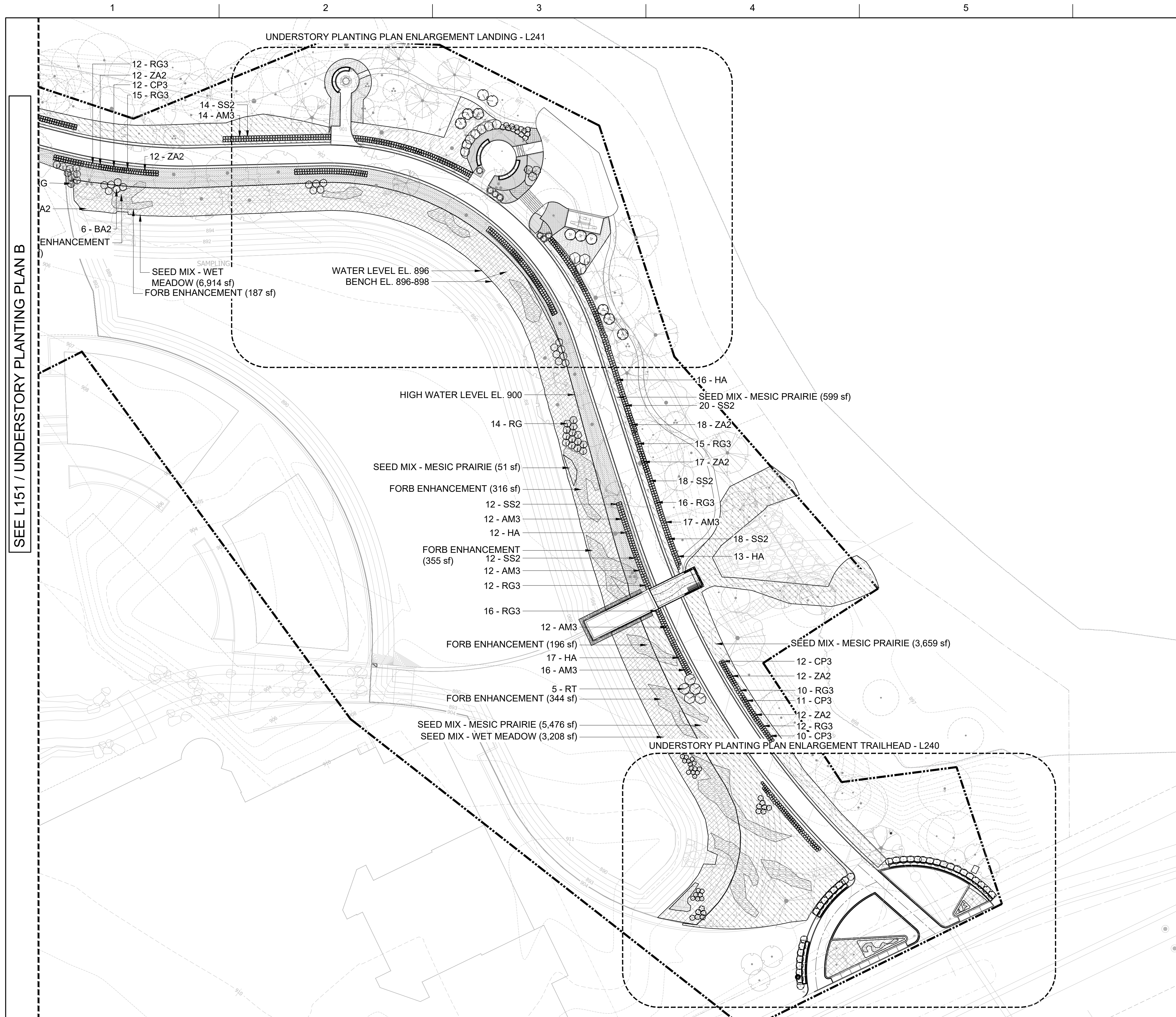
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

TREE PLANTING PLAN B

SCALE AS SHOWN

FILENAME

SHEET **L141**



LEGEND - UNDERSTORY PLANTING PLAN A

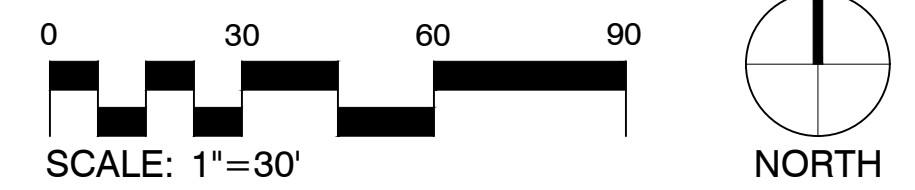
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE
	AM3	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	#2
	CP3	COREOPSIS PALMATA STIFF TICKSEED	#2
	HA	HELIUM AUTUMNALE SALUD YELLOW SNEEZEWEED	#2
	RG	RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	#5
	RT	RHUS TYPHINA STAGHORN SUMAC	#5
	RG3	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#2
	SC	SILPHIUM PERFOLIATUM CUP PLANT	#1
	SS2	SOLIDAGO SPECIOSA 'LITTLE MELON' SHOWY GOLDENROD	#2
	ZA2	ZIZIA AUREA GOLDEN ALEXANDER	#2

SHRUB AREAS	CODE	BOTANICAL / COMMON NAME	SIZE
		FORB ENHANCEMENT	
	D2	DRIFT 1	PLUG
	D3	DRIFT 2	PLUG
	D4	DRIFT 3	PLUG

GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE
		SEED MIX - MESIC PRAIRIE	
		SEED MIX - WET MEADOW BSWR - 34-271 WET MEADOW SOUTH & WEST	

GENERAL PLANTING NOTES

- REFER TO SOILS PLAN FOR SOIL PREPARATION & LOCATIONS
- AREAS DISTURBED BY CONSTRUCTION ARE TO BE SEEDED & RESTORED UNLESS NOTED OTHERWISE. PROVIDE WOODLAND SEED MIX IN WOODLAND/ RIPARIAN ZONES; MESIC PRAIRIE SEED IN UPLAND/ FULL ZONES.



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PROJECT MANAGER ANDREW F. JUDD

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DATE XX/XX/XXXX LICENSE # 26292

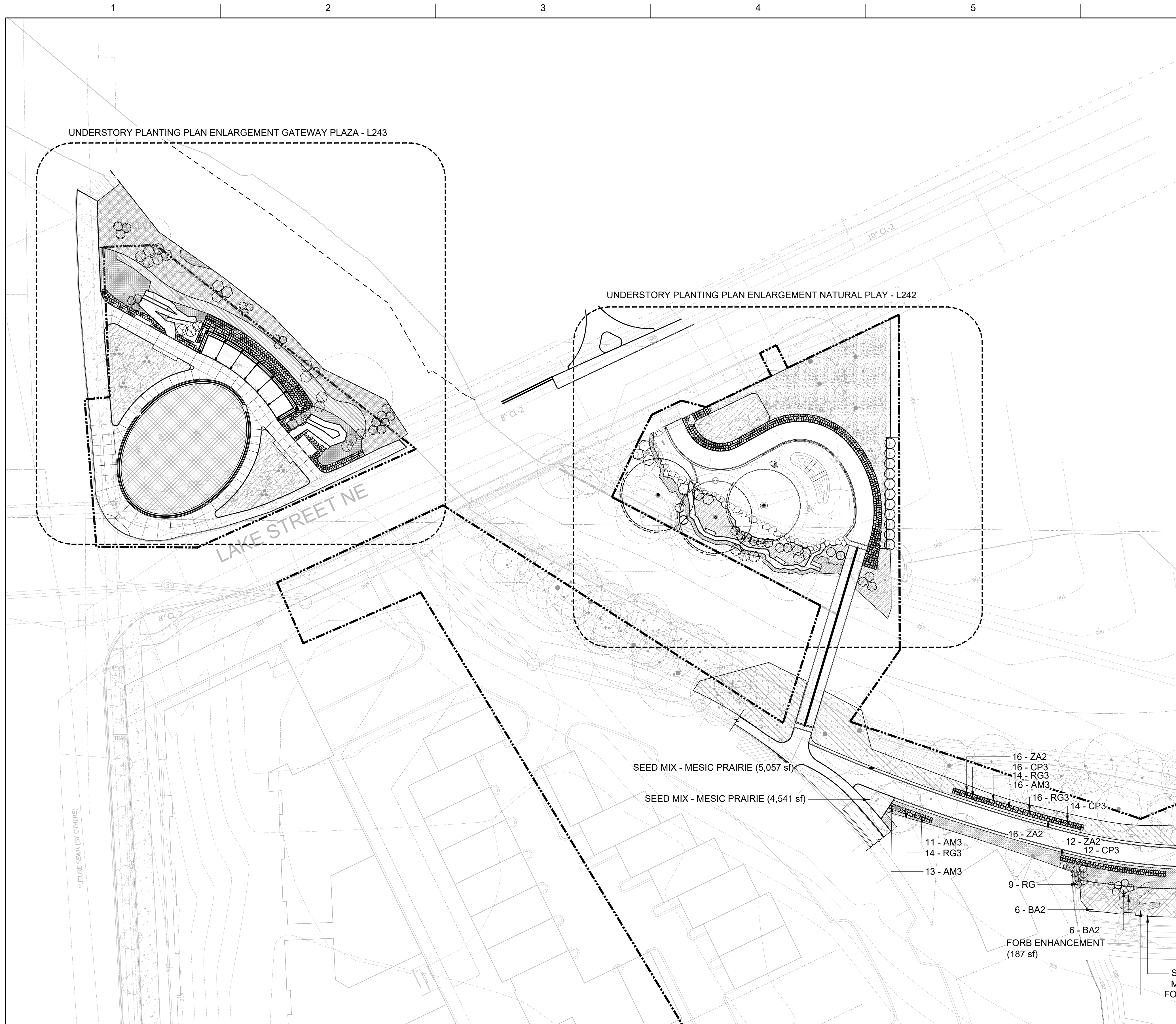
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

UNDERSTORY PLANTING PLAN A

SCALE AS SHOWN

SHEET
L150



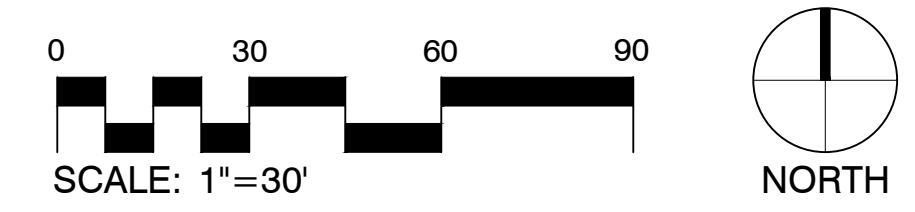
LEGEND - UNDERSTORY PLANTING PLAN B

SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE
	AM3	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	#2
	CP3	COREOPSIS PALMATA STIFF TICKSEED	#2
	HA	HELENIUM AUTUMNALE SALUD SNEEZEWEED	#2
	RG	RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	#5
	RT	RHUS TYPHINA STAGHORN SUMAC	#5
	RG3	RUDBECKIA FULGIDA SULLIVANTII GOLDSTURM CONEFLOWER	#2
	SC	SILPHIUM PERFOLIATUM CUP PLANT	#1
	SS2	SOLIDAGO SPECIOSA 'LITTLE MELON' SHOWY GOLDENROD	#2
	ZA2	ZIZIA AUREA GOLDEN ALEXANDER	#2
SHRUB AREAS	CODE	BOTANICAL / COMMON NAME	SIZE
		FORB ENHANCEMENT	
	D2	DRIFT 1	PLUG
	D3	DRIFT 2	PLUG
	D4	DRIFT 3	PLUG
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE
		SEED MIX - MESIC PRAIRIE	
		SEED MIX - WET MEADOW BSWR - 34-271 WET MEADOW SOUTH & WEST	

SEE L150 / UNDERSTORY PLANTING PLAN A

GENERAL PLANTING NOTES

- REFER TO SOILS PLAN FOR SOIL PREPARATION & LOCATIONS
- AREAS DISTURBED BY CONSTRUCTION ARE TO BE SEED & RESTORED UNLESS NOTED OTHERWISE. PROVIDE WOODLAND SEED MIX IN WOODLAND/ RIPARIAN ZONES; MESIC PRAIRIE SEED IN UPLAND/ FULL ZONES.



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER 10268112

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

UNDERSTORY PLANTING PLAN B

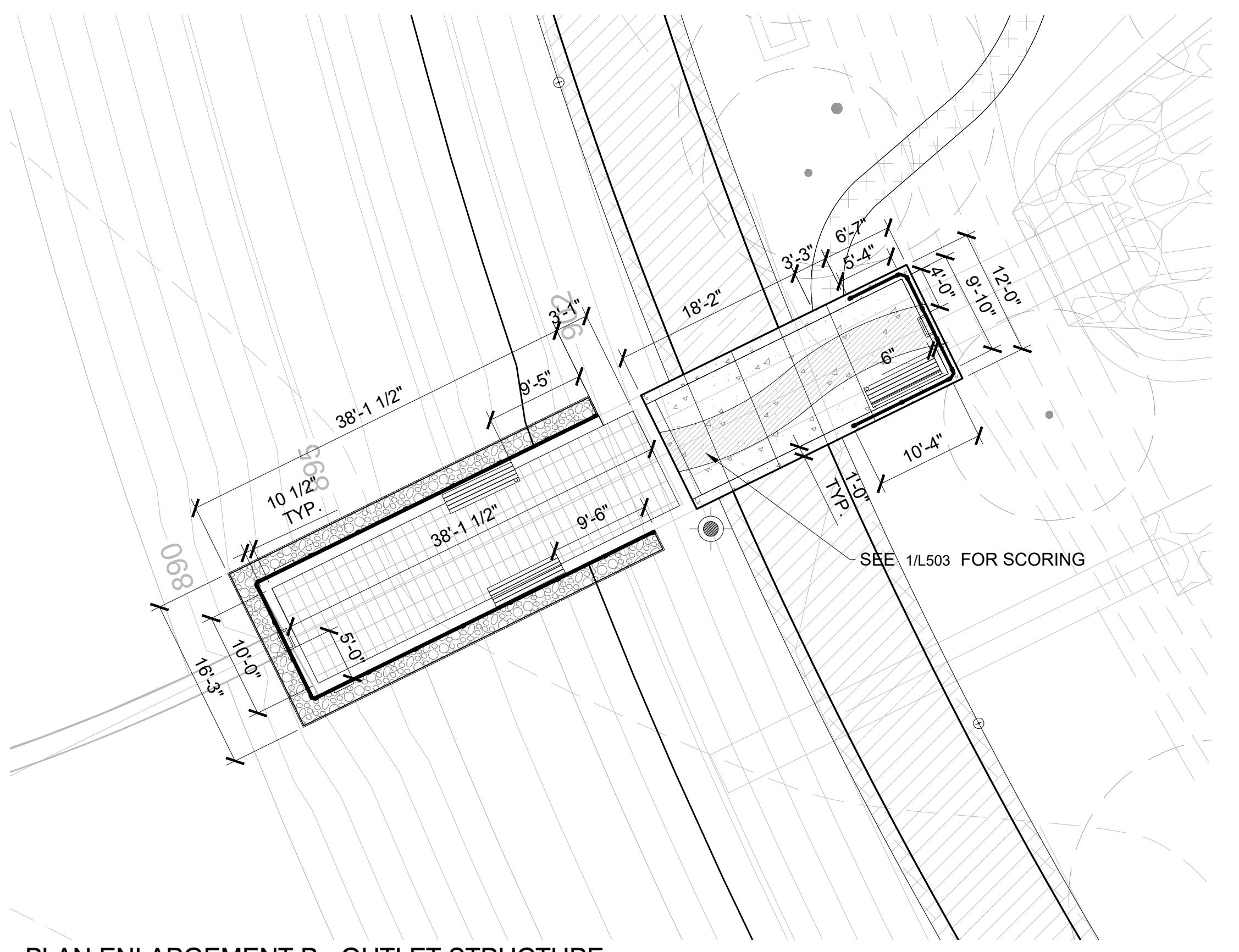
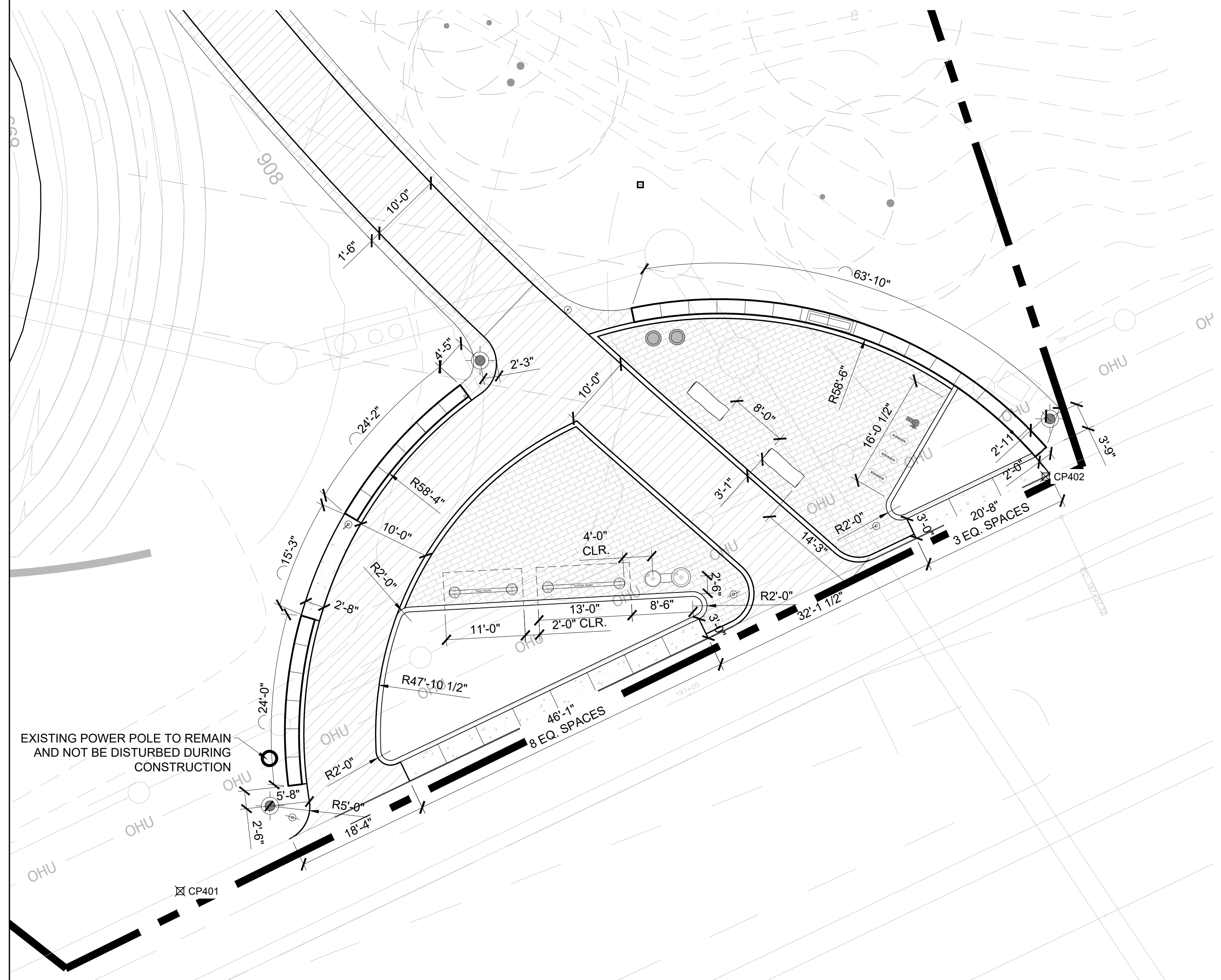
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FILENAME

SHEET **L151**

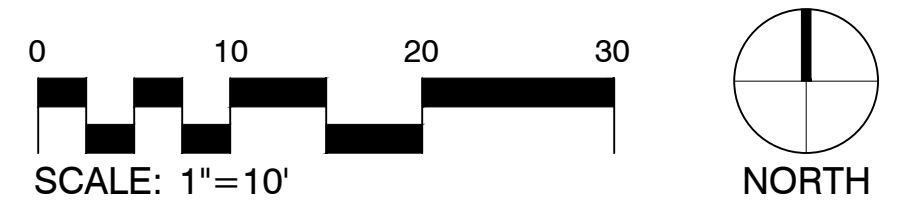
LEGEND - LAYOUT AND DIMENSIONS ENLARGEMENT PLAN TRAILHEAD

SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	CIVIL CONTROL POINT		
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	3,109 SF	
	PAVING TYPE 02 - PERMEABLE CONCRETE UNIT PAVERS	1,550 SF	3/L500
	PAVING TYPE 03 - CONCRETE PAVING	241 SF	1/L502
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	595 SF	



PLAN ENLARGEMENT A - TRAILHEAD

PLAN ENLARGEMENT B - OUTLET STRUCTURE



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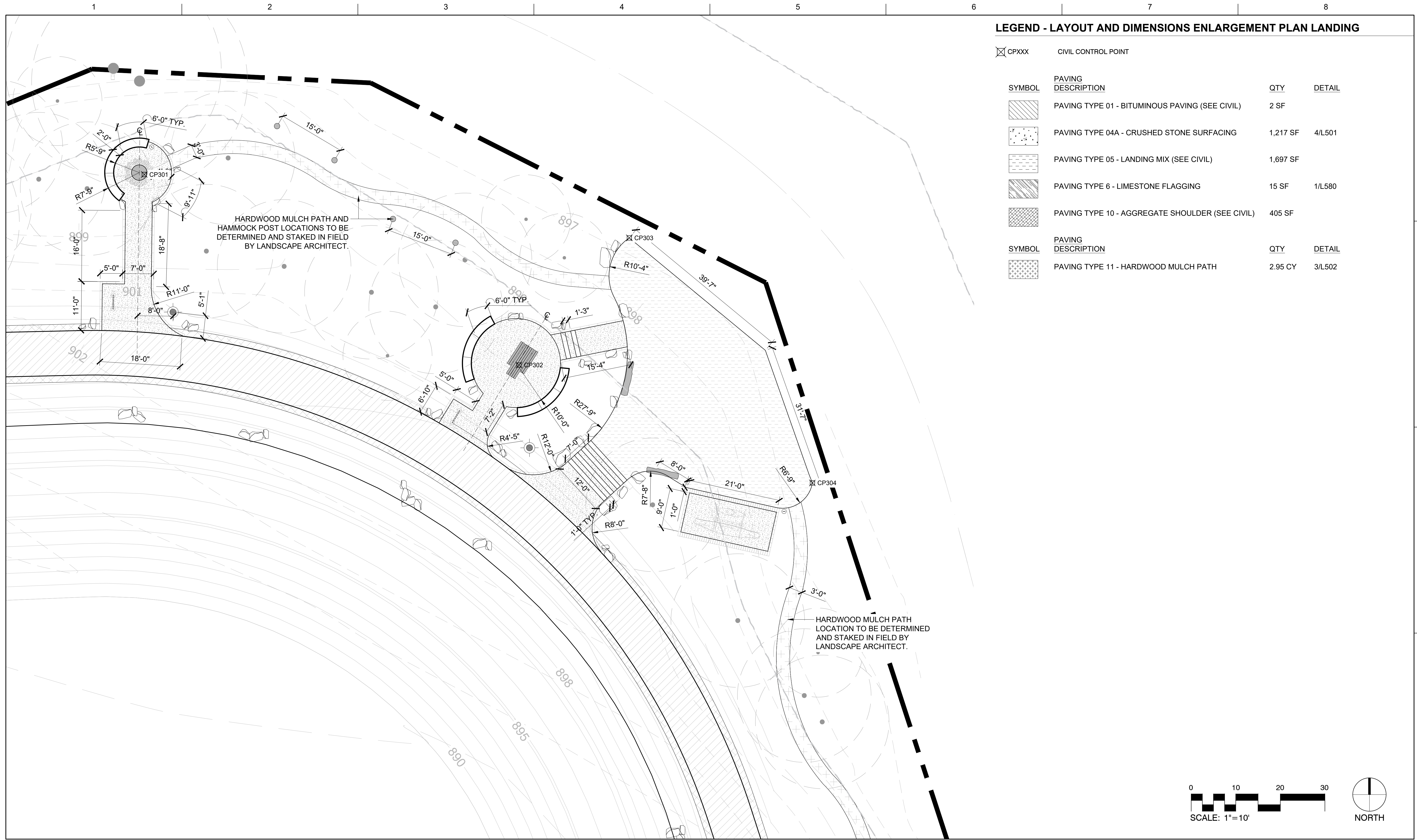
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LAYOUT AND DIMENSIONS ENLARGEMENT PLAN TRAILHEAD

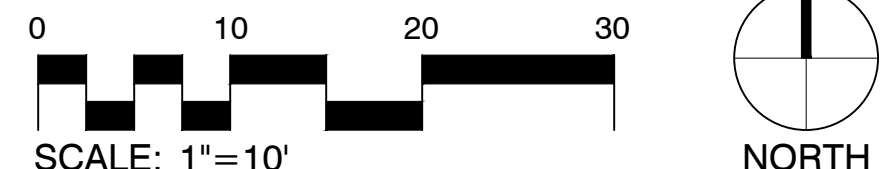
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SCALE	AS SHOWN

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L200



LEGEND - LAYOUT AND DIMENSIONS ENLARGEMENT PLAN LANDING

SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
☒ CPXXX	CIVIL CONTROL POINT		
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	2 SF	
	PAVING TYPE 04A - CRUSHED STONE SURFACING	1,217 SF	4/L501
	PAVING TYPE 05 - LANDING MIX (SEE CIVIL)	1,697 SF	
	PAVING TYPE 6 - LIMESTONE FLAGGING	15 SF	1/L580
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	405 SF	
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 11 - HARDWOOD MULCH PATH	2.95 CY	3/L502



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PROJECT MANAGER	ANDREW F. JUDD
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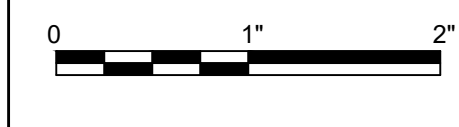
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

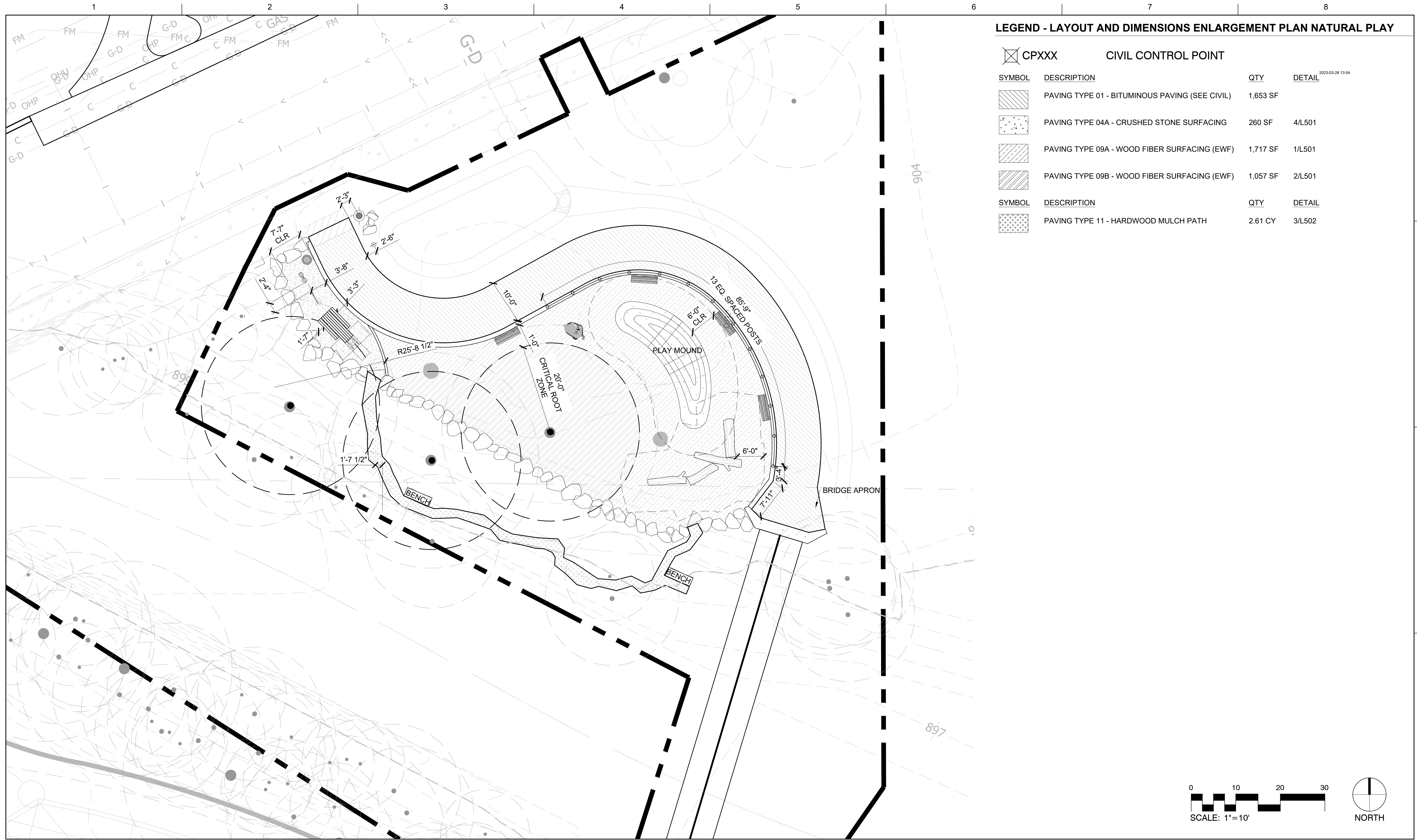
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LAYOUT AND DIMENSIONS ENLARGEMENT PLAN LANDING



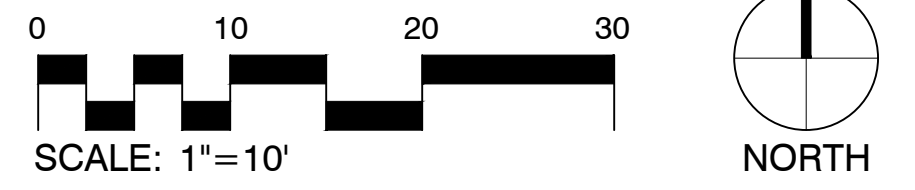
FILENAME
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SHEET
L201



LEGEND - LAYOUT AND DIMENSIONS ENLARGEMENT PLAN NATURAL PLAY

CIVIL CONTROL POINT		QTY	DETAIL
SYMBOL	DESCRIPTION		
CPXXX			
[Hatched Box]	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	1,653 SF	
[Dotted Box]	PAVING TYPE 04A - CRUSHED STONE SURFACING	260 SF	4/L501
[Diagonal Hatched Box]	PAVING TYPE 09A - WOOD FIBER SURFACING (EWF)	1,717 SF	1/L501
[Cross-hatched Box]	PAVING TYPE 09B - WOOD FIBER SURFACING (EWF)	1,057 SF	2/L501
SYMBOL	DESCRIPTION	QTY	DETAIL
[Checkered Box]	PAVING TYPE 11 - HARDWOOD MULCH PATH	2.61 CY	3/L502



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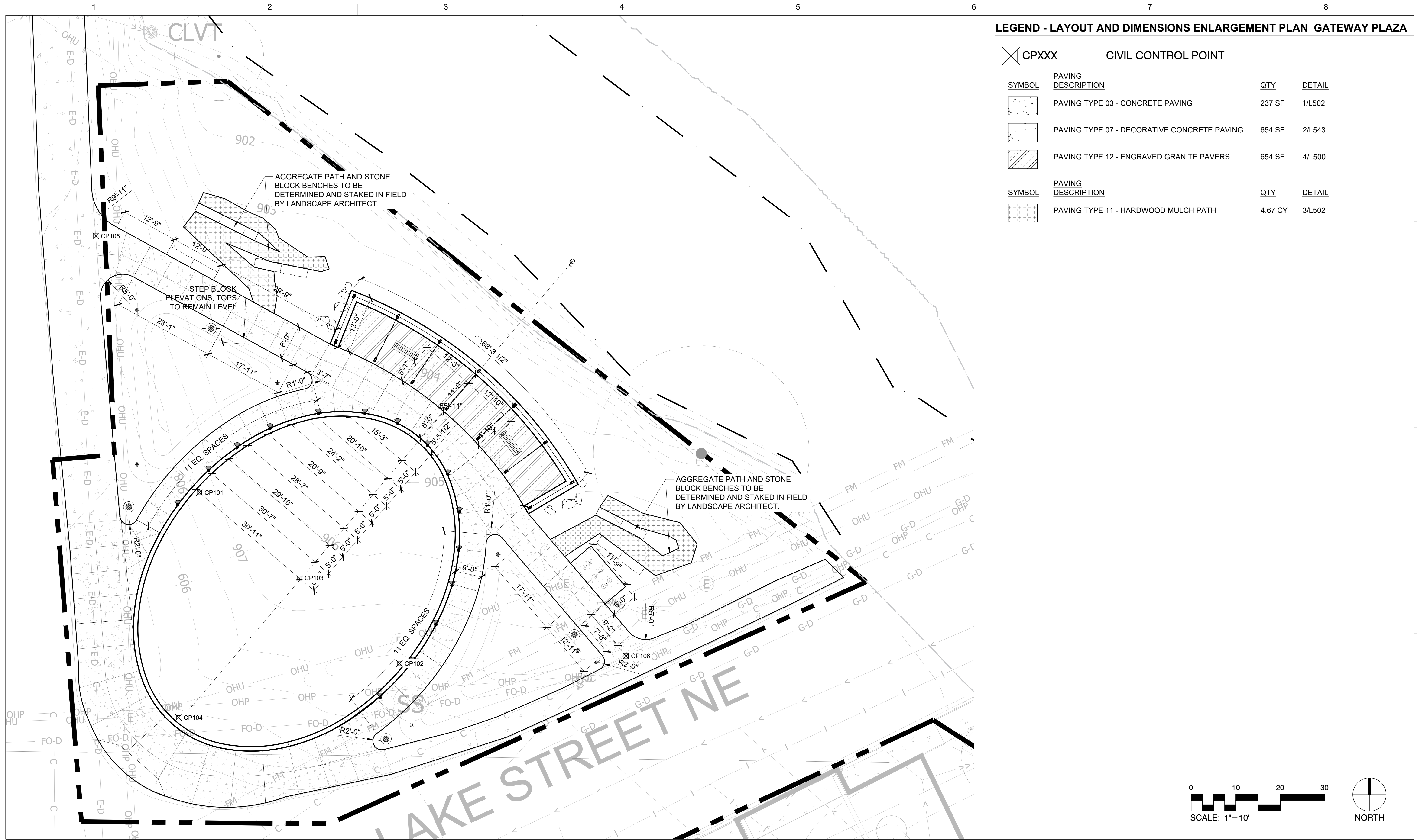
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

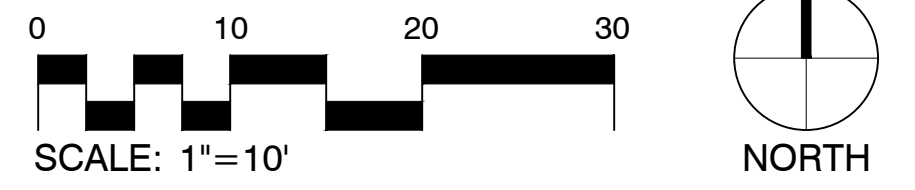
LAYOUT AND DIMENSIONS ENLARGEMENT PLAN NATURAL PLAY

FILENAME		SHEET	L202
SCALE	AS SHOWN		

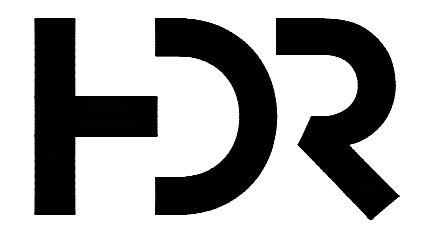


LEGEND - LAYOUT AND DIMENSIONS ENLARGEMENT PLAN GATEWAY PLAZA

CPXXX CIVIL CONTROL POINT			
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 03 - CONCRETE PAVING	237 SF	1/L502
	PAVING TYPE 07 - DECORATIVE CONCRETE PAVING	654 SF	2/L543
	PAVING TYPE 12 - ENGRAVED GRANITE PAVERS	654 SF	4/L500
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 11 - HARDWOOD MULCH PATH	4.67 CY	3/L502



MINNEHAHA CREEK WATERSHED DISTRICT



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401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p. 612.332.7522

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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
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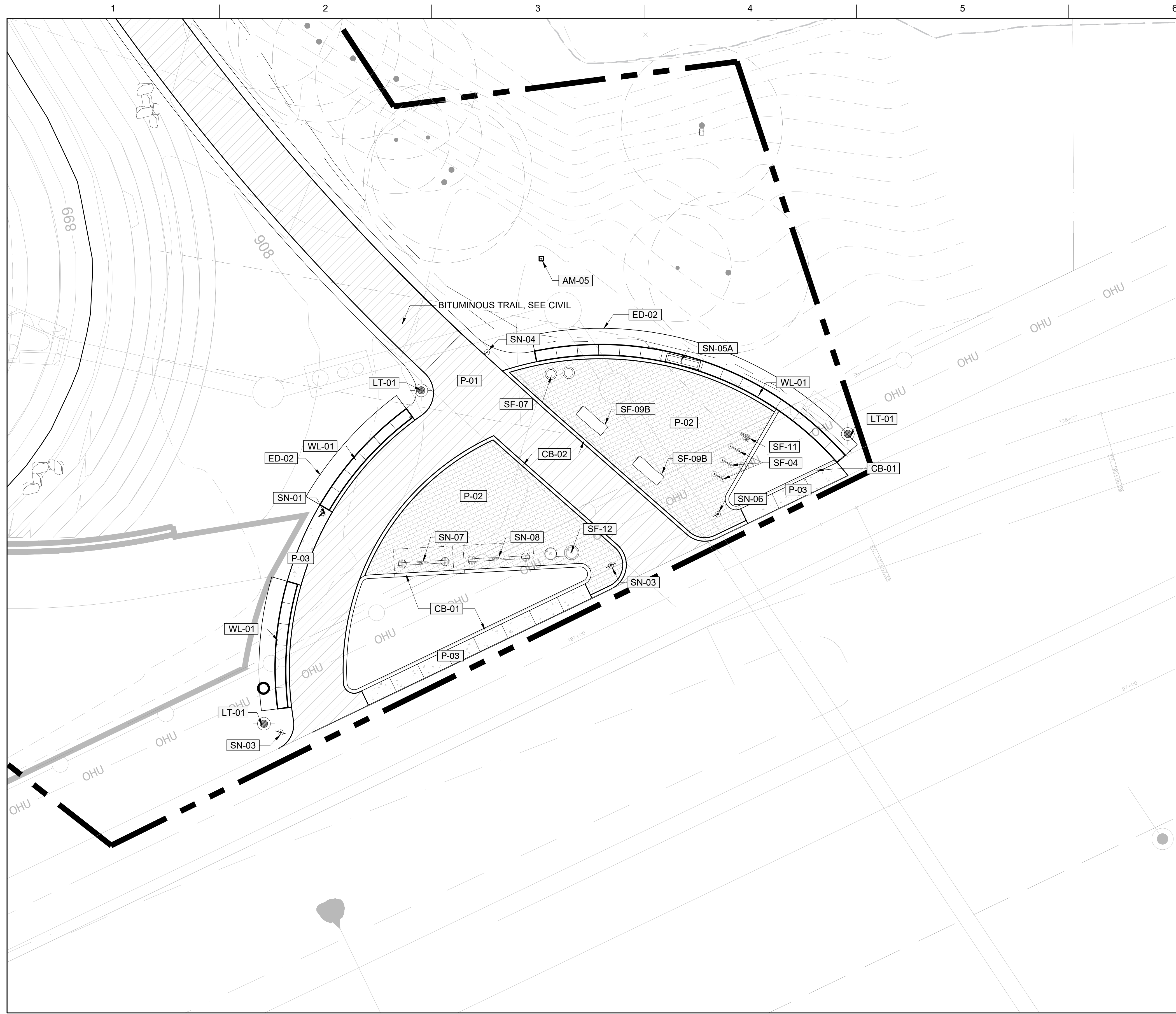
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LAYOUT AND DIMENSIONS ENLARGEMENT PLAN GATEWAY PLAZA

FILENAME	
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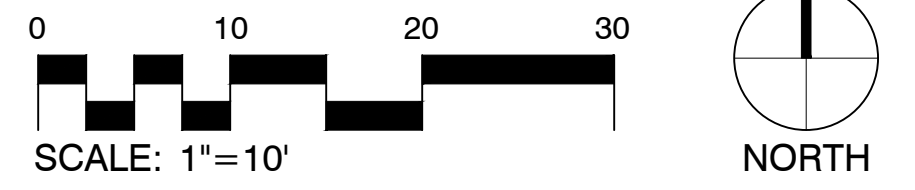
SHEET
L203



LEGEND - SITE MATERIALS ENLARGEMENT PLAN TRAILHEAD

2023-03-28 13:04

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-05	AMENITY TYPE 05 - BAT ROCKET BOX	1	1/L582
AM-09	AMENITY TYPE 09 - STONE ENGRAVING	1	3/L583
CODE	CURB DESCRIPTION	QTY	DETAIL
CB-01	CURB TYPE 01 - 8" CIP CONCRETE PLANTER CURB	210 LF	1/L510
CB-02	CURB TYPE 02 - 8" CIP CONCRETE RIBBON CURB	186 LF	2/L510
CODE	EDGING DESCRIPTION	QTY	DETAIL
ED-02	EDGING TYPE 02 - STEEL EDGING	136 LF	3/L511
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	3	2/L584
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	4	3/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-04	SITE FURNITURE TYPE 04 - HOOP BIKE RACK	3	5/L562
SF-07	SITE FURNITURE TYPE 07 - WASTE RECEPTACLE	2	2/L562
SF-09B	SITE FURNITURE TYPE 09B - LIMESTONE BLOCK ON PAVEMENT SPLIT FACE	2	/
SF-11	SITE FURNITURE TYPE 11 - BIKE FIX-IT STATION	1	1/L565
SF-12	SITE FURNITURE TYPE 12 - DRINKING FOUNTAIN	1	2/L565
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-01	SIGN TYPE 01 - DIRECTIONAL	1	1/L572
SN-03	SIGN TYPE 03 - STOP SIGN	2	2/L575
SN-04	SIGN TYPE 04 - TRAIL & REGULATION	1	2/L572
SN-05A	SIGNTYPE 05A - INTERPRETIVE SIGN	1	1/L576
SN-06	SIGN TYPE 06 - THREE RIVERS DIRECTIONAL	1	1/L573
SN-07	SIGN TYPE 07 - THREE RIVERS TRAIL KIOSK	1	1/L574
SN-08	SIGN TYPE 08 - THREE RIVERS SYSTEM KIOSK	1	1/L575
CODE	WALL DESCRIPTION	QTY	DETAIL
WL-01	WALL TYPE 01 - LIMESTONE SEATWALL @ TRAILHEAD	110 LF	1/L520
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	3,109 SF	
	PAVING TYPE 02 - PERMEABLE CONCRETE UNIT PAVERS	1,550 SF	3/L500
	PAVING TYPE 03 - CONCRETE PAVING	241 SF	1/L502
	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	595 SF	



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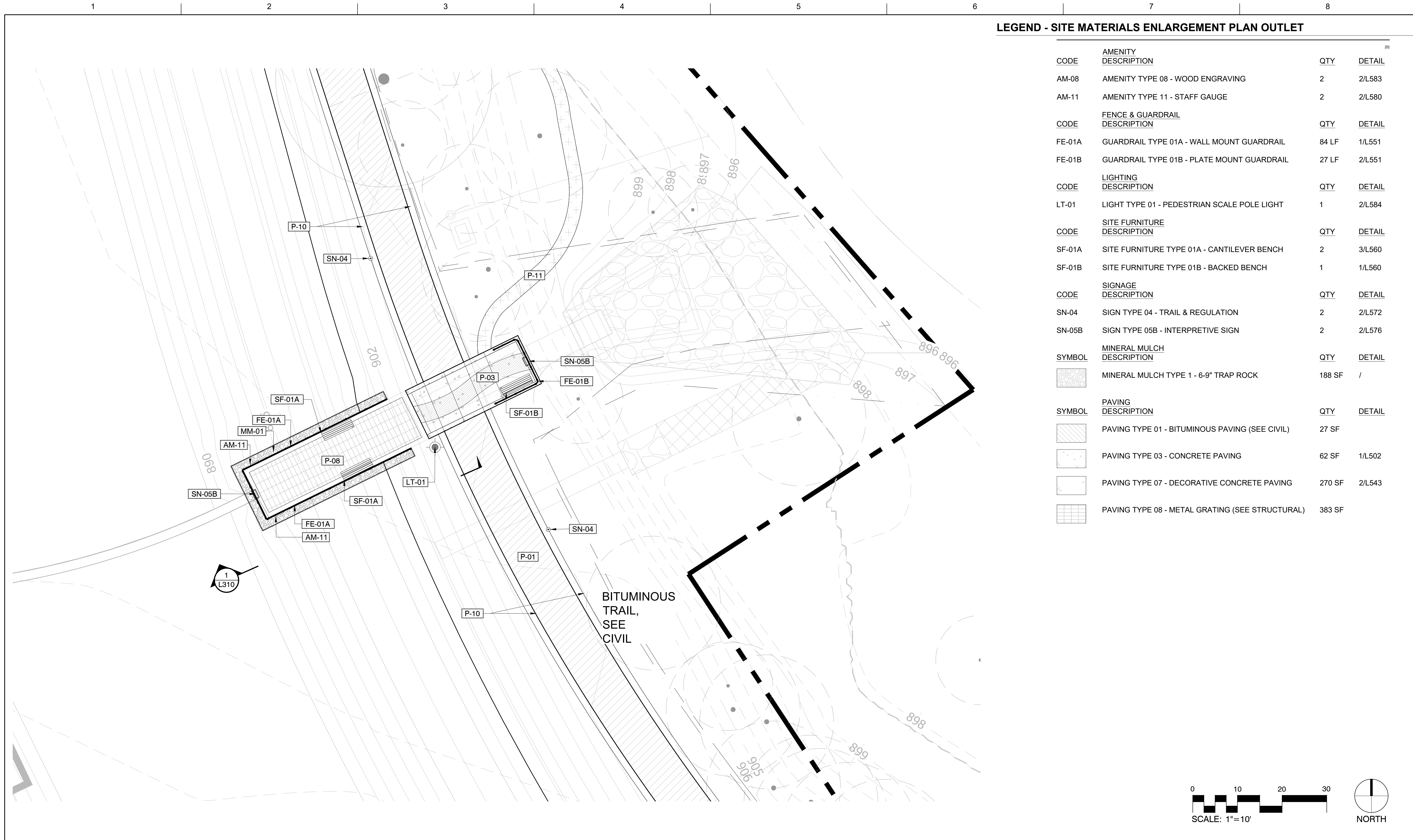
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS ENLARGEMENT PLAN TRAILHEAD

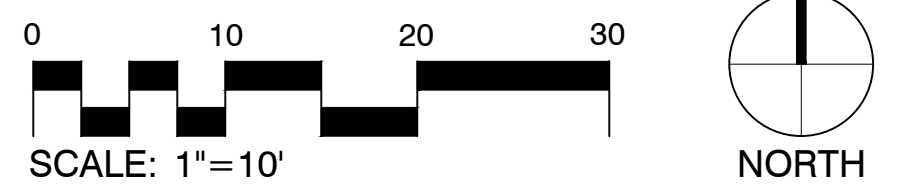
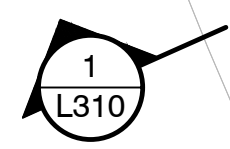
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SCALE	AS SHOWN

SHEET
L210



LEGEND - SITE MATERIALS ENLARGEMENT PLAN OUTLET

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-08	AMENITY TYPE 08 - WOOD ENGRAVING	2	2/L583
AM-11	AMENITY TYPE 11 - STAFF GAUGE	2	2/L580
CODE	FENCE & GUARDRAIL DESCRIPTION	QTY	DETAIL
FE-01A	GUARDRAIL TYPE 01A - WALL MOUNT GUARDRAIL	84 LF	1/L551
FE-01B	GUARDRAIL TYPE 01B - PLATE MOUNT GUARDRAIL	27 LF	2/L551
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	1	2/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-01A	SITE FURNITURE TYPE 01A - CANTILEVER BENCH	2	3/L560
SF-01B	SITE FURNITURE TYPE 01B - BACKED BENCH	1	1/L560
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-04	SIGN TYPE 04 - TRAIL & REGULATION	2	2/L572
SN-05B	SIGN TYPE 05B - INTERPRETIVE SIGN	2	2/L576
SYMBOL	MINERAL MULCH DESCRIPTION	QTY	DETAIL
[Symbol]	MINERAL MULCH TYPE 1 - 6-9" TRAP ROCK	188 SF	/
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
[Symbol]	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	27 SF	
[Symbol]	PAVING TYPE 03 - CONCRETE PAVING	62 SF	1/L502
[Symbol]	PAVING TYPE 07 - DECORATIVE CONCRETE PAVING	270 SF	2/L543
[Symbol]	PAVING TYPE 08 - METAL GRATING (SEE STRUCTURAL)	383 SF	



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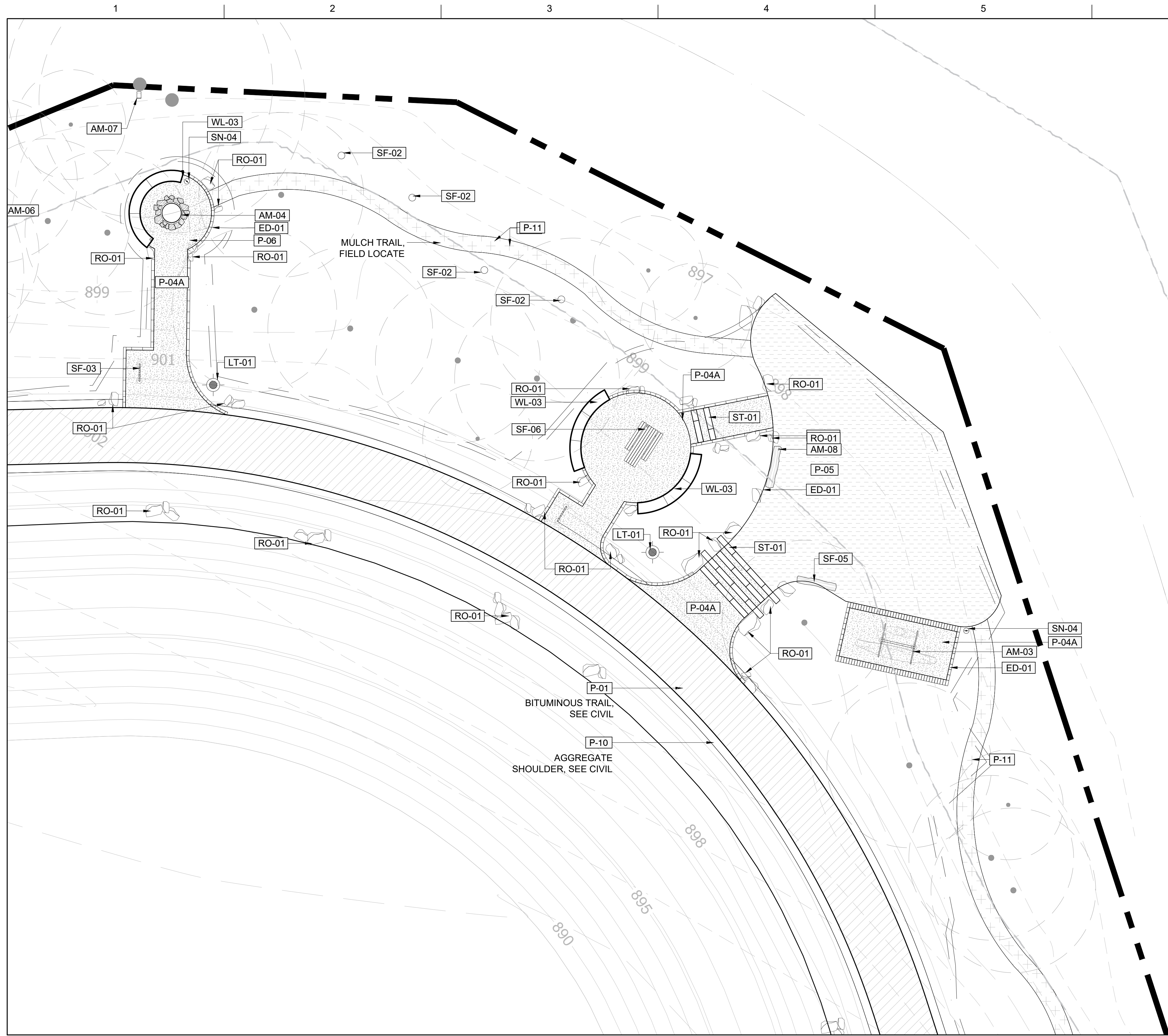
THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS ENLARGEMENT PLAN OUTLET

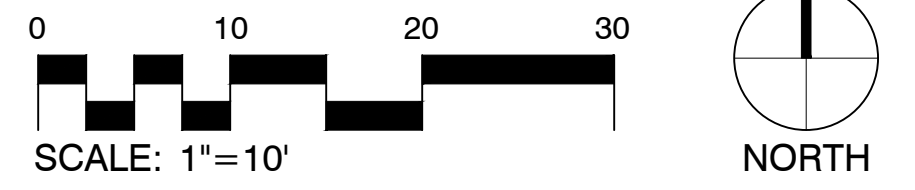
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SHEET	L211



LEGEND - SITE MATERIALS ENLARGEMENT PLAN LANDING

2023-03-28 13:04

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-03	AMENITY TYPE 03 - KAYAK RACK	1	2/L581
AM-04	AMENITY TYPE 04 - FIRE PIT	1	1/L580
AM-06	AMENITY TYPE 06 - BLUEBIRD HOUSE	1	2/L582
AM-07	AMENITY TYPE 07 - WOOD DUCK BOX	1	3/L582
AM-08	AMENITY TYPE 08 - WOOD ENGRAVING	2	2/L583
AM-09	AMENITY TYPE 09 - STONE ENGRAVING	1	3/L583
CODE	EDGING DESCRIPTION	QTY	DETAIL
ED-01	EDGING TYPE 01 - STONE EDGING	254 LF	1/L511
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	2	2/L584
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	51	3/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-02	SITE FURNITURE TYPE 02 - HAMMOCK POLE	4	1/L562
SF-03	SITE FURNITURE TYPE 03 - ROLLING BIKE RACK	2	4/L562
SF-05	SITE FURNITURE TYPE 05 - TIMBER BENCH	2	2/L560
SF-06	SITE FURNITURE TYPE 06 - PICNIC TABLE	1	1/L561
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-04	SIGN TYPE 04 - TRAIL & REGULATION	2	2/L572
CODE	STAIRS DESCRIPTION	QTY	DETAIL
ST-01	STAIR TYPE 01 - STONE STEPPER	18	1/L530
CODE	WALL DESCRIPTION	QTY	DETAIL
WL-03	WALL TYPE 03 - LIMESTONE SEATWALL @ PICNIC AREA	50 LF	1/L521
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
[Symbol]	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	2 SF	
[Symbol]	PAVING TYPE 04A - CRUSHED STONE SURFACING	1,217 SF	4/L501
[Symbol]	PAVING TYPE 05 - LANDING MIX (SEE CIVIL)	1,697 SF	
[Symbol]	PAVING TYPE 6 - LIMESTONE FLAGGING	15 SF	1/L580
[Symbol]	PAVING TYPE 10 - AGGREGATE SHOULDER (SEE CIVIL)	405 SF	
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
[Symbol]	PAVING TYPE 11 - HARDWOOD MULCH PATH	2.95 CY	3/L502



PROJECT MANAGER ANDREW F. JUDD

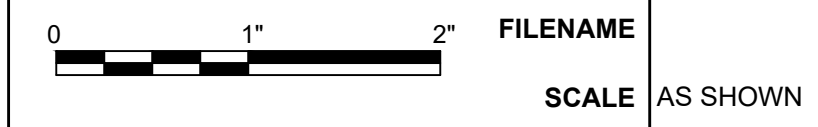
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

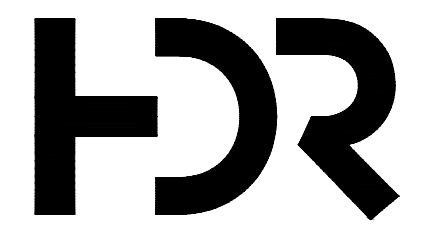
SITE MATERIALS ENLARGEMENT PLAN LANDING



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L212



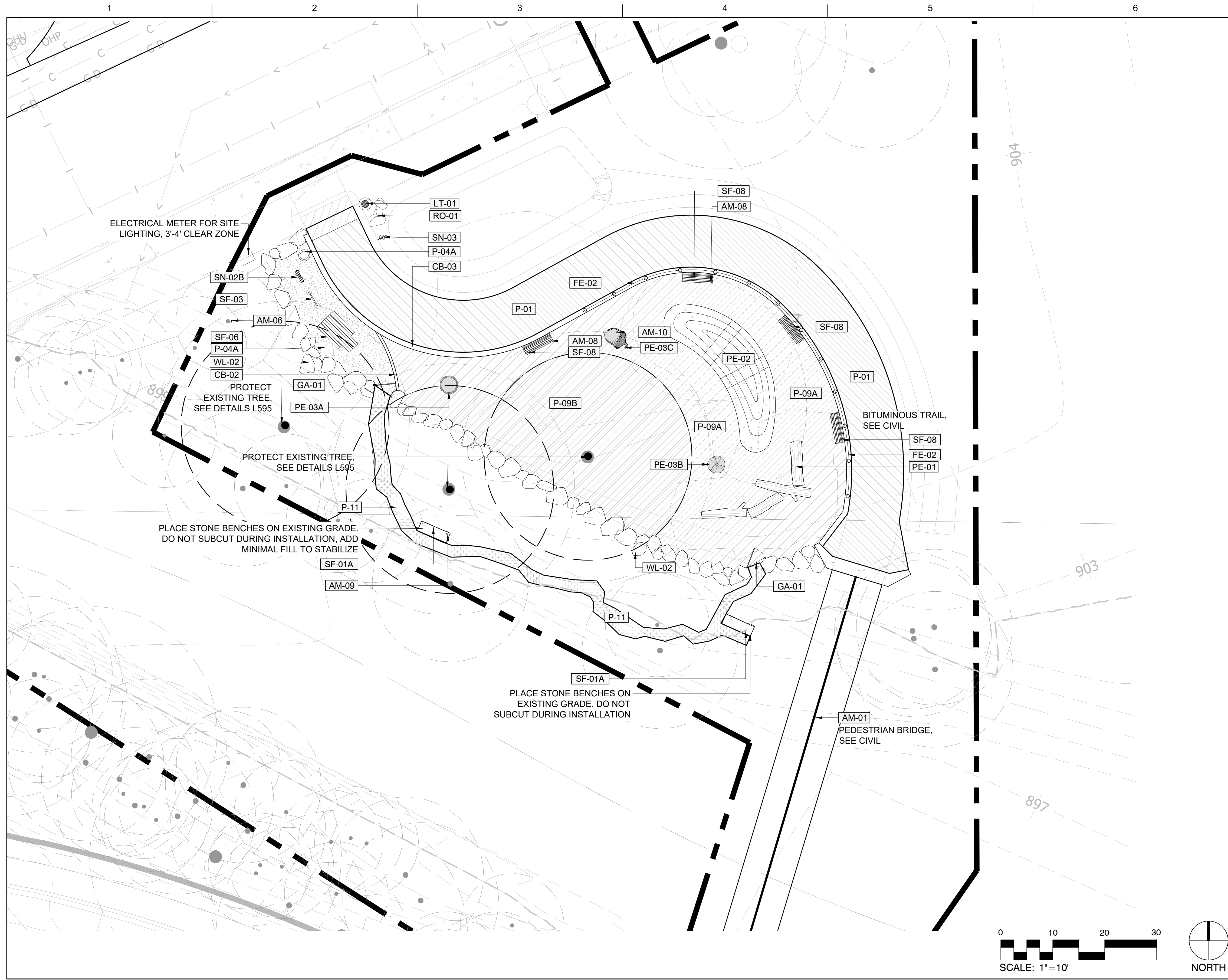
MINNEHAHA CREEK WATERSHED DISTRICT



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Minneapolis, MN 55401 p. 612.332.7522

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PROJECT NUMBER 10268112



LEGEND - SITE MATERIALS ENLARGEMENT PLAN NATURAL PLAY

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-01	AMENITY TYPE 01 - PEDESTRIAN BRIDGE	102 LF	
AM-06	AMENITY TYPE 06 - BLUEBIRD HOUSE	1	2/L582
AM-08	AMENITY TYPE 08 - WOOD ENGRAVING	2	2/L583
AM-09	AMENITY TYPE 09 - STONE ENGRAVING	1	3/L583
AM-10	AMENITY TYPE 10 - CONCRETE ENGRAVING	1	1/L584
CODE	CURB DESCRIPTION	QTY	DETAIL
CB-02	CURB TYPE 02 - 8" CIP CONCRETE RIBBON CURB	12 LF	2/L510
CB-03	CURB TYPE 03 - 12" CIP CONCRETE PLAY AREA CURB	158 LF	3/L510
CODE	FENCE & GUARDRAIL DESCRIPTION	QTY	DETAIL
FE-02	FENCE TYPE 02 - WOOD POST & ROPE FENCE	82 LF	1/L552
CODE	GATE DESCRIPTION	QTY	DETAIL
GA-01	GATE TYPE 01 - PLAY AREA TIMBER GATE	2	2/L552
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	1	2/L584
CODE	PAVING DESCRIPTION	QTY	DETAIL
P-01	PAVING TYPE 01 - BITUMINOUS PAVING (SEE CIVIL)	1,653 SF	
P-04A	PAVING TYPE 04A - CRUSHED STONE SURFACING	260 SF	4/L501
P-09A	PAVING TYPE 09A - WOOD FIBER SURFACING (EWF)	1,717 SF	1/L501
P-09B	PAVING TYPE 09B - WOOD FIBER SURFACING (EWF)	1,057 SF	2/L501
P-11	PAVING TYPE 11 - HARDWOOD MULCH PATH	2.61 CY	3/L502
CODE	PLAY EQUIPMENT DESCRIPTION	QTY	DETAIL
PE-01	PLAY EQUIPMENT TYPE 01 - LOG STACK	1	1/L585
PE-02	PLAY EQUIPMENT TYPE 02 - PLAY MOUND	278 SF	2/L586
PE-03A	PLAY EQUIPMENT TYPE 03A - PRECAST CONCRETE ACORN TOP	1	1/L587
PE-03B	PLAY EQUIPMENT TYPE 03B - PRECAST CONCRETE ACORN NUT	1	1/L587
PE-03C	PLAY EQUIPMENT TYPE 03C - PRECAST CONCRETE ACORN	1	1/L587
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	3	3/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-03	SITE FURNITURE TYPE 03 - ROLLING BIKE RACK	1	4/L562
SF-06	SITE FURNITURE TYPE 06 - PICNIC TABLE	1	1/L561
SF-07	SITE FURNITURE TYPE 07 - WASTE RECEPTACLE	1	2/L562
SF-08	SITE FURNITURE TYPE 08 - BACKED BENCH	4	1/L563
SF-09A	SITE FURNITURE TYPE 09A - LIMESTONE BLOCK ON AGGREGATE SPLIT FACE	2	1/L564
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-02B	SIGN TYPE 02B - WAYFINDING KIOSK	1	2/L570
SN-03	SIGN TYPE 03 - STOP SIGN	1	2/L575
CODE	WALL DESCRIPTION	QTY	DETAIL
WL-02	WALL TYPE 02 - LIMESTONE SEATWALL @ PLAY AREA	130 LF	2/L520



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

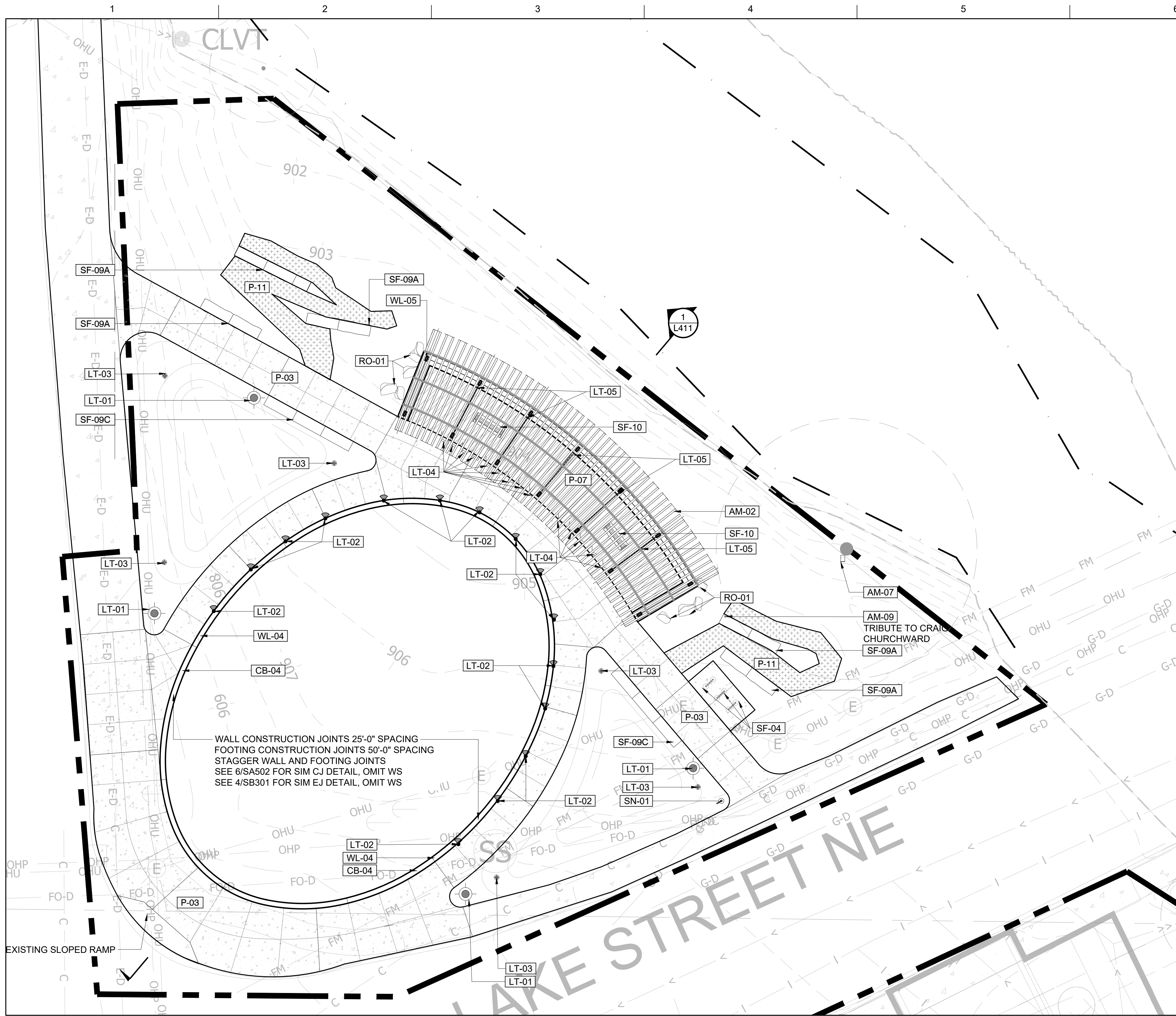
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS ENLARGEMENT PLAN NATURAL PLAY

0 1" 2" SCALE AS SHOWN

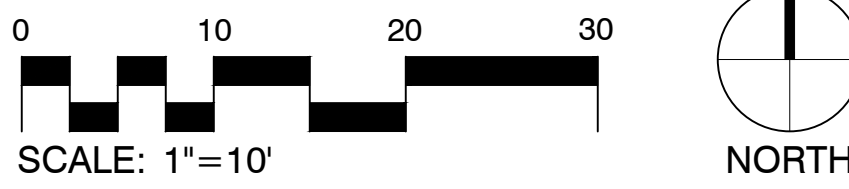
FILENAME SHEET L213



LEGEND - SITE MATERIALS ENLARGEMENT PLAN GATEWAY PLAZA

CODE	AMENITY DESCRIPTION	QTY	DETAIL
AM-02	AMENITY TYPE 02 - PERGOLA	1	2/L542
AM-07	AMENITY TYPE 07 - WOOD DUCK BOX	1	3/L582
AM-09	AMENITY TYPE 09 - STONE ENGRAVING	1	3/L583
CODE	CURB DESCRIPTION	QTY	DETAIL
CB-04	CURB TYPE 04 - 12" CIP CONCRETE PLANTER CURB	91 LF	4/L510
CODE	LIGHTING DESCRIPTION	QTY	DETAIL
LT-01	LIGHT TYPE 01 - PEDESTRIAN SCALE POLE LIGHT	4	2/L584
LT-02	LIGHT TYPE 02 - WALL PACK	15	
LT-03	LIGHT TYPE 03 - TREE UPLIGHTS	6	
LT-04	LIGHT TYPE 04 - PERGOLA LETTERING UPLIGHTS	14	
LT-05	LIGHT TYPE 05 - PERGOLA DOWN LIGHT	50 LF	
CODE	ROCK DESCRIPTION	QTY	DETAIL
RO-01	ROCK TYPE 01 - LANDSCAPE BOULDER	9	3/L584
CODE	SITE FURNITURE DESCRIPTION	QTY	DETAIL
SF-04	SITE FURNITURE TYPE 04 - HOOP BIKE RACK	3	5/L562
SF-09A	SITE FURNITURE TYPE 09A - LIMESTONE BLOCK ON AGGREGATE SPLIT FACE	10	1/L564
SF-09C	SITE FURNITURE TYPE 09C - LIMESTONE BLOCK ON AGGREGATE SAWN FACE	6	3/L560
SF-10	SITE FURNITURE TYPE 10 - SWING BENCH	2	2/L563
CODE	SIGNAGE DESCRIPTION	QTY	DETAIL
SN-01	SIGN TYPE 01 - DIRECTIONAL	1	1/L572
CODE	WALL DESCRIPTION	QTY	DETAIL
WL-04	WALL TYPE 04 - CIP CONCRETE WALL	140 LF	2/L521
WL-05	WALL TYPE 05 - CIP CONCRETE SEATWALL WITH STONE MASONRY VENEER	90 LF	1/L543
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
[Symbol]	PAVING TYPE 03 - CONCRETE PAVING	237 SF	1/L502
[Symbol]	PAVING TYPE 07 - DECORATIVE CONCRETE PAVING	654 SF	2/L543
[Symbol]	PAVING TYPE 12 - ENGRAVED GRANITE PAVERS	654 SF	4/L500
SYMBOL	PAVING DESCRIPTION	QTY	DETAIL
[Symbol]	PAVING TYPE 11 - HARDWOOD MULCH PATH	4.67 CY	3/L502

WALL CONSTRUCTION JOINTS 25'-0" SPACING
FOOTING CONSTRUCTION JOINTS 50'-0" SPACING
STAGGER WALL AND FOOTING JOINTS
SEE 6/SA502 FOR SIM CJ DETAIL, OMIT WS
SEE 4/SB301 FOR SIM EJ DETAIL, OMIT WS



PROJECT MANAGER ANDREW F. JUDD		
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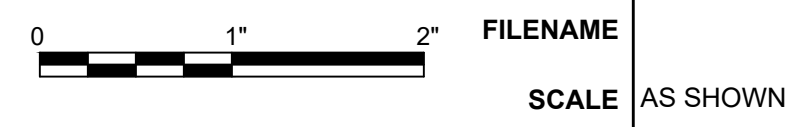
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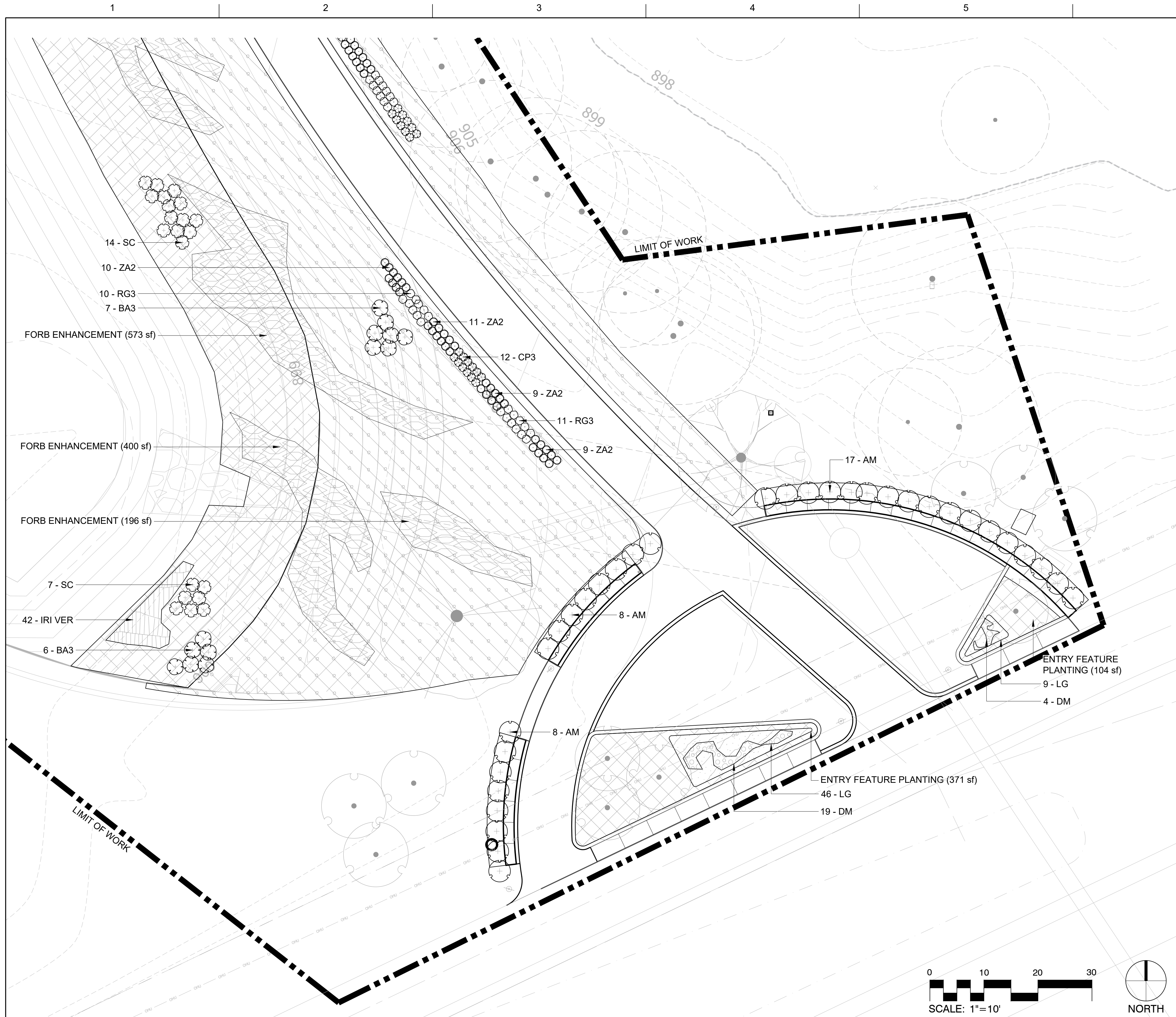
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE MATERIALS ENLARGEMENT PLAN GATEWAY PLAZA



SHEET
L214



LEGEND - PLANTING PLAN ENLARGEMENT TRAILHEAD

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AM	33	ARONIA MELANOCARPA 'MORTON' TM IROQUOIS BEAUTY BLACK CHOKEBERRY	#5
	BA3	13	BAPTISIA AUSTRALIS BLUE WILD INDIGO	#1
	CP3	24	COREOPSIS PALMATA STIFF TICKSEED	#2
	RG3	33	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#2
	SC	21	SILPHIUM PERFOLIATUM CUP PLANT	#1
	ZA2	51	ZIZIA AUREA GOLDEN ALEXANDER	#2

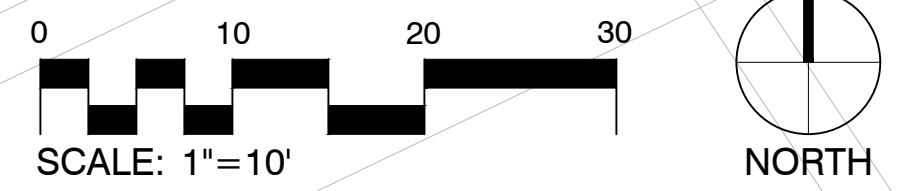
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	D2	1,169 SF	FORB ENHANCEMENT DRIFT 1	PLUG
	D3	180	DRIFT 2	PLUG
	D4	180	DRIFT 3	PLUG

	AT	475 SF	ENTRY FEATURE PLANTING ASCLEPIAS TUBEROSA BUTTERFLY MILKWEED	1 GAL
	SL	50		
	SL	72	SCHIZACHYRIUM SCOPARIUM LITTLE BLUESTEM	1 GAL

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
		3,208 SF	SEED MIX - WET MEADOW	
		3,208 SF	-	
		5,476 SF	SEED MIX - MESIC PRAIRIE	
		5,476 SF	-	
	DM	23	DODECATHEON MEADIA SHOOTING STAR	PLUG
	IRI VER	42	IRIS VERSICOLOR BLUE FLAG	PLUG
	LG	55	LIATRIS PYCNOSTACHYA GAYFEATHER	1 GAL

GENERAL PLANTING NOTES

- REFER TO SOILS PLAN FOR SOIL PREPARATION & LOCATIONS
- AREAS DISTURBED BY CONSTRUCTION ARE TO BE SEEDED & RESTORED UNLESS NOTED OTHERWISE. PROVIDE WOODLAND SEED MIX IN WOODLAND/ RIPARIAN ZONES; MESIC PRAIRIE SEED IN UPLAND/ FULL ZONES.



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

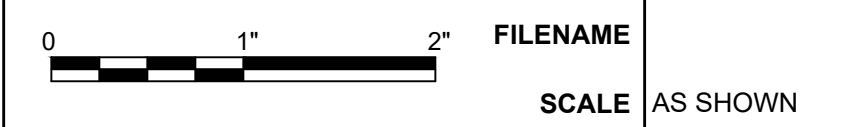
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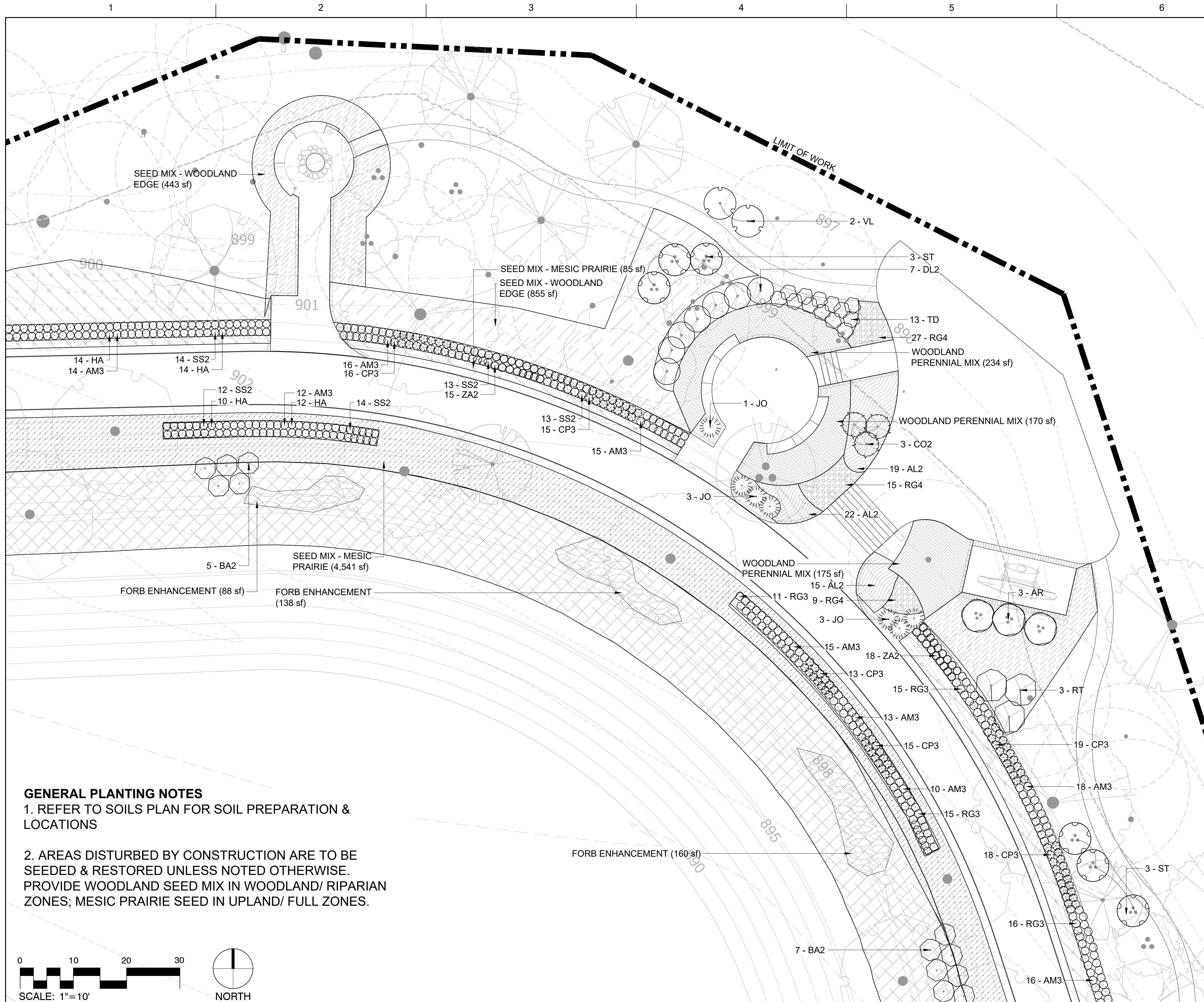
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

UNDERSTORY PLANTING PLAN ENLARGEMENT TRAILHEAD

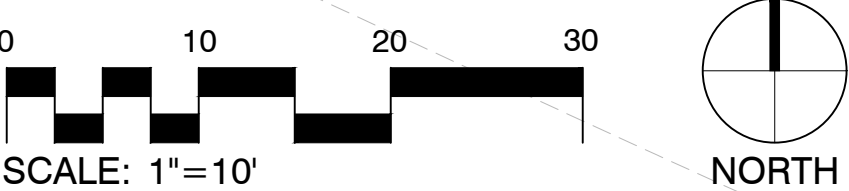


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L240



GENERAL PLANTING NOTES

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LEGEND - PLANTING PLAN ENLARGEMENT LANDING

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AM3	135	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	#2
	AR	3	AMELANCHIER ALNIFOLIA 'REGENT' REGENT SERVICEBERRY	#10
	BA2	12	BAPTISIA ALBA WHITE WILD INDIGO	#1
	CO2	3	CEPHALANTHUS OCCIDENTALIS BUTTONBUSH	#5
	CP3	96	COREOPSIS PALMATA STIFF TICKSEED	#2
	DL2	7	DIERVILLA LONICERA DWARF BUSH HONEYSUCKLE	#2
	HA	50	HELENIUM AUTUMNALE SALUD YELLOW SNEEZEWEED	#2
	JO	7	JUNIPERUS VIRGINIANA 'GREY OWL' GREY OWL JUNIPER	#5
	RT	3	RHUS TYPHINA STAGHORN SUMAC	#5
	RG3	57	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#2
	SS2	80	SOLIDAGO SPECIOSA 'LITTLE MELON' SHOWY GOLDENROD	#2
	ST	6	STAPHYLEA TRIFOLIA AMERICAN BLADDERNUT	#5
	TD	13	THALICTRUM DIOICUM EARLY MEADOW RUE	#2
	VL	2	VIBURNUM LENTAGO NANNYBERRY	#5
	ZA2	33	ZIZIA AUREA GOLDEN ALEXANDER	#2
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	D2	386 SF	FORB ENHANCEMENT	PLUG
	D3	60	DRIFT 1	PLUG
	D4	60	DRIFT 2	PLUG
	D4	60	DRIFT 3	PLUG
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
		48 SF	SEED MIX - WET MEADOW	
		1,621 SF	SEED MIX - WOODLAND EDGE	
		697 SF	SEED MIX - MESIC PRAIRIE	
	AC3	588 SF	WOODLAND PERENNIAL MIX AQUILEGIA CANADENSIS EASTERN COLUMBINE	1 GAL
	CP4	16	CAREX PENNSYLVANICA PENNSYLVANIA SEDGE	1 GAL
	GM	46	GERANIUM MACULATUM SPOTTED GERANIUM	1 GAL
	MR	23	MAIANTHEMUM RACEMOSUM FALSE SOLOMON'S SEAL	1 GAL
	MS	46	MATTEUCCIA STRUTHIOPTERIS OSTRICH FERN	1 GAL
	AL2	63	ARONIA MELANOCARPA 'UCONNAM165' LOW SCAPE MOUND® BLACK CHOKEBERRY	1 GAL
	RG4	37	RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	1 GAL

PROJECT MANAGER ANDREW F. JUDD

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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

UNDERSTORY PLANTING PLAN ENLARGEMENT LANDING



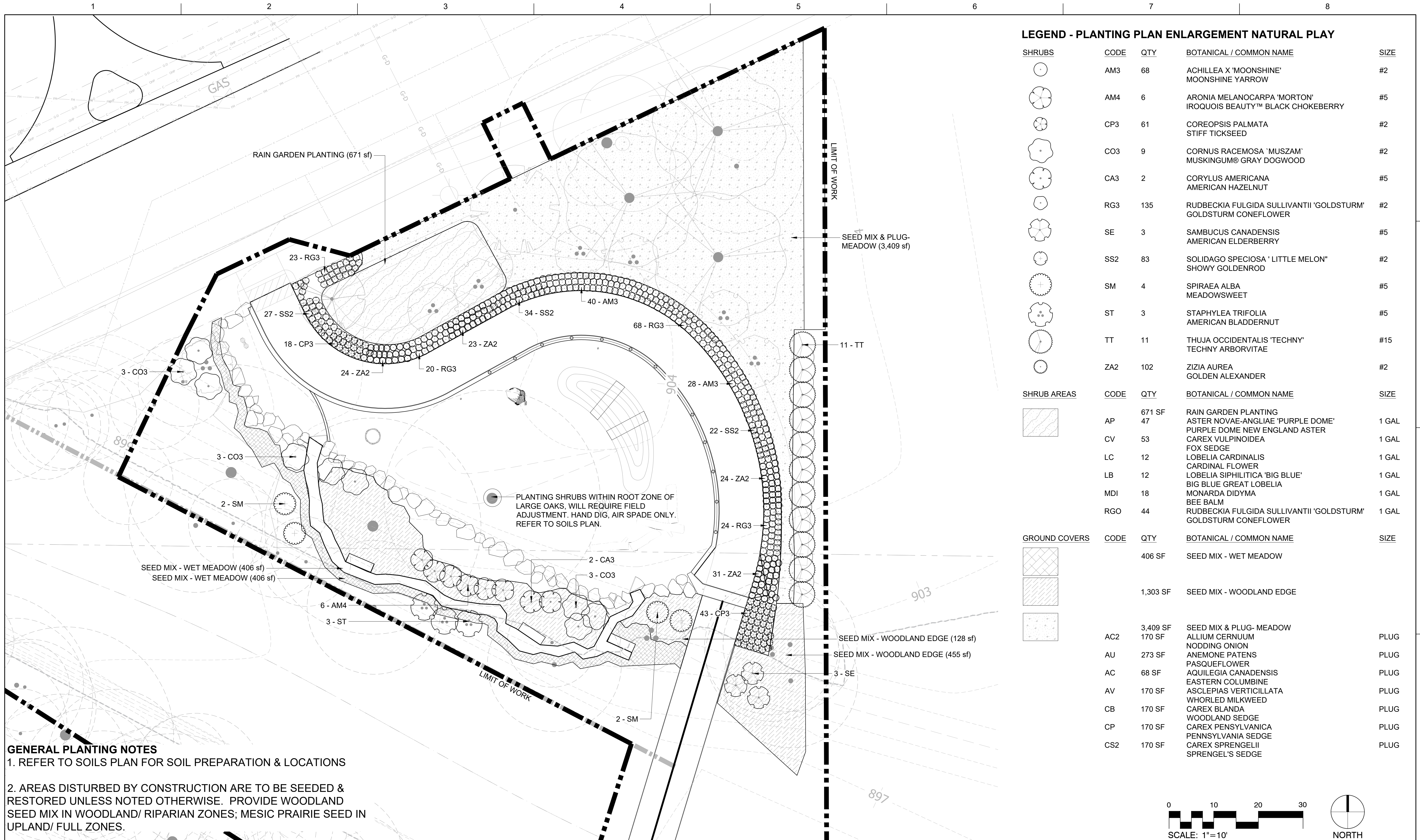
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SCALE AS SHOWN

SHEET
L241



ISSUE	DATE	DESCRIPTION
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B	09/14/2022	90% DESIGN
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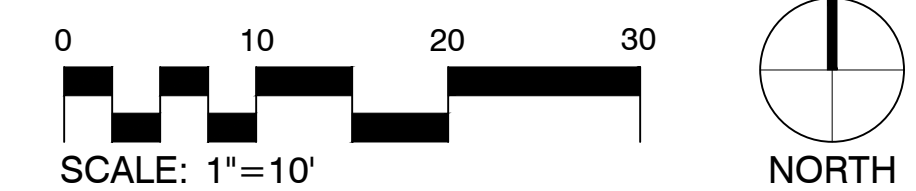
PROJECT NUMBER 10268112



LEGEND - PLANTING PLAN ENLARGEMENT NATURAL PLAY

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AM3	68	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	#2
	AM4	6	ARONIA MELANOCARPA 'MORTON' IROQUOIS BEAUTY™ BLACK CHOKEBERRY	#5
	CP3	61	COREOPSIS PALMATA STIFF TICKSEED	#2
	CO3	9	CORNUS RACEMOSA 'MUSZAM' MUSKINGUM® GRAY DOGWOOD	#2
	CA3	2	CORYLUS AMERICANA AMERICAN HAZELNUT	#5
	RG3	135	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#2
	SE	3	SAMBUCUS CANADENSIS AMERICAN ELDERBERRY	#5
	SS2	83	SOLIDAGO SPECIOSA 'LITTLE MELON' SHOWY GOLDENROD	#2
	SM	4	SPIRAEA ALBA MEADOWSWEET	#5
	ST	3	STAPHYLEA TRIFOLIA AMERICAN BLADDERNUT	#5
	TT	11	THUJA OCCIDENTALIS 'TECHNY' TECHNY ARBORVITAE	#15
	ZA2	102	ZIZIA AUREA GOLDEN ALEXANDER	#2
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AP	671 SF	RAIN GARDEN PLANTING	
	CV	47	ASTER NOVAE-ANGLIAE 'PURPLE DOME' PURPLE DOME NEW ENGLAND ASTER	1 GAL
	LC	53	CAREX VULPINOIDEA FOX SEDGE	1 GAL
	LB	12	LOBELIA CARDINALIS CARDINAL FLOWER	1 GAL
	MDI	12	LOBELIA SIPHILITICA 'BIG BLUE' BIG BLUE GREAT LOBELIA	1 GAL
	RGO	18	MONARDA DIDYMA BEE BALM	1 GAL
	RGO	44	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	1 GAL
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
		406 SF	SEED MIX - WET MEADOW	
		1,303 SF	SEED MIX - WOODLAND EDGE	
	AC2	3,409 SF 170 SF	SEED MIX & PLUG- MEADOW ALLIUM CERNUUM NODDING ONION	PLUG
	AU	273 SF	ANEMONE PATENS PASQUEFLOWER	PLUG
	AC	68 SF	AQUILEGIA CANADENSIS EASTERN COLUMBINE	PLUG
	AV	170 SF	ASCLEPIAS VERTICILLATA WHORLED MILKWEED	PLUG
	CB	170 SF	CAREX BLANDA WOODLAND SEDGE	PLUG
	CP	170 SF	CAREX PENNSYLVANICA PENNSYLVANIA SEDGE	PLUG
	CS2	170 SF	CAREX SPRENGELII SPRENGEL'S SEDGE	PLUG

GENERAL PLANTING NOTES
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PROJECT MANAGER ANDREW F. JUDD
 PROJECT NUMBER 10268112

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 THOMAS J WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

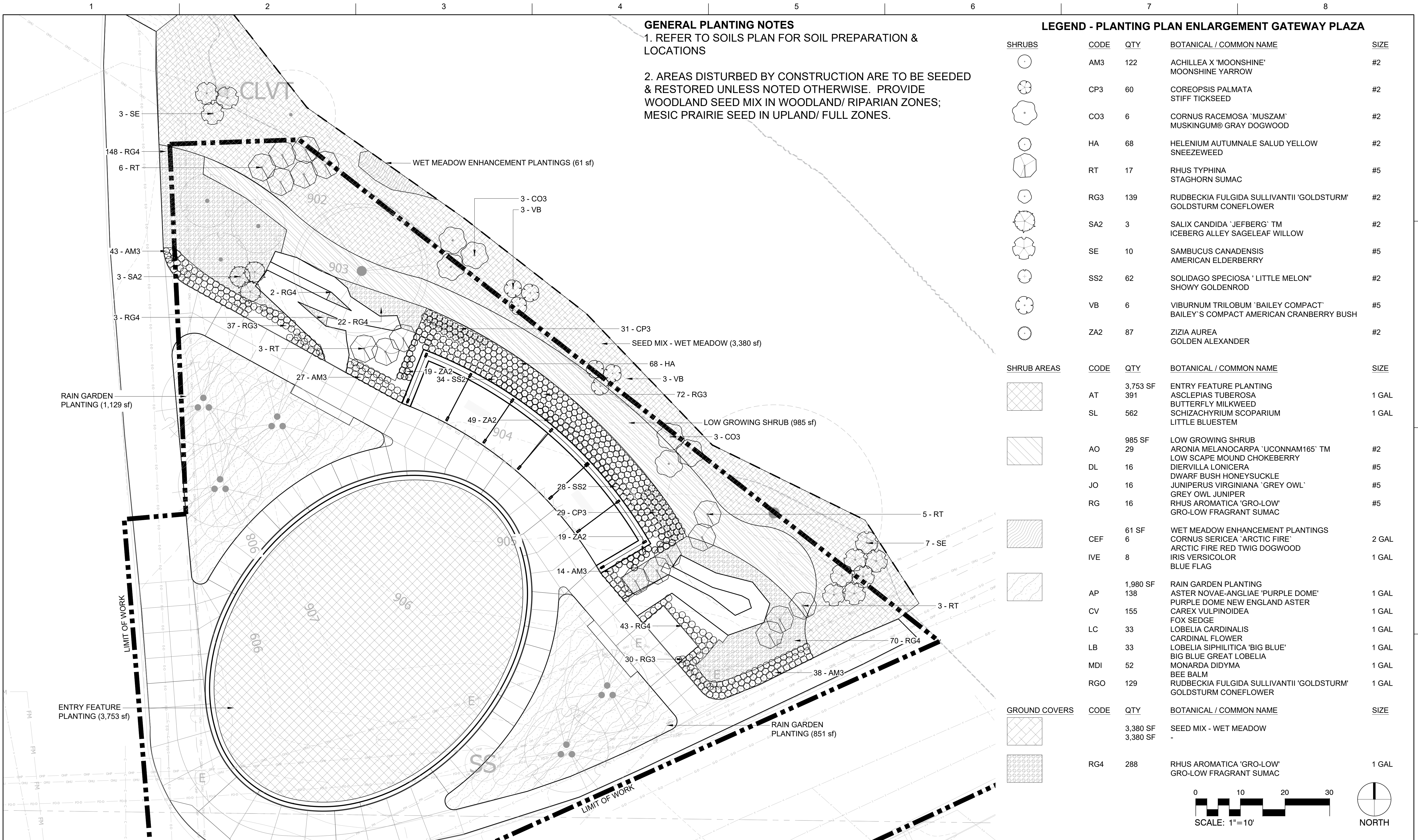
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

UNDERSTORY PLANTING PLAN ENLARGEMENT NATURAL PLAY

SCALE AS SHOWN

FILENAME

SHEET **L242**



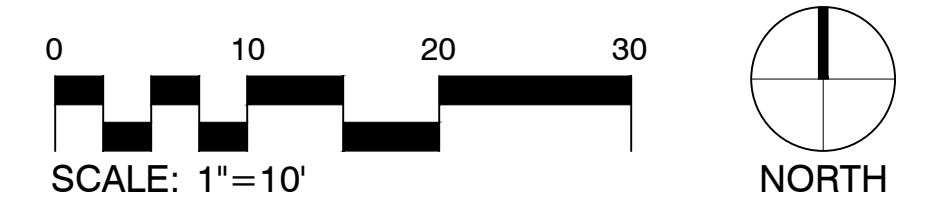
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LEGEND - PLANTING PLAN ENLARGEMENT GATEWAY PLAZA

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AM3	122	ACHILLEA X 'MOONSHINE' MOONSHINE YARROW	#2
	CP3	60	COREOPSIS PALMATATA STIFF TICKSEED	#2
	CO3	6	CORNUS RACEMOSA 'MUSZAM' MUSKINGUM® GRAY DOGWOOD	#2
	HA	68	HELIUM AUTUMNALE SALUD YELLOW SNEEZEWEED	#2
	RT	17	RHUS TYPHINA STAGHORN SUMAC	#5
	RG3	139	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#2
	SA2	3	SALIX CANDIDA 'JEFFBERG'™ ICEBERG ALLEY SAGELEAF WILLOW	#2
	SE	10	SAMBUCUS CANADENSIS AMERICAN ELDERBERRY	#5
	SS2	62	SOLIDAGO SPECIOSA 'LITTLE MELON' SHOWY GOLDENROD	#2
	VB	6	VIBURNUM TRILOBUM 'BAILEY COMPACT' BAILEY'S COMPACT AMERICAN CRANBERRY BUSH	#5
	ZA2	87	ZIZIA AUREA GOLDEN ALEXANDER	#2

SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	AT	3,753 SF	ENTRY FEATURE PLANTING ASCLEPIAS TUBEROSA BUTTERFLY MILKWEED SCHIZACHYRIUM SCOPARIUM LITTLE BLUESTEM	1 GAL
	SL	562	LOW GROWING SHRUB ARONIA MELANOCARPA 'UCONNAM165'™ LOW SCAPE MOUND CHOKEBERRY DIERVILLA LONICERA DWARF BUSH HONEYSUCKLE JUNIPERUS VIRGINIANA 'GREY OWL' GREY OWL JUNIPER RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	1 GAL
	AO	985 SF	WET MEADOW ENHANCEMENT PLANTINGS CORNUS SERICEA 'ARCTIC FIRE' ARCTIC FIRE RED TWIG DOGWOOD IRIS VERSICOLOR BLUE FLAG	#2
	DL	29	RAIN GARDEN PLANTING ASTER NOVAE-ANGLIAE 'PURPLE DOME' PURPLE DOME NEW ENGLAND ASTER CAREX VULPINOIDEA FOX SEDGE LOBELIA CARDINALIS CARDINAL FLOWER LOBELIA SIPHILITICA 'BIG BLUE' BIG BLUE GREAT LOBELIA MONARDA DIDYMA BEE BALM RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' GOLDSTURM CONEFLOWER	#5
	JO	16	SEED MIX - WET MEADOW	#5
	RG	16	RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	#5
	CEV	61 SF	RAIN GARDEN PLANTING	2 GAL
	CEP	6	RAIN GARDEN PLANTING	1 GAL
	IVE	8	RAIN GARDEN PLANTING	1 GAL
	AP	1,980 SF	RAIN GARDEN PLANTING	1 GAL
	CV	155	RAIN GARDEN PLANTING	1 GAL
	LC	33	RAIN GARDEN PLANTING	1 GAL
	LB	33	RAIN GARDEN PLANTING	1 GAL
	MDI	52	RAIN GARDEN PLANTING	1 GAL
	RGO	129	RAIN GARDEN PLANTING	1 GAL

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
		3,380 SF	SEED MIX - WET MEADOW	
	RG4	288	RHUS AROMATICA 'GRO-LOW' GRO-LOW FRAGRANT SUMAC	1 GAL



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PROJECT NUMBER	10268112

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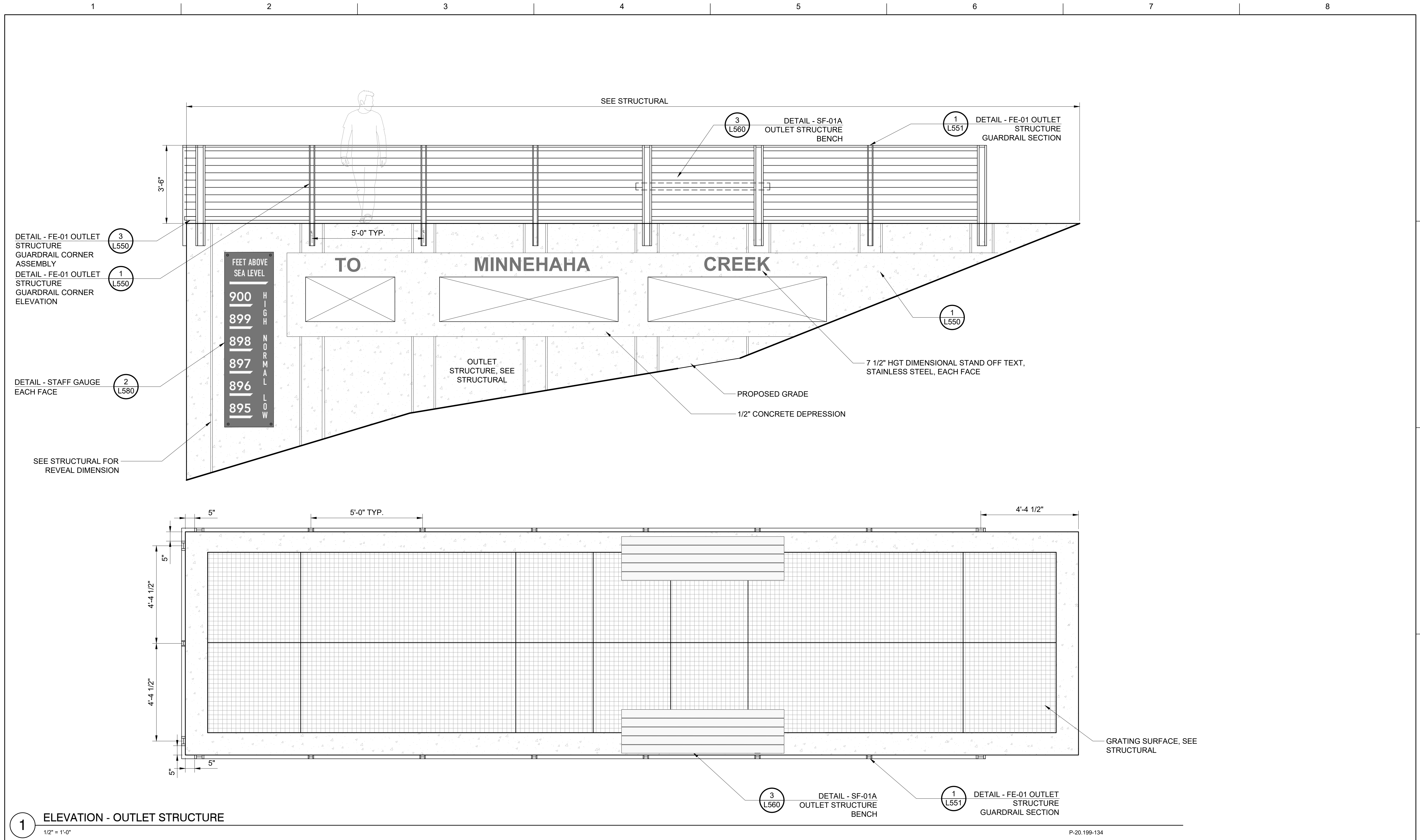
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

UNDERSTORY PLANTING PLAN ENLARGEMENT GATEWAY PLAZA

SCALE AS SHOWN

SHEET L243



1 ELEVATION - OUTLET STRUCTURE
1/2" = 1'-0"

P-20.199-134



ISSUE	DATE	DESCRIPTION
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PROJECT NUMBER	10268112
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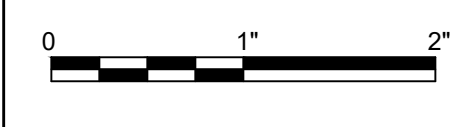
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

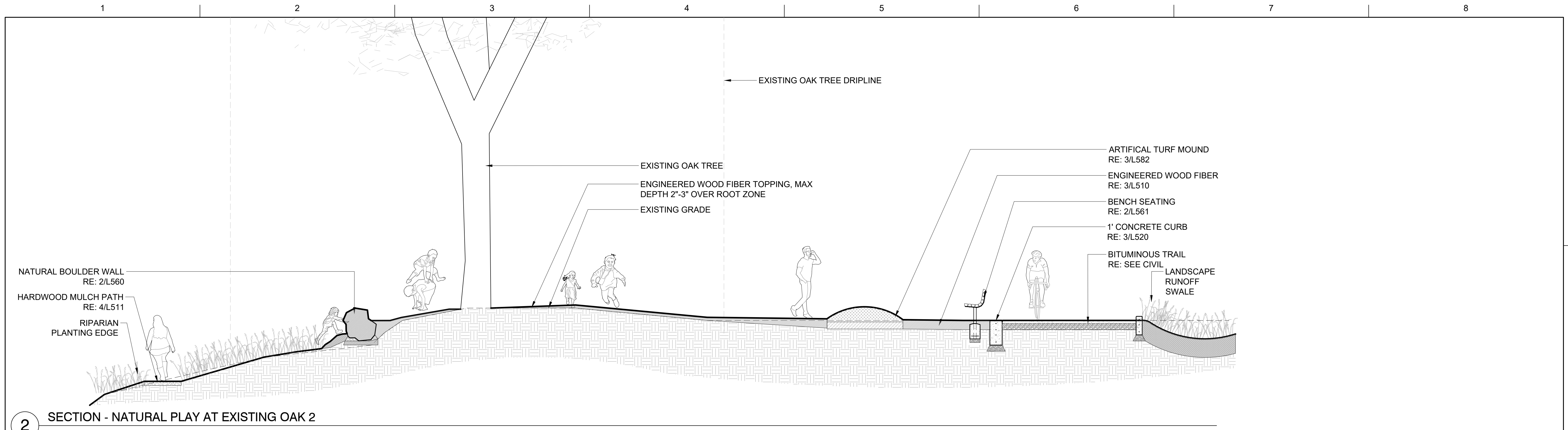
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE ELEVATION - OUTLET STRUCTURE



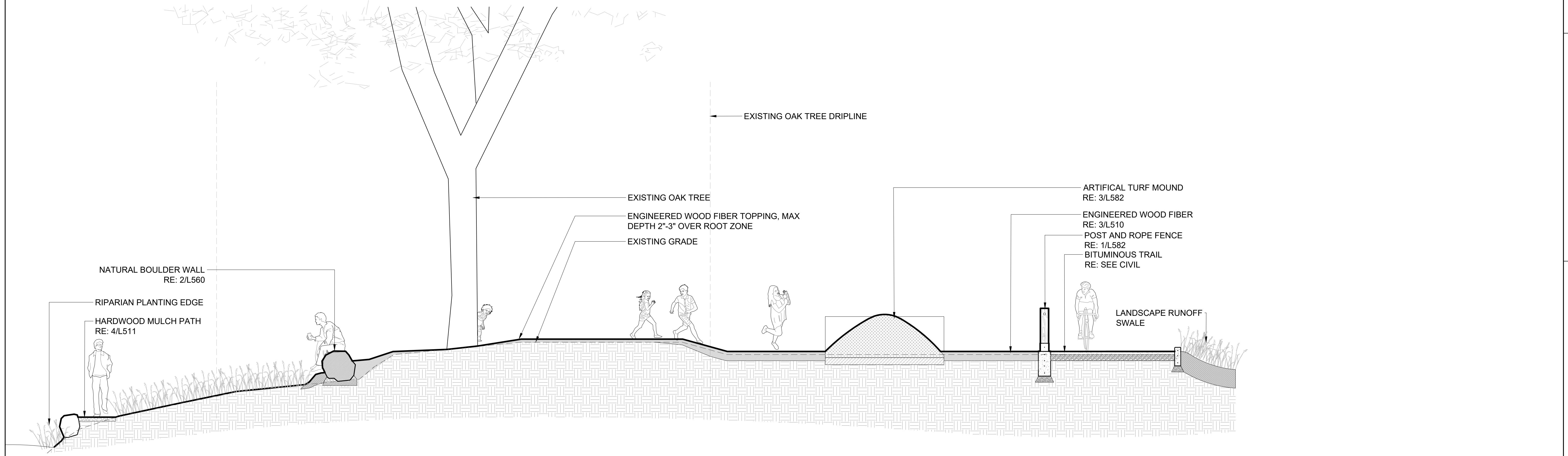
FILENAME
SCALE AS SHOWN

SHEET
L310



2 SECTION - NATURAL PLAY AT EXISTING OAK 2
1/4" = 1'-0"

P-20.199-137



1 SECTION - NATURAL PLAY AT EXISTING OAK
1/4" = 1'-0"

P-20.199-136



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

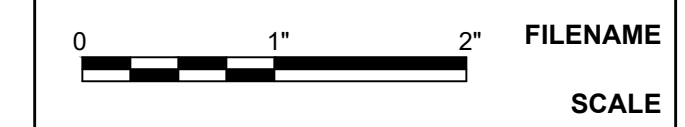
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

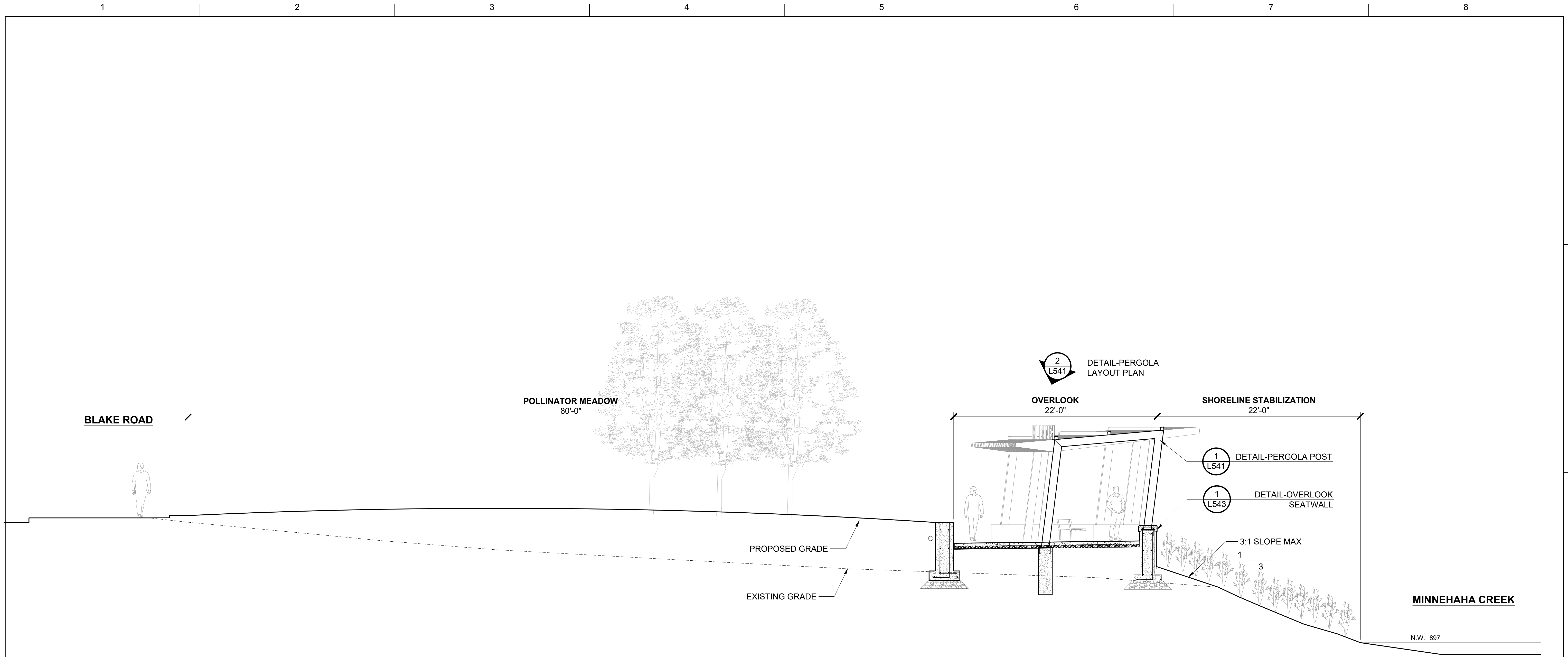
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE SECTION - NATURAL PLAY AT EXISTING OAK TREE



SHEET
L410



1 SECTION - GATEWAY OVERLOOK
3/16" = 1'-0"

P-20.199-164



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PROJECT NUMBER	10268112

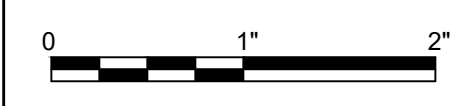
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

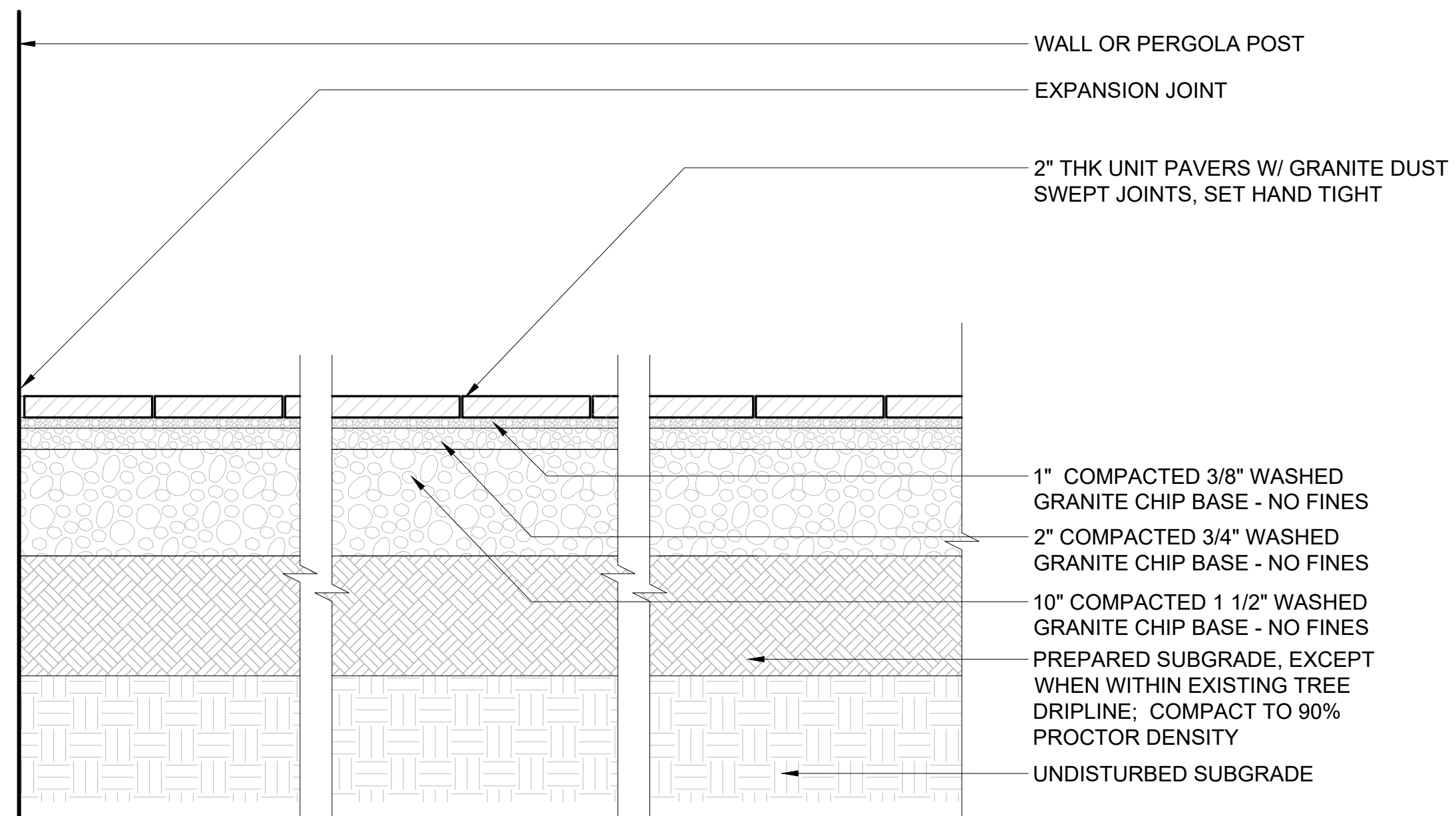
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

SITE SECTION - GATEWAY OVERLOOK

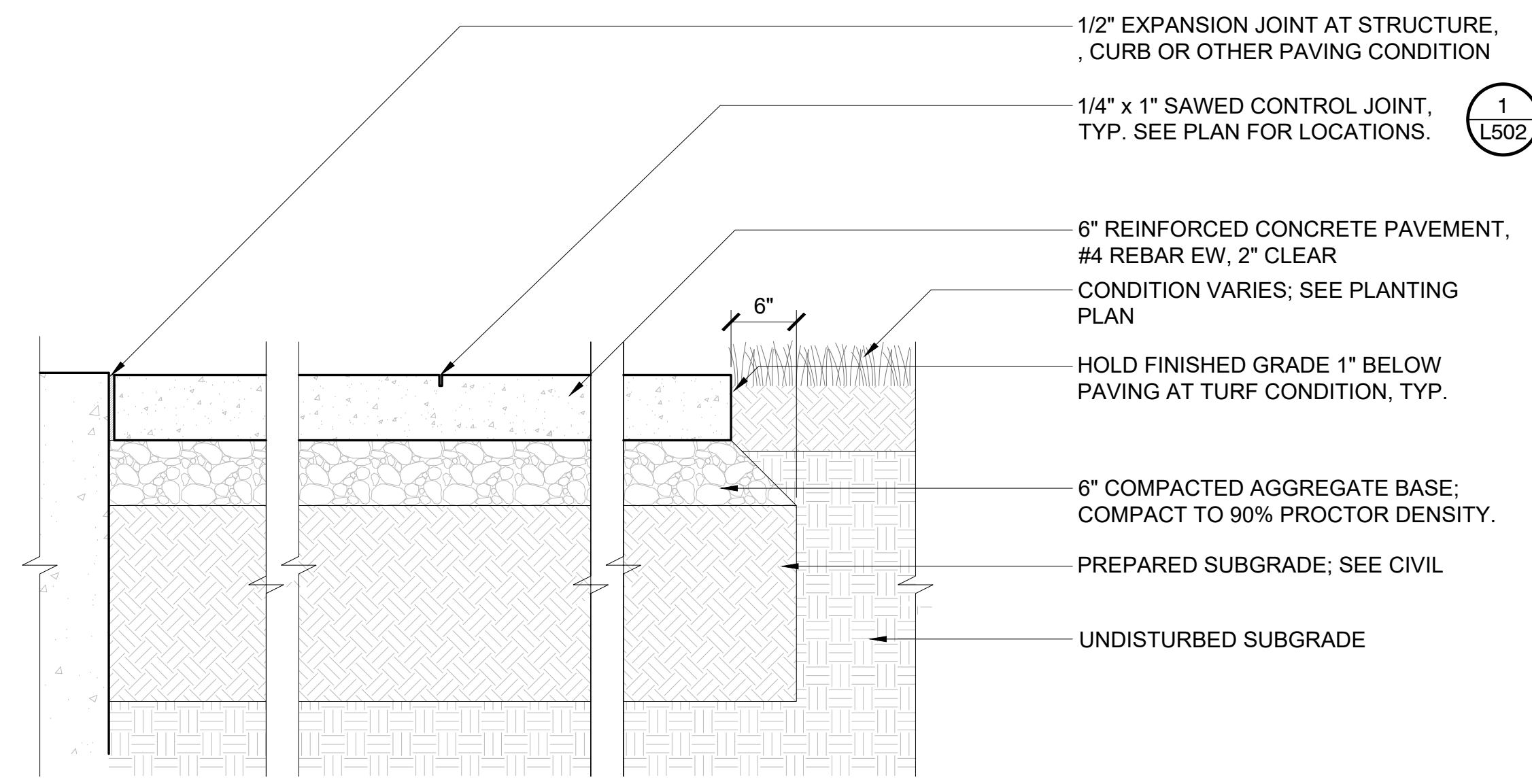


FILENAME
SCALE AS SHOWN

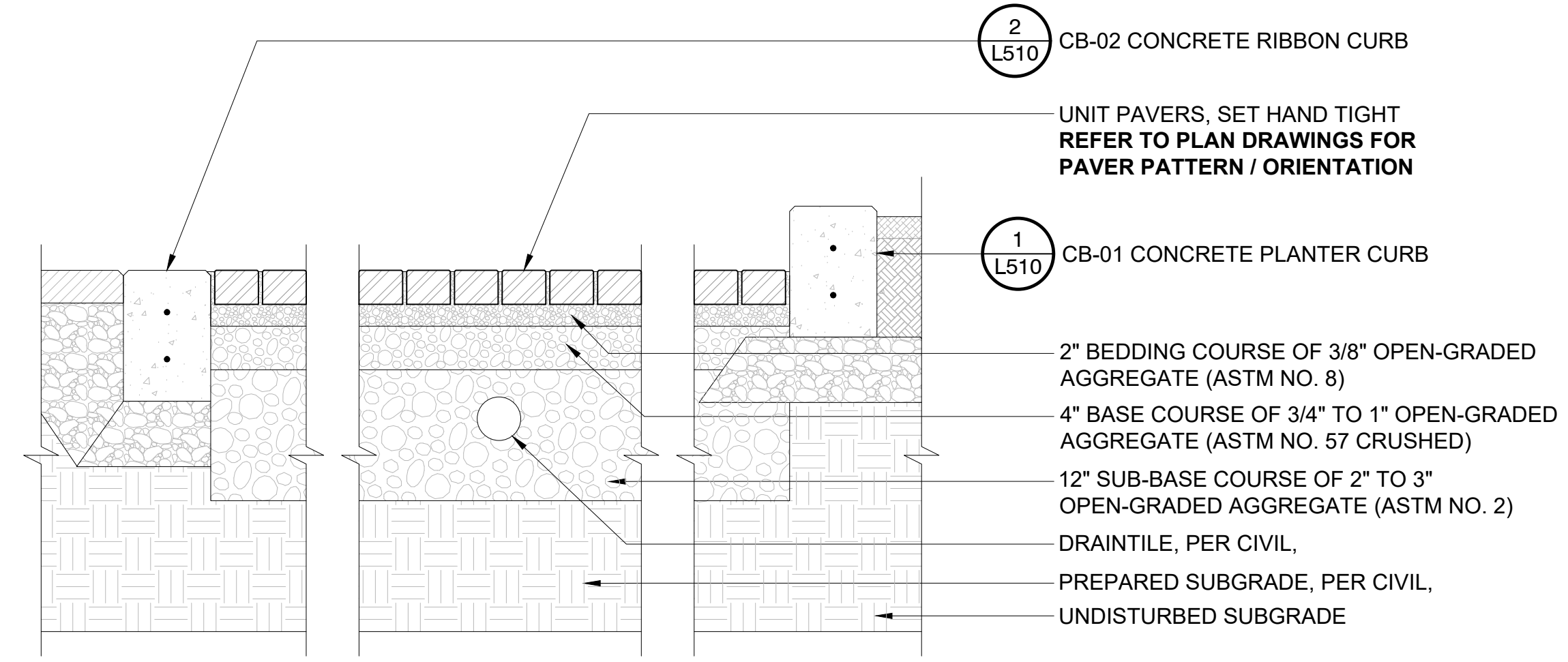
SHEET
L411



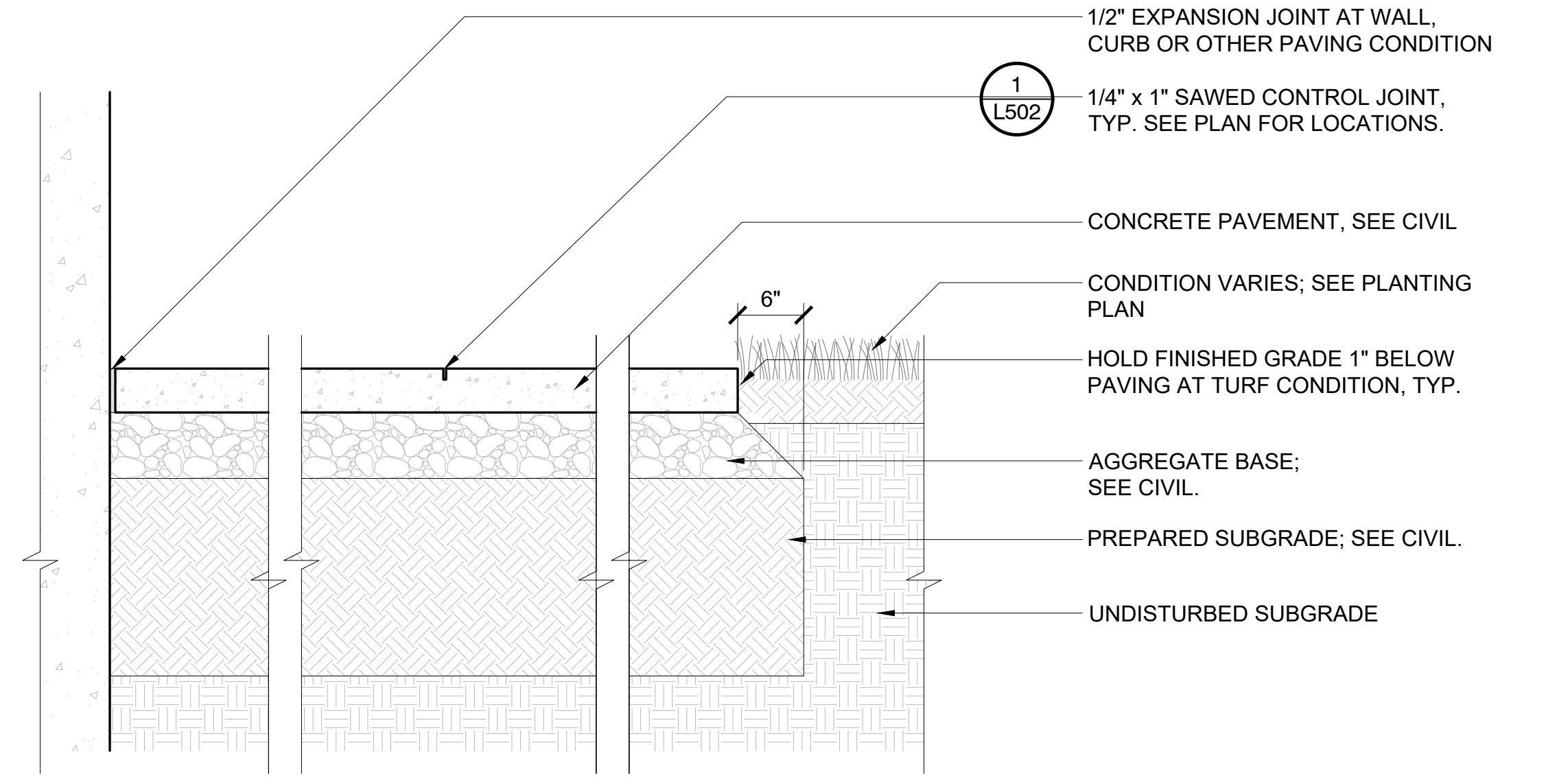
4 DETAIL - PAVING TYPE 12 - ENGRAVED GRANITE UNIT PAVERS
1" = 1'-0" P-20.199-200



2 DETAIL - PAVING TYPE 07 - 6" POURED DECORATIVE CONCRETE
1" = 1'-0" P-20.199-197



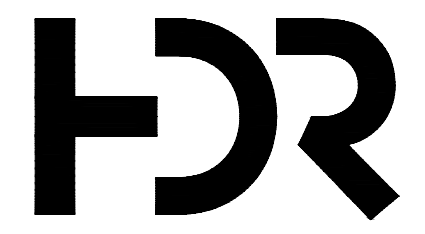
3 DETAIL - PAVING TYPE 02 - PERMEABLE UNIT PAVING
1" = 1'-0" P-20.199-203



1 DETAIL - PAVING TYPE 01 - CONCRETE PAVING
1" = 1'-0" P-20.199-206



MINNEHAHA CREEK
WATERSHED DISTRICT



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Minneapolis, MN 55401 p. 612.332.7522

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PROJECT NUMBER	10268112

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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

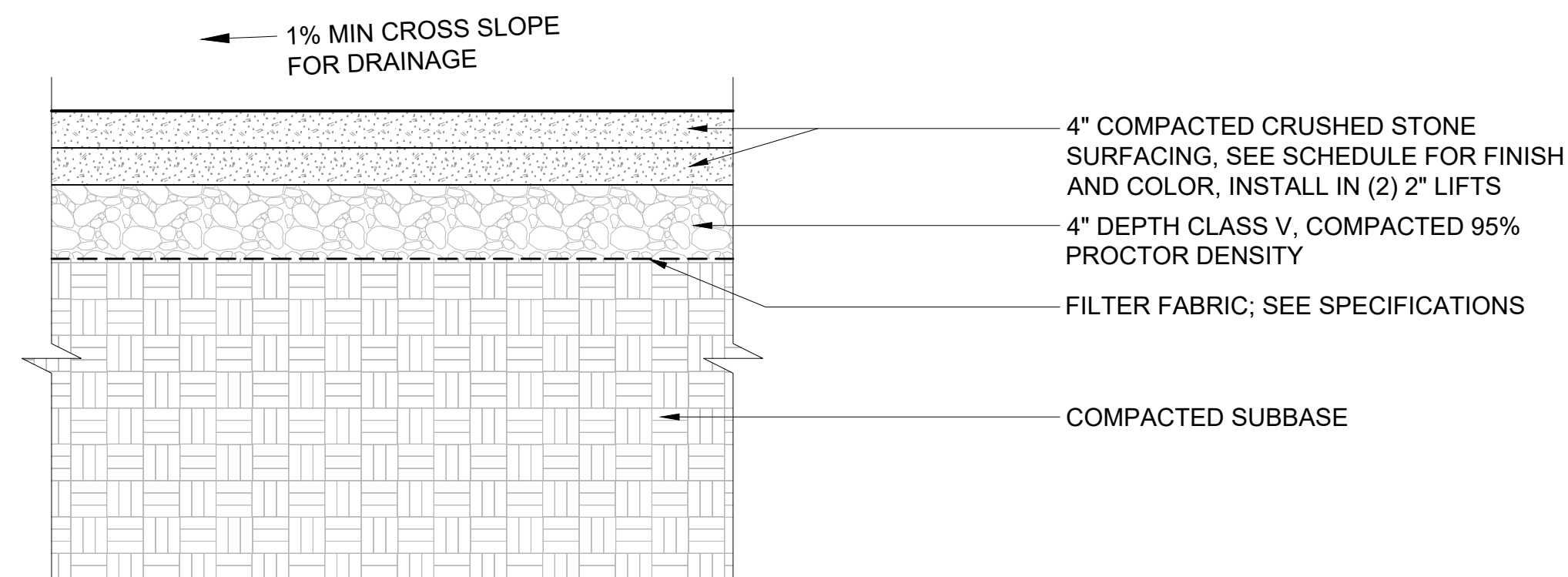
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PAVING

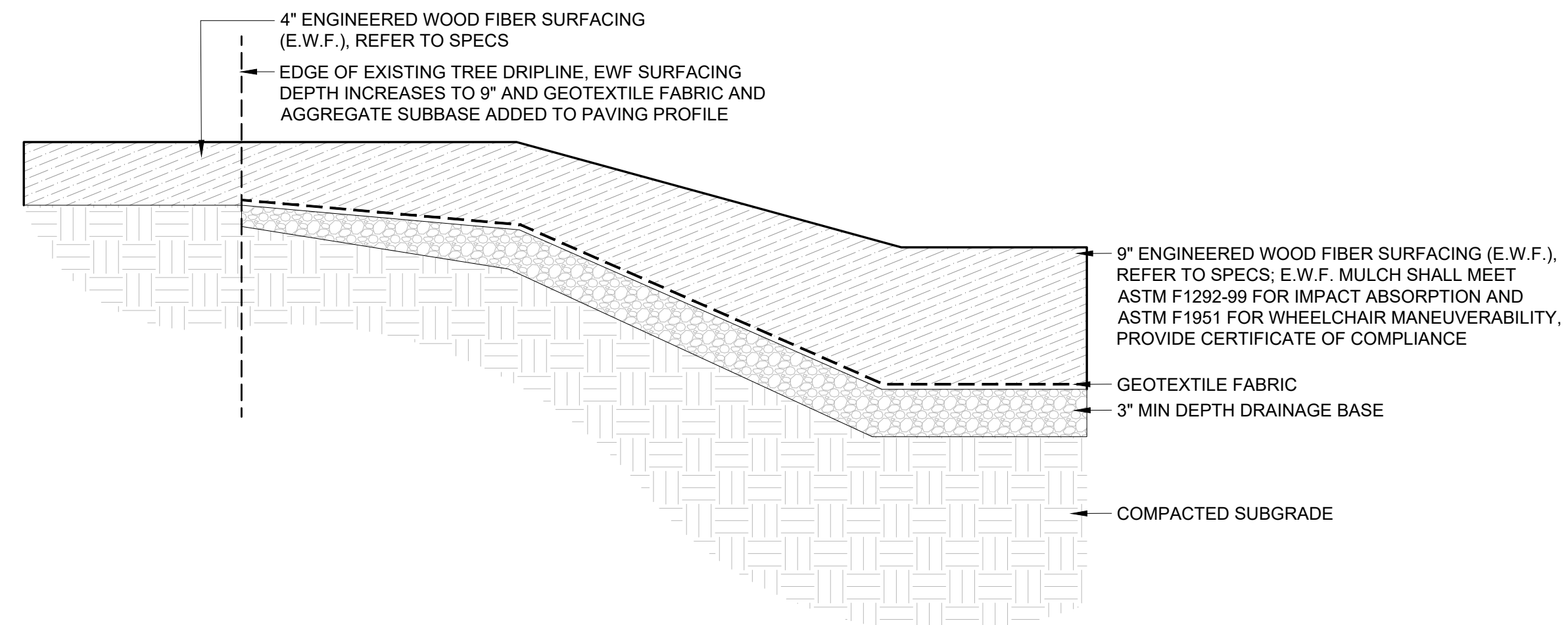


FILENAME
SCALE AS SHOWN

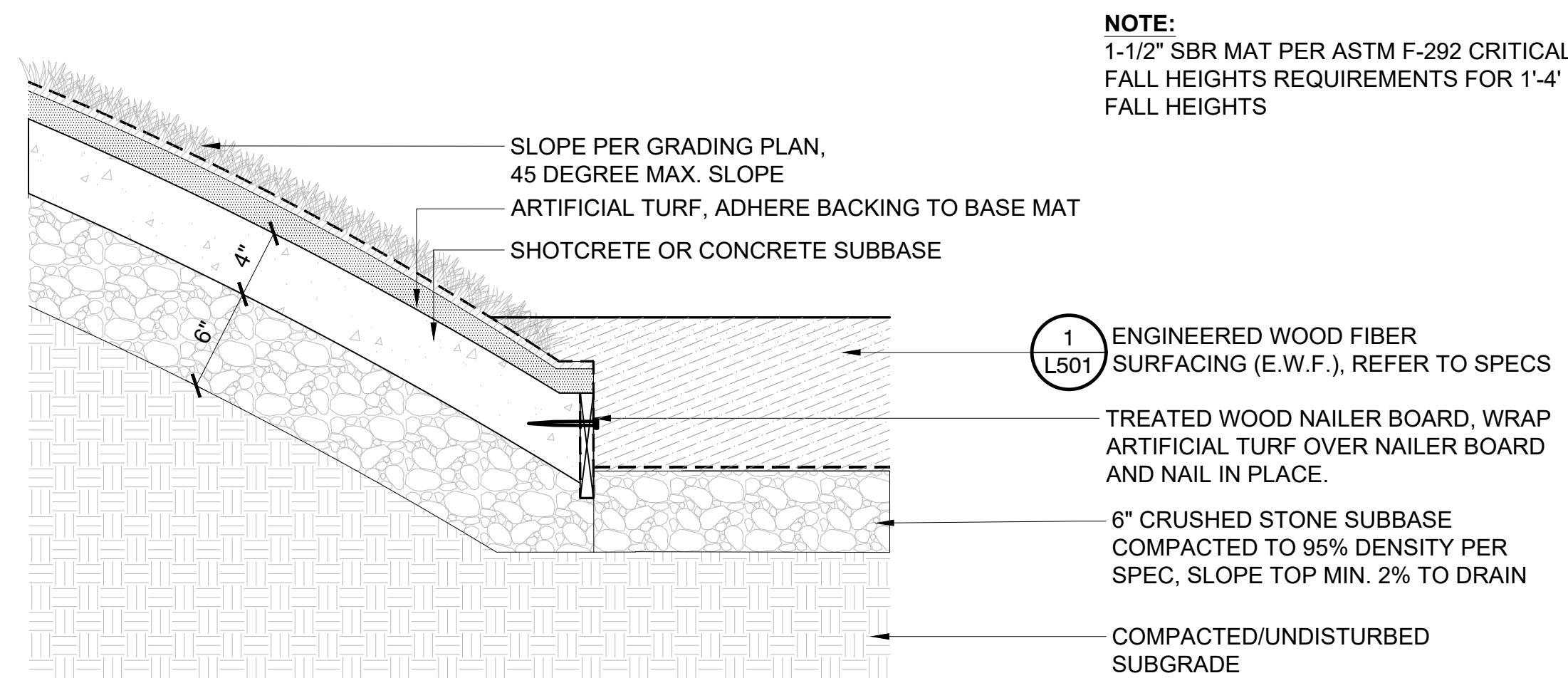
SHEET
L500



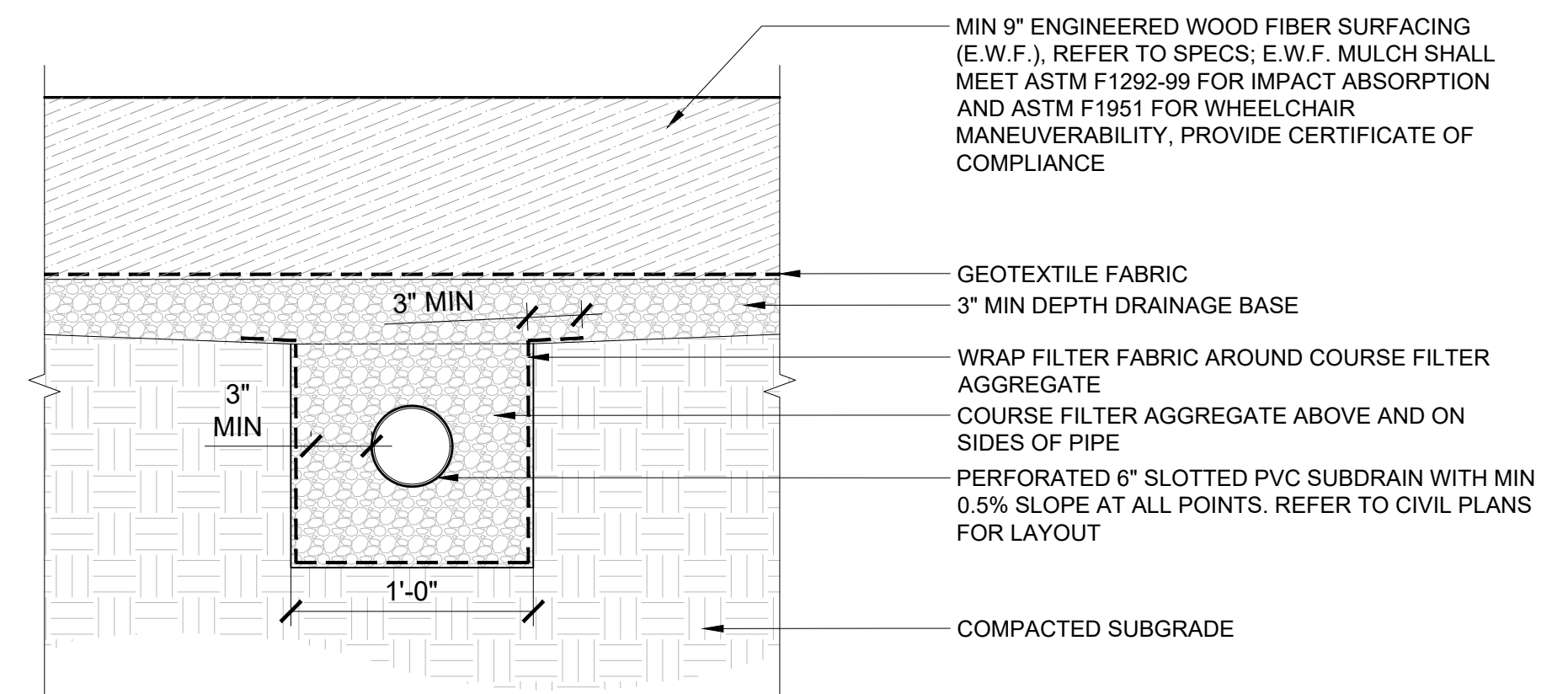
4 DETAIL - P-04A CRUSHED STONE SURFACING
 1 1/2" = 1'-0" P-20.199-127



2 DETAIL- PAVING TYPE 09B - ENGINEERED WOOD FIBER
 1 1/2" = 1'-0" P-20.199-233



3 TURF MOUND AT EWF PLAY AREA
 1 1/2" = 1'-0" P-20.199-67



1 DETAIL- PAVING TYPE 09A - ENGINEERED WOOD FIBER
 1 1/2" = 1'-0" P-20.199-149

NOTE:
 1-1/2" SBR MAT PER ASTM F-292 CRITICAL FALL HEIGHTS REQUIREMENTS FOR 1'-4" FALL HEIGHTS

1 L501 ENGINEERED WOOD FIBER SURFACING (E.W.F.), REFER TO SPECS

TREATED WOOD NAILER BOARD, WRAP ARTIFICIAL TURF OVER NAILER BOARD AND NAIL IN PLACE.

6" CRUSHED STONE SUBBASE COMPACTED TO 95% DENSITY PER SPEC, SLOPE TOP MIN. 2% TO DRAIN

COMPACTED/UNDISTURBED SUBGRADE

MIN 9" ENGINEERED WOOD FIBER SURFACING (E.W.F.), REFER TO SPECS; E.W.F. MULCH SHALL MEET ASTM F1292-99 FOR IMPACT ABSORPTION AND ASTM F1951 FOR WHEELCHAIR MANEUVERABILITY, PROVIDE CERTIFICATE OF COMPLIANCE

GEOTEXTILE FABRIC
 3" MIN DEPTH DRAINAGE BASE

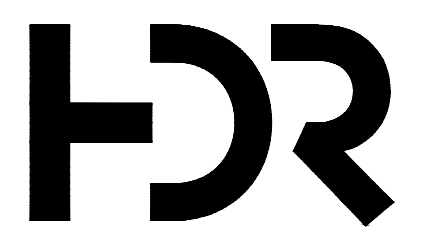
WRAP FILTER FABRIC AROUND COURSE FILTER AGGREGATE
 COURSE FILTER AGGREGATE ABOVE AND ON SIDES OF PIPE

PERFORATED 6" SLOTTED PVC SUBDRAIN WITH MIN 0.5% SLOPE AT ALL POINTS. REFER TO CIVIL PLANS FOR LAYOUT

COMPACTED SUBGRADE



MINNEHAHA CREEK WATERSHED DISTRICT



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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

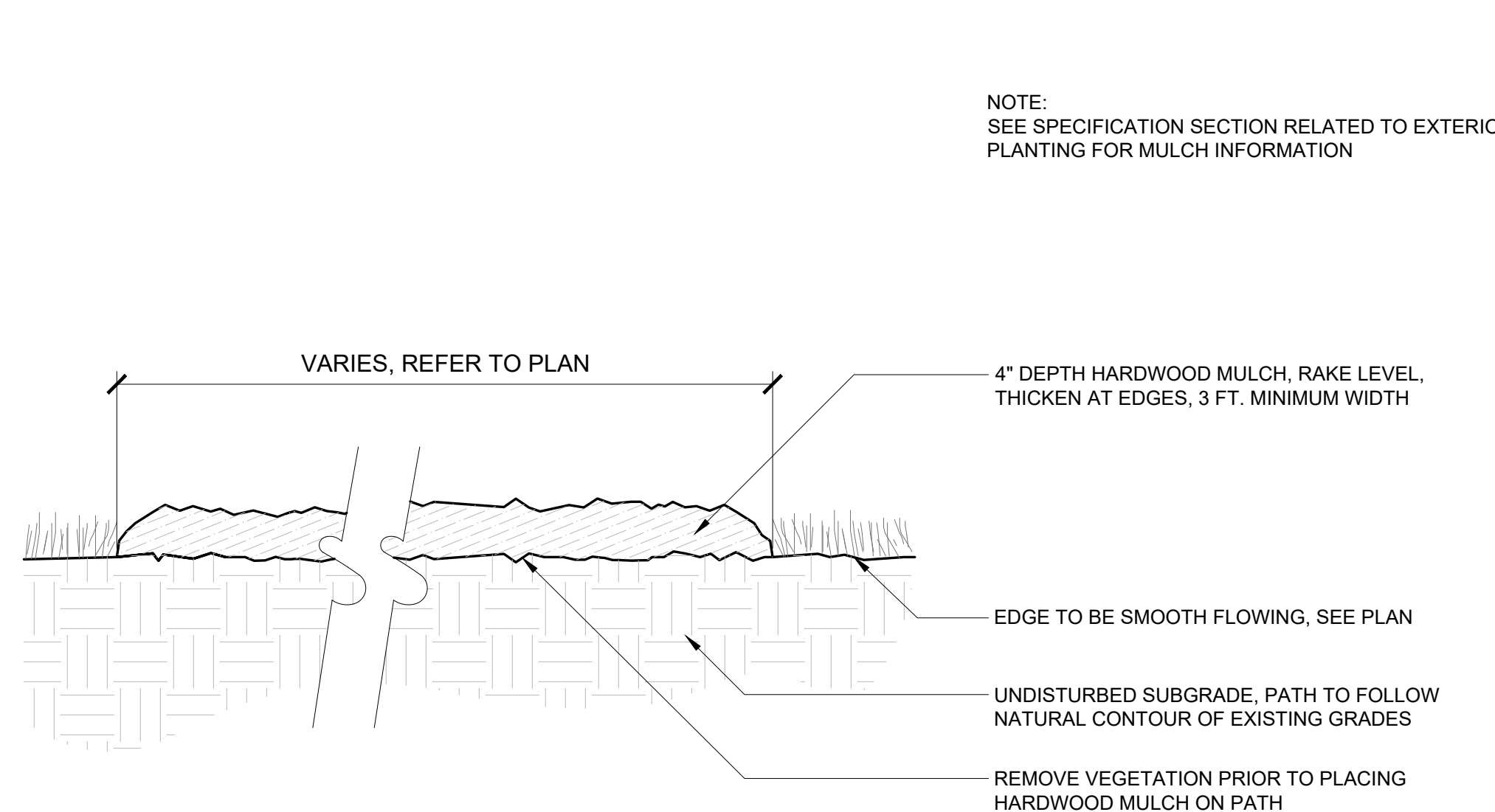
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LANDSCAPE DETAILS - PAVING



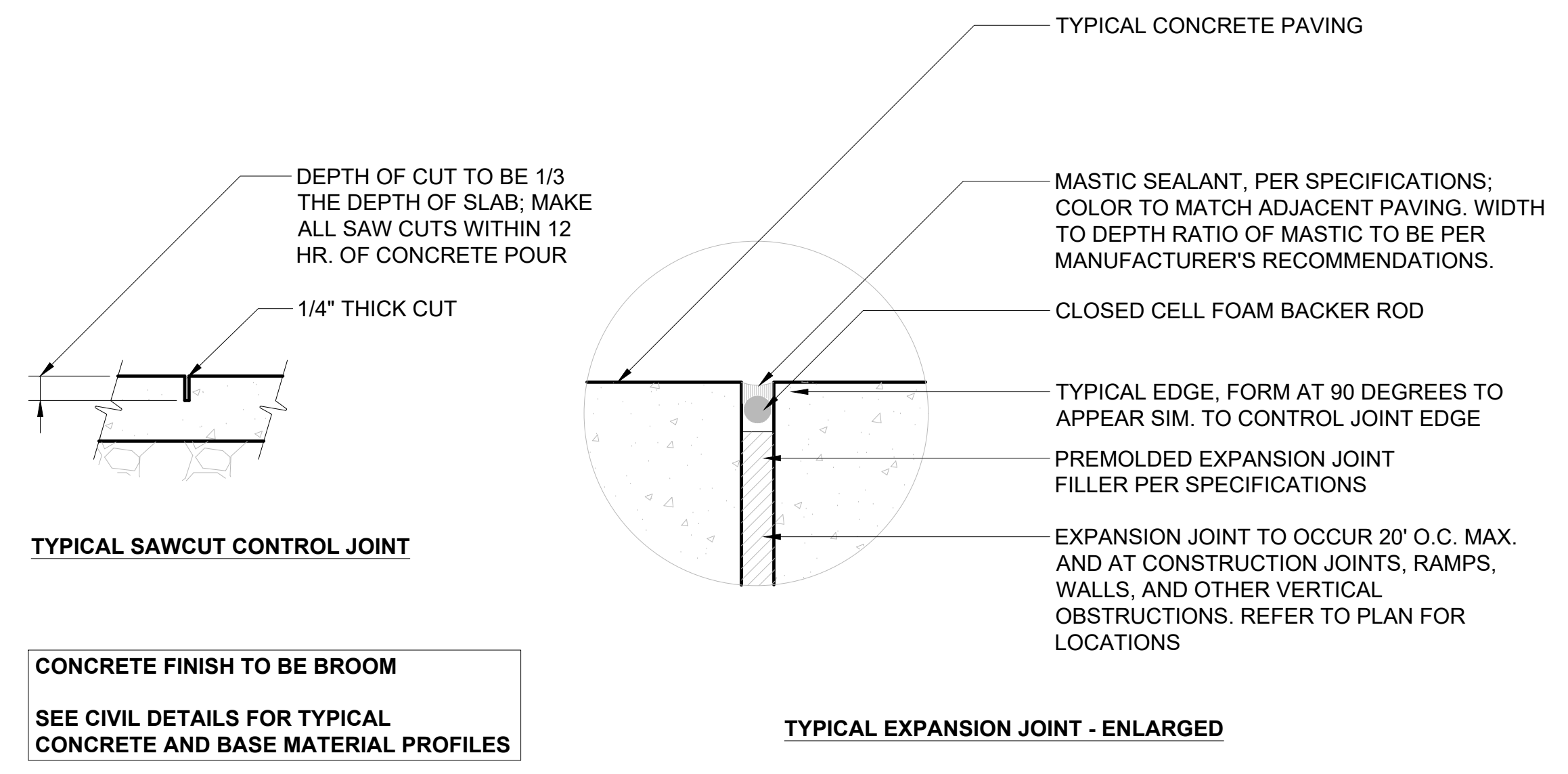
FILENAME
 SCALE AS SHOWN

SHEET
L501



3 DETAIL- HARDWOOD MULCH PATH
1 1/2" = 1'-0"

P-20.199-68

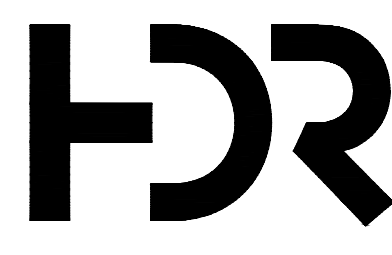


1 DETAIL - P-03 CONCRETE PAVING TYPICAL JOINTING
NTS

P-20.199-106



MINNEHAHA CREEK WATERSHED DISTRICT



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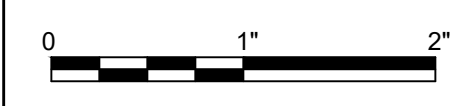
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

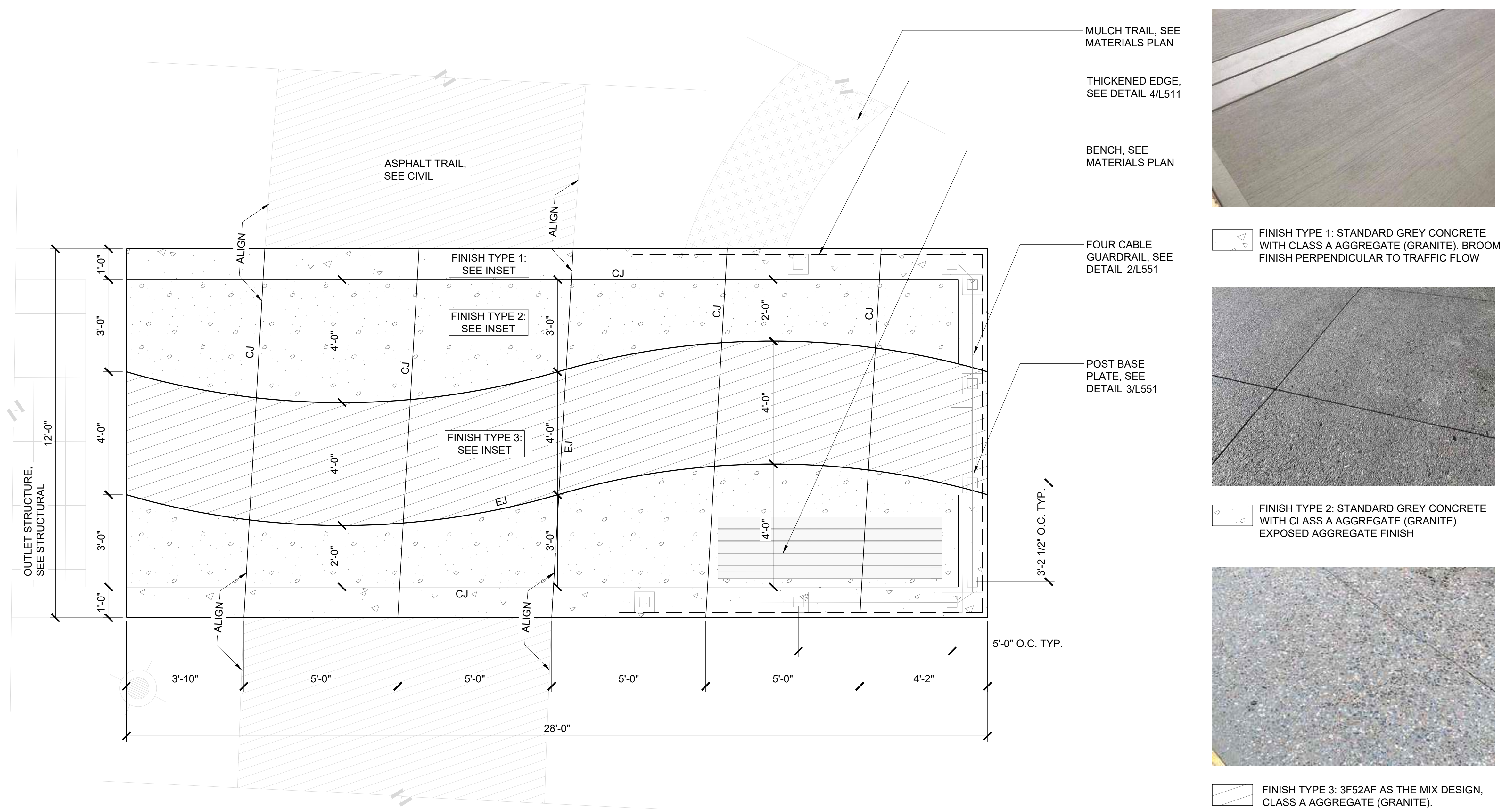
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PAVING



FILENAME
SCALE AS SHOWN

SHEET
L502

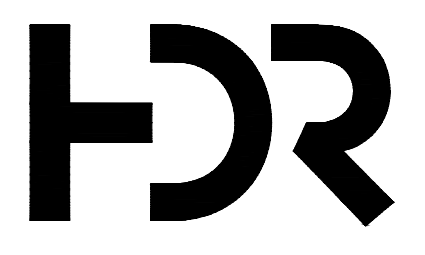


1 DETAIL - OUTLET CROSSING PAVING PLAN
1/2" = 1'-0"

P-20.199-228



MINNEHAHA CREEK
WATERSHED DISTRICT



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PROJECT MANAGER ANDREW F. JUDD

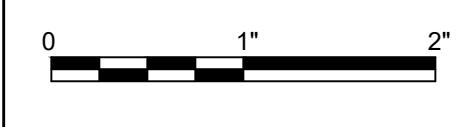
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325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY

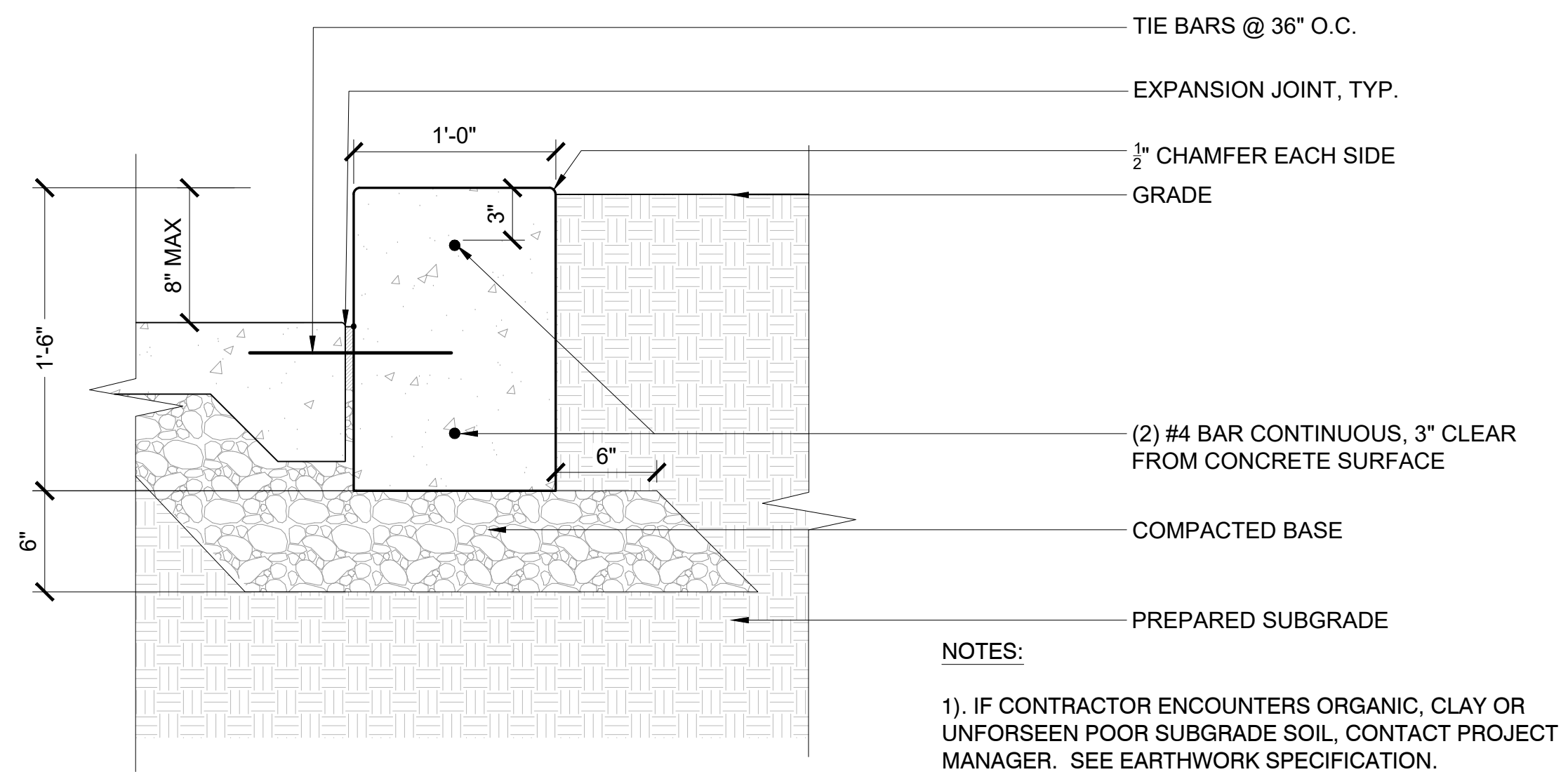
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PAVING ENLARGMENT



FILENAME
SCALE AS SHOWN

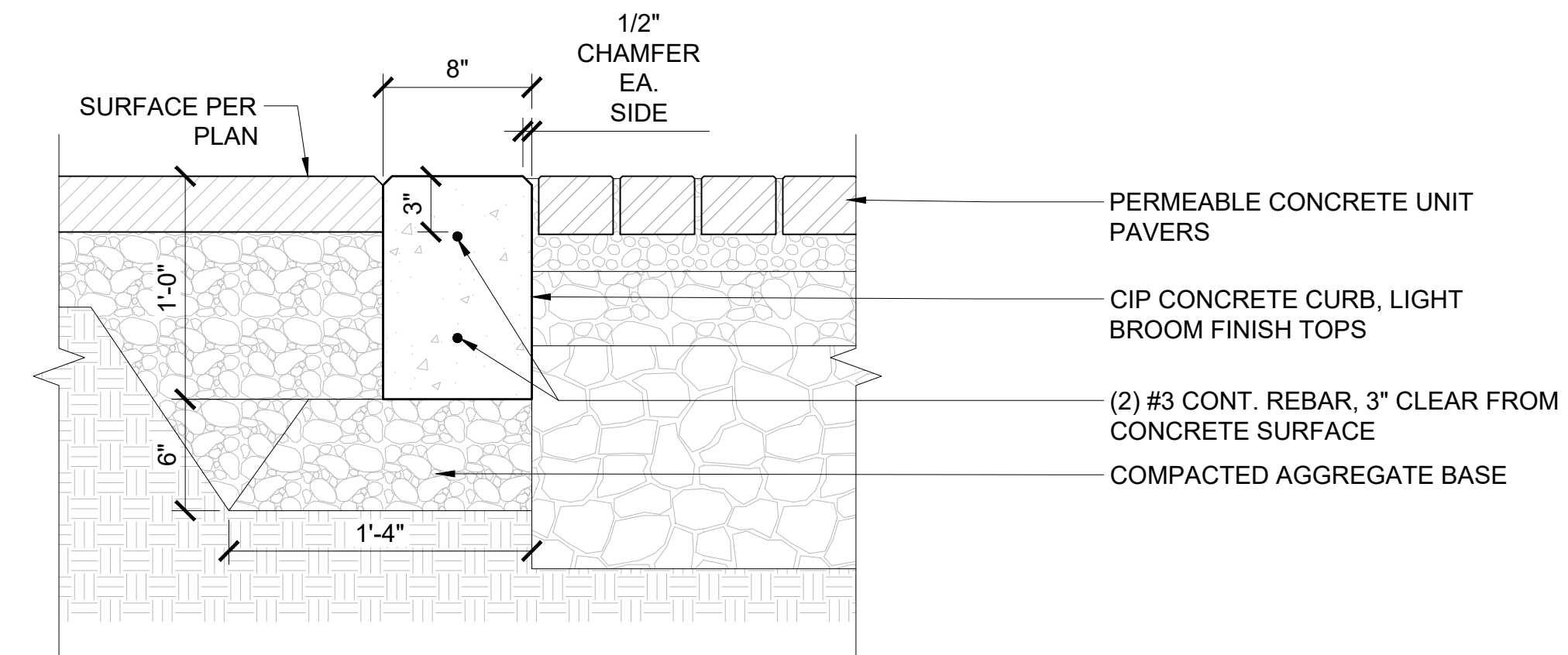
SHEET
L503



NOTES:
 1). IF CONTRACTOR ENCOUNTERS ORGANIC, CLAY OR UNFORSEEN POOR SUBGRADE SOIL, CONTACT PROJECT MANAGER. SEE EARTHWORK SPECIFICATION.

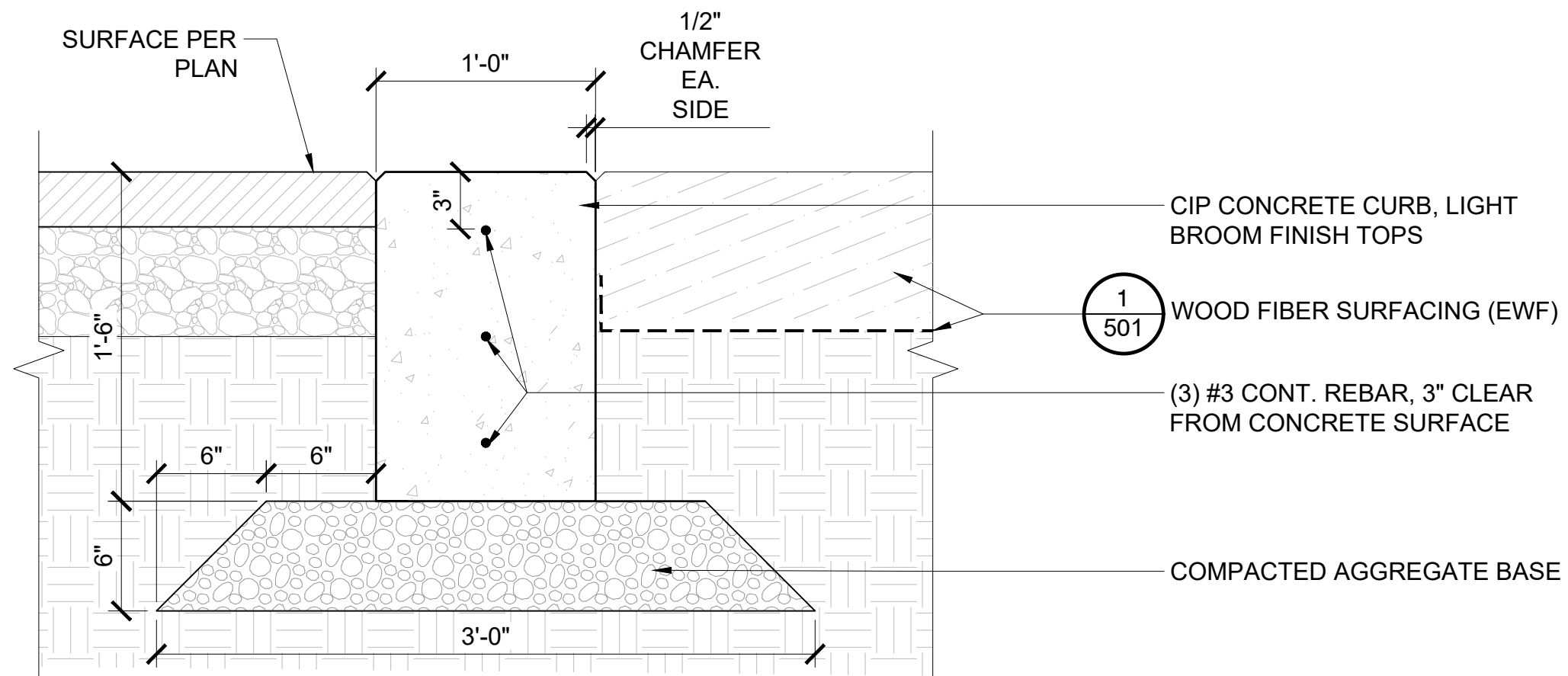
4 DETAIL - CB-04 CIP CONCRETE PLANTER CURB
 1 1/2" = 1'-0"

P-20.199-213



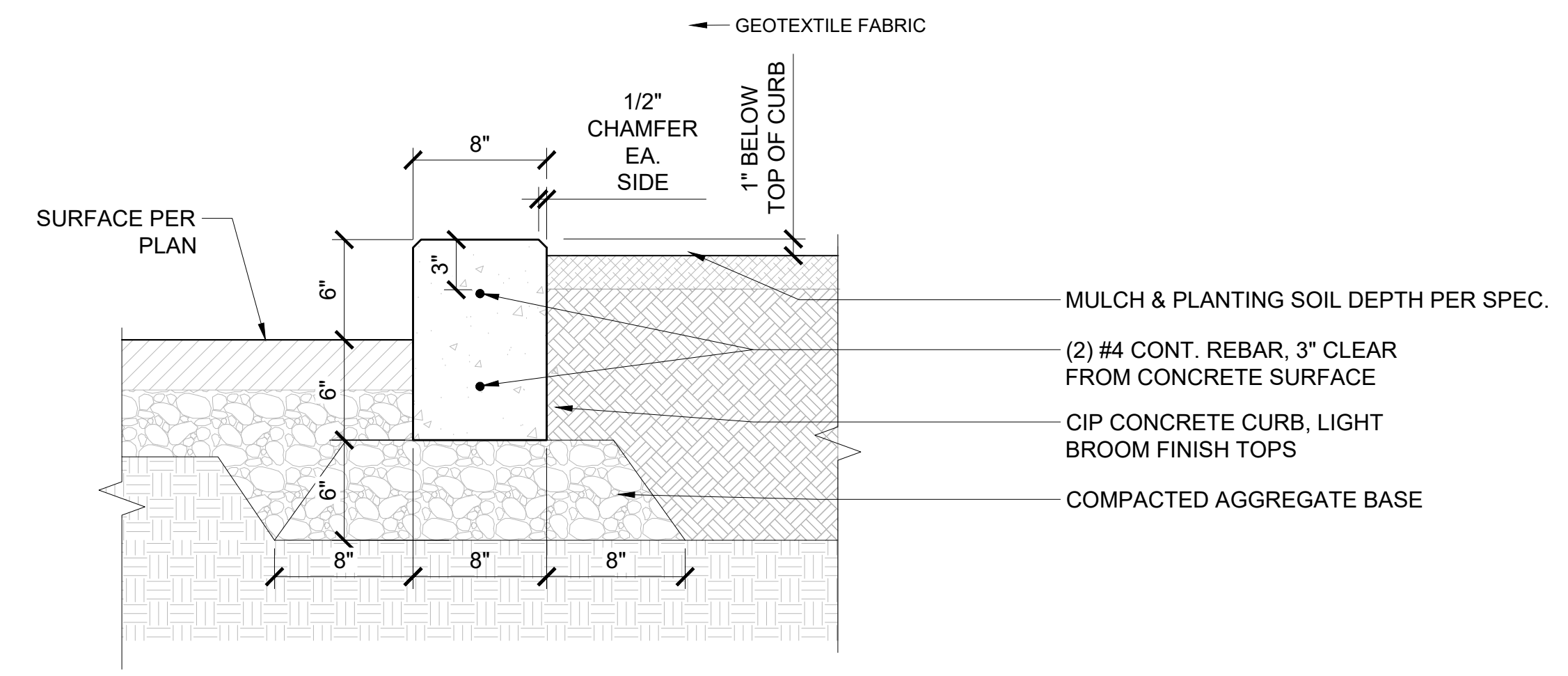
2 DETAIL - CB-02 CIP CONCRETE RIBBON CURB
 1 1/2" = 1'-0"

P-20.199-111



3 DETAIL - CB-03 CIP CONCRETE PLAY AREA CURB
 1 1/2" = 1'-0"

P-20.199-113

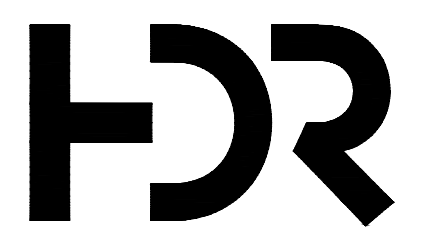


1 DETAIL - CB-01 CIP CONCRETE PLANTER CURB
 1 1/2" = 1'-0"

P-20.199-110



MINNEHAHA CREEK WATERSHED DISTRICT



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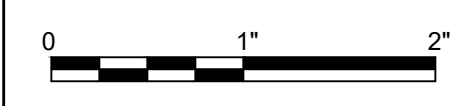
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

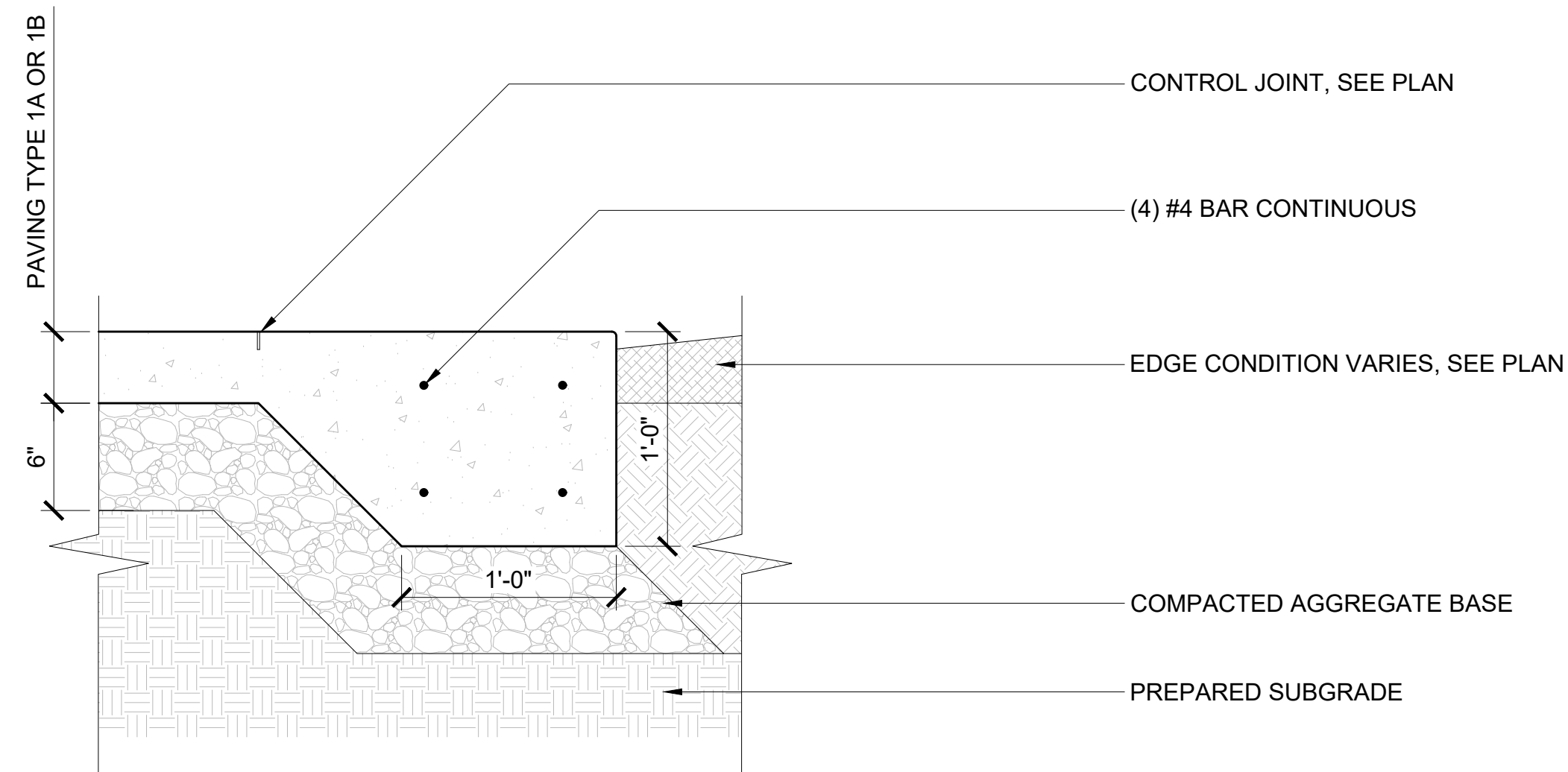
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LANDSCAPE DETAILS - CURBING AND EDGING

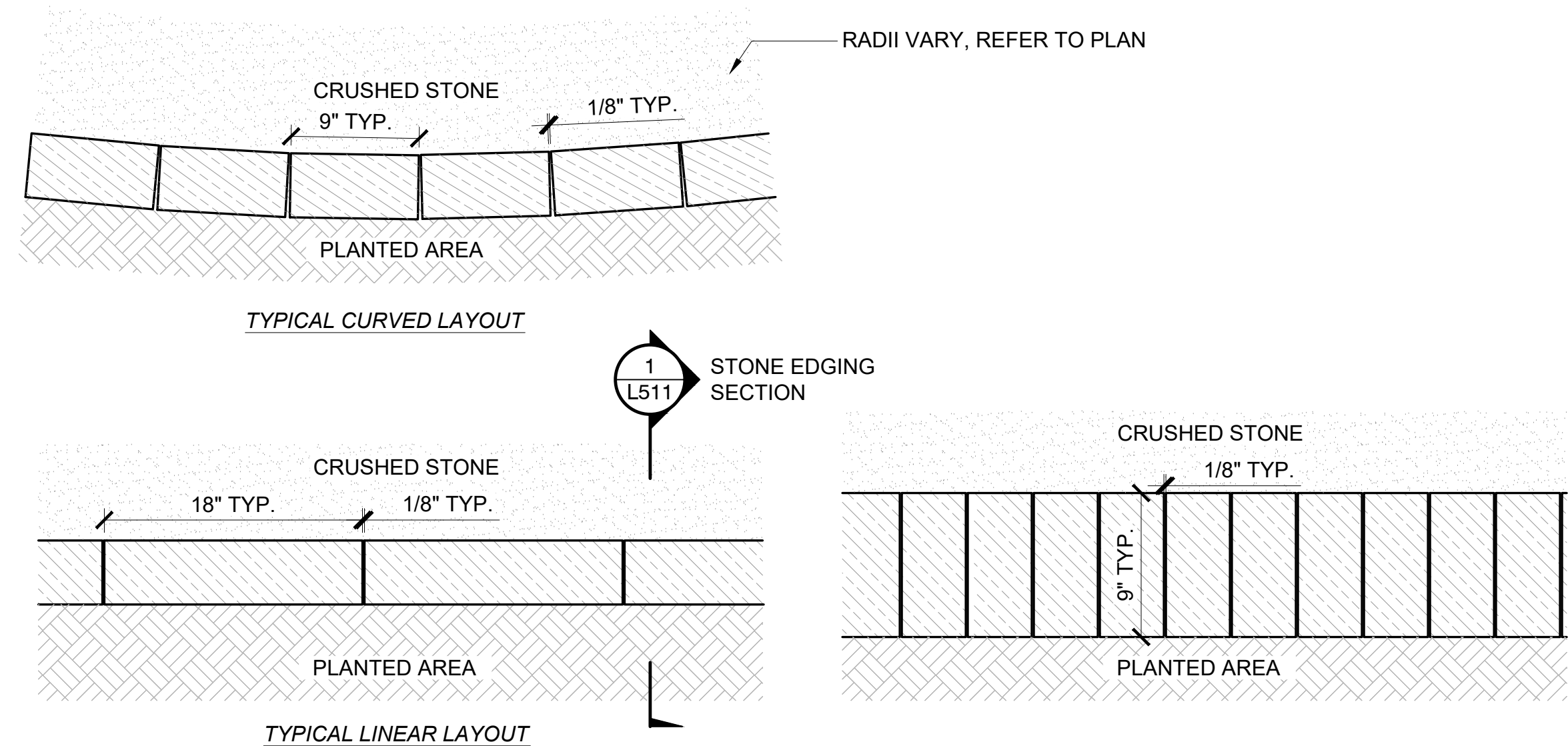


SCALE AS SHOWN

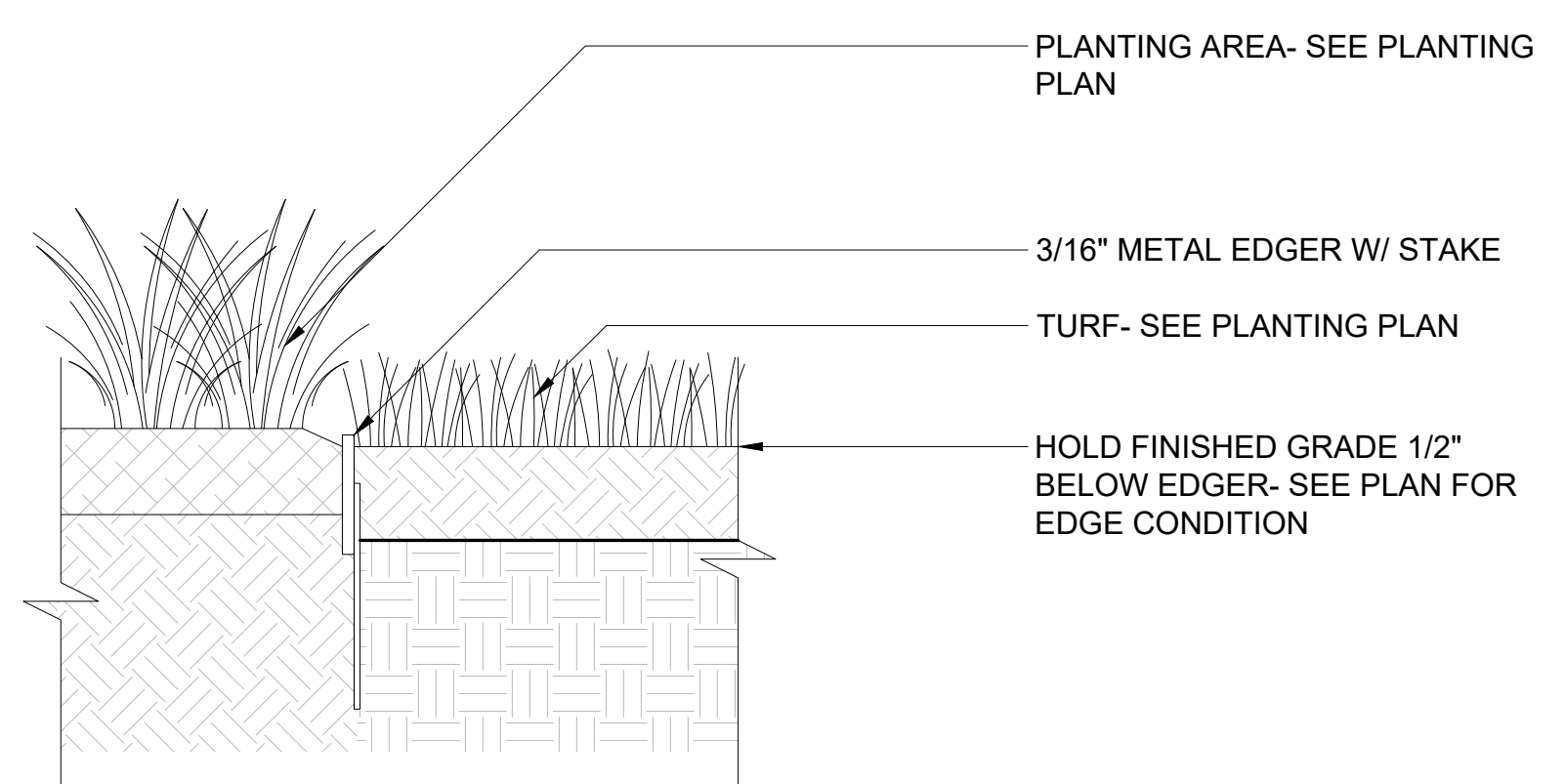
SHEET L510



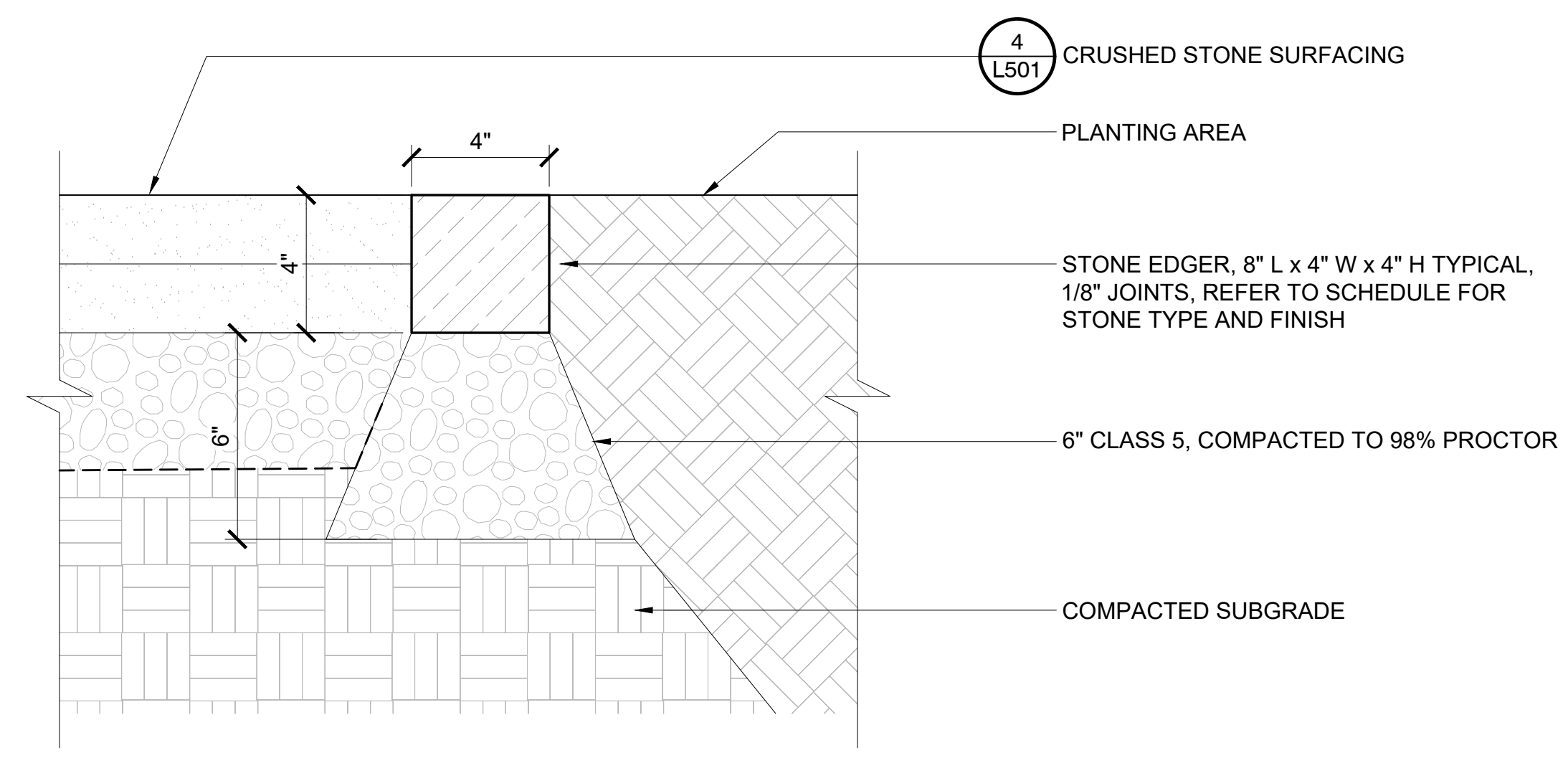
4 DETAIL - EDGE TYPE 3 - THICKENED CONCRETE SLAB EDGE
 1 1/2" = 1'-0" P-20.199-196



2 DETAIL - ED-01 STONE EDGING TYPICAL LAYOUTS
 1 1/2" = 1'-0" P-20.199-131



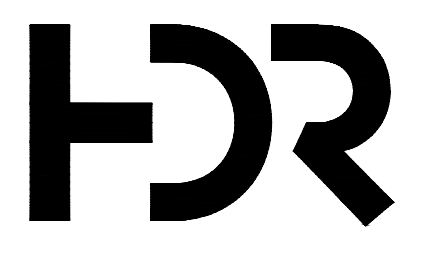
3 DETAIL - STEEL EDGER
 1 1/2" = 1'-0" P-20.199-75



1 DETAIL - ED-01 STONE EDGING
 3" = 1'-0" P-20.199-130



MINNEHAHA CREEK
 WATERSHED DISTRICT



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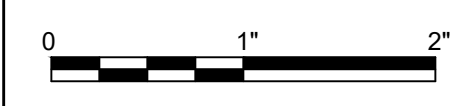
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

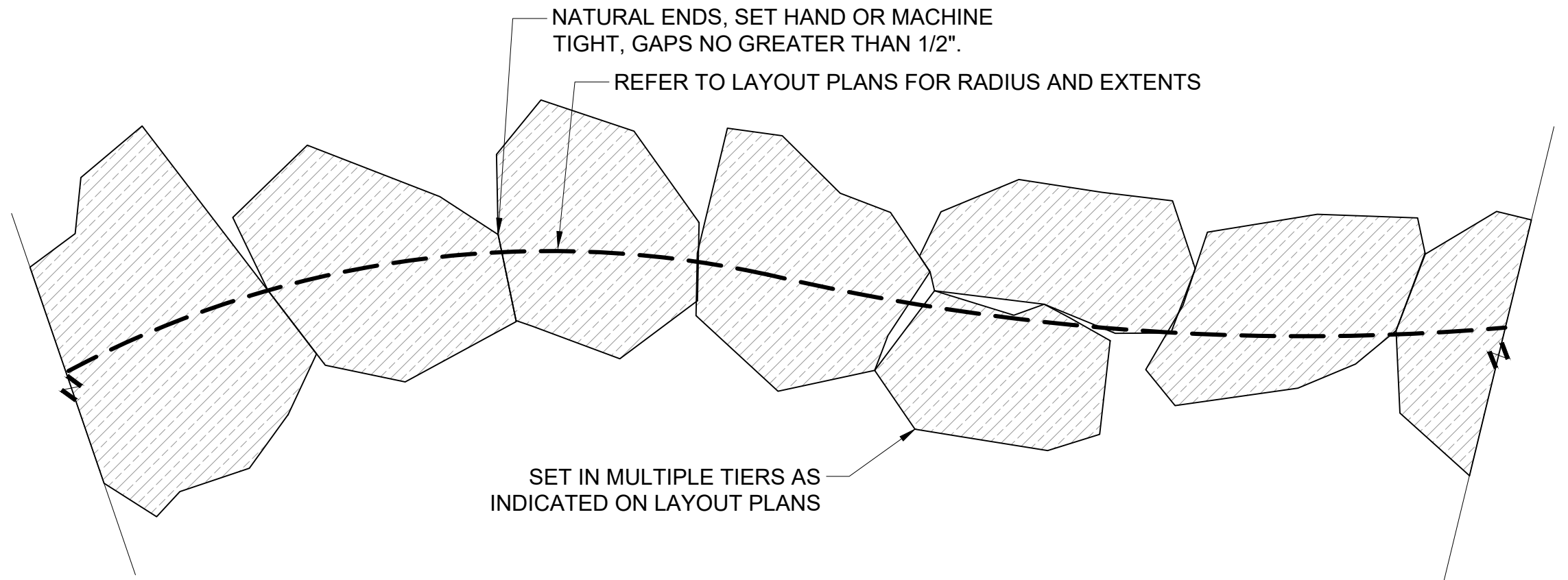
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LANDSCAPE DETAILS - CURBING AND EDGING

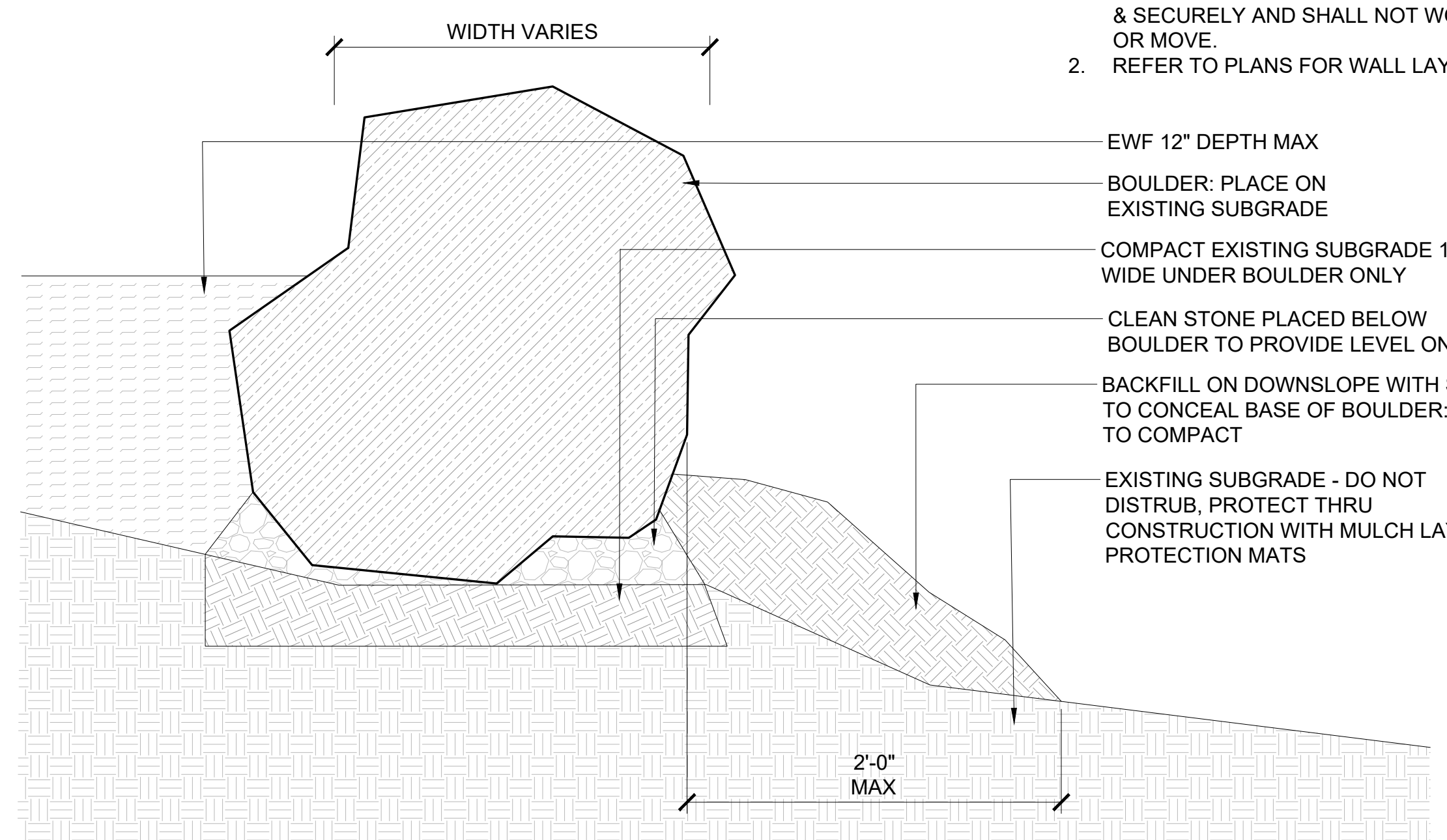


FILENAME
 SCALE AS SHOWN

SHEET
L511



PLAN



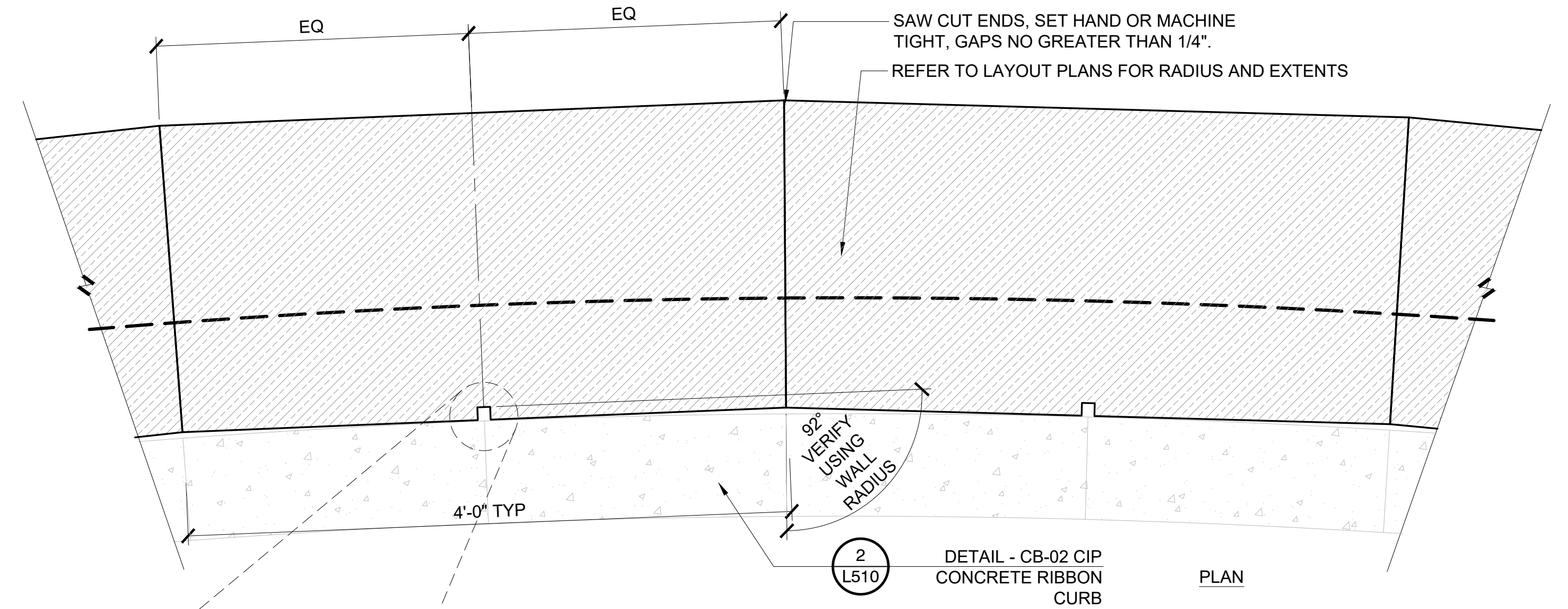
- NOTES:
1. ALL BLOCKS TO BE INSTALLED STABLE & SECURELY AND SHALL NOT WOBBLE OR MOVE.
 2. REFER TO PLANS FOR WALL LAYOUT

- EWF 12" DEPTH MAX
- BOULDER: PLACE ON EXISTING SUBGRADE
- COMPACT EXISTING SUBGRADE 18" WIDE UNDER BOULDER ONLY
- CLEAN STONE PLACED BELOW BOULDER TO PROVIDE LEVEL ONLY
- BACKFILL ON DOWNSLOPE WITH SOIL TO CONCEAL BASE OF BOULDER: TAMP TO COMPACT
- EXISTING SUBGRADE - DO NOT DISTRUB, PROTECT THRU CONSTRUCTION WITH MULCH LAYER & PROTECTION MATS

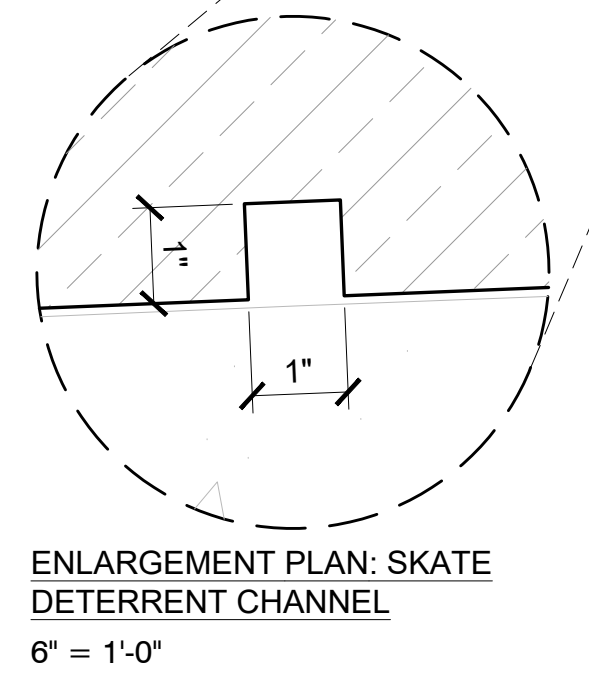
2 DETAIL - WL-02 LIMESTONE WALL @ PLAY AREA

1 1/2" = 1'-0"

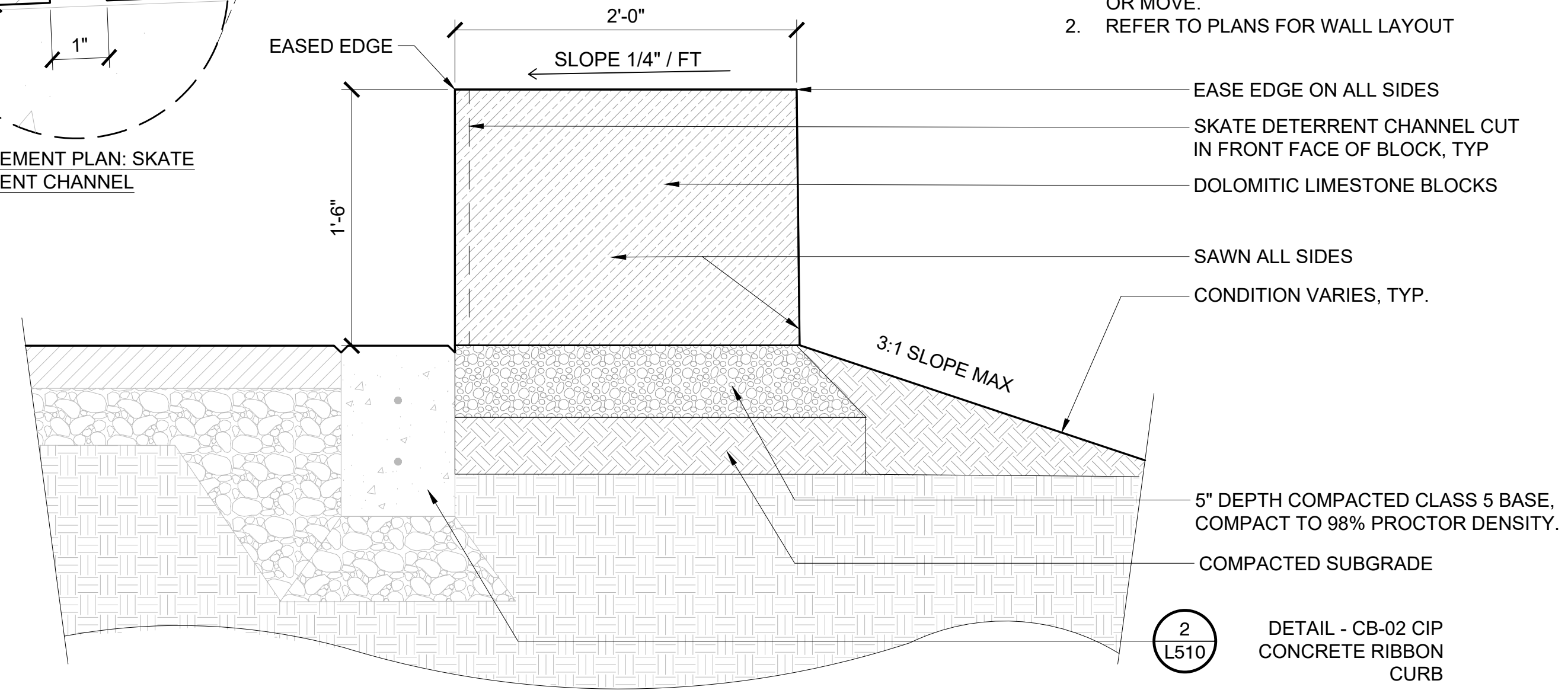
P-20.199-107



2 L510 DETAIL - CB-02 CIP CONCRETE RIBBON CURB PLAN



ENLARGEMENT PLAN: SKATE DETERRENT CHANNEL
6" = 1'-0"



- NOTES:
1. ALL BLOCKS TO BE INSTALLED STABLE & SECURELY AND SHALL NOT WOBBLE OR MOVE.
 2. REFER TO PLANS FOR WALL LAYOUT

- EASE EDGE ON ALL SIDES
- SKATE DETERRENT CHANNEL CUT IN FRONT FACE OF BLOCK, TYP
- DOLOMITIC LIMESTONE BLOCKS
- SAWED ALL SIDES
- CONDITION VARIES, TYP.
- 5" DEPTH COMPACTED CLASS 5 BASE, COMPACT TO 98% PROCTOR DENSITY.
- COMPACTED SUBGRADE

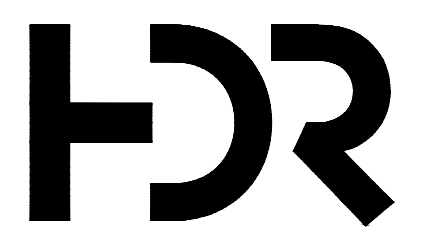
1 DETAIL - WL-01 LIMESTONE SEATWALL @ TRAILHEAD

1 1/2" = 1'-0"

P-20.199-21



MINNEHAHA CREEK WATERSHED DISTRICT



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DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

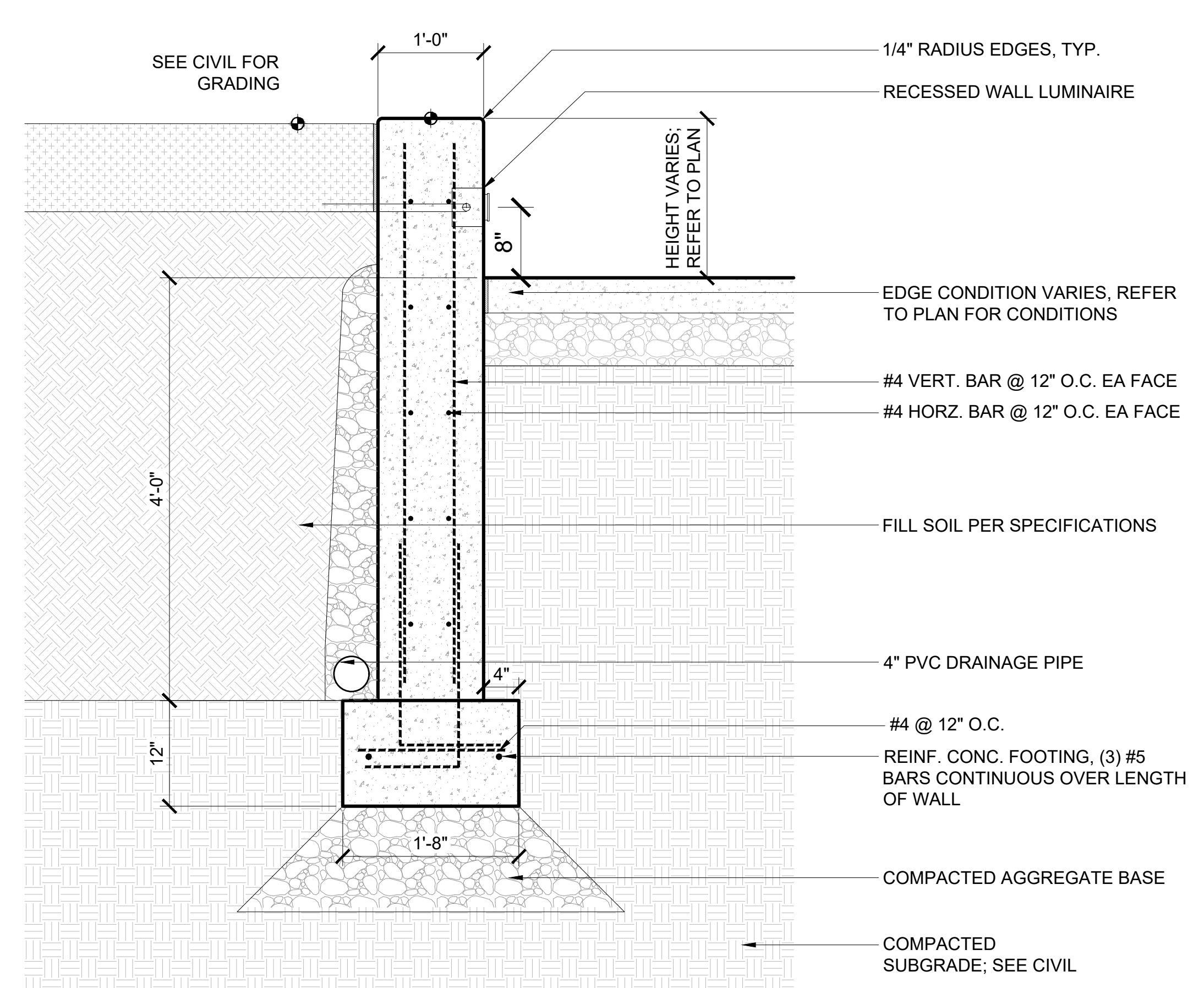
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - WALL



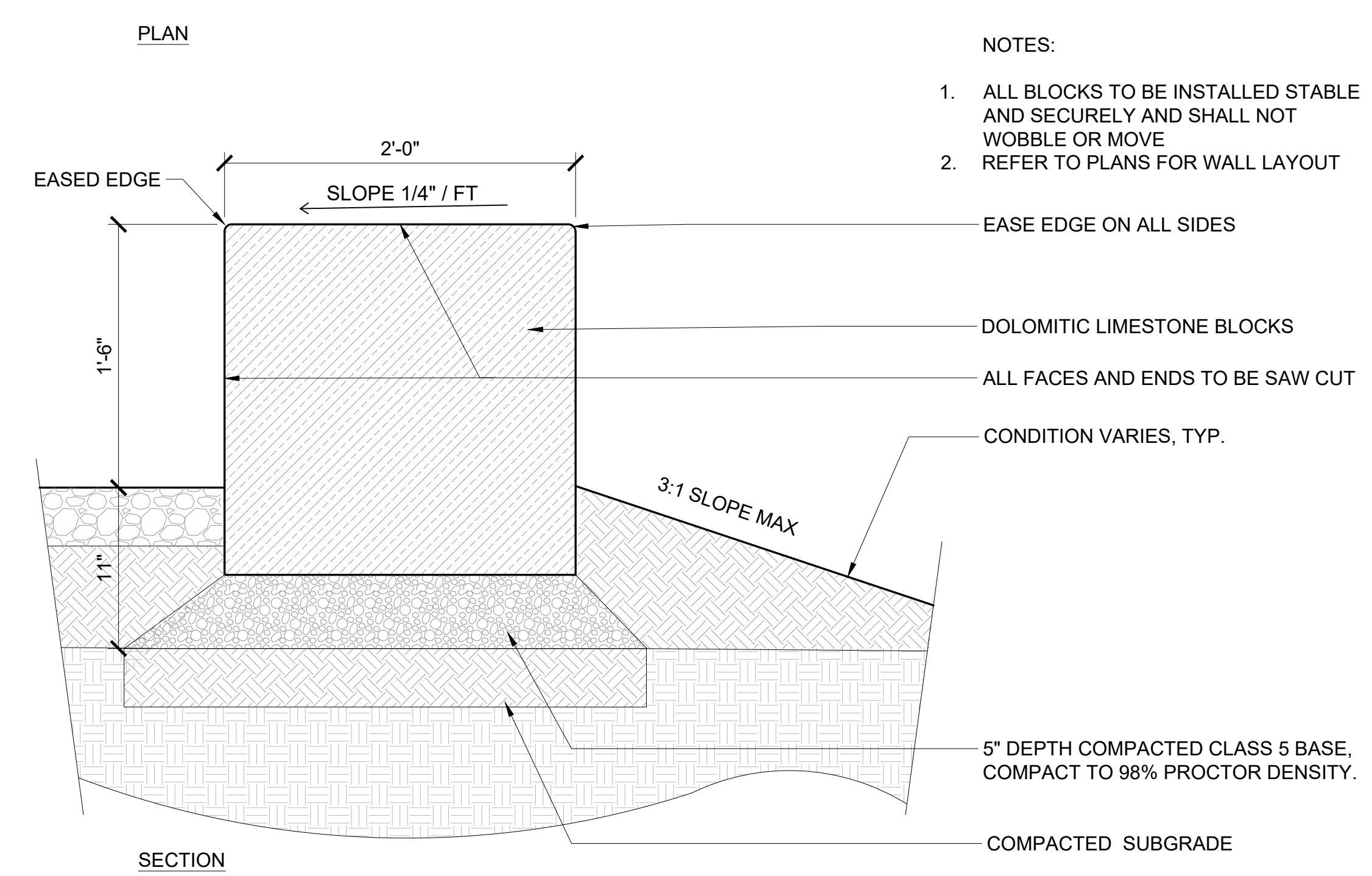
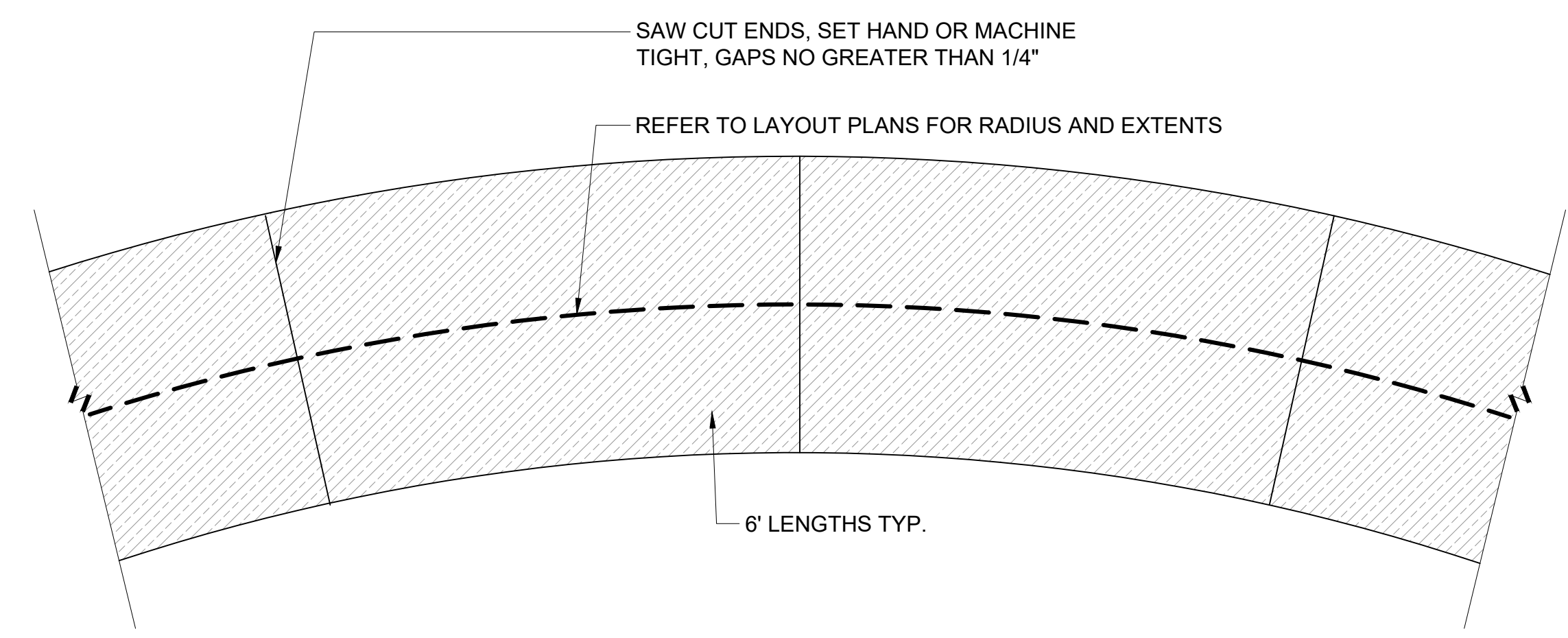
FILENAME
SCALE AS SHOWN

SHEET
L520



- NOTES:
 1. EPOXY REBAR TO BE SET 3" MIN. CLEAR FROM FACE OF CIP CONCRETE
 2. EXPOSED CONCRETE TO HAVE SMOOTH RUBBED FINISH.

2 DETAIL - WL-04 CIP CONCRETE WALL - 3'-0" HGT MAX
 1" = 1'-0" P-20.199-15



- NOTES:
 1. ALL BLOCKS TO BE INSTALLED STABLE AND SECURELY AND SHALL NOT WOBBLE OR MOVE
 2. REFER TO PLANS FOR WALL LAYOUT

1 DETAIL - WL-03 LIMESTONE SEATWALL @ PICNIC AREA
 1 1/2" = 1'-0" P-20.199-133



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

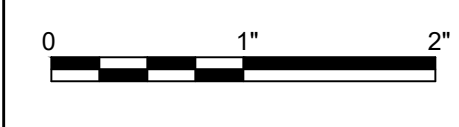
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

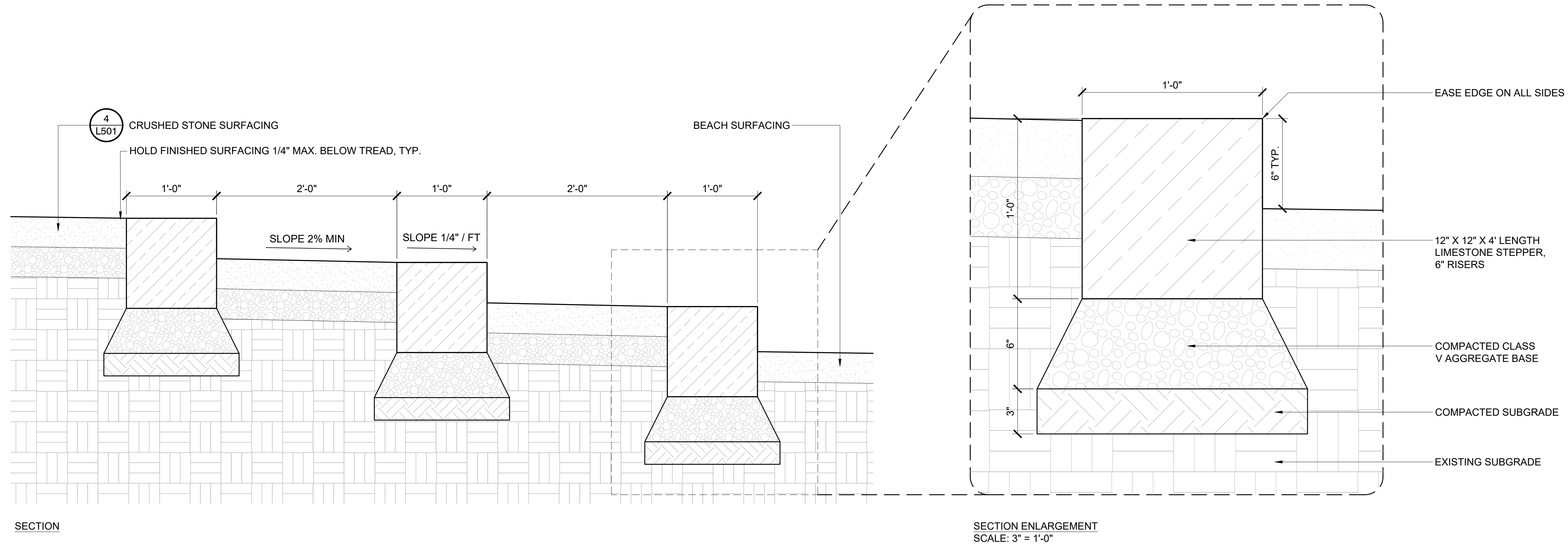
MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LANDSCAPE DETAILS - WALL



FILENAME
 SCALE AS SHOWN

SHEET
L521

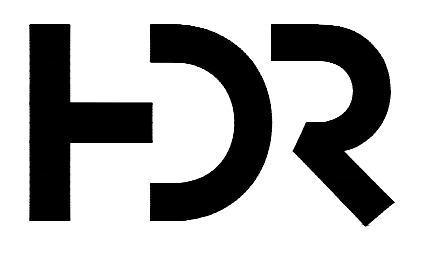


1 DETAIL - ST-01 STONE STEPPERS
1 1/2" = 1'-0"

P-20.199-138



**MINNEHAHA CREEK
WATERSHED DISTRICT**



**DF/ DAMON FARBER
LANDSCAPE ARCHITECTS**
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

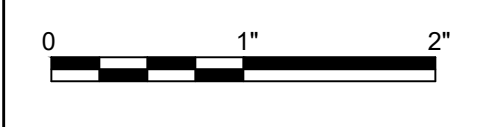
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

**325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY**

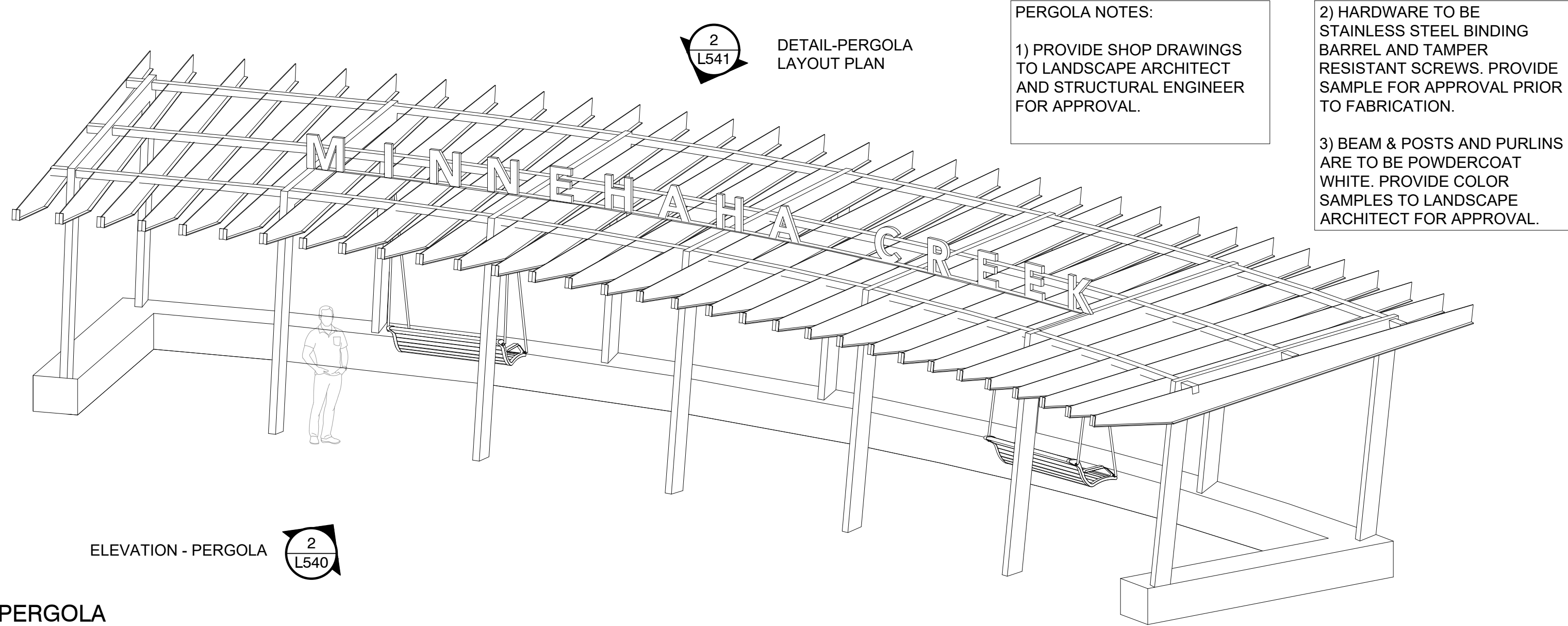
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

**LANDSCAPE DETAILS - DIMENSIONAL STONE
TREADS**



FILENAME
SCALE AS SHOWN

SHEET
L530



PERGOLA NOTES:

1) PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL.

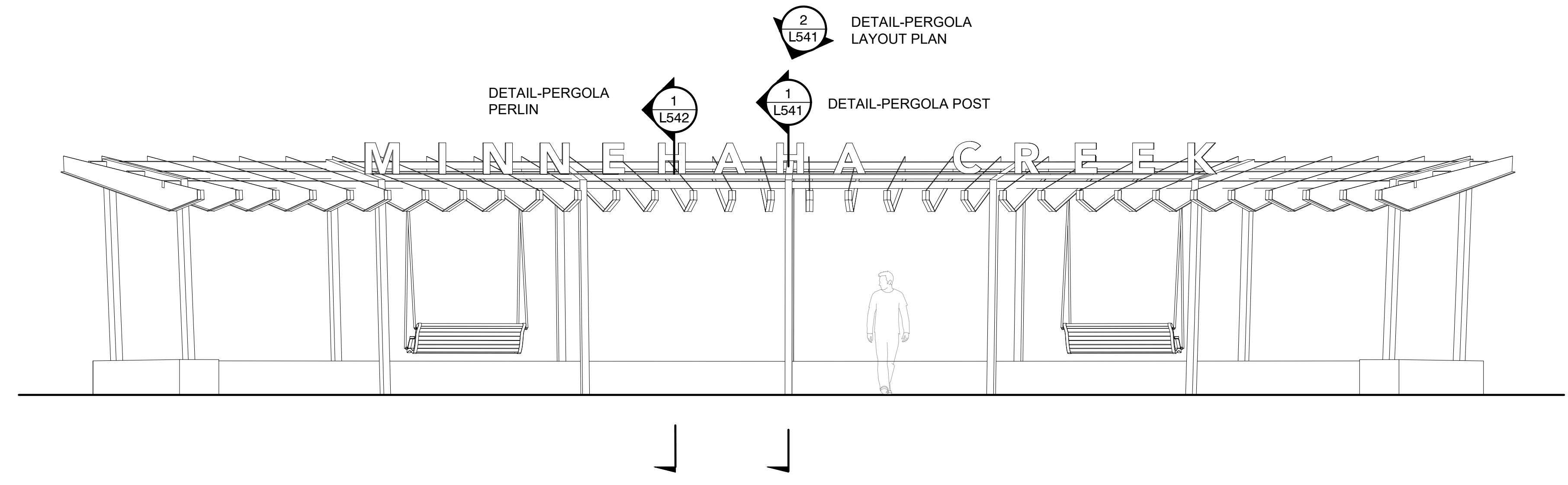
2) HARDWARE TO BE STAINLESS STEEL BINDING BARREL AND TAMPER RESISTANT SCREWS. PROVIDE SAMPLE FOR APPROVAL PRIOR TO FABRICATION.

3) BEAM & POSTS AND PURLINS ARE TO BE POWDERCOAT WHITE. PROVIDE COLOR SAMPLES TO LANDSCAPE ARCHITECT FOR APPROVAL.

ELEVATION - PERGOLA **2** L540

1 AXON-PERGOLA
1/4" = 1'-0"

P-20.199-166



DETAIL-PERGOLA PERLIN **1** L542

DETAIL-PERGOLA LAYOUT PLAN **2** L541

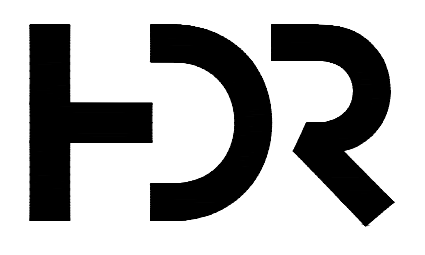
DETAIL-PERGOLA POST **1** L541

2 ELEVATION - PERGOLA
1/4" = 1'-0"

P-20.199-165



MINNEHAHA CREEK
WATERSHED DISTRICT



DF/ DAMON FARBER
LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
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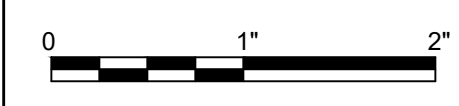
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

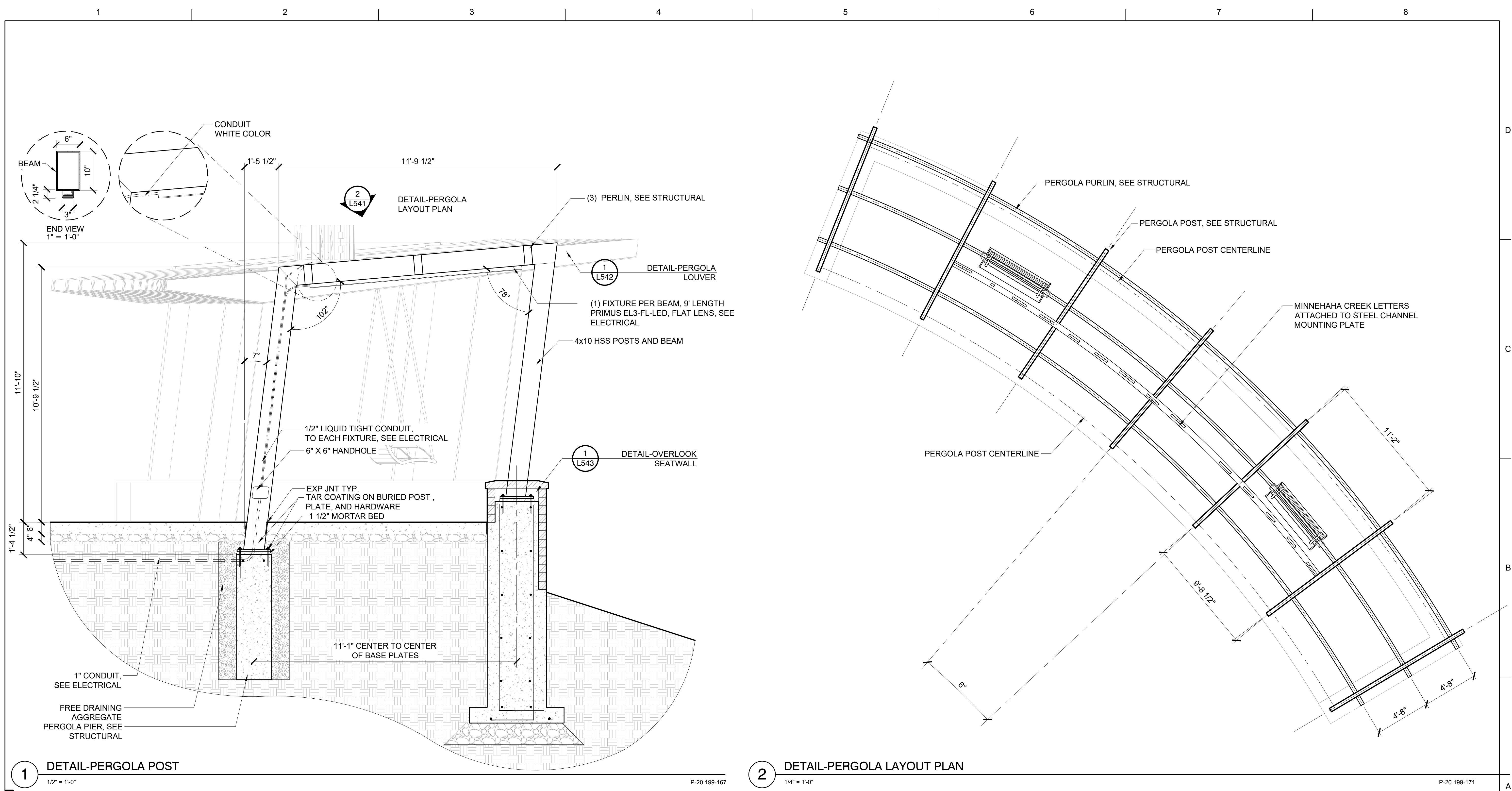
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PERGOLA



FILENAME
SCALE AS SHOWN

SHEET
L540



1 DETAIL-PERGOLA POST
1/2" = 1'-0"

P-20.199-167

2 DETAIL-PERGOLA LAYOUT PLAN
1/4" = 1'-0"

P-20.199-171



ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

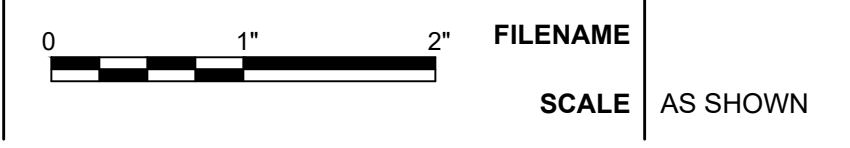
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

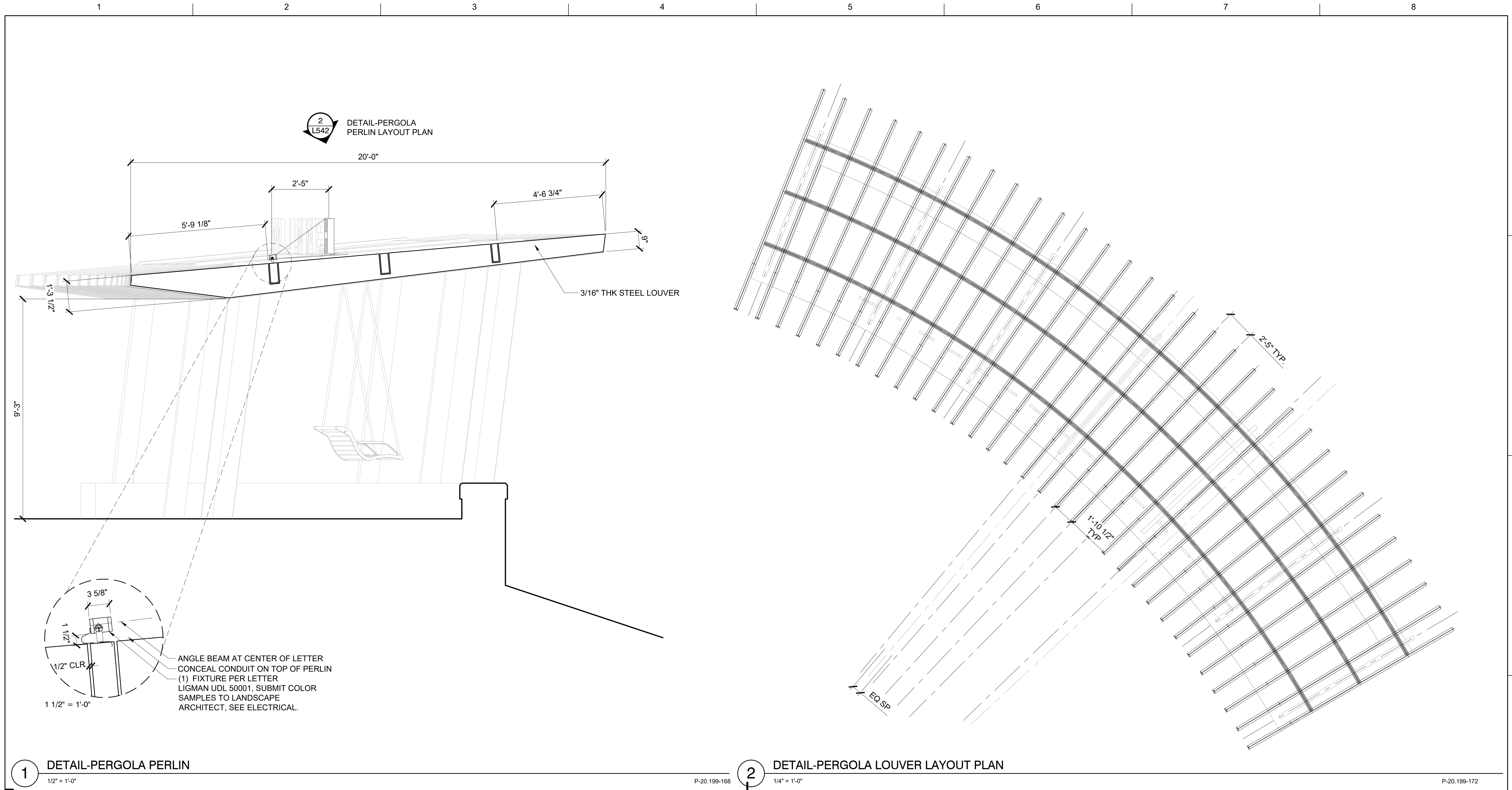
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PERGOLA



FILENAME
SCALE AS SHOWN
SHEET
L541



1 DETAIL-PERGOLA PERLIN
1/2" = 1'-0"

2 DETAIL-PERGOLA LOUVER LAYOUT PLAN
1/4" = 1'-0"



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

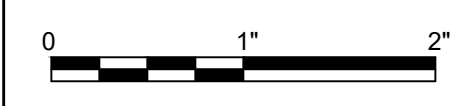
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

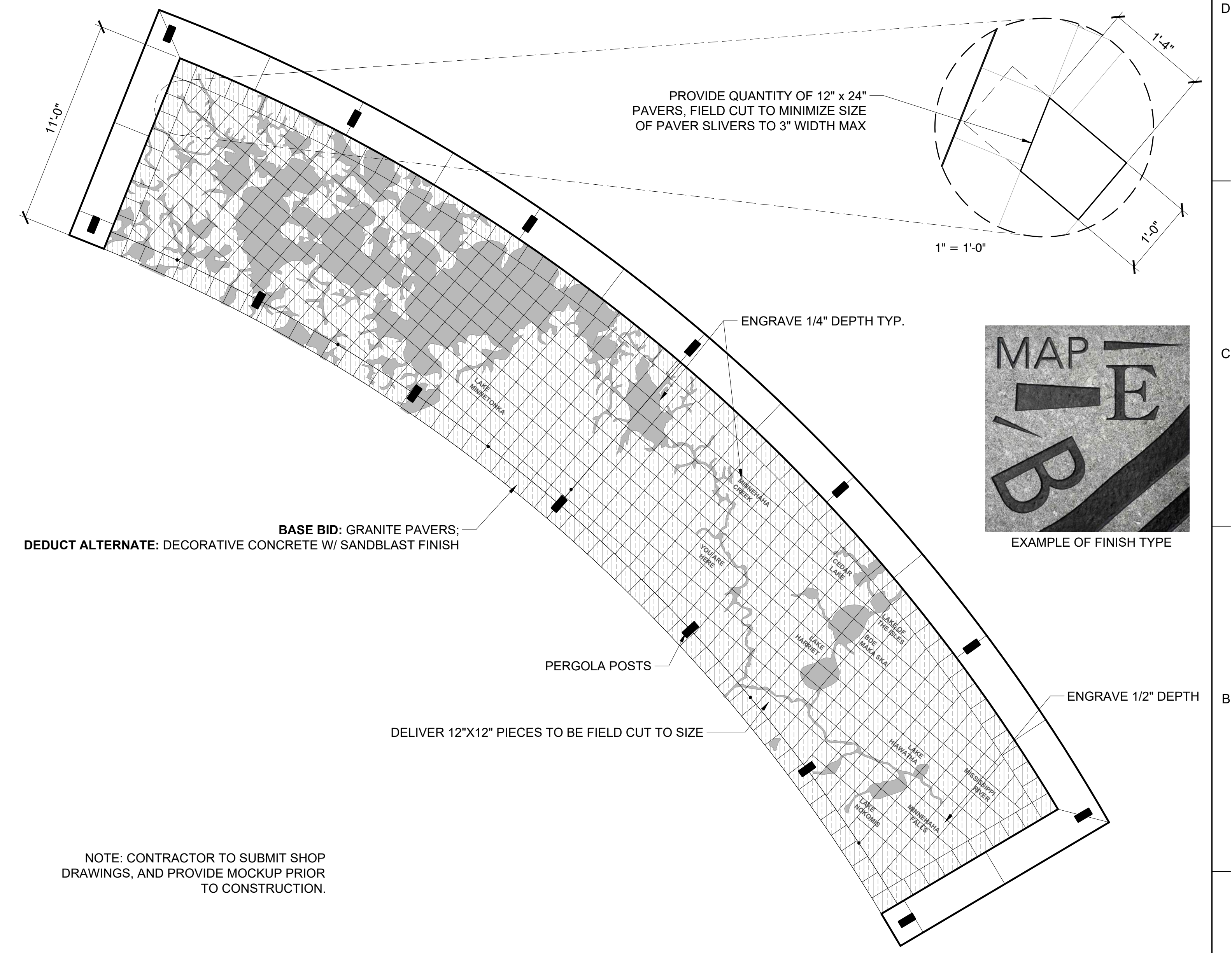
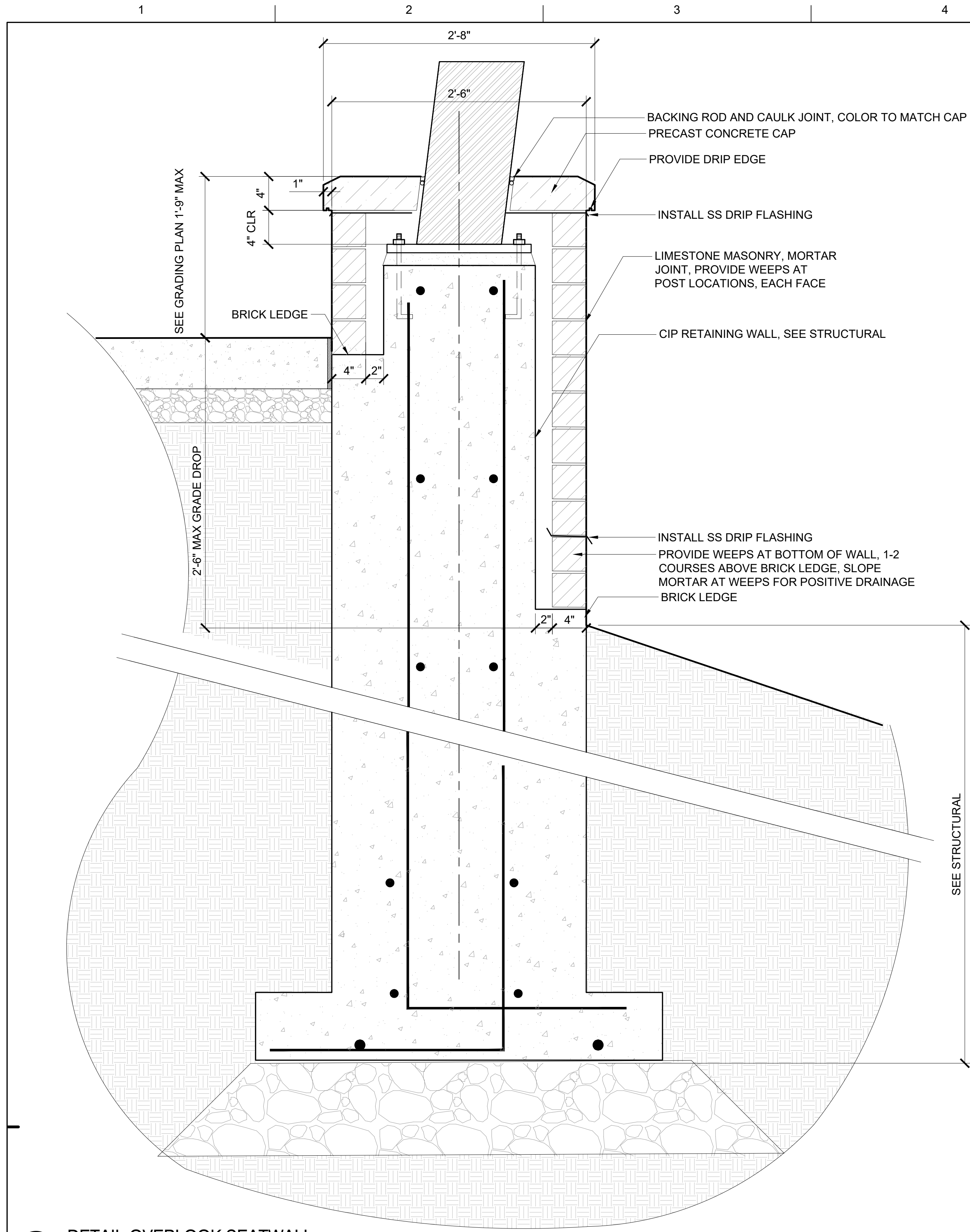
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PERGOLA



FILENAME
SCALE AS SHOWN

SHEET
L542



1 DETAIL-OVERLOOK SEATWALL
1/4" = 1'-0"

2 DETAIL-OVERLOOK PAVING PLAN (BASE BID)
1/4" = 1'-0"



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

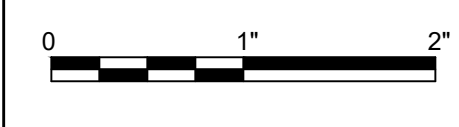
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PERGOLA



FILENAME
SCALE AS SHOWN

SHEET
L543

P-20.199-169

P-20.199-170



EXAMPLE OF FINISH TYPE

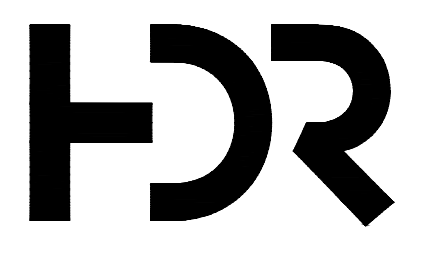
NOTE: CONTRACTOR TO SUBMIT SHOP DRAWINGS, AND PROVIDE MOCKUP PRIOR TO CONSTRUCTION.

1 DETAIL-OVERLOOK PAVING PLAN (DEDUCT ALTERNATE)
1/4" = 1'-0"

P-20.199-229



MINNEHAHA CREEK
WATERSHED DISTRICT



DF/ DAMON FARBER
LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

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PROJECT MANAGER ANDREW F. JUDD	
PROJECT NUMBER	10268112

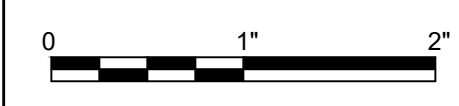
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

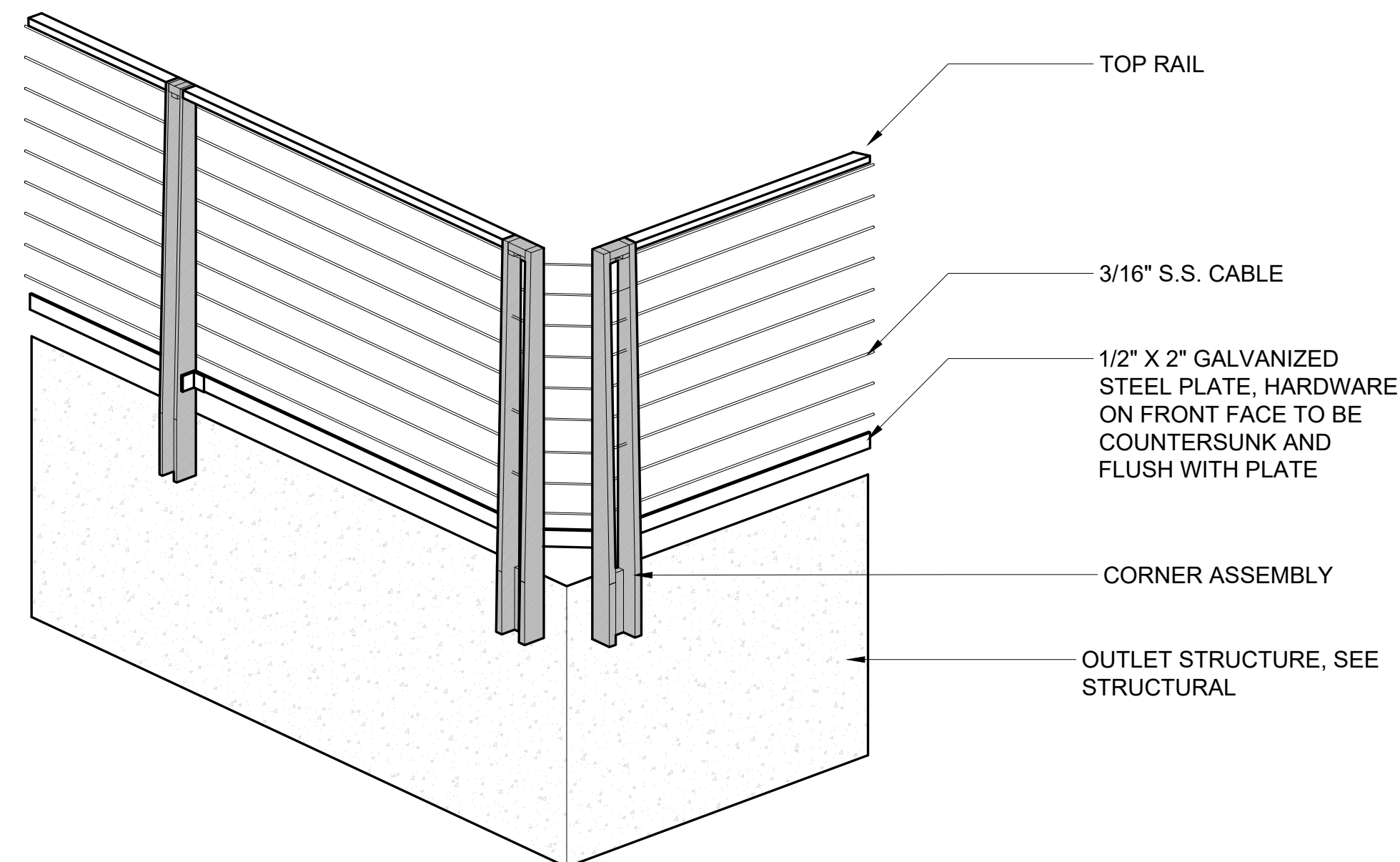
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PERGOLA

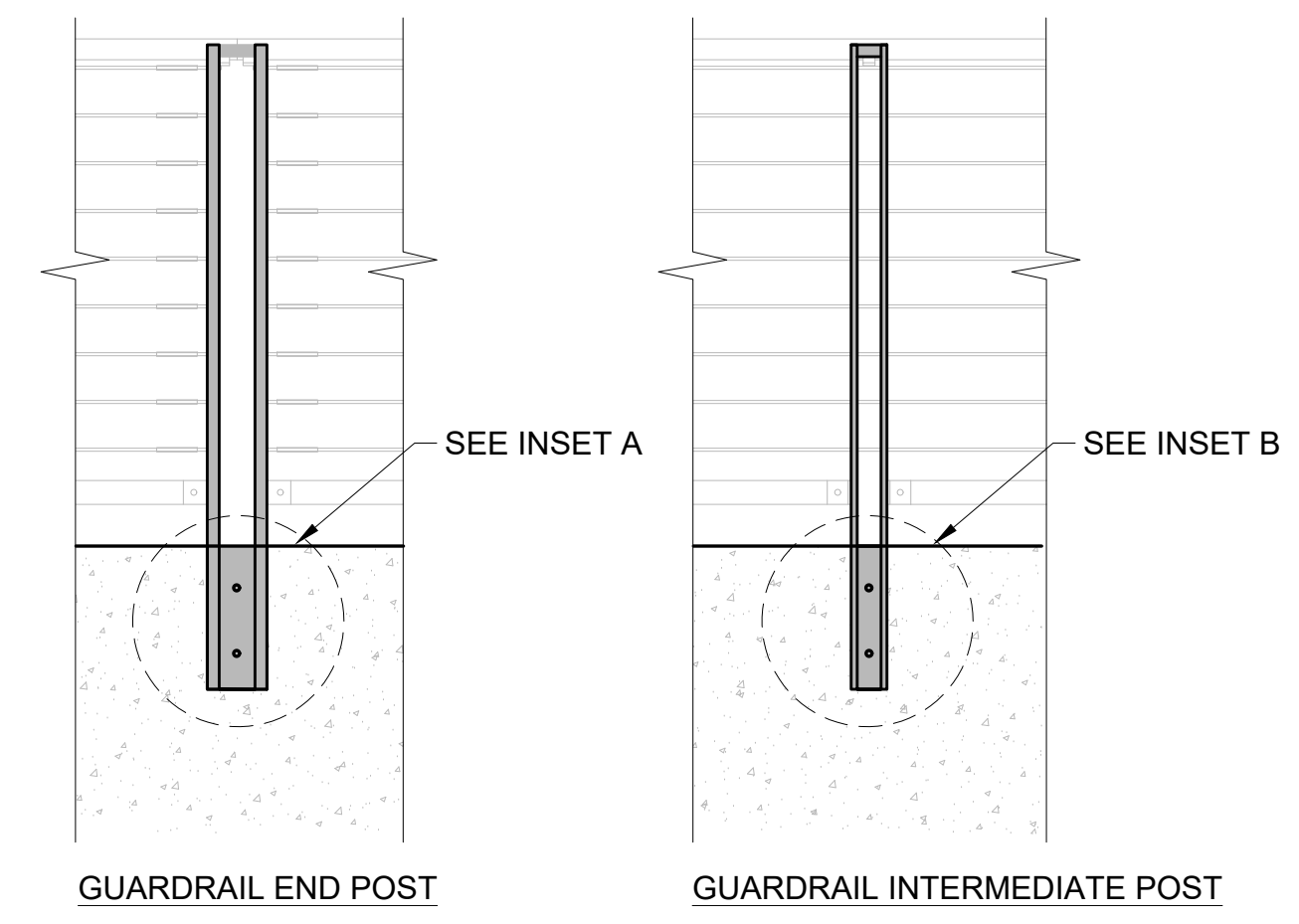


FILENAME
SCALE AS SHOWN

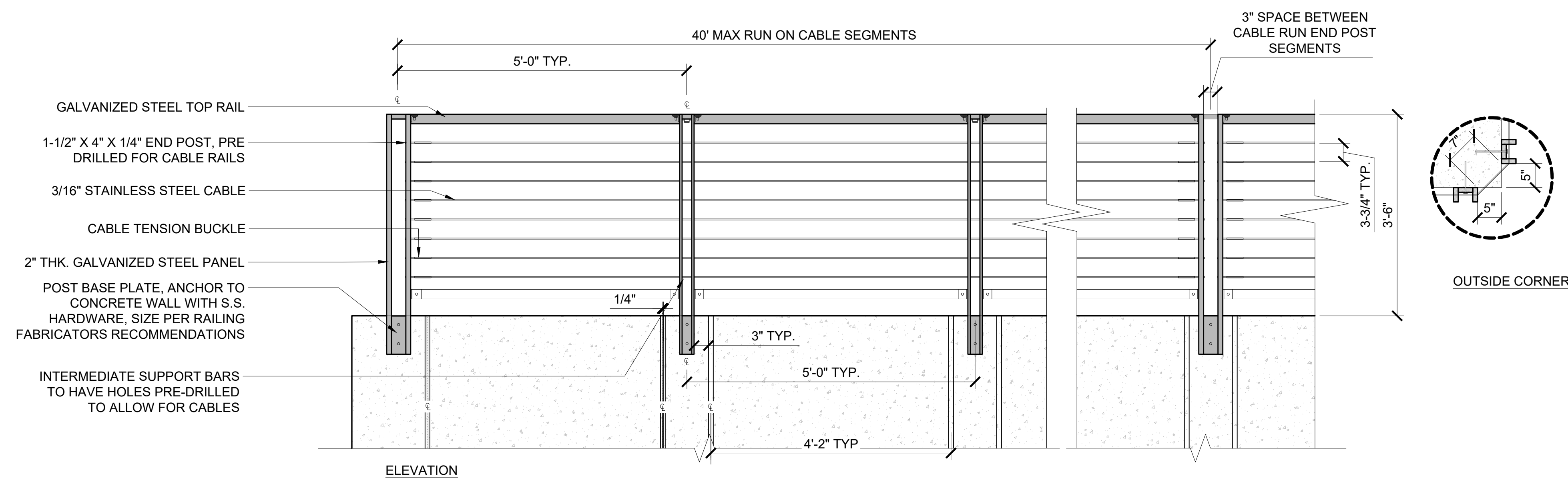
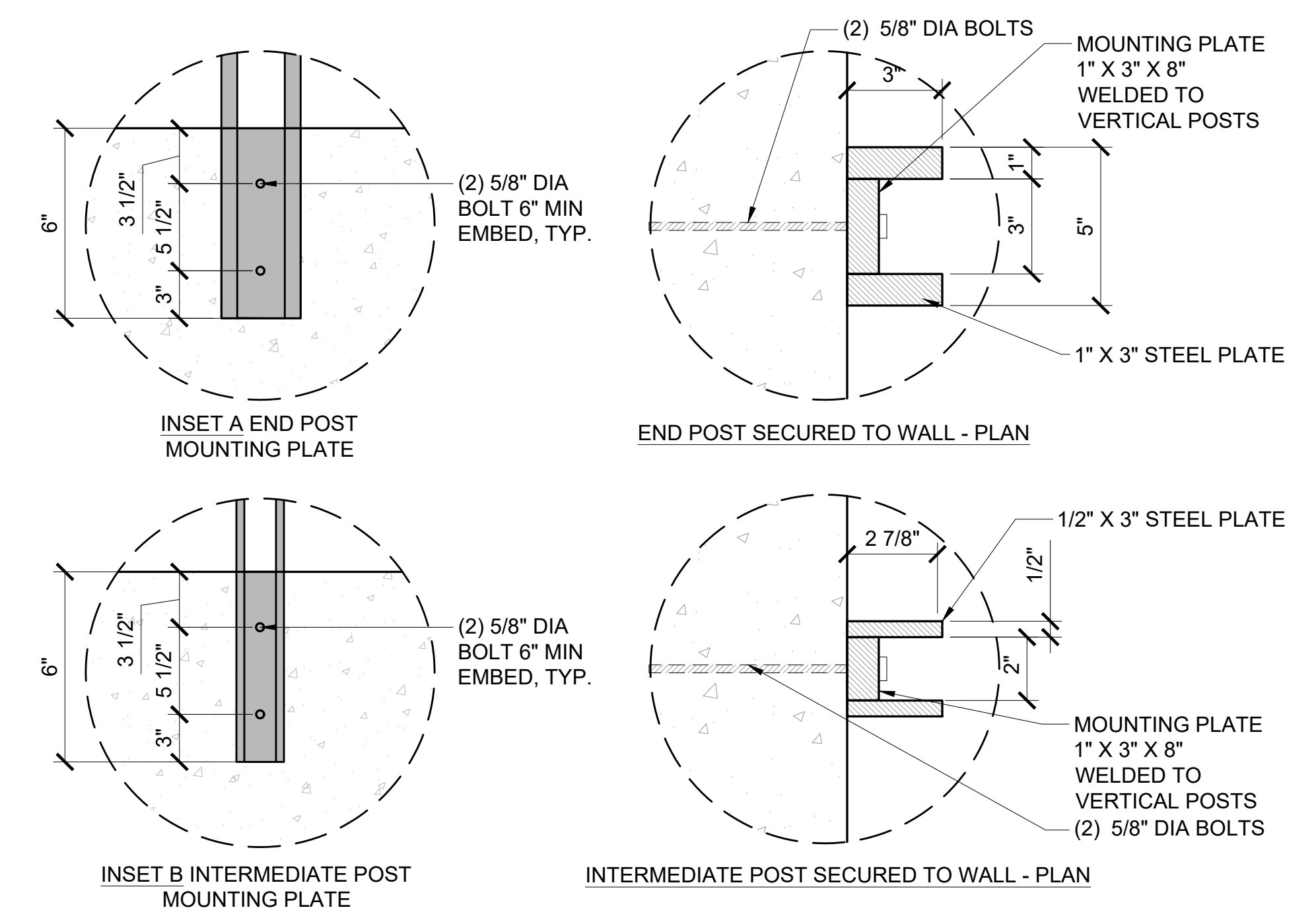
SHEET
L544



3 DETAIL - FE-01 OUTLET STRUCTURE GUARDRAIL CORNER ASSEMBLY
3/4" = 1'-0" P-20.199-72



2 DETAIL - GUARDRAIL VERTICAL MOUNTING PLATE
3/4" = 1'-0" P-20.199-198

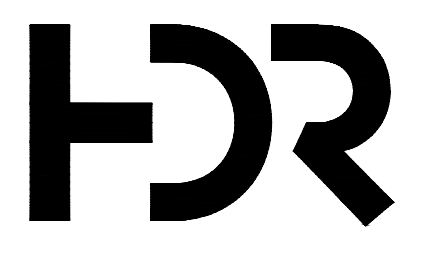


1 DETAIL - FE-01 OUTLET STRUCTURE GUARDRAIL CORNER ELEVATION
3/4" = 1'-0" P-20.199-33

- NOTE:**
1. ALL METAL BARS & TUBES ARE TO BE GALVANIZED, WELDED PRIOR TO GALVANIZATION. SUBMIT SAMPLES FOR APPROVAL.
 2. JOINTS TO BE WELDED BETWEEN BARS & TUBES, CUSTOM CUT ANGLE OF POST TO TOP RAIL CONNECTIONS ON SLOPED WALLS.
 3. ALL POSTS TO BE SET PLUMB, WELDED TO BASE PLATE AND ANCHORED TO CONCRETE WALLS WITH FABRICATOR RECOMMENDED FASTENERS.
 4. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO APPROVING FABRICATION OF ANY GUARDRAIL COMPONENTS.
 5. TENSION & ANCHOR HARDWARE TO BE STAINLESS STEEL, SIZE PER FABRICATORS RECOMMENDATIONS.



MINNEHAHA CREEK WATERSHED DISTRICT



DF/ DAMON FARBER LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

ISSUE	DATE	DESCRIPTION	PROJECT NUMBER
C	03/28/2023	100% DESIGN	10268112
B	09/14/2022	90% DESIGN	
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PROJECT MANAGER ANDREW F. JUDD

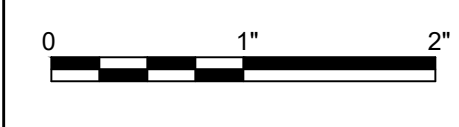
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

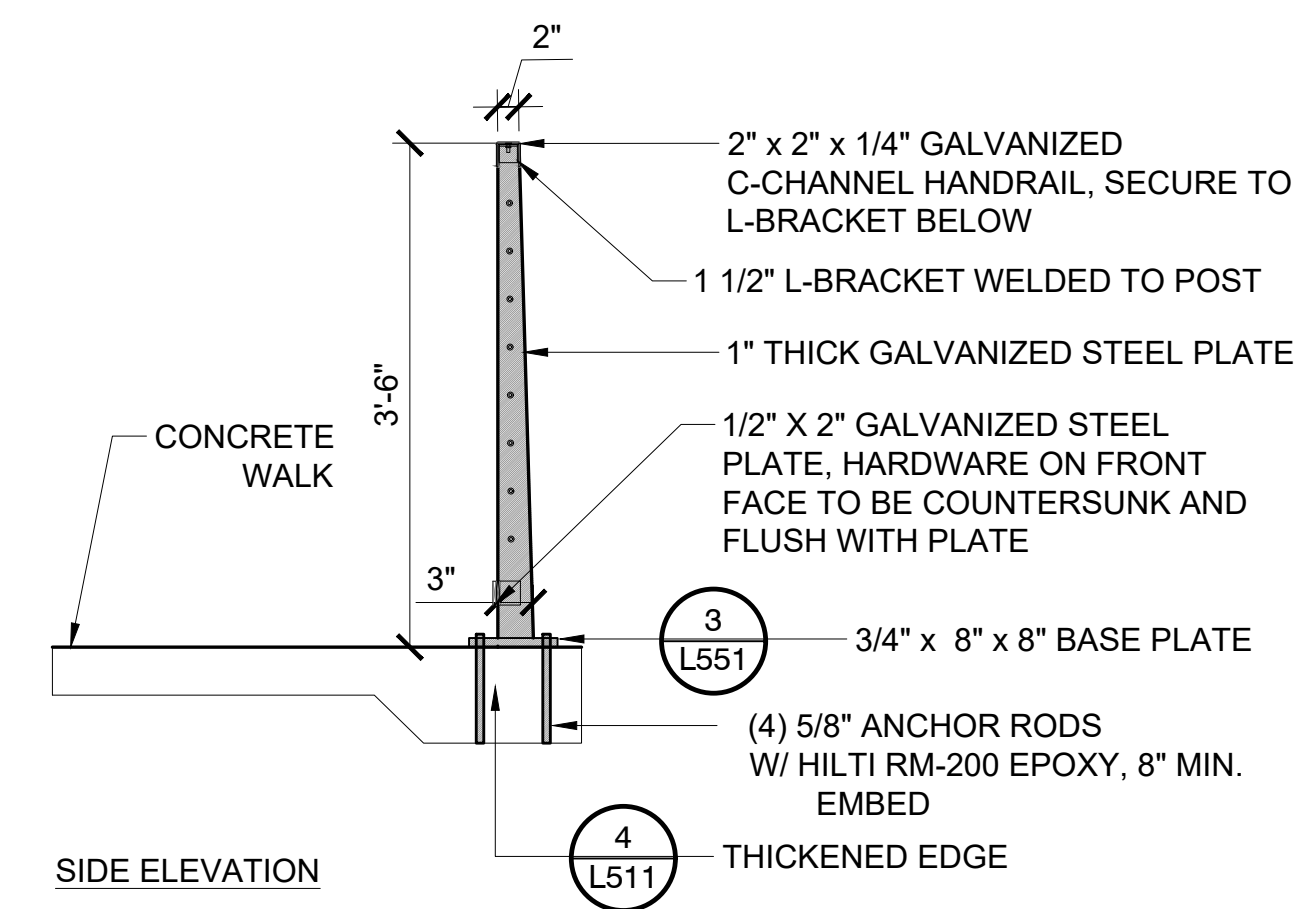
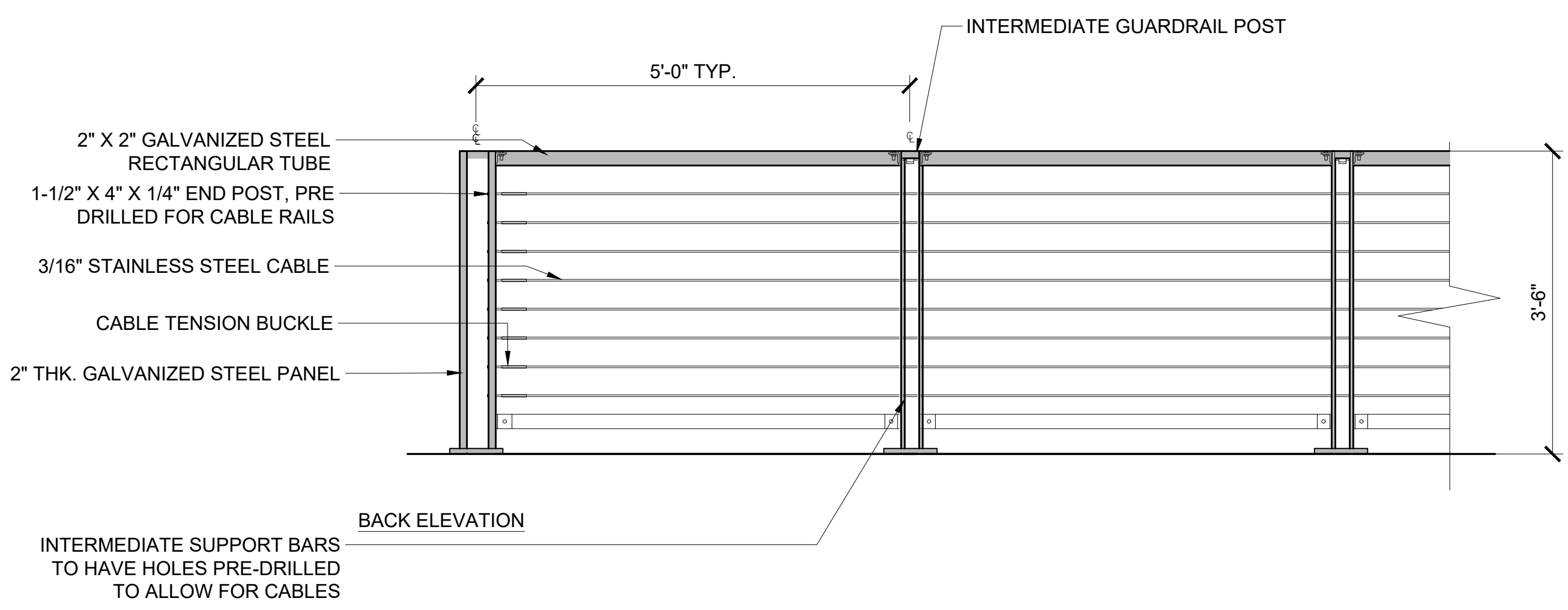
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - GUARDRAIL



FILENAME
SCALE AS SHOWN

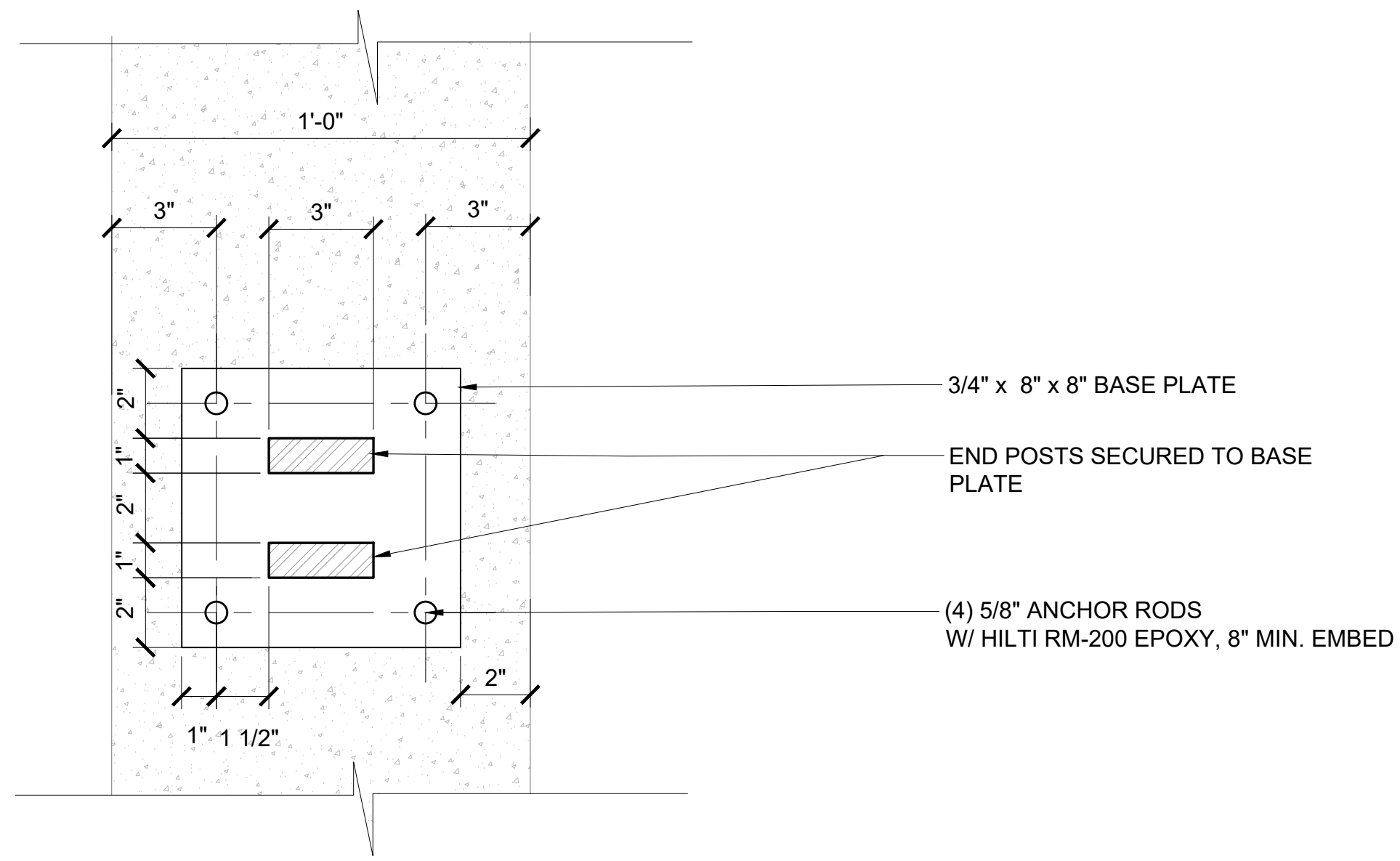
SHEET
L550



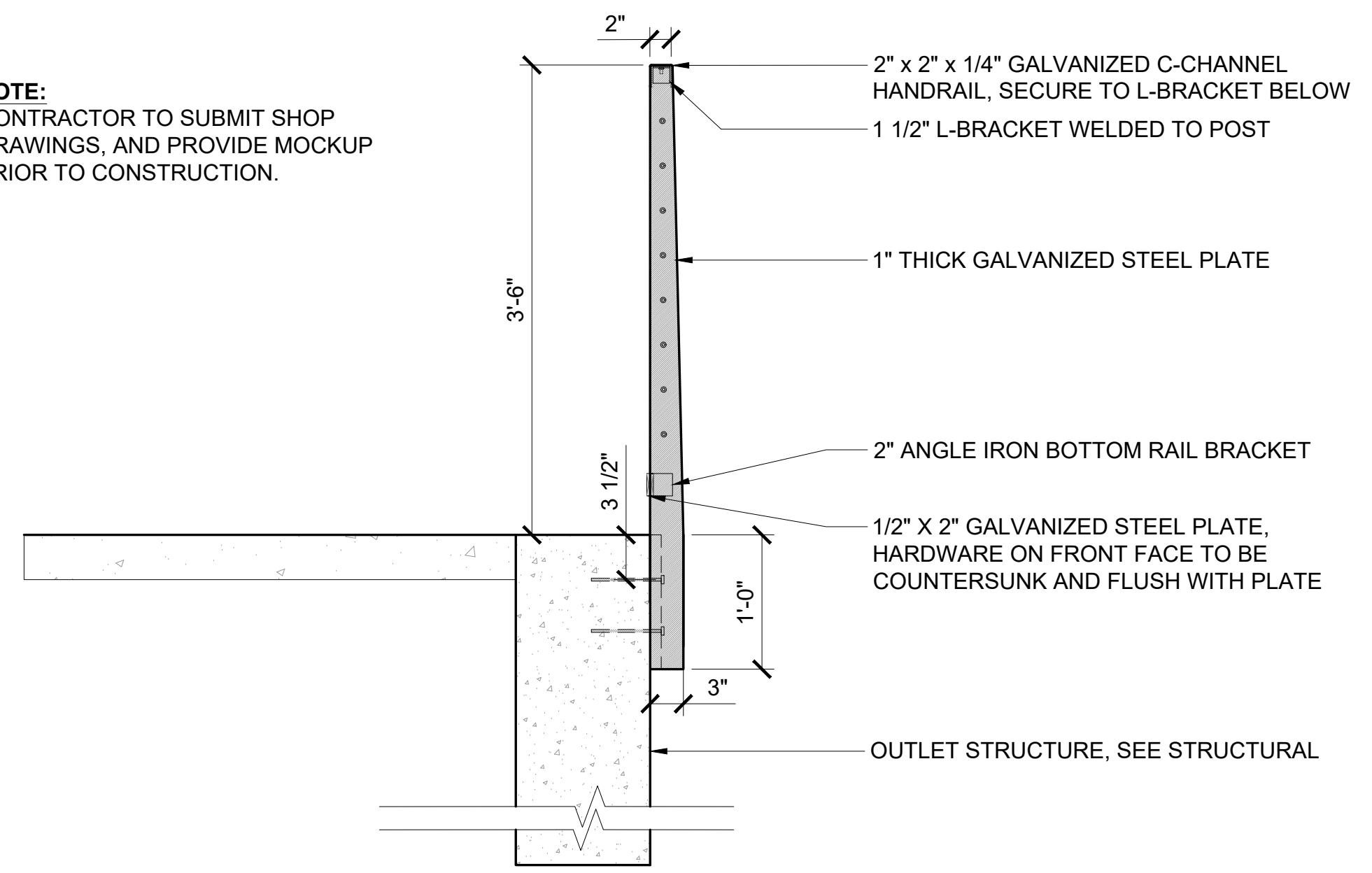
- NOTE:**
1. ALL METAL BARS & TUBES ARE TO BE GALVANIZED, WELDED PRIOR TO GALVANIZATION.
 2. JOINTS TO BE WELDED BETWEEN BARS & TUBES, CUSTOM CUT ANGLE OF POST TO TOP RAIL CONNECTIONS ON SLOPED WALLS.
 3. ALL POSTS TO BE SET PLUMB, WELDED TO BASE PLATE AND ANCHORED TO CONCRETE WALLS WITH FABRICATOR RECOMMENDED FASTENERS.
 4. TENSION & ANCHOR HARDWARE TO BE STAINLESS STEEL, SIZE PER FABRICATORS RECOMMENDATIONS.

2 DETAIL - FENCE TYPE 1E - FOUR CABLE GUARDRAIL
3/4" = 1'-0"

P-20.199-190



NOTE:
CONTRACTOR TO SUBMIT SHOP DRAWINGS, AND PROVIDE MOCKUP PRIOR TO CONSTRUCTION.



3 DETAIL - POST BASE PLATE
3" = 1'-0"

P-20.199-214

1 DETAIL - FE-01 OUTLET STRUCTURE GUARDRAIL SECTION
1" = 1'-0"

P-20.199-34



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

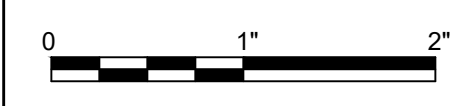
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

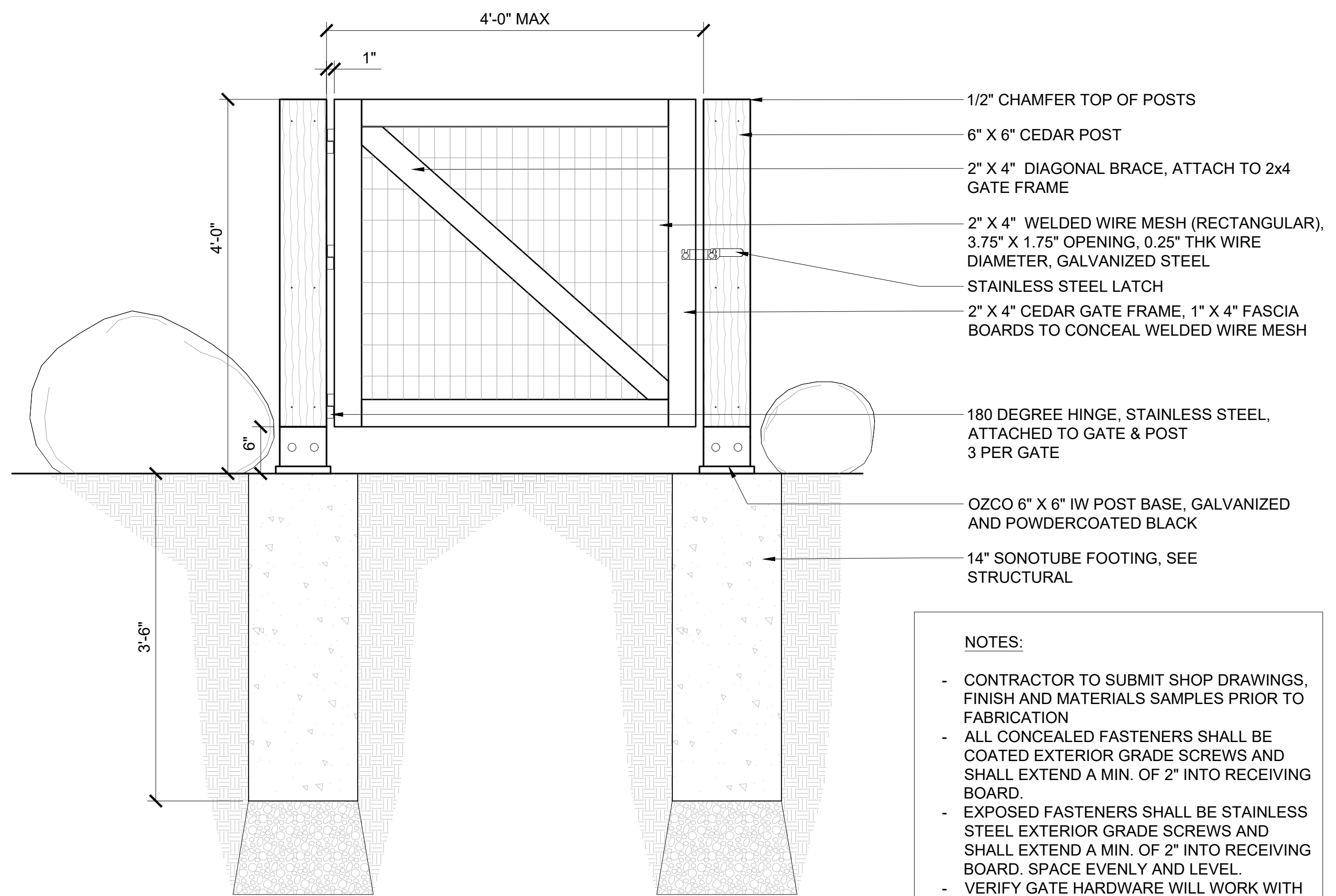
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - GUARDRAIL



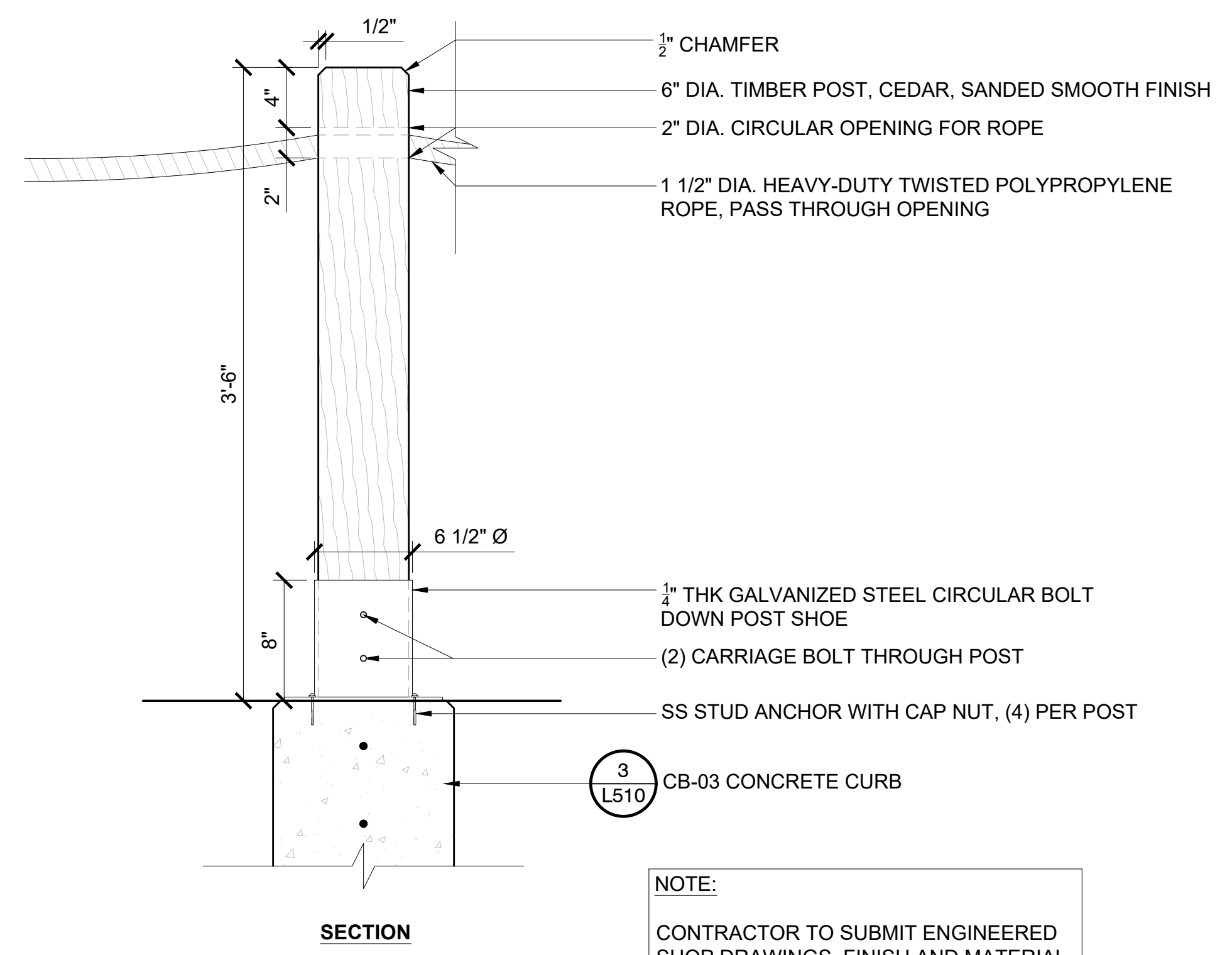
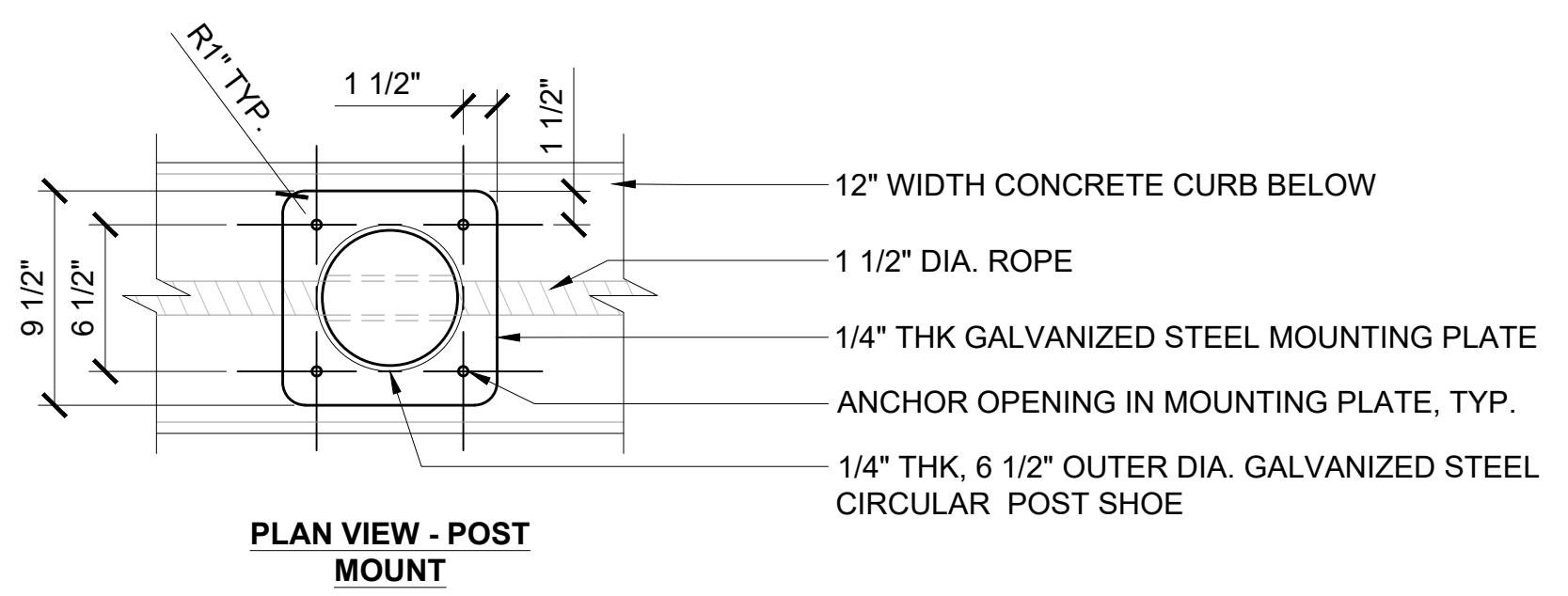
FILENAME
SCALE AS SHOWN

SHEET
L551



NOTES:

- CONTRACTOR TO SUBMIT SHOP DRAWINGS, FINISH AND MATERIALS SAMPLES PRIOR TO FABRICATION
- ALL CONCEALED FASTENERS SHALL BE COATED EXTERIOR GRADE SCREWS AND SHALL EXTEND A MIN. OF 2" INTO RECEIVING BOARD.
- EXPOSED FASTENERS SHALL BE STAINLESS STEEL EXTERIOR GRADE SCREWS AND SHALL EXTEND A MIN. OF 2" INTO RECEIVING BOARD. SPACE EVENLY AND LEVEL.
- VERIFY GATE HARDWARE WILL WORK WITH SPECIFIED GATE DESIGN, CONTACT LANDSCAPE ARCHITECT IF MODIFICATIONS ARE NEEDED TO GATE OR HARDWARE



NOTE:
CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS, FINISH AND MATERIAL SAMPLES PRIOR TO FABRICATION

2 GA-01 PLAY AREA TIMBER GATE
1" = 1'-0"

1 DETAIL - POST AND ROPE FENCE
1 1/2" = 1'-0"

P-20.199-92

P-20.199-148



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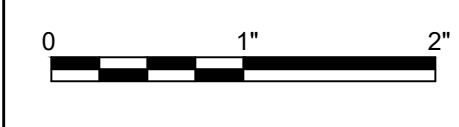
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

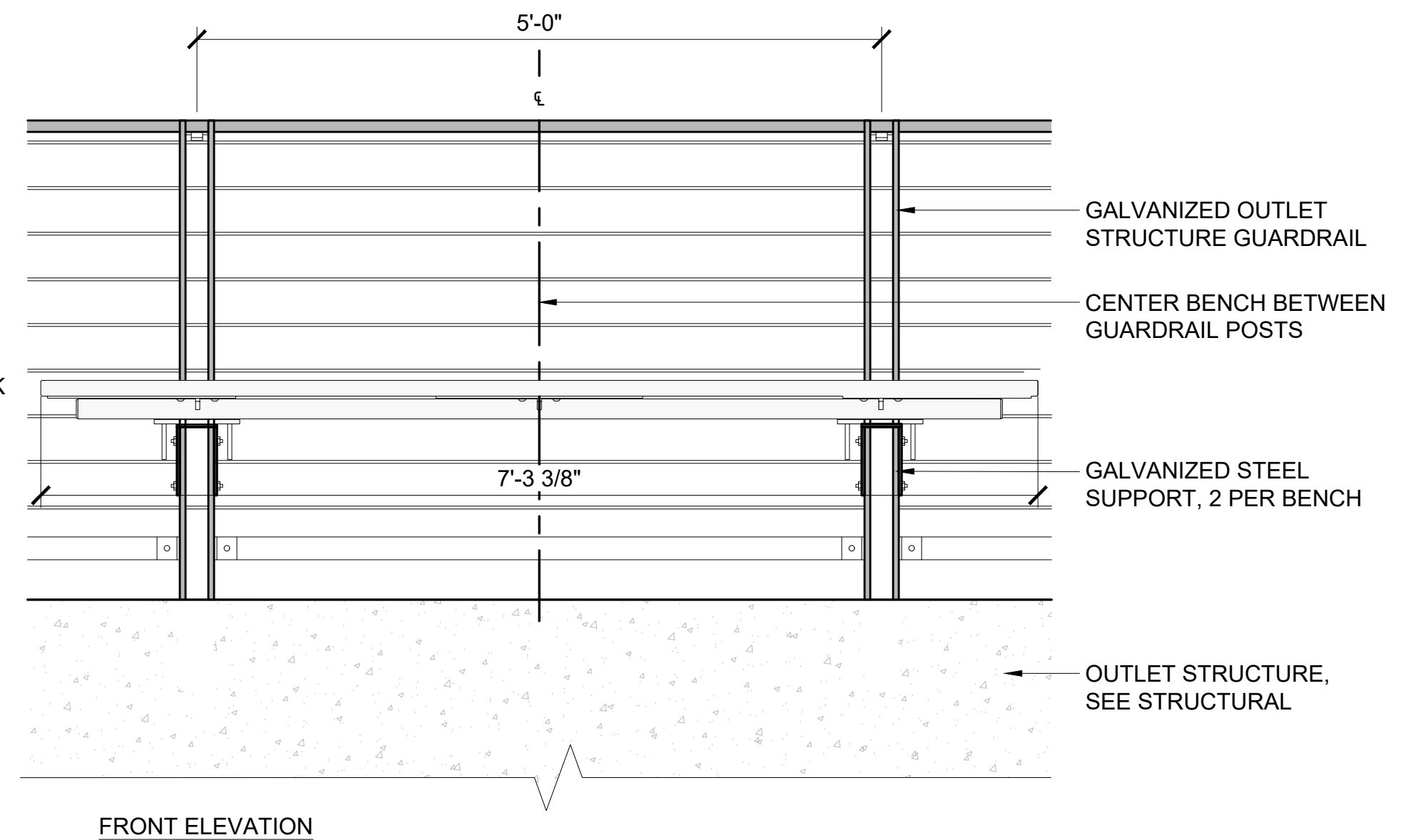
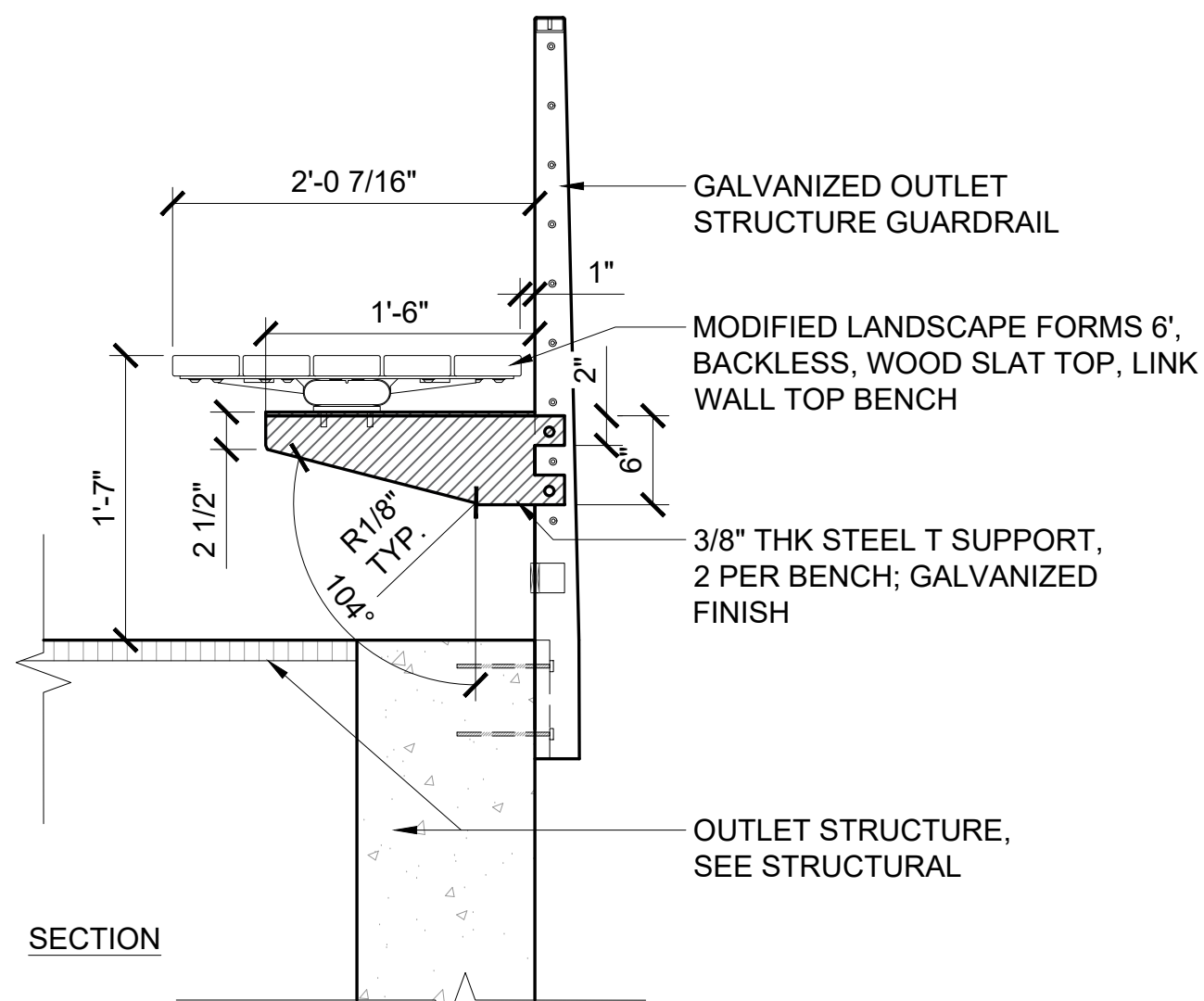
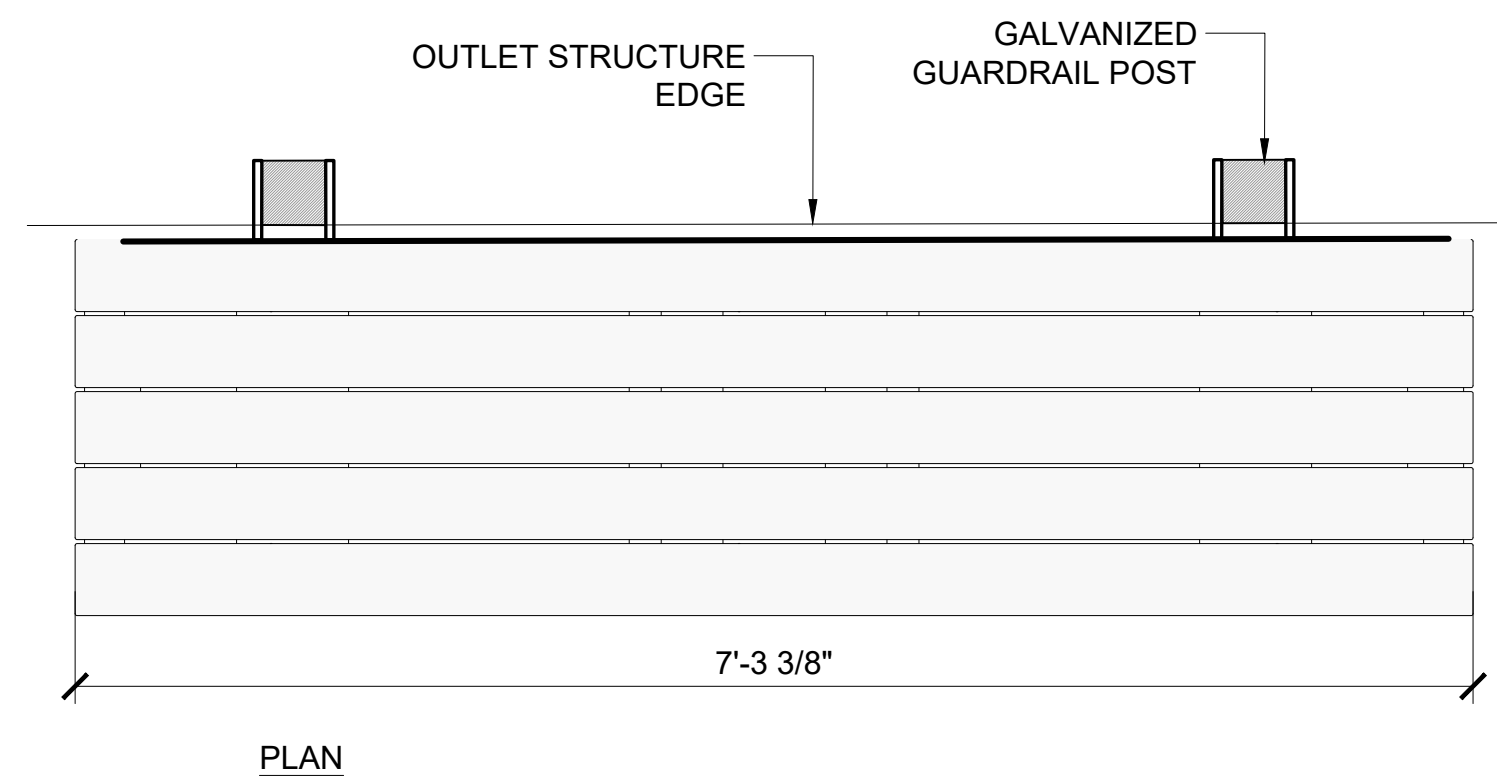
LANDSCAPE DETAILS - FENCE AND GATE



FILENAME
SCALE AS SHOWN

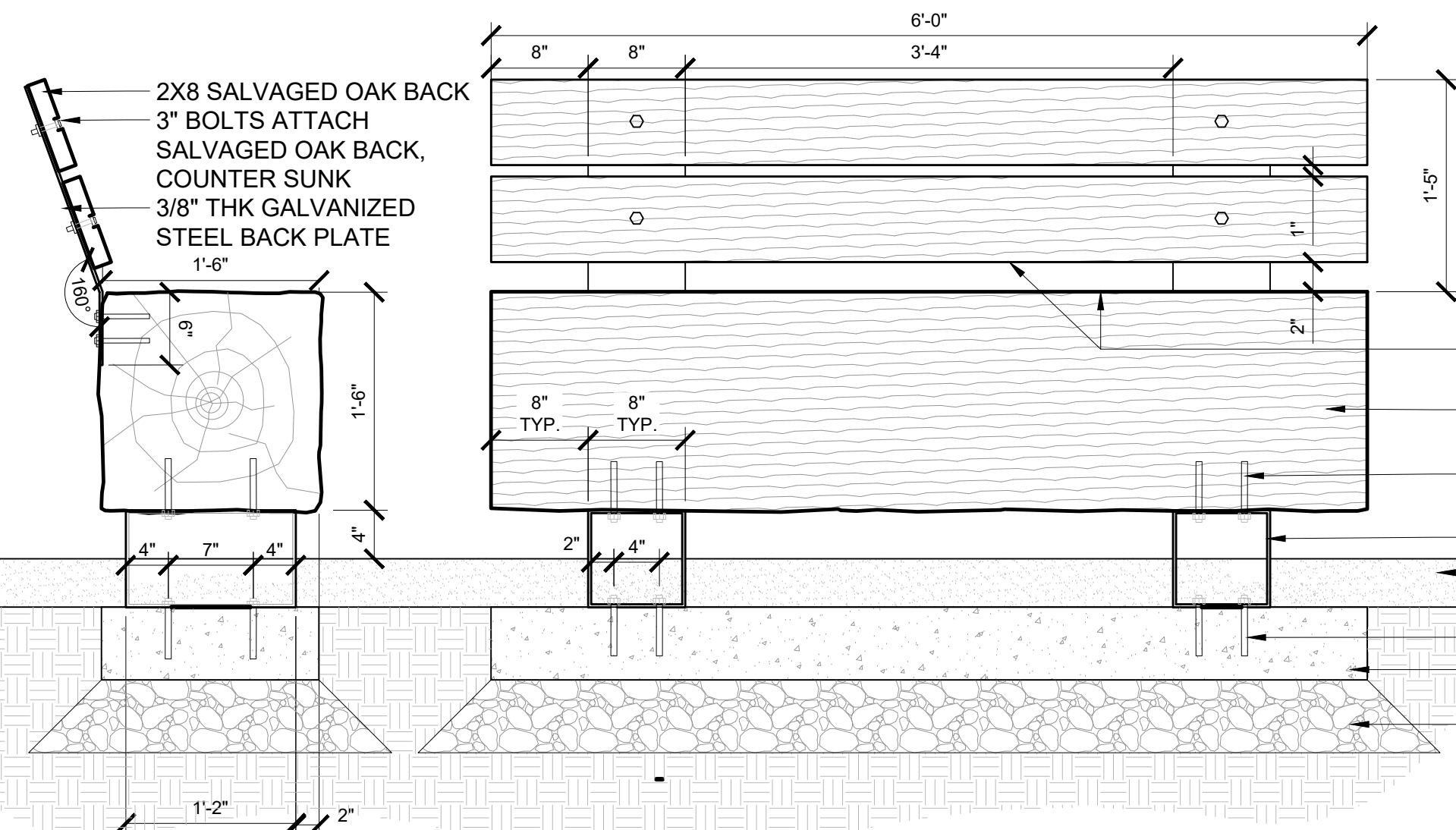
SHEET
L552

NOTE: CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS, FINISH AND MATERIAL SAMPLES PRIOR TO FABRICATION



3 DETAIL - SF-01A OUTLET STRUCTURE BENCH
1" = 1'-0"

P-20.199-175

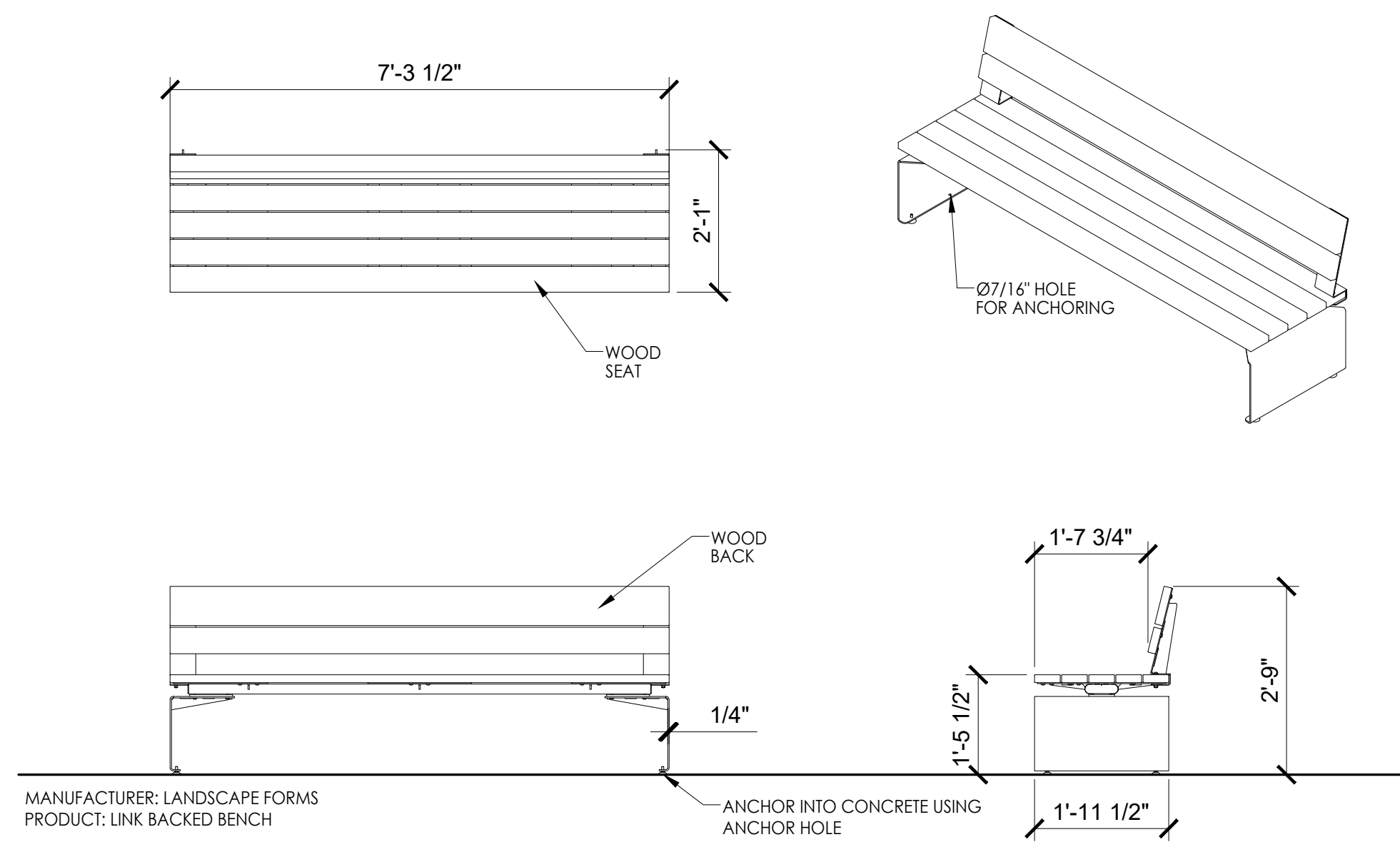


NOTES:
PROVIDE SHOP DRAWING TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
BURY COURSE AS NEEDED TO MEET PROPOSED GRADES. KEEP TOP OF BENCH LEVEL.
ALL WOOD TO BE KILN DRIED

SAND SEAT AND BACK REST SURFACES, EDGES, AND CORNERS
6' SALVAGED OAK TIMBER BENCH, CUT TOP TO BE FLAT
4" BOLTS ATTACH GALVANIZED POST TO TIMBER BLOCK
8" X 8" X 1/4" GALVANIZED STEEL TUBE
LANDING MIX, RAKE LEVEL, THICKEN AT EDGES, REFER TO PLAN FOR LOCATION
CONCRETE EXPANSION BOLTS
6" THK CONCRETE BENCH SUPPORT SLAB
6" THK COMPACTED AGGREGATE BASE 98% PROCTOR

2 DETAIL - SF-05 LANDING TIMBER BENCH
1" = 1'-0"

P-20.199-176

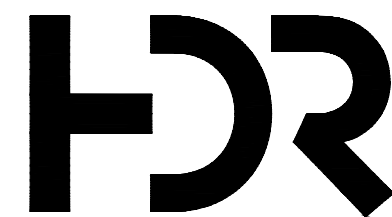


1 DETAIL-SF-01B BACKED BENCH
1/2" = 1'-0"

P-20.199-211



MINNEHAHA CREEK WATERSHED DISTRICT



401 North 2nd Avenue, Suite 410
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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER 10268112

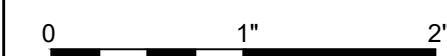
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

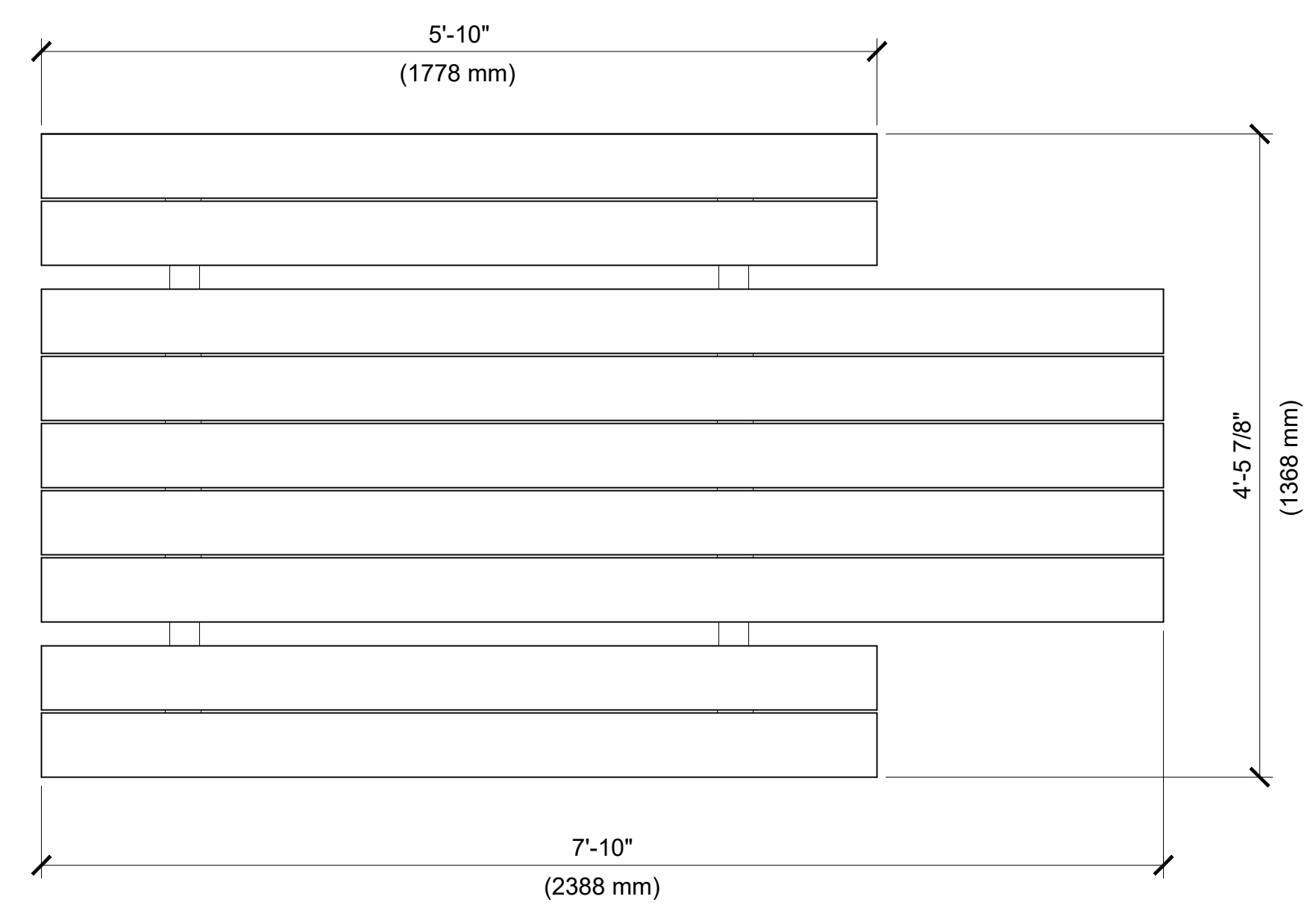
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SITE FURNISHINGS



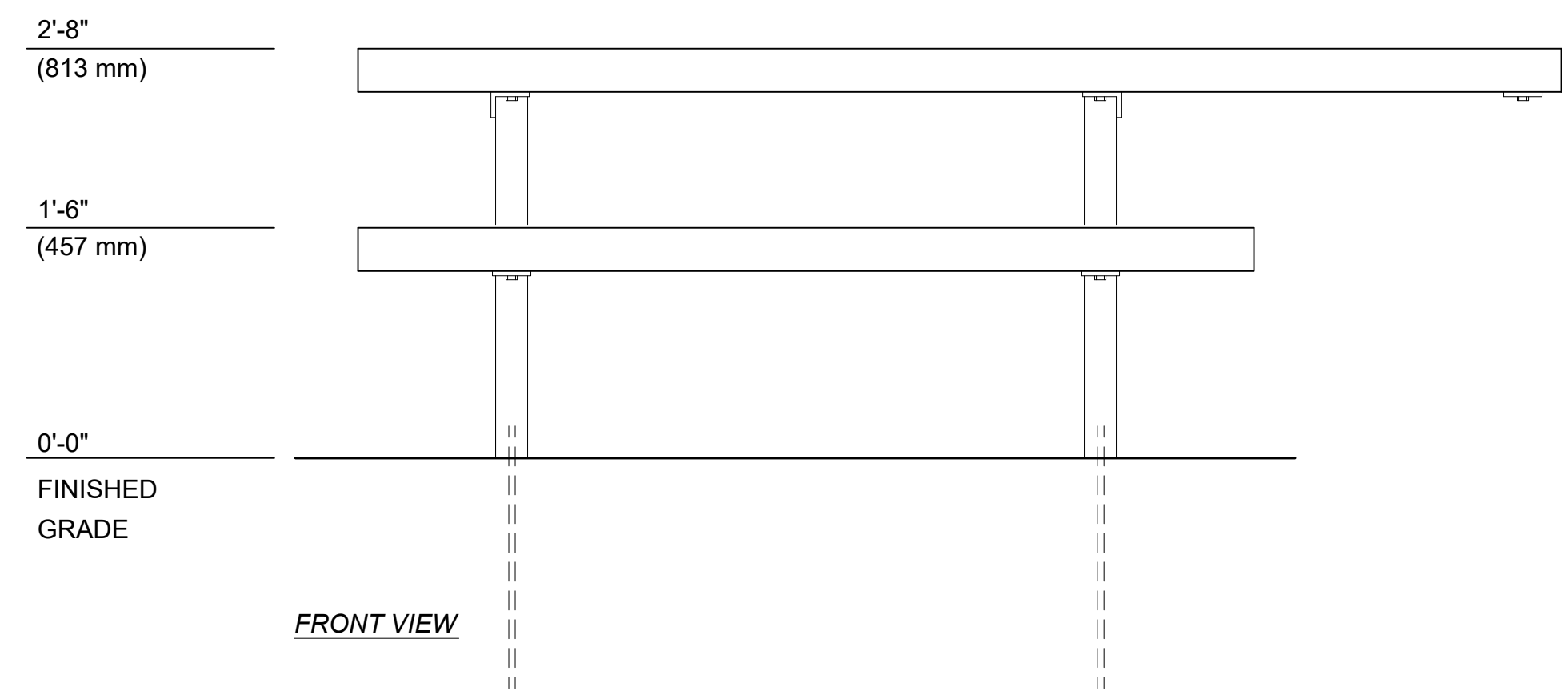
FILENAME
SCALE AS SHOWN

SHEET
L560

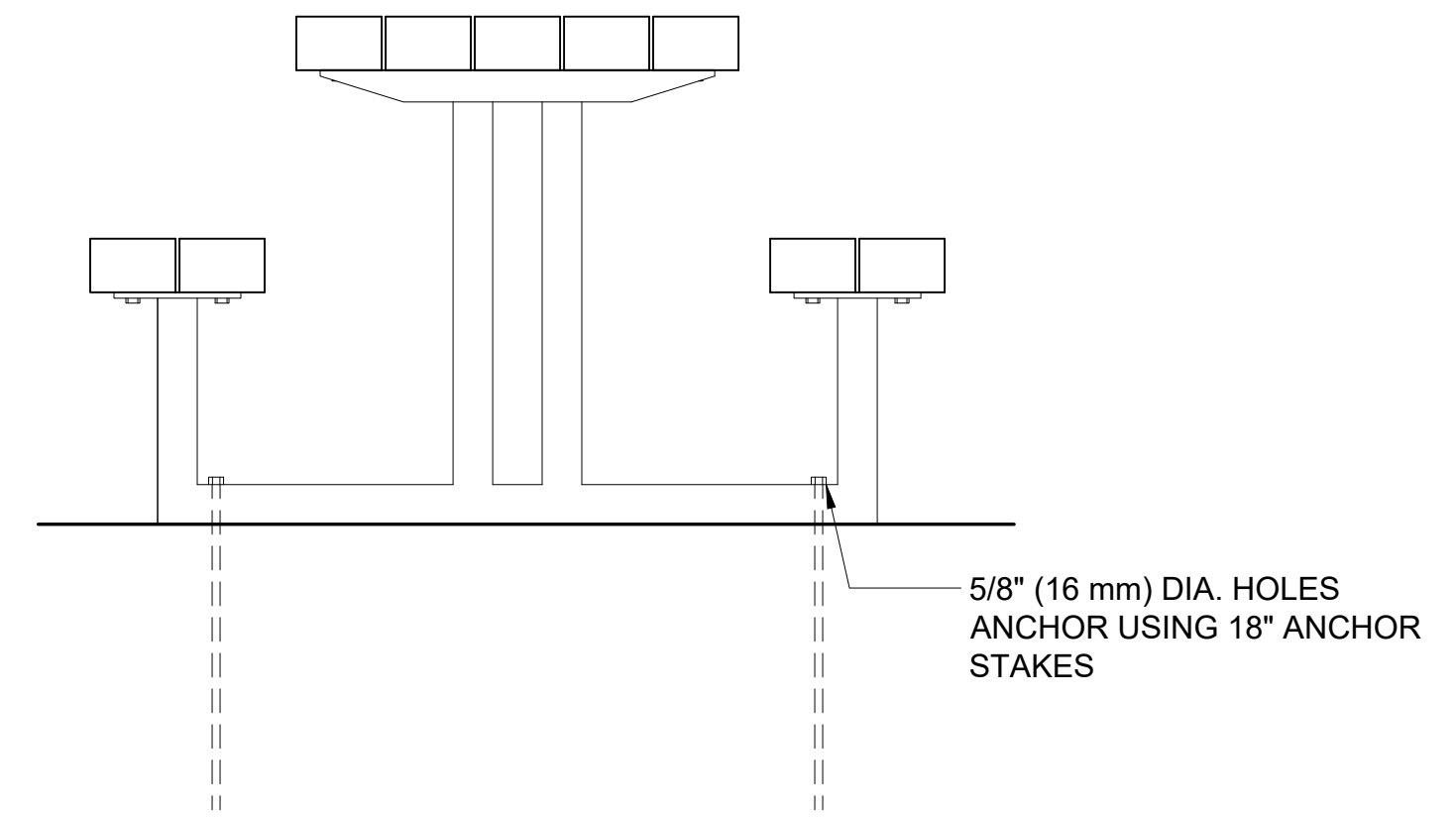


COLUMBIA CASCADE COMPANY
TIMBERFORM GREENWAY TABLES
MODEL NO. 2165-6
ACCESSIBLE PICNIC TABLE WITH SEATS

TOP VIEW



FRONT VIEW



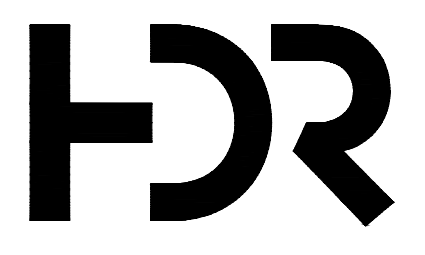
END VIEW

1 DETAIL - SF-05 PICNIC TABLE
1" = 1'-0"

P-20.199-124



MINNEHAHA CREEK
WATERSHED DISTRICT



DF/ DAMON FARBER
LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
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C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

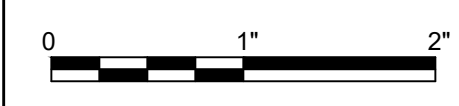
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY

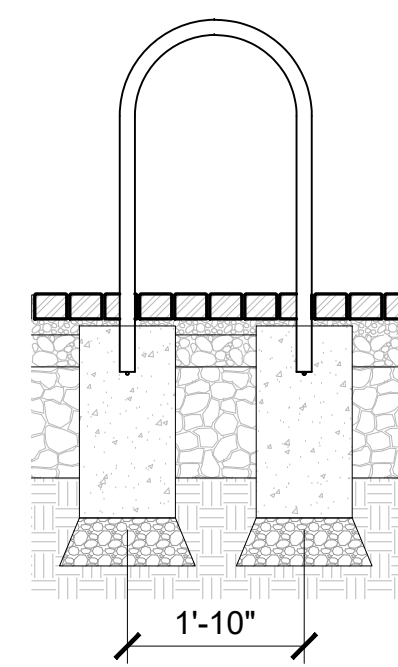
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SITE FURNISHINGS

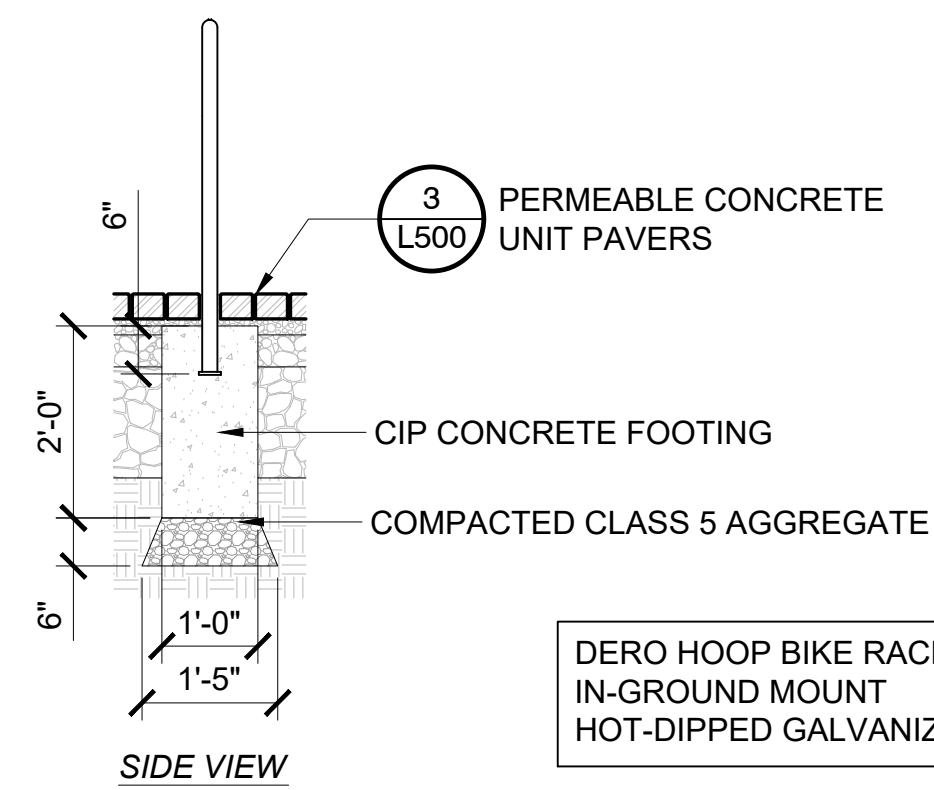


FILENAME
SCALE AS SHOWN

SHEET
L561

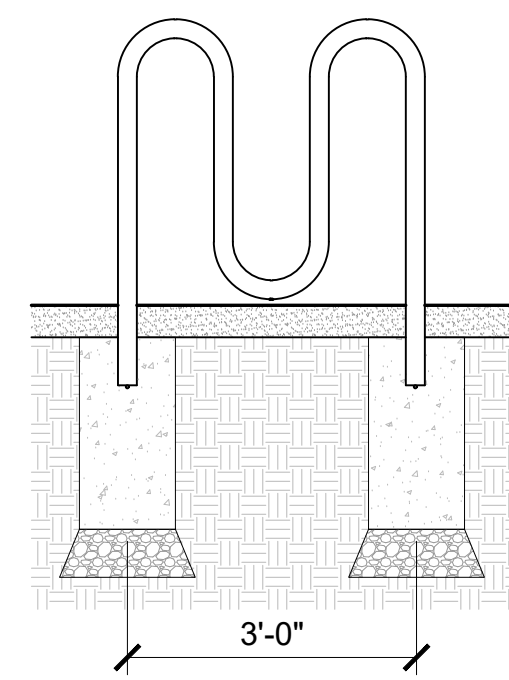


FRONT VIEW

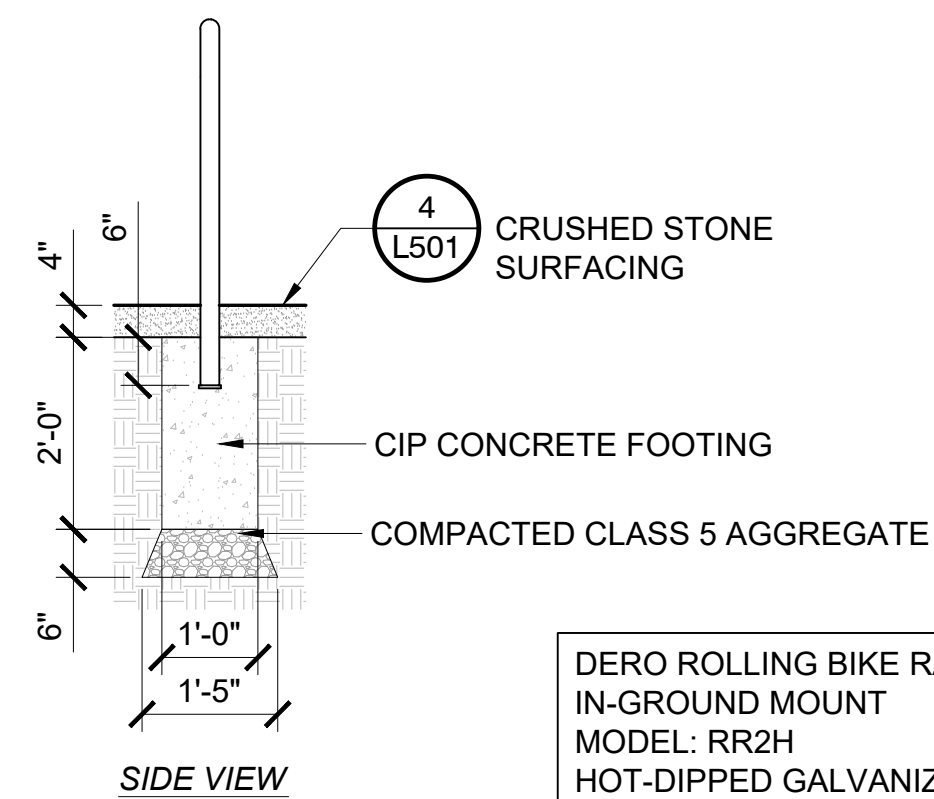


5 DETAIL - SF-04 HOOP BIKE RACK
1/2" = 1'-0"

P-20.199-139

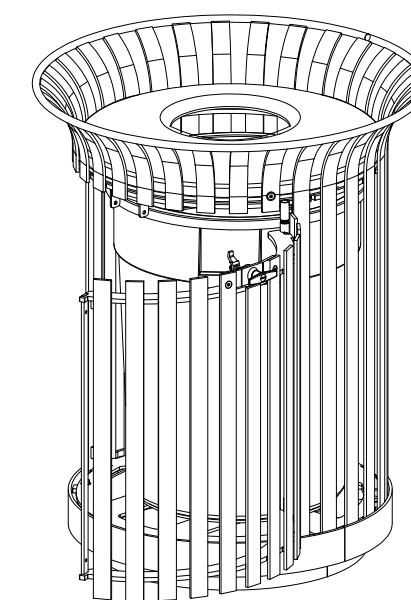


FRONT VIEW

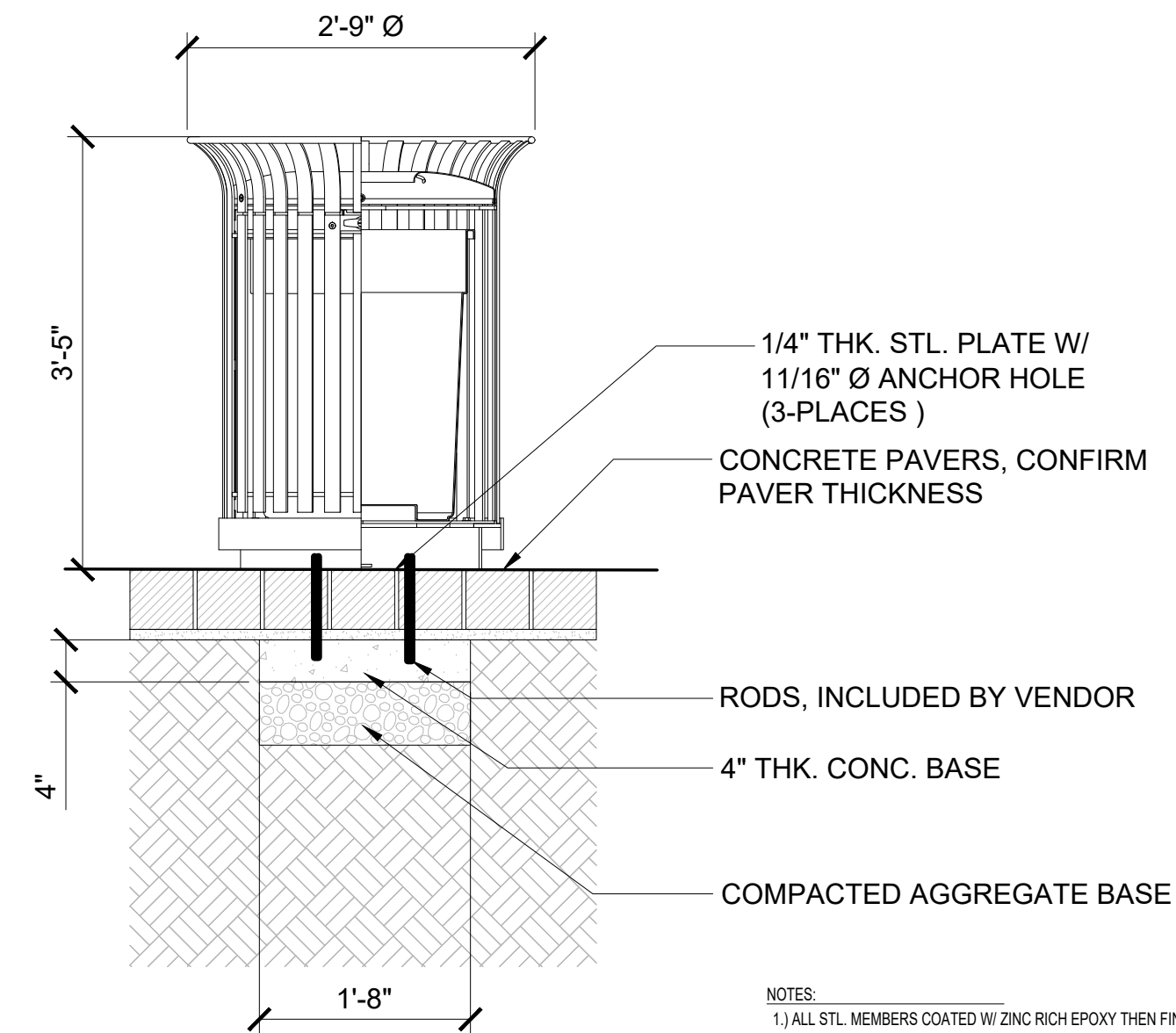


4 DETAIL - SF-03 ROLLING BIKE RACK
1/2" = 1'-0"

P-20.199-125



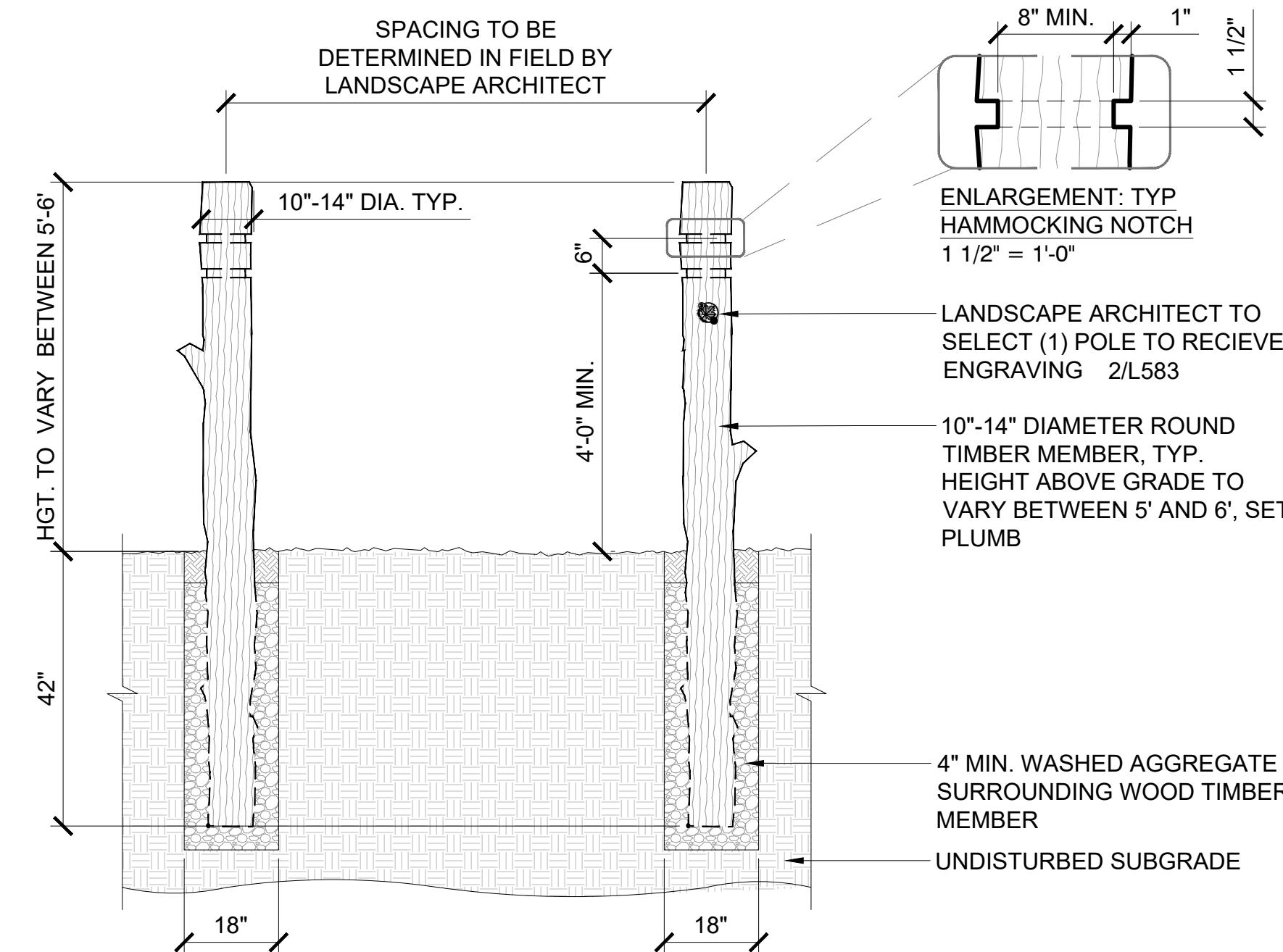
AXON VIEW



- NOTES:
- 1) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 2) 1/2" X 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
 - 3) LATCH PROVIDED W/ KEY, USE OF KEY OPTIONAL.

2 DETAIL - SF-06 WASTE RECEPTACLE
3/4" = 1'-0"

P-20.199-79



NOTES:

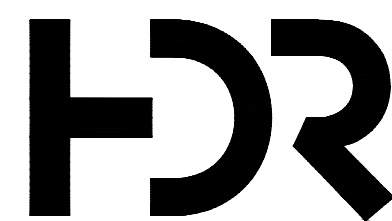
1. ROUND TIMBER MEMBERS TO BE DE-BARKED AND KILN DRIED, RECLAIMED FROM SITE. WOOD SURFACE TO BE SANDED SMOOTH WITH MINIMUM 80 GRIT. BRANCHES TO BE SANDED SMOOTH WITH NATURAL "CHARACTER" TO REMAIN WITH VARIATIONS. CUT ENDS OF BRANCHES SO THAT THEY SHED WATER AND HAVE 1/2" CHAMFER AT THE END CUT. REFER TO SPECIFICATIONS.
2. FEATURE SHALL BE REVIEWED FOR SHARP POINTS.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO OWNER / LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

1 DETAIL - SF-02 HAMMOCK POLE
1/2" = 1'-0"

P-20.199-105



MINNEHAHA CREEK
WATERSHED DISTRICT



DF/ DAMON FARBER
LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

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A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
----------------	----------

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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

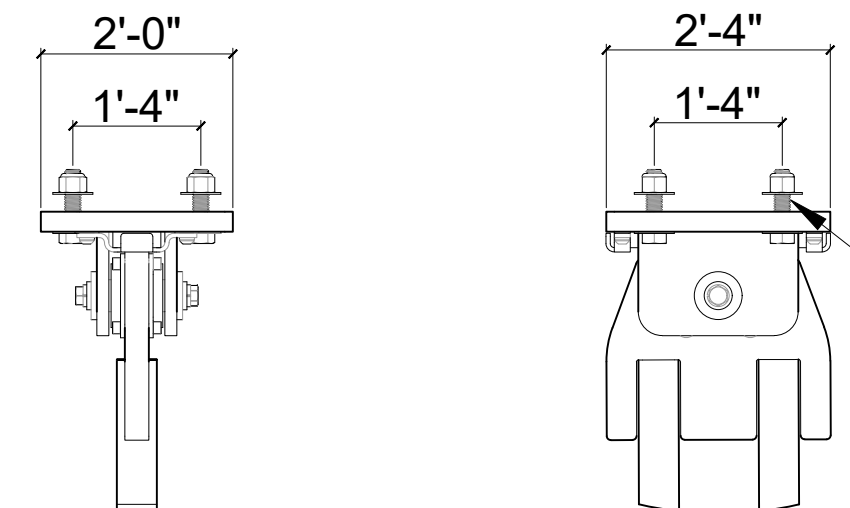
LANDSCAPE DETAILS - SITE FURNISHINGS



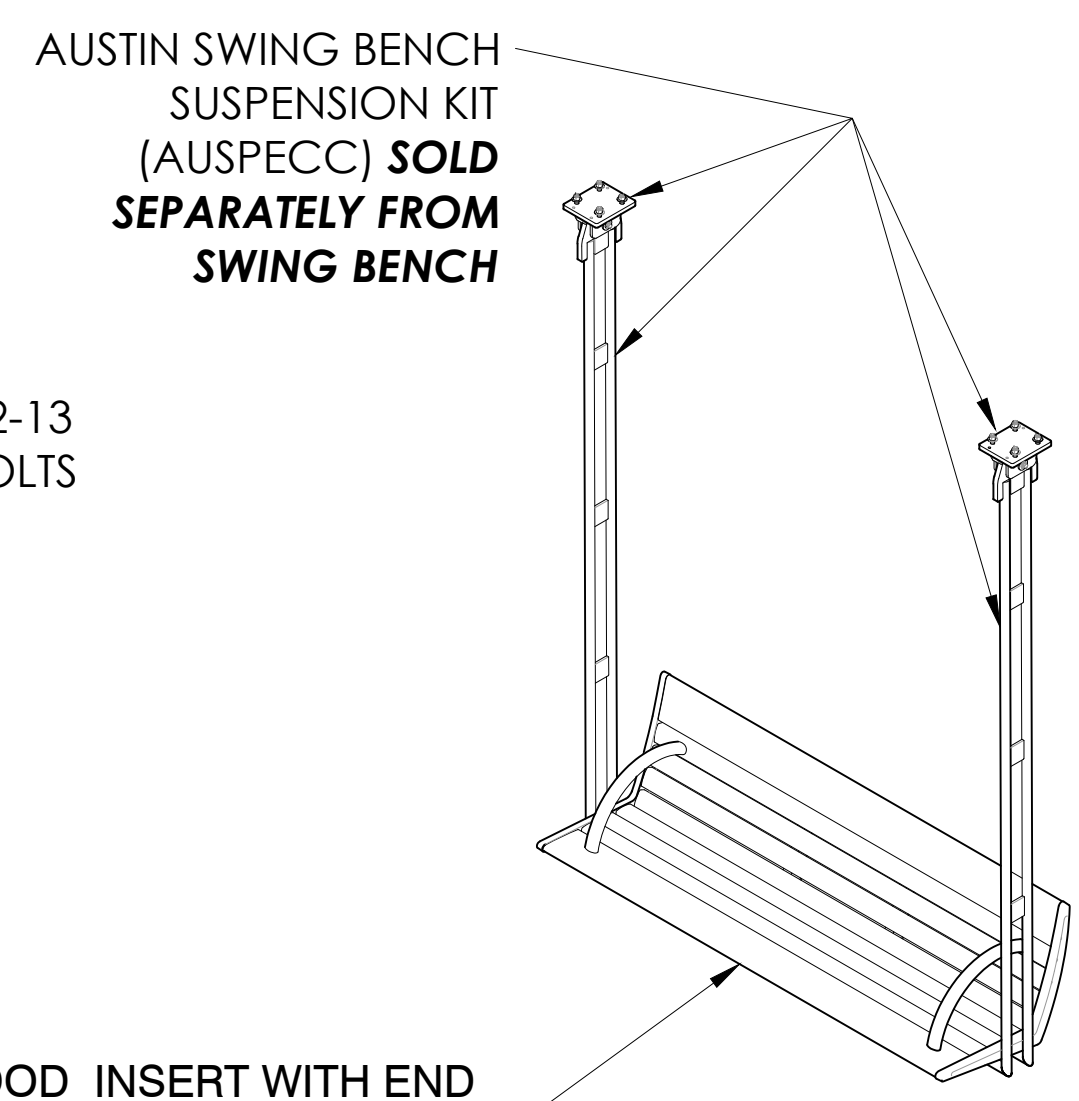
FILENAME
SCALE AS SHOWN

SHEET
L562

THE CONNECTION HARDWARE WILL BE PROVIDED BY LANDSCAPEFORMS: (4X Ø1/2-13 A325 GALVANIZED BOLTS)

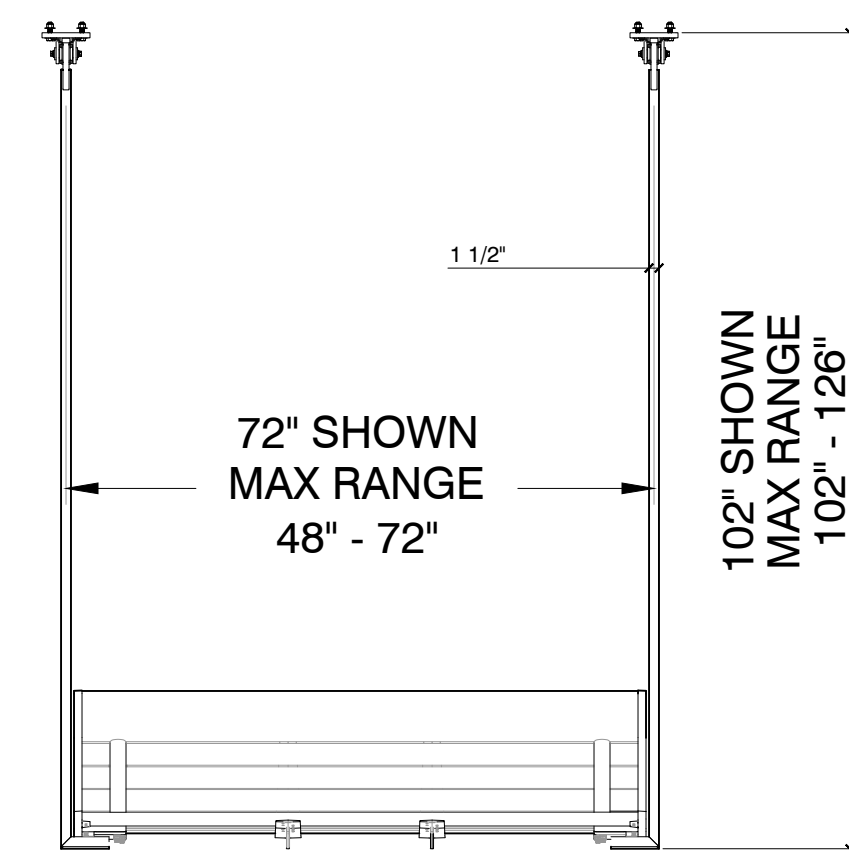
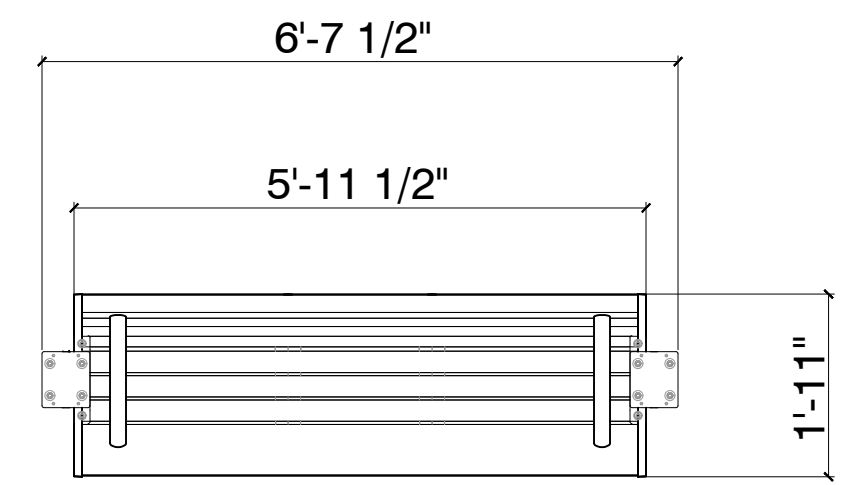


DETAIL A - VERTICAL BOLT CLAMP
SCALE: N/A



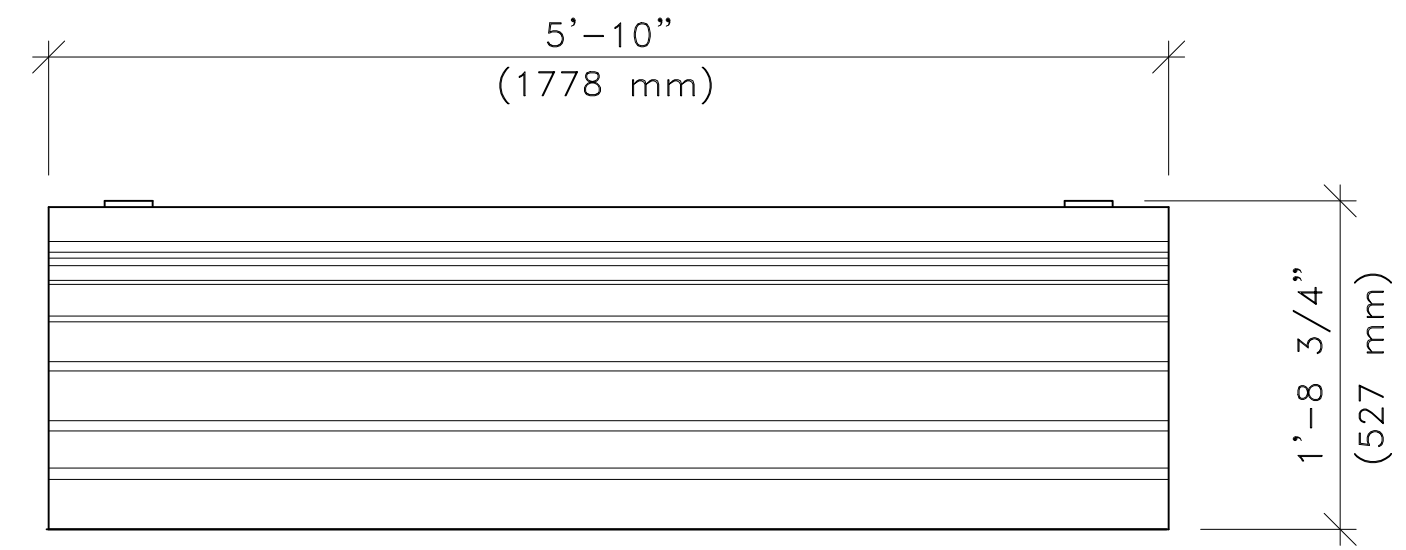
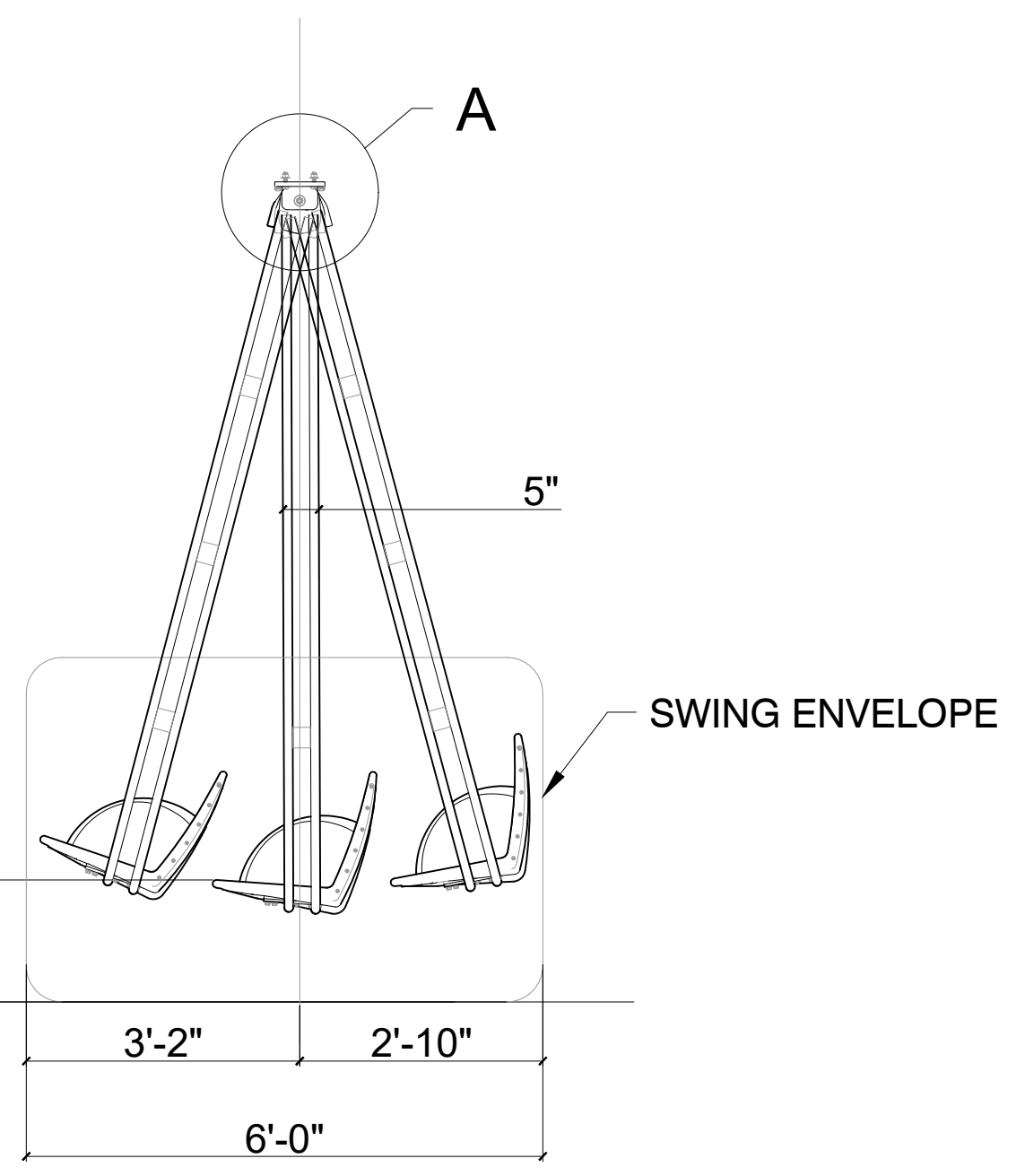
4X Ø1/2-13 A325 BOLTS

WOOD INSERT WITH END ARMS, SEE SPECS

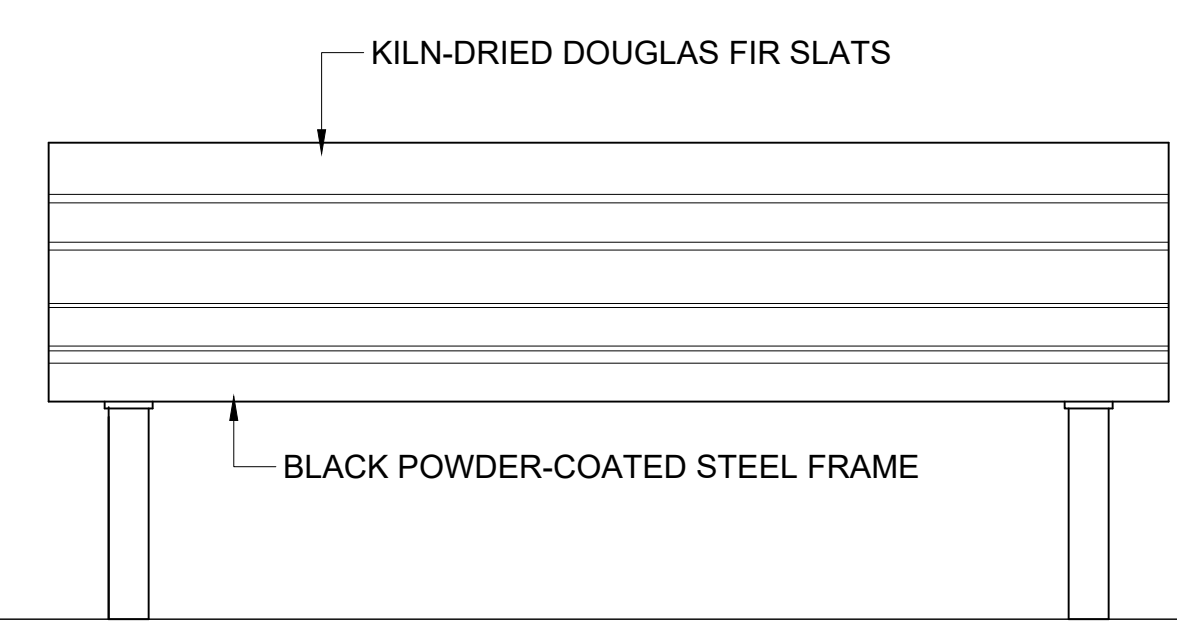


GRADE
Landscape Forms - Austin Swing Bench, 48" - 72" backed, end arms, aluminum/wood seating, 102" - 126" Suspension Hangers with Vertical Bolt (C) Clamps

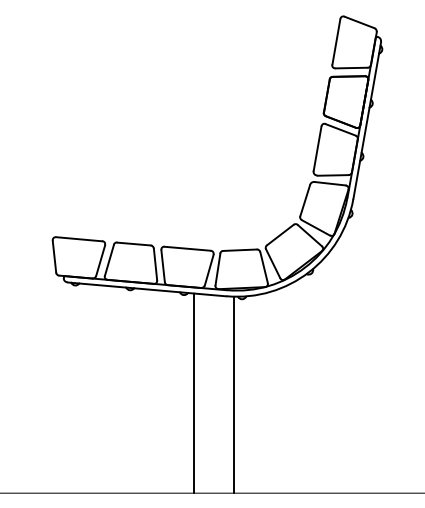
2 DETAIL-SWING BENCH
1/2" = 1'-0"



TOP VIEW

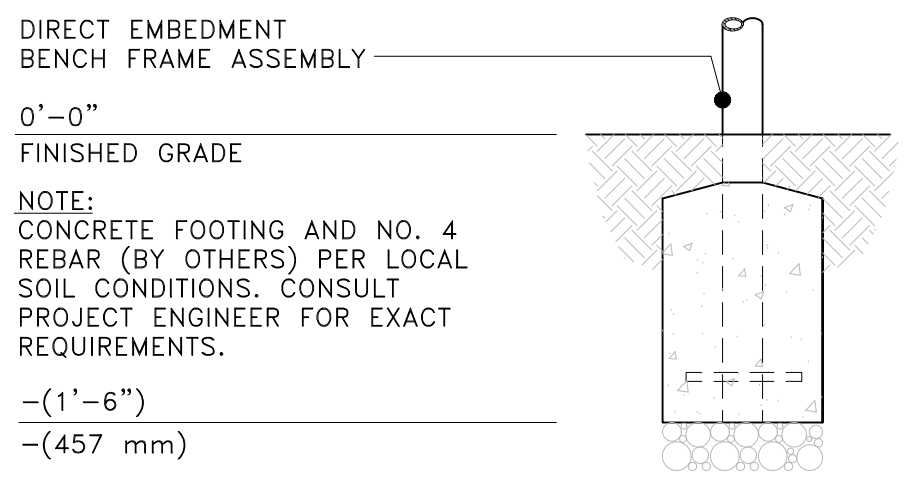


FRONT VIEW



END VIEW

AVAILABLE IN 3', 4', 6' (SHOWN), 7', 8', 10', 12', 13', & 14' NOMINAL LENGTHS. OTHER LENGTHS AVAILABLE UPON REQUEST.



2140-6-E (DIRECT EMBEDMENT)

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1300 S.W. Sixth Avenue, Suite 310 Telephone 503/223-1157
Portland, Oregon 97201-3464 Facsimile 503/223-4530
U.S.A. WWW.TIMBERFORM.COM

Title: TIMBERFORM GREENWAY
MODEL NO. 2140-6
CONTOUR BENCH

Scale 3/4"=1'-0" Drawn by: AT 07-04-10
Ck'd by:

Drawing No. W-2140-6 Sheet 1 of 1

1 DETAIL - SF-08 BACKED BENCH @ NATURE PLAY AREA
1" = 1'-0"

PROJECT MANAGER ANDREW F. JUDD

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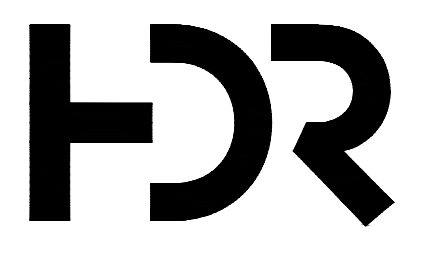
THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

PROJECT NUMBER 10268112

ISSUE	DATE	DESCRIPTION
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MINNEHAHA CREEK WATERSHED DISTRICT



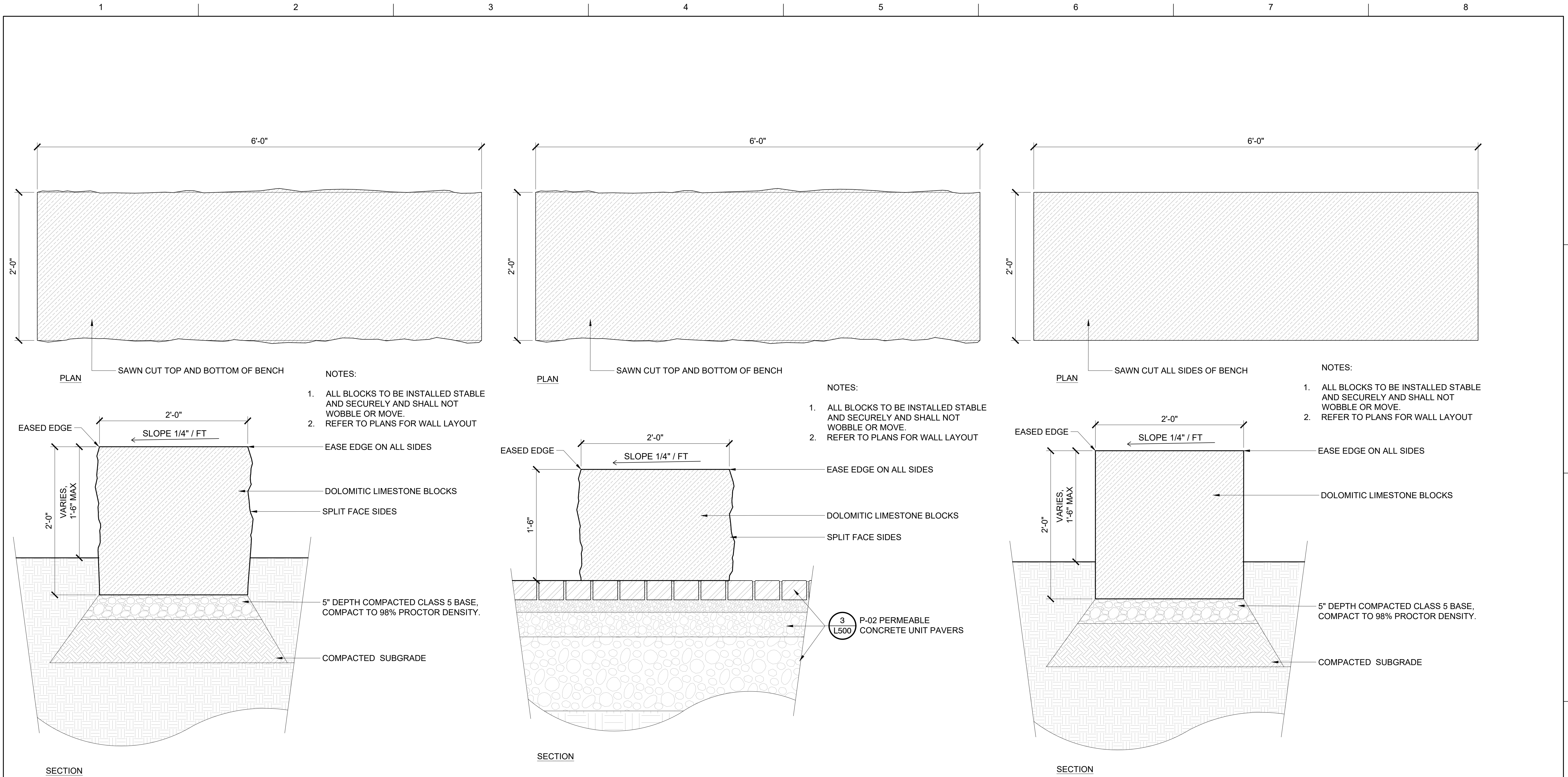
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Minneapolis, MN 55401 p: 612.332.7522

LANDSCAPE DETAILS - SITE FURNISHINGS



FILENAME SCALE AS SHOWN

SHEET L563



1 DETAIL - SF-09A LIMESTONE BLOCK BENCH ON AGGREGATE - SPLIT FACE 1 1/2" = 1'-0" P-20.199-191

2 DETAIL - SF-09B LIMESTONE BLOCK BENCH ON PAVEMENT 1 1/2" = 1'-0" P-20.199-193

3 DETAIL - SF-09C LIMESTONE BLOCK BENCH ON AGGREGATE - SAWN FACE 1 1/2" = 1'-0" P-20.199-210



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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
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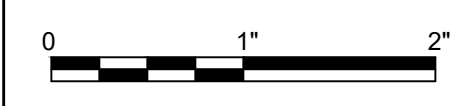
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

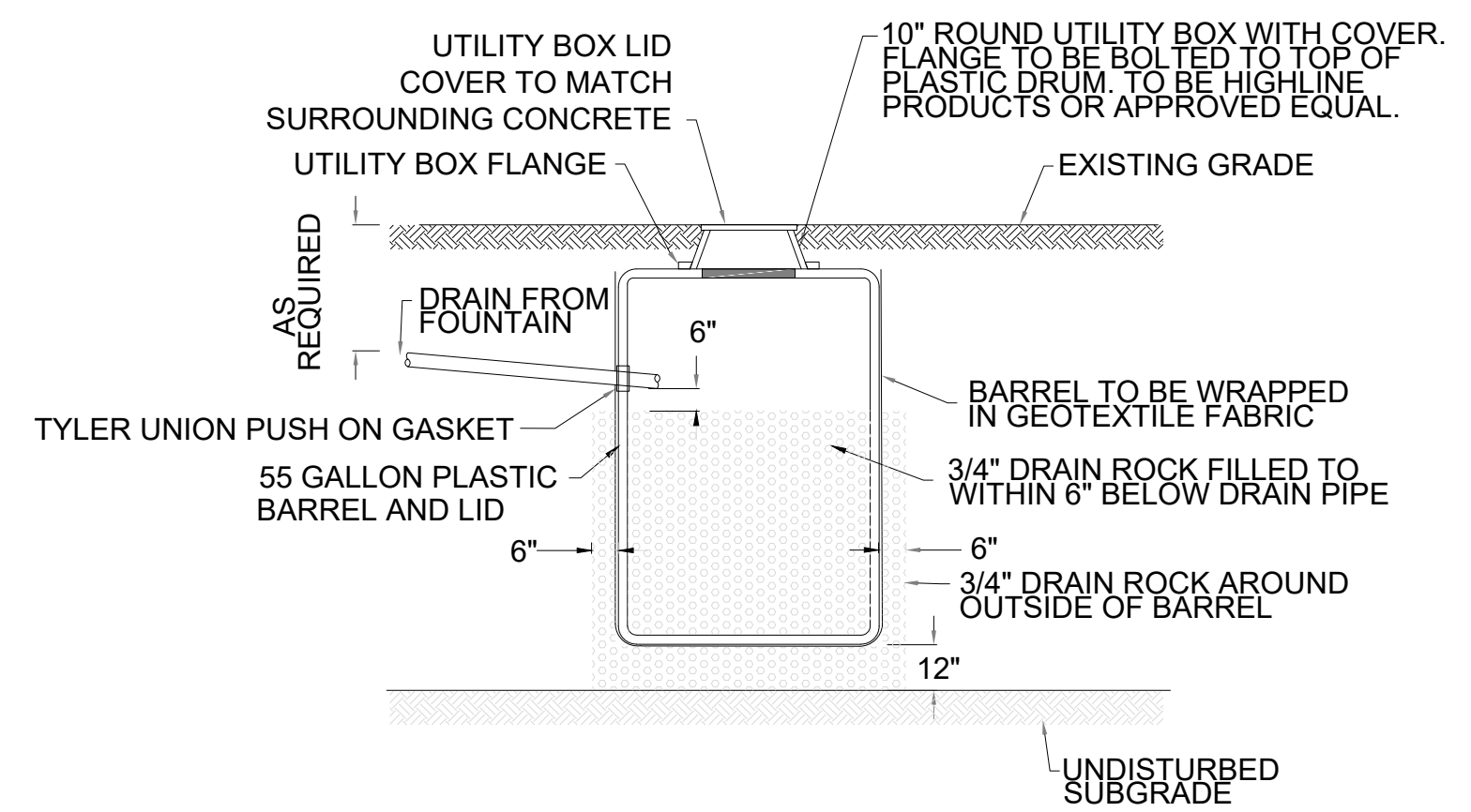
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SITE FURNISHINGS



FILENAME
SCALE AS SHOWN

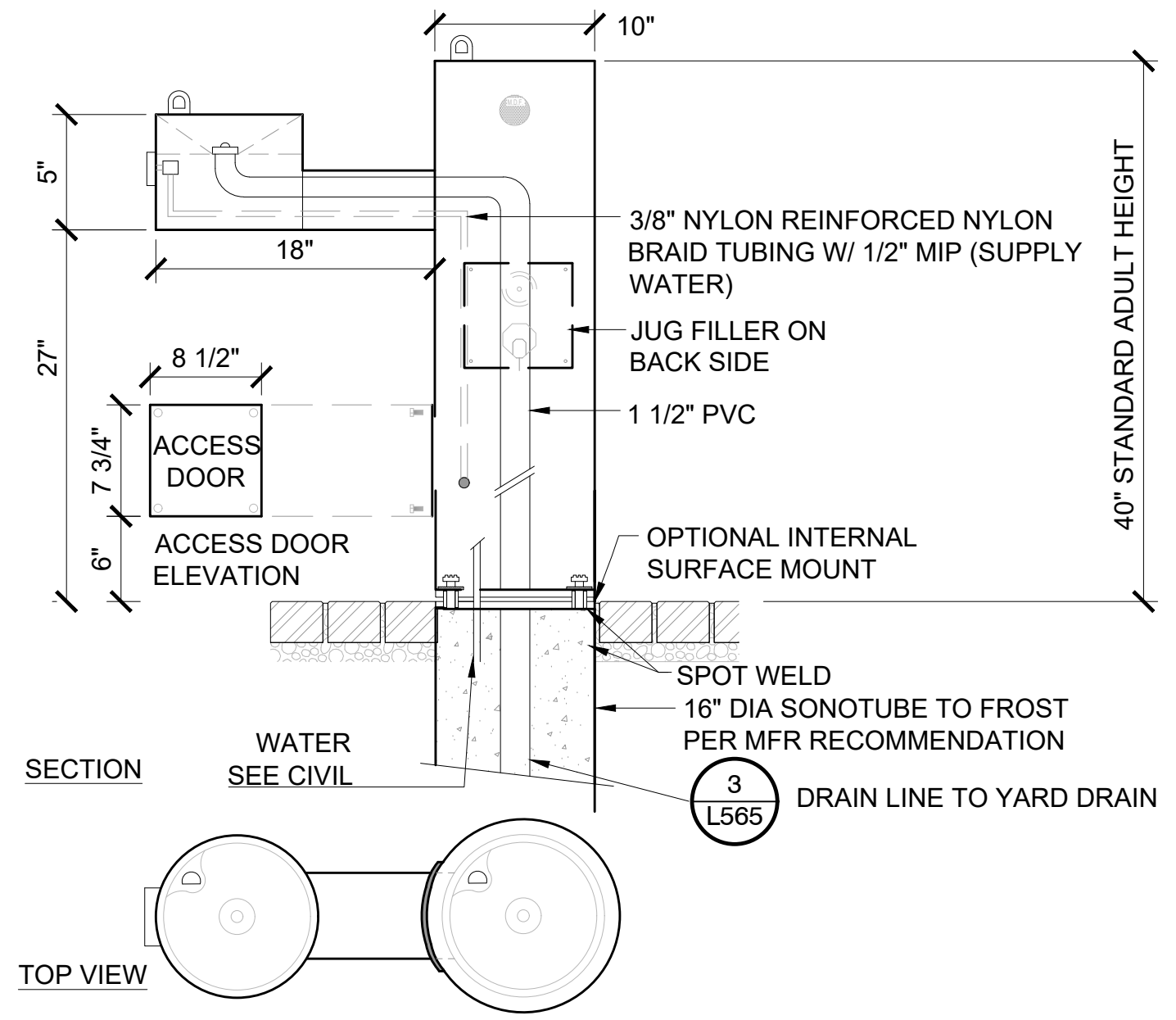
SHEET
L564



- NOTES:
1. BARREL TO HAVE 1/2" HOLES DRILLED IN SIDES & BOTTOM WITH HOLES AT 2 INCHES APART ON CENTER.
 2. 10" ROUND UTILITY BOX, FACTORY MADE PIPE PENETRATION TO BE PLUGGED AS RECOMMENDED BY MANUFACTURER.

3 DETAIL - YARD DRAIN
1/4" = 1'-0"

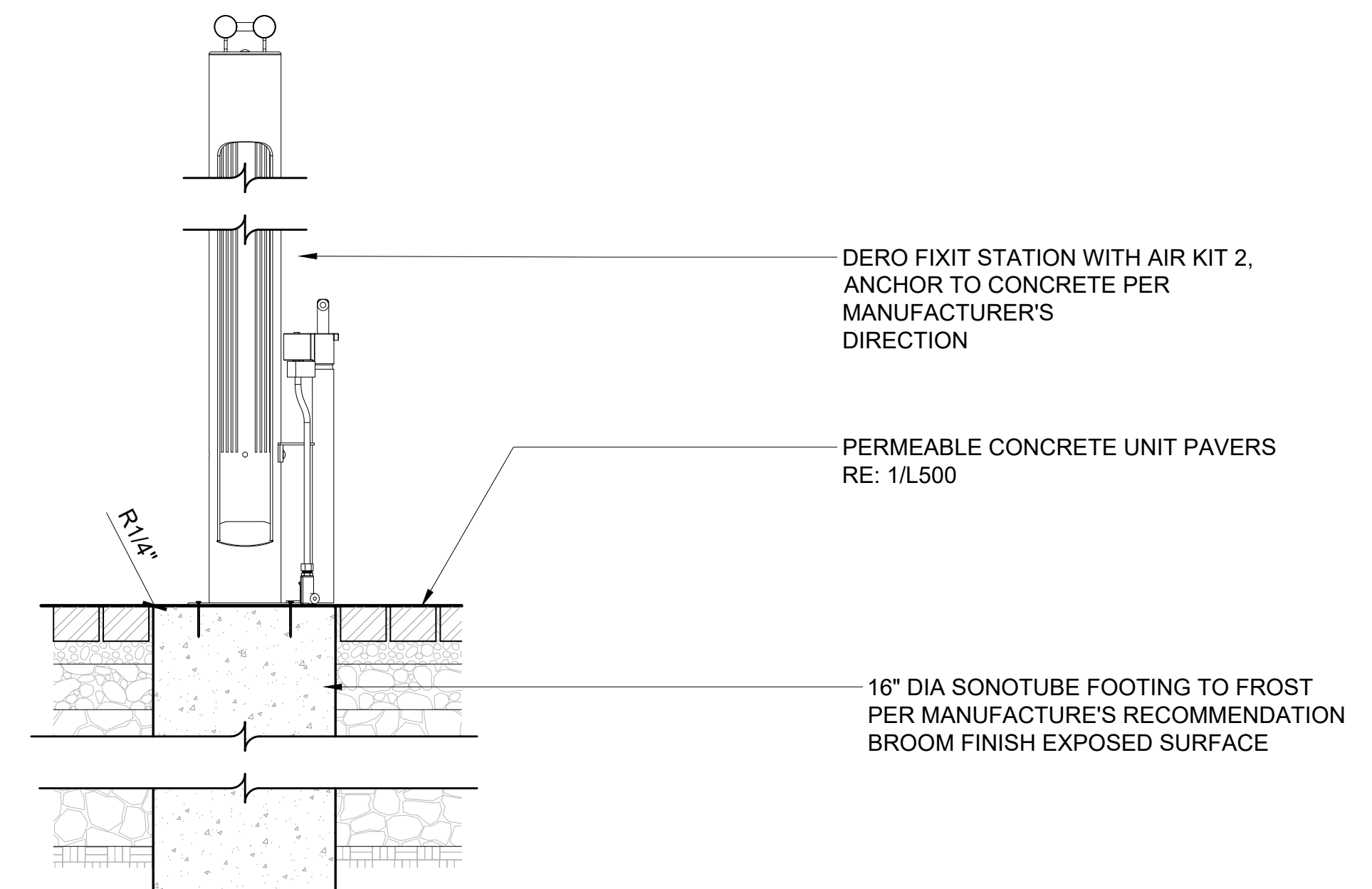
P-20.199-232



- NOTES:
1. MEETS ADA REGULATIONS.
 2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
 3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 4. DO NOT SCALE DRAWING.
 5. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 6. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

2 DETAIL - SF-12 DRINKING FOUNTAIN
1" = 1'-0"

P-20.199-115



1 DETAIL - SF-11 BIKE FIX-IT STATION
1" = 1'-0"

P-20.199-58



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

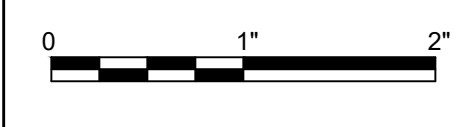
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

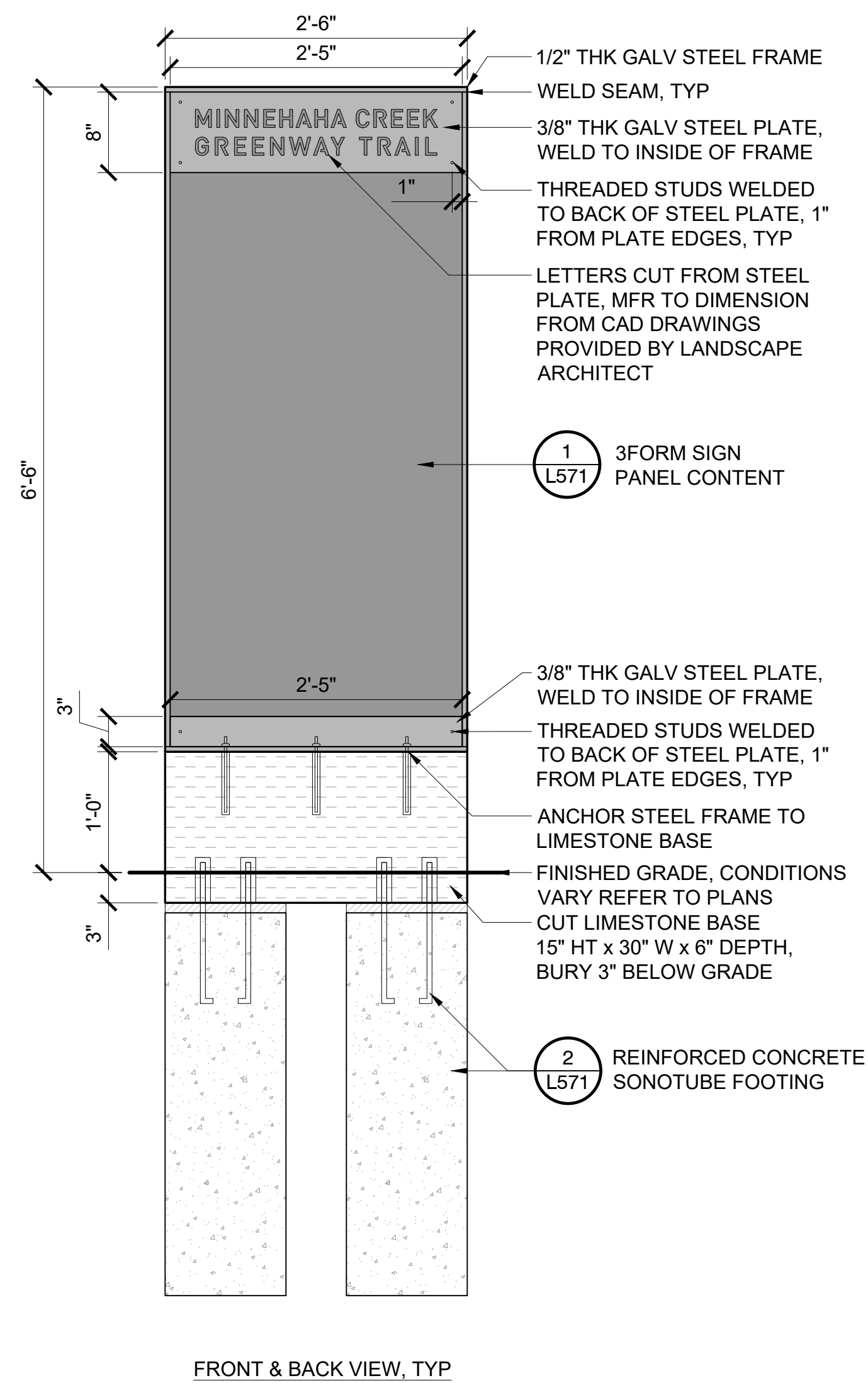
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SITE FURNISHINGS

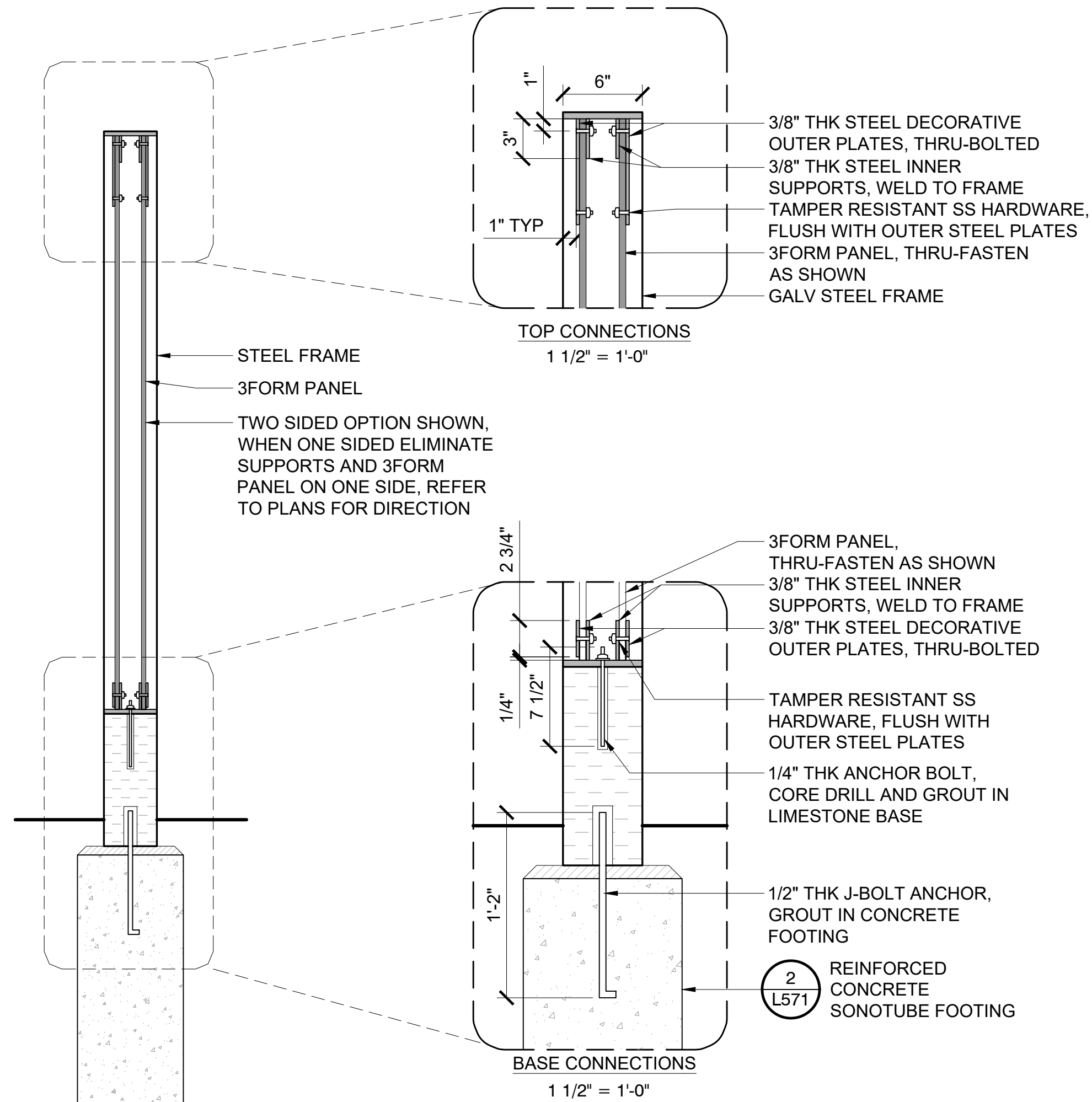


FILENAME
SCALE AS SHOWN

SHEET
L565



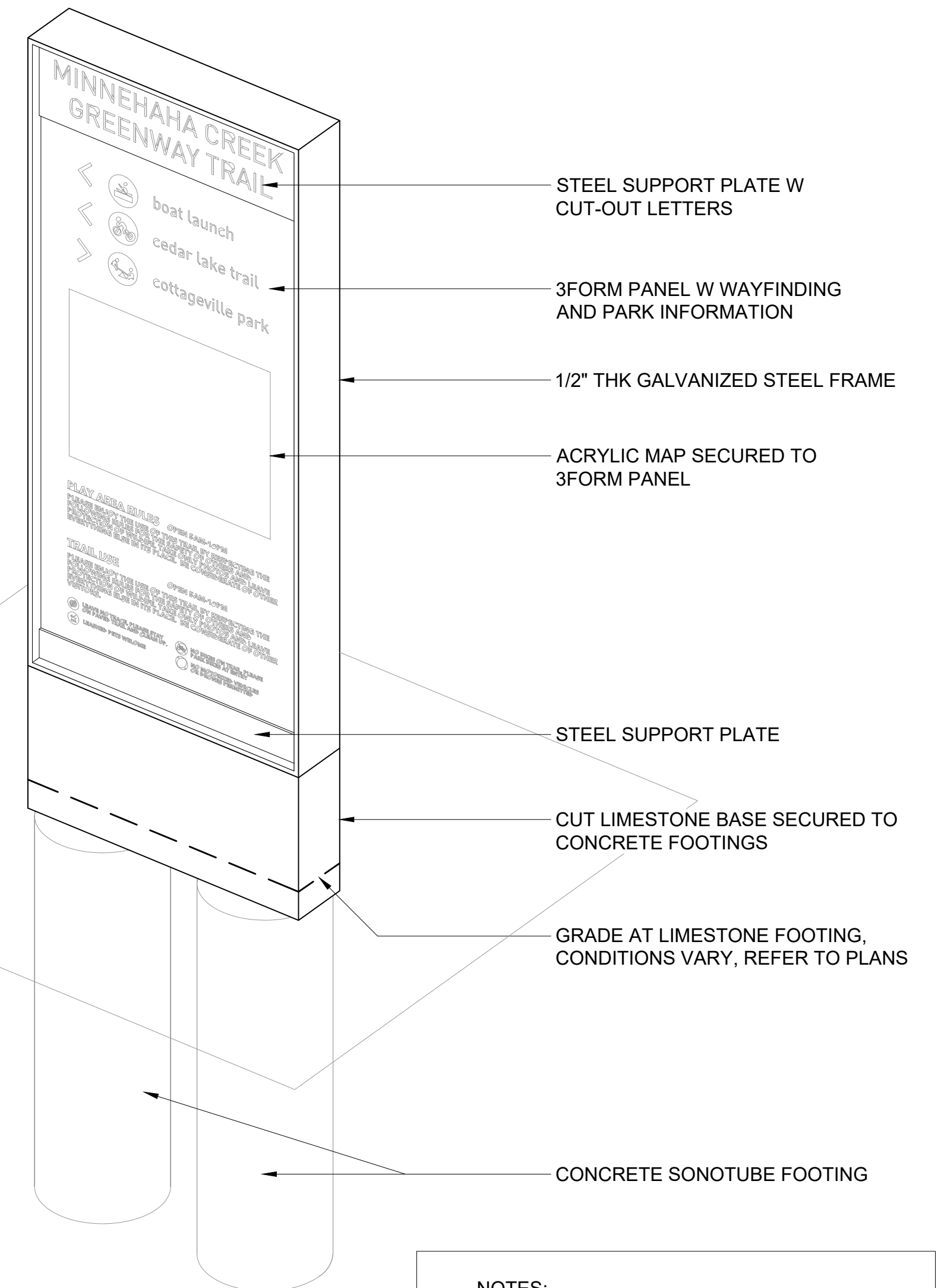
FRONT & BACK VIEW, TYP



SIDE, TYP

NOTES:

- CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS, FINISH AND MATERIAL SAMPLES PRIOR TO FABRICATION
- WELD SEAMS TO BE ON INTERIOR OF ASSEMBLY AND NOT VISIBLE
- 3FORM PANEL CONTENT TO PROVIDED AND APPROVED BY LANDSCAPE ARCHITECT
- THERE ARE ONE SIDED AND TWO SIDED SIGNS, REFER TO PLANS FOR LOCATION AND ORIENTATION, VERIFY THAT CONTENT IS CORRECT WITH LANDSCAPE ARCHITECT



NOTES:

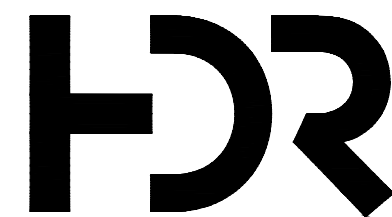
- NOT TO SCALE, DRAWING FOR ORIENTATION PURPOSES ONLY, REFER TO SPECIFIC DETAILS FOR EXACT MATERIALS, FINISHES, DIMENSIONS, AND ASSEMBLY

2 DETAIL - SN-02 WAYFINDING KIOSK
1" = 1'-0"

1 AXON - SN-02 WAYFINDING KIOSK
1" = 1'-0"



MINNEHAHA CREEK
WATERSHED DISTRICT



DF/ DAMON FARBER
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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	DESCRIPTION
10268112	

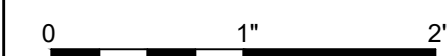
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER
AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SIGNAGE

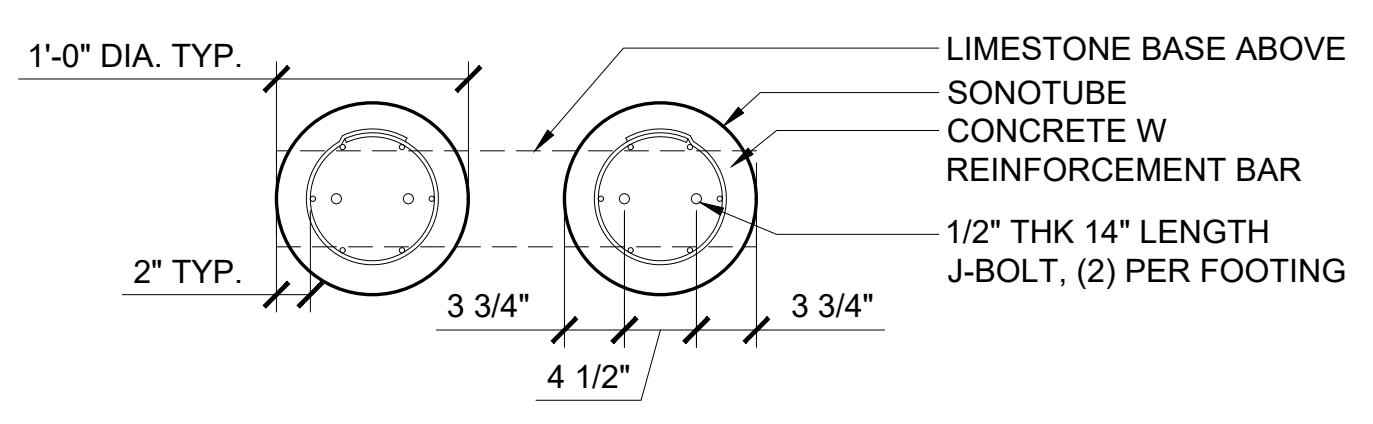


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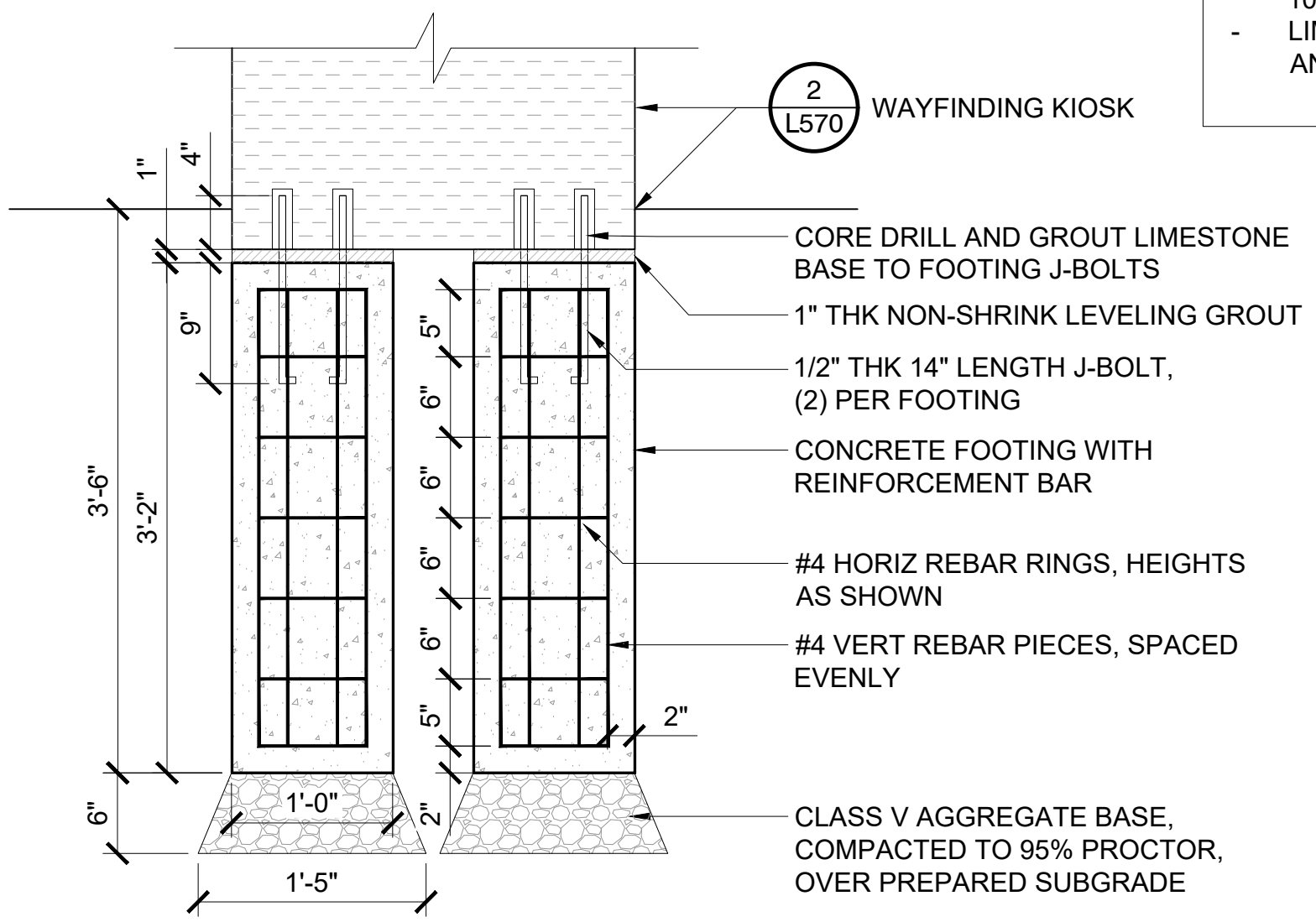
SHEET
L570

P-20.199-218

P-20.199-178

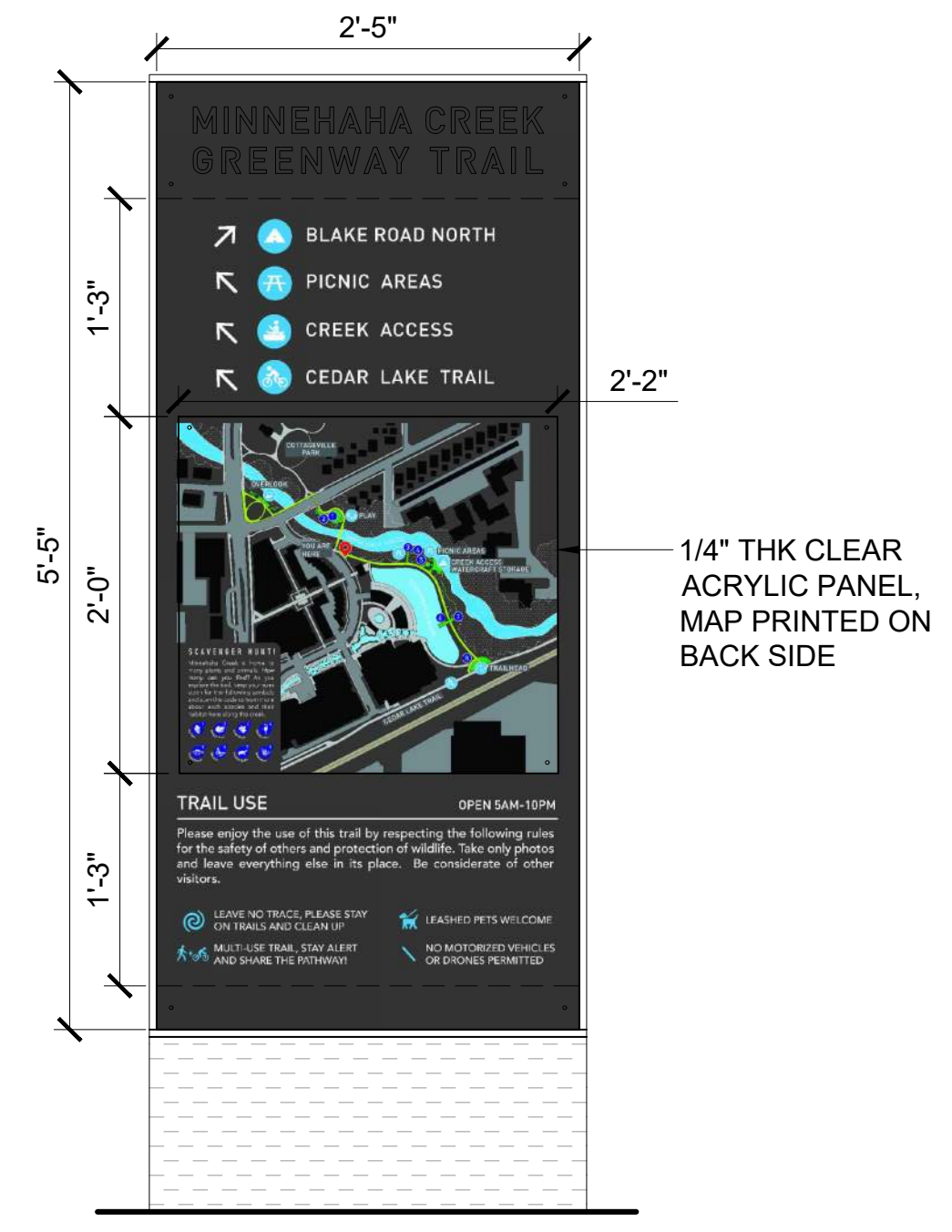


TOP VIEW

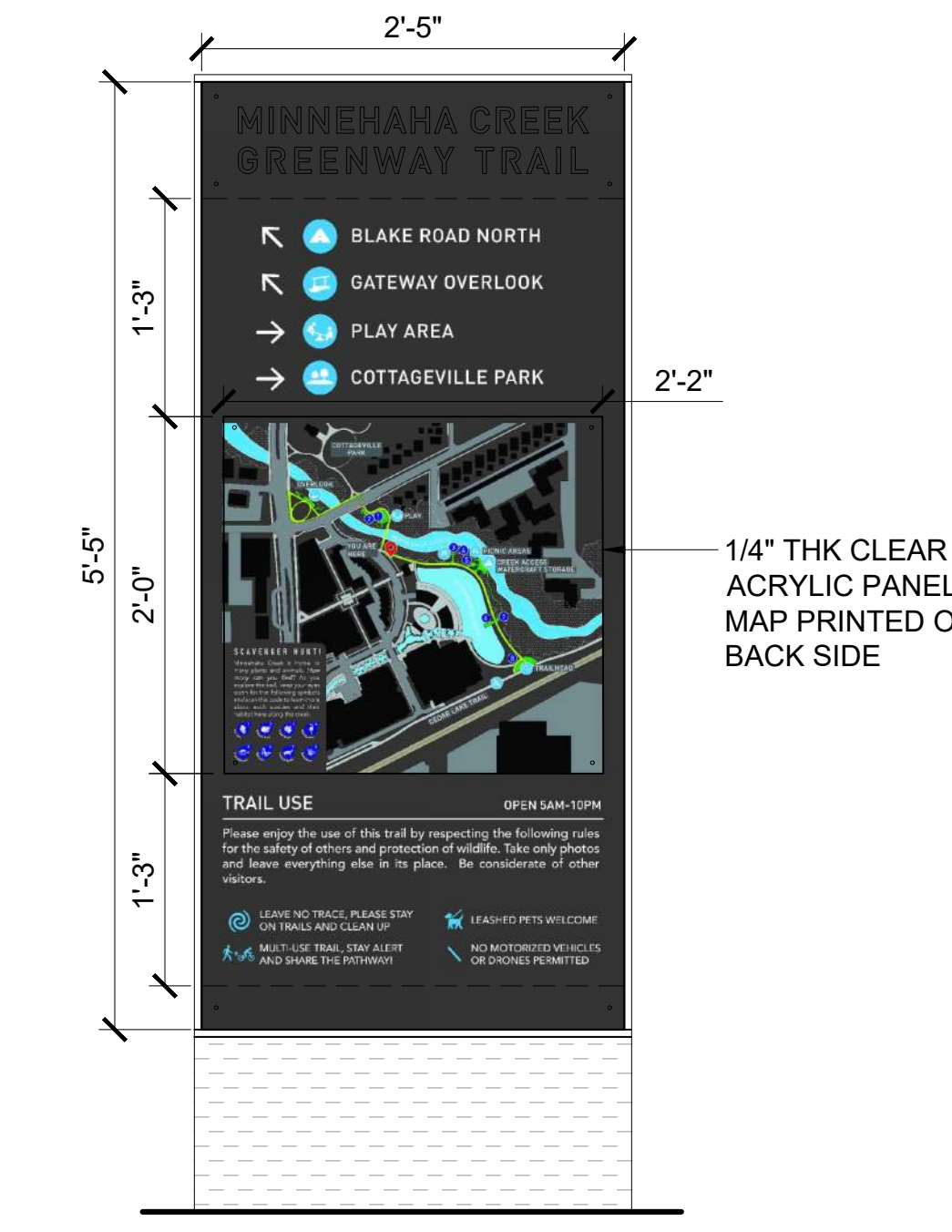


SECTION

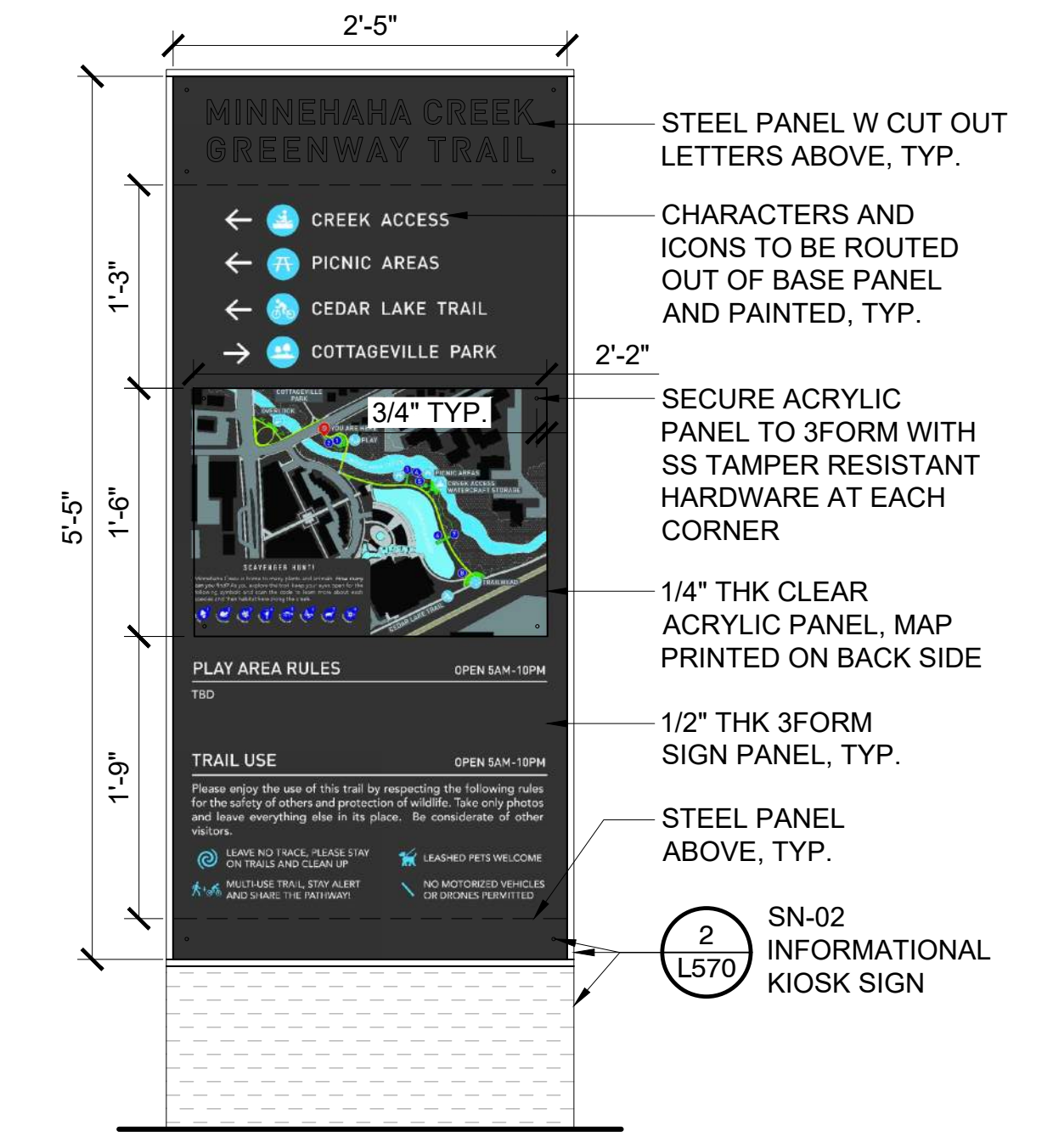
- NOTES:**
- CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS
 - CONCRETE FOOTINGS POURED INTO AUGURED COLUMNS, 12" DIAMETER, 3'-6" DEPTH WITH SONOTUBE
 - (6) VERTICAL #4 REBAR PIECES - EVENLY SPACED PER FOOTING
 - (7) HORIZONTAL #4 REBAR RINGS - AT HEIGHTS AS SHOWN PER FOOTING
 - (2) 1/2" DIA. X 14" GALVANIZED J-BOLTS, 10" EMBED, GRADE 5 STEEL
 - LIMESTONE SIGN BASE CORE DRILLED AND GROUTED TO FOOTING J-BOLTS



SIDE A
SN-02B TWO-SIDED



SIDE B
SN-02B TWO-SIDED



SN-02A ONE-SIDED

- NOTES:**
- CONTRACTOR TO SUBMIT SHOP DRAWINGS, FINISH, AND MATERIAL SAMPLES PRIOR TO FABRICATION
 - FINAL 3FORM PANEL CONTENT AND ACRYLIC MAP PANEL TO BE COORDINATED WITH AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION
 - 3FORM PANEL TO BE: KODA XT, COLOR BLACK

2 DETAIL - SN-02 WAYFINDING KIOSK, FOOTING
1" = 1'-0"

1 DETAIL - SN-02 WAYFINDING KIOSK, 3FORM PANEL
1" = 1'-0"

P-20.199-224



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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

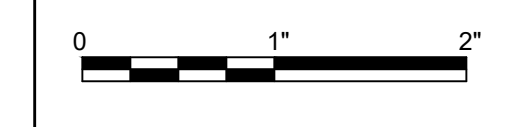
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

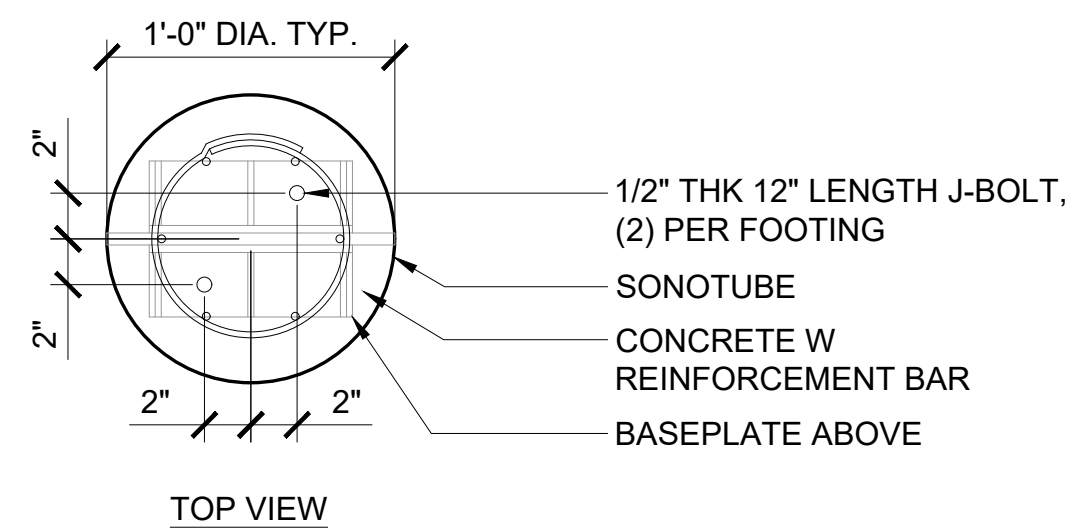
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SIGNAGE

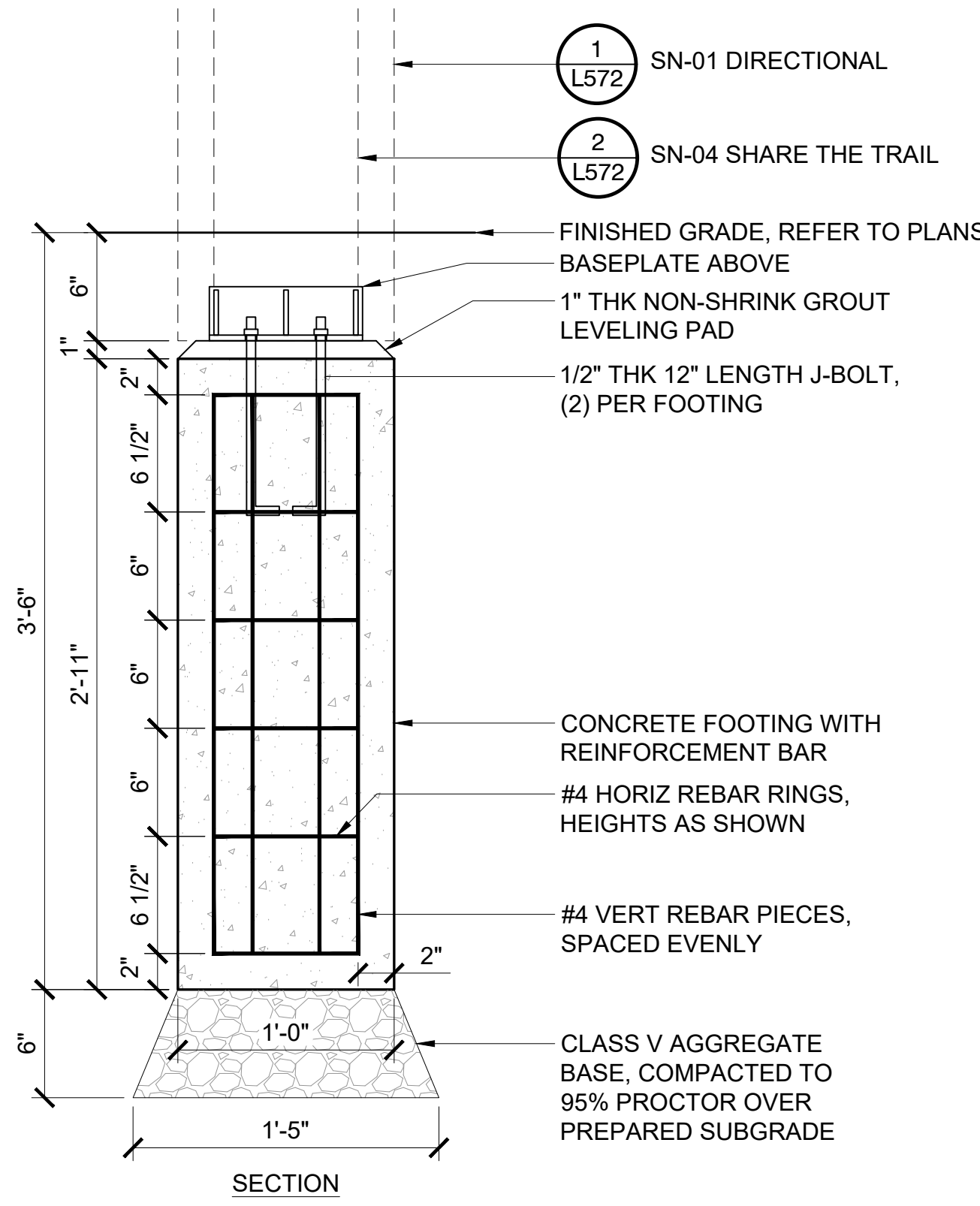


FILENAME
SCALE AS SHOWN

SHEET
L571



TOP VIEW

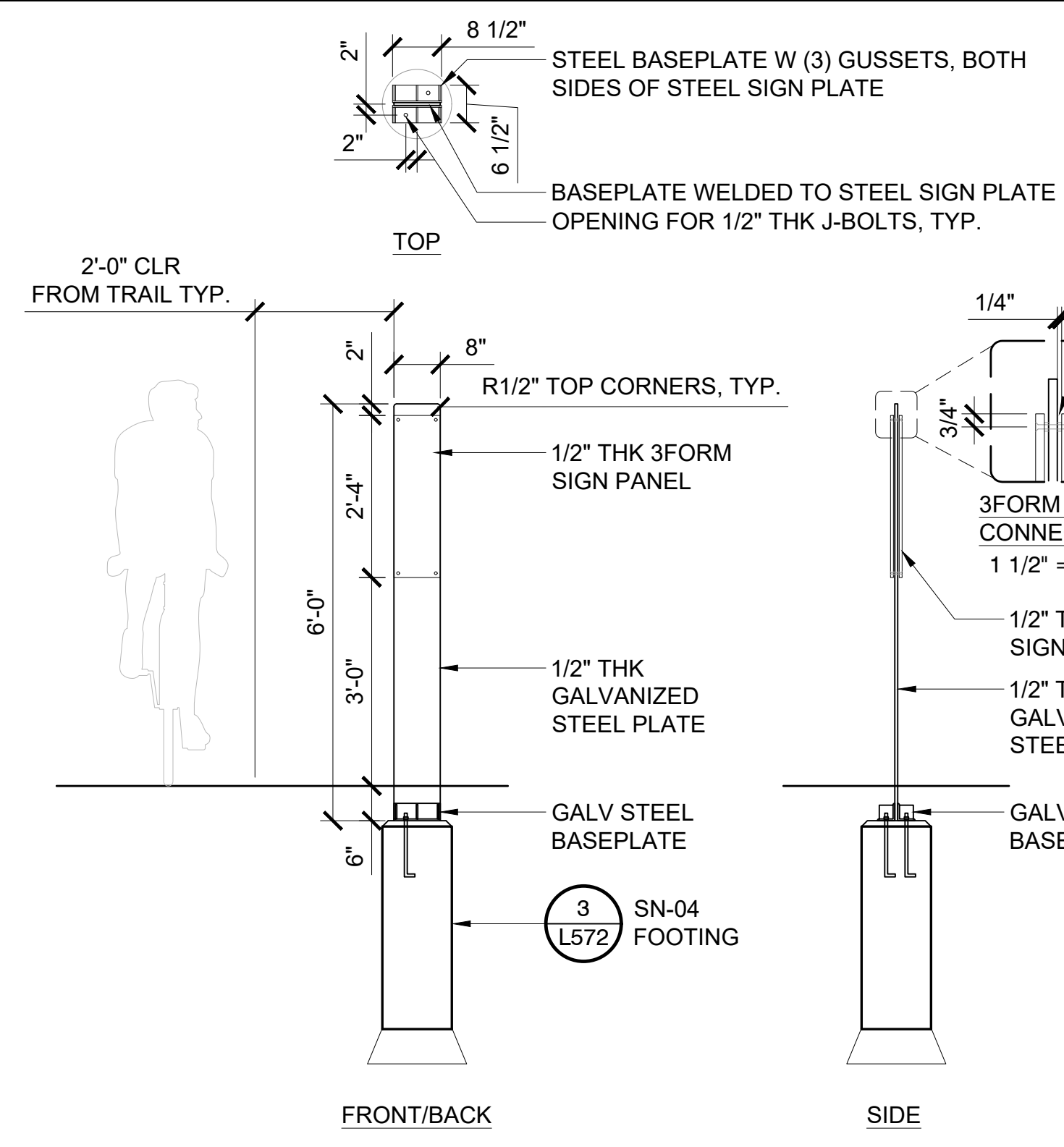


SECTION

NOTES:

- CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS
- CONCRETE FOOTINGS POURED INTO AUGURED COLUMNS, 12" DIAMETER, 3'-6" DEPTH WITH SONOTUBE
- (6) VERTICAL #4 REBAR PIECES - EVENLY SPACED PER FOOTING
- (6) HORIZONTAL #4 REBAR RINGS - AT HEIGHTS AS SHOWN PER FOOTING
- (2) 1/2" DIA. X 12" GALVANIZED J-BOLTS, 9" EMBED, GRADE 5 STEEL

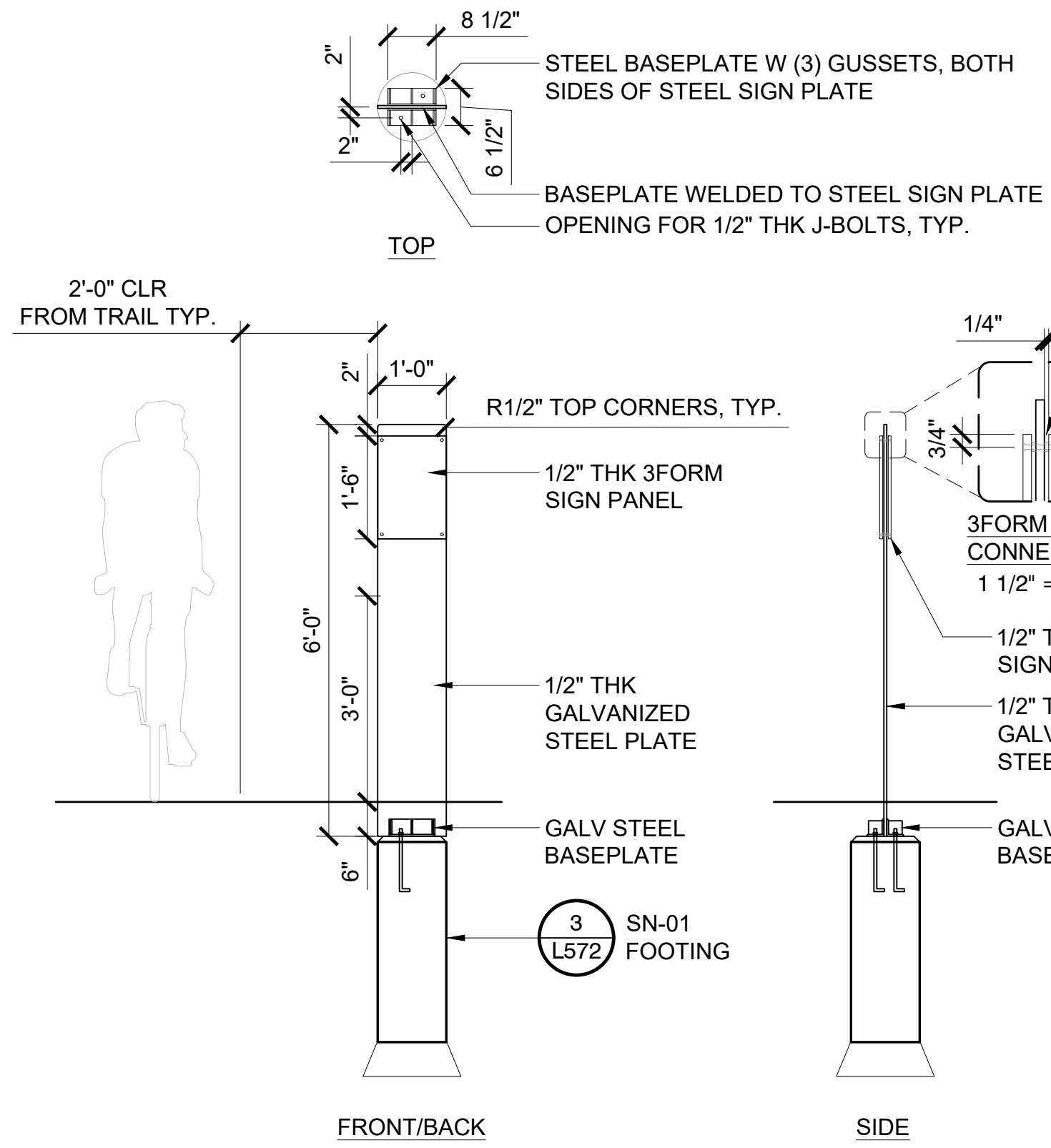
3 DETAIL - SN-01 & SN-04 FOOTING
1 1/2" = 1'-0"



FRONT/BACK

SIDE

2 DETAIL - SN-04 TRAIL & REGULATION
1/2" = 1'-0"



FRONT/BACK

SIDE

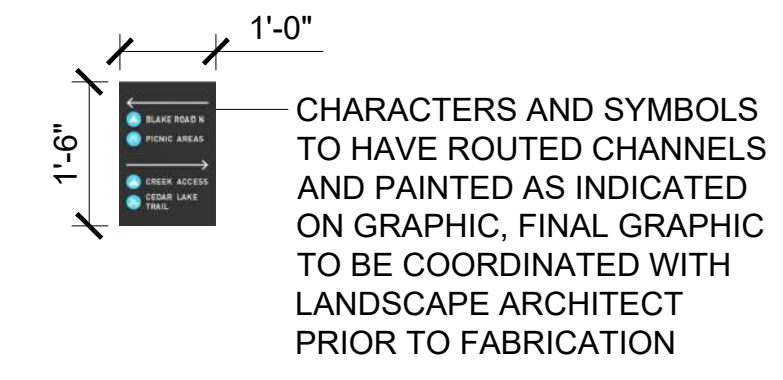
1 DETAIL - SN-01 DIRECTIONAL
1/2" = 1'-0"

- (1) FIRE PIT RULES SIGN - SINGLE SIDED
- (1) BOAT STORAGE SIGN - SINGLE SIDED
- (2) SLOW ZONE SIGNS - DOUBLE SIDED
- (2) SHARED TRAIL SIGNS - DOUBLE SIDED

3FORM PANEL CONTENT
CHARACTERS AND SYMBOLS TO HAVE ROUTED CHANNELS AND PAINTED AS INDICATED ON GRAPHIC, COORDINATE W LANDSCAPE ARCHITECT FOR GRAPHIC FILES AND FINAL DESIGN

NOTES:

- REFER TO PLAN DRAWINGS FOR SIGN ORIENTATION
- CONTRACTOR TO SUBMIT SHOP DRAWINGS, FINISH, AND MATERIAL SAMPLES PRIOR TO FABRICATION
- FINAL 3FORM PANEL CONTENT TO BE COORDINATED WITH AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION
- 3FORM PANEL TO BE: KODA XT, COLOR BLACK



3FORM PANEL CONTENT

NOTES:

- REFER TO PLAN DRAWINGS FOR SIGN ORIENTATION
- CONTRACTOR TO SUBMIT SHOP DRAWINGS, FINISH, AND MATERIAL SAMPLES PRIOR TO FABRICATION
- THERE ARE MULTIPLE SN-01 LOCATIONS, EACH WITH SPECIFIC CONTENT, COORDINATE W LANDSCAPE ARCHITECT FOR FINAL SIGN PANEL GRAPHICS
- THERE ARE BOTH ONE-SIDED AND TWO-SIDED SIGNS
- FINAL 3FORM PANEL CONTENT TO BE COORDINATED WITH AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION
- 3FORM PANEL TO BE: KODA XT, COLOR BLACK

PROJECT MANAGER ANDREW F. JUDD

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

LANDSCAPE DETAILS - SIGNAGE



FILENAME
SCALE AS SHOWN

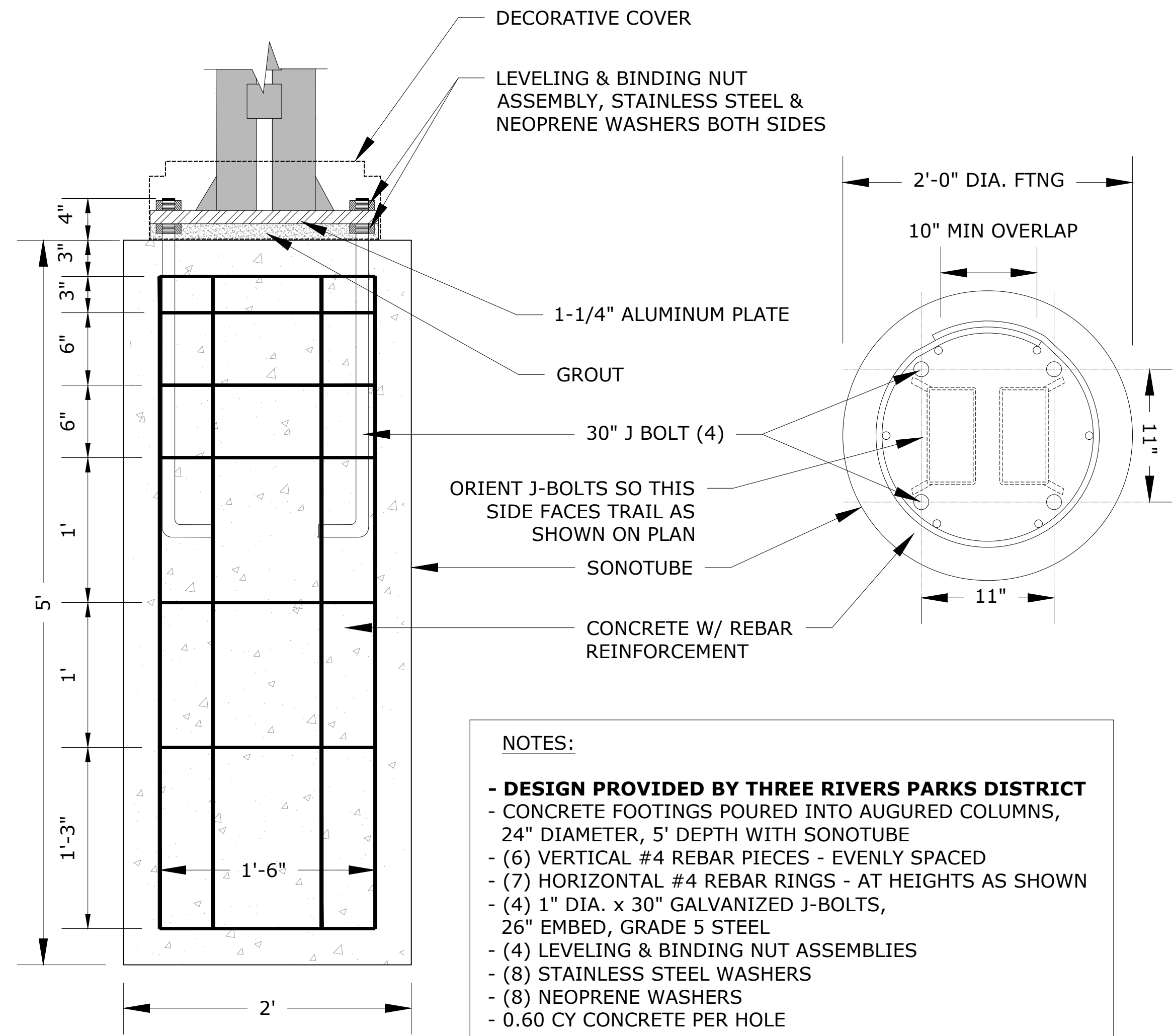
SHEET
L572



ISSUE	DATE	DESCRIPTION
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B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

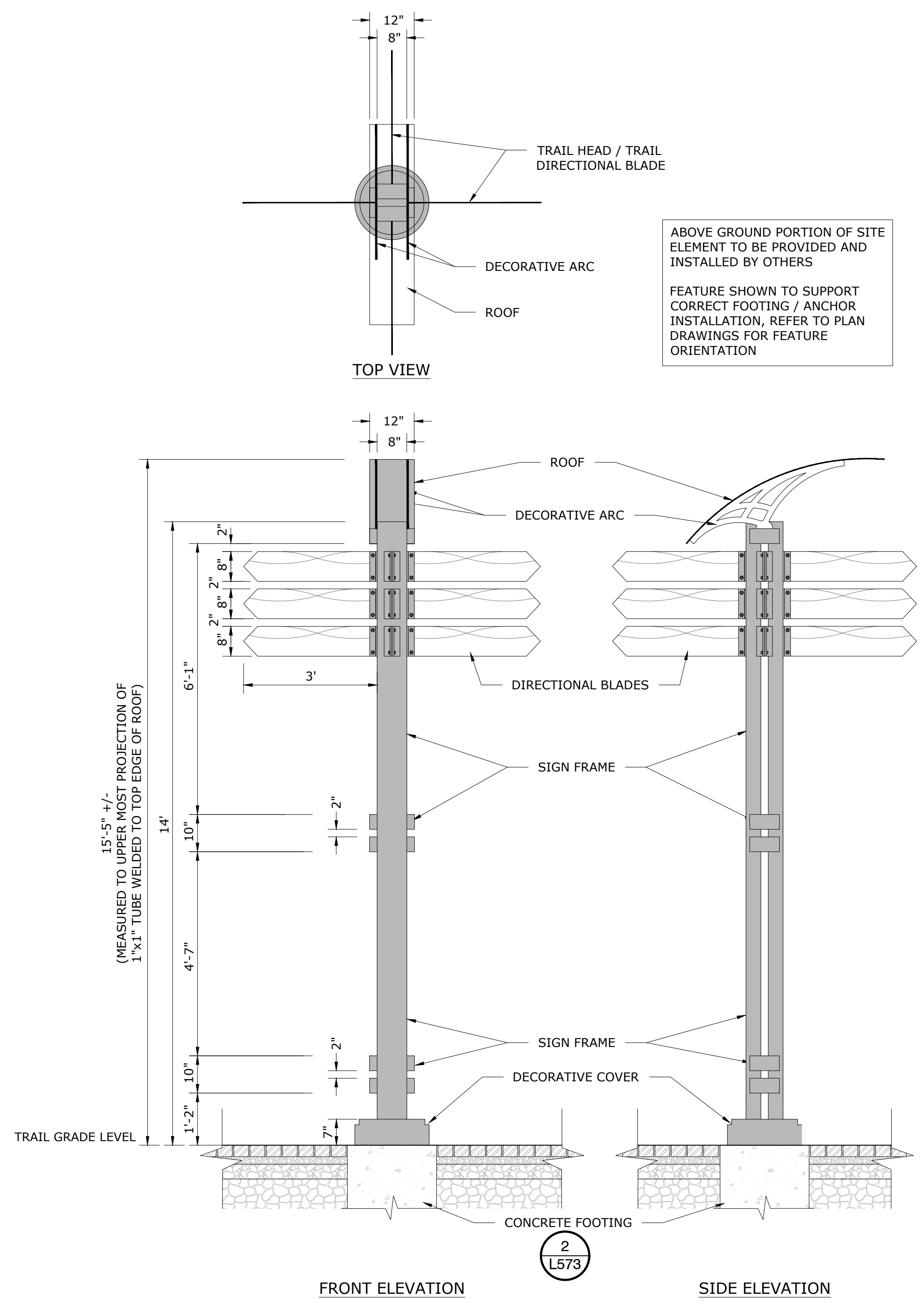
PROJECT NUMBER 10268112

GENERAL NOTES
 PROVIDE FOOTINGS FOR THREE RIVERS SIGNAGE, ABOVE GRADE SIGN ELEMENTS WILL BE PROVIDED AND INSTALLED BY OTHERS.
 ABOVE GRADE ELEMENTS PROVIDED BY OTHERS ARE SHOWN TO SUPPORT ACCURATE FOOTING ANCHOR PLACEMENT.



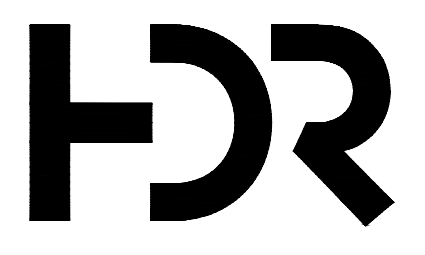
NOTES:
 - DESIGN PROVIDED BY THREE RIVERS PARKS DISTRICT
 - CONCRETE FOOTINGS POURED INTO AUGURED COLUMNS, 24\"/>

2 DETAIL - SN-06 THREE RIVERS DIRECTIONAL FOOTING
 1 1/2\"/>



ABOVE GROUND PORTION OF SITE ELEMENT TO BE PROVIDED AND INSTALLED BY OTHERS
 FEATURE SHOWN TO SUPPORT CORRECT FOOTING / ANCHOR INSTALLATION, REFER TO PLAN DRAWINGS FOR FEATURE ORIENTATION

1 DETAIL - SN-06 THREE RIVERS DIRECTIONAL
 0 1/4 1/2 1 2
 P-20.199-187



401 North 2nd Avenue, Suite 410
 Minneapolis, MN 55401 p: 612.332.7522

ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

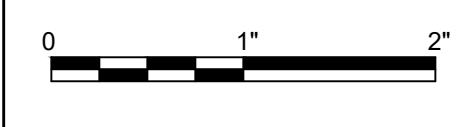
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

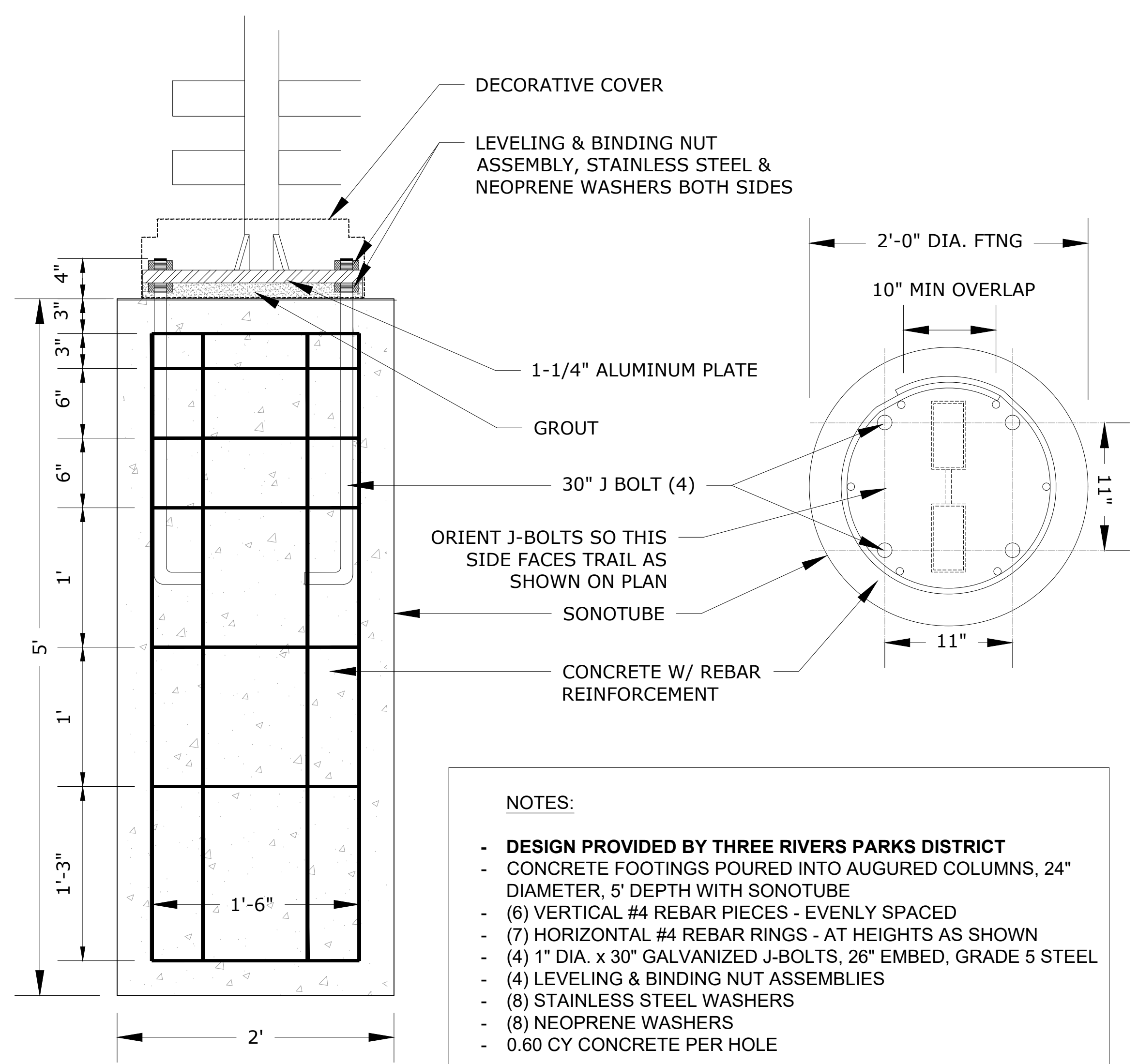
LANDSCAPE DETAILS - SIGNAGE



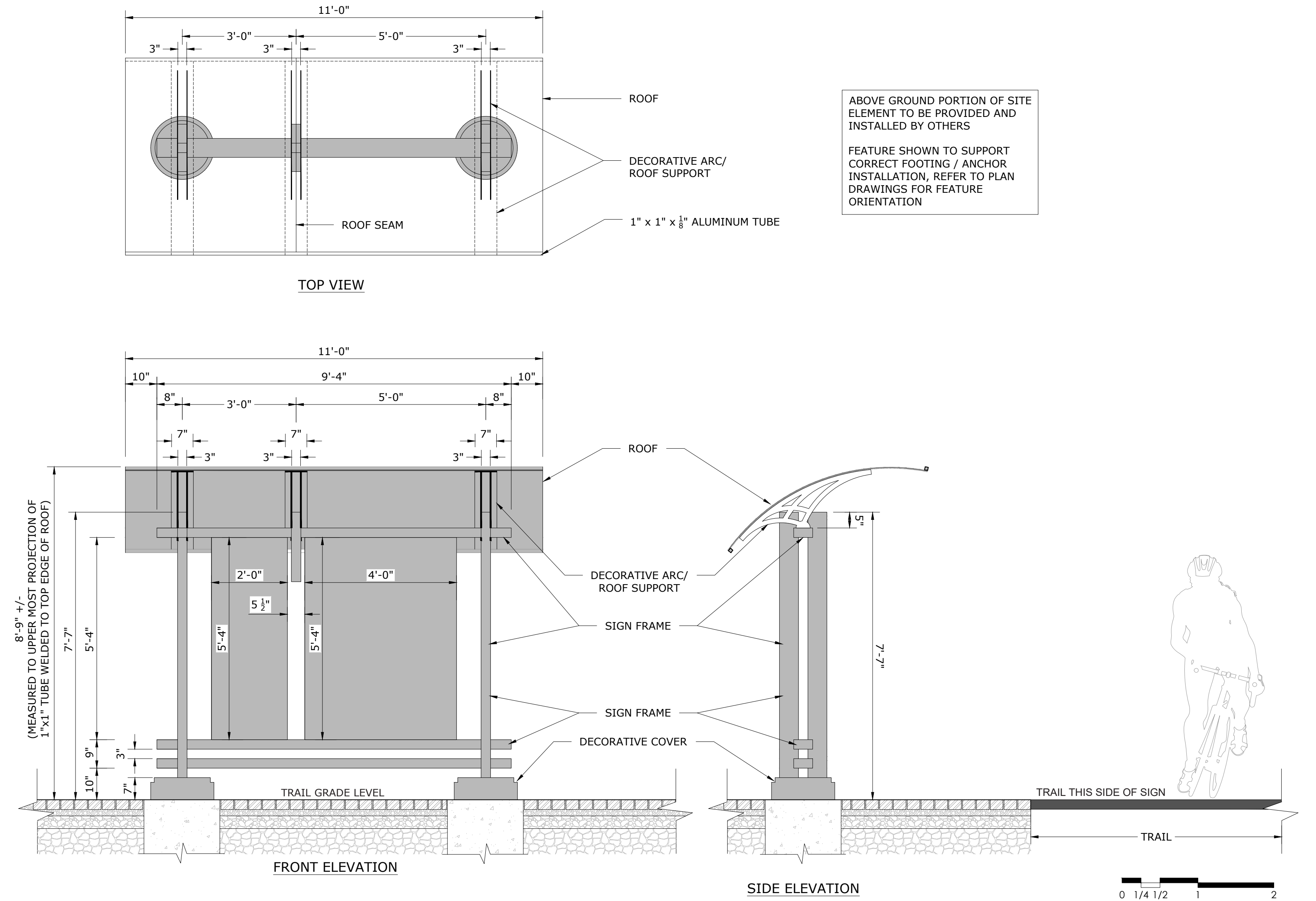
FILENAME
 SCALE AS SHOWN

SHEET
L573

GENERAL NOTES
 PROVIDE FOOTINGS FOR THREE RIVERS SIGNAGE, ABOVE GRADE SIGN ELEMENTS WILL BE PROVIDED AND INSTALLED BY OTHERS.
 ABOVE GRADE ELEMENTS PROVIDED BY OTHERS ARE SHOWN TO SUPPORT ACCURATE FOOTING ANCHOR PLACEMENT.



- NOTES:**
- DESIGN PROVIDED BY THREE RIVERS PARKS DISTRICT
 - CONCRETE FOOTINGS POURED INTO AUGURED COLUMNS, 24" DIAMETER, 5' DEPTH WITH SONOTUBE
 - (6) VERTICAL #4 REBAR PIECES - EVENLY SPACED
 - (7) HORIZONTAL #4 REBAR RINGS - AT HEIGHTS AS SHOWN
 - (4) 1" DIA. x 30" GALVANIZED J-BOLTS, 26" EMBED, GRADE 5 STEEL
 - (4) LEVELING & BINDING NUT ASSEMBLIES
 - (8) STAINLESS STEEL WASHERS
 - (8) NEOPRENE WASHERS
 - 0.60 CY CONCRETE PER HOLE



ABOVE GROUND PORTION OF SITE ELEMENT TO BE PROVIDED AND INSTALLED BY OTHERS
 FEATURE SHOWN TO SUPPORT CORRECT FOOTING / ANCHOR INSTALLATION, REFER TO PLAN DRAWINGS FOR FEATURE ORIENTATION

2 DETAIL - SN-07 & SN-08 KIOSK FOOTING
 1 1/2" = 1'-0"

1 DETAIL - SN-07 TRAIL KIOSK
 P-20.199-119



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

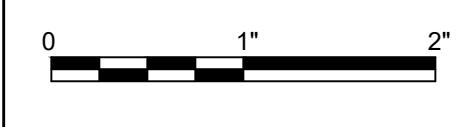
PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
 THOMAS J WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55433

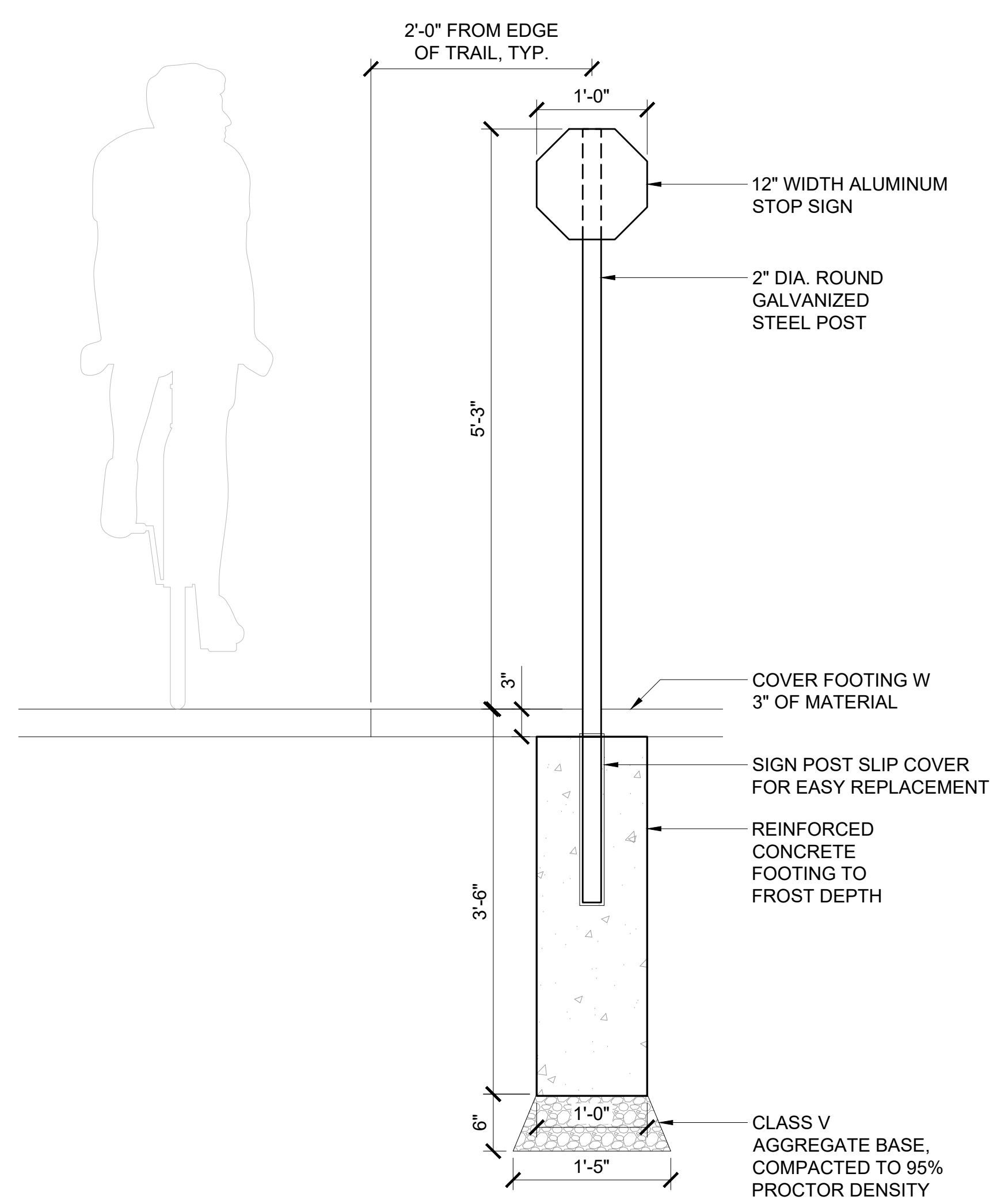
LANDSCAPE DETAILS - SIGNAGE



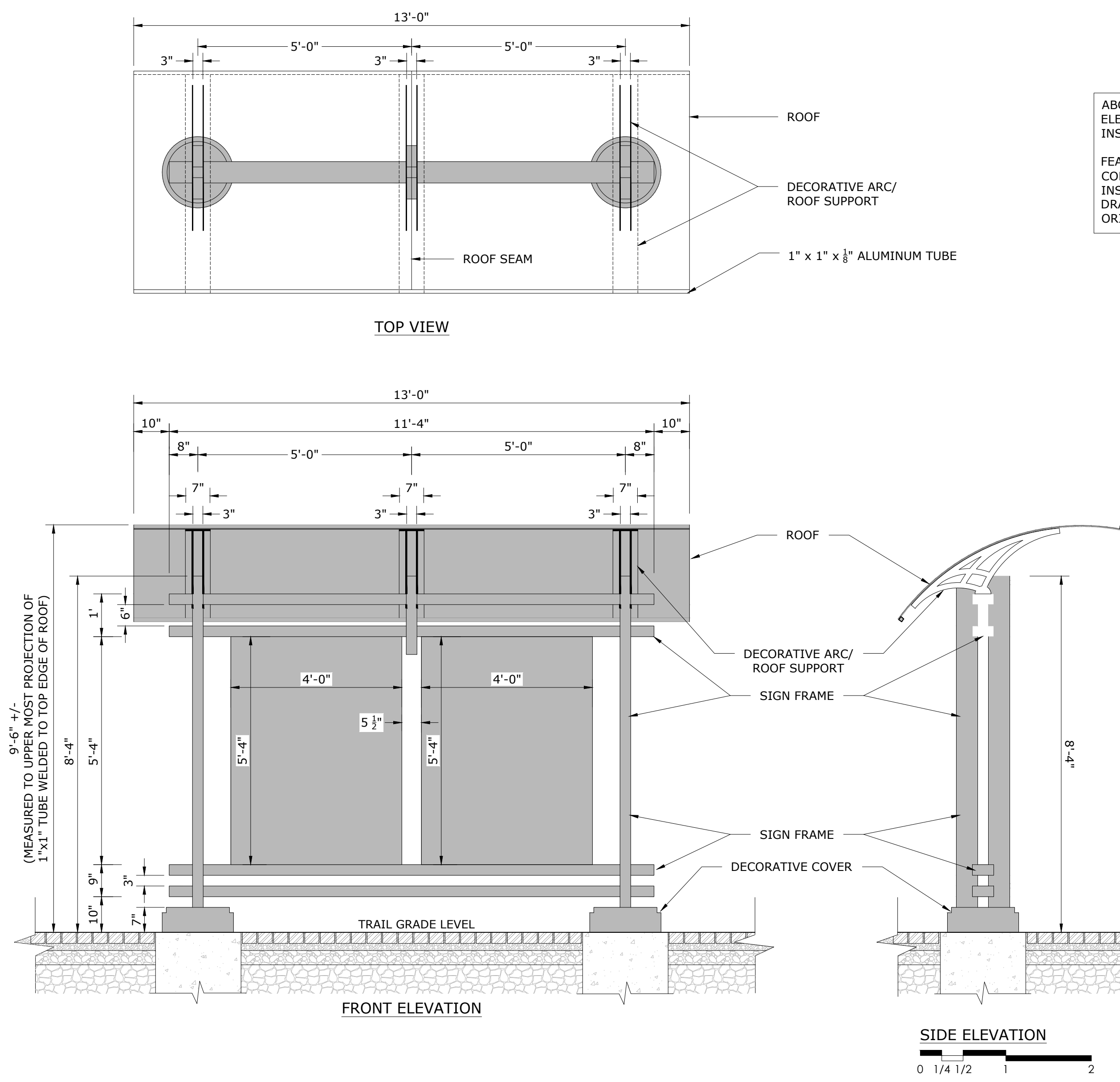
FILENAME
 SCALE AS SHOWN

SHEET
L574

GENERAL NOTES
 PROVIDE FOOTINGS FOR THREE RIVERS SIGNAGE, ABOVE GRADE SIGN ELEMENTS WILL BE PROVIDED AND INSTALLED BY OTHERS.
 ABOVE GRADE ELEMENTS PROVIDED BY OTHERS ARE SHOWN TO SUPPORT ACCURATE FOOTING ANCHOR PLACEMENT.



2 DETAIL - SN-03 STOP SIGN
 1" = 1'-0"



1 DETAIL - SN-08 SYSTEM KIOSK

PROJECT MANAGER ANDREW F. JUDD

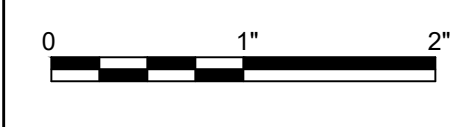
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THOMAS J. WHITLOCK, PLA
 DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
 325 BLAKE RD
 HOPKINS, MN 55343

LANDSCAPE DETAILS - SIGNAGE

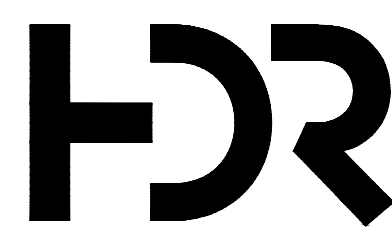


FILENAME
 SCALE AS SHOWN

SHEET
L575



MINNEHAHA CREEK WATERSHED DISTRICT



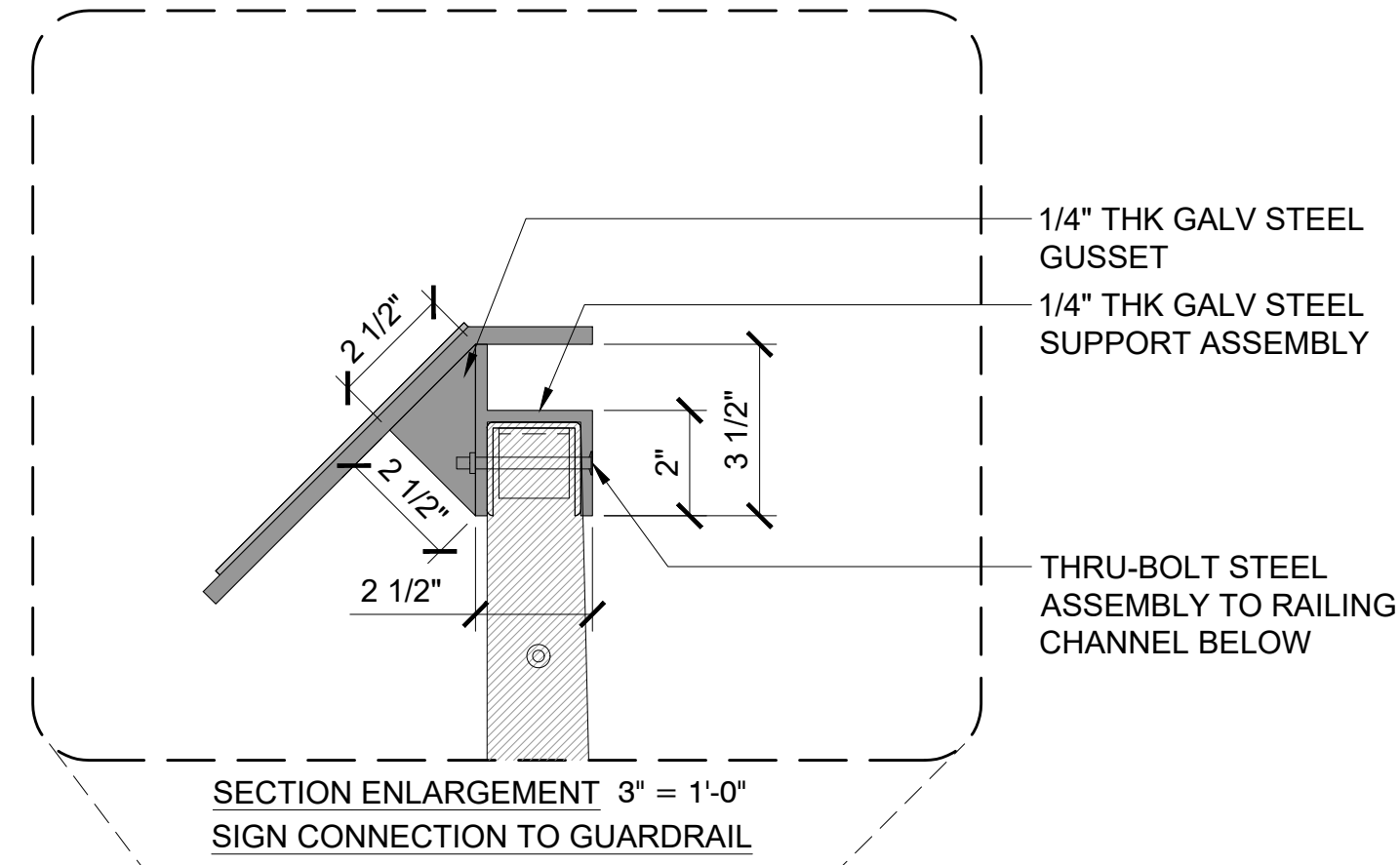
DF/ DAMON FARBER LANDSCAPE ARCHITECTS
 401 North 2nd Avenue, Suite 410
 Minneapolis, MN 55401 p: 612.332.7522

ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT NUMBER 10268112

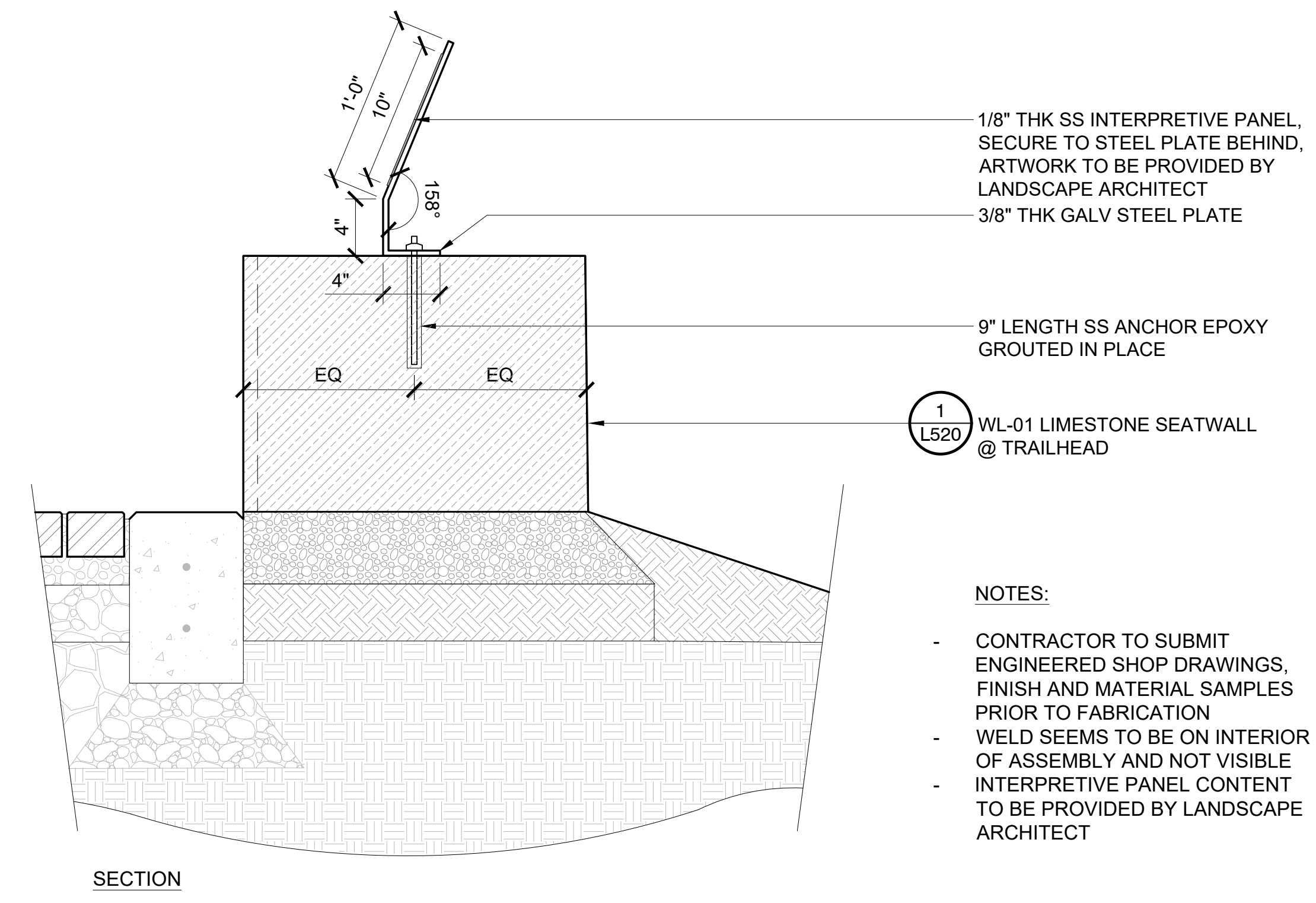
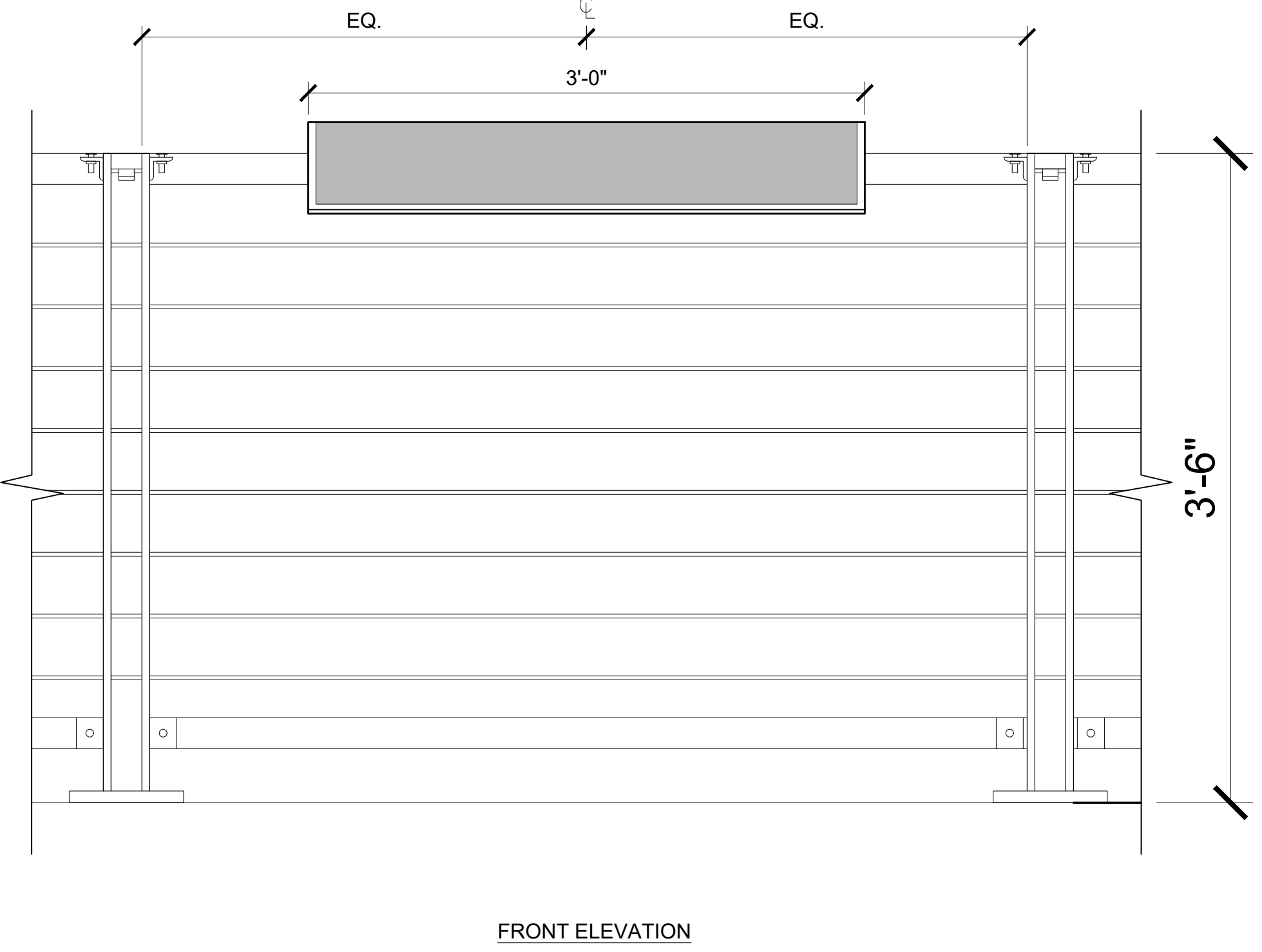
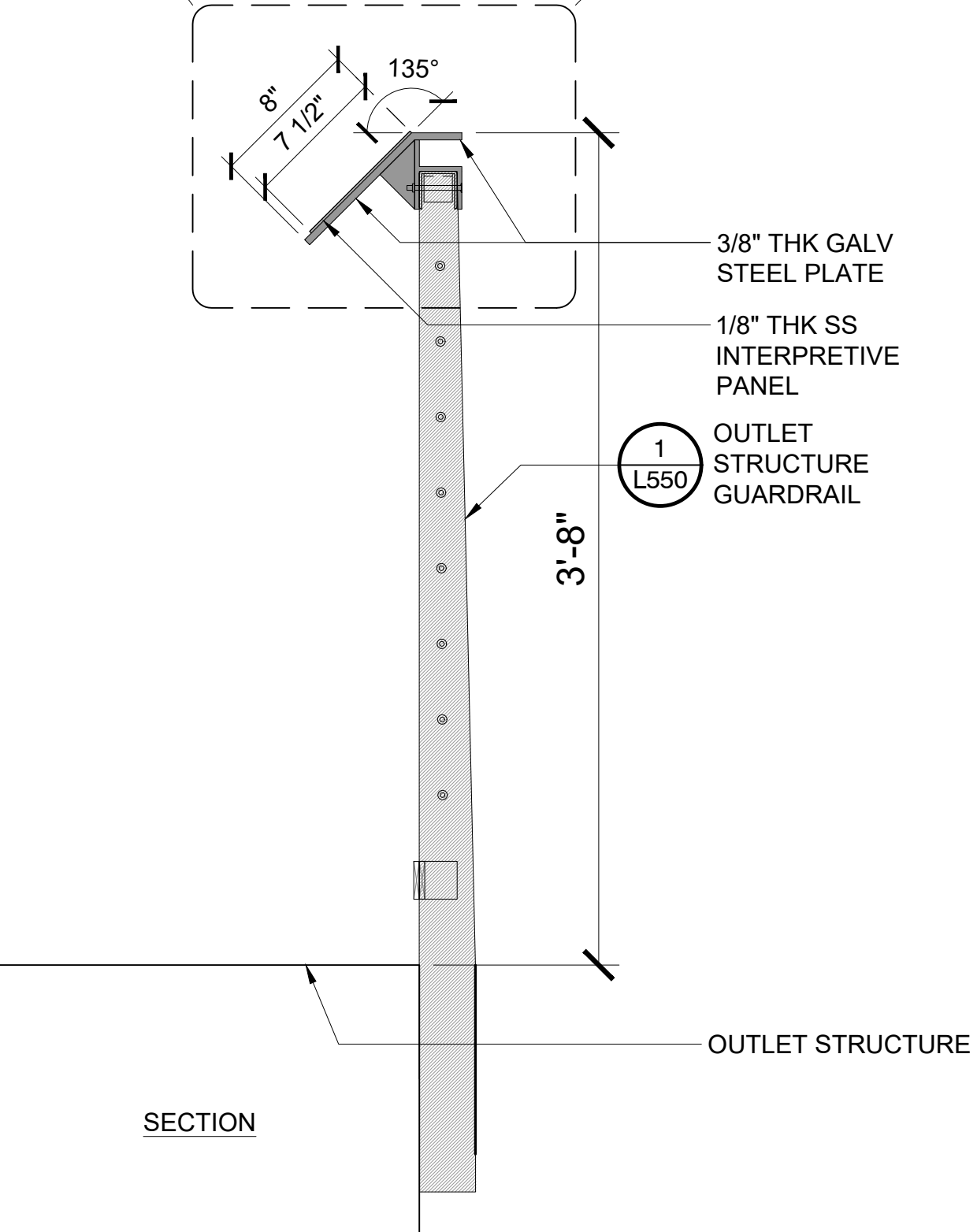
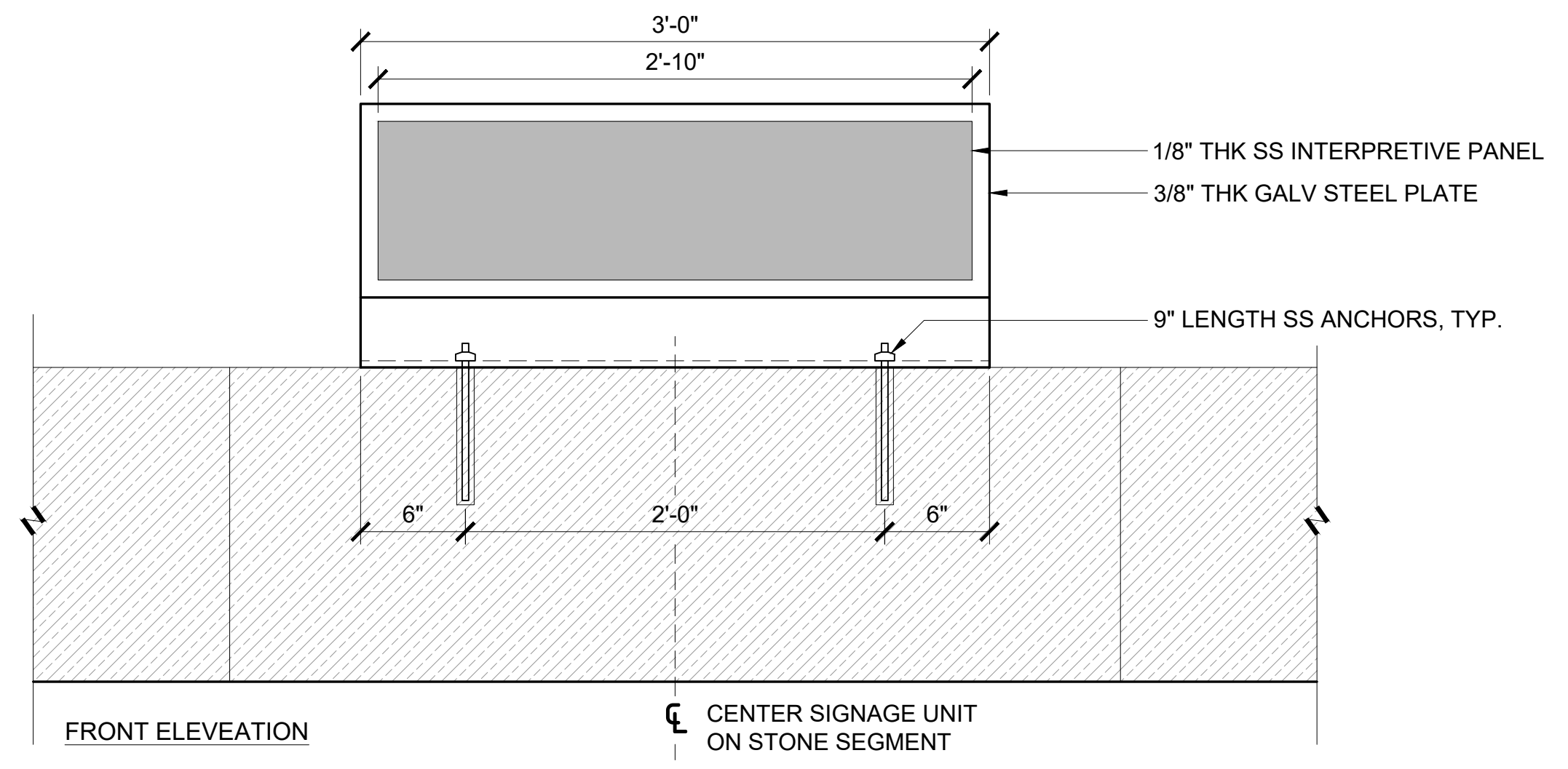
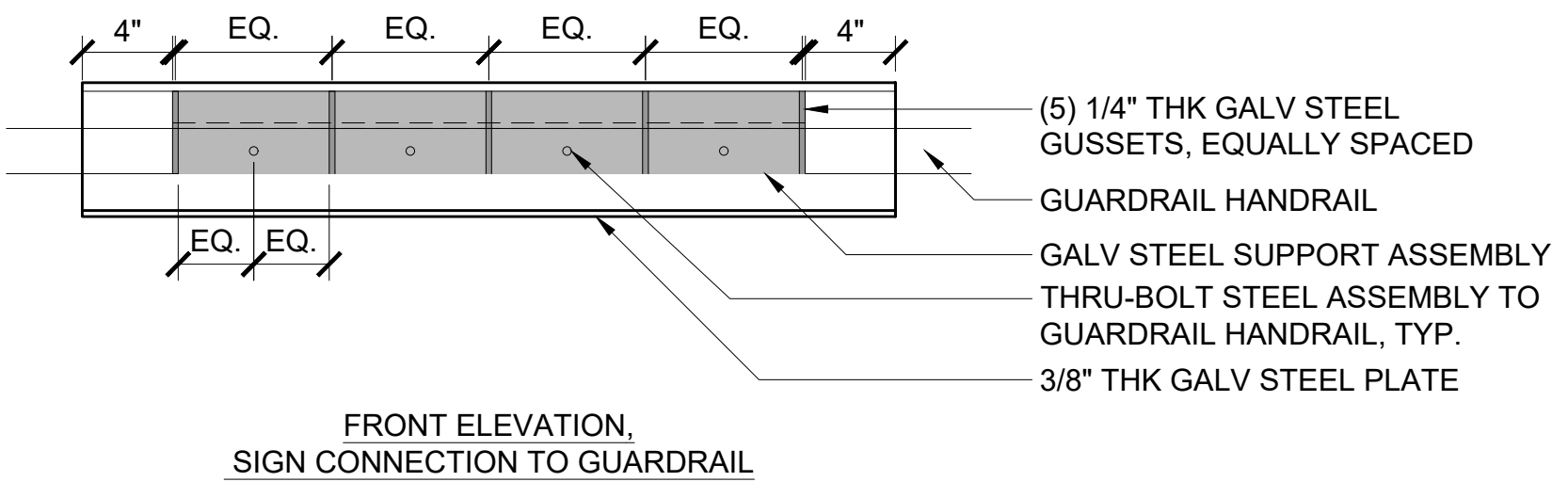
P-20.199-230

P-20.199-122



NOTES:

- CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS, FINISH AND MATERIAL SAMPLES PRIOR TO FABRICATION
- WELD SEEMS TO BE ON INTERIOR OF ASSEMBLY AND NOT VISIBLE
- INTERPRETIVE PANEL CONTENT TO BE PROVIDED BY LANDSCAPE ARCHITECT



NOTES:

- CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS, FINISH AND MATERIAL SAMPLES PRIOR TO FABRICATION
- WELD SEEMS TO BE ON INTERIOR OF ASSEMBLY AND NOT VISIBLE
- INTERPRETIVE PANEL CONTENT TO BE PROVIDED BY LANDSCAPE ARCHITECT

2 DETAIL - SN-05B INTERPRETIVE SIGN

1 DETAIL - SN-05A INTERPRETIVE SIGN



ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

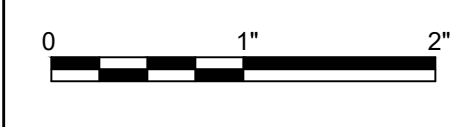
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

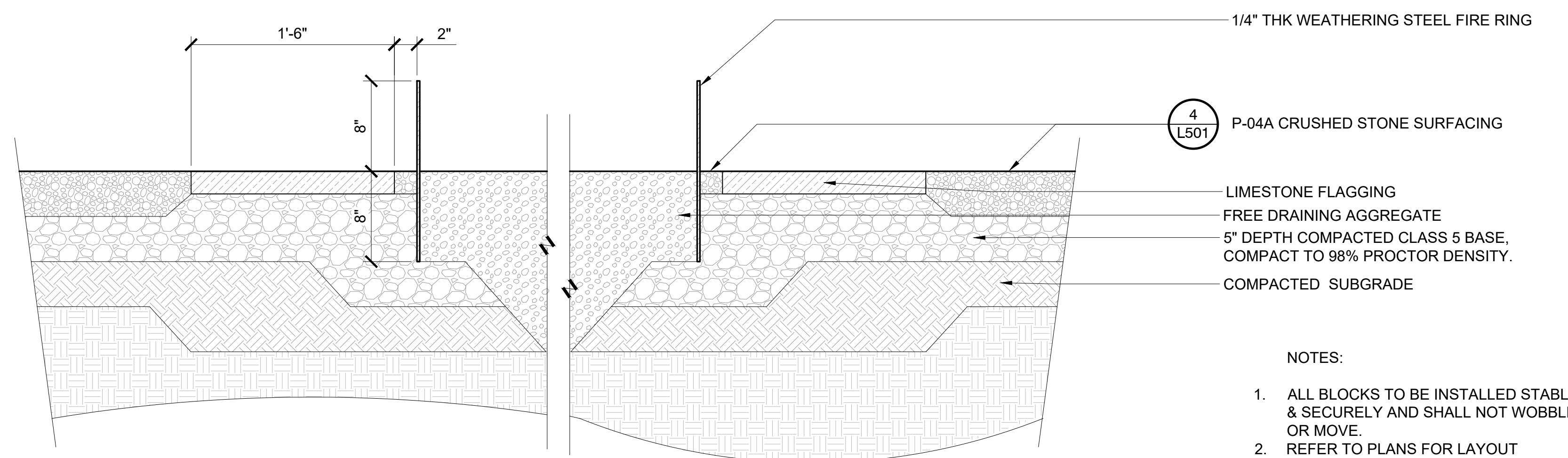
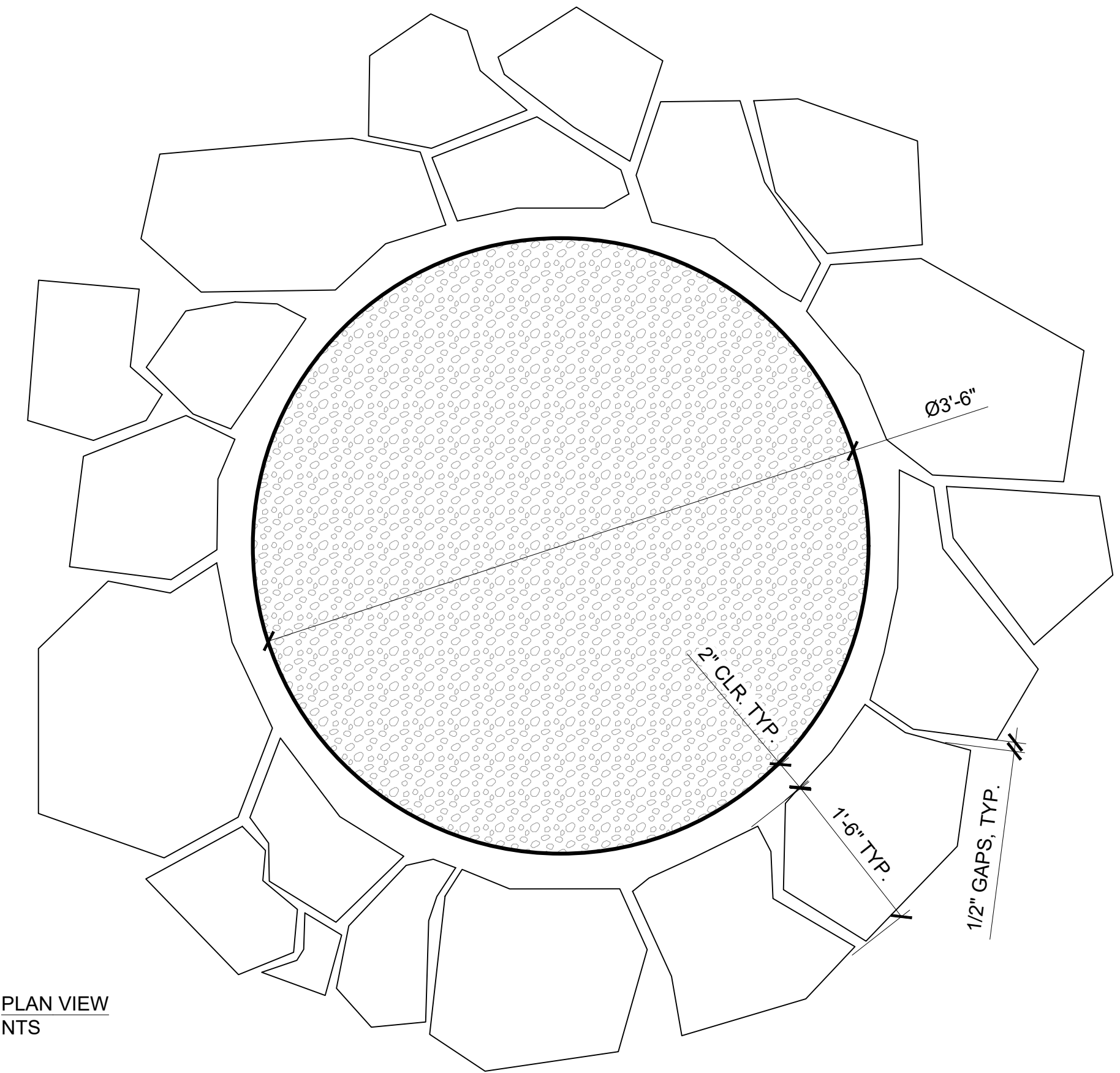
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - SIGNAGE

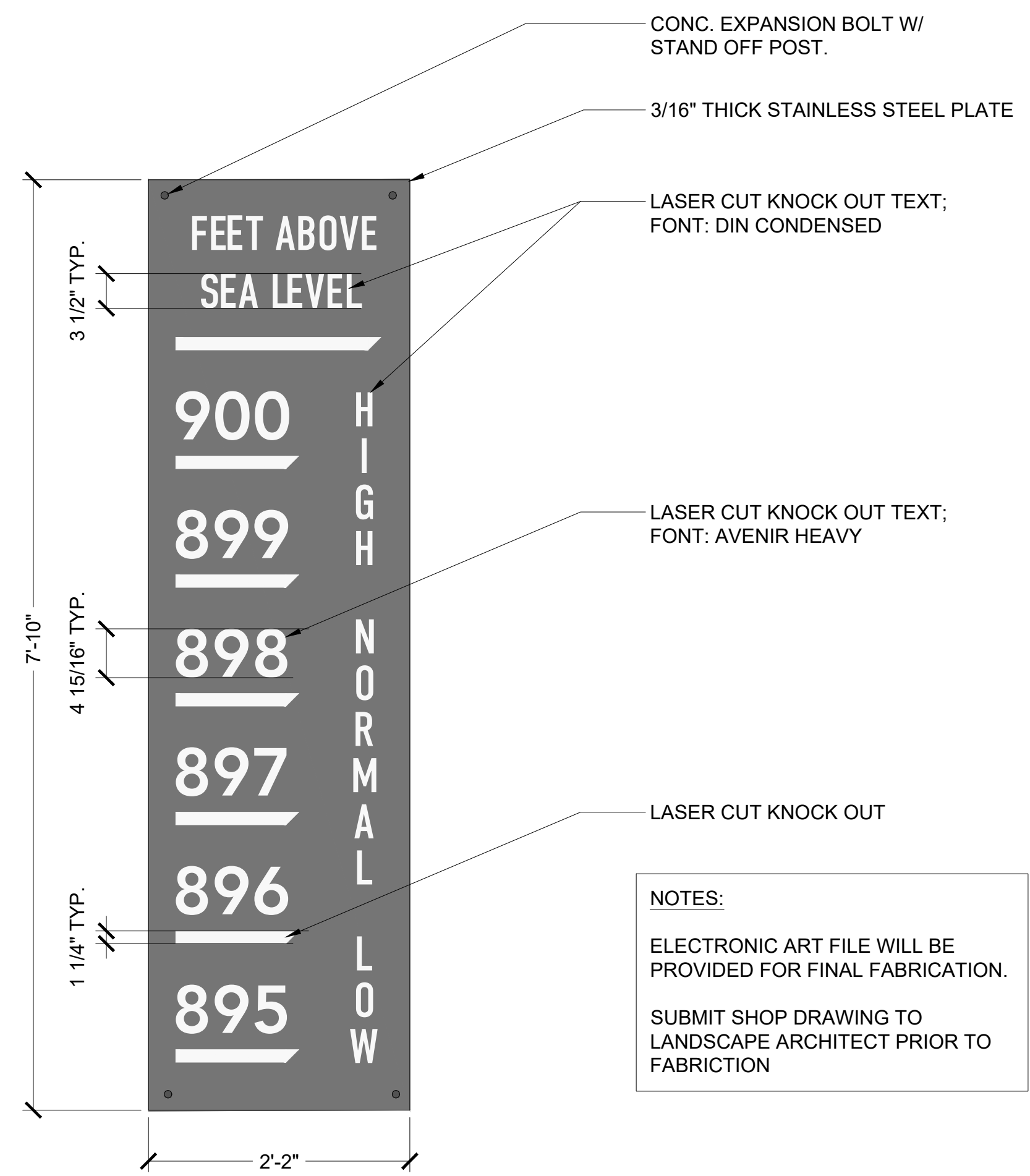


FILENAME
SCALE AS SHOWN

SHEET
L576



- NOTES:
1. ALL BLOCKS TO BE INSTALLED STABLE & SECURELY AND SHALL NOT WOBBLE OR MOVE.
 2. REFER TO PLANS FOR LAYOUT



- NOTES:
- ELECTRONIC ART FILE WILL BE PROVIDED FOR FINAL FABRICATION.
- SUBMIT SHOP DRAWING TO LANDSCAPE ARCHITECT PRIOR TO FABRICATION

2 1" = 1'-0" P-20.199-223

1 1 1/2" = 1'-0" P-20.199-177



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

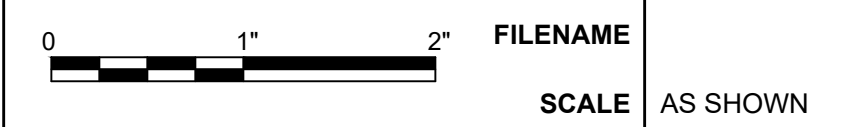
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS J. WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

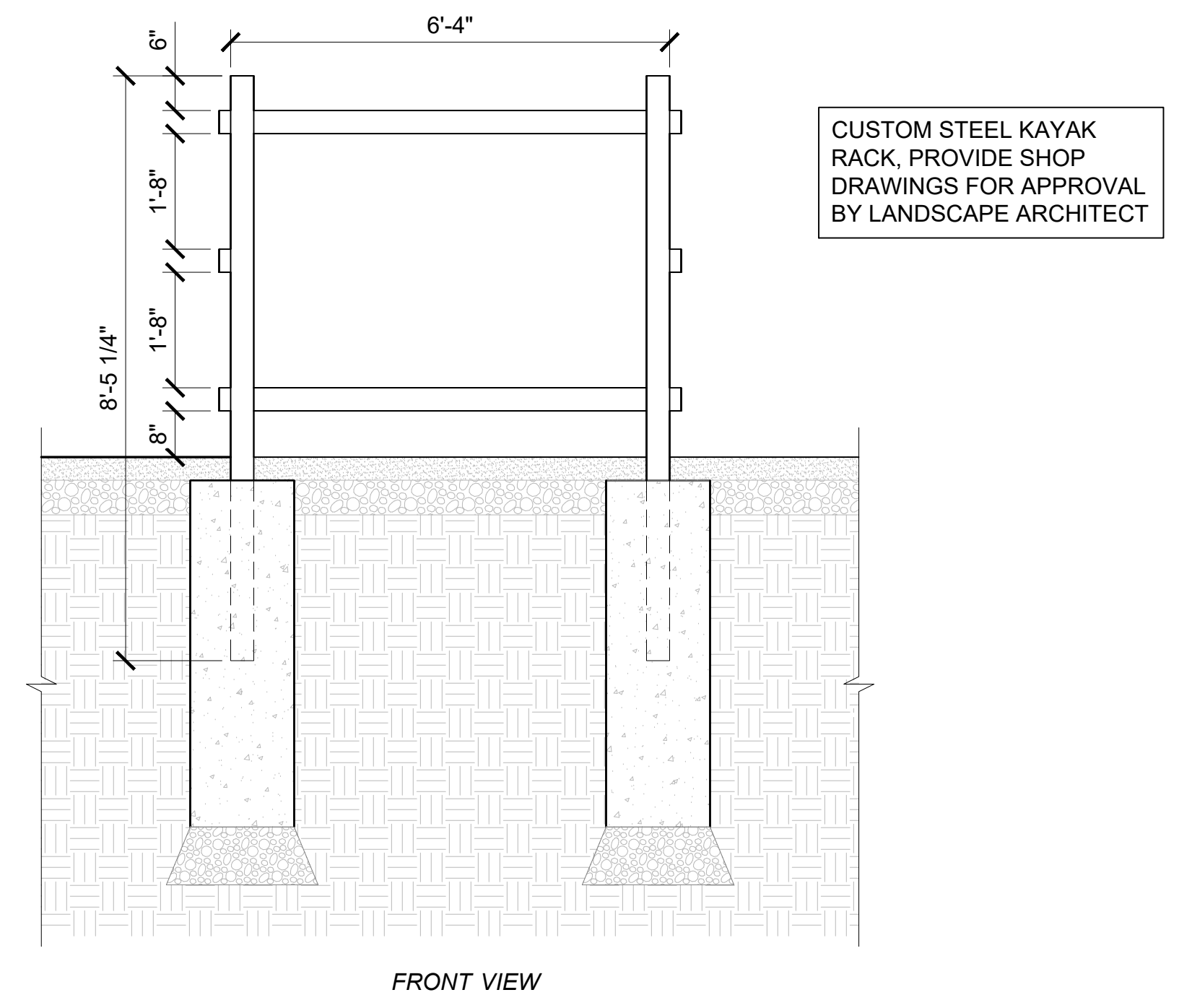
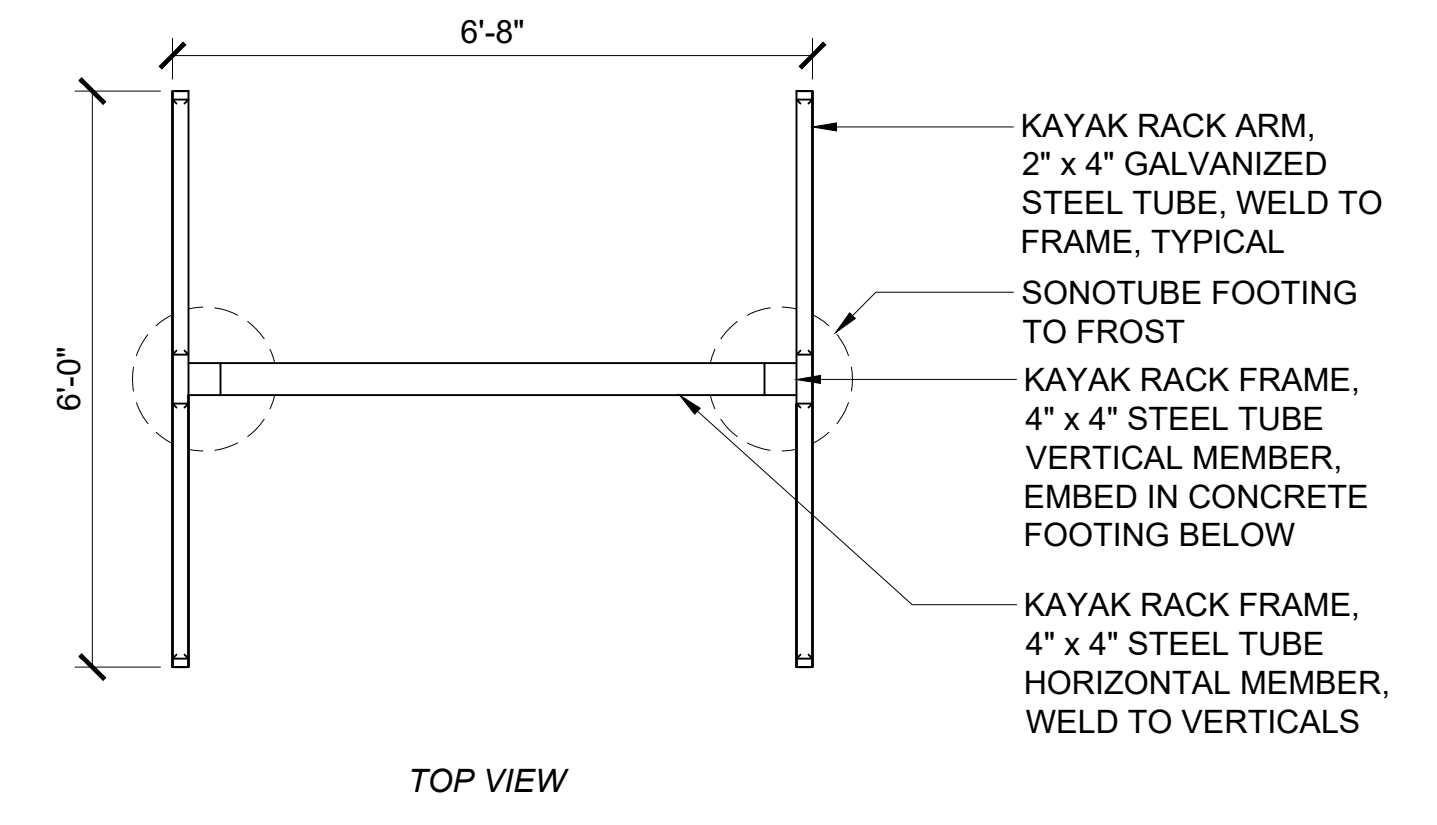
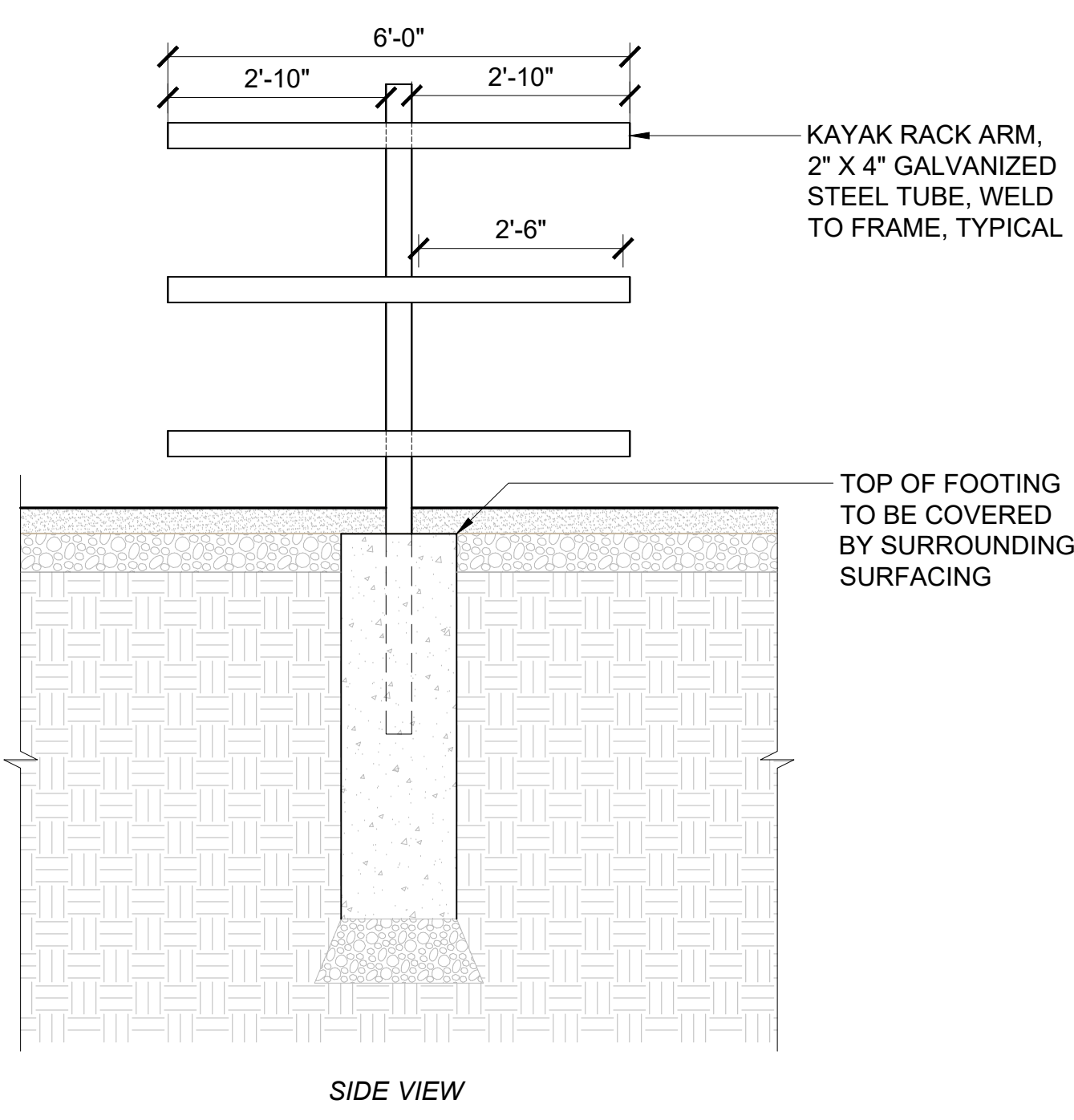
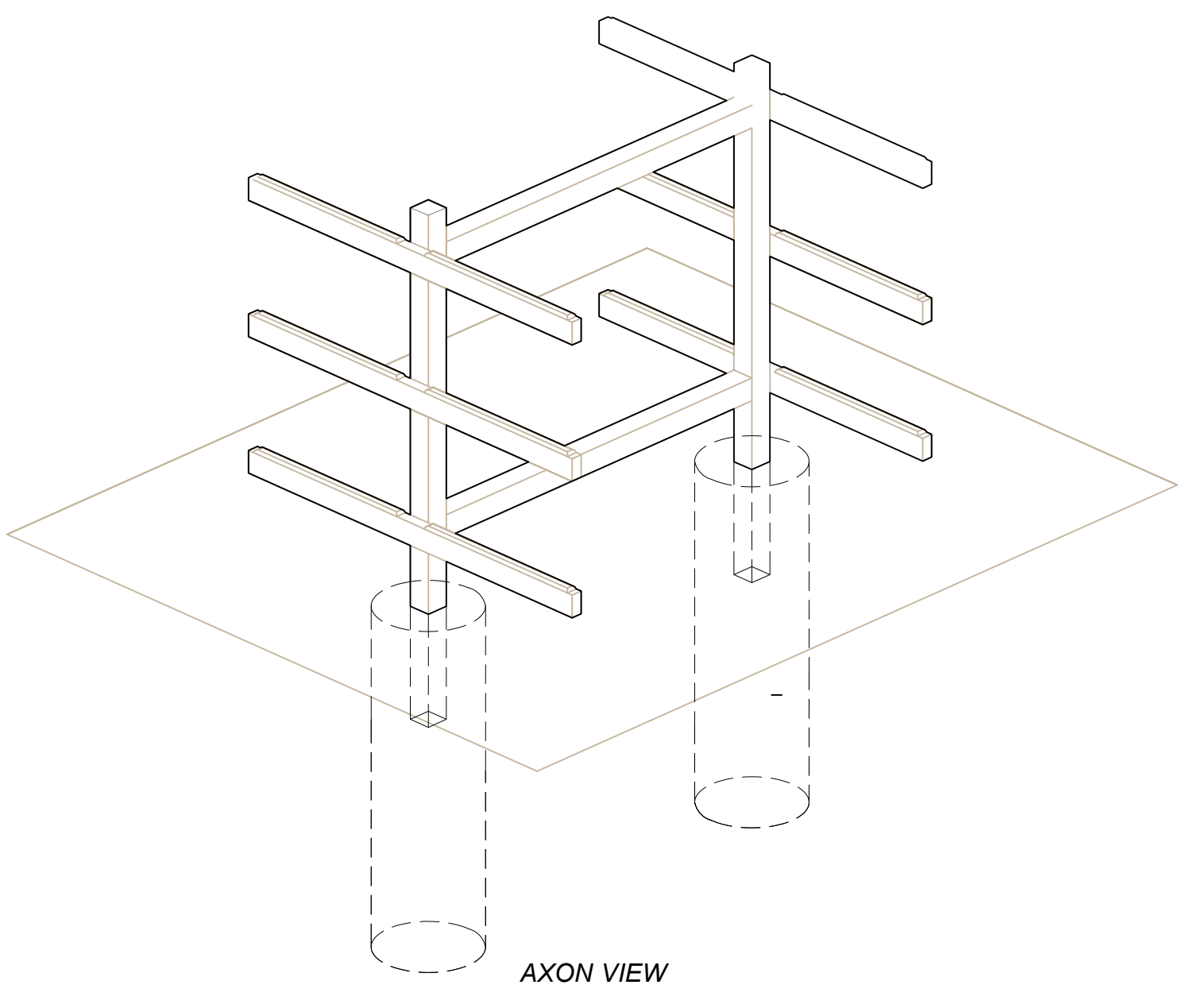
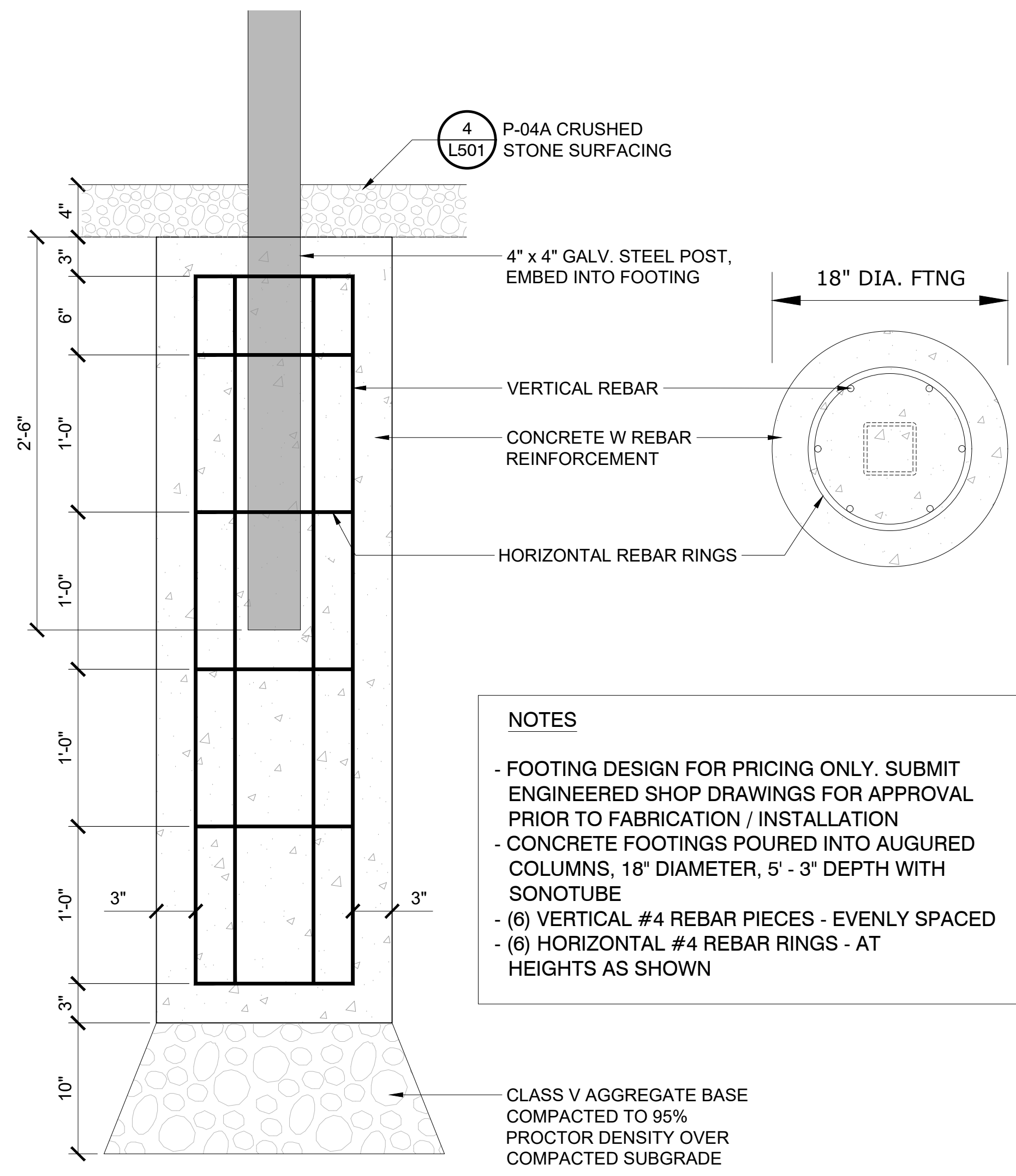
325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - AMENITY



SHEET L580



2 DETAIL - KAYAK RACK FOOTING
1/2" = 1'-0"

1 DETAIL - AM-03 KAYAK RACK
1/2" = 1'-0"

P-20.199-194

P-20.199-195



ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
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A	06/13/2022	PFA GRANT PACKAGE

PROJECT MANAGER	ANDREW F. JUDD
PROJECT NUMBER	10268112

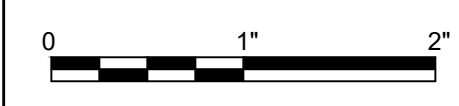
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - AMENITY

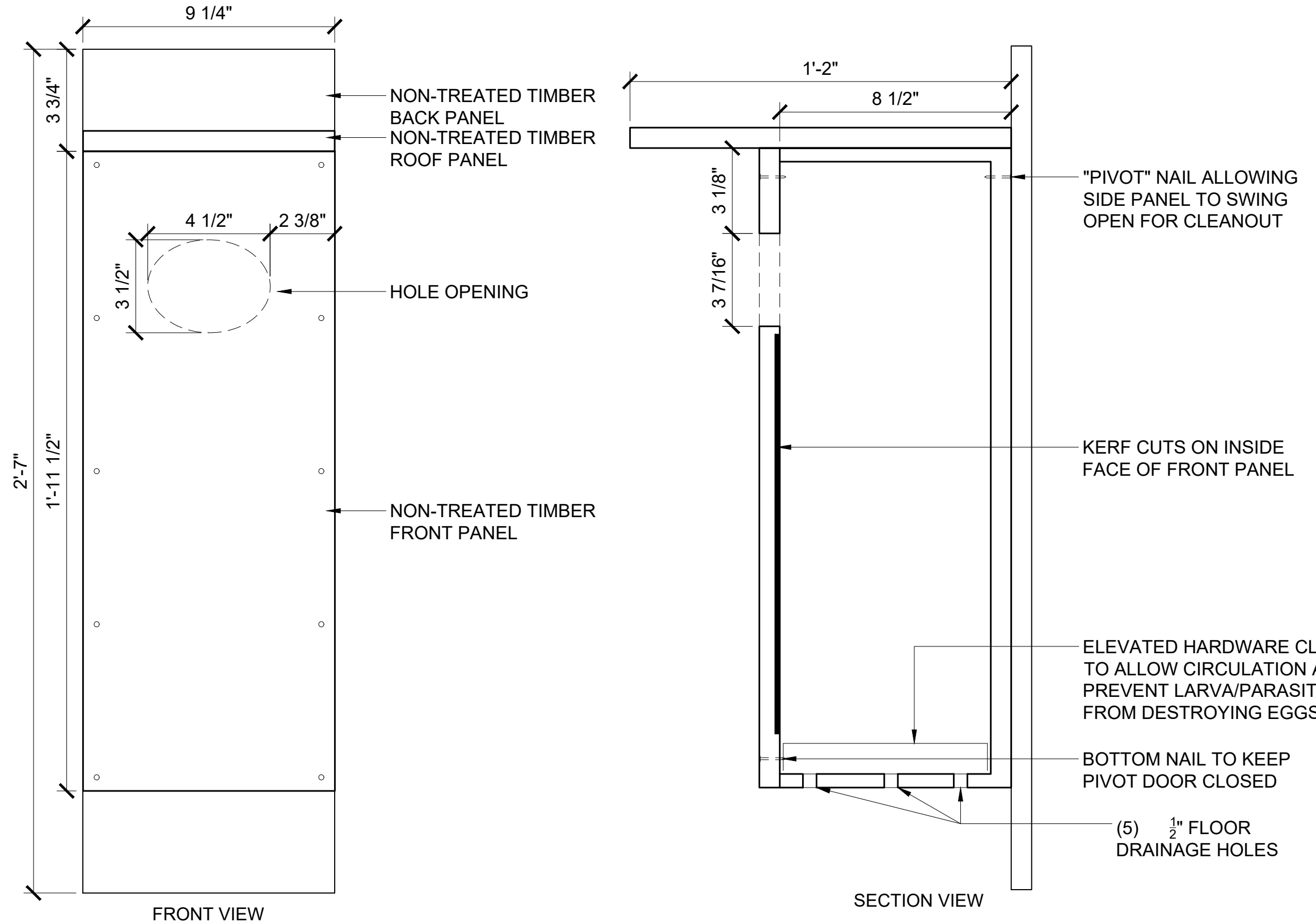


FILENAME
SCALE AS SHOWN

SHEET
L581

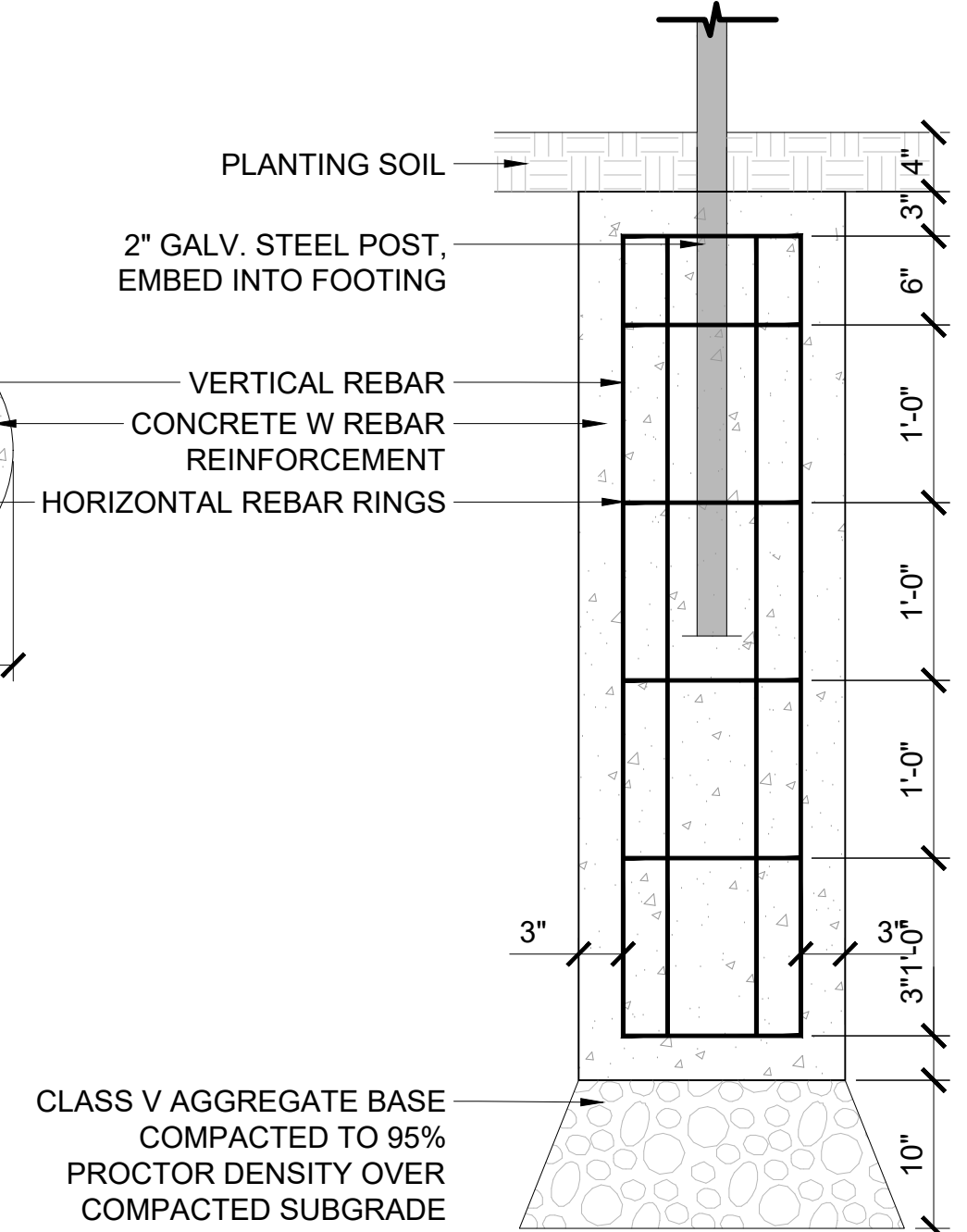
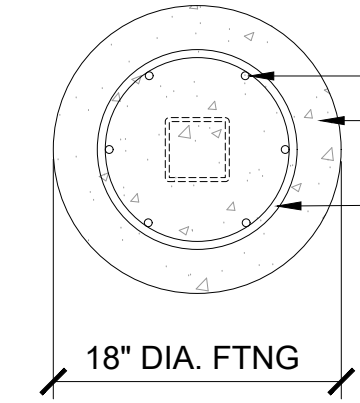
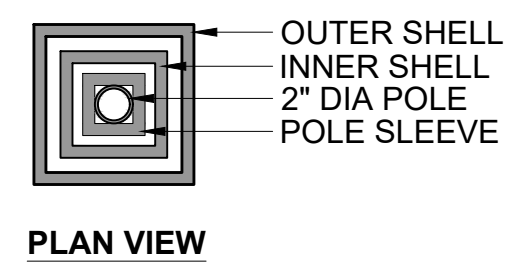
NOTES:

- DO NOT USE TREATED WOOD OR PLYWOOD
- DO NOT USE OIL-BASED PAINTS OR STAINS. USE NONTOXIC WOOD PRESERVATIVE OR NEUTRAL COLORED PAINT. DO NOT APPLY FINISH INSIDE BOX.
- PLACE 4"-6" OF WOOD SHAVINGS IN BOTTOM OF BOX. DO NOT USE SAWDUST.
- CLEAN OUT BOX EVERY EVERY FALL SEASON AND REPLACE WITH NEW NESTING MATERIALS.



- NOTES:**
- DO NOT PAINT ANY MATERIALS DARK COLORS.
 - DO NOT USE TREATED WOOD OR PLYWOOD OR CEDAR (POPULAR PREFERRED).
 - DO NOT USE OIL-BASED STAINS OR PAINTS.
 - USE ASPHALT SHINGLES OR GALVANIZED METAL FOR OUTER ROOF.

- FOOTING NOTES:**
- FOOTING DESIGN FOR PRICING ONLY. SUBMIT ENGINEERED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION / INSTALLATION
 - CONCRETE FOOTINGS POURED INTO AUGURED COLUMNS, 18" DIAMETER, 5' - 3" DEPTH WITH SONOTUBE
 - (6) VERTICAL #4 REBAR PIECES - EVENLY SPACED
 - (6) HORIZONTAL #4 REBAR RINGS - AT HEIGHTS AS SHOWN

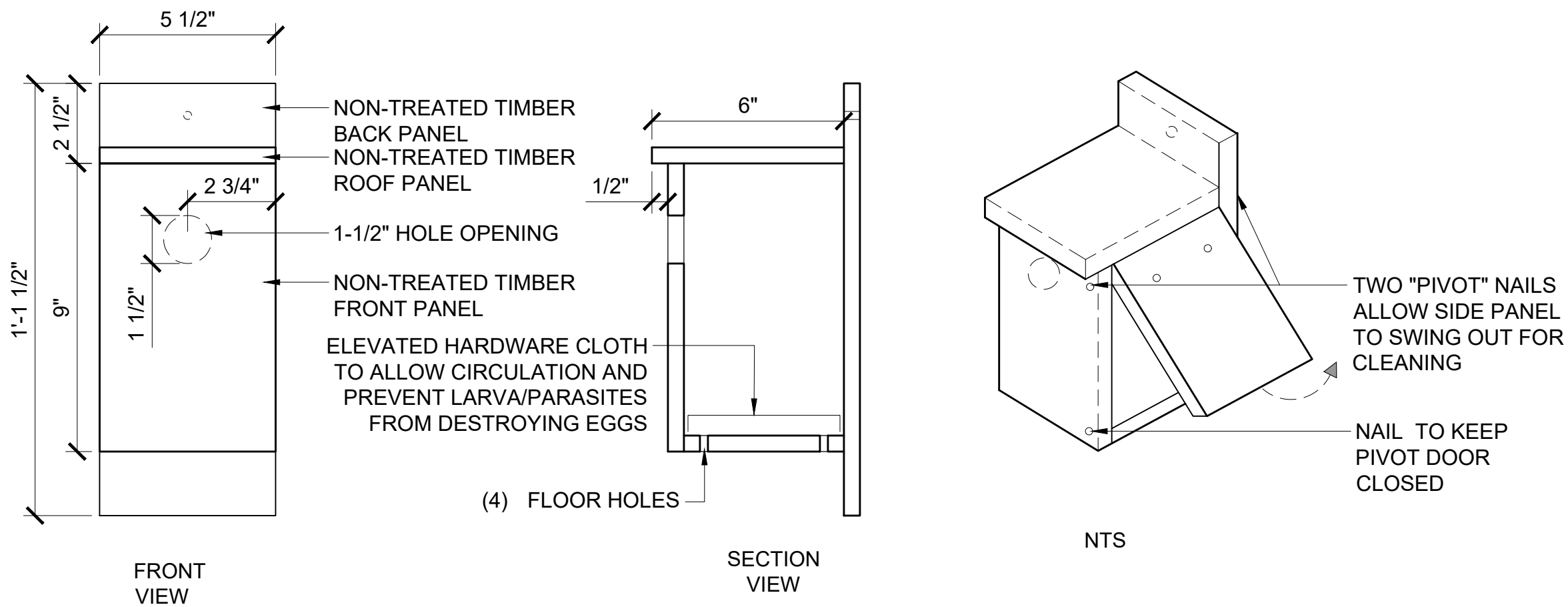


3 DETAIL - AM-07 WOOD DUCK BOX

3" = 1'-0" P-20.199-217

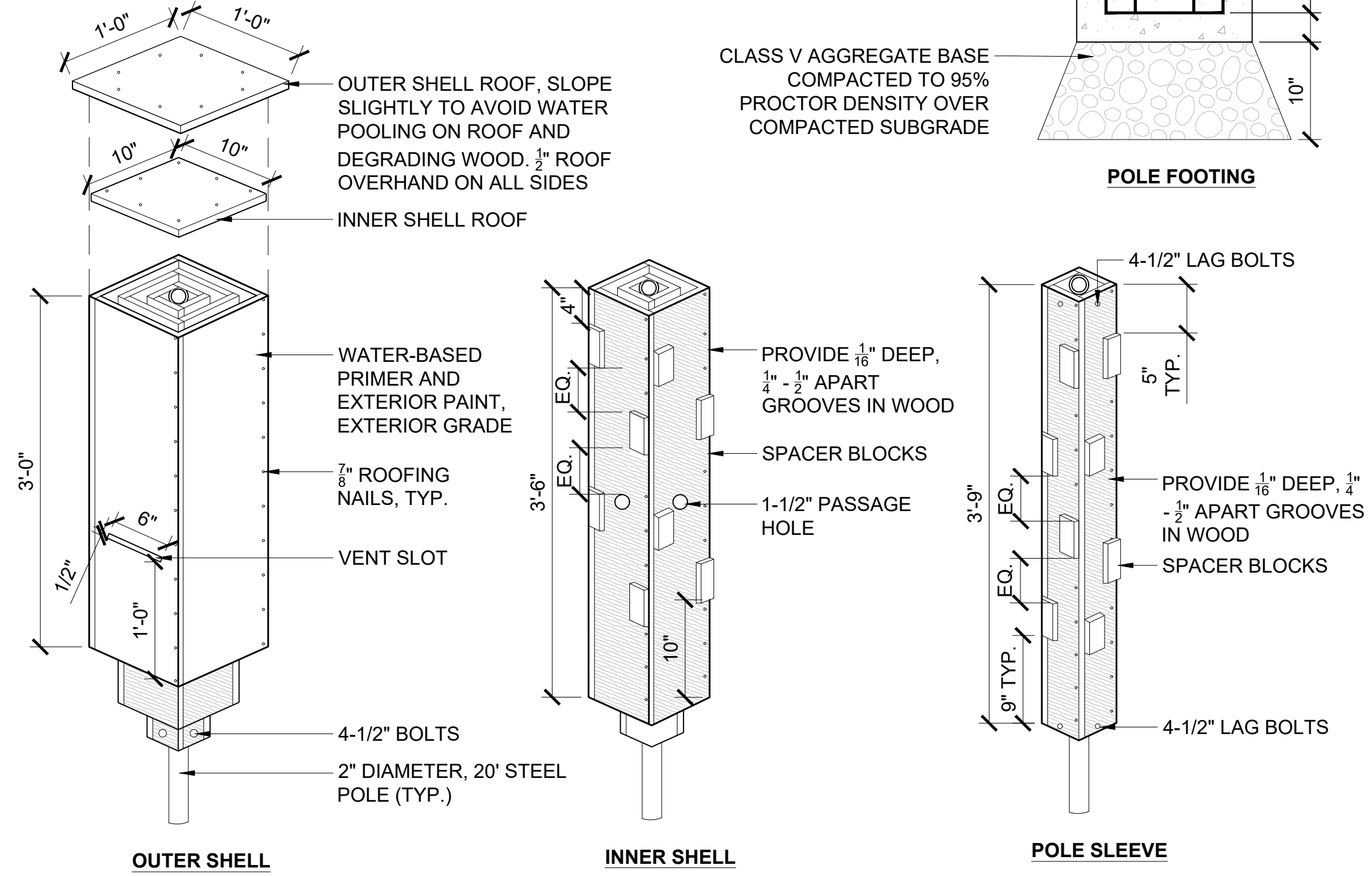
NOTES:

- DO NOT USE TREATED WOOD OR PLYWOOD
- DO NOT USE OIL-BASED PAINTS OR STAINS



2 DETAIL - AM-06 BLUEBIRD HOUSE

3" = 1'-0" P-20.199-216



1 DETAIL - AM-05 BAT HOUSE

1" = 1'-0" P-20.199-215

PROJECT MANAGER ANDREW F. JUDD

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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - AMENITY

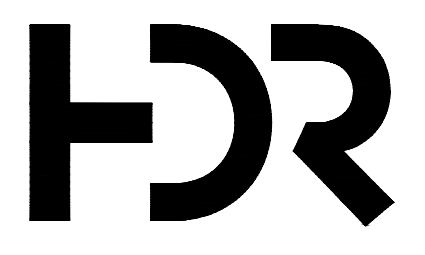


FILENAME
SCALE AS SHOWN

SHEET
L582



MINNEHAHA CREEK
WATERSHED DISTRICT



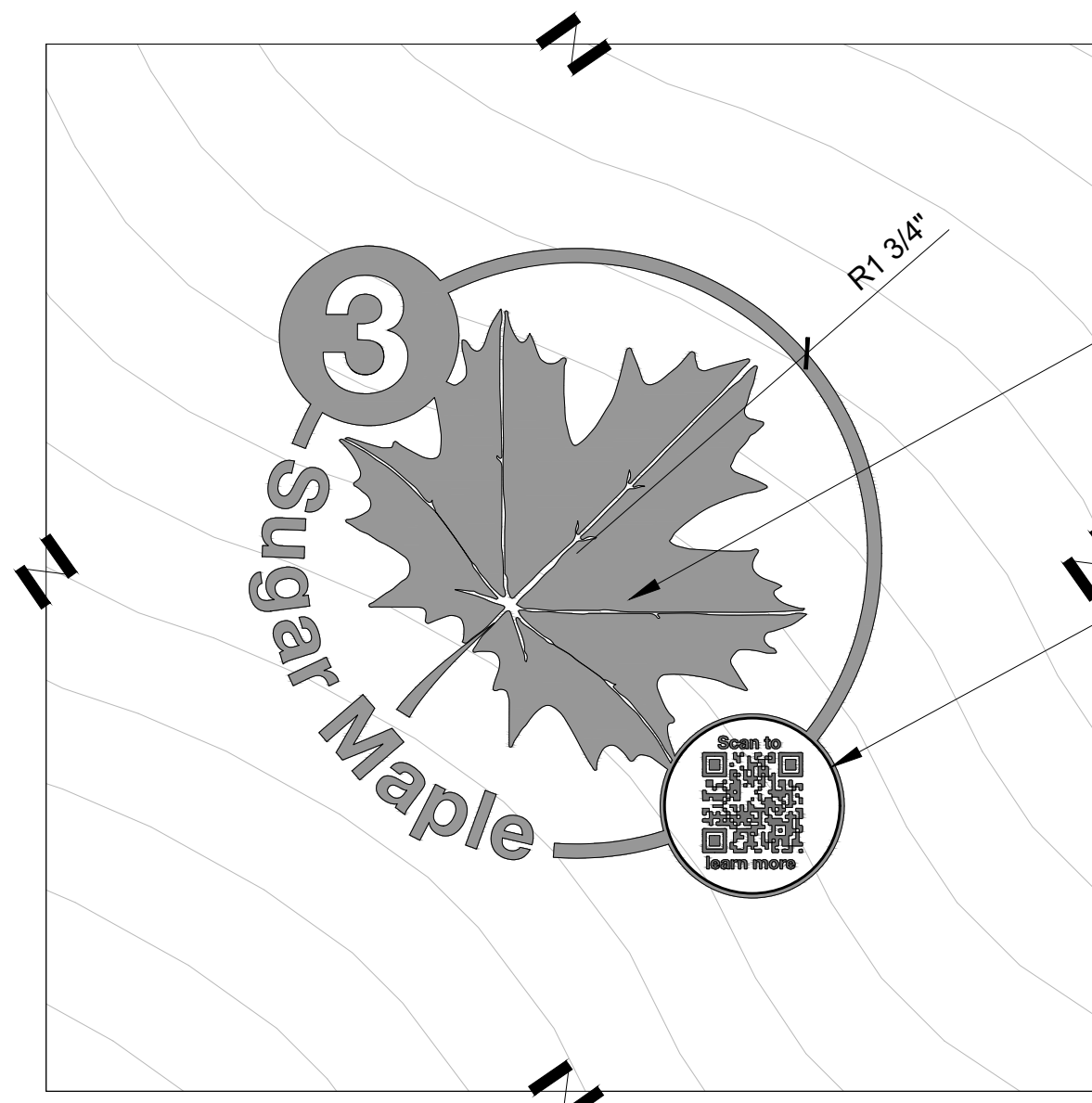
DF/ DAMON FARBER
LANDSCAPE ARCHITECTS
401 North 2nd Avenue, Suite 410
Minneapolis, MN 55401 p: 612.332.7522

ISSUE	DATE	DESCRIPTION
C	03/28/2023	100% DESIGN
B	09/14/2022	90% DESIGN
A	06/13/2022	PFA GRANT PACKAGE

PROJECT NUMBER	10268112
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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

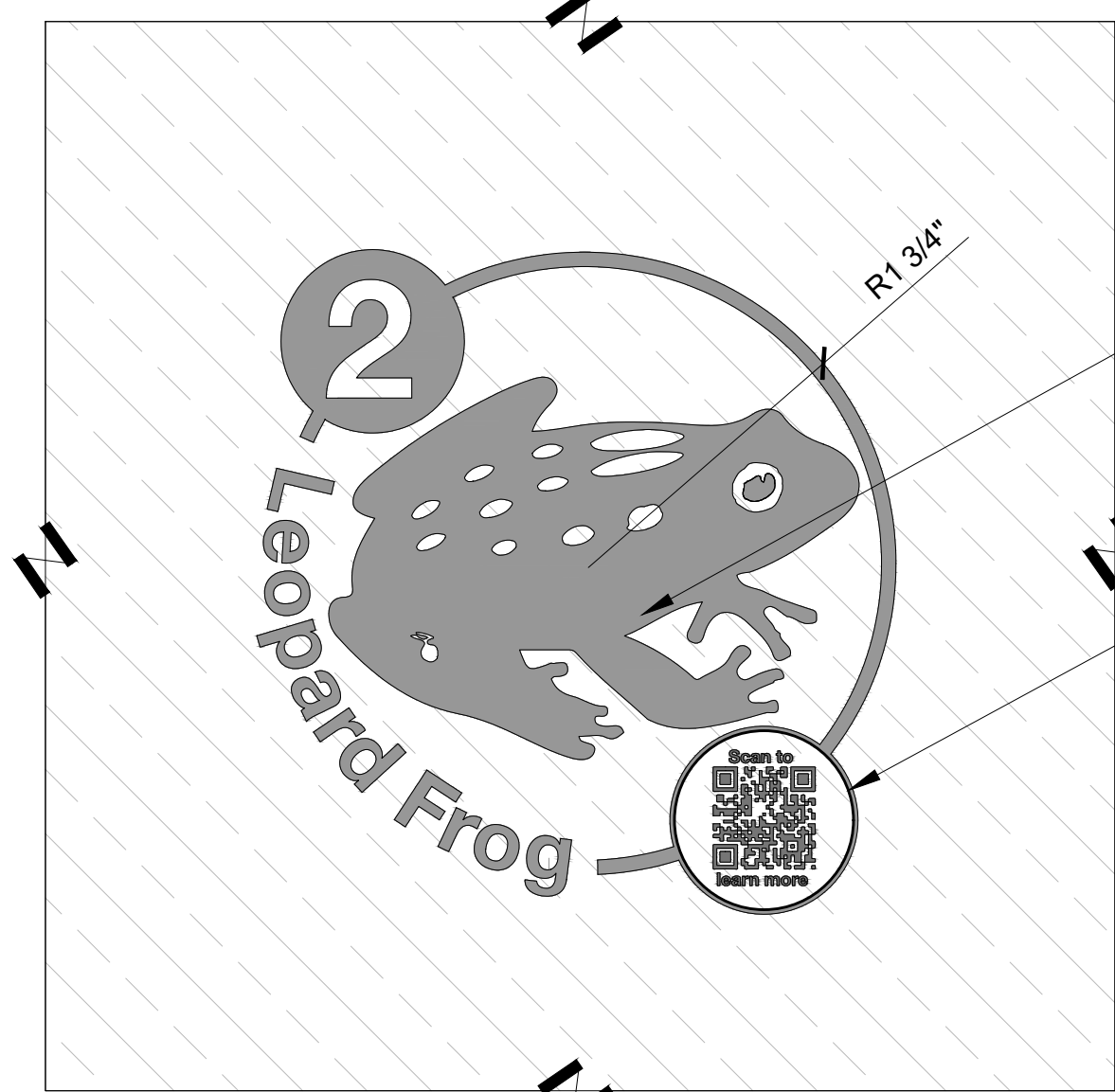
NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.



1/4" DEPTH ENGRAVING TO RECEIVE BLACK COLOR INFILL

1" DIA. SS METAL PLAQUE WITH LASER PAINT ETCHED QR CODE, RECESS MATERIAL TO PROVIDE FLUSH SURFACE

2 DETAIL - WOOD ENGRAVING
1" = 1"
DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.

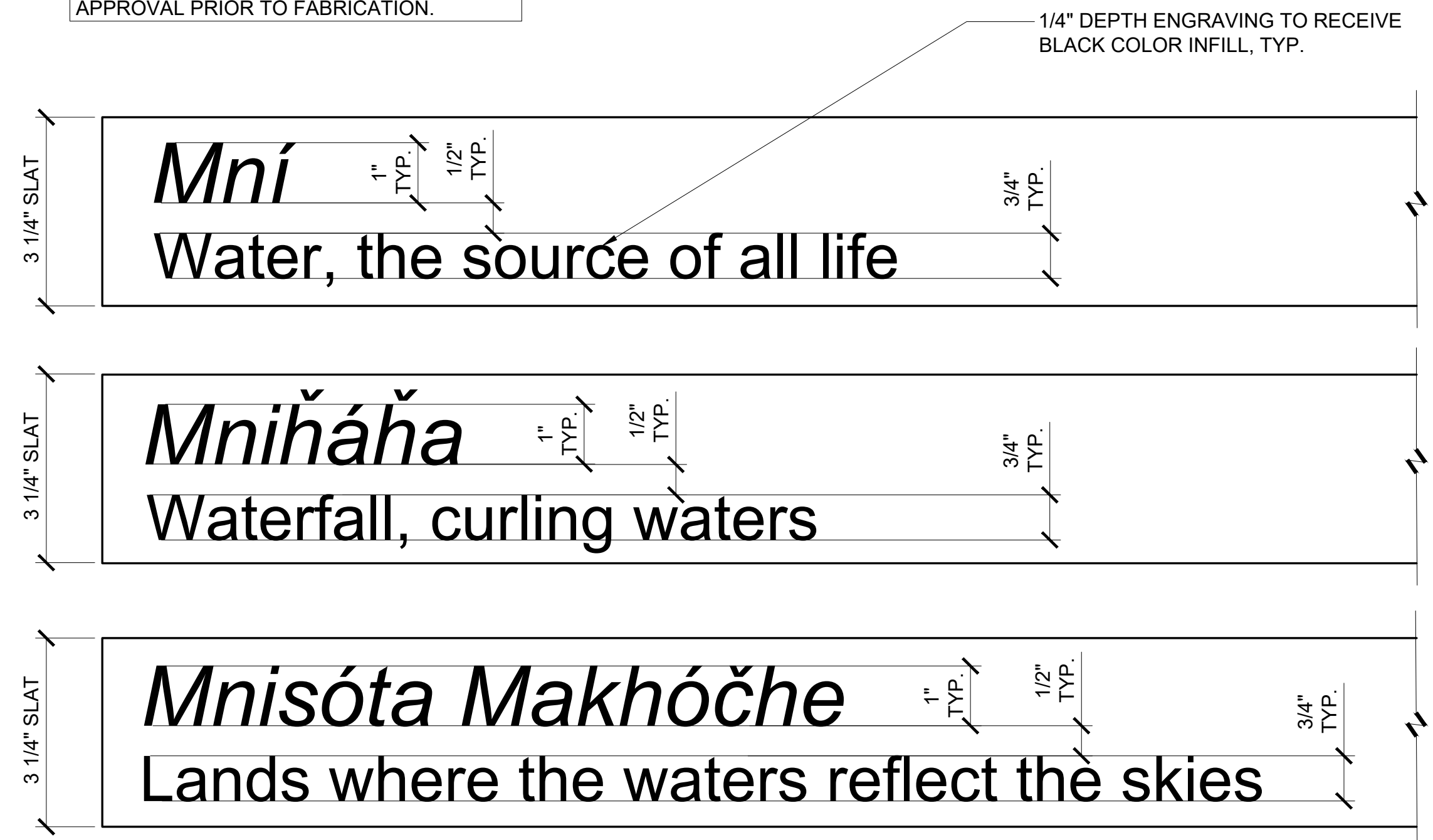


1/4" DEPTH ENGRAVING TO RECEIVE BLACK COLOR INFILL

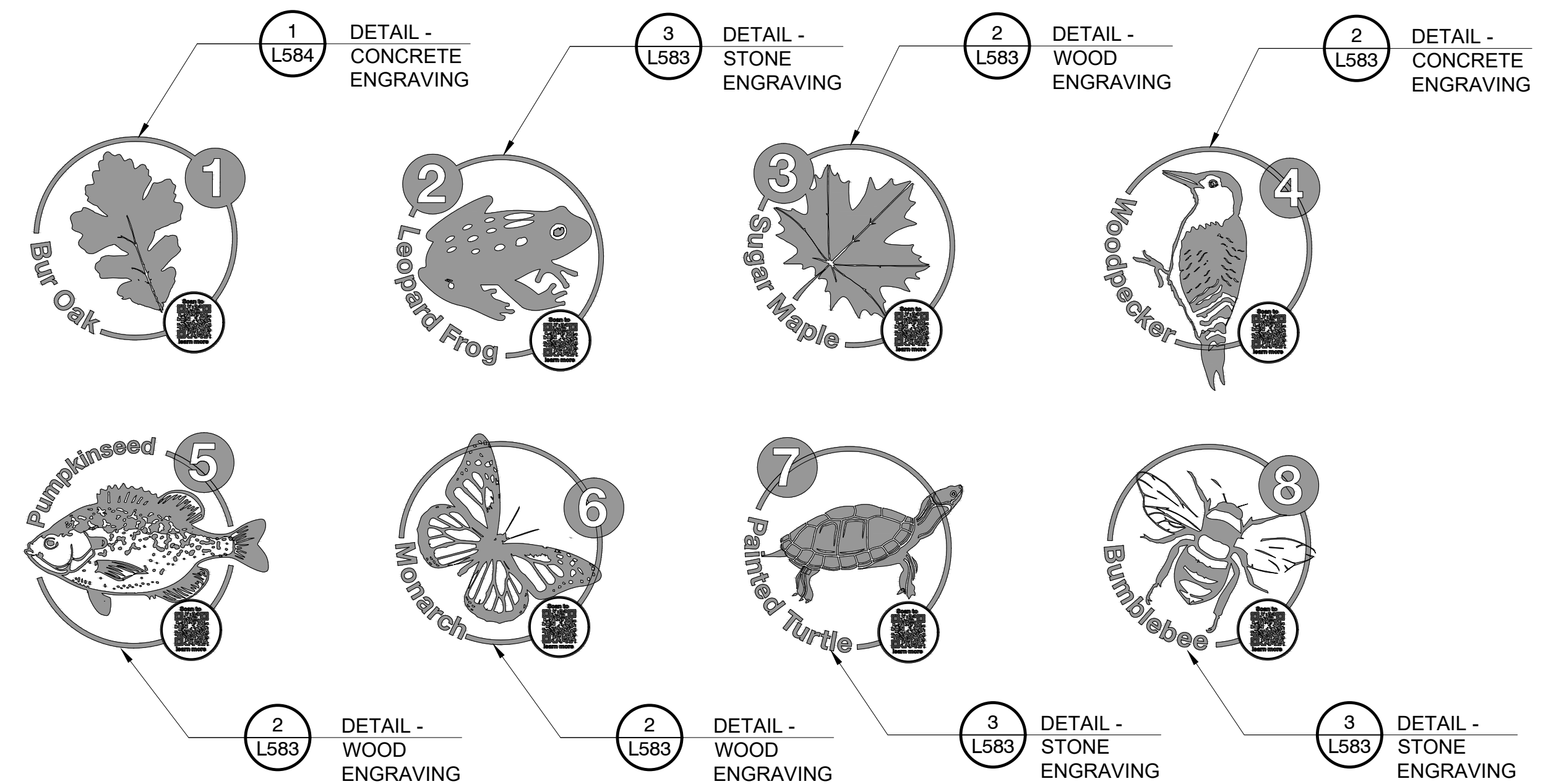
1" DIA. SS METAL PLAQUE WITH LASER PAINT ETCHED QR CODE, RECESS MATERIAL TO PROVIDE FLUSH SURFACE

3 DETAIL - STONE ENGRAVING
1" = 1"

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.



ENGRAVING TYPE 1: DAKOTA LANGUAGE TRANSLATIONS

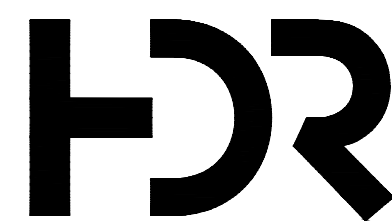


ENGRAVING TYPE 2: SCAVENGER HUNT ICONS

1 DETAIL - ENGRAVING GRAPHIC TYPES
6" = 1'-0"



MINNEHAHA CREEK WATERSHED DISTRICT



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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER 10268112

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THOMAS J WHITLOCK, PLA
DATE XX/XX/XXXX LICENSE # 26292

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MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

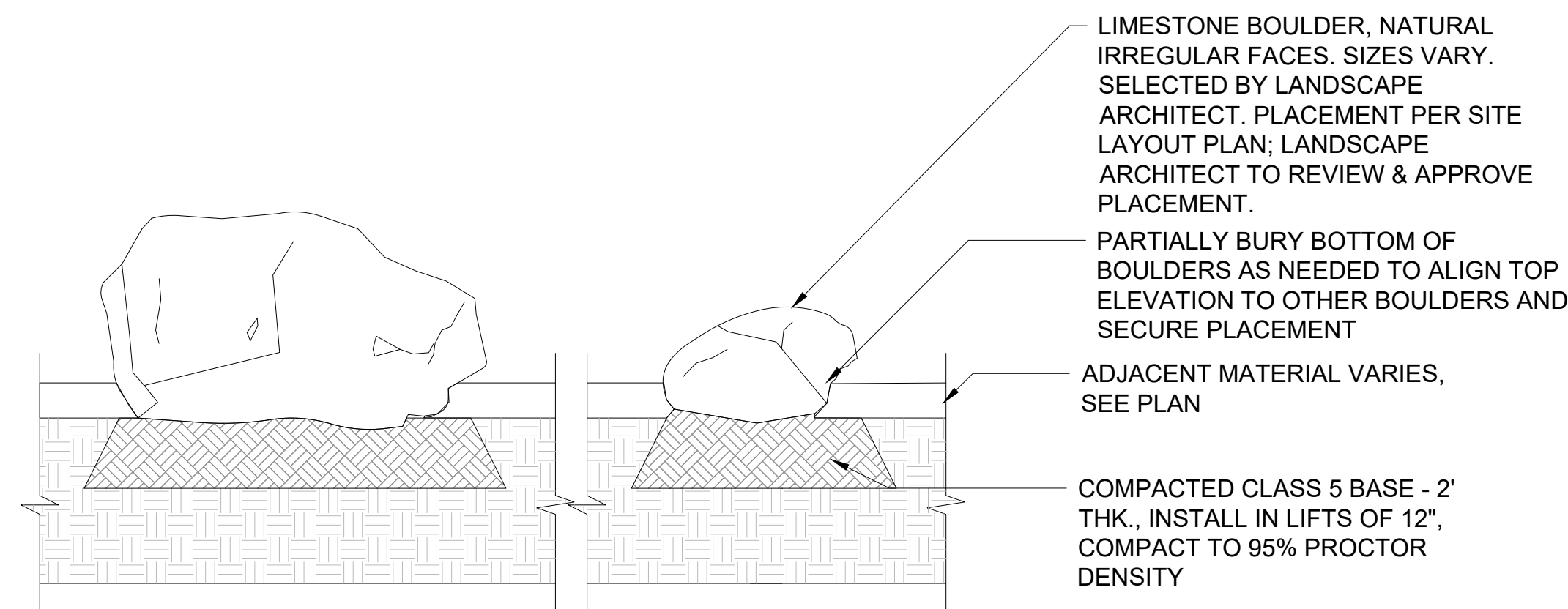
LANDSCAPE DETAILS - AMENITY



FILENAME
SCALE AS SHOWN

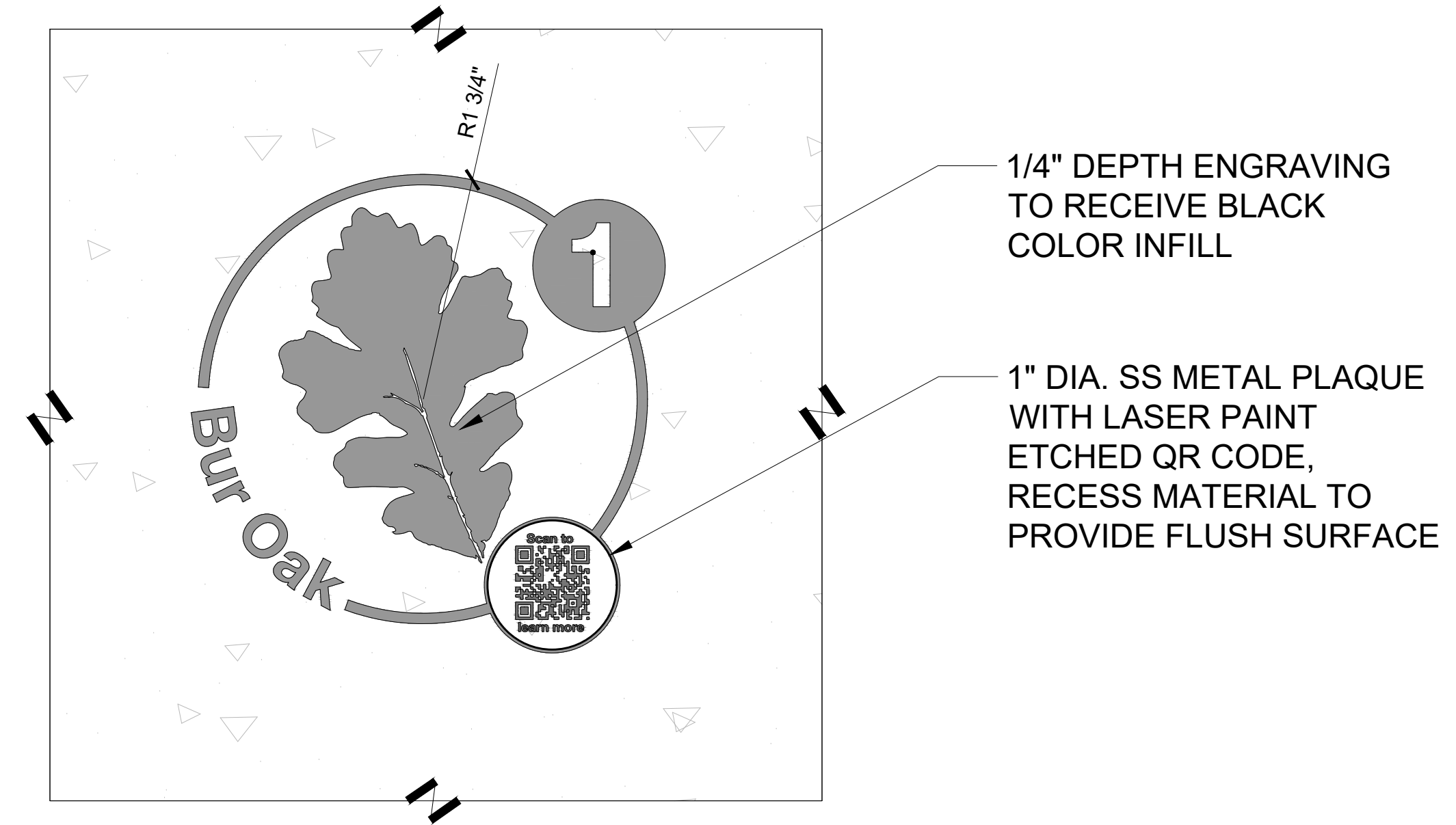
SHEET
L583

P-20.199-222



3 DETAIL - RO-01 LANDSCAPE BOULDER
NTS

P-20.199-38

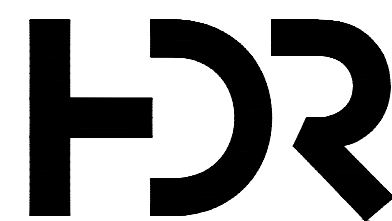


1 DETAIL - CONCRETE ENGRAVING
1" = 1"

P-20.199-225



MINNEHAHA CREEK
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PROJECT MANAGER ANDREW F. JUDD

PROJECT NUMBER	10268112
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AND GREENWAY

MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - AMENITY

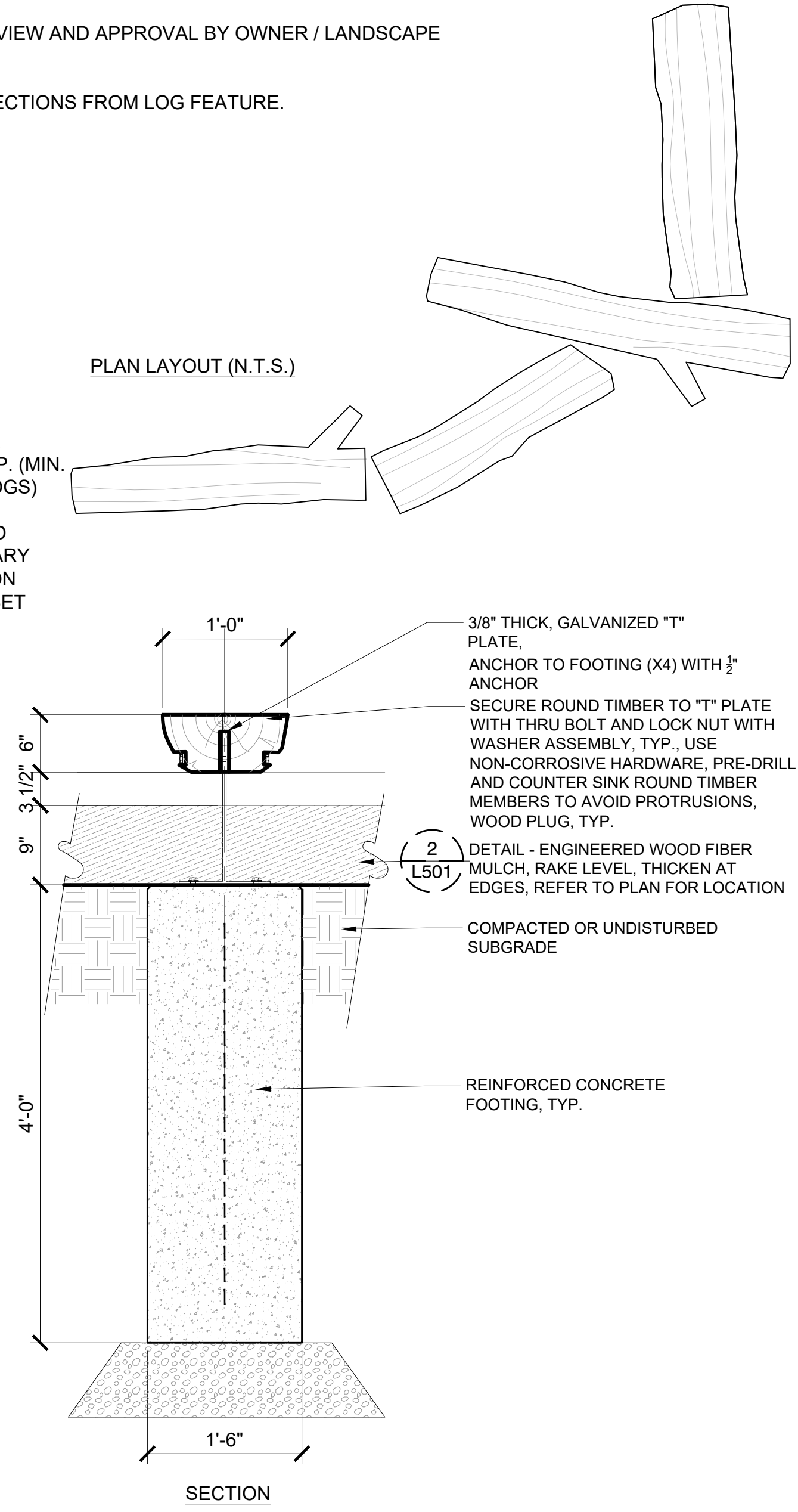
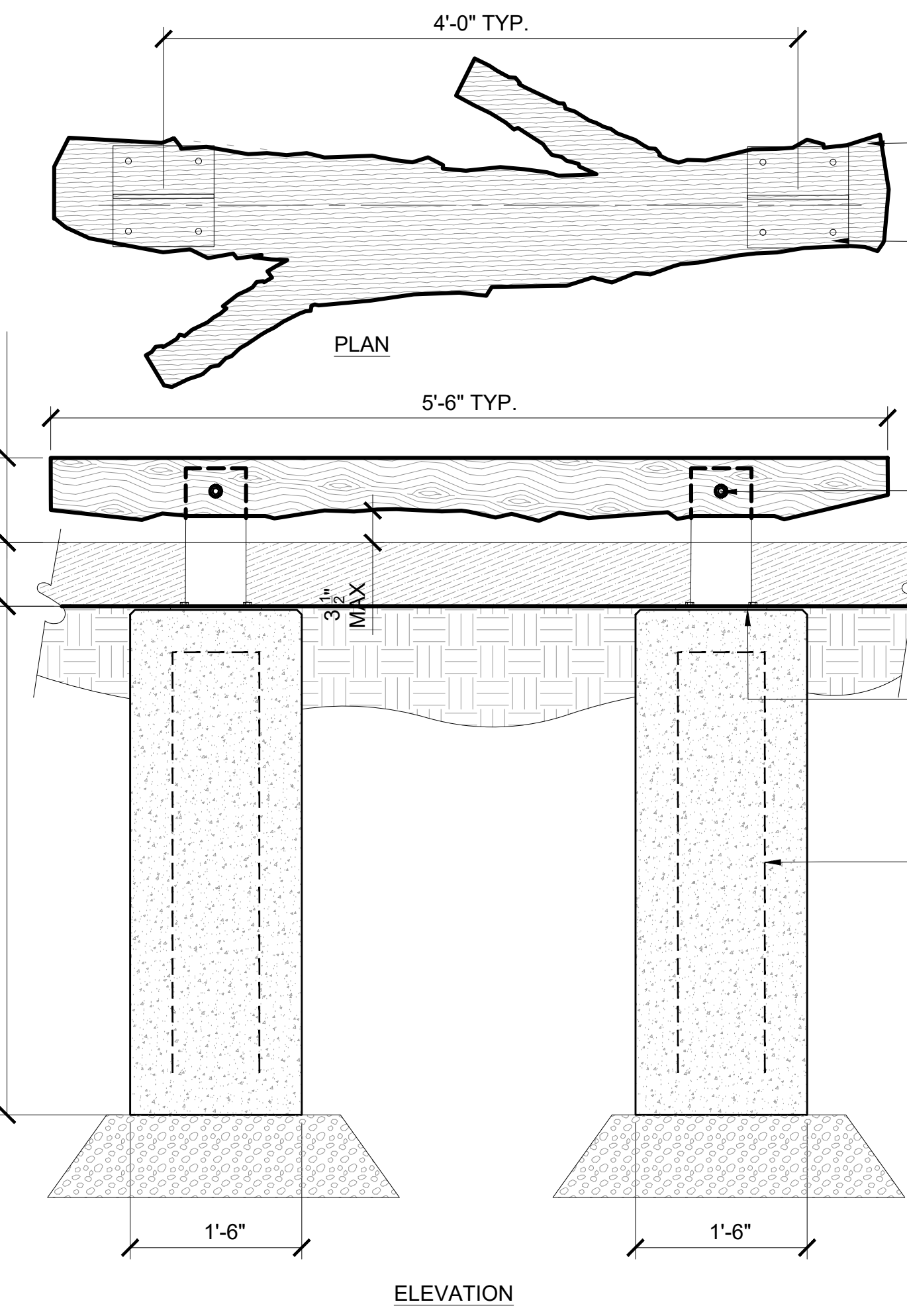
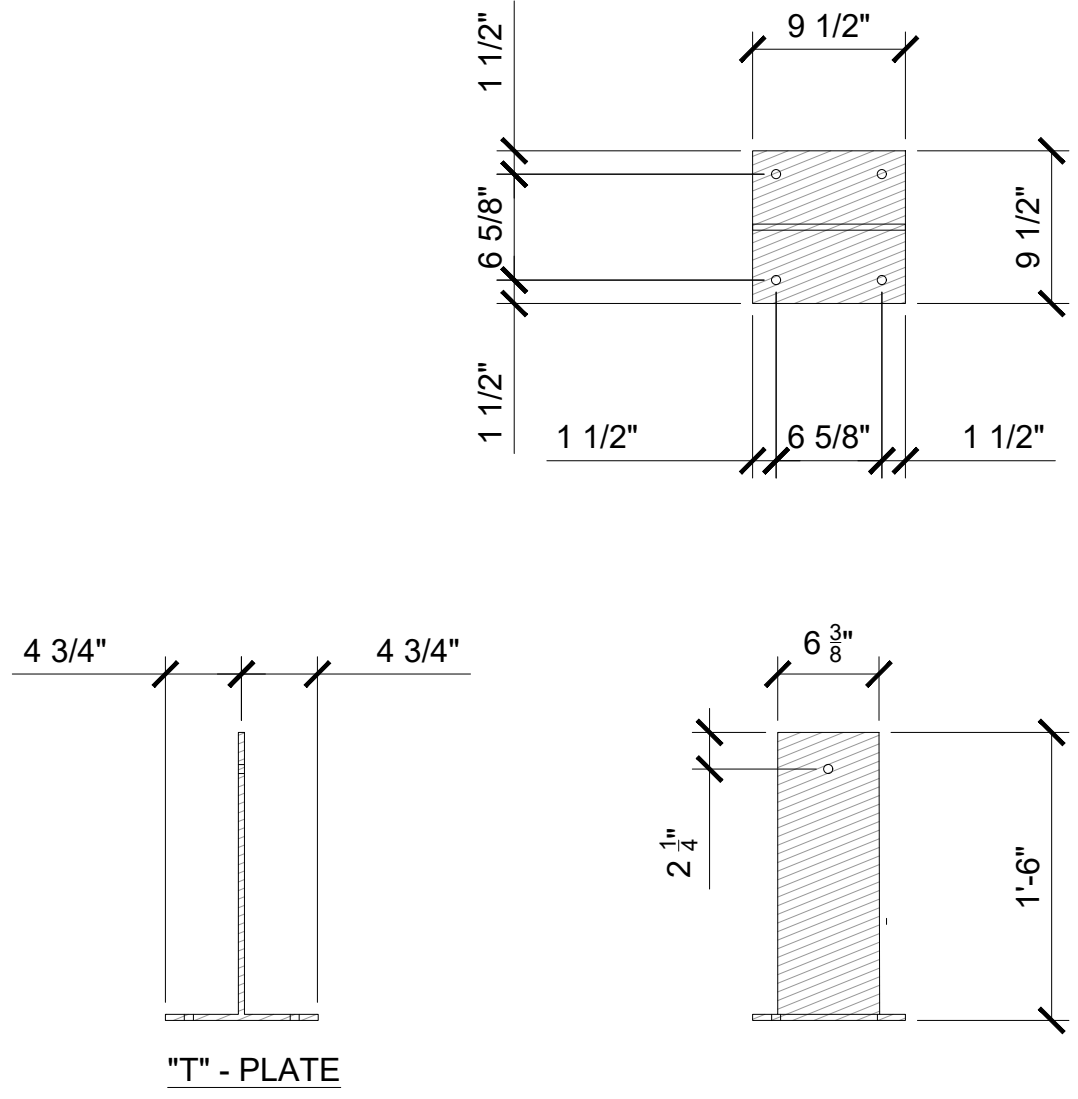


FILENAME
SCALE AS SHOWN

SHEET
L584

GENERAL LOG FEATURE NOTES:

1. ROUND TIMBER MEMBERS TO BE DE-BARKED, KILN DRIED, BLACK LOCUST SPECIES TREATED WITH INSECTICIDE AND SEALER. WOOD SURFACE TO BE SANDED SMOOTH WITH MINIMUM 80 GRIT. WOOD FORM TO BE SELECTED FOR INTENDED PLAY FEATURE PURPOSE. BRANCHES SMALLER THAN 3" DIA. TO BE REMOVED AND SANDED SMOOTH TO MAIN TRUNK. BRANCHES LARGER THAN 3" DIA. TO REMAIN AS "CHARACTER" AS SHOWN WITH VARIATIONS. CUT ENDS OF BRANCHES SO THAT THEY SHED WATER AND HAVE 1/2" CHAMFER AT THE END CUT. REFER TO SPECIFICATIONS.
2. CONTRACTOR TO PROVIDE ENGINEER STAMPED SHOP DRAWINGS. STRUCTURES ARE TO BE DESIGNED TO WITHSTAND LOADS APPLIED, FOLLOWING ASTM F 1487, SECTION 12.6. LOADS SHALL BE CALCULATED USING SECTIONS 12.3.1 TO 12.5.2 AS APPROPRIATE. REDUCTION OF LOADS FROM ULTIMATE (TESTING) LOADS TO ALLOWABLE IS ACCEPTABLE.
3. LOG FEATURE SHALL BE REVIEWED FOR SHARP POINTS, PROTRUSIONS AND ENTRAPMENT AREAS. REFER TO ASTM F 1487-07a FOR INFORMATION.
4. LOG FEATURE CONTRACTOR TO PROVIDE SHOP DRAWINGS OF PLAY FEATURE TO OWNER / LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
5. LOG FEATURE LOCATION TO BE STAKED FOR REVIEW AND APPROVAL BY OWNER / LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
6. FALL ZONE AREA SHALL EXTEND 6 FT IN ALL DIRECTIONS FROM LOG FEATURE.

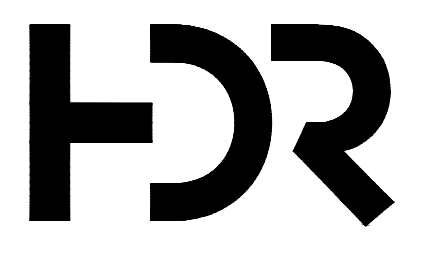


1 DETAIL - LOG RUN LANDSCAPE FEATURE
1" = 1'-0"

P-20.199-62



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PROJECT NUMBER	10268112

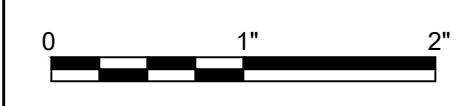
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325 BLAKE RD REGIONAL STORMWATER AND GREENWAY

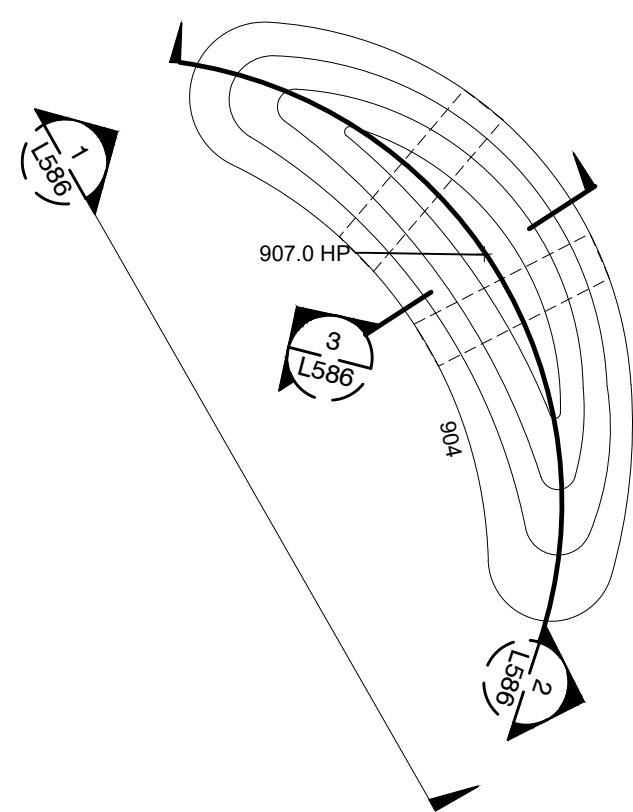
MINNEHAHA CREEK WATERSHED DISTRICT
325 BLAKE RD
HOPKINS, MN 55343

LANDSCAPE DETAILS - PLAY EQUIPMENT

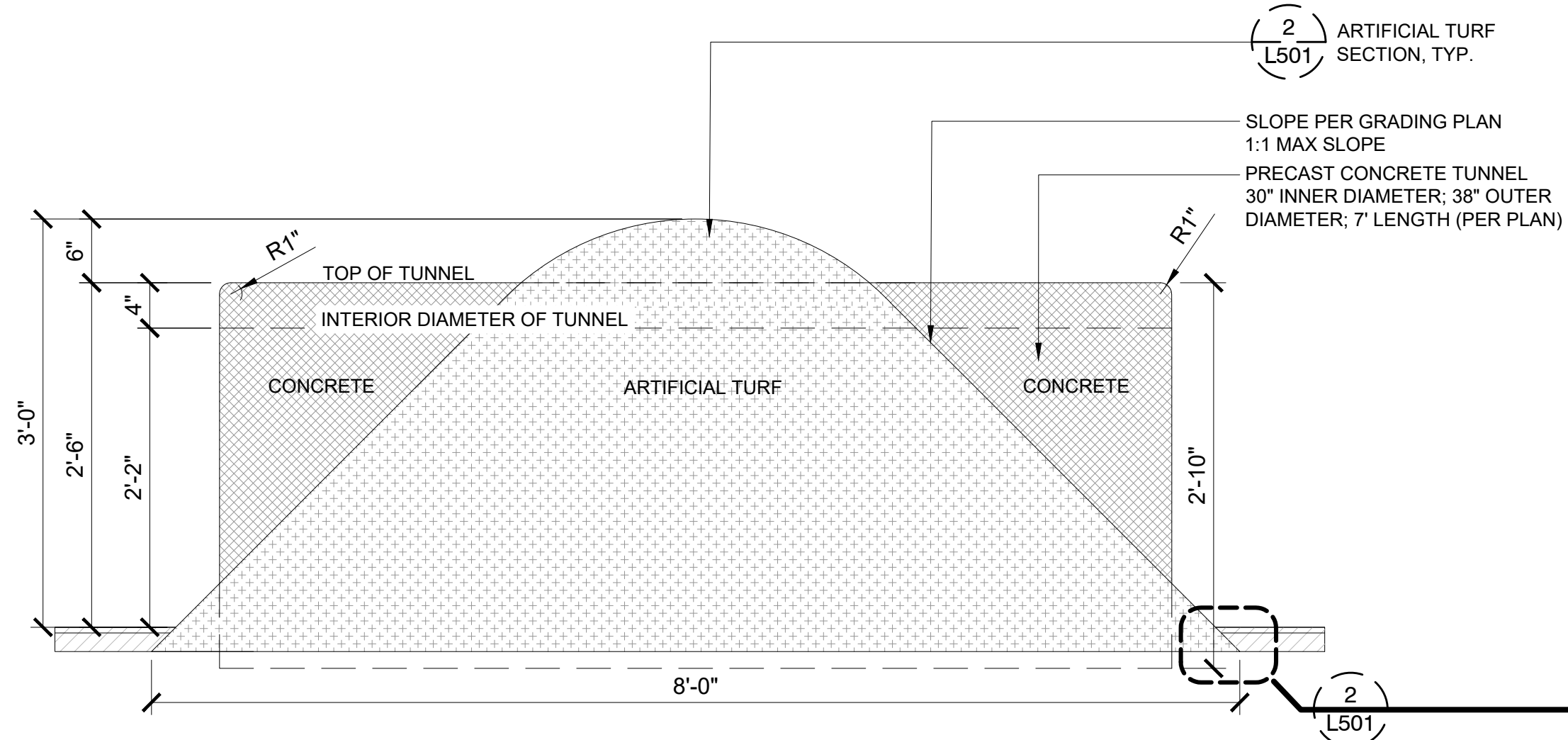


SCALE AS SHOWN

SHEET L585

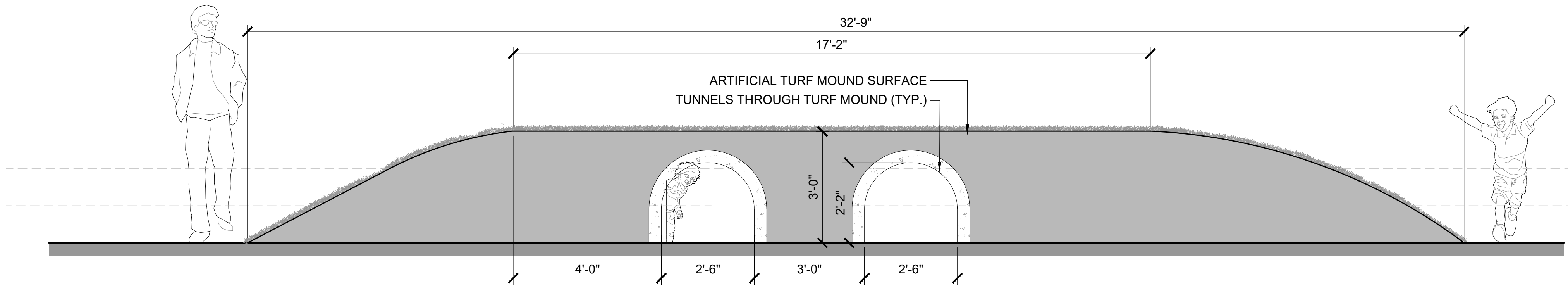


4 ARTIFICIAL TURF MOUND FEATURE - PLAN VIEW
NTS

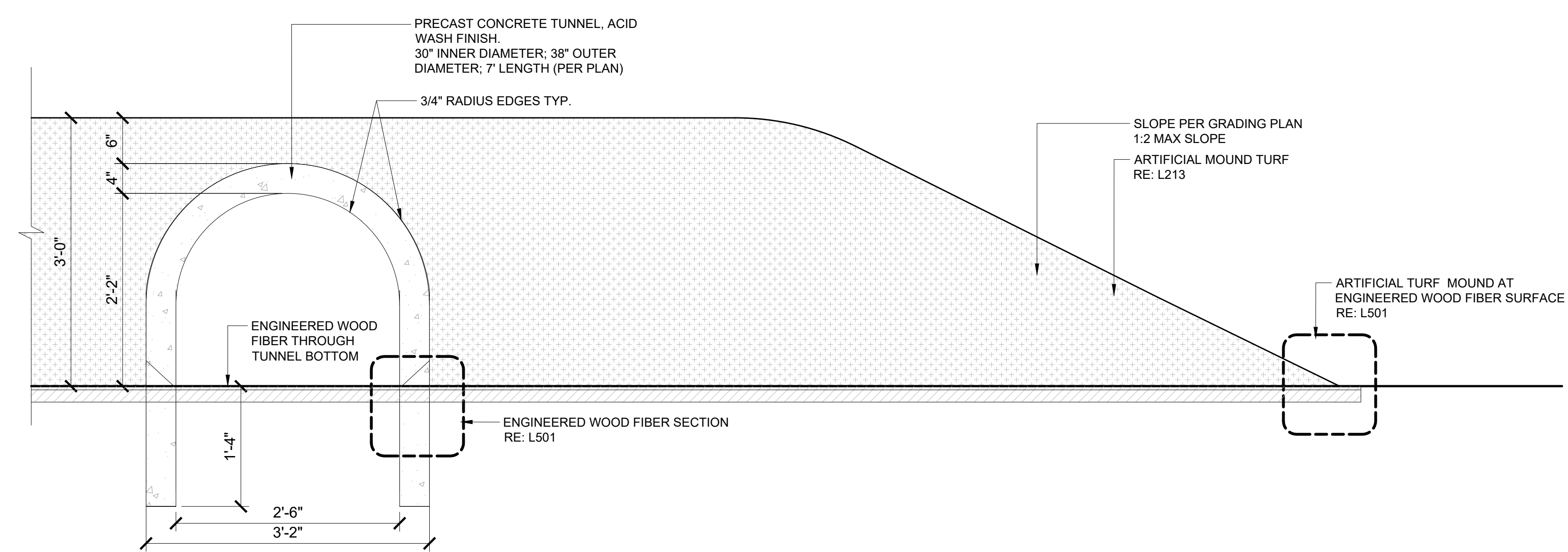


3 ARTIFICIAL TURF MOUND WITH TUNNEL - SECTION 2
1" = 1'-0"

- ARTIFICIAL TURF MOUND FEATURE NOTES:**
- ARTIFICIAL TURF MOUND FEATURES SHALL BE REVIEWED FOR SHARP POINTS, PROTRUSIONS AND ENTRAPMENT AREAS. REFER TO ASTM F 1487-07a FOR INFORMATION.
 - ARTIFICIAL TURF MOUND FEATURE CONTRACTOR TO PROVIDE SHOP DRAWINGS OF PLAY FEATURE TO OWNER / LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
 - ARTIFICIAL TURF MOUND FEATURE LOCATION TO BE STAKED FOR REVIEW AND APPROVAL BY OWNER / LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - FALL ZONE AREA SHALL EXTEND 6 FT IN ALL DIRECTIONS FROM ARTIFICIAL TURF MOUND FEATURE.



2 SECTION - ARTIFICIAL TURF MOUND WITH TUNNELS
1/2" = 1'-0"



1 SECTION - ARTIFICIAL TURF MOUND WITH TUNNELS
1" = 1'-0"



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LANDSCAPE DETAILS - PLAY EQUIPMENT

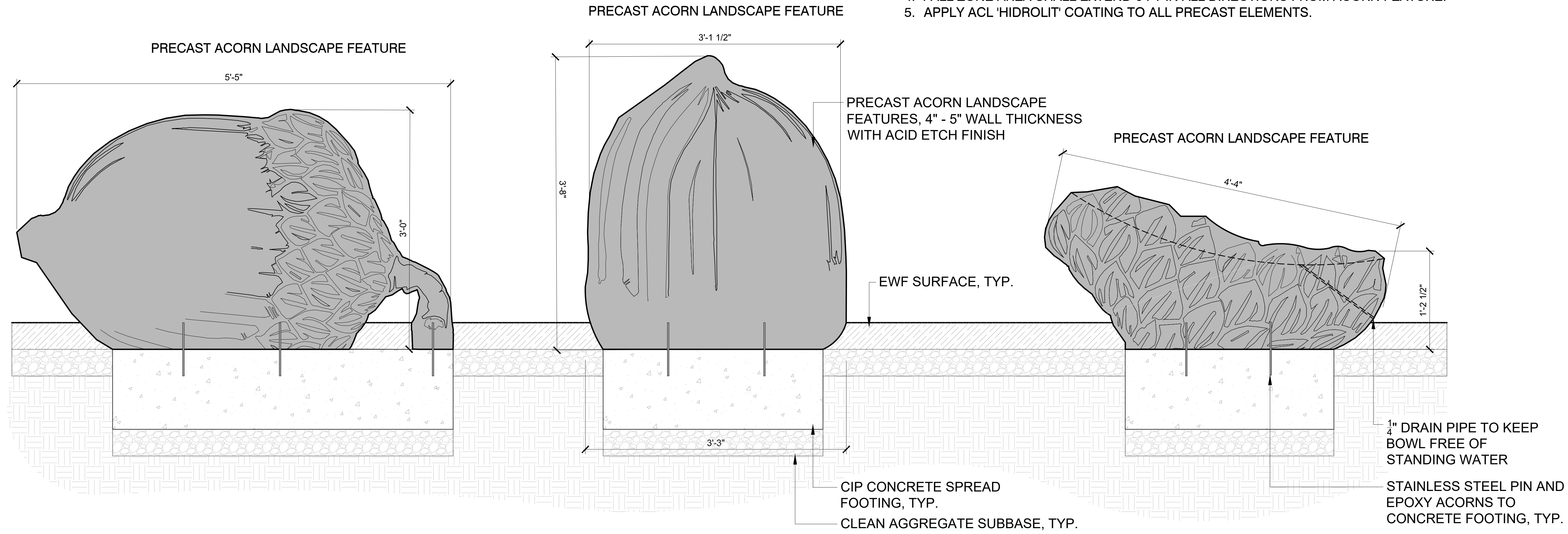
SCALE AS SHOWN

FILENAME

SHEET **L586**

GENERAL ACORN FEATURE NOTES:

1. ACORN FEATURES SHALL BE REVIEWED FOR SHARP POINTS, PROTRUSIONS AND ENTRAPMENT AREAS. REFER TO ASTM F 1487-07a FOR INFORMATION.
2. ACORN FEATURE CONTRACTOR TO PROVIDE SHOP DRAWINGS OF PLAY FEATURE TO OWNER / LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
3. ACORN FEATURE LOCATION TO BE STAKED FOR REVIEW AND APPROVAL BY OWNER / LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. FALL ZONE AREA SHALL EXTEND 6 FT IN ALL DIRECTIONS FROM ACORN FEATURE.
5. APPLY ACL 'HIDROLIT' COATING TO ALL PRECAST ELEMENTS.

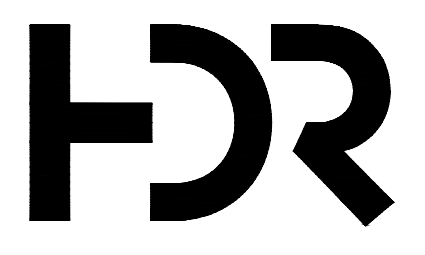


1 PRECAST ACORN LANDSCAPE FEATURE
1/2" = 1'-0"

P-20.199-147



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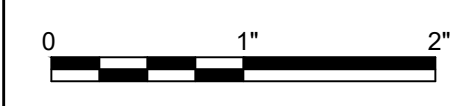
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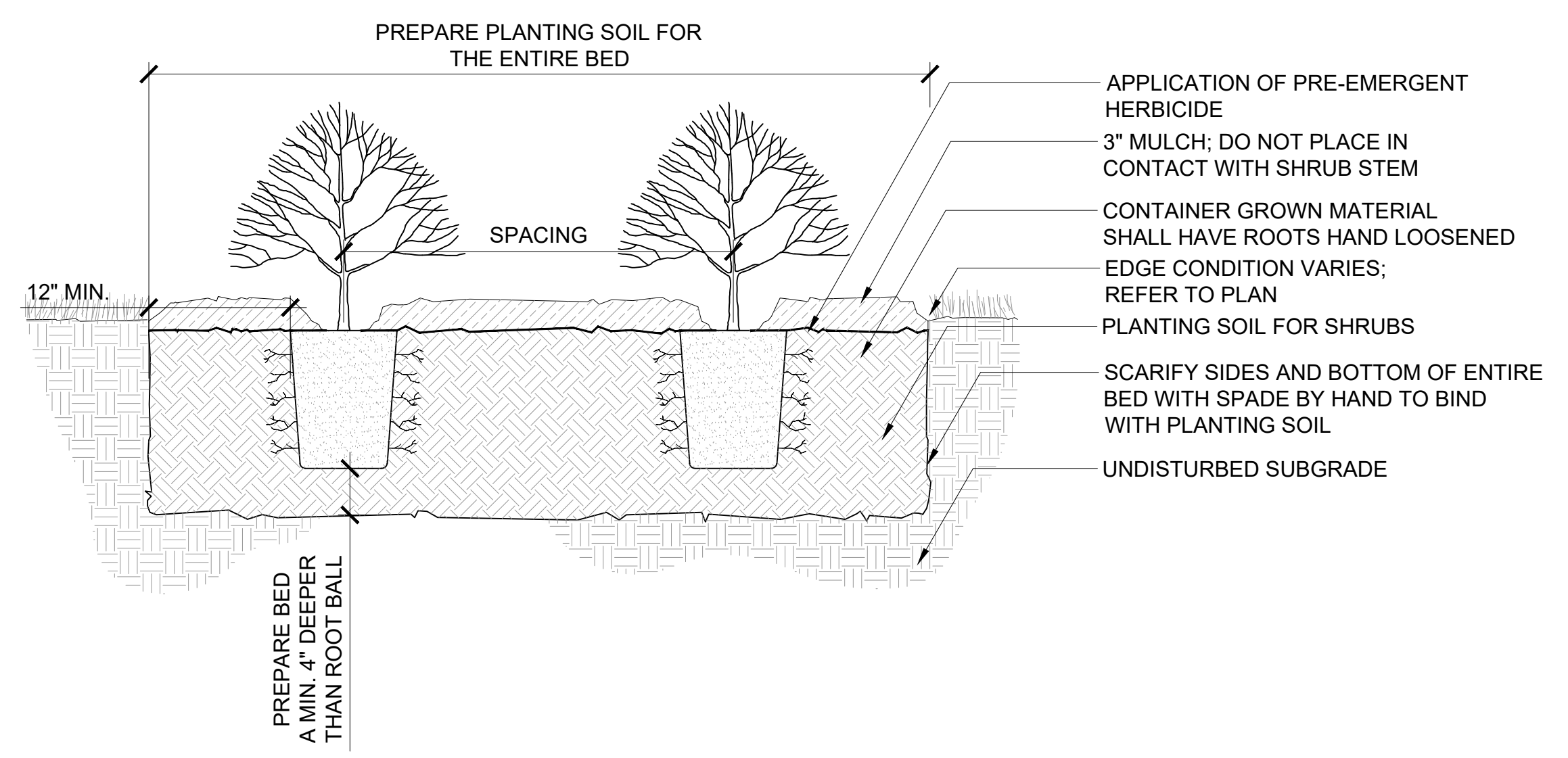
MINNEHAHA CREEK WATERSHED DISTRICT
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LANDSCAPE DETAILS - PLAY EQUIPMENT



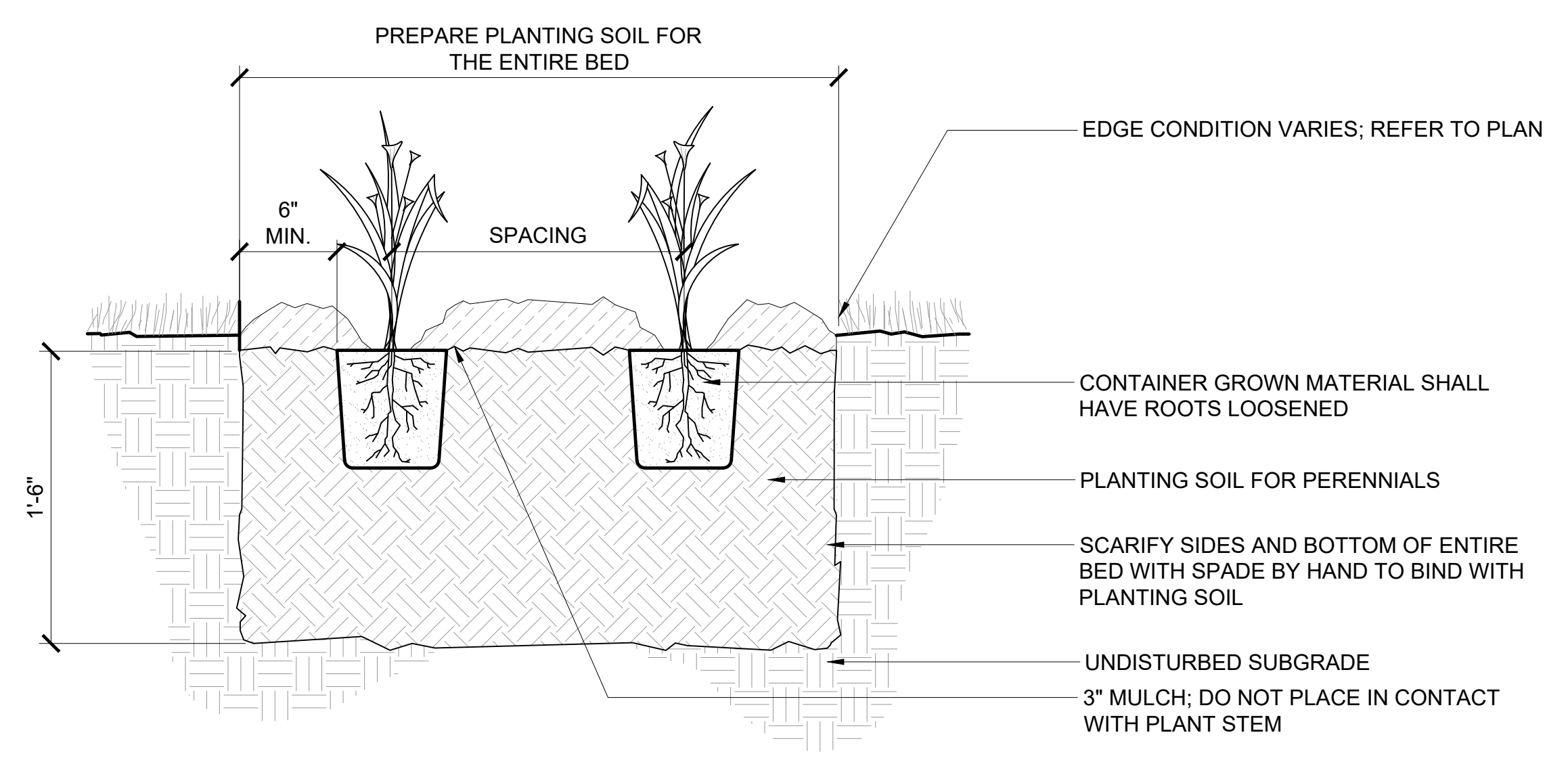
FILENAME
SCALE AS SHOWN

SHEET
L587



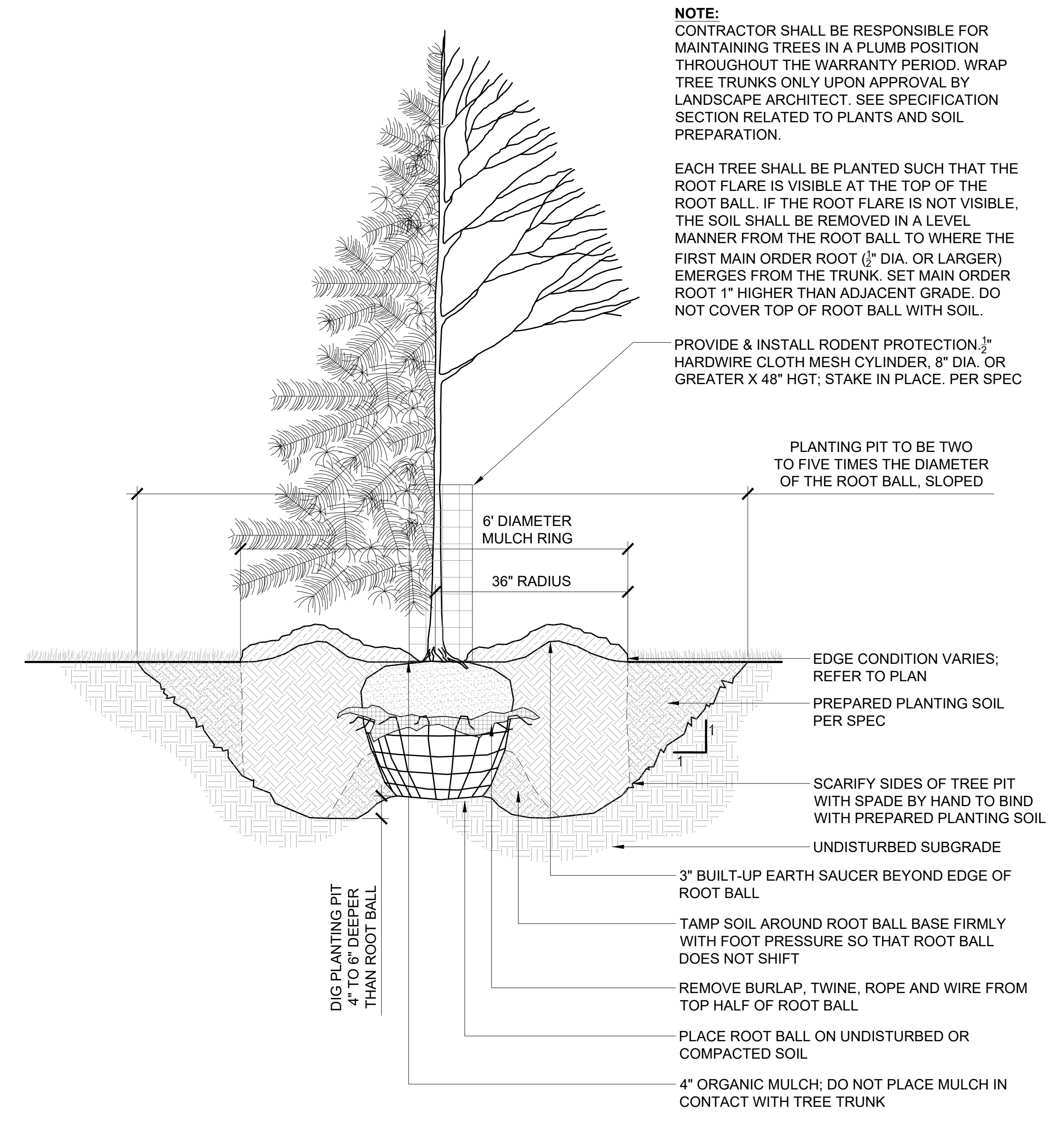
3 DETAIL - SHRUB PLANTING
1" = 1'-0"

P-20.199-08



2 DETAIL - PERENNIAL PLANTING
1 1/2" = 1'-0"

P-20.199-06

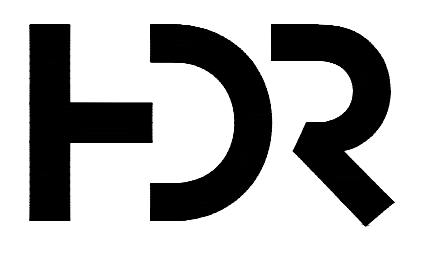


1 DETAIL - TREE PLANTING
3/4" = 1'-0"

P-20.199-05



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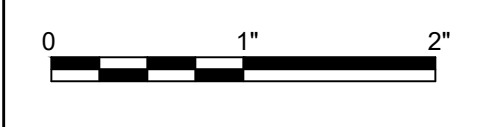
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LANDSCAPE DETAILS - PLANTING



FILENAME
SCALE AS SHOWN

SHEET
L590