

March 6th, 2019

Kristi Wilson
Interim Director of Public Works
City of Redmond
15670 NE 85th Street
Redmond, WA, 98073

Downtown Redmond Link Extension, Letter of Concurrence
LOC 011 DRLE: Redmond Central Connector Trail and Stormwater Trunk Line
from 164th Avenue to Bear Creek Trail, and Erratic Relocation

Purpose

The purpose of this letter is to seek concurrence from the City of Redmond on the Redmond Central Connector (RCC) Trail alignment and stormwater relocation from 164th Avenue NE to the existing Bear Creek Trail, relocation of the Erratic, and cost sharing for RCC corridor improvements.

Redmond Central Connector

The City of Redmond has provided Sound Transit a 30% trail alignment for the relocated trail alignment from 164th Avenue NE to the Bear Creek Trail (attached). The revised alignment has been incorporated into the civil sheets of the RFP Conceptual Design Drawings. At parcel no. 1225059019, it is assumed that the RCC corridor is 100' wide. If RCC right of way adjacent to this parcel is reduced, the City of Redmond and Sound Transit will reevaluate the trail alignment and property acquisition at that time.

City of Redmond also provided guidance to the Contractor for required finishing, bands, mixing zones, and other treatments per the RCC Design Guidance (attached).

The Contractor shall use the following pavement depths west of 170th Ave NE to accommodate stormwater trunkline maintenance needs:

Pavement Type	Material
Asphalt	4.5" HMA over 4" crushed rock
Concrete	6" unreinforced concrete over 4" crushed rock

Modifications to the 30% trail alignment may be suggested by the final design team based on changes to other disciplines such as; column locations, curb line adjustments, or station design. Changes to the trail alignment must be approved by the City of Remond.

CHAIR

John Marchione
Redmond Mayor

VICE CHAIRS

Ron Lucas
Steilacoom Mayor

Paul Roberts
*Everett Council President/
Mayor Pro Tem*

BOARD MEMBERS

Nancy Backus
Auburn Mayor

David Baker
Kenmore Mayor

Claudia Balducci
King County Councilmember

Dow Constantine
King County Executive

Bruce Dammeier
Pierce County Executive

Jenny Durkan
Seattle Mayor

Dave Earling
Edmonds Mayor

Rob Johnson
Seattle Councilmember

Kent Keel
University Place Mayor

Joe McDermott
King County Council Chair

Roger Millar
*Washington State Secretary
of Transportation*

Dave Somers
Snohomish County Executive

Dave Upthegrove
King County Councilmember

Peter von Reichbauer
King County Councilmember

Victoria Woodards
Tacoma Mayor

CHIEF EXECUTIVE OFFICER

Peter M. Rogoff

Stormwater Trunk Line

The existing City of Redmond stormwater trunk line will be relocated due to station/column impacts from 164th Avenue NE to the east end of the Downtown Redmond Station, as well as where in conflict with the traction power substation near 170th Avenue NE. The center of pipe of the relocated stormwater trunk line will be located at a minimum 10' from the edge of guidway shaft or station building. Manholes must be located within 10' from the edge of the Redmond Central Connector trail, and where possible will not be located within the trail.

The City's standard is no increase in HGL. As part of PE, the City reviewed the reference design (see attachment) and found it to be an acceptable design solution with a small increase in HGL. The design builder will have to apply for a deviation if the standard cannot be met in final design.

Similar to the RCC trail alignment at parcel no. 1225059019, the stormwater trunk alignment may be reconsidered by Sound Transit and City of Redmond should right-of-way not be available.

Erratic Relocation

The City owns an art piece called the Erratic, located near the southwest corner of 166th Ave NE and Cleveland St. The art must be relocated because its current location conflicts with the conceptual designs for the Downtown Redmond station area. The City and Sound Transit agree that the Erratic will be relocated to Gilman Landing consistent with the attached conceptual drawings. The City agrees to conduct the site preparation and relocation work under separate contract(s) so that the Erratic is removed from its existing location by March 31, 2020.

Funding of RCC Corridor Improvements

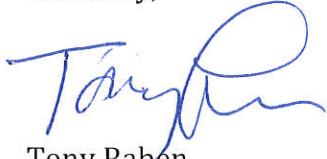
Subject to City Council and Sound Transit Board approval, City and Sound Transit staff have agreed to share in the funding of RCC corridor improvements as follows:

- Sound Transit will pay the City to relocate the Erratic and complete site preparation at Gilman Landing (finish design, permitting, construction) in the amount of \$576,300.
- Sound Transit will take full funding responsibility for RCC elements west of 166th
- Sound Transit will take full funding responsibility for signal improvements at Cleveland/166th
- Sound Transit will take full funding responsibility for RCC corridor landscaping, and will be allowed to count this as part of the tree mitigation plan
- The City and Sound Transit will evenly split funding responsibility for all other RCC elements east of 166th, including but not limited to:
 - The trail itself, including appropriate pavement depths to support stormwater maintenance requirements
 - Braids/ties/benches
 - Landings (apart from landscaping)
 - Conduit
 - Lighting
 - Any additional right-of-way costs at the SE corner of 166th Ave NE and Cleveland St
 - Storm water management facilities specifically required for the RCC trail (bioswales, raingardens, etc.)

Kristi Wilson
March 6th, 2019
Page 3

Should you have any questions, please don't hesitate to contact me at (206) 398-5171. Please sign below and return one of the enclosed originals – please keep the additional copy for your records.

Sincerely,



Tony Raben
Executive Project Director, DRLE

Concurrence:

Kristi Wilson / 3/11/19
Date

Kristi Wilson, Interim Director of Public Works

City of Redmond

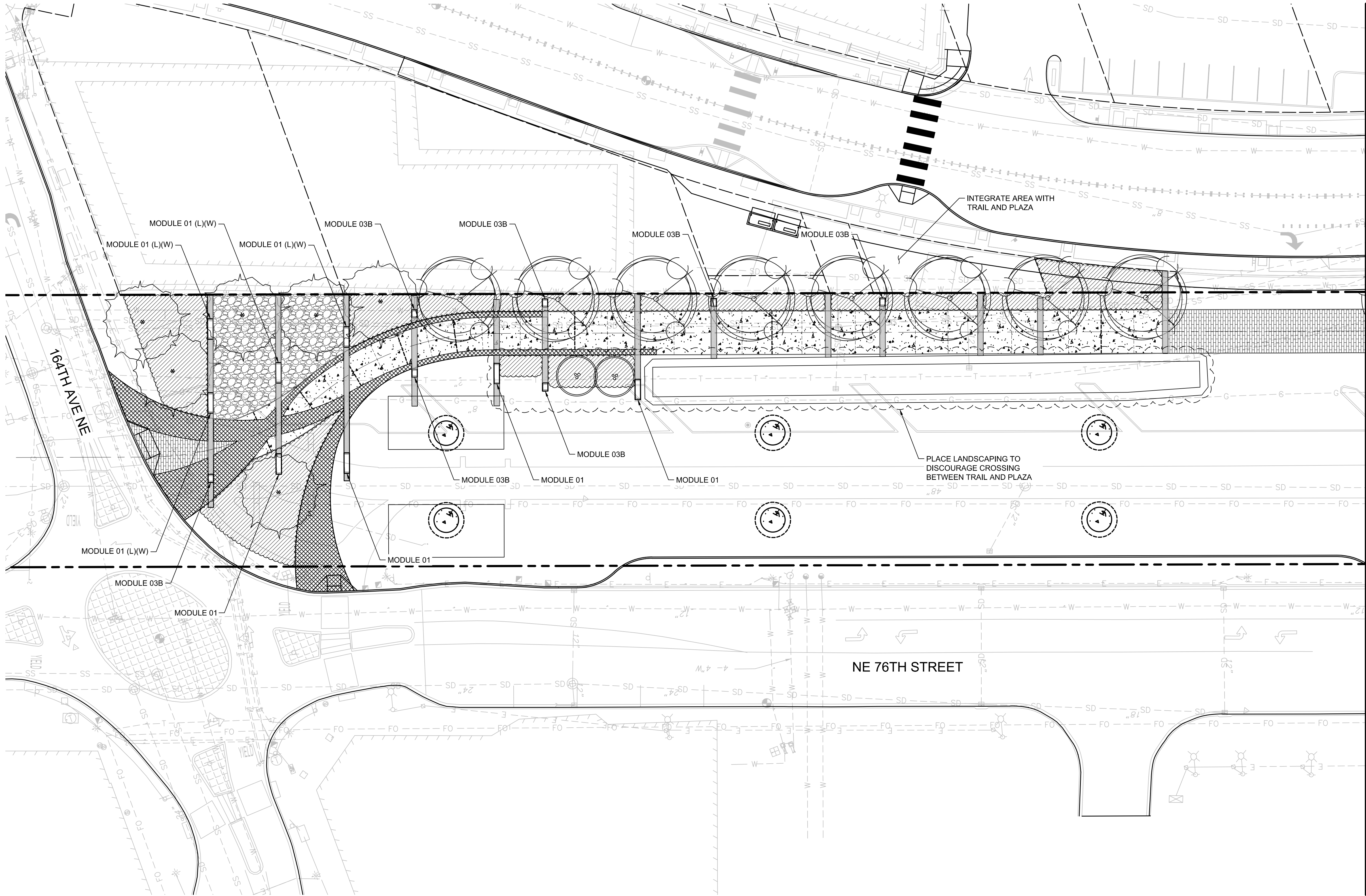
Attachments:

RCC Design Guidance drawings
Gilman Landing Conceptual drawings
PE Stormwater Trunkline design

Enclosure (s):

cc: Leonard McGhee (Project Manager, ST)
ST Document Control

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GIS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GIS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100



NOTES:
(L) = BENCH LIGHTING
(W) = WOOD CLADDING FOR BENCH

SEE SHEETS LD-00, LD-04, AND LD-05

GENERAL SHEET LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED TOPO LINES PER SURVEY
- TRAIL CENTER LINE

CEMENT CONCRETE MODULE (TIE)

- MODULE 01
- MODULE 01B
- MODULE 02
- MODULE 02B
- MODULE 02C
- MODULE 03
- MODULE 03B

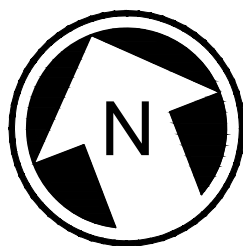
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT - (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A - TREE ABOVE TOP OF RAIL
- TREE TYPE B - TREE BELOW TOP OF RAIL
- TREE TYPE C - SHORT STATURE TREE
- PLANTING TYPE 1
- PLANTING TYPE 2
- PLANTING TYPE 3
- BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR
DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-01

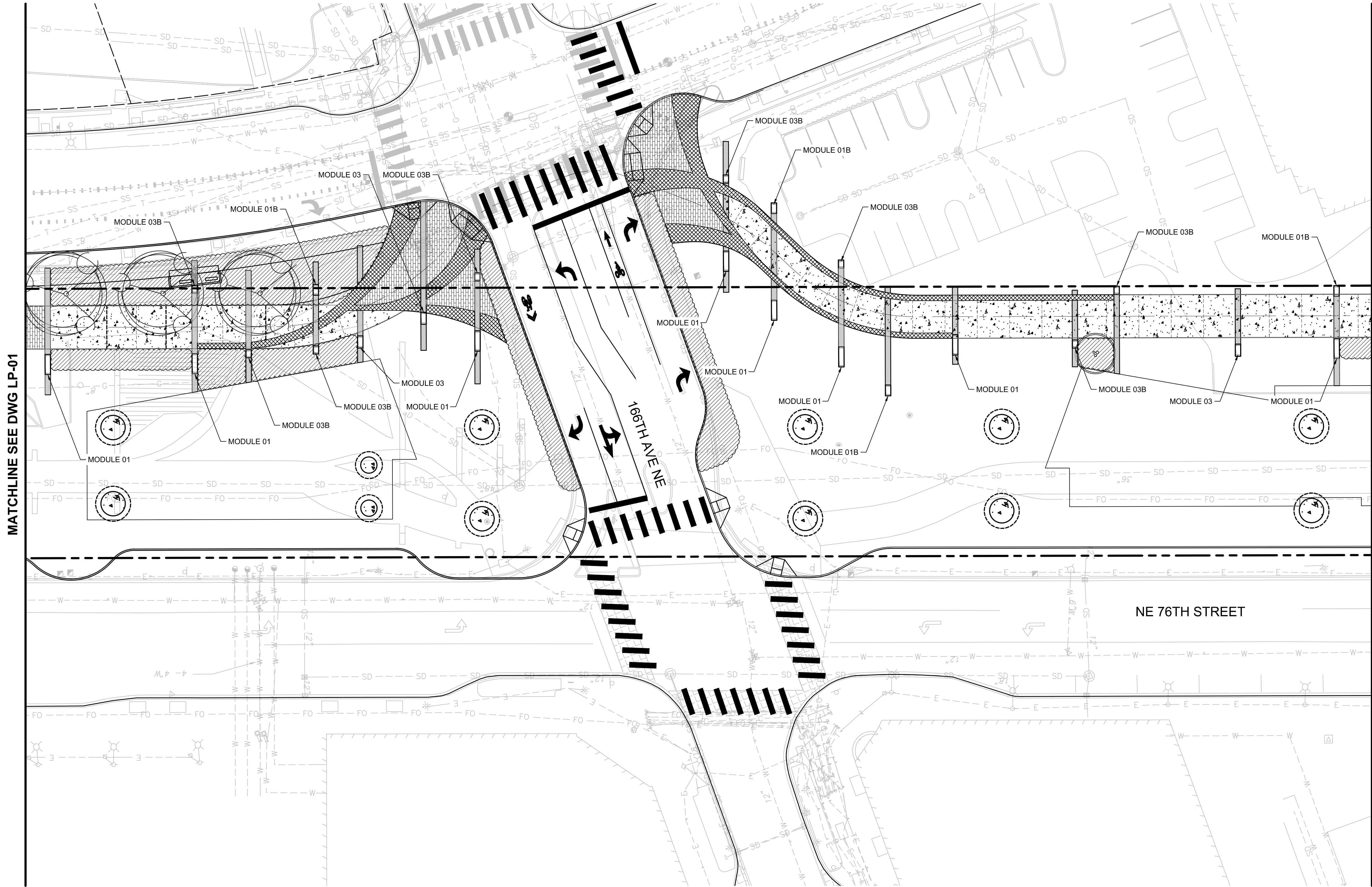
LOCATION ID:

SHEET No.:

REV:

1

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100



GENERAL SHEET LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED TOPO LINES PER SURVEY
- TRAIL CENTER LINE

CEMENT CONCRETE MODULE (TIE)

- MODULE 01
- MODULE 01B
- MODULE 02
- MODULE 02B
- MODULE 03
- MODULE 03B

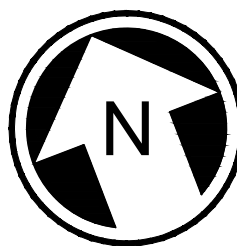
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT - (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A - TREE ABOVE TOP OF RAIL
- TREE TYPE B - TREE BELOW TOP OF RAIL
- TREE TYPE C - SHORT STATURE TREE
- PLANTING TYPE 1
- PLANTING TYPE 2
- PLANTING TYPE 3
- BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR
DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-02

LOCATION ID:

SHEET No.:

REV:

2

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GIS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GIS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100

MATCHLINE SEE DWG LP-02

MATCHLINE SEE DWG LP-04

GENERAL SHEET LEGEND

- PROPERTY LINE
--- EXISTING RIGHT-OF-WAY
--- PROPOSED TOPO LINES PER SURVEY
--- TRAIL CENTER LINE

- CEMENT CONCRETE MODULE (TIE)
MODULE 01
MODULE 01B
MODULE 02
MODULE 02B
MODULE 02C
MODULE 03
MODULE 03B

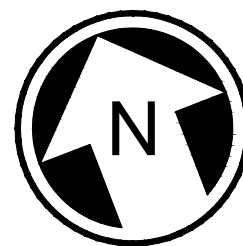
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT - (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A - TREE ABOVE TOP OF RAIL
 TREE TYPE B - TREE BELOW TOP OF RAIL
 TREE TYPE C - SHORT STATURE TREE
 PLANTING TYPE 1
 PLANTING TYPE 2
 PLANTING TYPE 3
 BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR
DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-03

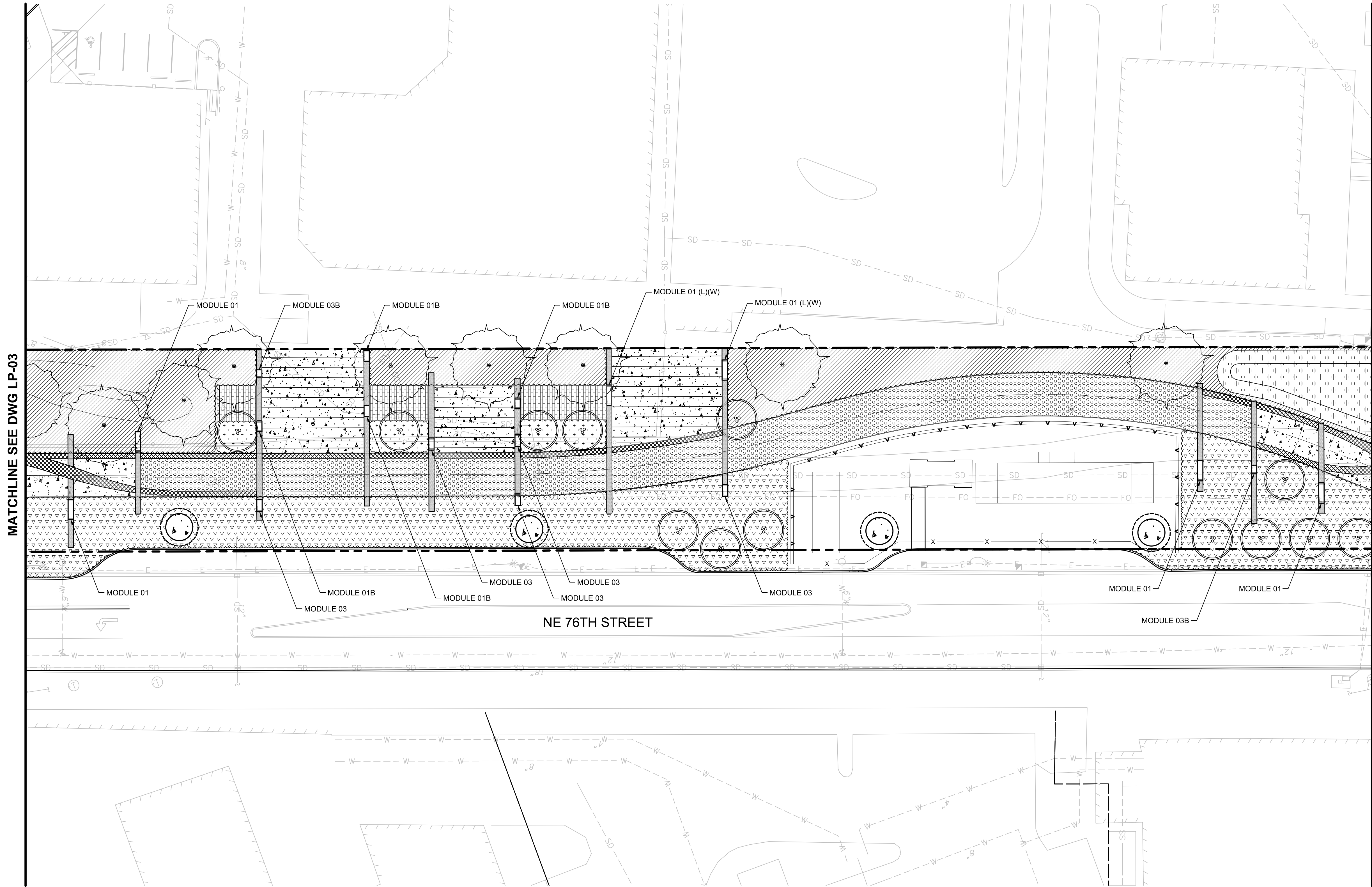
LOCATION ID:

SHEET No.:

REV:

3

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GIS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GIS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100



NOTES:
(L) = BENCH LIGHTING
(W) = WOOD CLADDING FOR BENCH

SEE SHEETS LD-00, LD-04, AND LD-05

GENERAL SHEET LEGEND

- PROPERTY LINE
--- EXISTING RIGHT-OF-WAY
--- PROPOSED TOPO LINES PER SURVEY
--- TRAIL CENTER LINE
- CEMENT CONCRETE MODULE (TIE)
- | | |
|------------|------------|
| MODULE 01 | MODULE 02B |
| MODULE 01B | MODULE 02C |
| MODULE 02 | MODULE 03 |
| | MODULE 03B |

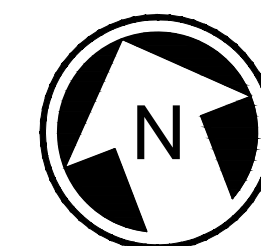
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT - (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A - TREE ABOVE TOP OF RAIL
- TREE TYPE B - TREE BELOW TOP OF RAIL
- TREE TYPE C - SHORT STATURE TREE
- PLANTING TYPE 1
- PLANTING TYPE 2
- PLANTING TYPE 3
- BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-04

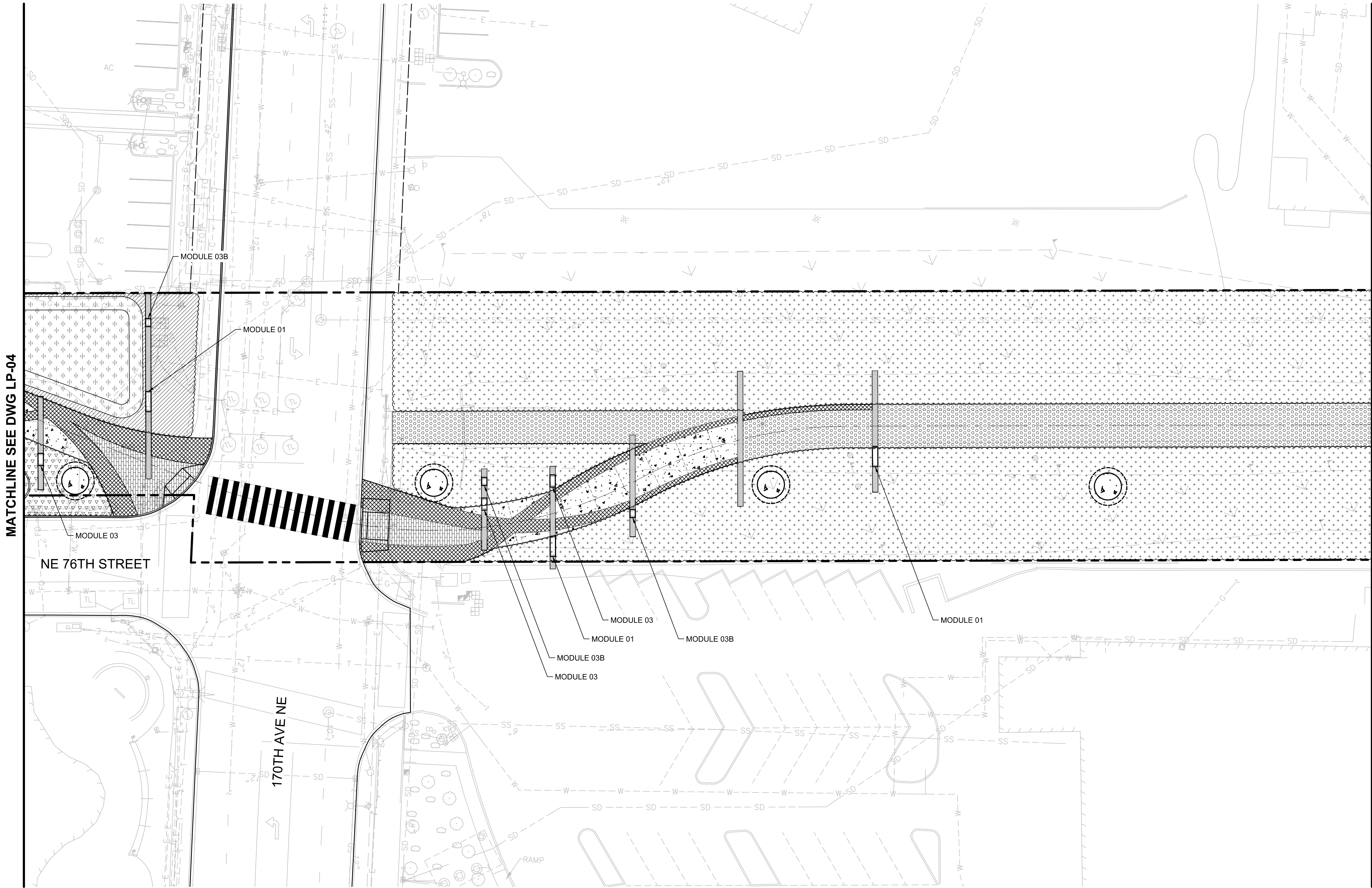
LOCATION ID:

SHEET No.:

REV:

4

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100



GENERAL SHEET LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED TOPO LINES PER SURVEY
- TRAIL CENTER LINE

CEMENT CONCRETE MODULE (TIE)

- MODULE 01
- MODULE 01B
- MODULE 02
- MODULE 02B
- MODULE 02C
- MODULE 03
- MODULE 03B

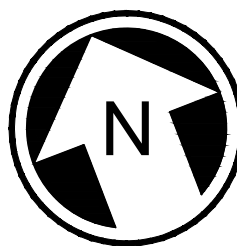
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT - (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A - TREE ABOVE TOP OF RAIL
- TREE TYPE B - TREE BELOW TOP OF RAIL
- TREE TYPE C - SHORT STATURE TREE
- PLANTING TYPE 1
- PLANTING TYPE 2
- PLANTING TYPE 3
- BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR
DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-05

LOCATION ID:

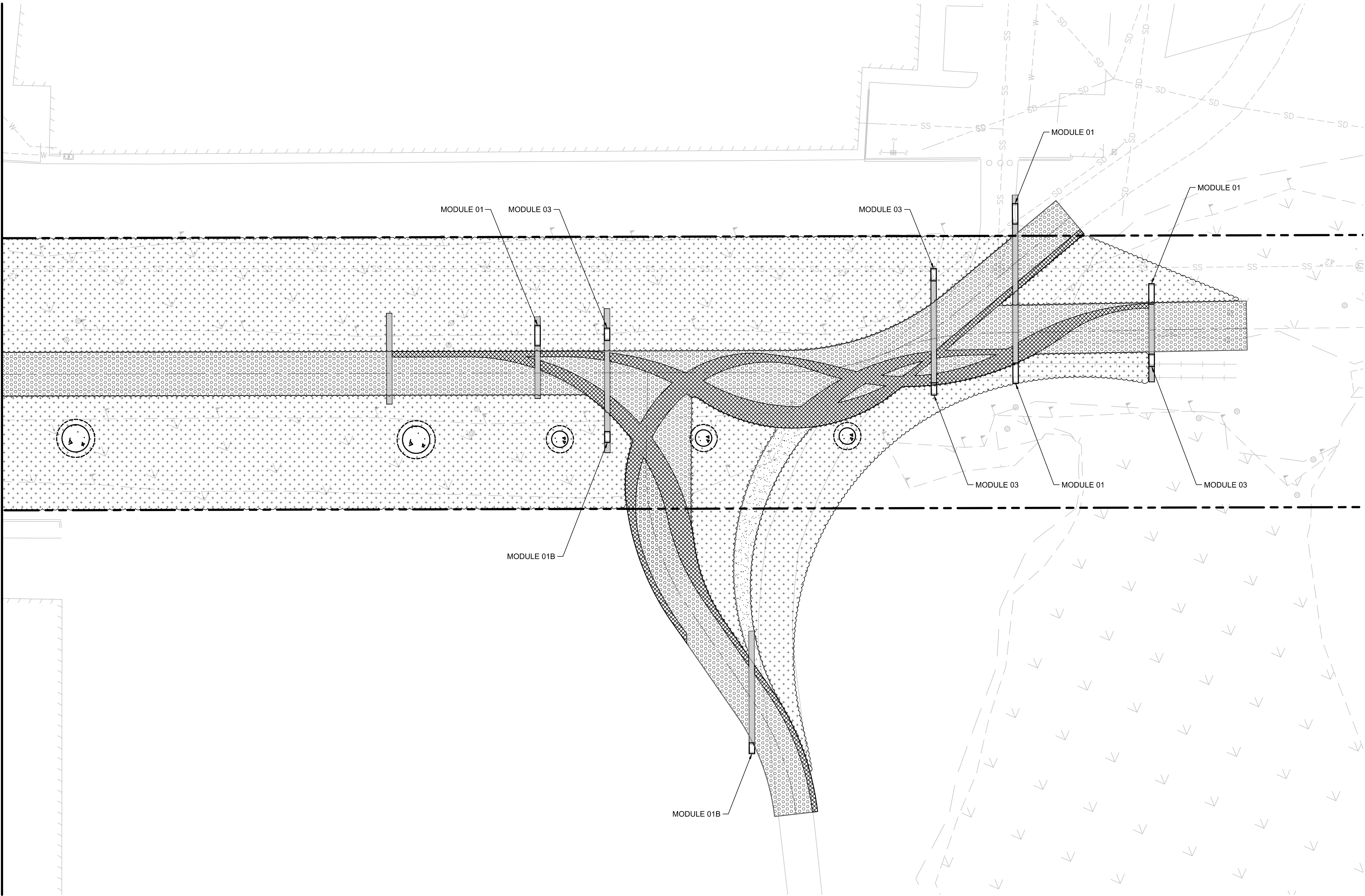
SHEET No.:

REV:

5

Xrefs:
xRLE-L95-VSF
xRLE-L90-CRP100
xRLE-GIS-VSF
xRLE-RCC-Landscape
RLE-OB-TB22x34
xRLE-GIS-VUT
xRLE-L95-VUT
xRLE-RCC-Trail
xRLE-L90-VRX
xRLE-L90-CDP100

MATCHLINE SEE DWG LP-05



GENERAL SHEET LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED TOPO LINES PER SURVEY
- TRAIL CENTER LINE

- CEMENT CONCRETE MODULE (TIE)
- | | |
|------------|------------|
| MODULE 01 | MODULE 02B |
| MODULE 01B | MODULE 02C |
| MODULE 02 | MODULE 03 |
| | MODULE 03B |

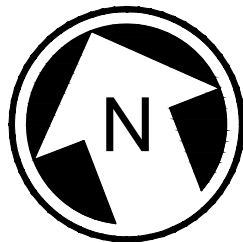
MATERIALS LEGEND

SYMBOL	MATERIAL/ELEMENT	REFERENCE
	PRIMARY TRAIL PAVEMENT – (ASPHALT)	REFER TO CIVIL
	CEMENT CONCRETE PAVEMENT – FINISH TYPE 1 (TRAIL PAVEMENT)	1 LD-01
	CEMENT CONCRETE PAVEMENT – FINISH TYPE 2 (TRAIL BANDING)	2 LD-01
	CEMENT CONCRETE PAVEMENT – FINISH TYPE 3 (FLUSH TIES)	2 LD-01
	CONCRETE UNIT PAVERS	7 LD-01
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT	5 LD-01
	CRUSHED ROCK PAVEMENT	4 LD-01

PLANTING LEGEND

LEGEND SYMBOLS ARE REDUCED FOR GRAPHIC LEGIBILITY

- TREE TYPE A – TREE ABOVE TOP OF RAIL
- TREE TYPE B – TREE BELOW TOP OF RAIL
- TREE TYPE C – SHORT STATURE TREE
- PLANTING TYPE 1
- PLANTING TYPE 2
- PLANTING TYPE 3
- BIOFILTRATION PLANTING



CONCEPTUAL DESIGN

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

SUBMITTED BY:

DATE:

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



SCALE:

1"=20'

FILENAME:

RLE-RCC-TRAIL-SHEETS

CONTRACT No.:

DATE:

REDMOND CENTRAL CONNECTOR
DESIGN GUIDANCE

HARDSCAPE/URBAN DESIGN PLANS

AUGUST 2018

DRAWING No.:

LP-06

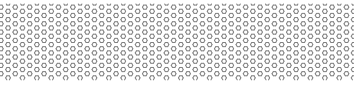
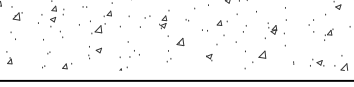
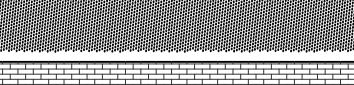
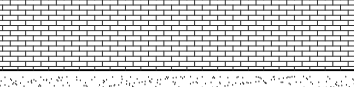
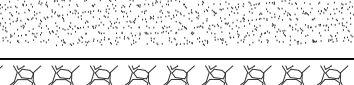
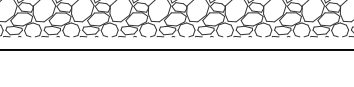
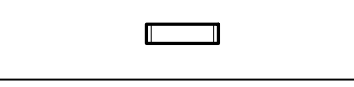
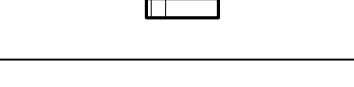
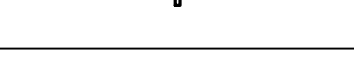
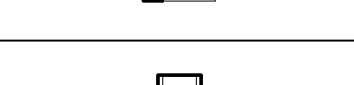
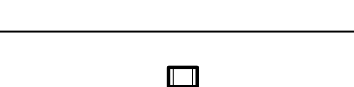
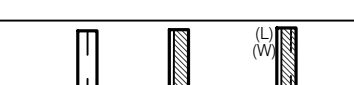
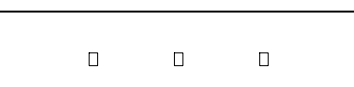
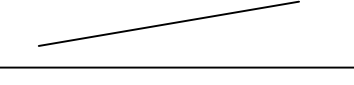
LOCATION ID:

SHEET No.:

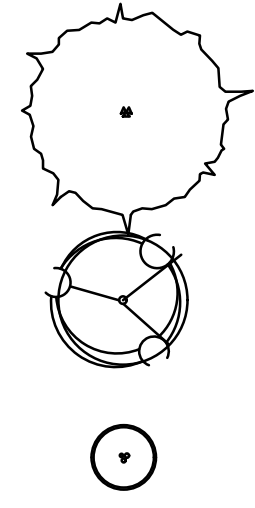
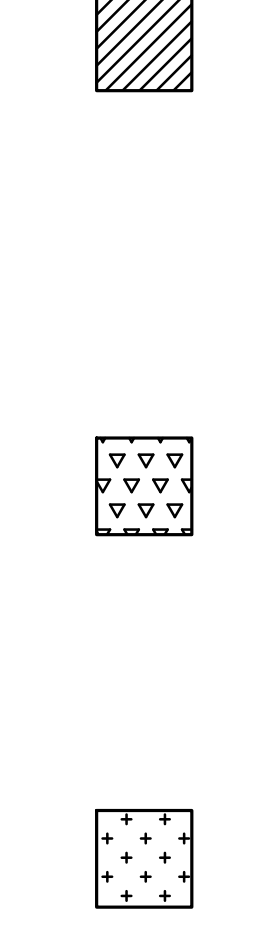
REV:

6

MATERIALS SCHEDULE

PAVEMENTS / FLATWORK					
SYMBOL	MATERIAL	REFERENCE	DESCRIPTION	FINISH	NOTES
	PRIMARY TRAIL PAVEMENT	REFER TO CIVIL	ASPHALT	STANDARD WSDOT	CIVIL TO SPEC.
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 1	1 LD-01	TYPICAL TRAIL	LIGHT BROOM FINISH - PERPENDICULAR TO TRAVEL	SCORE PER SPECS & PLANS
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 2	2 LD-01	TRAIL "BANDING"	MEDIUM BRROM FINISH - DIRECTION IN LONGITUDINAL MOVEMENT OF BAND	COLOR: DAVIS 8084 OR EQUAL. SCORE PER SPECS & PLANS
	CEMENT CONCRETE PAVEMENT - FINISH TYPE 3	2 LD-01	FLUSH TIES	LIGHT SANDBLAST	SCORE PER SPECS & PLANS
	CONCRETE UNIT PAVERS	1 LD-01	ABOTSFORD STANDARD	3:1 SIZE, COLORS - CHARCOAL (2A), NATURAL (2B), SHADOW (2C)	MIX PERCENTAGE PER DETAIL, PATTERN PER DETAIL
	CRUSHED ROCK PAVEMENT (CRUSHED ROCK SURFACING)	4 LD-01	¾" MINUS	COLOR PER CITY OF REDMOND	
	CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT (CRUSHED ROCK SURFACING)	5 LD-01	¾" MINUS	COLOR PER CITY OF REDMOND	EMBEDDED RAILS RECLAIMED AND PROVIDED BY CITY OF REDMOND ON SITE, IN SECURE LOCATION.
SITE FURNISHINGS					
SYMBOL	MATERIAL	REFERENCE	DESCRIPTION	FINISH	NOTES
	CEMENT CONCRETE MODULE- MODULE 01	1 LD-03	PRECAST CONCRETE MODULE	SMOOTH FINISH	LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 01B	1 LD-03	PRECAST CONCRETE MODULE	SMOOTH FINISH	LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 02	2 LD-03	PRECAST CONCRETE MODULE	SMOOTH FINISH	LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 02B	2 LD-03	PRECAST CONCRETE MODULE	SMOOTH FINISH	LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 02C	2 LD-03	PRECAST CONCRETE MODULE		LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 03	1 LD-04	PRECAST CONCRETE MODULE		LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	CEMENT CONCRETE MODULE - MODULE 03B	1 LD-04	PRECAST CONCRETE MODULE		LAYOUT & ELEVATIONS PER PLANS, FIELD VERIFY W ENGINEER PRIOR TO PLACEMENT
	LIGHT (L), WOOD (W), OR LIGHT AND WOOD (W) (L) MODULE ATTACHMENT	5 LD-04	(L) WET LOCATION LED LINEAR LIGHT (W) IPE WOOD BENCH		REFER TO ADDITIONAL PLANS, DETAILS AND SECTIONS IN REV 04
	BIKE RACK	1 LD-02	FOOTING MOUNTED BIKE RACK	REFER TO DETAIL	WESTPORT - NO SCRATCH
	TRASH RECEPTACLE	-	SURFACE MOUNT		PROVIDE 10 UNITS, CITY TO LOCATE
	METAL EDGE	6 LD-01	4 INCH EXTERIOR GRADE STEEL EDGE	SPECIFICATION 8-02.2	INSTALL WITH STAKES AND CONNECTORS PER DETAIL

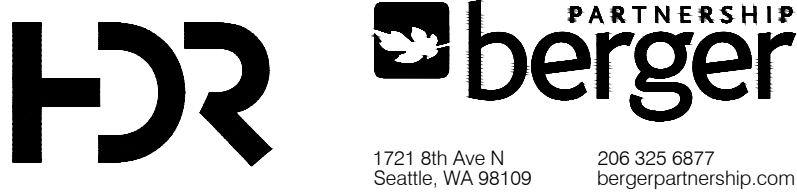
PLANTING SCHEDULE

TREES			
	TREE TYPE A - TREE ABOVE TOP OF RAIL GLEDITSIA TRIACANTHOS INERMIS GINKGO BILOBA CERCIDIPHYLLUM JAPONICUM 'ROLFUCHS' MAGNOLIA GRANDIFLORA 'EDITH BOGUE'	THORNLESS HONEYLOCUST MAIDEN-HAIR TREE RED FOX KATSURA EDITH BOGUE MAGNOLIA	2.5' CAL. MIN. 2.5' CAL. MIN. 2.5' CAL. MIN. 2.5' CAL. MIN.
	TREE TYPE B - TREE BELOW TOP OF RAIL PRUNUS X YEDOENSIS CORNUS 'EDDIE'S WHITE WONDER' LABURNUM X WATERERI 'VOSSII' CHIONANTHUS RETUSUS	YOSHINO CHERRY EDDIE'S WHITE WONDER DOGWOOD VOSSII GOLDENCHAIN CHINESE FRINGE TREE	2.5' CAL. MIN. 2.5' CAL. MIN. 2.5' CAL. MIN. 2.5' CAL. MIN.
	TREE TYPE C - SHORT STATURE TREE ACER CIRCINATUM CHIONANTHUS RETUSUS COTINUS COGGYGRIA X OBOVATUS 'GRACE'	VINE MAPLE CHINESE FRINGE TREE GRACE SMOKETREE	MULTI-STEMMED, 8' HT. MIN. 8' HT. MIN. 8' HT. MIN.
PLANTING MIXES			
	PLANTING MIX 1 - ORNAMENTAL CALAMAGROSTIS ACUTIFLORA 'KARL FOERESTER' ECHINACEA PURPUREA LAVENDULA X INTERMEDIA 'FRED BOUTIN' LONICERA PILEATA MISCANTHUS SINENSIS 'GRAZIELLA' MOLINIA CAERULEA NEPETA X FAASSENII PENNISETUM ALOPECUROIDES 'HAMLEN' RUDEBEKIA HIRTA SEDUM 'AUTUMN JOY' SESLARIA AUTUMNALIS	FEATHER REED GRASS PURPLE CONE FLOWER ENGLISH LAVENDAR PRIVET HONEYSUCKLE GRAZIELLA MAIDEN GRASS PURPLE MOOR GRASS CATMINT HAMLEN FOUNTAIN GRASS BLACK EYED SUSAN SEDUM 'AUTUMN JOY' AUTUMN MOORE GRASS	1 GAL., 30" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 30" O.C. 1 GAL., 36" O.C. 4" POTS, 18" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C.
	PLANTING MIX 2 - PARTIAL SHADE & DROUGHT TOLERANT DESCHAMPSIA CESPITOSA GAULTHERIA SHALLON MAHONIA REPENS NEPETA X FAASSENII POLYSTICHUM MUNITUM ROSA GYMNOCARPA SPIREA BETULIFOLIA VACCINIUM OVATUM	TUFTED HAIRGRASS SALAL CREEPING OREGON GRAPE CATMINT WESTERN SWORD FERN BALD HIP ROSE BIRCHLEAF SPIREA EVERGREEN HUCKLEBERRY	1 GAL., 18" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 24" O.C. 1 GAL., 36" O.C. 1 GAL., 24" O.C. 1 GAL., 36" O.C.
	PLANTING MIX 3 - WETLAND RESTORATION CAMASSIA QUAMASH CAREX DEWEYANA CAREX OBNUPTA CORNUS SERICEA 'KELSEY' CORNUS STOLONIFERA JUNCUS EFFUSUS PHILADELPHUS LEWISII ROSA NOOTKANA SCIRPUS MICROCARPUS SYPHIOCARPUS ALBUS SPIRAEA DOUGLASII	CAMAS BULB DEWEY'S SEDGE SLOUGH SEDGE DWARF REDTWIG DOGWOOD RED OSIER DOGWOOD COMMON RUSH MOCK ORANGE NOOKTA ROSE SMALL FRUITED BULRUSH SNOWBERRY DOUGLAS SPIREA	5 BULBS/100 SQ. FT. 4" POTS, 24" O.C. 4" POTS, 24" O.C. 1 GAL., 36" O.C. 2 GAL., 48" O.C. 4" POTS, 24" O.C. 1 GAL., 36" O.C. 1 GAL., 36" O.C. 4" POTS, 24" O.C. 1 GAL., 24" O.C. 1 GAL., 36" O.C.



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET – REDMOND, WA 98073–9710

Redmond Central Connector
Design Guidance



REDMOND ST
LANDSCAPE DETAILS

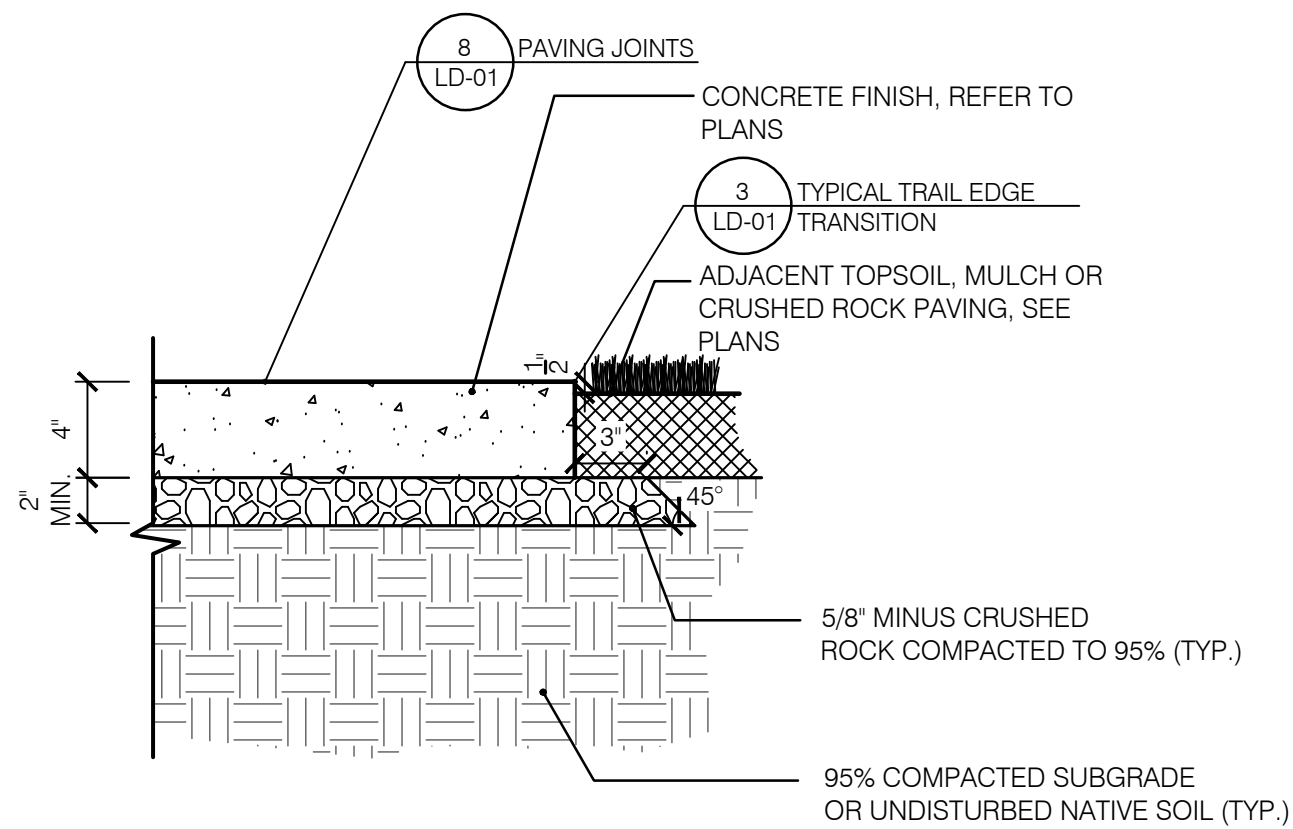
August 2018

PROJECT NO.
XXXXXX

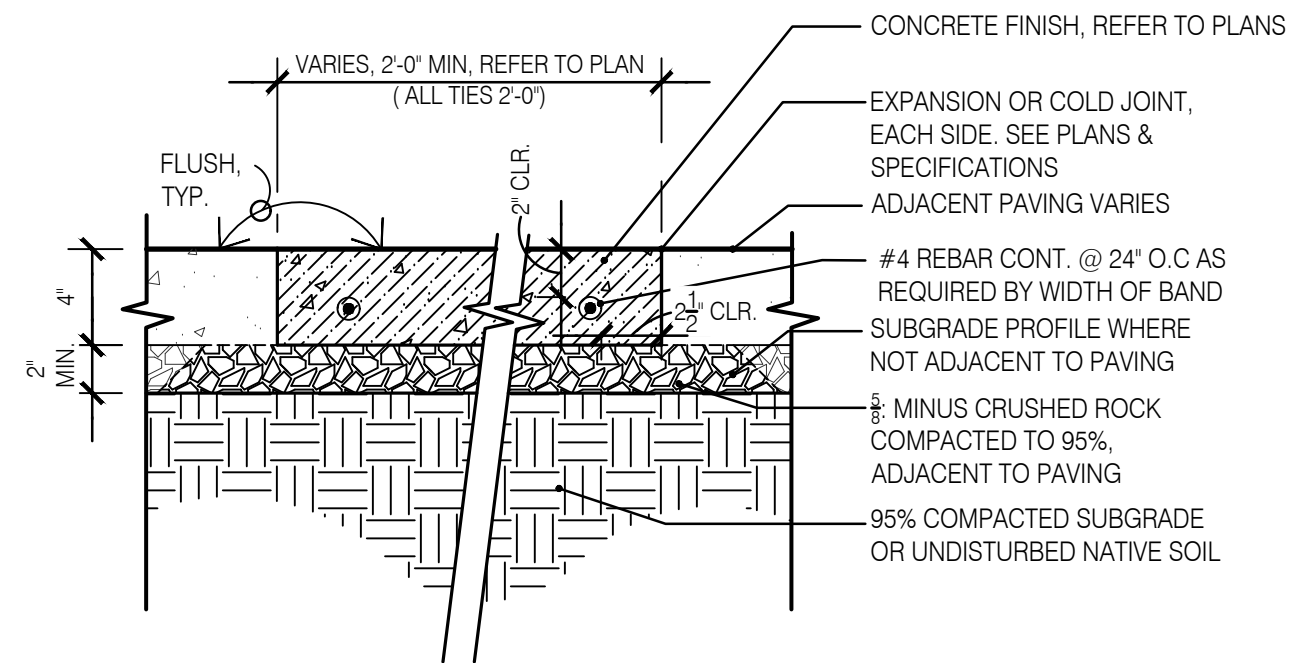
SHEET: OF:
08 14

DRAWING NO.

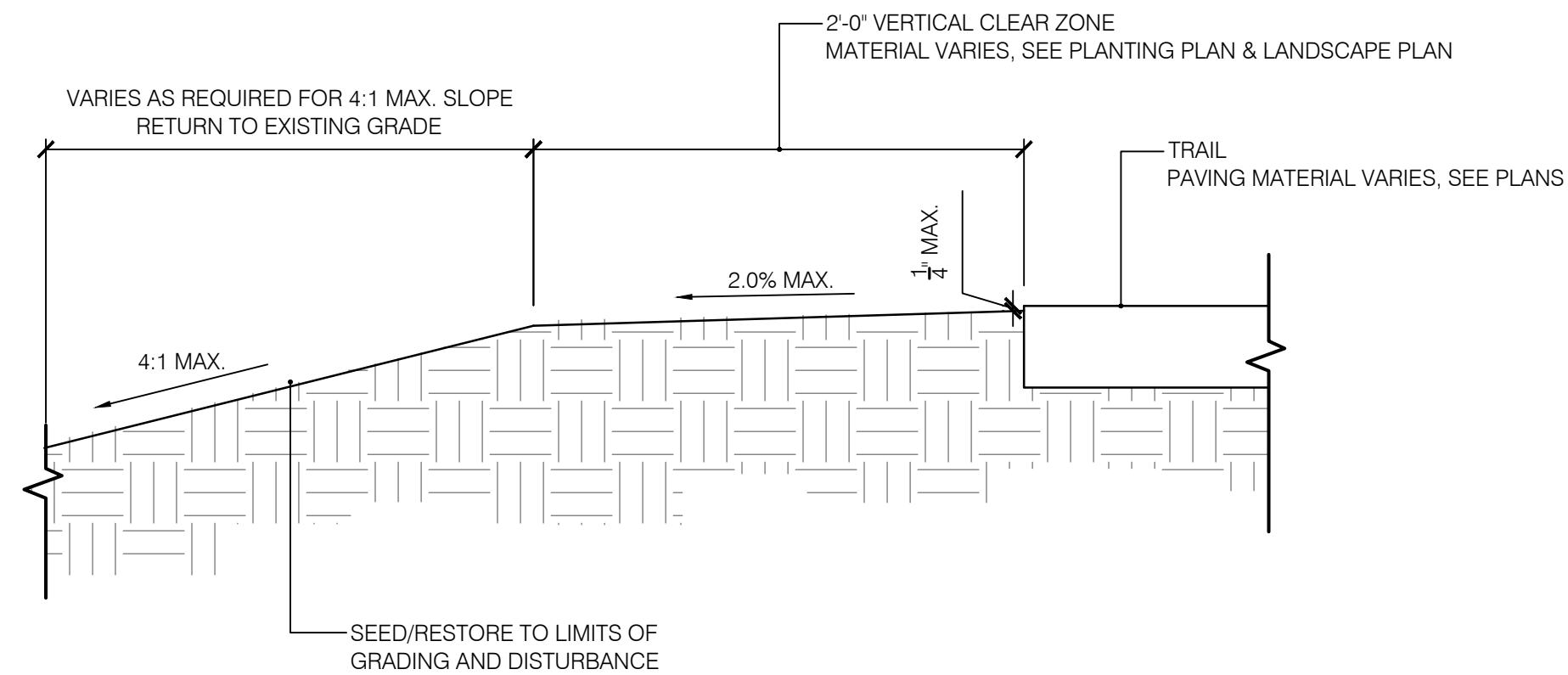
LD–00



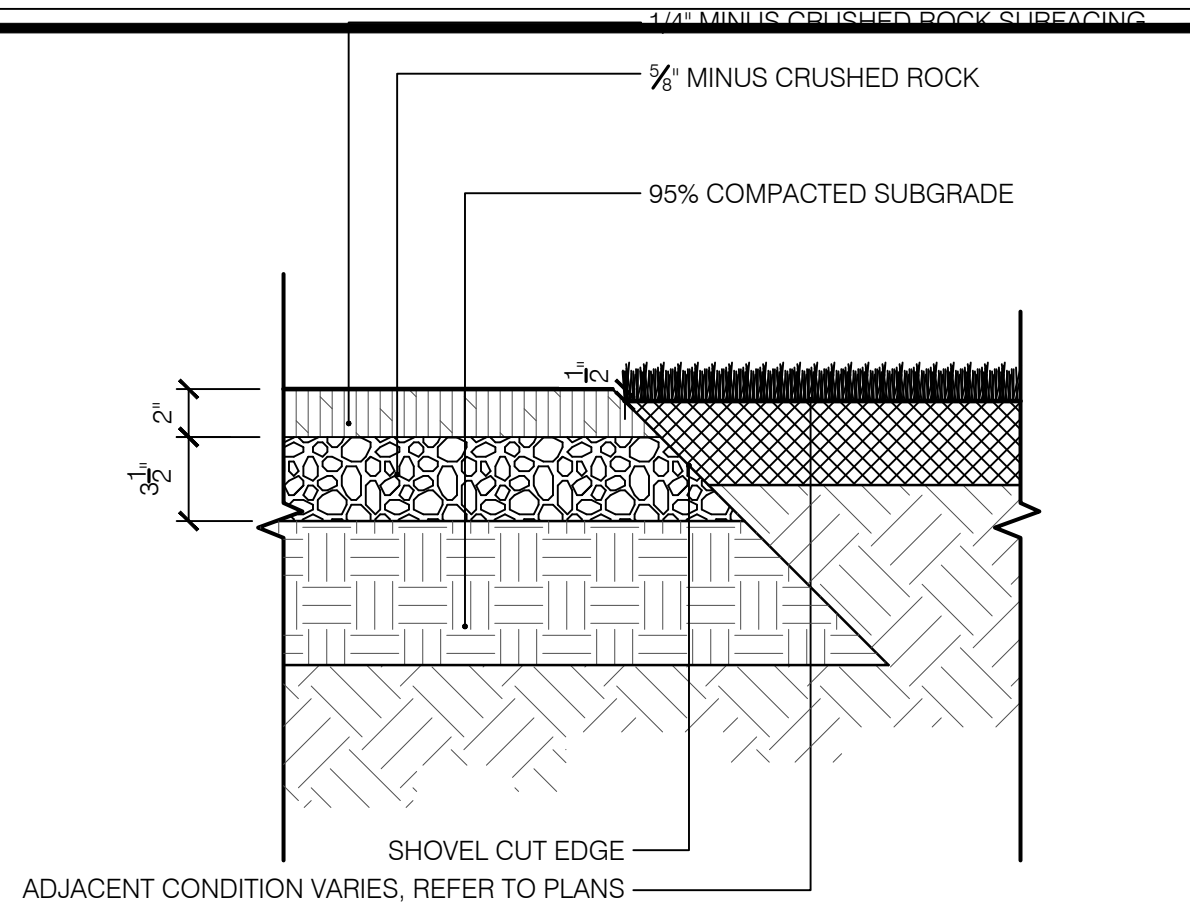
1 CEMENT CONCRETE PAVEMENT - FINISH TYPE 1 & 4
SCALE: 1 1/2" = 1'-0"



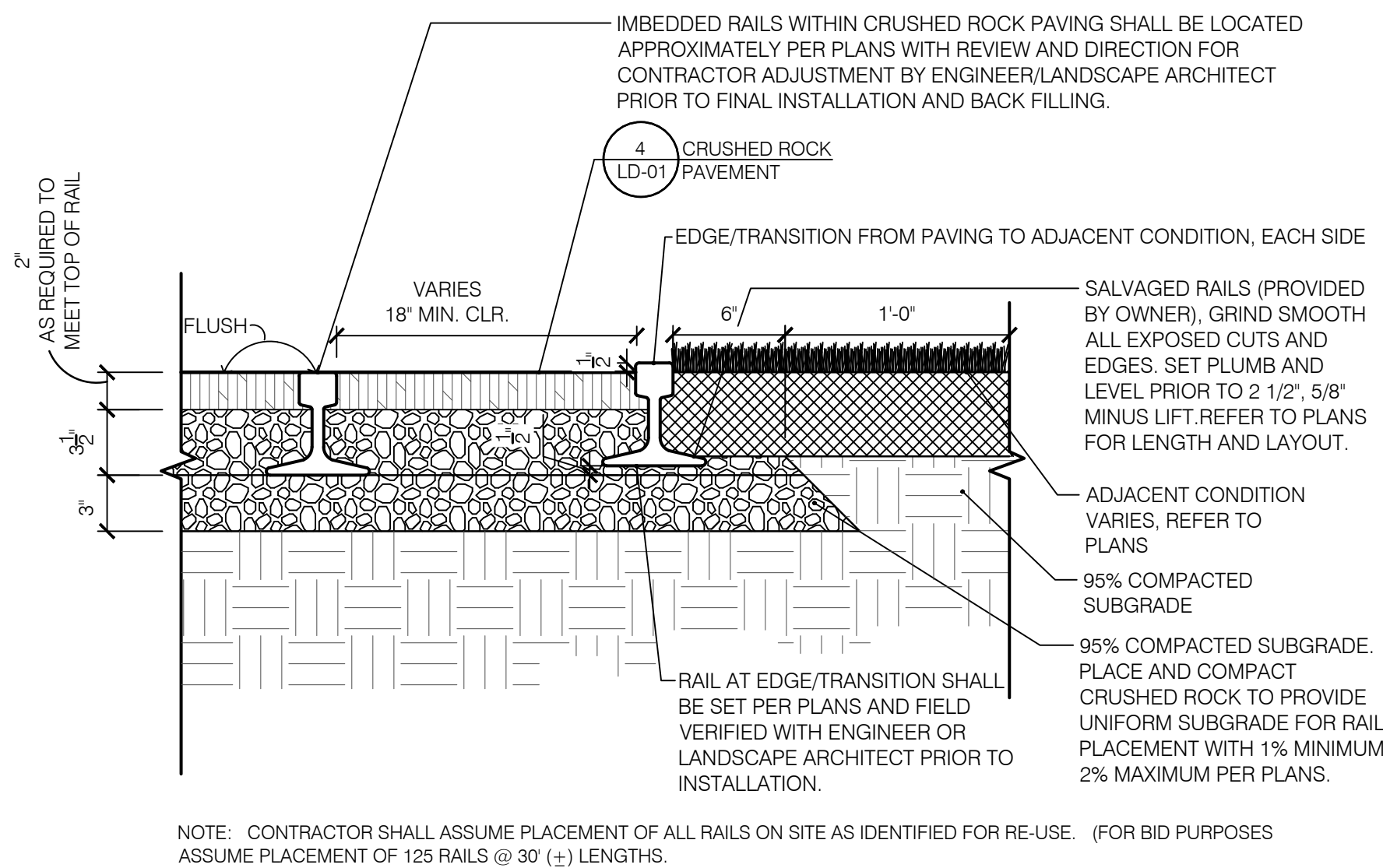
2 CEMENT CONCRETE PAVEMENT - FINISH TYPE 2 & 3
SCALE: 1 1/2" = 1'-0"



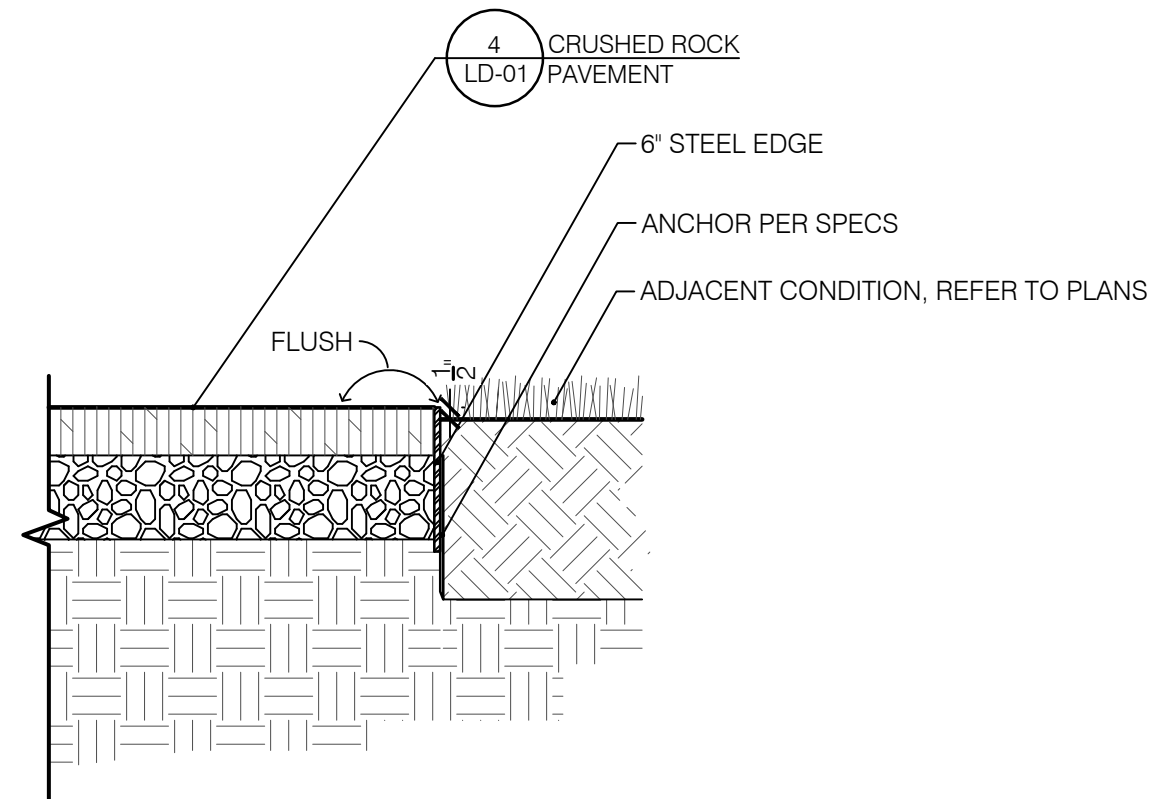
3 TYPICAL TRAIL EDGE TRANSITION
SCALE: 1 1/2" = 1'-0"



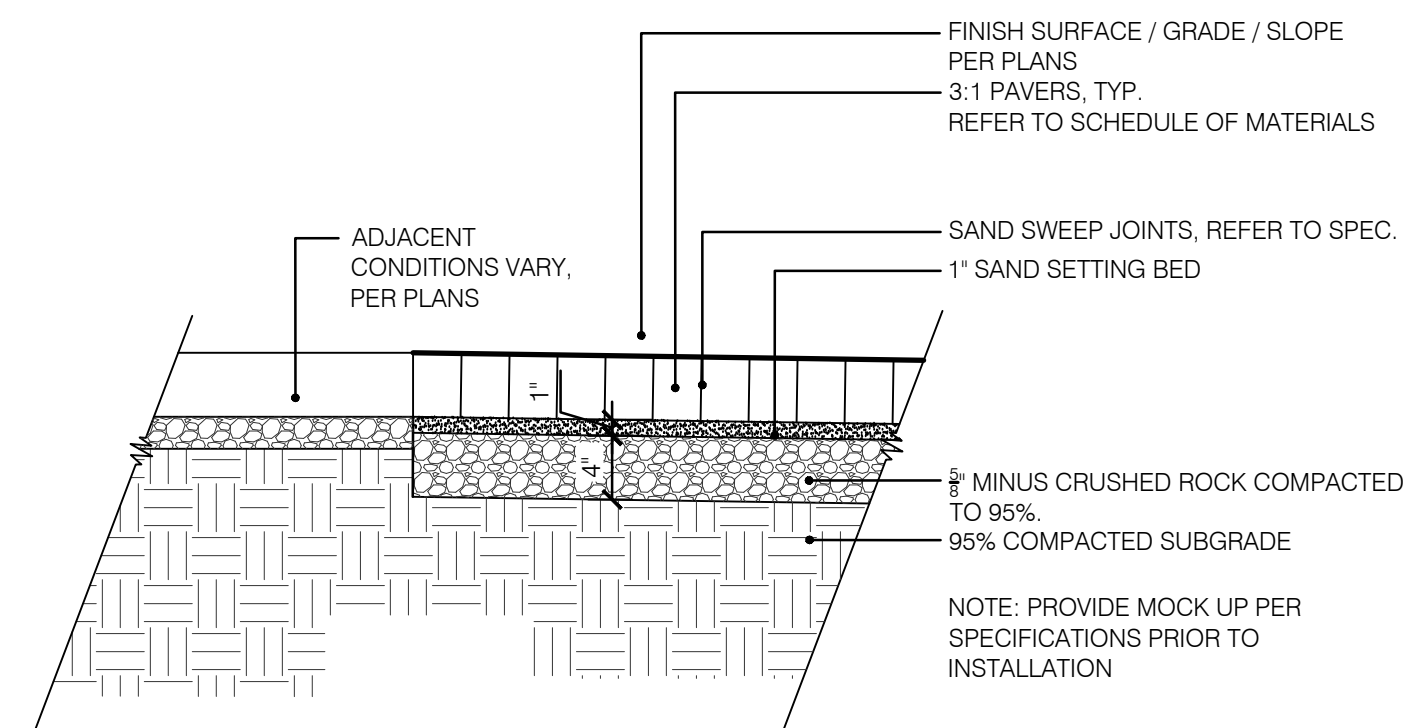
4 CRUSHED ROCK PAVEMENT
SCALE: 1 1/2" = 1'-0"



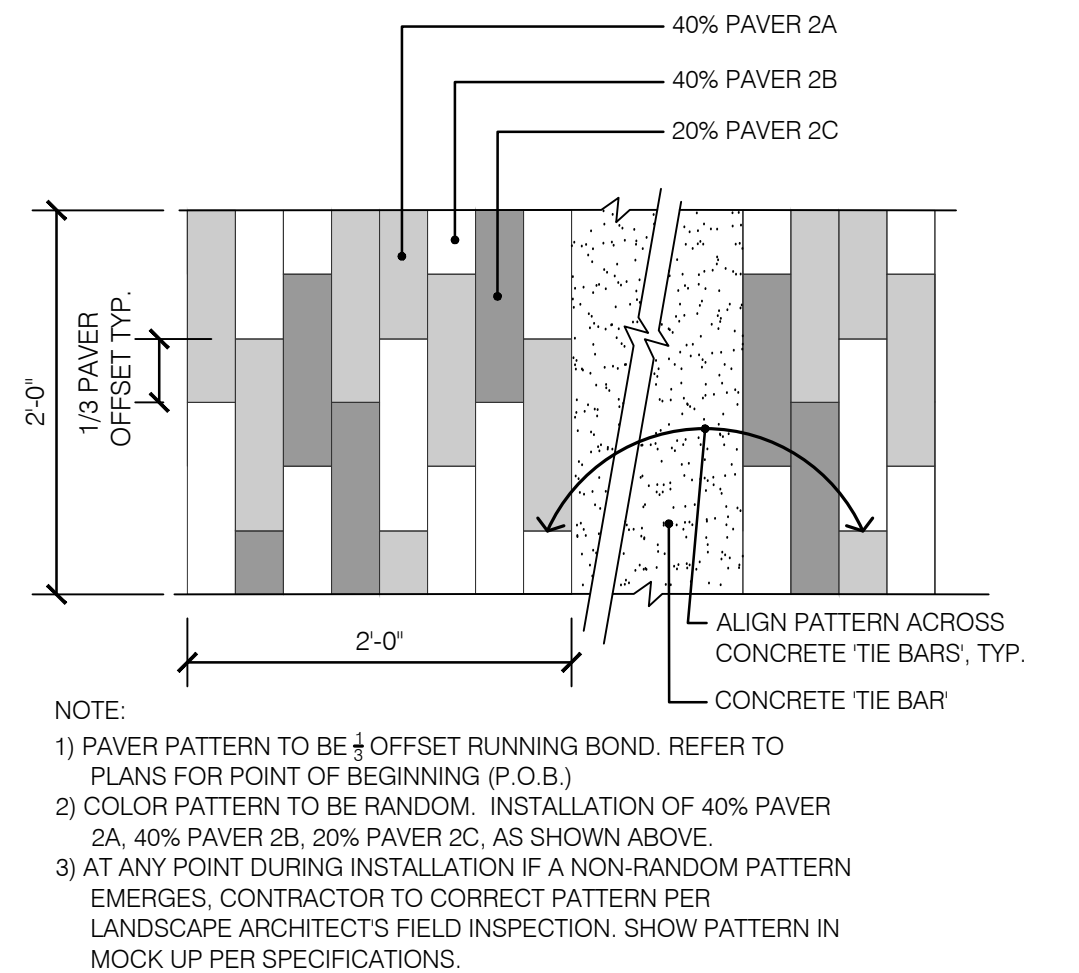
5 CRUSHED ROCK AND EMBEDDED RAIL PAVEMENT
SCALE: 1 1/2" = 1'-0"



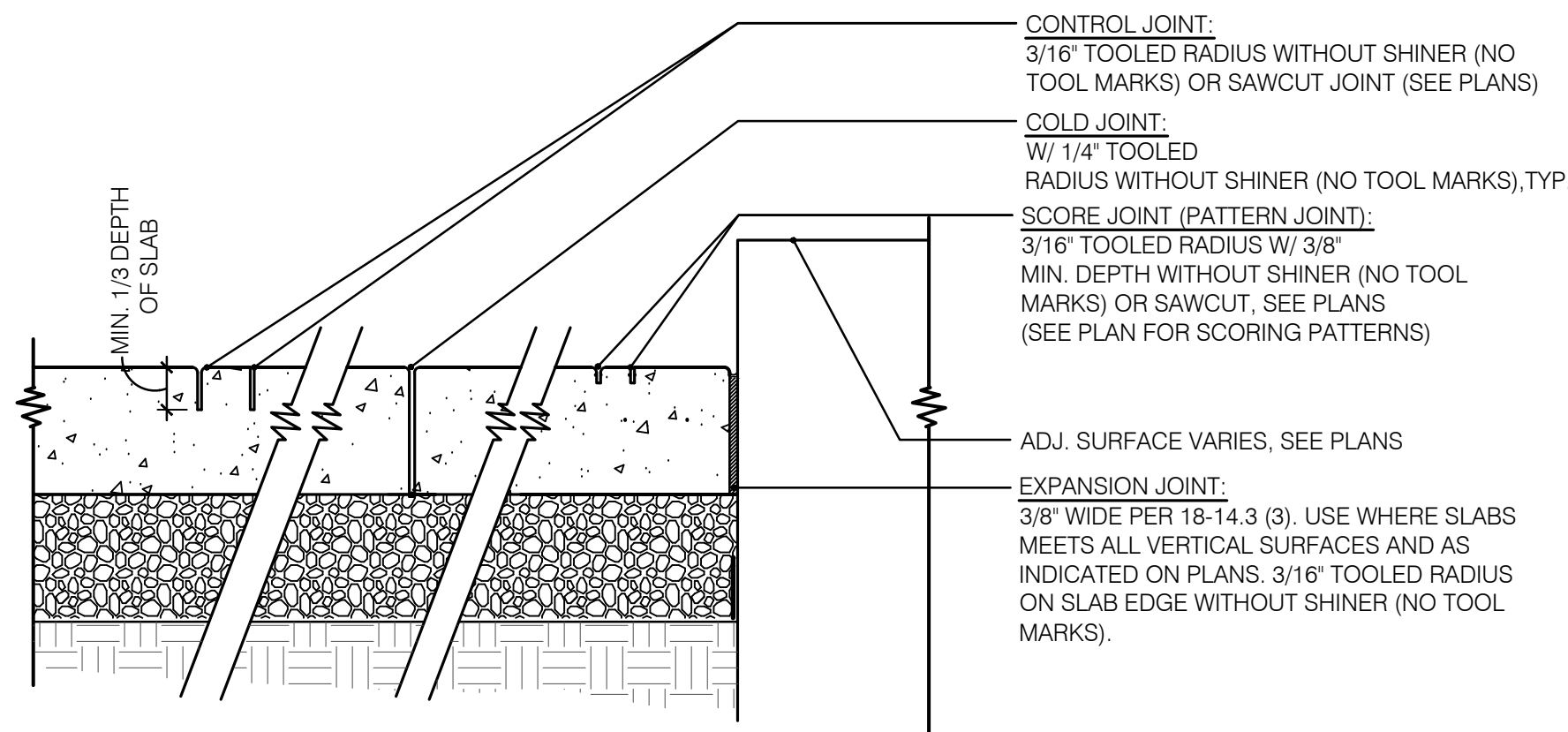
6 METAL EDGING
SCALE: 1 1/2" = 1'-0"



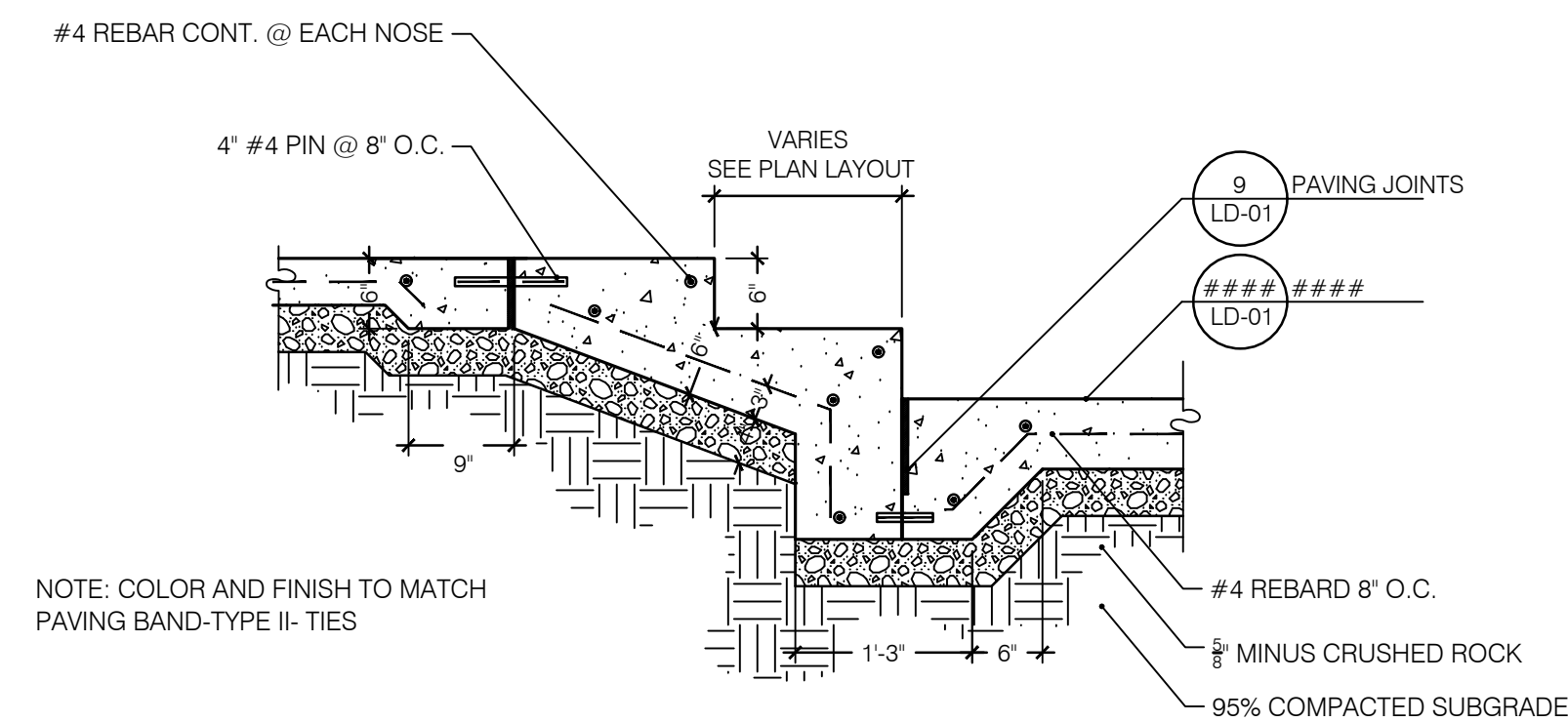
7 CONCRET UNIT PAVERS PATTERN
SCALE: 1" = 1'-0"



NOTE:
1) PAVER PATTERN TO BE 1/3 OFFSET RUNNING BOND. REFER TO PLANS FOR POINT OF BEGINNING (P.O.B.)
2) COLOR PATTERN TO BE RANDOM. INSTALLATION OF 40% PAVER 2A, 40% PAVER 2B, 20% PAVER 2C, AS SHOWN ABOVE.
3) AT ANY POINT DURING INSTALLATION IF A NON-RANDOM PATTERN EMERGES, CONTRACTOR TO CORRECT PATTERN PER LANDSCAPE ARCHITECT'S FIELD INSPECTION. SHOW PATTERN IN MOCK UP PER SPECIFICATIONS.



8 PAVING JOINTS
SCALE: NTS



9 STEP AT FLUSH TIE
SCALE: 3/4" = 1'-0"



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



berger PARTNERSHIP
1721 8th Ave N
Seattle, WA 98109
206.325.6877
bergerpartnership.com

REDMOND ST
LANDSCAPE DETAILS

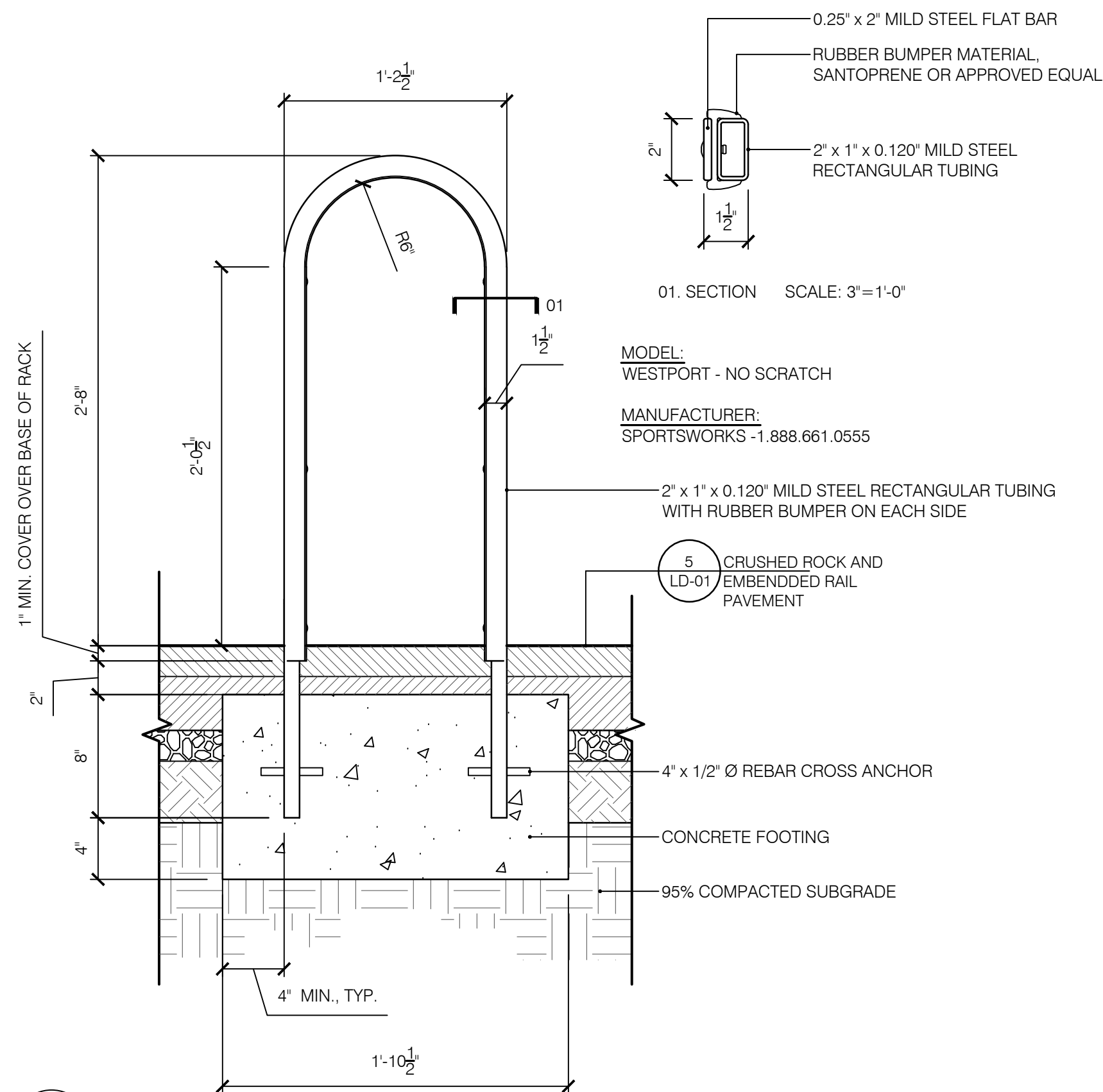
August 2018

PROJECT NO.
XXXXXX

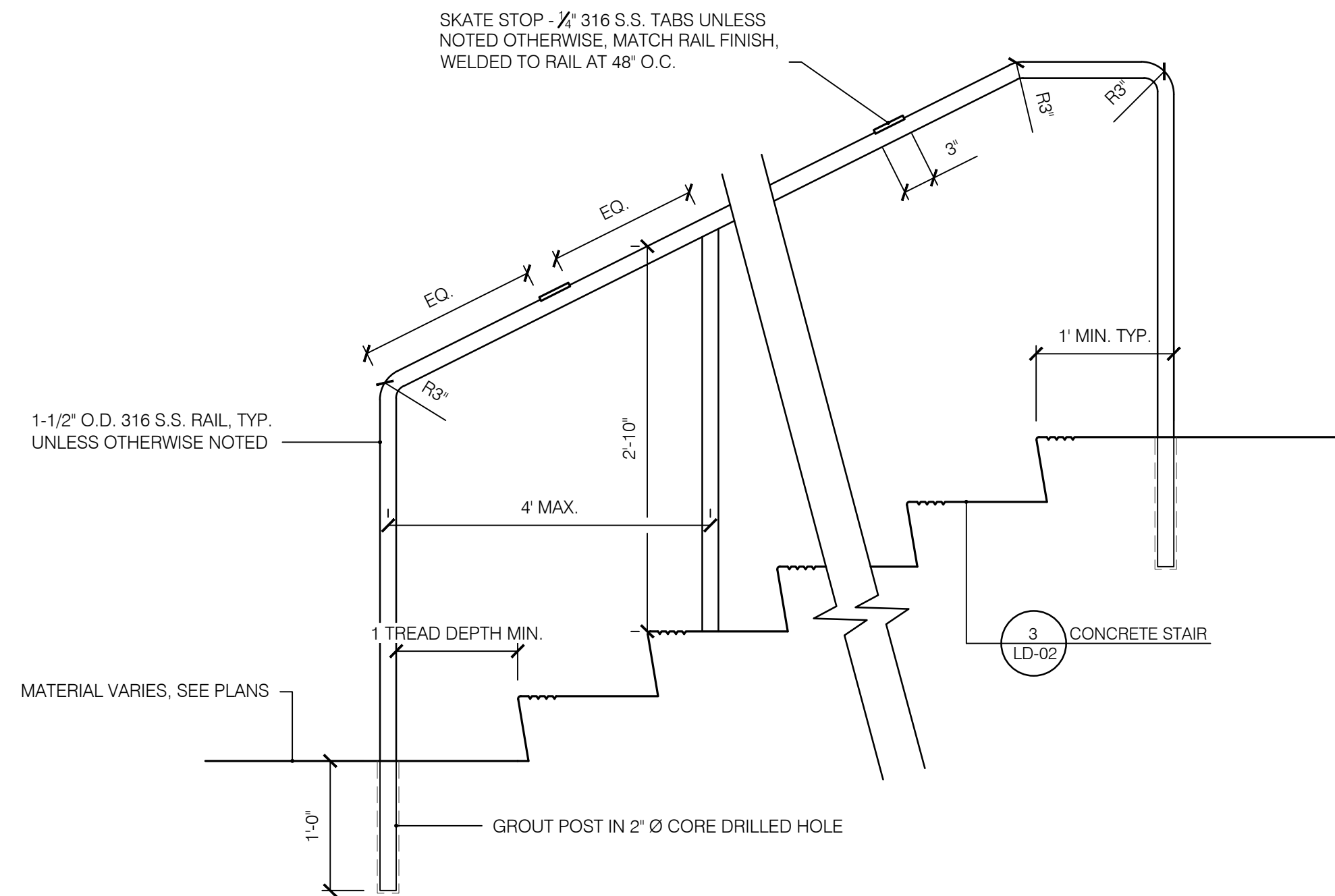
SHEET: OF:
09 14

DRAWING NO.

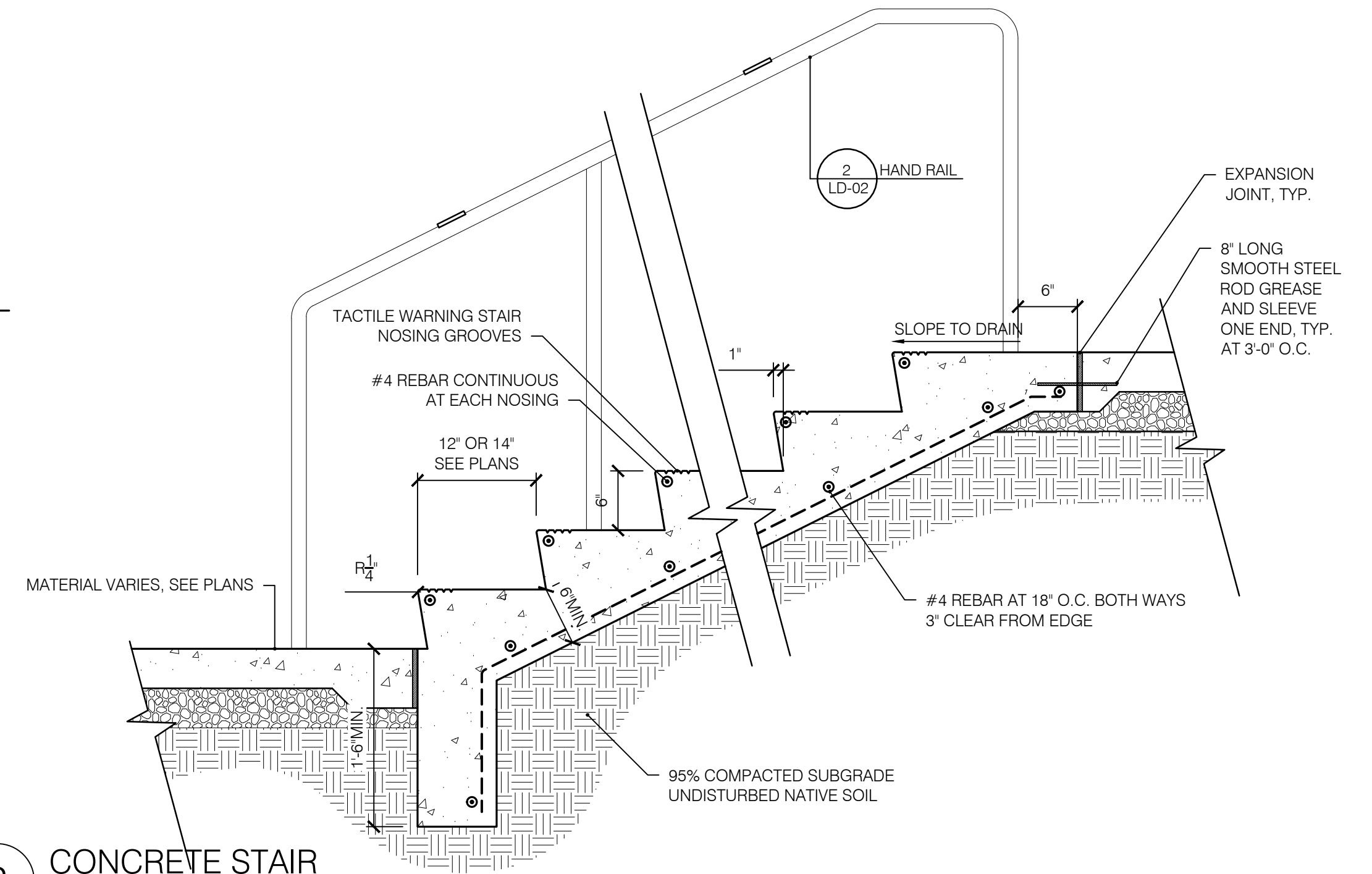
LD-01



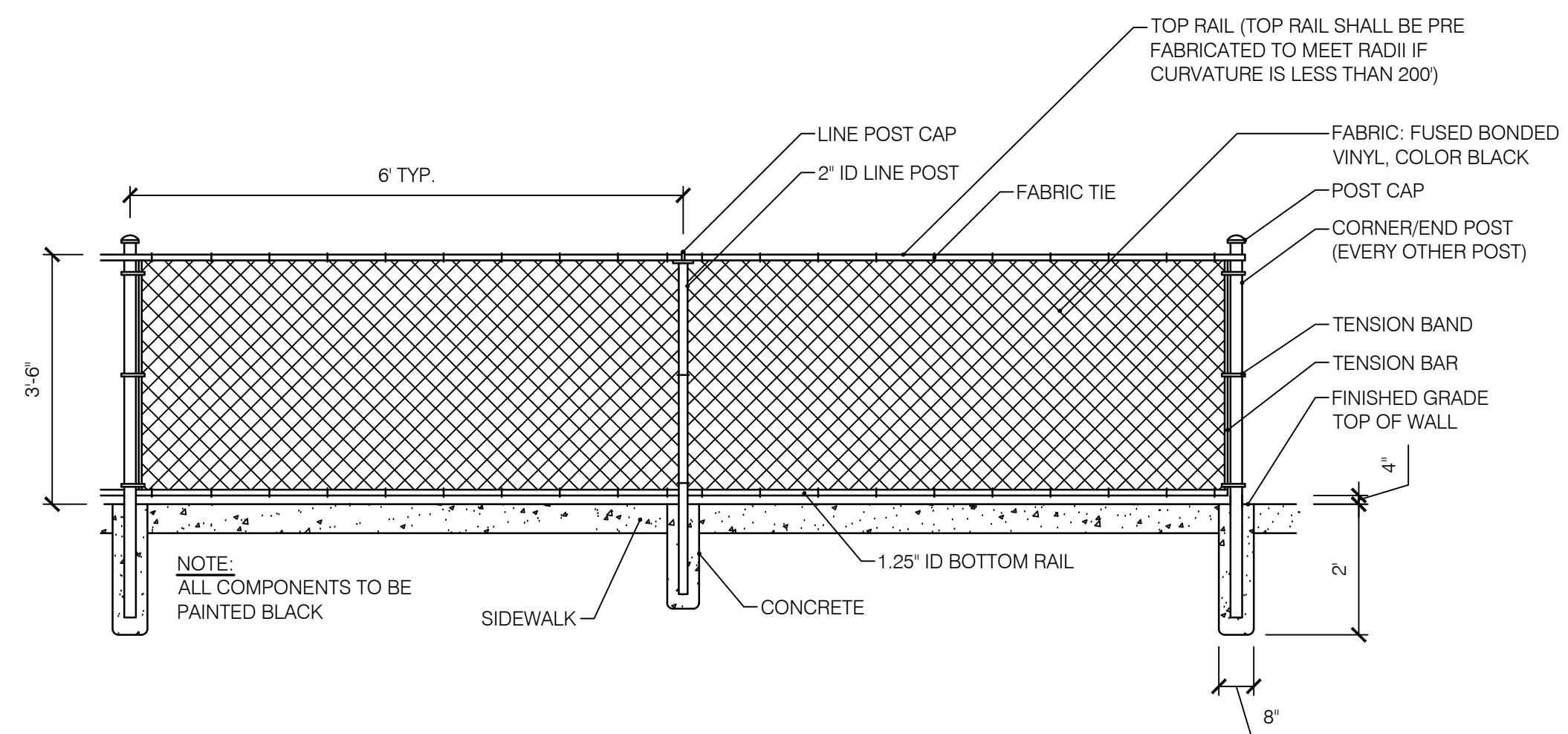
1 BIKE RACK
SCALE: 1 1/2" = 1'-0"



2 HAND RAIL
SCALE: 1" = 1'-0"



3 CONCRETE STAIR
SCALE: 1" = 1'-0"



5 VINYL COATED CHAIN LINK FENCE
SCALE: 1/2" = 1'-0"



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



REDMOND ST
LANDSCAPE DETAILS

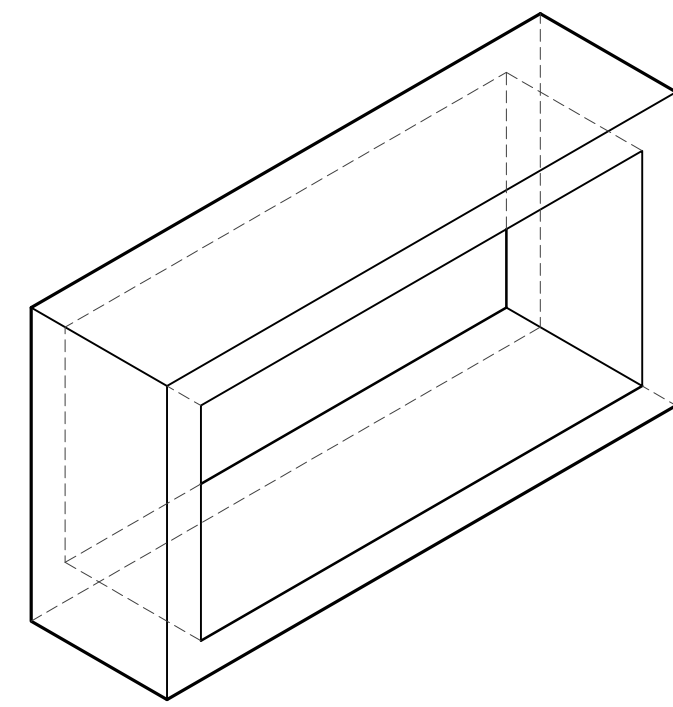
August 2018

PROJECT NO.
XXXXXX

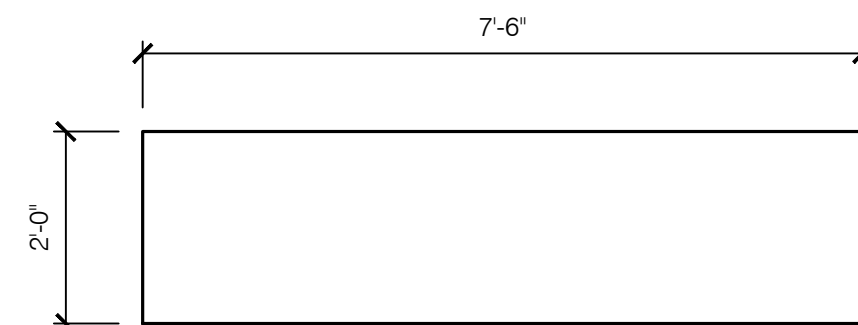
SHEET: OF:
10 14

DRAWING NO.

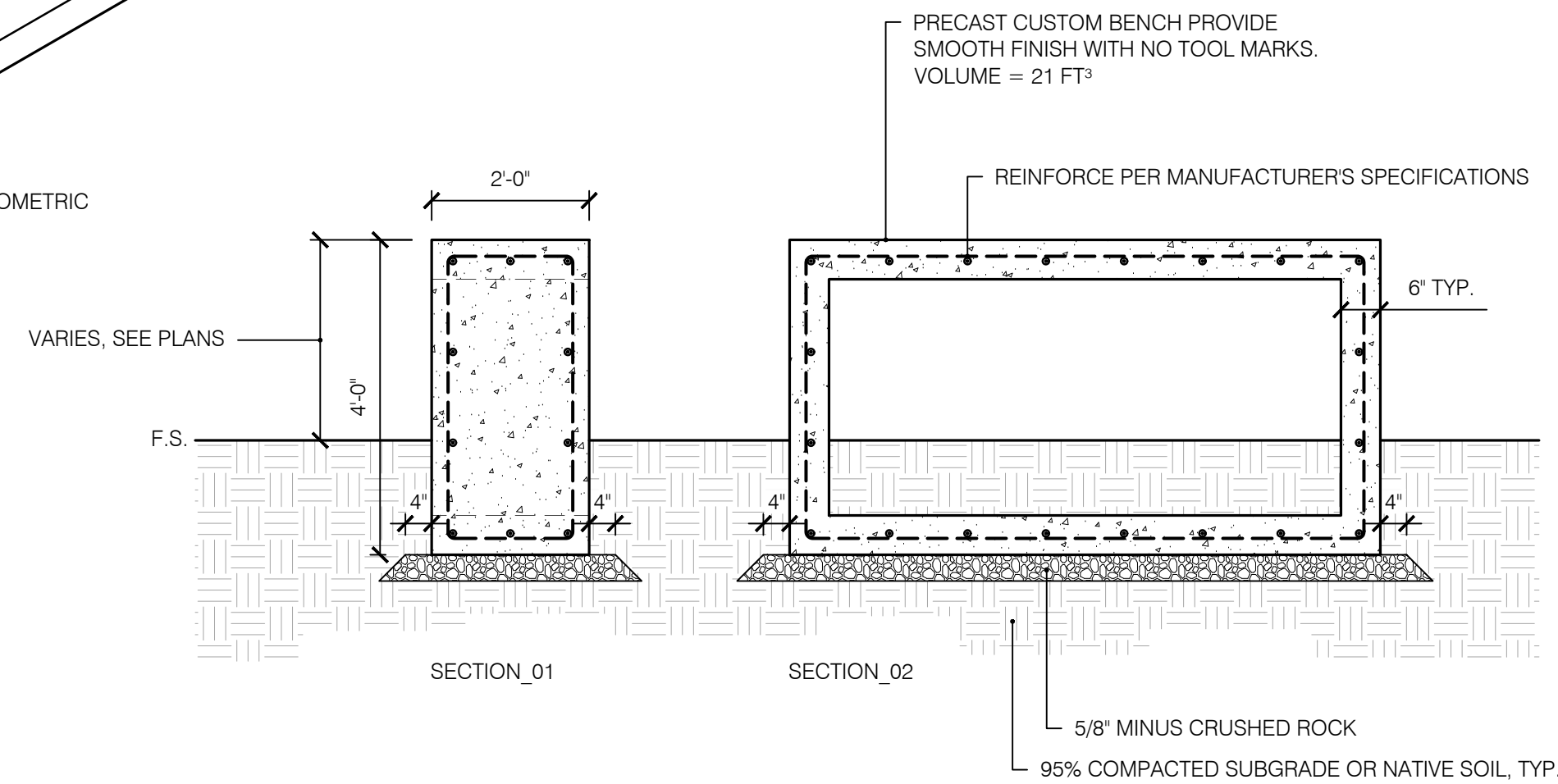
LD-02



ILLUSTRATIVE AXONOMETRIC



PLAN

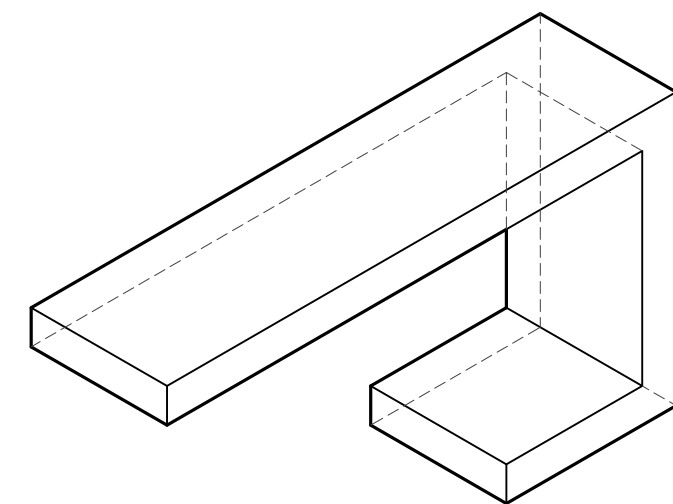


SECTION_01

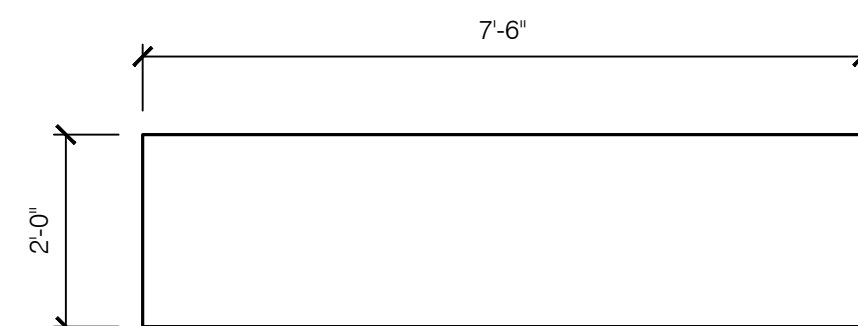
SECTION_02

1 BENCH - MODULE 01

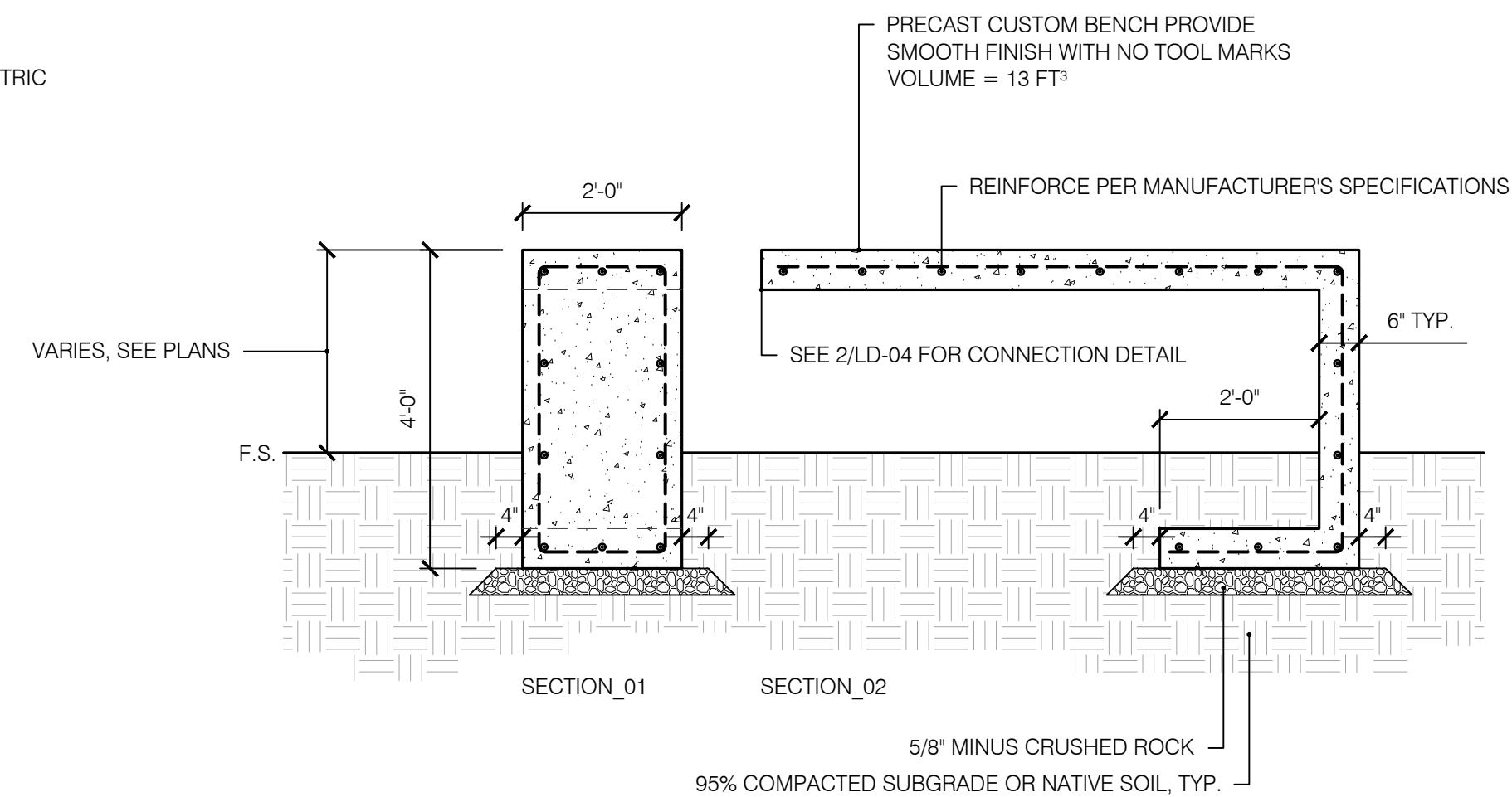
SCALE: 1/2" = 1'-0"



ILLUSTRATIVE AXONOMETRIC



PLAN

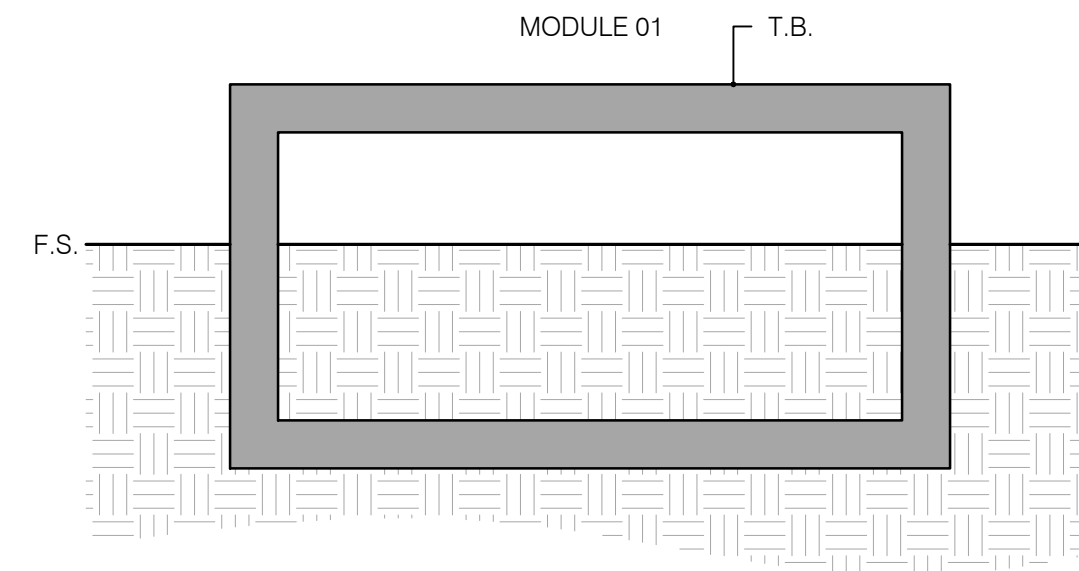


SECTION_01

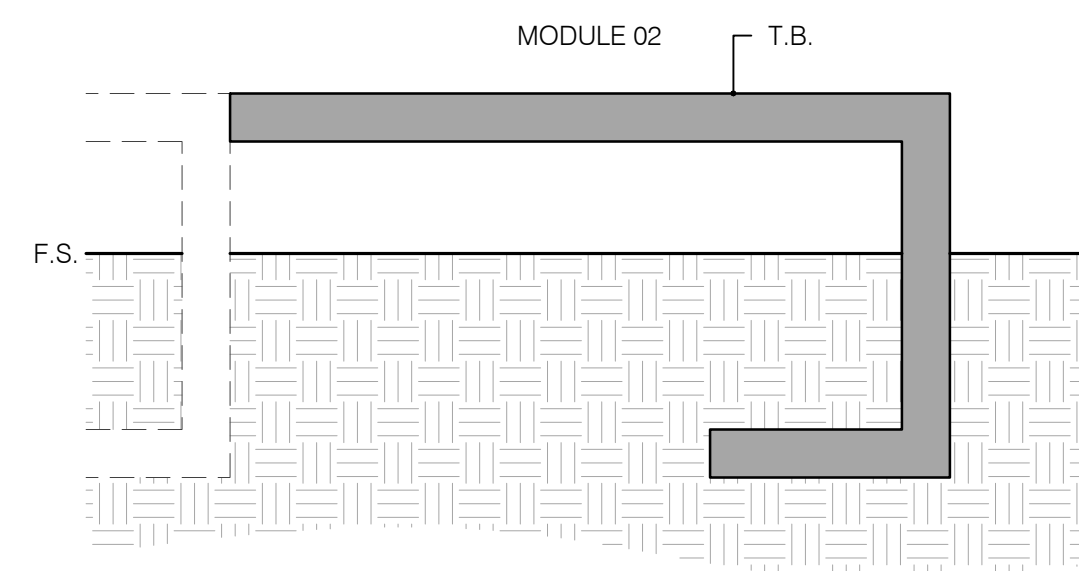
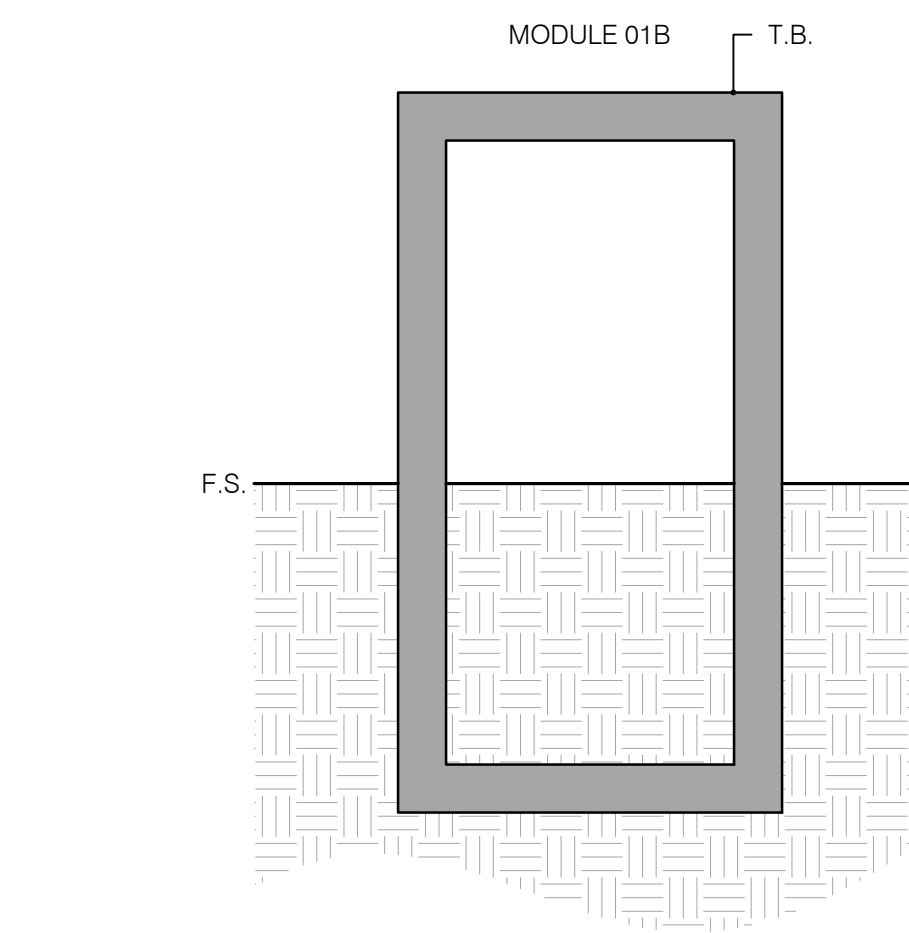
SECTION_02

2 BENCH - MODULE 02

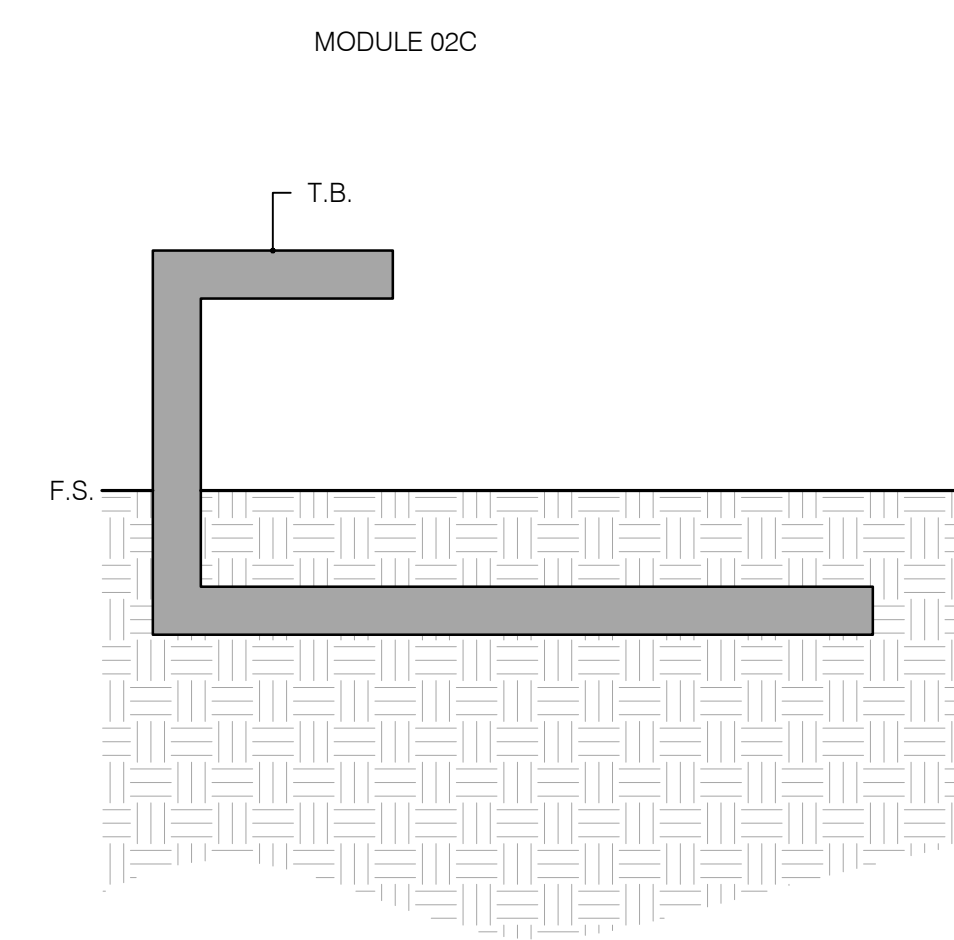
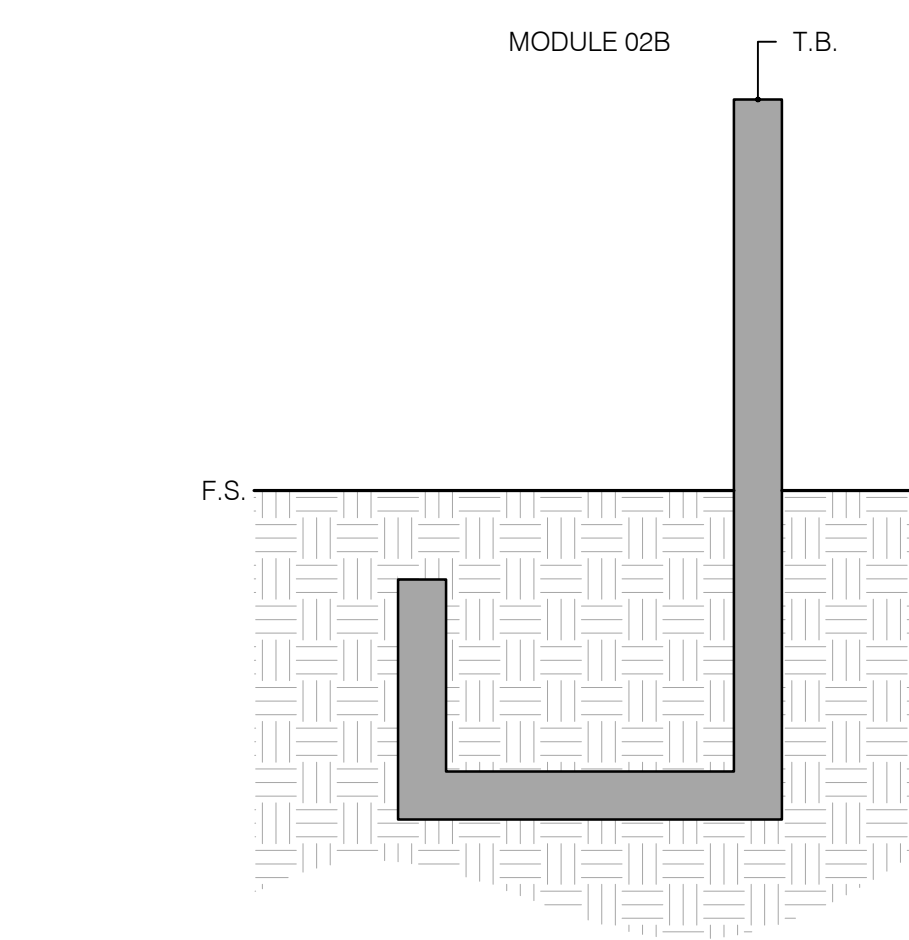
SCALE: 1/2" = 1'-0"



INSTALLATION DIAGRAMS



INSTALLATION DIAGRAMS



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



1721 8th Ave N
Seattle, WA 98109
206 325 6877
bergerpartnership.com

REDMOND ST
LANDSCAPE DETAILS

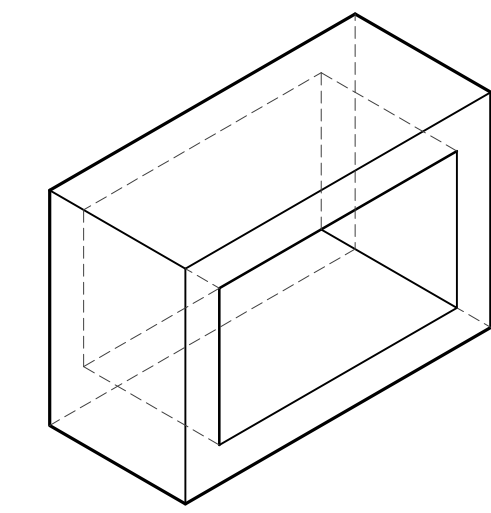
August 2018

PROJECT NO.
XXXXXX

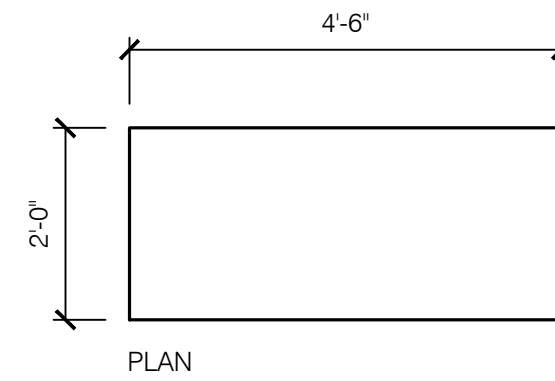
SHEET: OF:
11 14

DRAWING NO.

LD-03



ILLUSTRATIVE AXONOMETRIC



PLAN

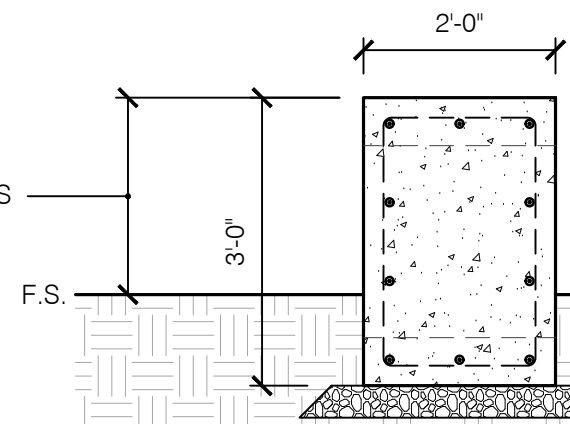
PRECAST CUSTOM BENCH PROVIDE SMOOTH FINISH WITH NO TOOL MARKS. VOLUME = 11 FT³

REINFORCE PER MANUFACTURERS SPECIFICATIONS

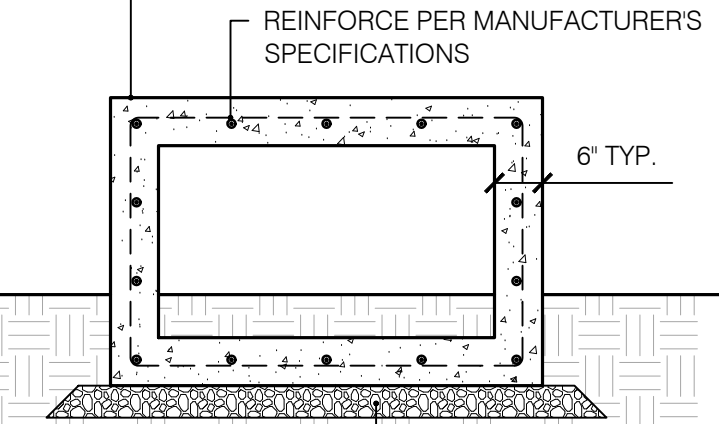
6" TYP.

5/8" MINUS CRUSHED ROCK

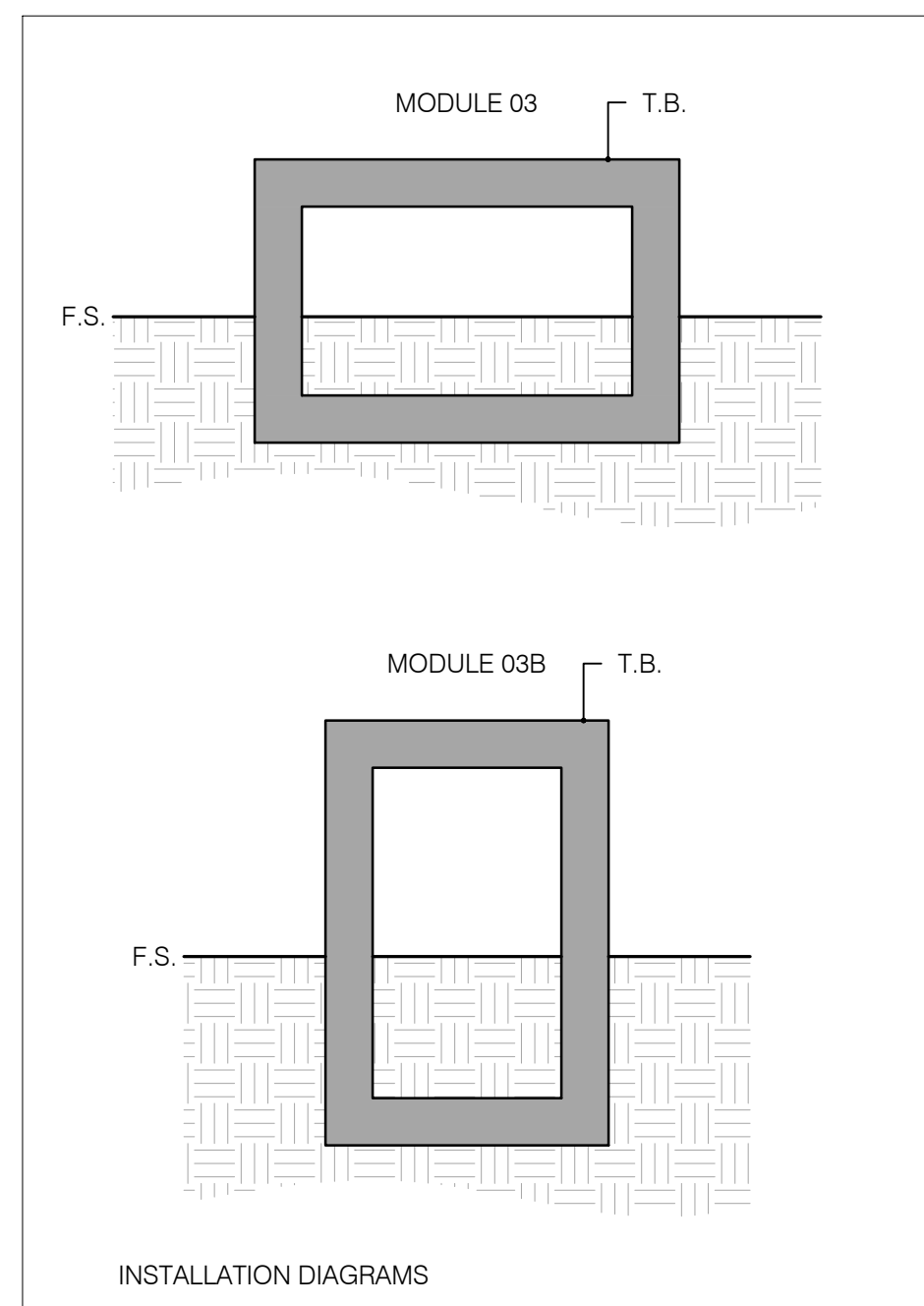
95% COMPACTED SUBGRADE OR NATIVE SOIL, TYP.



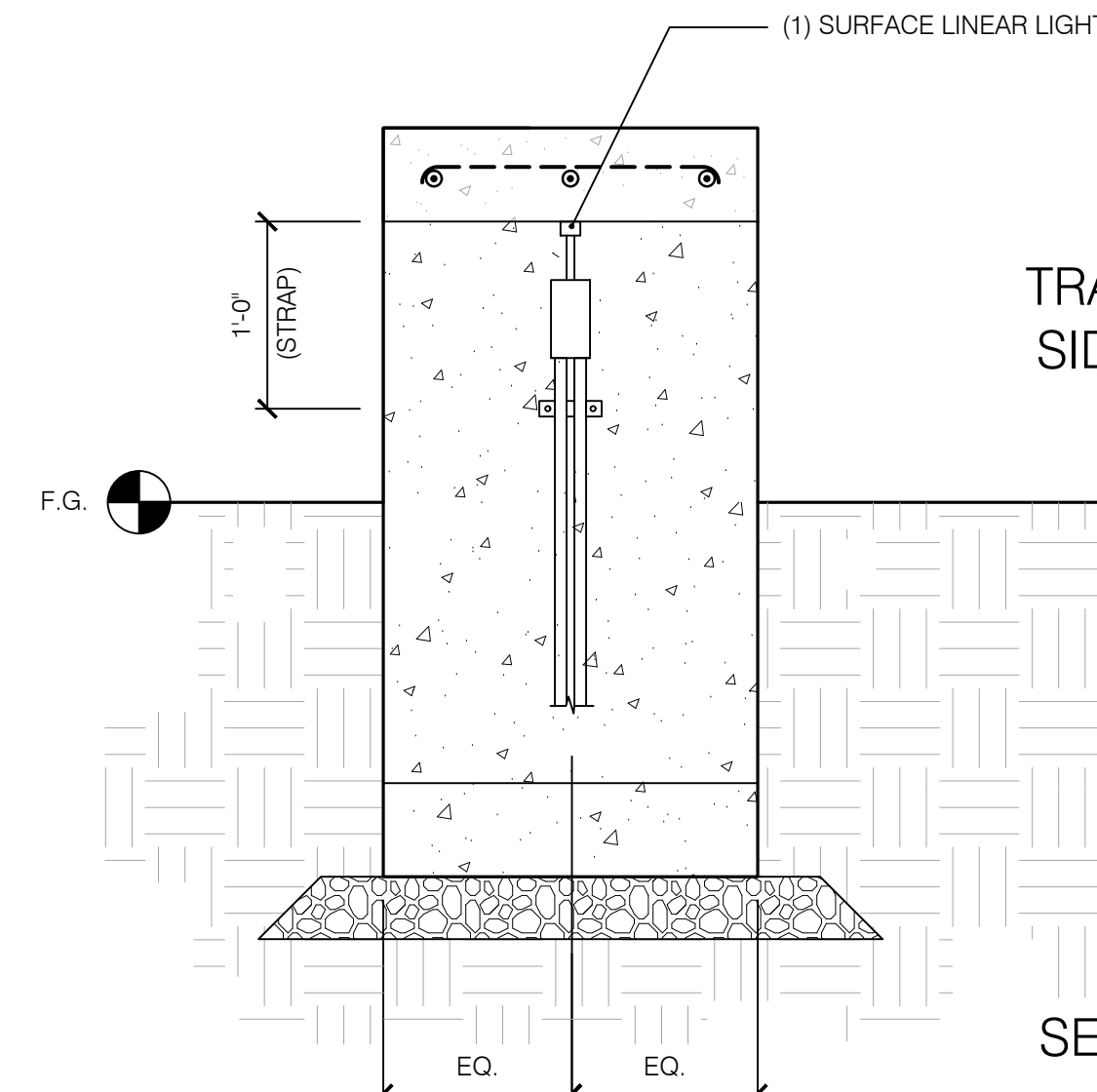
SECTION_01



SECTION_02



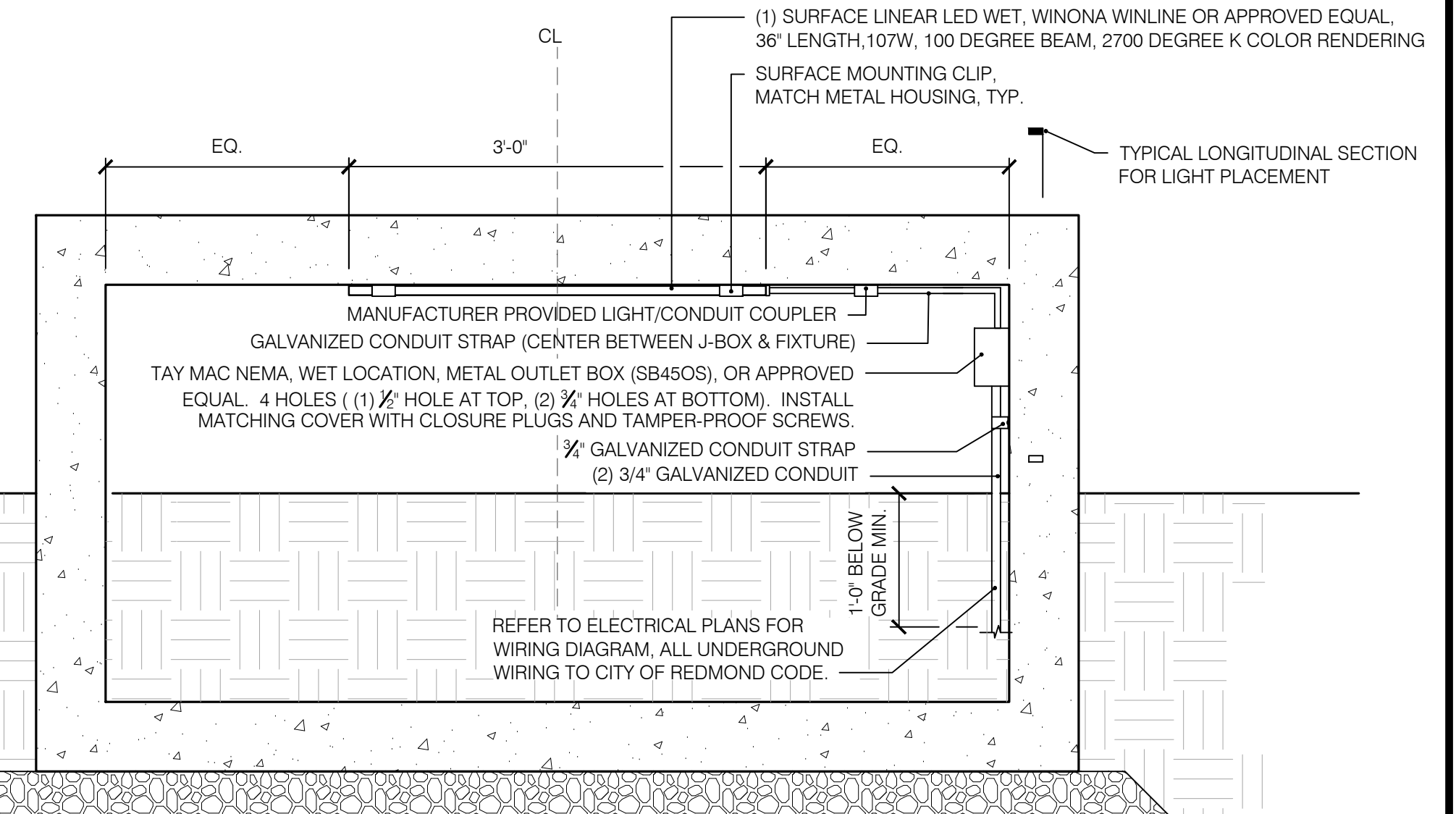
INSTALLATION DIAGRAMS



TYPICAL LONGITUDINAL SECTION FOR LINEAR LIGHT PLACEMENT

TRAIL SIDE

SECTION - MODULE 01

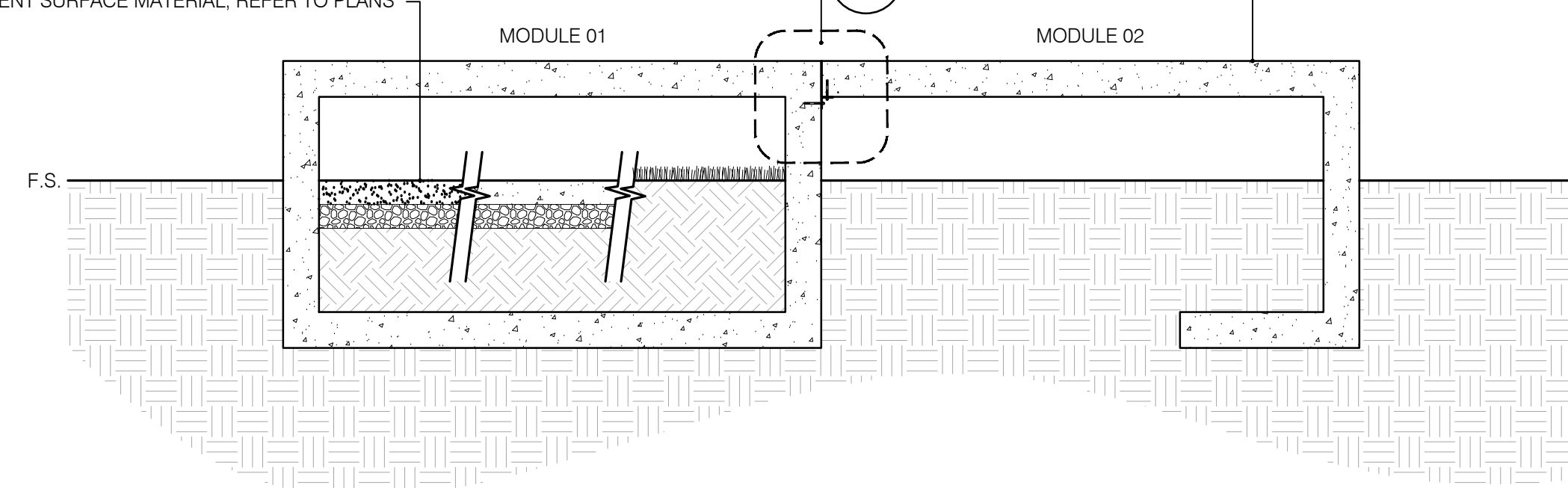


1 BENCH - MODULE 03
SCALE: 1/2" = 1'-0"

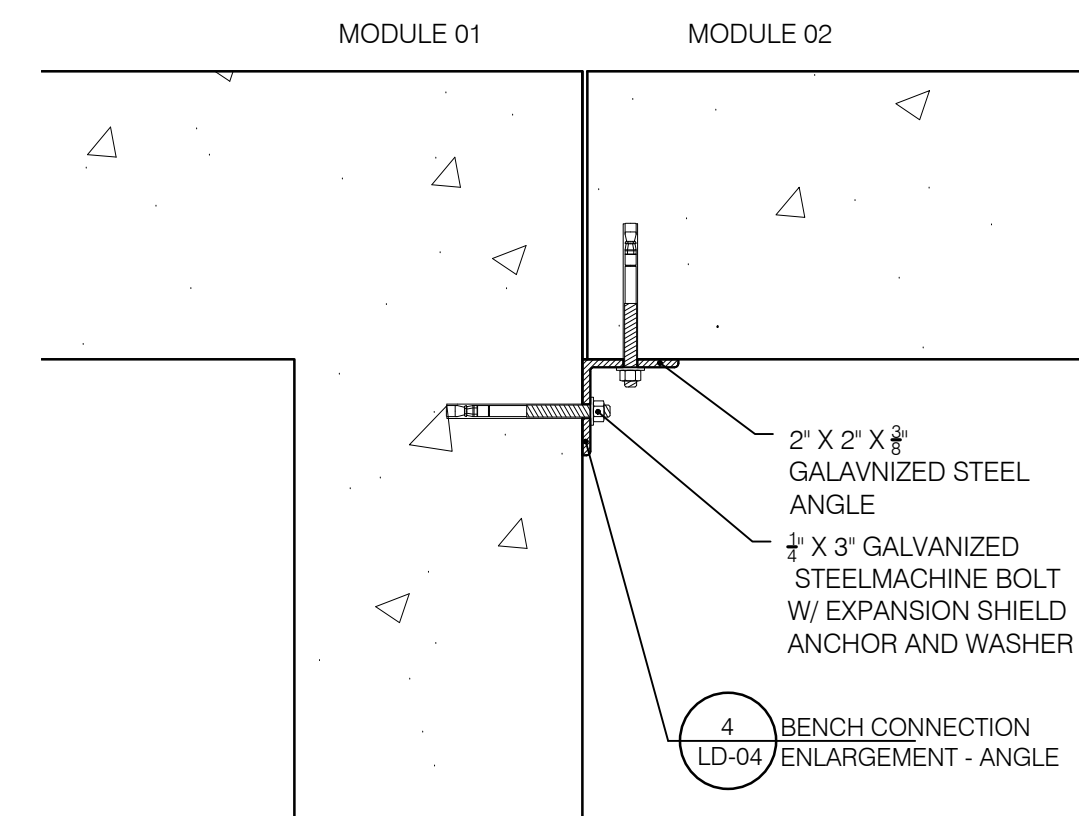
CONDITION UNDERNEATH BENCH TO MATCH ADJACENT SURFACE MATERIAL, REFER TO PLANS

USE MODULE 02 FOR MULTIPLE BENCH LENGTHS

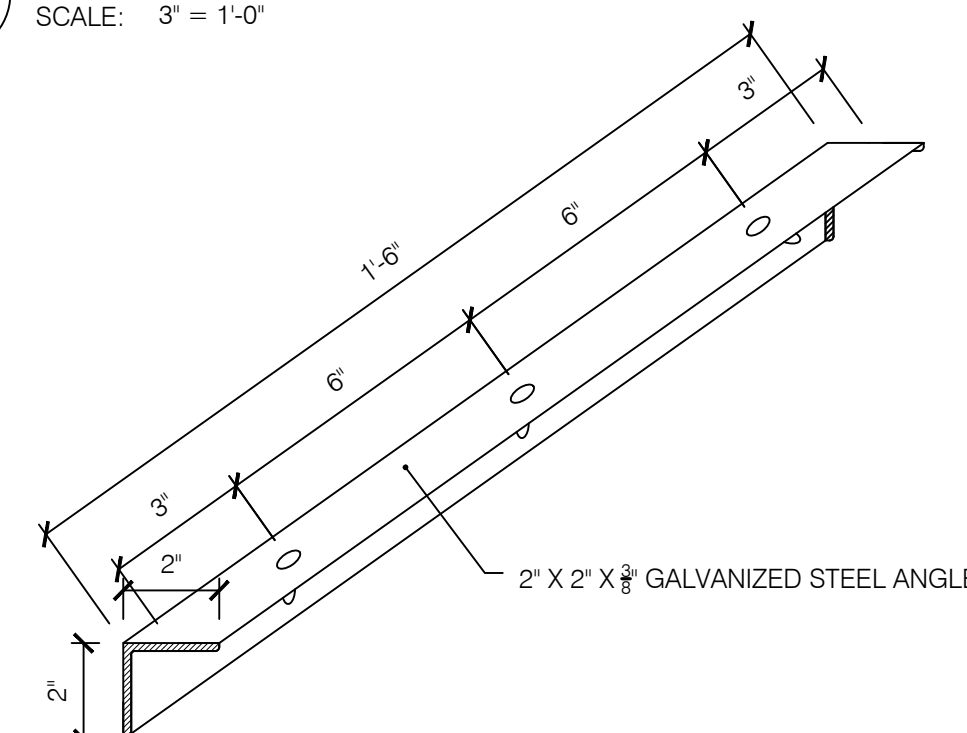
3 MODULE 01-02 CONNECTION LD-04 ENLARGEMENT



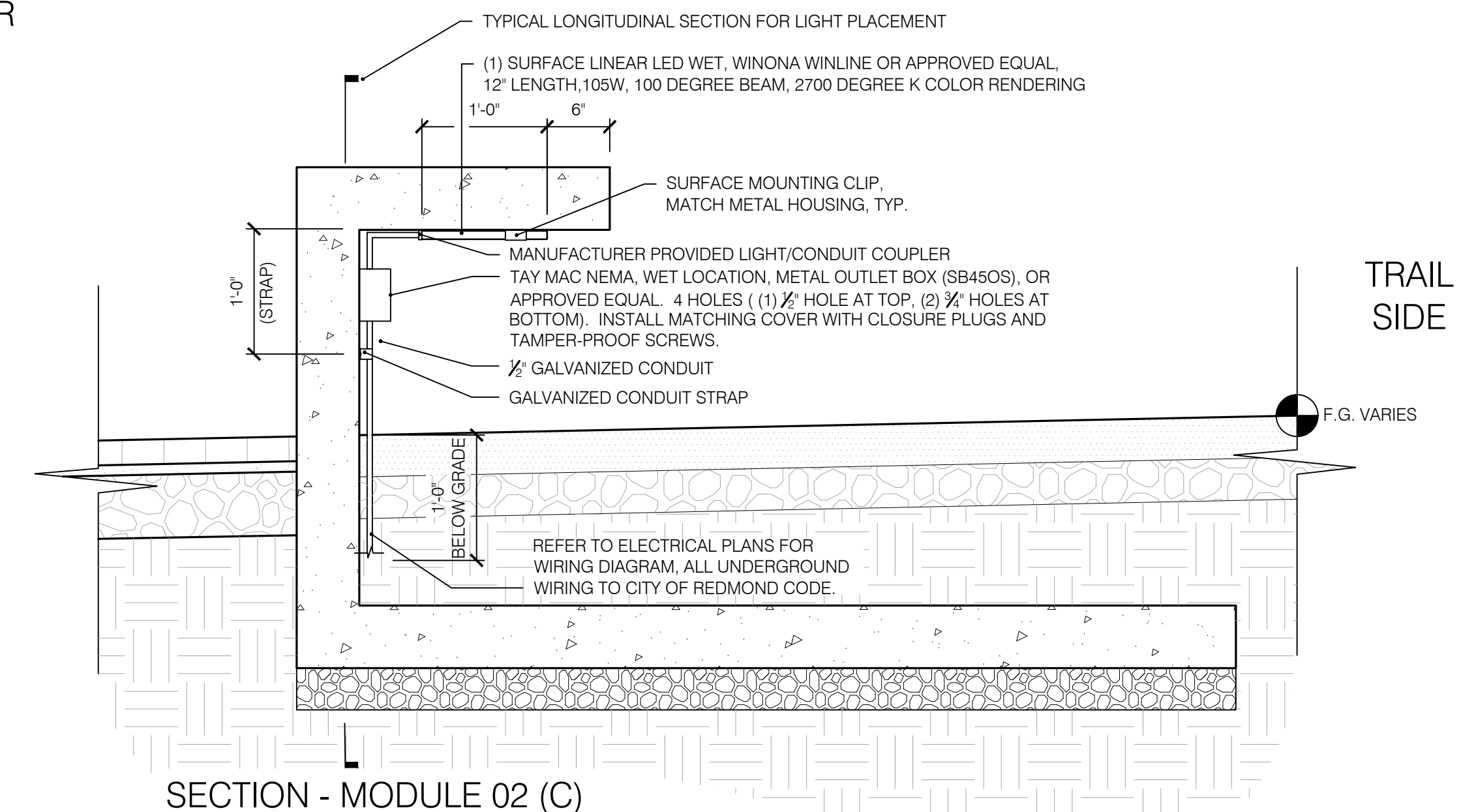
2 MODULE 01-02 CONNECTION
SCALE: 1/2" = 1'-0"



3 MODULE 01-02 CONNECTION ENLARGEMENT
SCALE: 3" = 1'-0"



4 BENCH CONNECTION ENLARGEMENT - ANGLE
SCALE: 3" = 1'-0"



SECTION - MODULE 02 (C)

5 LED LIGHT FIXTURE ATTACHMENT
SCALE: 1" = 1'-0"



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



PARTNERSHIP
berger
1721 8th Ave N
Seattle, WA 98109
206 325 6877
bergerpartnership.com

REDMOND ST
LANDSCAPE DETAILS

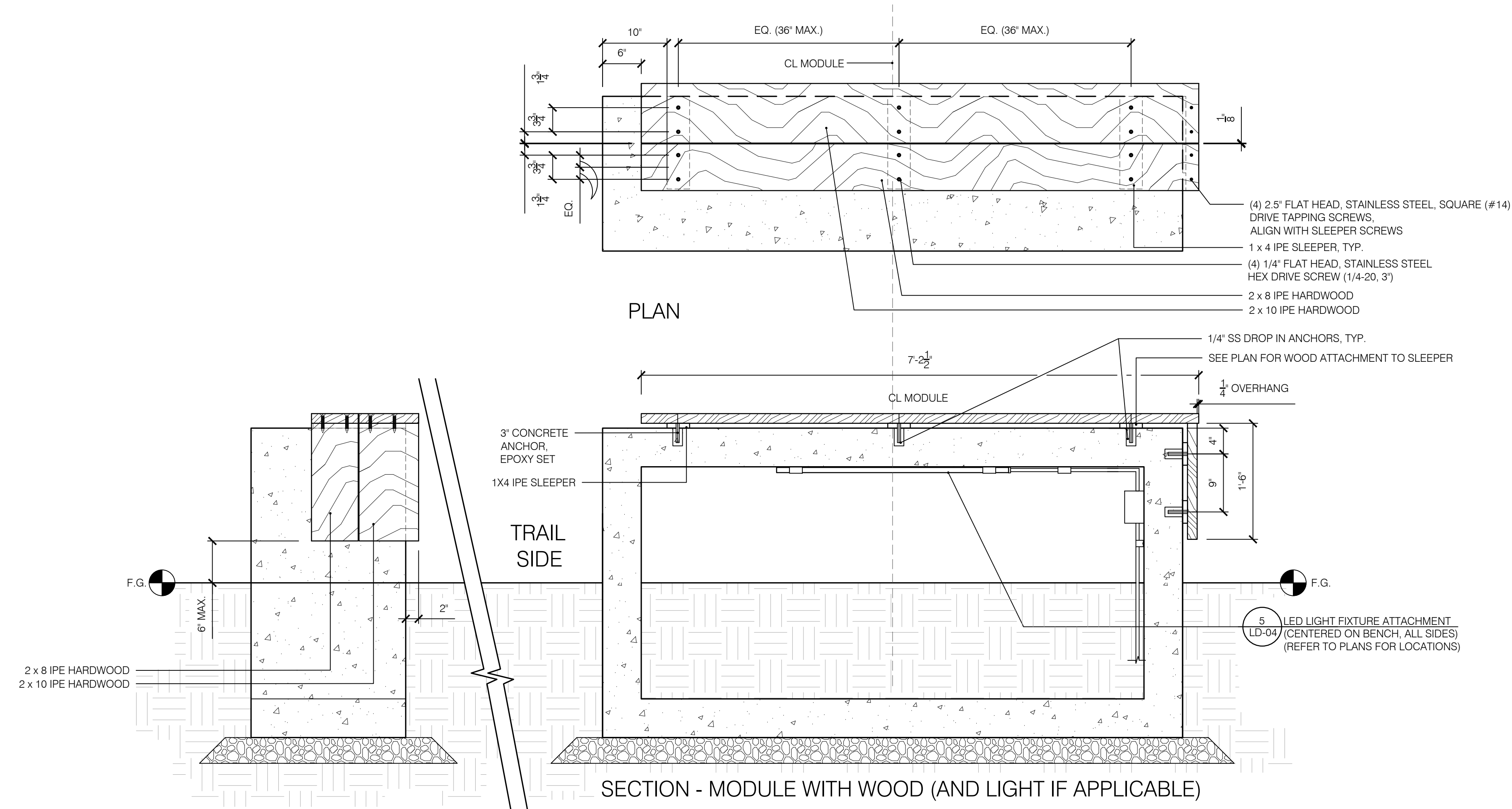
August 2018

PROJECT NO.
XXXXXX

SHEET: OF:
12 14

DRAWING NO.

LD-04



1 WOOD BENCH CLADDING
SCALE: 1" = 1'-0"

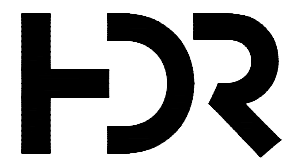
BENCH AND LIGHTING NOTES:

1. SUBMIT SHOP DRAWINGS FOR BENCH AND LIGHTING DETAILS PRIOR TO MOCK UP. MOCK-UP OF ONE BENCH FOR APPROVAL PRIOR TO COMPLETE INSTALLATION. SHOP DRAWINGS SHALL SHOW FINAL LAYOUT OF ALL BENCH APPLICATIONS, LIGHTING APPLICATIONS, AND BENCH "WRAP" APPLICATIONS WITH DIMENSIONS, MATERIALS, HARDWARE, AND WOOD END SEALANT.
2. SUBMIT MATERIAL APPROVAL FOR WITH SHOP DRAWINGS FOR:
 - 2.1. IPE WOOD ELEMENTS AND FSC CERTIFICATION
 - 2.2. LIGHT FIXTURE
 - 2.3. ELECTRICAL BOXES ABOVE GRADE
 - 2.4. ALL FASTENERS AND HARDWARE (LIGHTING AND WOOD)
 - 2.5. ALL ELECTRICAL EQUIPMENT, TRANSFORMER, ETC.
3. END GRAIN AND BOARD CUPPING PLACEMENT SHALL BE DONE TO REDUCE VISUAL IMPACT OF WARPING (FACE DOWN).
4. ALL HARDWARE TO BE STAINLESS STEEL / SQUARE DRIVE OR TAMPER PROOF.
5. ALL IPE SCREW / FASTENING TO BE PRE-DRILLED AND COUNTERSUNK FLUSH.
6. SEAL AND WAX END OF GRAIN OF IPE WITH NATURAL WAX PER MANUFACTURER'S RECOMMENDATIONS WITHIN 4 HOURS OF CUT AND EXPOSURE OF END GRAIN.
7. ALL WOOD SURFACES SHALL BE SANDED SMOOTH TO REMOVE ROUGH SURFACES, CLEAR OF SPLINTERS, CRACKS, OR DEFORMATIONS IN WOOD.
8. ALL WOOD NOT DIMENSIONED ON PLAN ARE NOMINAL IN SIZE. REQUEST CLARIFICATION IF NEEDED.
9. ALL IPE HARDWOOD SHALL BE FSC CERTIFIED WITH PROPER CHAIN-OF-HANDLING SUBMITTAL PROVIDED
10. STANDARD PROJECT SKATESTOPS SHALL BE USED, NO SPECIAL SKATESTOP FOR THE WOOD BENCH, INSTALL PER DETAIL, LOCATION DETERMINED BY LANDSCAPE ARCHITECT PER SPECIFICATIONS



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



berger
PARTNERSHIP
1721 8th Ave N
Seattle, WA 98109
206.325.6877
bergerpartnership.com

REDMOND ST
LANDSCAPE DETAILS

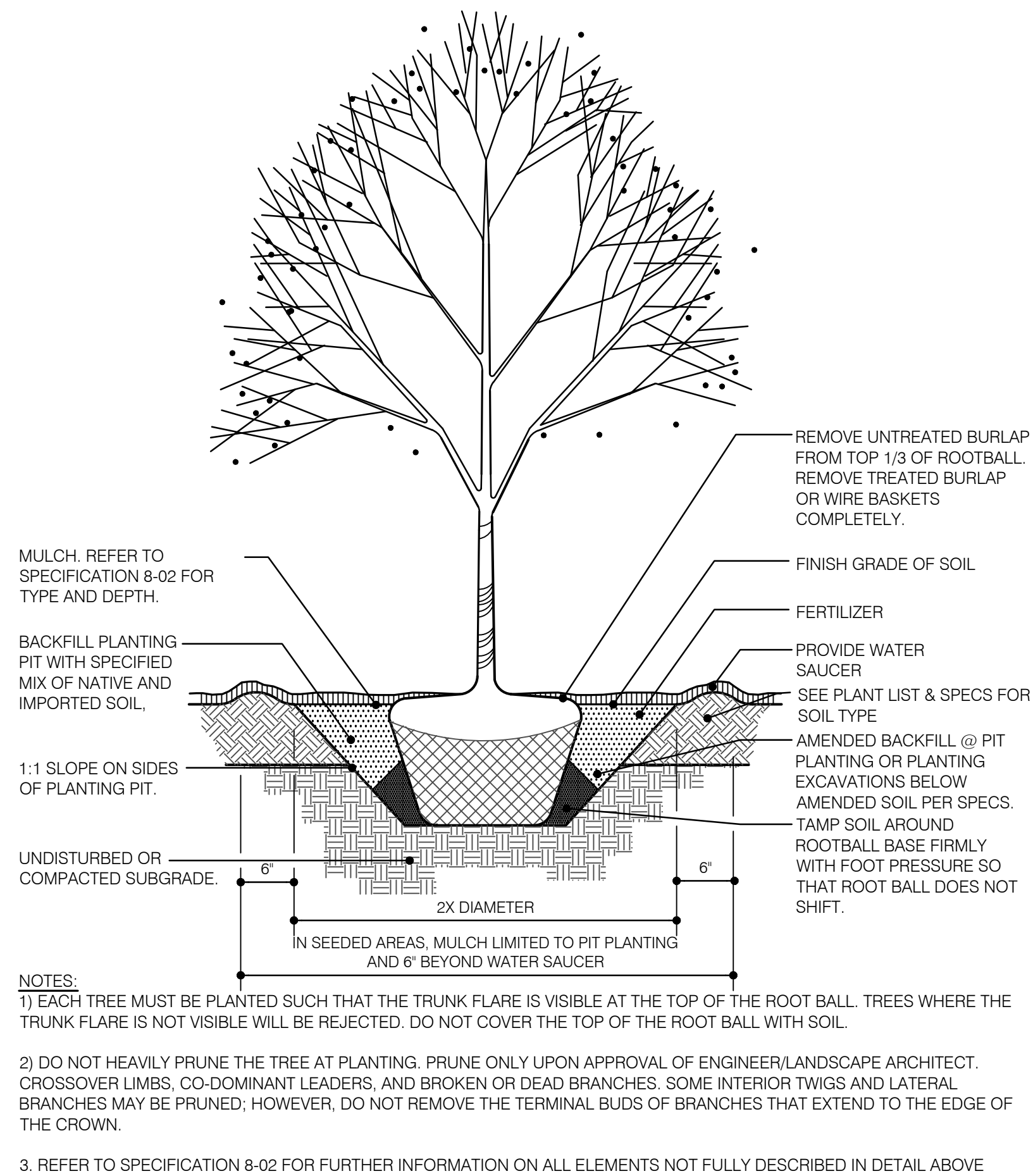
August 2018

PROJECT NO.
XXXXXX

SHEET: OF:
13 14

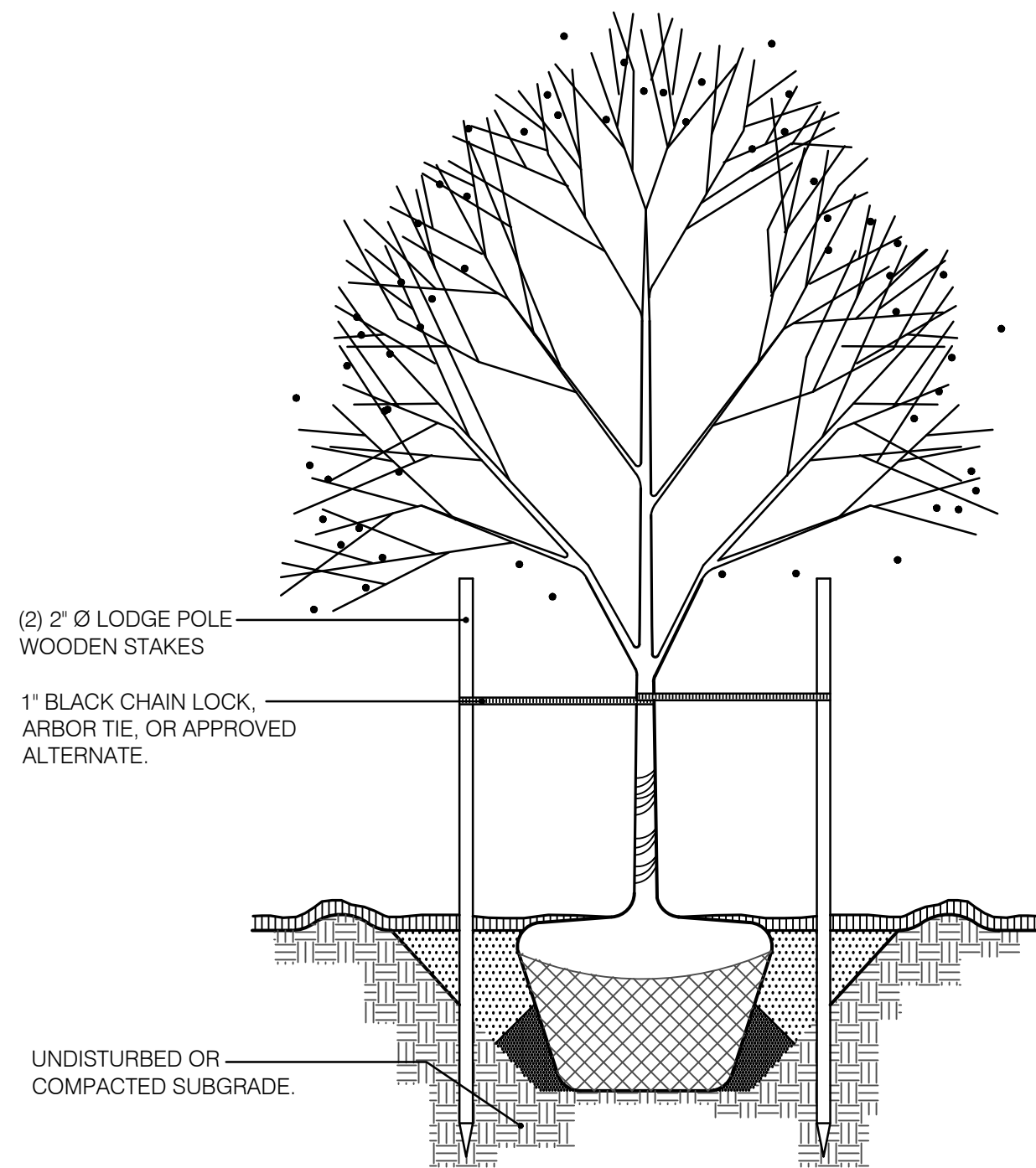
DRAWING NO.

LD-05



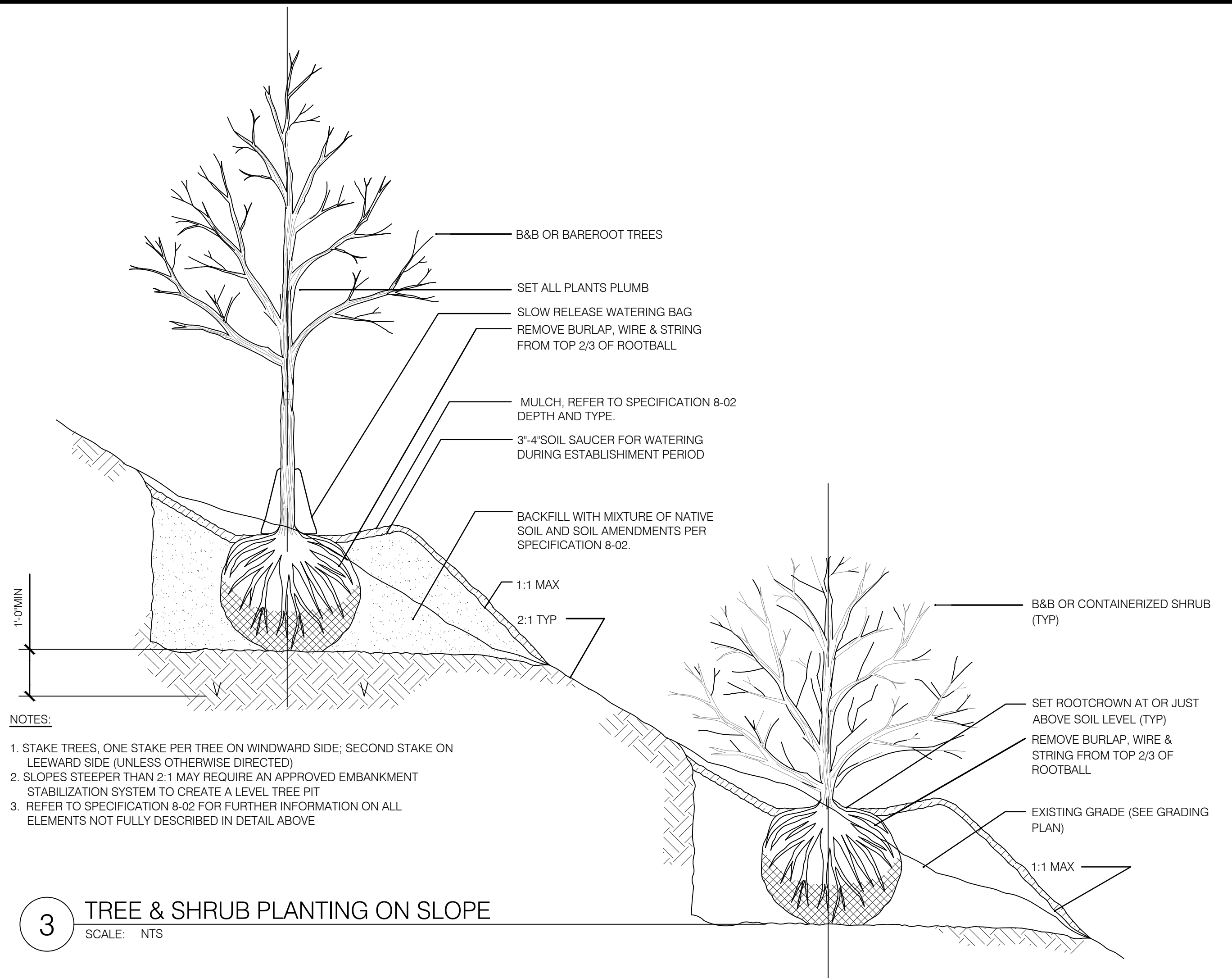
1 TREE PLANTING

SCALE: NTS



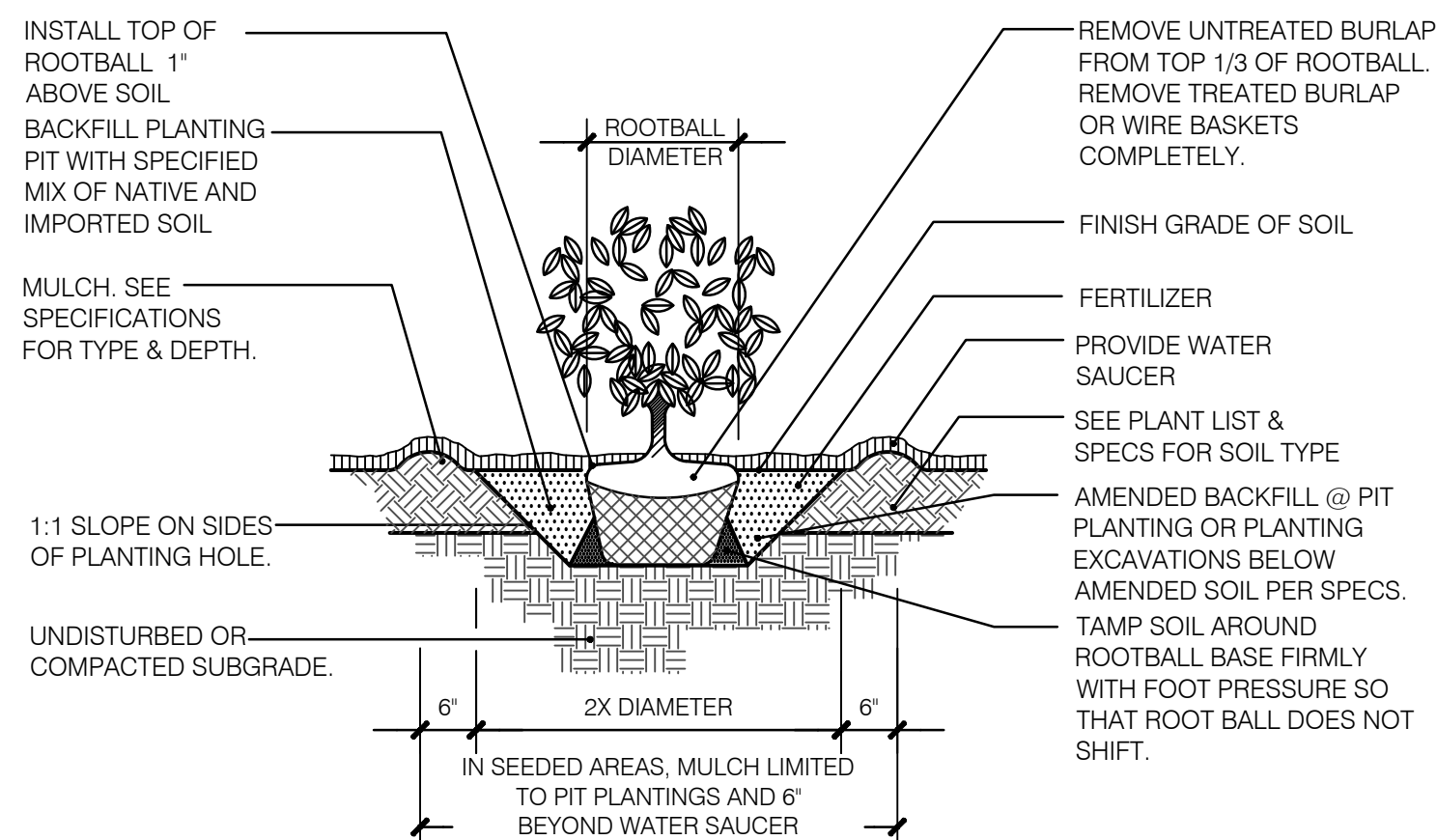
2 TREE STAKING

SCALE: NTS



3 TREE & SHRUB PLANTING ON SLOPE

SCALE: NTS



4 GROUNDCOVER GRASS & SHRUB PLANTING

SCALE: NTS



CITY OF REDMOND
PUBLIC WORKS DEPARTMENT
15670 NE 85TH STREET - REDMOND, WA 98073-9710

Redmond Central Connector
Design Guidance



REDMOND ST
LANDSCAPE DETAILS

August 2018

PROJECT NO.
XXXXXX

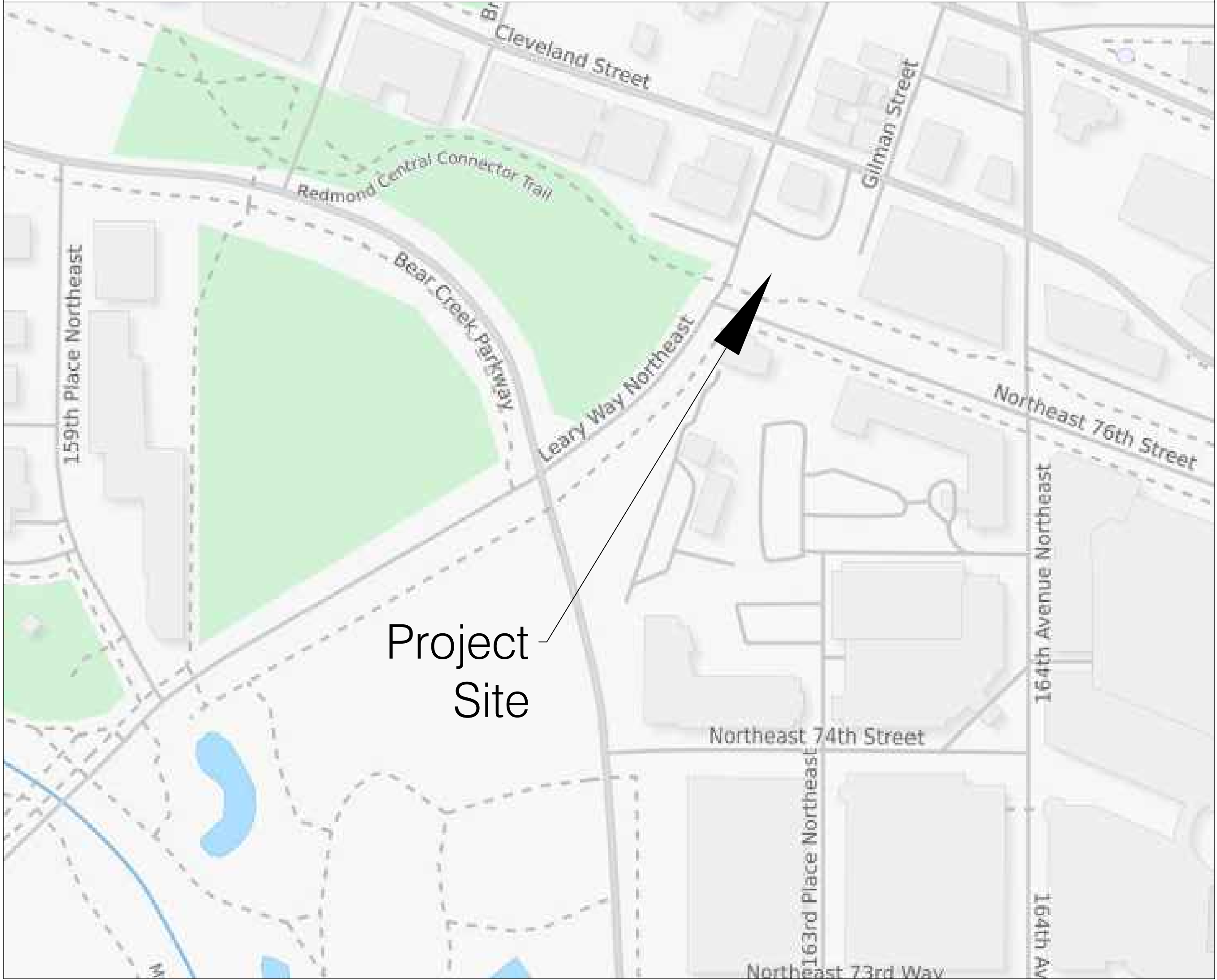
SHEET: OF:
14 14

DRAWING NO.

LD-06

\\g:\projects\redmond central connector - small scale projects\gilman landing\drawings\bases\ccc-gilman landing-base.dwg 03/29/2016 12:21 PM by: Matt Martenson Filename: g:\projects\redmond central connector - small scale projects\gilman landing\drawings\bases\ccc-gilman landing-base.dwg

Vicinity Map



Property Information

Tax Parcel Number	112505-9146
Legal Description	PCL 1 REDMOND BLA #L080129 REC #20080807900001 SD BLA BEING LOTS 1 THRU 4 BLOCK 1 TOWN OF REDMOND ADD TGW POR BN FORMERLY NP RR R/W OVER E 1/2 OF NE 1/4 OF NE 1/4 STR 11-25-05

Sheet List Table

Sheet Number	Sheet Title
L0.0	COVER SHEET
L1.0	SITE PLAN
L2.0	GRADING PLAN
L3.1	DETAILS
L3.2	DETAILS
L4.0	PLANTING PLAN
L5.5	IRRIGATION PLAN
C1.0	STORMWATER POLLUTION PREVENTION PLAN

NOT INCLUDED
THIS DRAFT SET

Contacts

Name	Role	Organization	Phone	Email
Guy Michaelsen	Landscape Architect	Berger Partnership	(206) 325-6877	guym@bergerpartnership.com
Matt Martenson	Landscape Architect Project Manager	Berger Partnership	(206) 325-6877	mattm@bergerpartnership.com
Dave Tuckek	Park Operations Manager / Owner Construction Contact	City of Redmond	(425) 556-2318	dtuckek@redmond.gov
Laurie Pfarr	Civil Engineer	LPD Engineering	(206) 725-1211	info@lpdengineering.com

APPROVED FOR CONSTRUCTION

Linda E. De Bold, P.E.
Director of Public Works
City of Redmond

Date: _____

Plan Chk Engr: _____

Storm: _____

Utility: _____

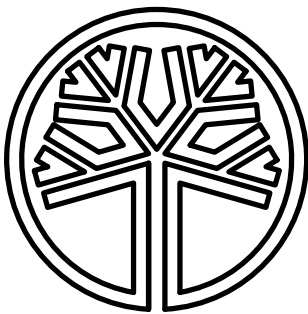
Fire: _____

Trans / Engr: _____

Planning: _____

This approval is for the design concept only. These plans appear to be in conformance with the City Of Redmond design standards for construction. This approval shall not be construed as authorizing construction not in accordance with applicable City standards. The City reserves the right to require revisions to the approved plans to assure conformance with City of Redmond design standards for construction at any time that it is discovered that the proposed construction does not otherwise meet the applicable construction standards. The owner is required to provide design and plans in accordance with applicable City standards and assures that construction is accomplished in accordance with those standards. The owner and/or design engineer and/or developer may be required to make necessary approved field revisions to correct any errors or omissions found on the approved plan.

Gilman Landing
City of Redmond



STATE OF
WASHINGTON
LICENSED
LANDSCAPE ARCHITECT

GUY MICHAELSEN

LICENSE NO. 730

EXPIRES ON: 2/12/2017

SET TYPE:

Permit

SET ISSUE DATE:

3/29/2016

REVISIONS:

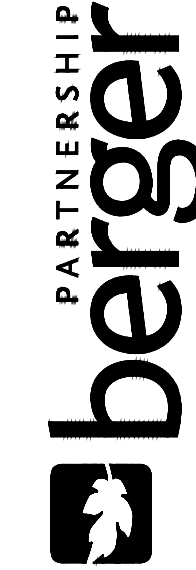
DRAWN/CHECKED:

MM/M

SHEET NAME:
COVER SHEET

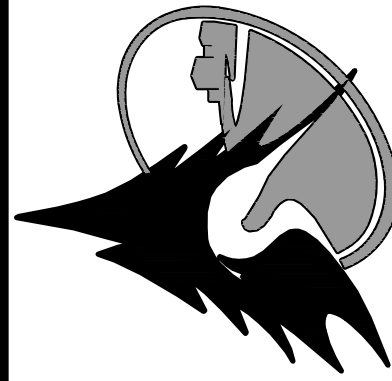
SHEET NUMBER:

L0.0



206 325 6877
bergerpartnership.com

1721 8th Ave N
Seattle, WA 98109



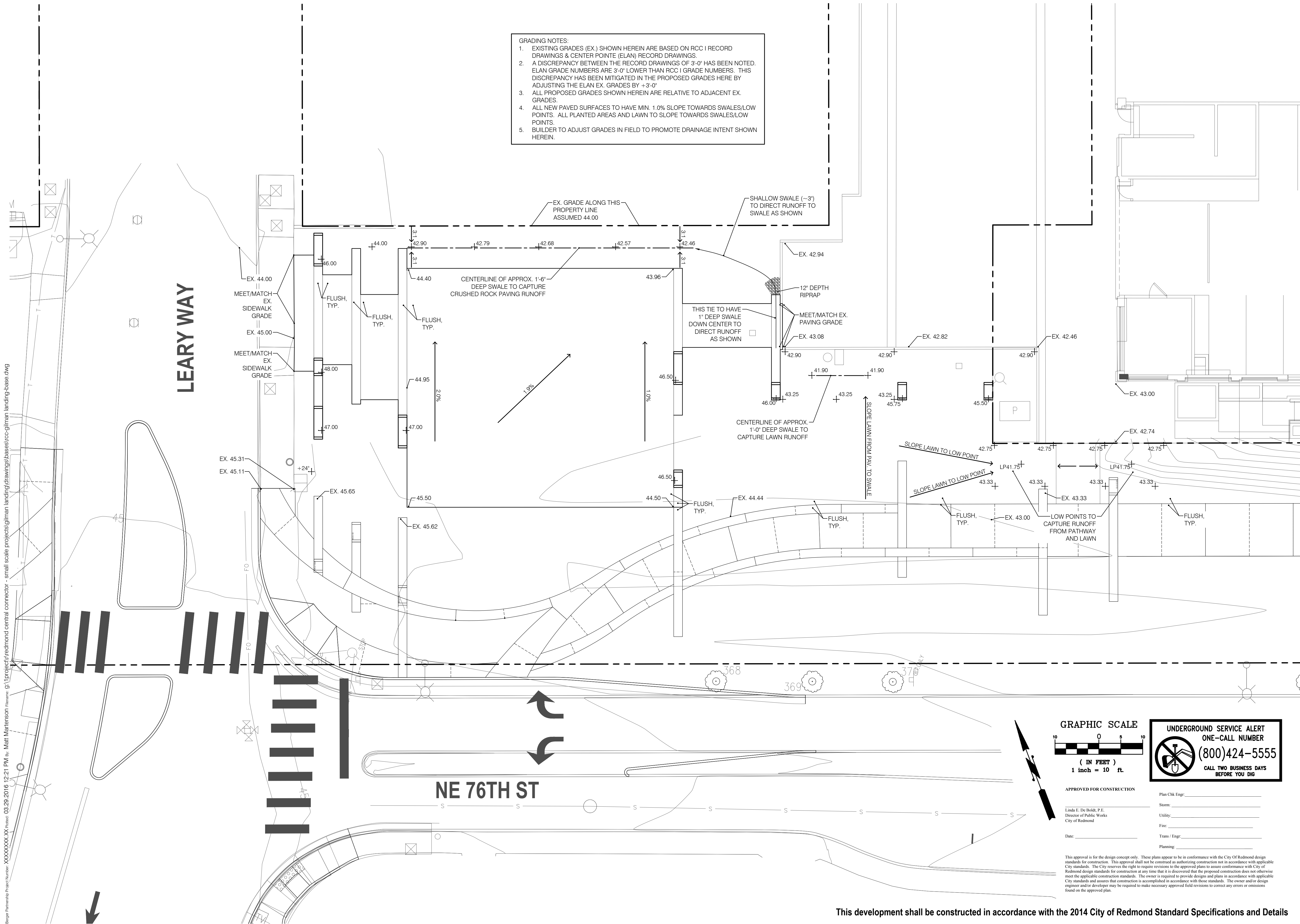
City of Redmond
WASHINGTON

Leary Way & NE 176th

This development shall be constructed in accordance with the 2014 City of Redmond Standard Specifications and Details

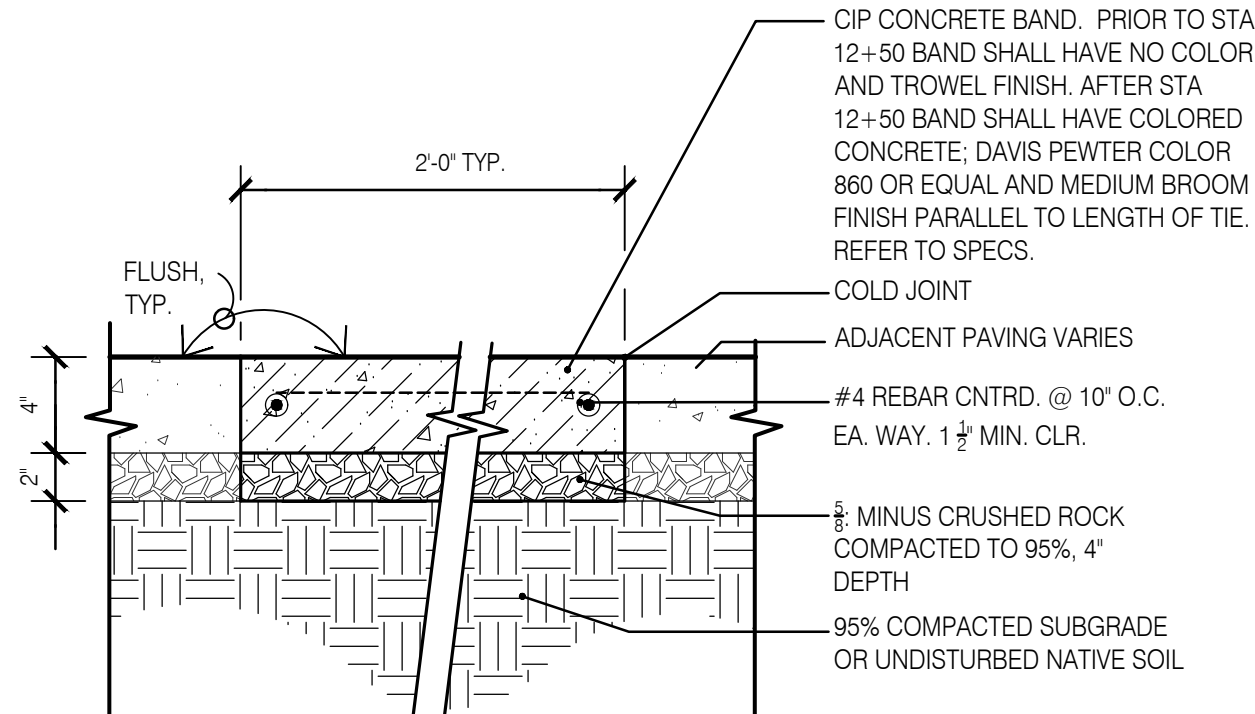


Barger Partnership Project Number: XXXXXXXX.XX Plotted: 03/29/2016 12:21 PM By: Matt Martenson Filename: g:\project\redmond\central connector - small scale projects\gilman landing\drawings\bases\gcc-gilman landing-base.dwg



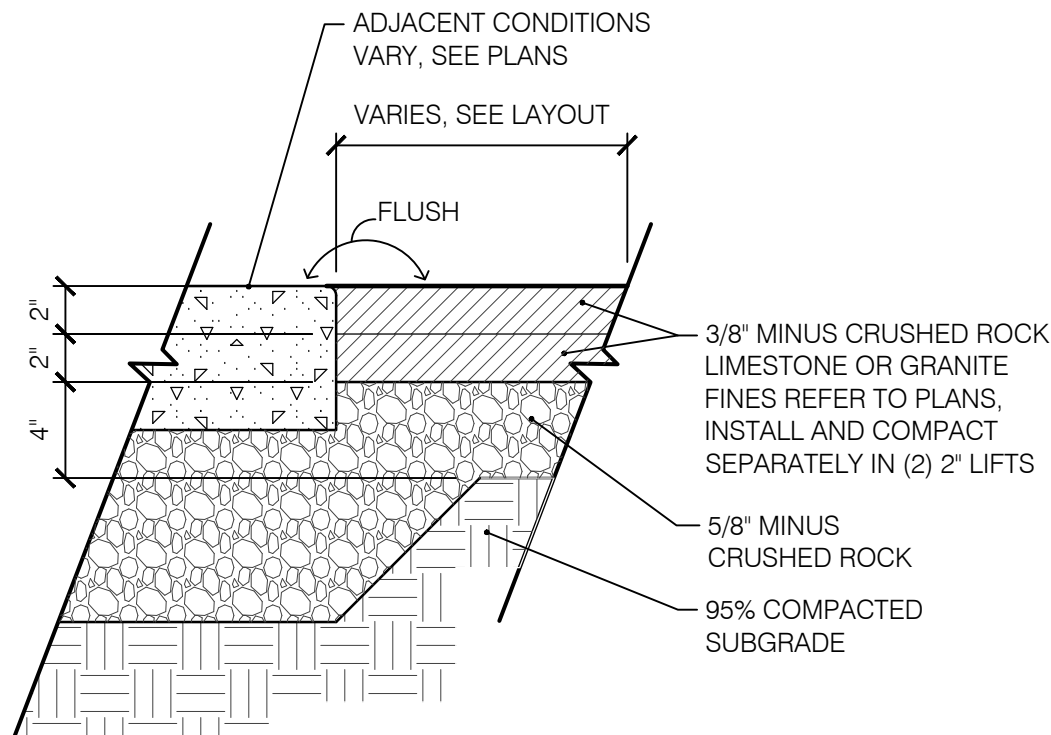
This development shall be constructed in accordance with the 2014 City of Redmond Standard Specifications and Details

Berger Partnership Project Number: XXXXXXXX-XX Title: 03/29/2016 12:21 PM by: Matt Martenson Filename: g:\1\project\redmond central connector - small scale projects\gilman landing\drawings\bases\ccc-gilman landing-base.dwg



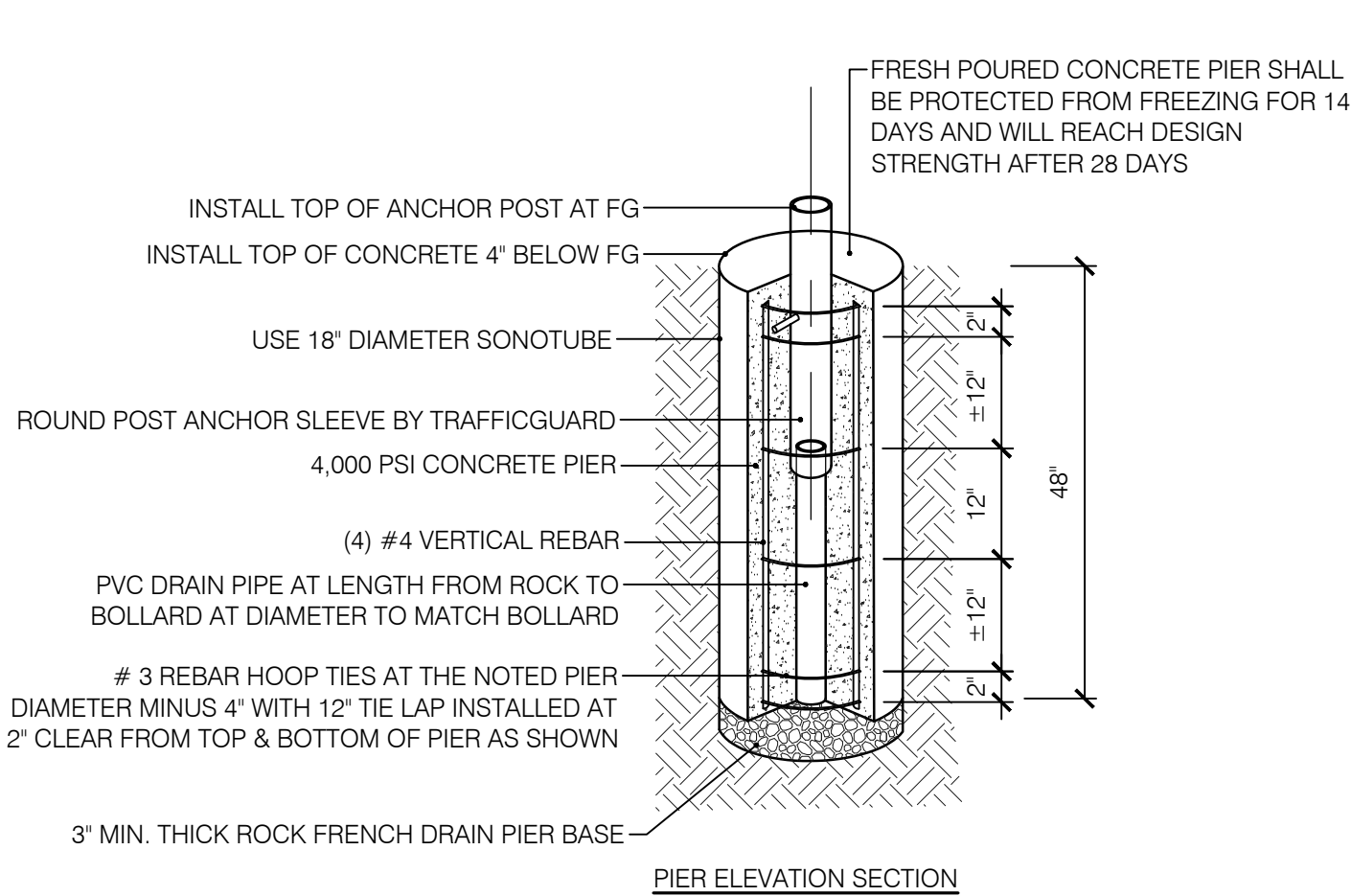
1 C.I.P. CONC. BAND - FLUSH

SCALE: 1 1/2" = 1'-0"



2 CRUSHED ROCK PAVING

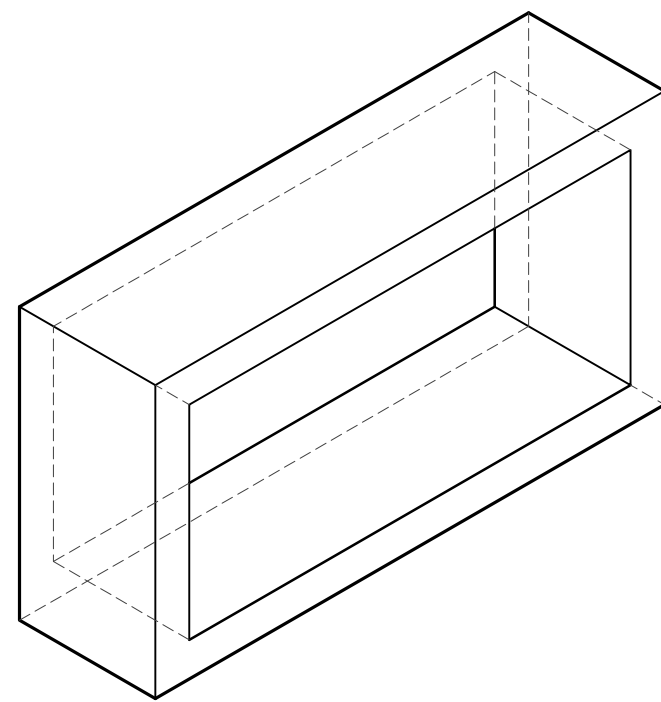
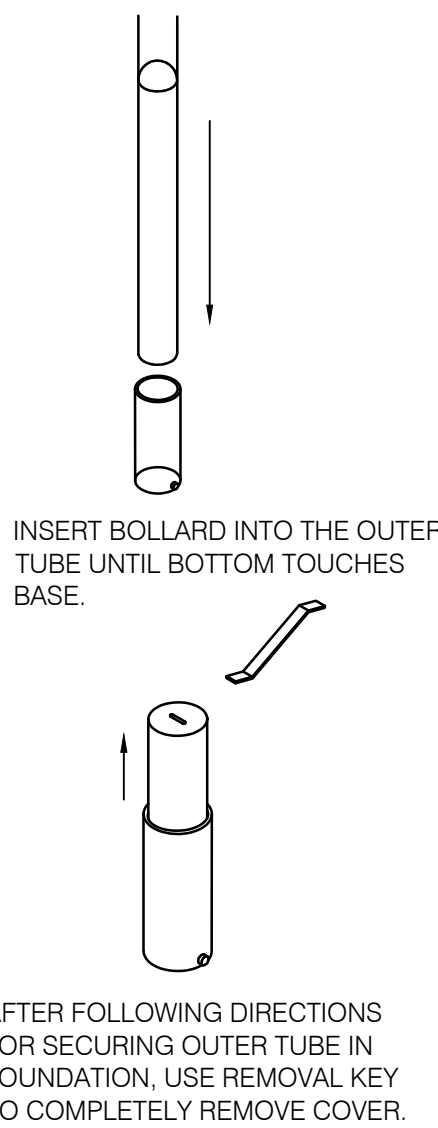
SCALE: 1 1/2" = 1'-0"



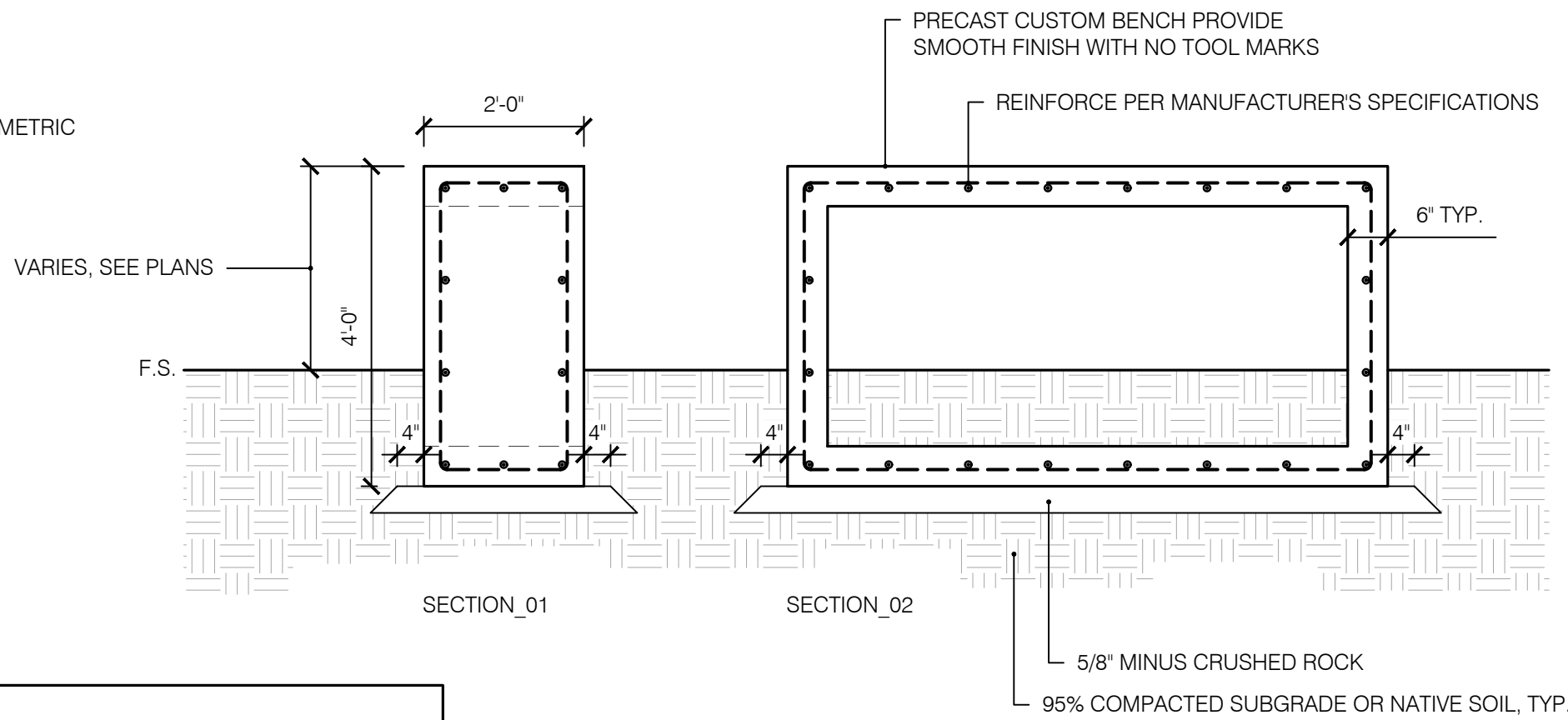
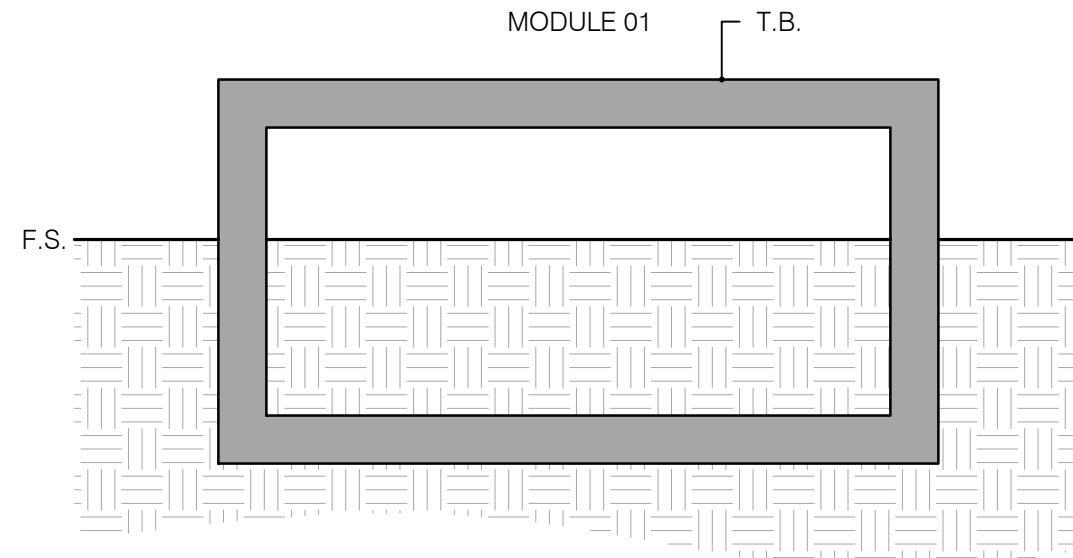
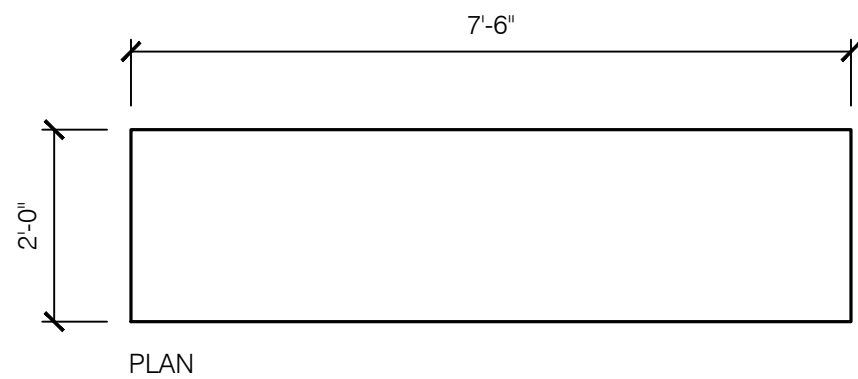
NOTE: BOLLARD TO BE TRAFFIC GUARD POST TOP LOCK 4.5" DIA. REMOVABLE BOLLARD - 36" HEIGHT. MODEL TL 1004R. COLOR: DARK BRONZE. CONTACT: LEAH AT TRAFFIC GUARD DIRECT, INC. 877-727-7347. INSTALL PER MFG RECS. UNLESS NOTED OTHERWISE.

3 REMOVEABLE BOLLRD

SCALE: 1" = 1'-0"



ILLUSTRATIVE AXONOMETRIC

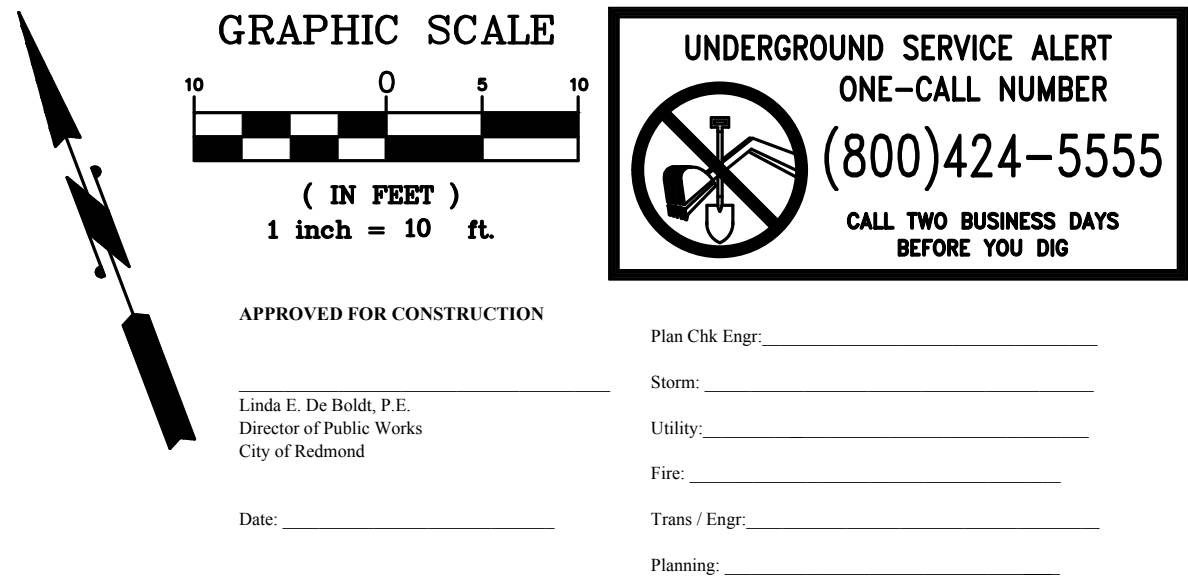
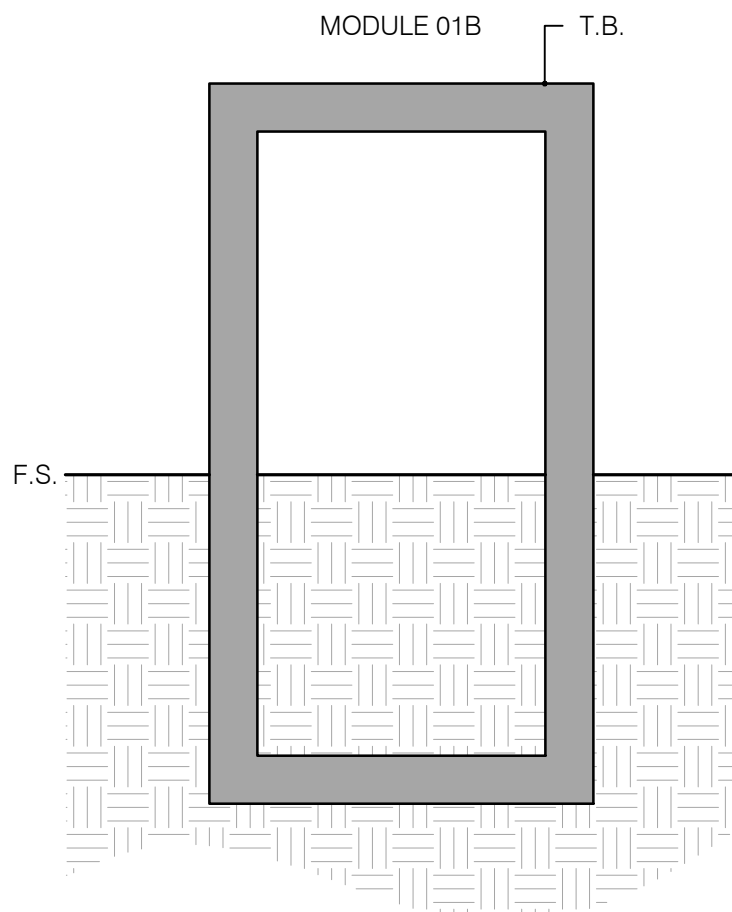


NOTE:
FOR FABRICATION AND COST CONTACT OLYMPIAN
PRECAST, PHONE NUMBER: (425) 868-1922.

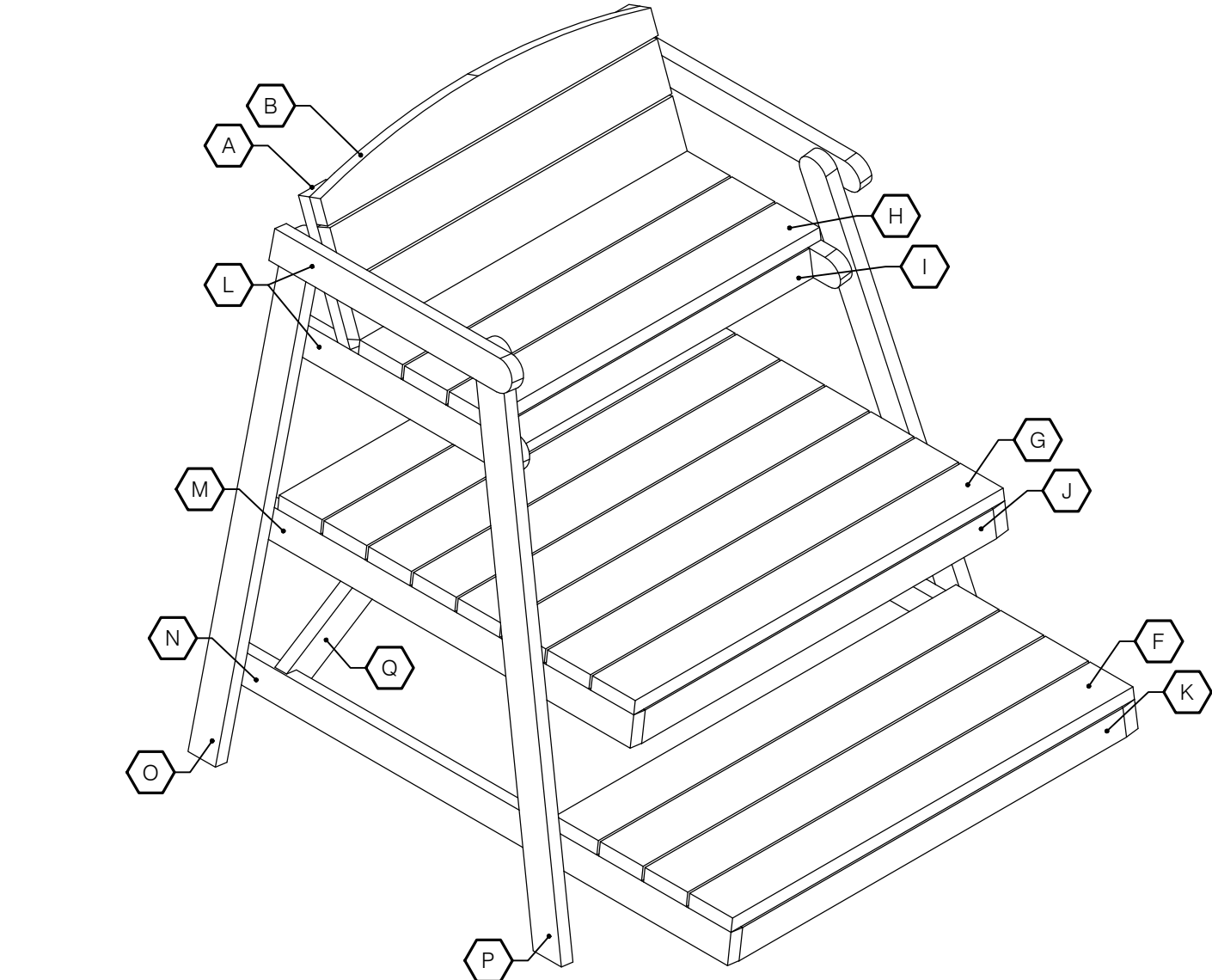
4 BENCH MODULE TYPE 1

SCALE: 1/2" = 1'-0"

INSTALLATION DIAGRAMS



1. 2X4 NOM. (ACTUAL 3.5" x 1.5") & 2X6 NOM. (ACTUAL 5.5" x 1.5") WOOD SPECIES AND GRADE TBD.
2. WOOD FINISH TBD.
3. FASTENERS/NAILS/SCREWS TBD.



ISO-BACK



0 5



Plan Chk Error:

Storm:

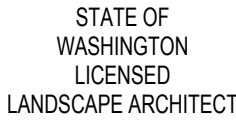
Utility:

Fire:

Trans / Engr:

Planning: _____

This approval is for the design as depicted only. These plans appear to be in conformance with the City of Redmond design standards for construction. This approval shall not be construed as authorizing construction not in accordance with applicable City standards. The City reserves the right to require revisions to the approved plans to assure conformance with City of Redmond design standards for construction at any time that it is discovered that the proposed construction does not otherwise meet the applicable construction standards. The owner is required to provide designs and plans in accordance with applicable City standards and assures that construction is accomplished in accordance with those standards. The owner and/or design engineer and/or developer may be required to make necessary approved field revisions to correct any errors or omissions found on the approved plan.



g:\projects\redmond central connector - small scale projects\gilman landing\drawings\bases\cc-gilman landing-base.dwg
03/29/2016 12:21 PM by: Matt Martenson
XXXXXX.XX
Burger Partnership Project Number: XXXXXXXX.XX
Revised: 03/29/2016 12:21 PM by: Matt Martenson

PLANT LIST		
QTY	LATIN NAME / COMMON NAME	SIZE
53	ACER CIRCINATUM / VINE MAPLE 3 STEM MIN.	5-6 HT.
29	CORNUS SANGUINEA 'CATO' / ARCTIC SUN DOGWOOD	1 GAL.
25	HELICTOTRICHON SEMPERVIRENS / BLUE OAT GRASS	1 GAL.
44	JUNCUS EFFUSUS / COMMON RUSH	4" POT
14	LAVANDULA X INTERMEDIA 'FRED BUTIN' / ENGLISH LAVENDER	1 GAL.
79	LONICERA PILEATA / PRIVET HONEYSUCKLE	1 GAL.
41	MOLINIA CAERULEA / PURPLE MOOR GRASS	1 GAL.
45	PENNISETUM ALOPECUROIDES 'HAMELN' / DWARF FOUNTAIN GRASS	1 GAL.
43	RUDBECKIA HIRTA / BLACK EYED SUSAN	1 GAL.
46	SALIX X PURPUREA 'NANA' / DWARF ARCTIC WILLOW	2 GAL.
3	THUJA PLICATA 'EXCELSA' / EXCELSA CEDAR	6-8' HT.

- PLANTING AND SOIL PREPARATION NOTES:
- ALL PLANTING AREAS TO RECEIVE 12" DEPTH TOPSOIL & 3" DEPTH MULCH
 - ALL LAWN AREAS TO RECEIVE 12" DEPTH TOPSOIL
 - PLANTING AND LAWN AREAS SHALL BE PREPARED AS FOLLOWS:
 - ROUGH GRADE SITE TO ACHIEVE SUBGRADE DEPTHS. SUBGRADE DEPTHS ARE -1'-3" FOR PLANTING AREAS AND -1'-0" FOR LAWN AREAS.
 - ROTOTILL PLANTING AREA AND LAWN AREA SUBGRADE TO A 12" TO 18" DEPTH TO RESTORE SOIL PERCOLATION AND FUNCTION.
 - PLACE HALF (6") DEPTH TOPSOIL AND ROTOTILL TO 9" TO 12" DEPTH.
 - PLACE REMAINING TOPSOIL.
 - PLACE 3" DEPTH MULCH IN PLANTING AREAS AFTER PLANTING.
 - ALL LAWN AND PLANTING AREAS SHALL RECIEVE FULLY AUTOMATIC IRRIGATION (REFER TO IRRIGATION PLAN)

6-8' HT. | THUJA PLICATA 'EXCELSA' / EXCELSA CEDAR
1 GAL. | ACER CIRCINATUM / VINE MAPLE
5" O.C. | VINE MAPLE

1 GAL. | MOLINIA CAERULEA / PURPLE MOOR GRASS
2" O.C. | PURPLE MOOR GRASS
1 GAL. | CORNUS SANGUINEA 'CATO' / ARCTIC SUN DOGWOOD
30" O.C. | ARCTIC SUN DOGWOOD

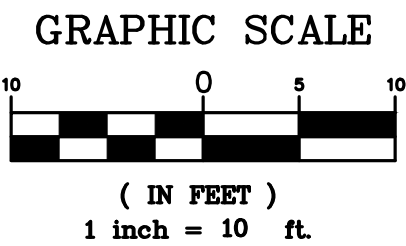
1 GAL. | HELICTOTRICHON SEMPERVIRENS / BLUE OAT GRASS
2" O.C. | BLUE OAT GRASS
1 GAL. | LAVANDULA X INTERMEDIA 'FRED BUTIN' / ENGLISH LAVENDER
2" O.C. | ENGLISH LAVENDER
1 GAL. | RUDBECKIA HIRTA / BLACK EYED SUSAN
2" O.C. | BLACK EYED SUSAN
1 GAL. | PENNISETUM ALOPECUROIDES 'HAMELN' / DWARF FOUNTAIN GRASS
2" O.C. | DWARF FOUNTAIN GRASS

1 GAL. | LONICERA PILEATA / PRIVET HONEYSUCKLE
30" O.C. | PRIVET HONEYSUCKLE
2 GAL. | SALIX X PURPUREA 'NANA' / DWARF ARCTIC WILLOW
4" O.C. | DWARF ARCTIC WILLOW
4" POT | JUNCUS EFFUSUS / COMMON RUSH
2" O.C. | COMMON RUSH

LAWN, TYP.

APPROXIMATE LIMIT OF EXISTING PLANTING

NE 76TH ST



APPROVED FOR CONSTRUCTION

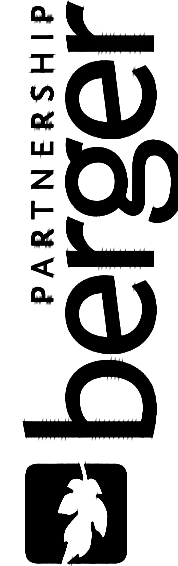
Linda E. De Bold, P.E.
Director of Public Works
City of Redmond

Date:

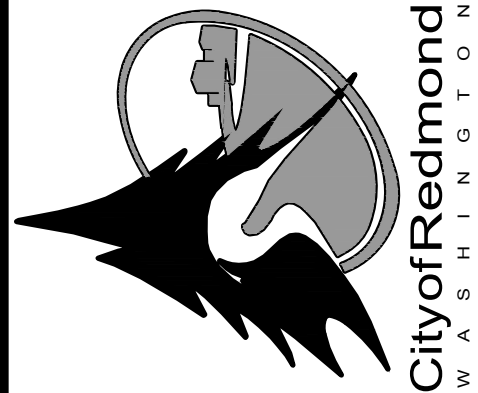
Plan Chk/ Engr: _____
Storm: _____
Utility: _____
Fire: _____
Trans / Engr: _____
Planning: _____

This approval is for the design concept only. These plans appear to be in conformance with the City Of Redmond design standards for construction. This approval shall not be construed as authorizing construction not in accordance with applicable City standards. The City reserves the right to require revisions to the approved plans to assure conformance with City of Redmond design standards for construction at any time that it is discovered that the proposed construction does not otherwise meet the applicable construction standards. The owner is required to provide design and plans in accordance with applicable City standards and assures that construction is accomplished in accordance with those standards. The owner and/or design engineer and/or developer may be required to make necessary approved field revisions to correct any errors or omissions found on the approved plan.

This development shall be constructed in accordance with the 2014 City of Redmond Standard Specifications and Details



1721 8th Ave N
Seattle, WA 98109
206.325.6877
bergerpartnership.com



Gilman Landing
City of Redmond



STATE OF WASHINGTON
LICENSED
LANDSCAPE ARCHITECT

GUY MICHAELSEN
LICENSE NO. 730
EXPIRES ON: 2/12/2017

SET TYPE:
Permit

SET ISSUE DATE:
3/29/2016

REVISIONS:

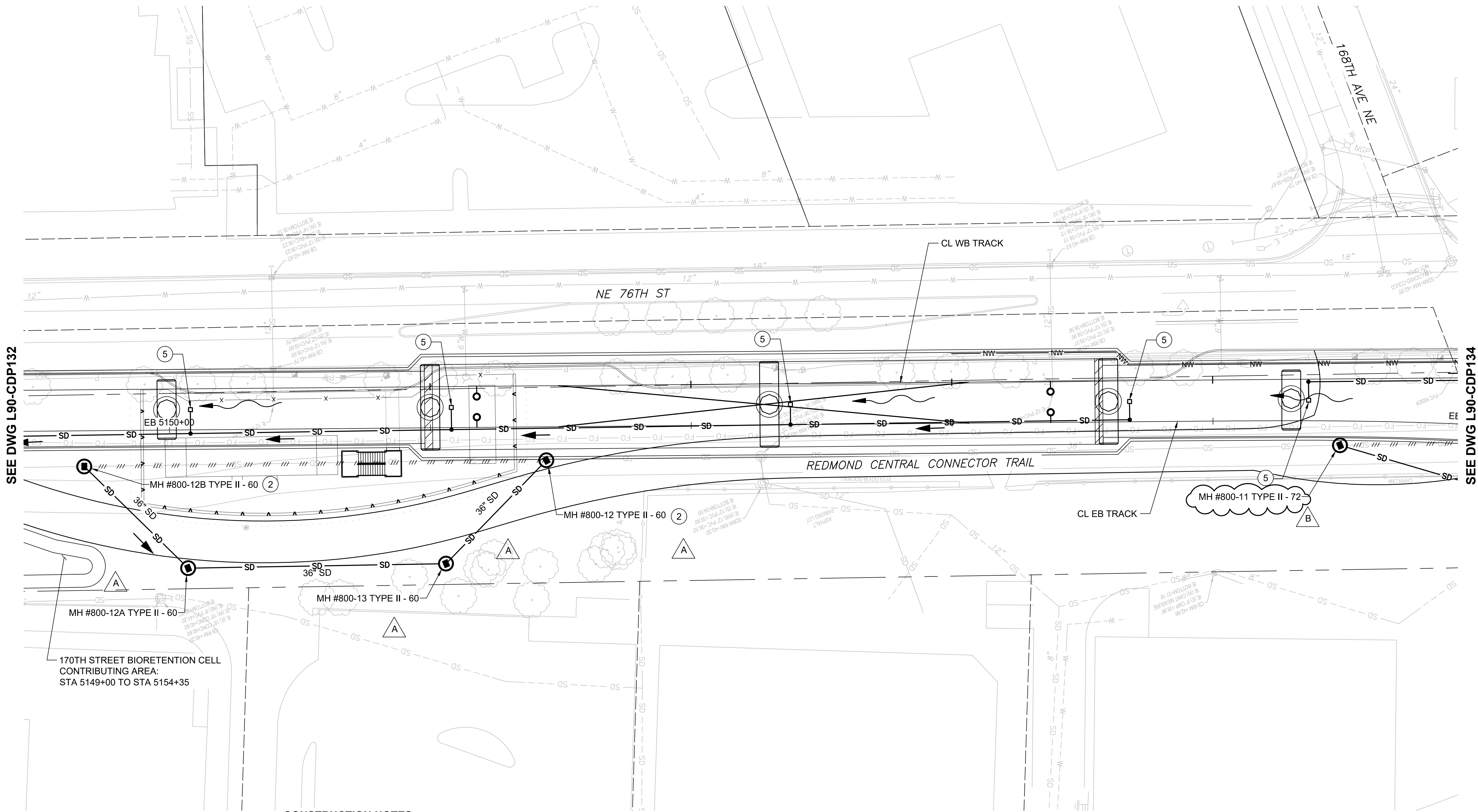
DRAWN/CHECKED:
MM/M

SHEET NAME:
PLANTING PLAN

SHEET NUMBER:

L4.0

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMF20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards



SEE DWG L90-CDP132

SEE DWG L90-CDP134

- NOTES:**
- SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
 - ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.

- CONSTRUCTION NOTES:**
- CONNECT TO EXISTING STORM DRAIN STRUCTURE.
 - CONNECT TO EXISTING STORM DRAIN PIPE.
 - PROTECT EXISTING STORM DRAIN FACILITY.
 - ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
 - INSTALL AERIAL GUIDEWAY DRAIN.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

No.	DATE	DSN	CHK	APP	REVISION
A	02/01/19	MMS	BFP	BFP	ADDENDUM #6 - REVISION FOR TPSS #3
B	03/08/19	MMS	BFP	BFP	ADDENDUM #11 - STORM SIZES REVISION

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
09/24/2018

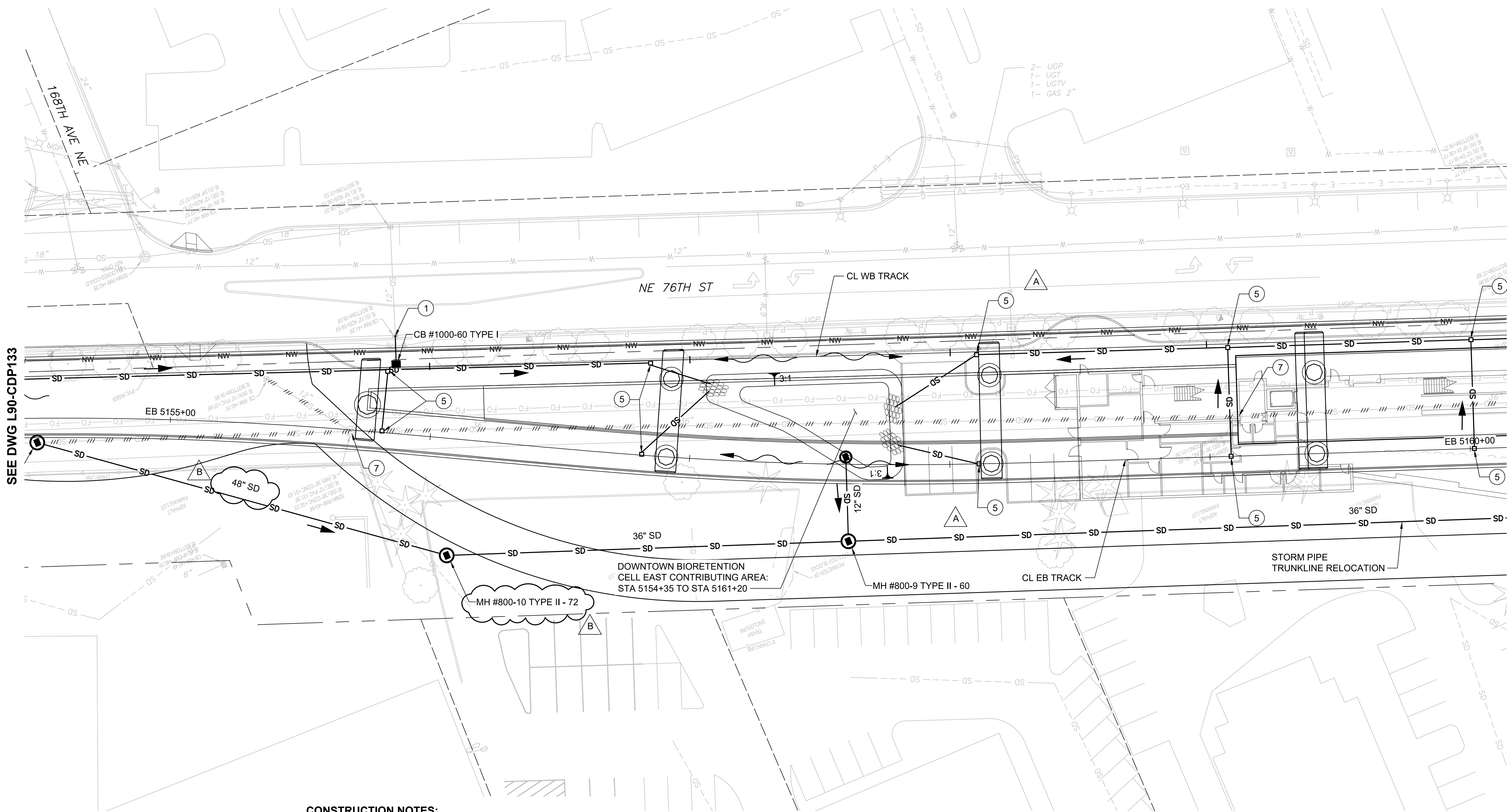
DOWNTOWN REDMOND LINK EXTENSION RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5150+00 TO EB STA 5155+00

DRAWING No.:
L90-CDP133
LOCATION ID:
SHEET No.:
209
REV:
B

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSP
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards



SEE DWG L90-CDP133

SEE DWG L90-CDP135

CONSTRUCTION NOTES:

1. CONNECT TO EXISTING STORM DRAIN STRUCTURE.
2. CONNECT TO EXISTING STORM DRAIN PIPE.
3. PROTECT EXISTING STORM DRAIN FACILITY.
4. ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
5. INSTALL AERIAL GUIDEWAY DRAIN.
7. REMOVE EXISTING CATCH BASIN.

NOTES:

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.

CONCEPTUAL DESIGN

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
09/24/2018

DOWNTOWN REDMOND LINK EXTENSION RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5155+00 TO EB STA 5160+00

DRAWING No.:
L90-CDP134
LOCATION ID:
SHEET No.: 210
REV: B

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VWG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VWG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L90--VWG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100

SEE DWG L90-CDP134

SEE DWG L90-CDP136

- NOTES:**
- SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
 - ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.

- CONSTRUCTION NOTES:**
- CONNECT TO EXISTING STORM DRAIN STRUCTURE.
 - CONNECT TO EXISTING STORM DRAIN PIPE.
 - PROTECT EXISTING STORM DRAIN FACILITY.
 - ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
 - INSTALL AERIAL GUIDEWAY DRAIN.
 - REMOVE EXISTING CATCH BASIN.

CONCEPTUAL DESIGN

FINAL

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS
DATE:
09/24/2018
REVIEWED BY:

LINE IS 1" AT
FULL SCALE



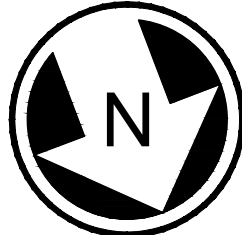
SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100T0162
CONTRACT No.:
CN 0148-18
DATE:
09/24/2018

**DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND**

REFERENCE

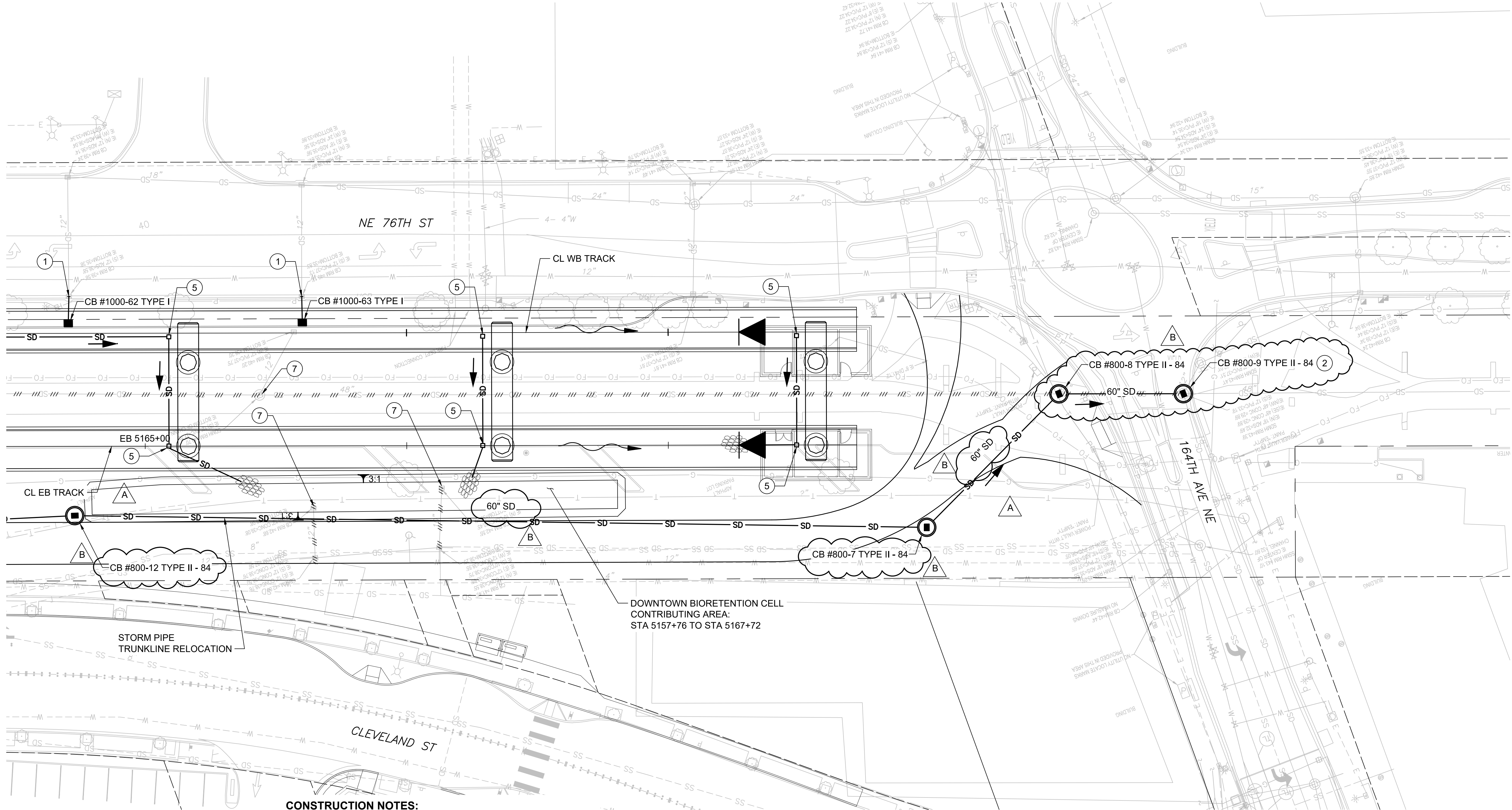
CIVIL
DRAINAGE PLAN
EB STA 5160+00 TO EB STA 5165+00

DRAWING No.:
L90-CDP135
LOCATION ID:
SHEET No.:
211
REV:



Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSP
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards

SEE DWG L90-CDP135



CONSTRUCTION NOTES:

1. CONNECT TO EXISTING STORM DRAIN STRUCTURE.
2. CONNECT TO EXISTING STORM DRAIN PIPE.
3. PROTECT EXISTING STORM DRAIN FACILITY.
4. ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
5. INSTALL AERIAL GUIDEWAY DRAIN.
7. REMOVE EXISTING CATCH BASIN.

NOTES:

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
09/24/2018

DOWNTOWN REDMOND LINK EXTENSION RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5165+00 TO EB STA 5167+72

DRAWING No.:
L90-CDP136
LOCATION ID:
SHEET No.: 212
REV: B

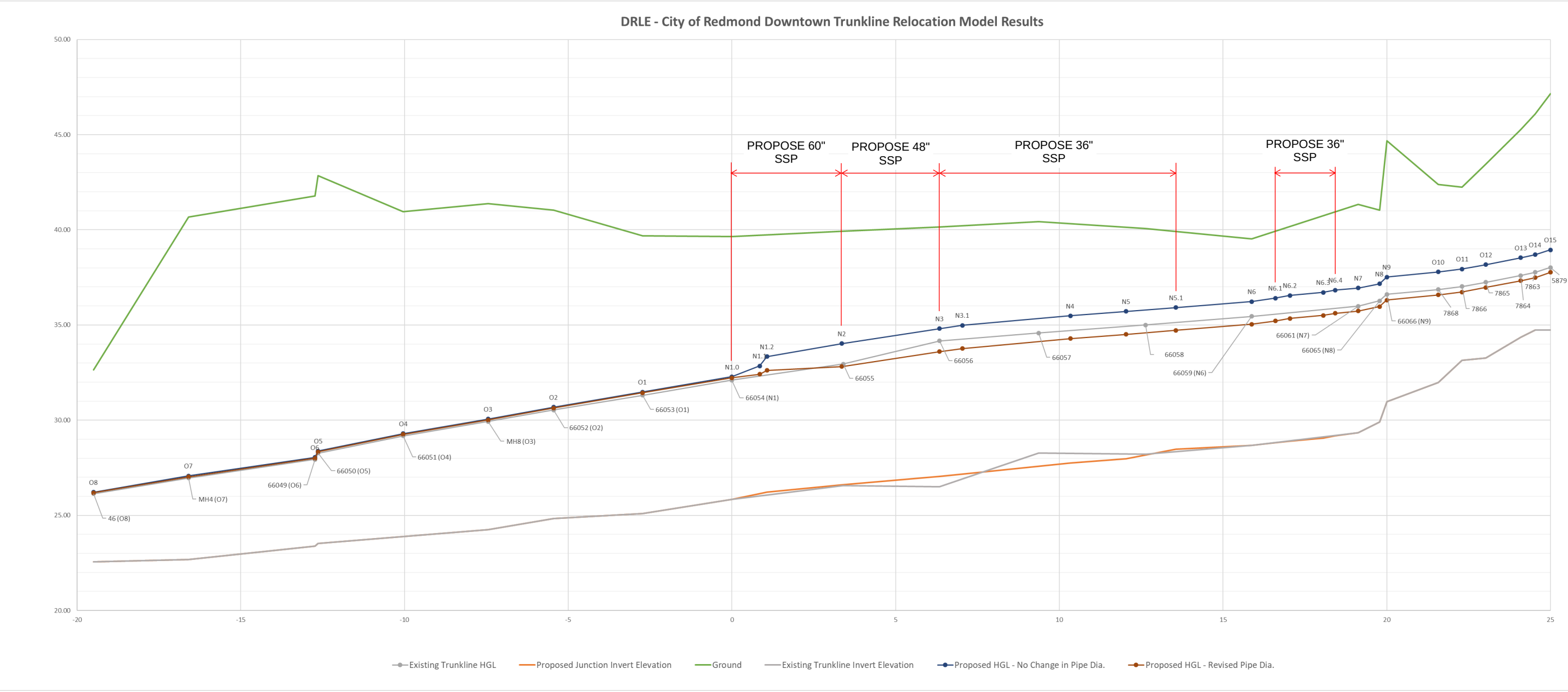
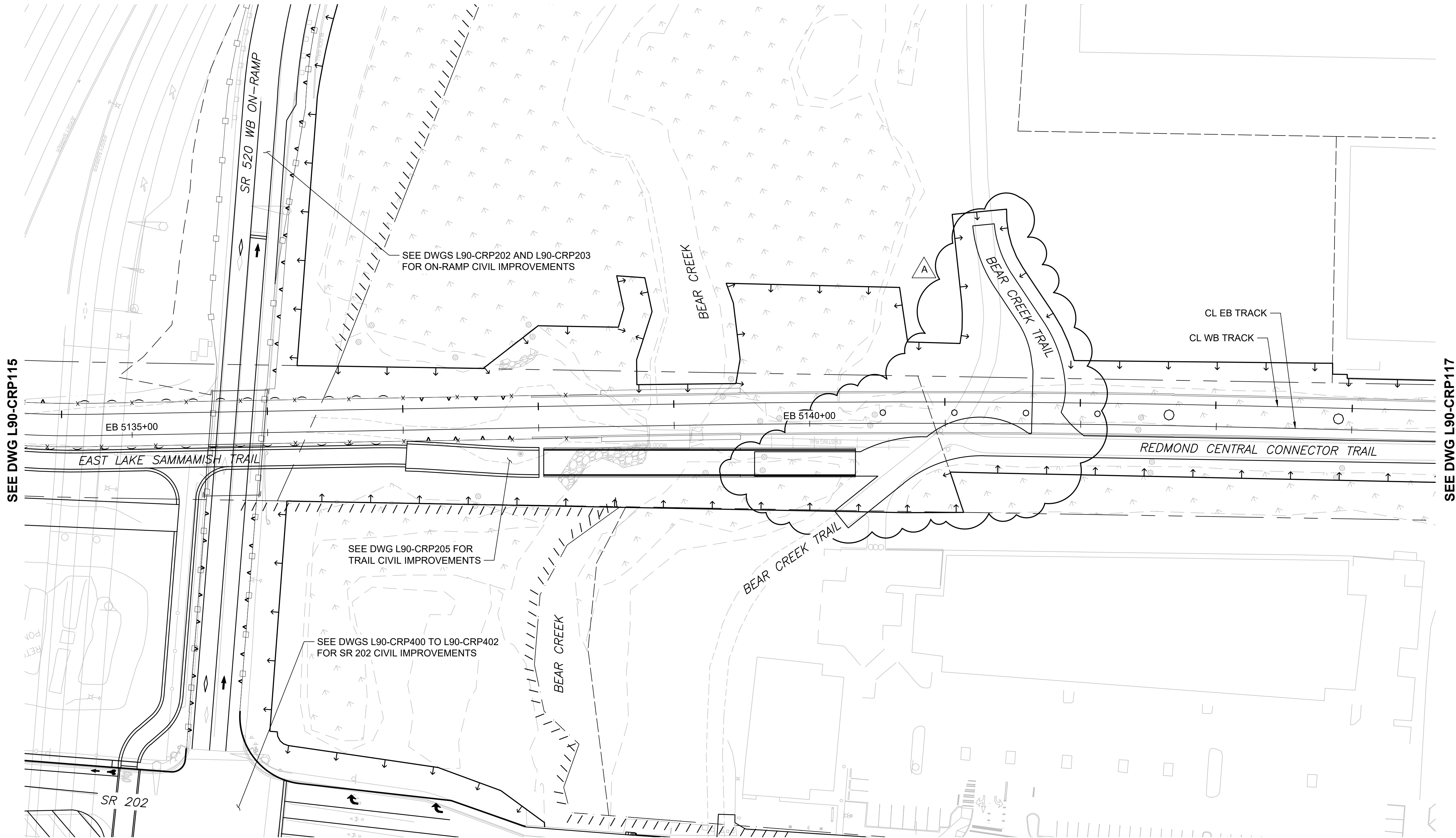


Figure 1. Hydraulic Grade Line of Existing and Proposed Trunkline

NOT TO SCALE

Xrefs:
RLE--GB--TB22x34
CIVIL_LEGEND
xRLE--L90--SEP100
xRLE--L90--SWP100
xRLE--L90--CRP100
xRLE--L90--KAP100
xRLE--L90--CDP100
xE360--RLE--LBB--KAP10
xE360--RLE--LBB--SWP10
xE360--RLE--R31--USP10
xE360--RLE--E27--CMP20
xE360--RLE--E27--CSF20
xE360--RLE--E27--LHP10
xRLE--GIS--VSF
xRLE--L95--VSF
xRLE--L90--VSF
xRLE--L90--VRK
xRLE--L90--VCN
xRLE--L95--VUT
xRLE--GIS--VUT
xRLE--L90--VUT
xRLE--L90--CLP200
xRLE--L90--CWP100
xRLE--E31--LPP100
xRLE--E29--LPP100
xRLE--E29--ASP100
xRLE--E31--ASP100



CIVIL/ROADWAY NOTES:

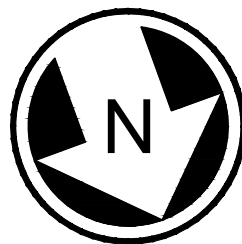
- 1 CEMENT CONCRETE CURB AND GUTTER
- 2 CONCRETE SIDEWALK
- 3 ADA CURB RAMP
- 4 DRIVEWAY APPROACH
- 5 PLANTING STRIP
- 6 GUARDRAIL/CONCRETE BARRIER

EVALUATION LIMITS:

- 1 ADA
- 2 ILLUMINATION
- 3 PAVING

GENERAL NOTES:

1. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS AND SIGNAL BUNGALOW SITES, STORMWATER FACILITIES, STATIONS, AND GARAGE.
2. CIVIL RETAINING WALLS, STRUCTURES, NOISE WALLS, AND FENCING ARE SHOWN AS A CONCEPTUAL LAYOUT.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. STUMPF
DRAWN BY:
D. DIMOCK
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 40'
FILENAME:
RLE-L90-CRP100T0119
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

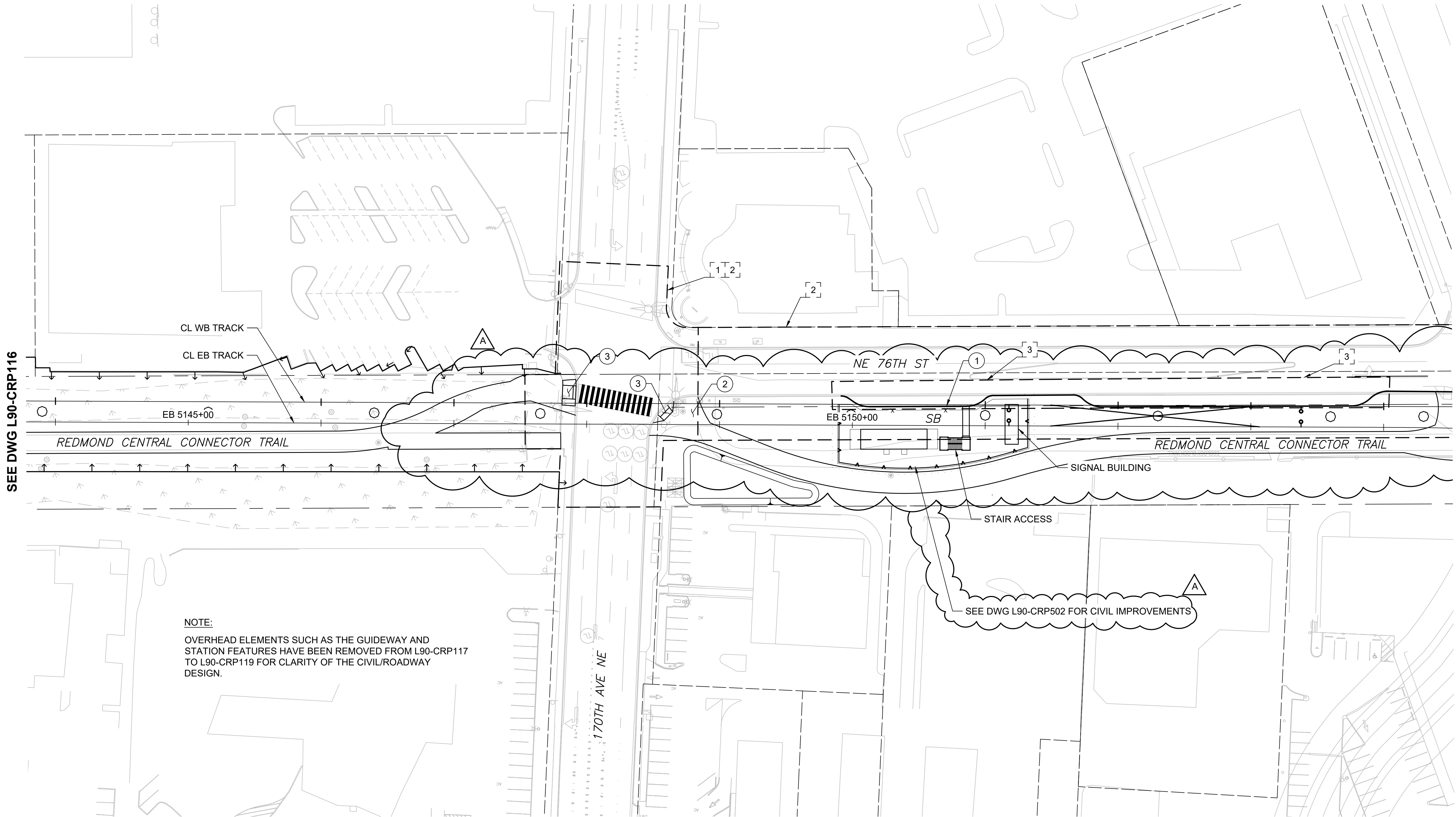
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

PRESCRIPTIVE

CIVIL
CORRIDOR MODIFICATION PLAN
EB STA 5135+00 TO EB STA 5144+50

DRAWING No.:
L90-CRP116
LOCATION ID:
SHEET No.: 158
REV: A

Xrefs:
RLE--GB--TB22x34
CIVIL_LEGEND
xRLE--L90--SEP100
xRLE--L90--SWP100
xRLE--L90--CRP100
xRLE--L90--KAP100
xRLE--L90--CDP100
xE360--RLE--LBB--KAP100
xE360--RLE--LBB--SWP100
xE360--RLE--R31--USP100
xE360--RLE--E27--CMP200
xE360--RLE--E27--CSF200
xE360--RLE--E27--LHP100
xRLE--GIS--VSF
xRLE--L95--VSF
xRLE--L90--VSF
xRLE--L90--VRK
xRLE--L90--VCN
xRLE--L95--VUT
xRLE--GIS--VUT
xRLE--L90--VUT
xRLE--L90--CLP200
xRLE--L90--CWP100
xRLE--E31--LPP100
xRLE--E29--LPP100
xRLE--E29--ASP100
xRLE--E31--ASP100



NOTE:
OVERHEAD ELEMENTS SUCH AS THE GUIDEWAY AND STATION FEATURES HAVE BEEN REMOVED FROM L90-CRP117 TO L90-CRP119 FOR CLARITY OF THE CIVIL/ROADWAY DESIGN.

CIVIL/ROADWAY NOTES:

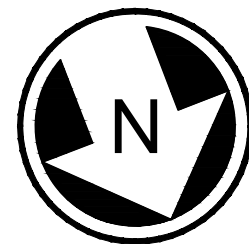
- 1 CEMENT CONCRETE CURB AND GUTTER
- 2 CONCRETE SIDEWALK
- 3 ADA CURB RAMP
- 4 DRIVEWAY APPROACH
- 5 PLANTING STRIP
- 6 GUARDRAIL/CONCRETE BARRIER

EVALUATION LIMITS:

- 1 ADA
- 2 ILLUMINATION
- 3 PAVING

GENERAL NOTES:

- ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS AND SIGNAL BUNGALOW SITES, STORMWATER FACILITIES, STATIONS, AND GARAGE.
- CIVIL RETAINING WALLS, STRUCTURES, NOISE WALLS, AND FENCING ARE SHOWN AS A CONCEPTUAL LAYOUT.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. STUMPF
DRAWN BY:
D. DIMOCK
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 40'
FILENAME:
RLE-L90-CRP100T0119
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

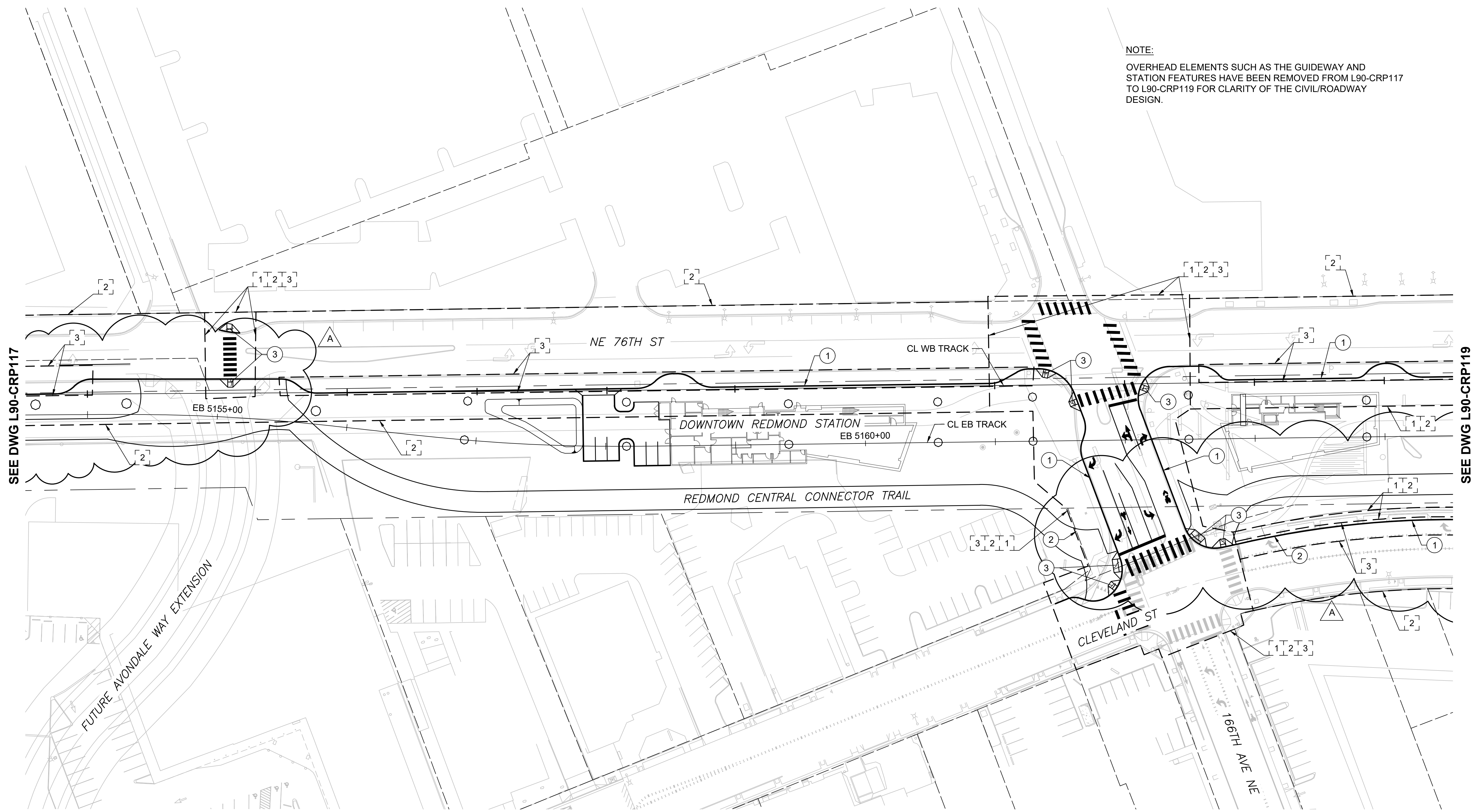
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

PRESCRIPTIVE

CIVIL
CORRIDOR MODIFICATION PLAN
EB STA 5144+50 TO EB STA 5154+00

DRAWING No.:
L90-CRP117
LOCATION ID:
SHEET No.:
159
REV:
A

Xrefs:
RLE--GB--TB22x34
CIVIL_LEGEND
xRLE--L90--SEP100
xRLE--L90--SWP100
xRLE--L90--CRP100
xRLE--L90--KAP100
xRLE--L90--CDP100
xE360--RLE--LBB--KAP100
xE360--RLE--LBB--SWP100
xE360--RLE--R31--USP100
xE360--RLE--E27--CMP200
xE360--RLE--E27--CSF200
xE360--RLE--E27--LHP100
xRLE--GIS--VSF
xRLE--L95--VSF
xRLE--L90--VSF
xRLE--L90--VRK
xRLE--L90--VCN
xRLE--L95--VUT
xRLE--GIS--VUT
xRLE--L90--VUT
xRLE--L90--CLP200
xRLE--L90--CWP100
xRLE--E31--LPP100
xRLE--E29--LPP100
xRLE--E29--ASP100
xRLE--E31--ASP100



NOTE:
OVERHEAD ELEMENTS SUCH AS THE GUIDEWAY AND STATION FEATURES HAVE BEEN REMOVED FROM L90-CRP117 TO L90-CRP119 FOR CLARITY OF THE CIVIL/ROADWAY DESIGN.

CIVIL/ROADWAY NOTES:

- 1 CEMENT CONCRETE CURB AND GUTTER
- 2 CONCRETE SIDEWALK
- 3 ADA CURB RAMP
- 4 DRIVEWAY APPROACH
- 5 PLANTING STRIP
- 6 GUARDRAIL/CONCRETE BARRIER

EVALUATION LIMITS:

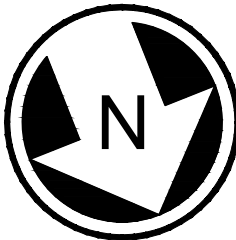
- 1 ADA
- 2 ILLUMINATION
- 3 PAVING

GENERAL NOTES:

- ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS AND SIGNAL BUNGALOW SITES, STORMWATER FACILITIES, STATIONS, AND GARAGE.
- CIVIL RETAINING WALLS, STRUCTURES, NOISE WALLS, AND FENCING ARE SHOWN AS A CONCEPTUAL LAYOUT.

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. STUMPF
DRAWN BY:
D. DIMOCK
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 40'
FILENAME:
RLE-L90-CRP100TO119
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

PRESCRIPTIVE

CIVIL
CORRIDOR MODIFICATION PLAN
EB STA 5154+00 TO EB STA 5164+00

DRAWING No.:
L90-CRP118
LOCATION ID:
SHEET No.:
160
REV:
A

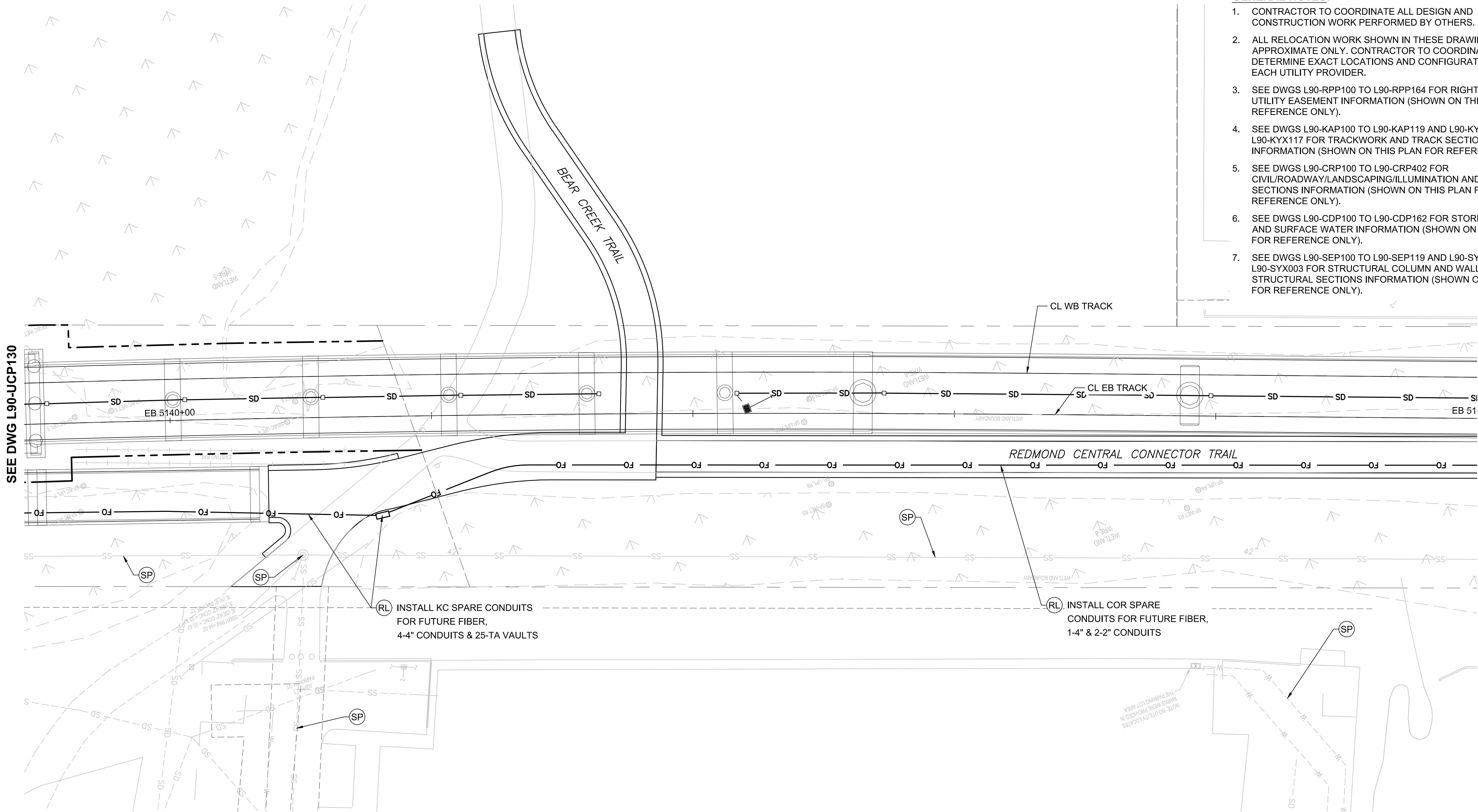
Xrefs:
RLE--GB--TB22x34
xRLE--L90--KAP100
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--UCP100
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--E31--ASP100
xRLE--E29--ASP100
xRLE--E29--LPP100
xRLE--L90--RHP100
xRLE--L90--CDP100

SEE DWG L90-UCP130

SEE DWG L90-UCP132

GENERAL NOTES:

1. CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
2. ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
3. SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
4. SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
5. SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
6. SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
7. SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).



EXISTING UTILITY INFORMATION:

1. THE LOCATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE AND WERE COMPILED FROM AVAILABLE INFORMATION PROVIDED BY PUBLIC AND PRIVATE UTILITY PROVIDERS, SOME FIELD SURVEY DATA, AND SITE OBSERVATIONS. THOUGH THIS COMPILATION REPRESENTS THE AVAILABLE INFORMATION OF EXISTING UTILITIES, THE INFORMATION PROVIDED HEREON MAY VARY FROM ACTUAL SIZES AND LOCATIONS.
2. THE CONTRACTOR SHALL CONDUCT THEIR OWN RESEARCH AND INVESTIGATIONS WHICH IN THEIR PROFESSIONAL OPINION ARE NECESSARY TO EVALUATE THE ACCURACY OF THIS INFORMATION IN ADVANCE OF CONSTRUCTION WORK AND SUBSURFACE PENETRATIONS PERFORMED SO AS TO PREVENT THE IMPACT TO UTILITY SYSTEMS AND THEIR CUSTOMERS. SUCH WORK SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF CARE.

- XX REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- XX WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- XX PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

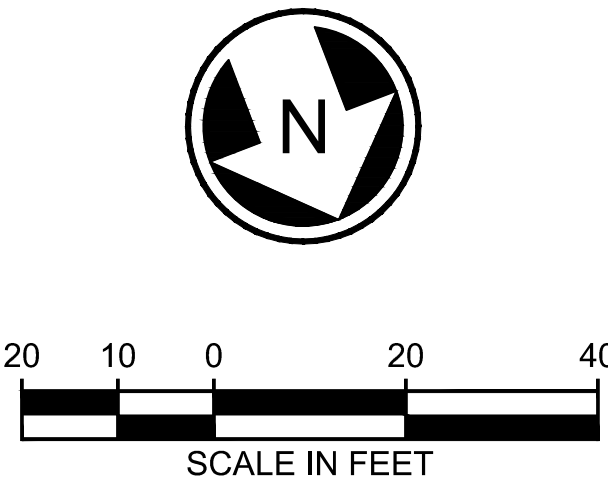
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

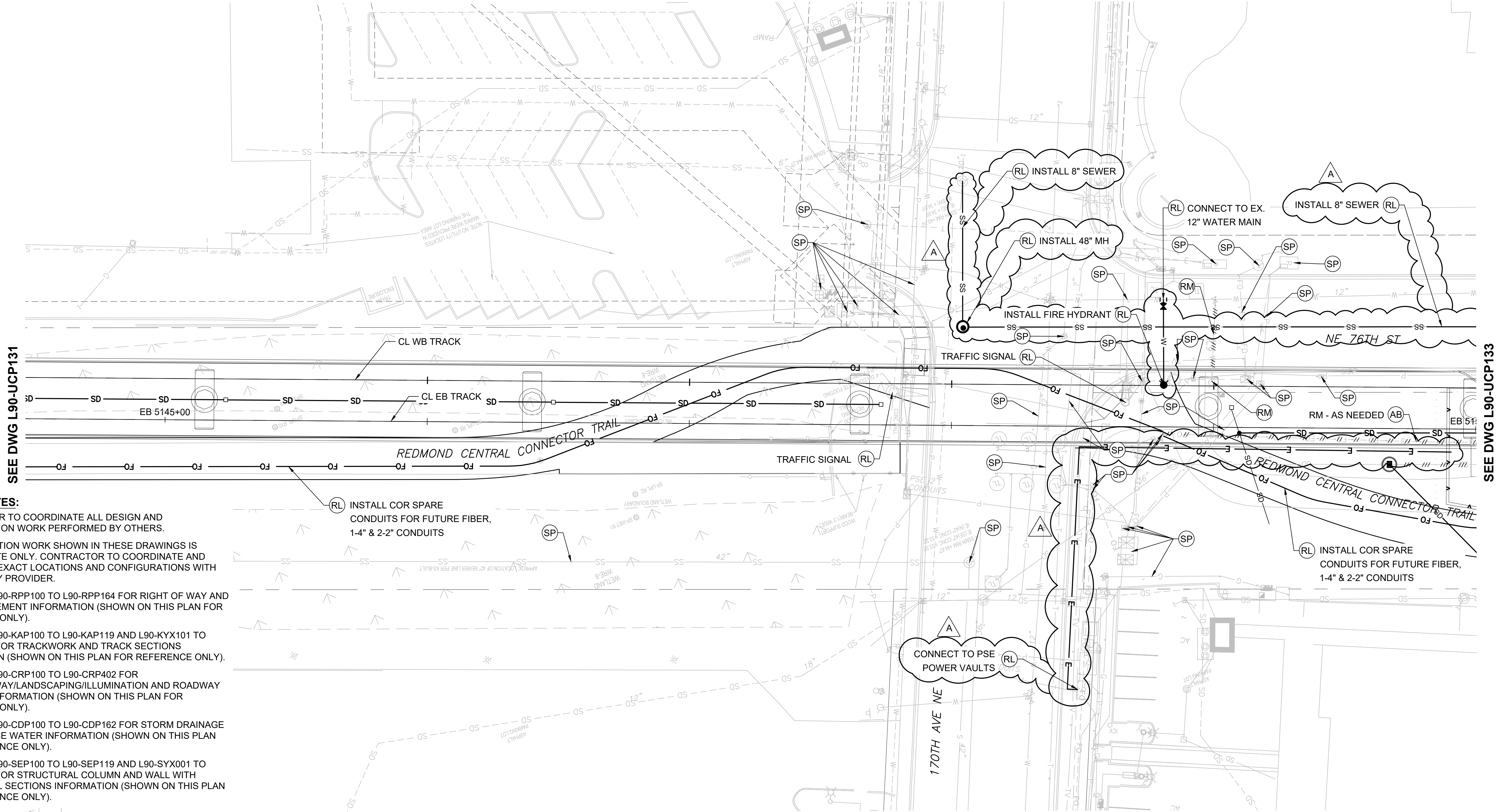
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5140+00 TO EB STA 5145+00

DRAWING No.:
L90-UCP131
LOCATION ID:
SHEET No.:
274
REV:

Xrefs:
RLE--GB--TB22x34
xRLE--L90--KAP100
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--UCP100
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--L95--VUT
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--E31--ASP100
xRLE--E29--ASP100
xRLE--E29--LPP100
xRLE--L90--RHP100
xRLE--L90--CDP100



GENERAL NOTES:

- CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
- ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
- SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).

EXISTING UTILITY INFORMATION:

- THE LOCATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE AND WERE COMPILED FROM AVAILABLE INFORMATION PROVIDED BY PUBLIC AND PRIVATE UTILITY PROVIDERS, SOME FIELD SURVEY DATA, AND SITE OBSERVATIONS. THOUGH THIS COMPILATION REPRESENTS THE AVAILABLE INFORMATION OF EXISTING UTILITIES, THE INFORMATION PROVIDED HEREON MAY VARY FROM ACTUAL SIZES AND LOCATIONS.
- THE CONTRACTOR SHALL CONDUCT THEIR OWN RESEARCH AND INVESTIGATIONS WHICH IN THEIR PROFESSIONAL OPINION ARE NECESSARY TO EVALUATE THE ACCURACY OF THIS INFORMATION IN ADVANCE OF CONSTRUCTION WORK AND SUBSURFACE PENETRATIONS PERFORMED SO AS TO PREVENT THE IMPACT TO UTILITY SYSTEMS AND THEIR CUSTOMERS. SUCH WORK SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF CARE.

- XX REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- XX WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- XX PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

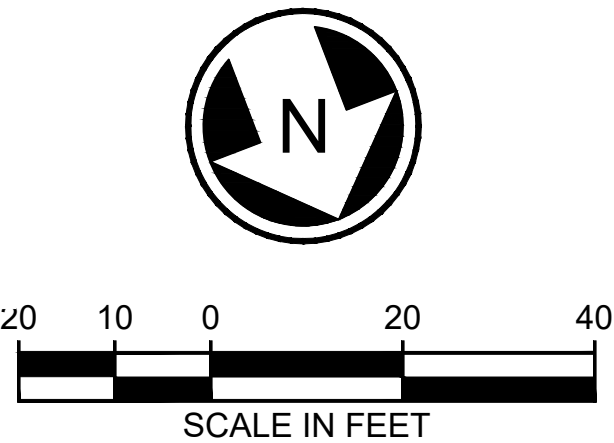
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

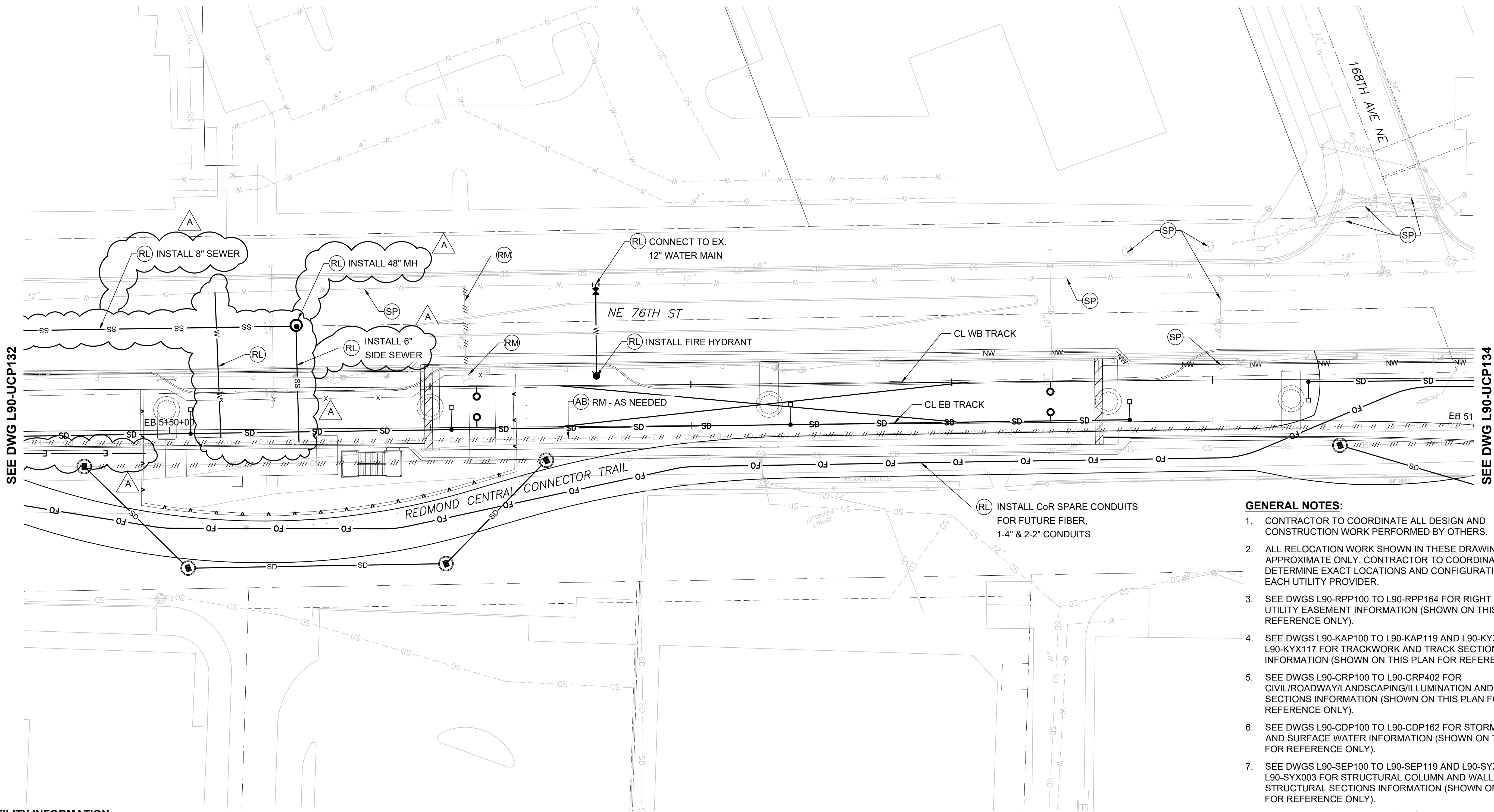
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5145+00 TO EB STA 5150+00

DRAWING No.:
L90-UCP132
LOCATION ID:
SHEET No.:
275
REV:
A

Xrefs:
RLE--GB--TB22x34
xRLE--L90--KAP100
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--UCP100
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--L95--VUT
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--E31--ASP100
xRLE--E29--ASP100
xRLE--E29--LPP100
xRLE--L90--RHP100
xRLE--L90--CDP100



SEE DWG L90-UCP132

SEE DWG L90-UCP134

- GENERAL NOTES:**
- CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
 - ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
 - SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 - SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 - SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 - SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 - SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).

EXISTING UTILITY INFORMATION:

- THE LOCATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE AND WERE COMPILED FROM AVAILABLE INFORMATION PROVIDED BY PUBLIC AND PRIVATE UTILITY PROVIDERS, SOME FIELD SURVEY DATA, AND SITE OBSERVATIONS. THOUGH THIS COMPILATION REPRESENTS THE AVAILABLE INFORMATION OF EXISTING UTILITIES, THE INFORMATION PROVIDED HEREON MAY VARY FROM ACTUAL SIZES AND LOCATIONS.
- THE CONTRACTOR SHALL CONDUCT THEIR OWN RESEARCH AND INVESTIGATIONS WHICH IN THEIR PROFESSIONAL OPINION ARE NECESSARY TO EVALUATE THE ACCURACY OF THIS INFORMATION IN ADVANCE OF CONSTRUCTION WORK AND SUBSURFACE PENETRATIONS PERFORMED SO AS TO PREVENT THE IMPACT TO UTILITY SYSTEMS AND THEIR CUSTOMERS. SUCH WORK SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF CARE.

- XX REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- XX WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- XX PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

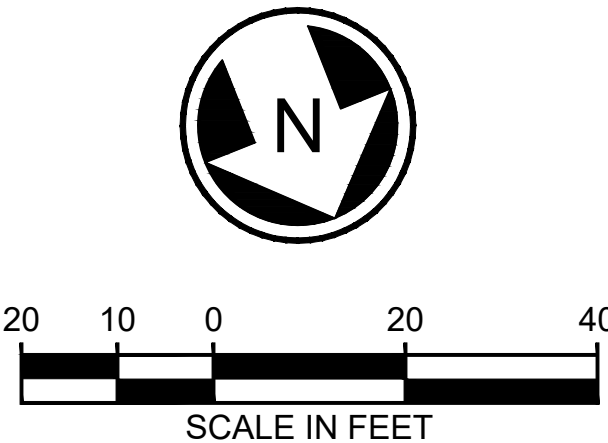
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS
DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

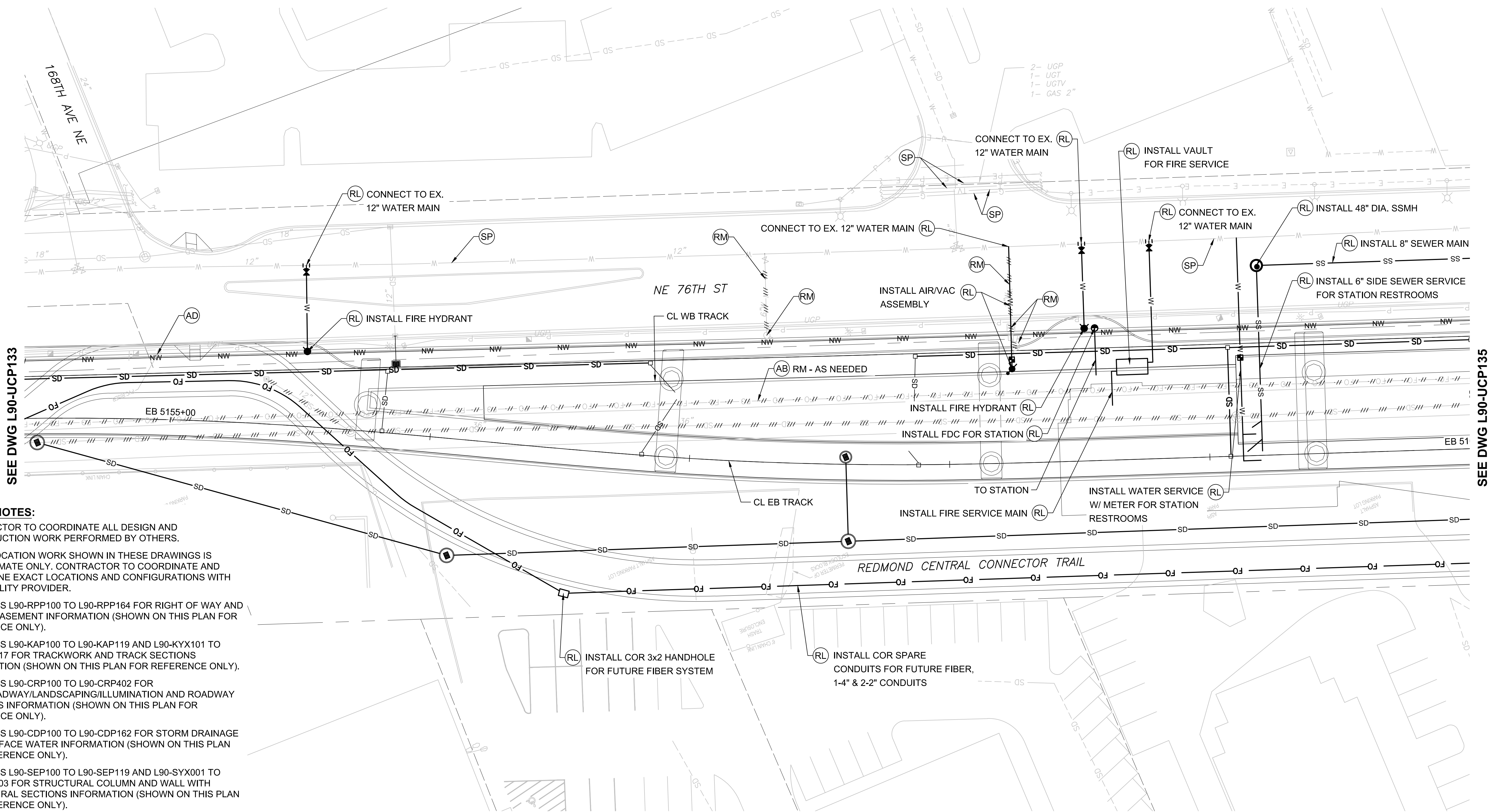
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5150+00 TO EB STA 5155+00

DRAWING No.:
L90-UCP133
LOCATION ID:
SHEET No.:
276
REV:
A

Xrefs:
RLE--GB--TB22x34
RLE--standards
xRLE--L90--KAP100
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--UCP100
xRLE--L90--VRY
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--E31--ASP100
xRLE--E29--ASP100
xRLE--E29--LPP100
xRLE--L90--RPP100
xRLE--L90--CDP100
xRLE--P29--APP305



GENERAL NOTES:

- CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
- ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
- SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).

EXISTING UTILITY INFORMATION:

- THE LOCATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE AND WERE COMPILED FROM AVAILABLE INFORMATION PROVIDED BY PUBLIC AND PRIVATE UTILITY PROVIDERS, SOME FIELD SURVEY DATA, AND SITE OBSERVATIONS. THOUGH THIS COMPILATION REPRESENTS THE AVAILABLE INFORMATION OF EXISTING UTILITIES, THE INFORMATION PROVIDED HEREON MAY VARY FROM ACTUAL SIZES AND LOCATIONS.
- THE CONTRACTOR SHALL CONDUCT THEIR OWN RESEARCH AND INVESTIGATIONS WHICH IN THEIR PROFESSIONAL OPINION ARE NECESSARY TO EVALUATE THE ACCURACY OF THIS INFORMATION IN ADVANCE OF CONSTRUCTION WORK AND SUBSURFACE PENETRATIONS PERFORMED SO AS TO PREVENT THE IMPACT TO UTILITY SYSTEMS AND THEIR CUSTOMERS. SUCH WORK SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF CARE.

- XX REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- XX WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- XX PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

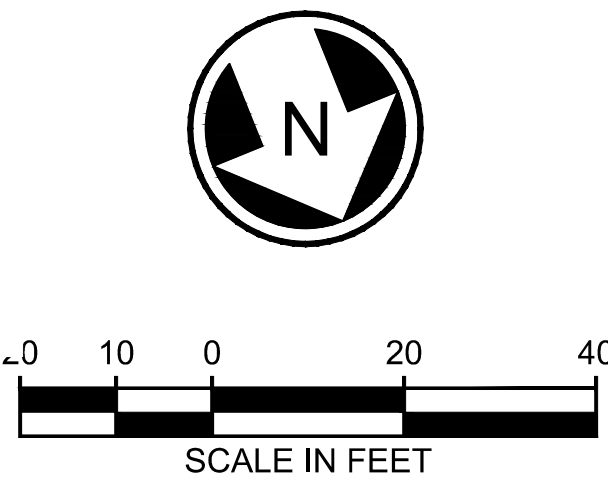
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS
DATE:
09/24/2018
REVIEWED BY:



SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5155+00 TO EB STA 5160+00

DRAWING No.:
L90-UCP134
LOCATION ID:
SHEET No.:
277
REV:

Xrefs:
RLE-GB-TB22x34
xRLE-L90-KAP100
xRLE-L90-SEP100
xRLE-L90-CRP100
xRLE-L90-SWP100
xRLE-L90-UCP100
xRLE-L90-VRY
xRLE-L90-VSF
xRLE-L90-VUT
xRLE-L95-VSF
xRLE-L95-VUT
xRLE-GIS-VSF
xRLE-GIS-VUT
xRLE-E31-ASP100
xRLE-E29-ASP100
xRLE-E29-LPP100
xRLE-L90-RHP100
xRLE-L90-CDP100

10/23/18 | 12:37 PM | TYLERJ
C:\USERS\PUBLIC\DOCUMENTS\TYLERJ\TPSS\SHAREPOINT\SOUNDTRANSIT\ORGB443\SITES\CAD\REDMOND LINK EXTENSION\PE\DRAWINGS\RLE-L90-UCP131\TO164.DWG

GENERAL NOTES:

- CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
- ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
- SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
- SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).

INSTALL COR SPARE
CONDUITS FOR FUTURE FIBER,
1-4" & 2-2" CONDUITS

- (XX) REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- (XX) WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- (XX) PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

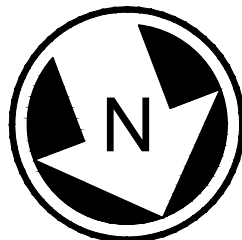
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

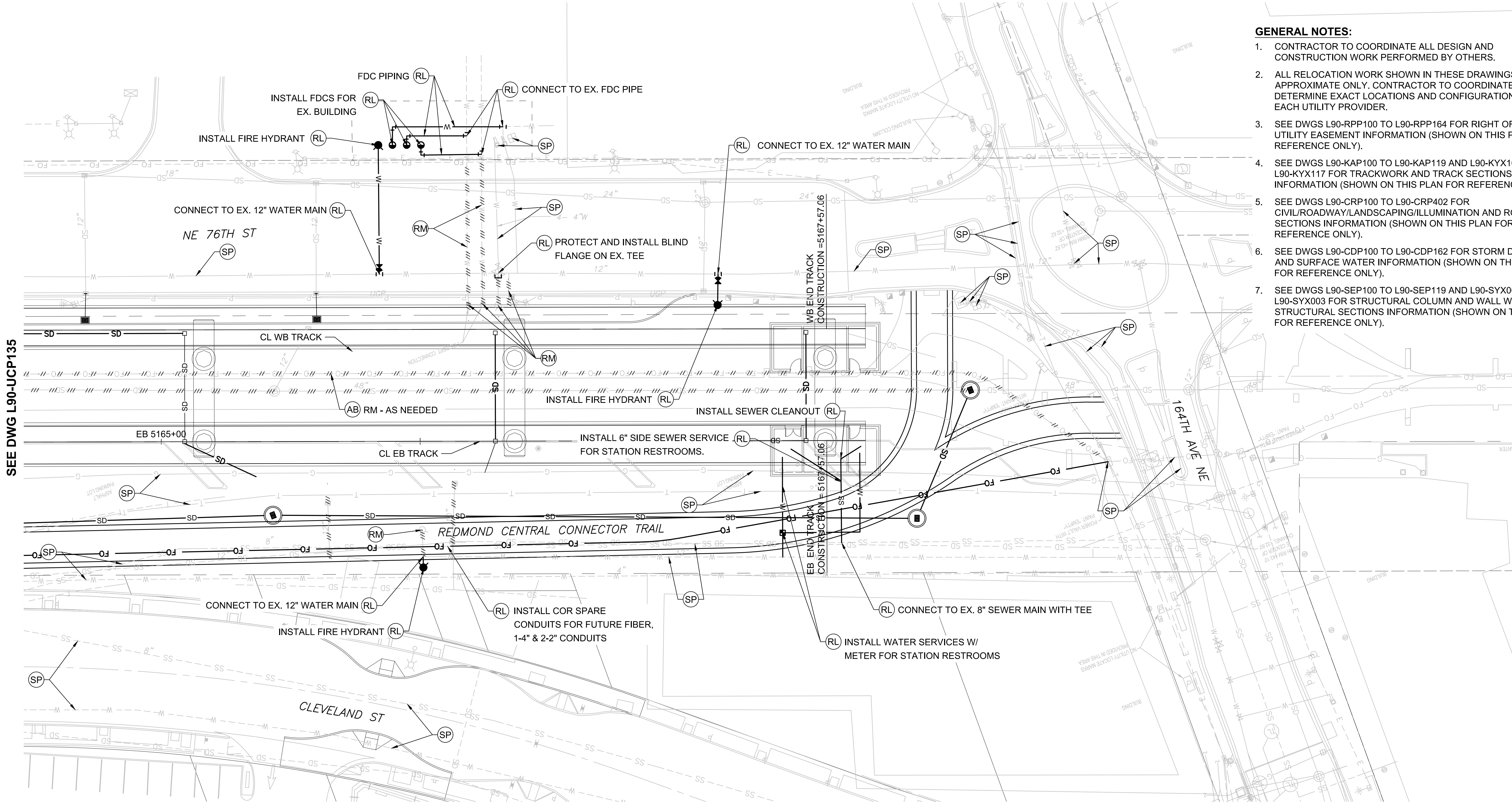
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5160+00 TO EB STA 5165+00

DRAWING No.:
L90-UCP135
LOCATION ID:
SHEET No.:
278
REV:

Xrefs:
RLE--GB--TB22x34
xRLE--L90--KAP100
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--UCP100
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--E31--ASP100
xRLE--E29--ASP100
xRLE--E29--LPP100
xRLE--L90--RHP100
xRLE--L90--CDP100



- GENERAL NOTES:**
1. CONTRACTOR TO COORDINATE ALL DESIGN AND CONSTRUCTION WORK PERFORMED BY OTHERS.
 2. ALL RELOCATION WORK SHOWN IN THESE DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR TO COORDINATE AND DETERMINE EXACT LOCATIONS AND CONFIGURATIONS WITH EACH UTILITY PROVIDER.
 3. SEE DWGS L90-RPP100 TO L90-RPP164 FOR RIGHT OF WAY AND UTILITY EASEMENT INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 4. SEE DWGS L90-KAP100 TO L90-KAP119 AND L90-KYX101 TO L90-KYX117 FOR TRACKWORK AND TRACK SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 5. SEE DWGS L90-CRP100 TO L90-CRP402 FOR CIVIL/ROADWAY/LANDSCAPING/ILLUMINATION AND ROADWAY SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 6. SEE DWGS L90-CDP100 TO L90-CDP162 FOR STORM DRAINAGE AND SURFACE WATER INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).
 7. SEE DWGS L90-SEP100 TO L90-SEP119 AND L90-SYX001 TO L90-SYX003 FOR STRUCTURAL COLUMN AND WALL WITH STRUCTURAL SECTIONS INFORMATION (SHOWN ON THIS PLAN FOR REFERENCE ONLY).

EXISTING UTILITY INFORMATION:

1. THE LOCATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE AND WERE COMPILED FROM AVAILABLE INFORMATION PROVIDED BY PUBLIC AND PRIVATE UTILITY PROVIDERS, SOME FIELD SURVEY DATA, AND SITE OBSERVATIONS. THOUGH THIS COMPILATION REPRESENTS THE AVAILABLE INFORMATION OF EXISTING UTILITIES, THE INFORMATION PROVIDED HEREON MAY VARY FROM ACTUAL SIZES AND LOCATIONS.
2. THE CONTRACTOR SHALL CONDUCT THEIR OWN RESEARCH AND INVESTIGATIONS WHICH IN THEIR PROFESSIONAL OPINION ARE NECESSARY TO EVALUATE THE ACCURACY OF THIS INFORMATION IN ADVANCE OF CONSTRUCTION WORK AND SUBSURFACE PENETRATIONS PERFORMED SO AS TO PREVENT THE IMPACT TO UTILITY SYSTEMS AND THEIR CUSTOMERS. SUCH WORK SHALL BE PERFORMED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF CARE.

- (XX) REFERENCE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR.
- (XX) WORK TO BE PERFORMED BY OTHERS (DESIGN-BUILD CONTRACTOR TO COORDINATE)
- (XX) PRESCRIPTIVE UTILITY WORK TO BE PERFORMED BY DESIGN-BUILD CONTRACTOR

RL = RELOCATE EXISTING UTILITY OR INSTALL NEW

SP = SUPPORT/PROTECT DURING CONSTRUCTION (MEANS AND METHODS TO BE DETERMINED BY THE DESIGN-BUILD CONTRACTOR AND UTILITY OWNER)

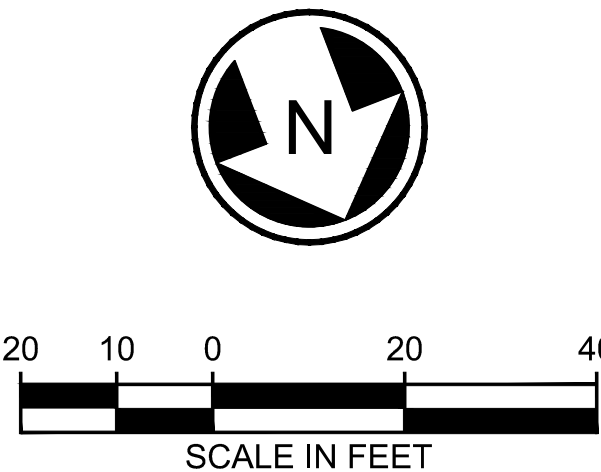
AD = ADJUST TO NEW GRADE

RM = REMOVE

AB = ABANDON IN PLACE (DESIGN-BUILD CONTRACTOR TO VERIFY IF ABANDONMENT IN PLACE IS ACCEPTABLE TO UTILITY OR CITY OF REDMOND)

PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION



CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
M. AUSTIN
DRAWN BY:
J. BETZVOG
CHECKED BY:
D. PROCTOR
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-UCP131TO164
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

**DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND**

REFERENCE

COMPOSITE UTILITIES PLAN
EB STA 5165+00 TO EB STA 5167+72

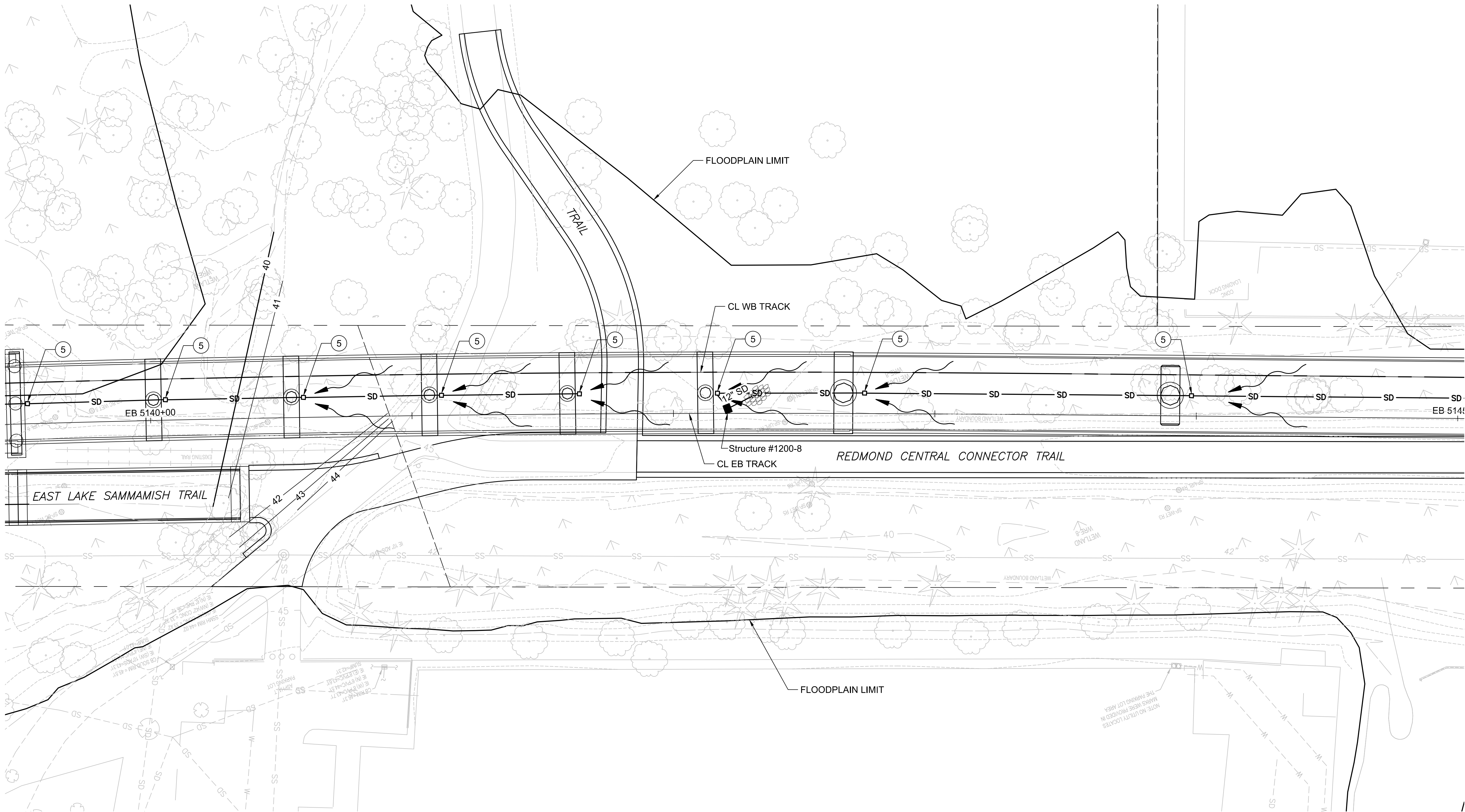
DRAWING No.:
L90-UCP136
LOCATION ID:
SHEET No.:
279
REV:

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100

11/08/18 | 2:57 PM | TYLERU
C:\USERS\PUBLIC\DOCUMENTS\TYLERU\HITTPS\SHAREPOINT.SOUNDTRANSIT\ORG\443\SITES\CAD\REDMOND LINK EXTENSION\PE\DRAWINGS\RLE-L90-CDP100T0162.DWG

SEE DWG L90-CDP130

SEE DWG L90-CDP132

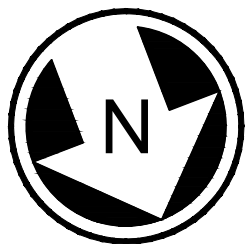


CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM DRAIN STRUCTURE.
- 2 CONNECT TO EXISTING STORM DRAIN PIPE.
- 3 PROTECT EXISTING STORM DRAIN FACILITY.
- 4 ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
- 5 INSTALL AERIAL GUIDEWAY DRAIN.

NOTES:

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100T0162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

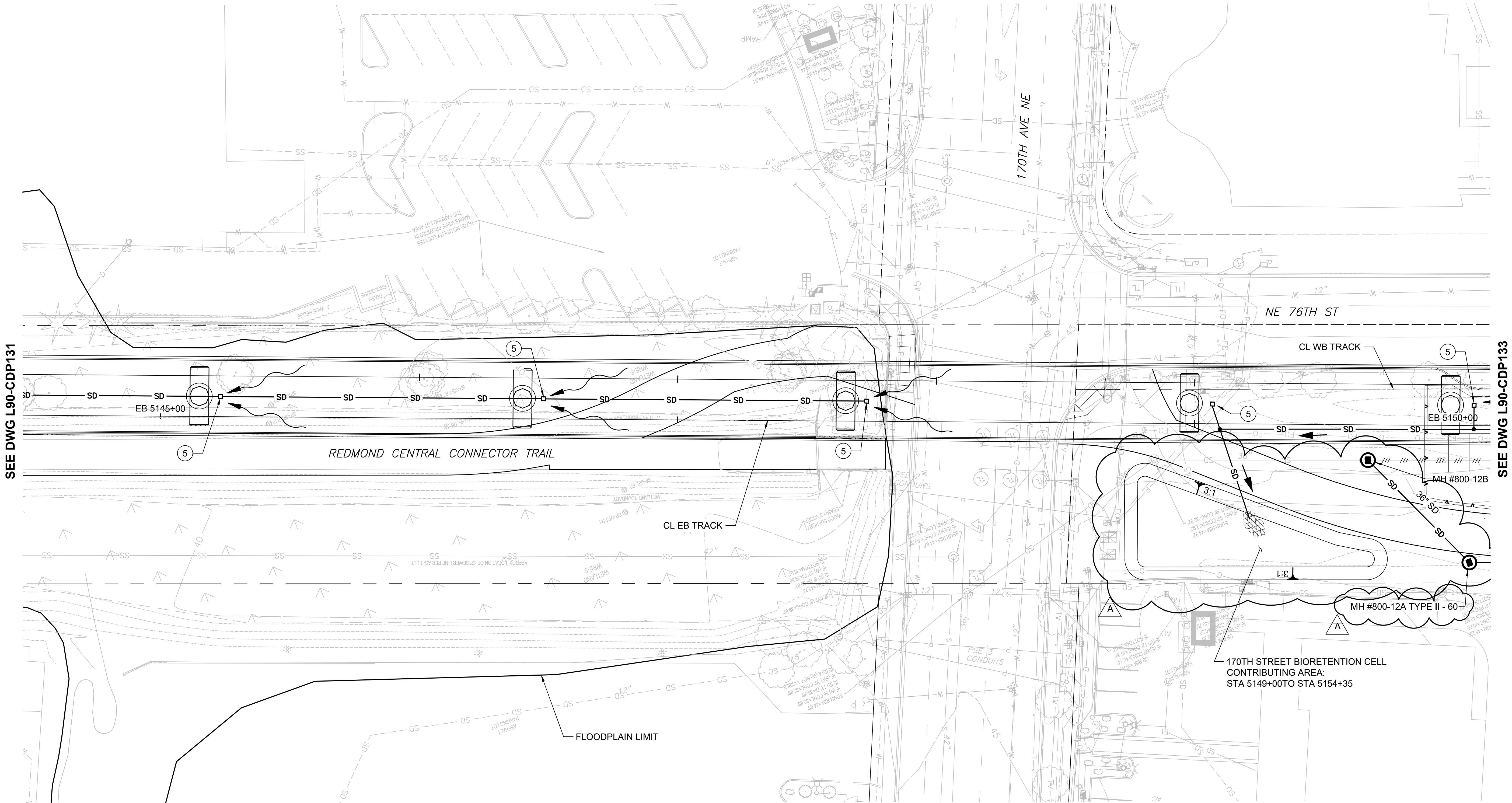
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5140+00 TO EB STA 5145+00

DRAWING No.:
L90-CDP131
LOCATION ID:
SHEET No.:
209
REV:

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSP
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards



SEE DWG L90-CDP131

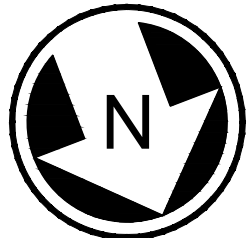
SEE DWG L90-CDP133

CONSTRUCTION NOTES:

- 1 CONNECT TO EXISTING STORM DRAIN STRUCTURE.
- 2 CONNECT TO EXISTING STORM DRAIN PIPE.
- 3 PROTECT EXISTING STORM DRAIN FACILITY.
- 4 ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
- 5 INSTALL AERIAL GUIDEWAY DRAIN.

NOTES:

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

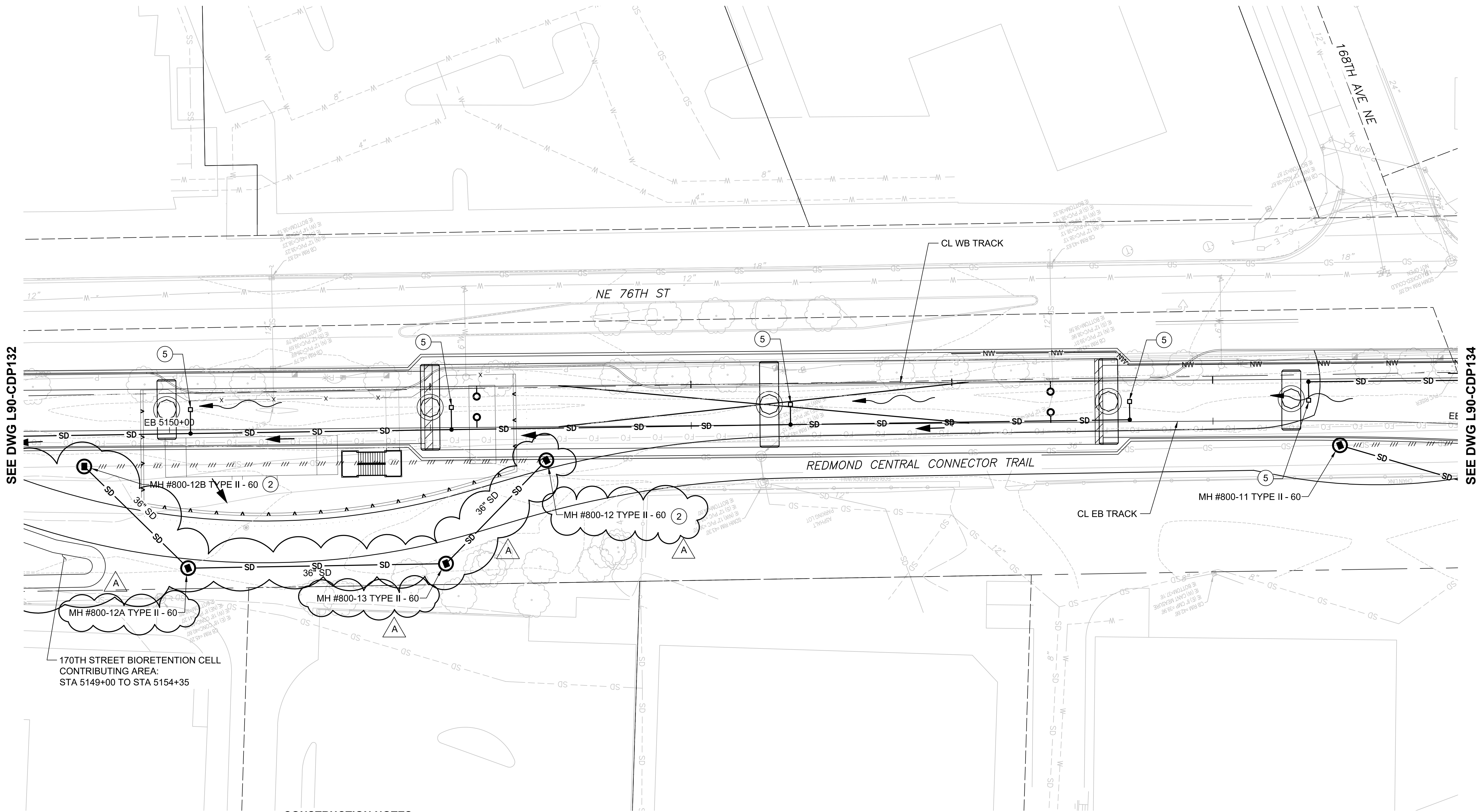
**DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND**

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5145+00 TO EB STA 5150+00

DRAWING No.:
L90-CDP132
LOCATION ID:
SHEET No.:
210
REV:
A

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMF20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards

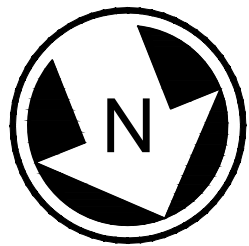


SEE DWG L90-CDP132

SEE DWG L90-CDP134

- NOTES:**
- SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
 - ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.

- CONSTRUCTION NOTES:**
- CONNECT TO EXISTING STORM DRAIN STRUCTURE.
 - CONNECT TO EXISTING STORM DRAIN PIPE.
 - PROTECT EXISTING STORM DRAIN FACILITY.
 - ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
 - INSTALL AERIAL GUIDEWAY DRAIN.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

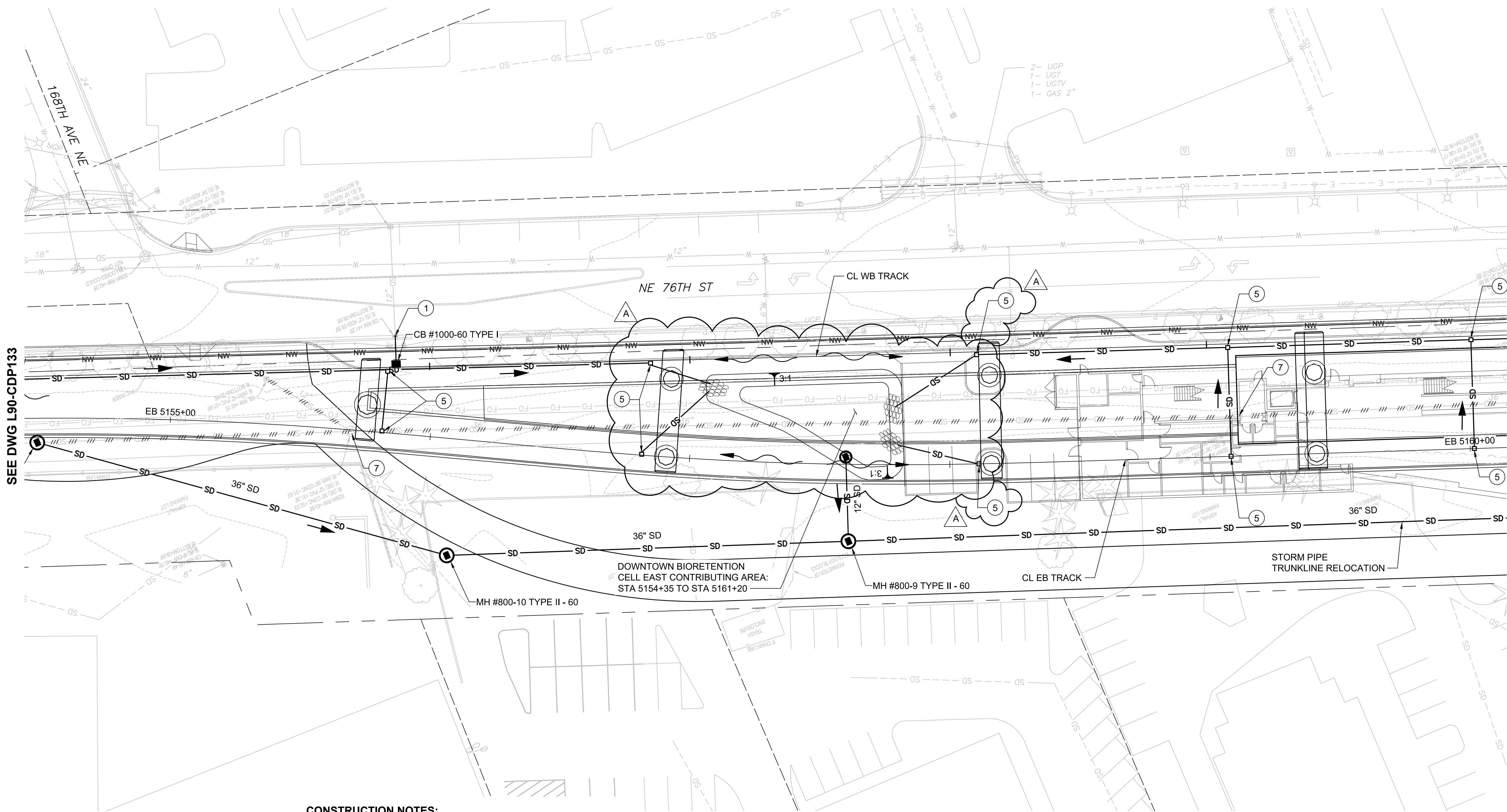
**DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND**

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5150+00 TO EB STA 5155+00

DRAWING No.:
L90-CDP133
LOCATION ID:
SHEET No.: 211
REV: A

Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSP
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSP
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards



SEE DWG L90-CDP133

SEE DWG L90-CDP135

CONSTRUCTION NOTES:

1. CONNECT TO EXISTING STORM DRAIN STRUCTURE.
2. CONNECT TO EXISTING STORM DRAIN PIPE.
3. PROTECT EXISTING STORM DRAIN FACILITY.
4. ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
5. INSTALL AERIAL GUIDEWAY DRAIN.
7. REMOVE EXISTING CATCH BASIN.

NOTES:

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



DATE:

SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

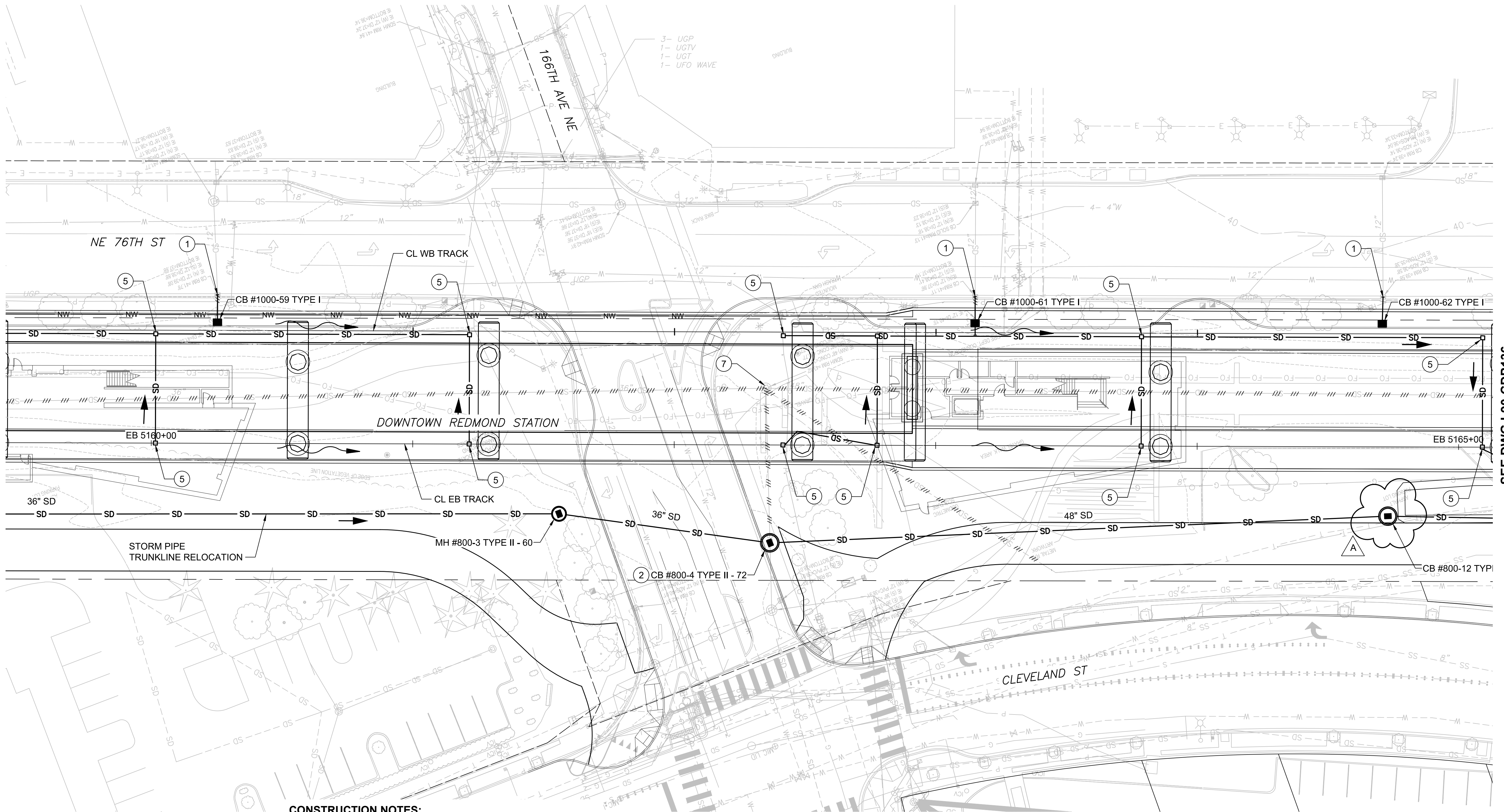
CIVIL
DRAINAGE PLAN
EB STA 5155+00 TO EB STA 5160+00

DRAWING No.:
L90-CDP134
LOCATION ID:
SHEET No.:
212
REV:
A



Xrefs:
RLE--GB--TB22x34
xRLE--L90--SEP100
xRLE--L90--CRP100
xRLE--L90--SWP100
xRLE--L90--KAP100
xRLE--E31--ASP100
xE360--RLE--E27--CSP20
xE360--RLE--E27--CMP20
xE360--RLE--E27--USP20
xRLE--L95--VVG
xRLE--GIS--VFP
xRLE--GIS--VSF
xRLE--GIS--VUT
xRLE--GIS--VVG
xRLE--L90--VCP
xRLE--L90--VRX
xRLE--L90--VSF
xRLE--L90--VUT
xRLE--L90--VVG
xRLE--L95--VSF
xRLE--L95--VUT
xRLE--E29--LPP100
xRLE--L90--VCN
xRLE--L95--VCN
xRLE--L90--CWP100
xRLE--L90--CDP100
xRLE--E29--ASP100
RLE--standards

SEE DWG L90-CDP134



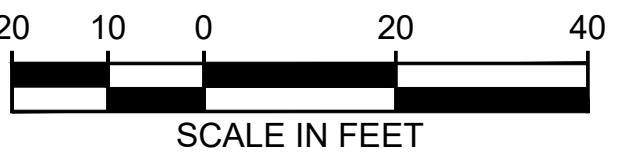
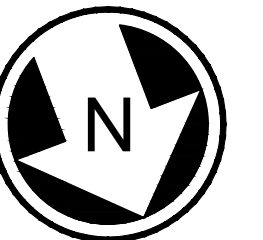
SEE DWG L90-CDP136

CONSTRUCTION NOTES:

- CONNECT TO EXISTING STORM DRAIN STRUCTURE.
- CONNECT TO EXISTING STORM DRAIN PIPE.
- PROTECT EXISTING STORM DRAIN FACILITY.
- ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
- INSTALL AERIAL GUIDEWAY DRAIN.
- REMOVE EXISTING CATCH BASIN.

NOTES:

- SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
- ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.



PRELIMINARY
ENGINEERING

NOT FOR
CONSTRUCTION

CONCEPTUAL DESIGN

CONFORMED SET

DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100T0162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019

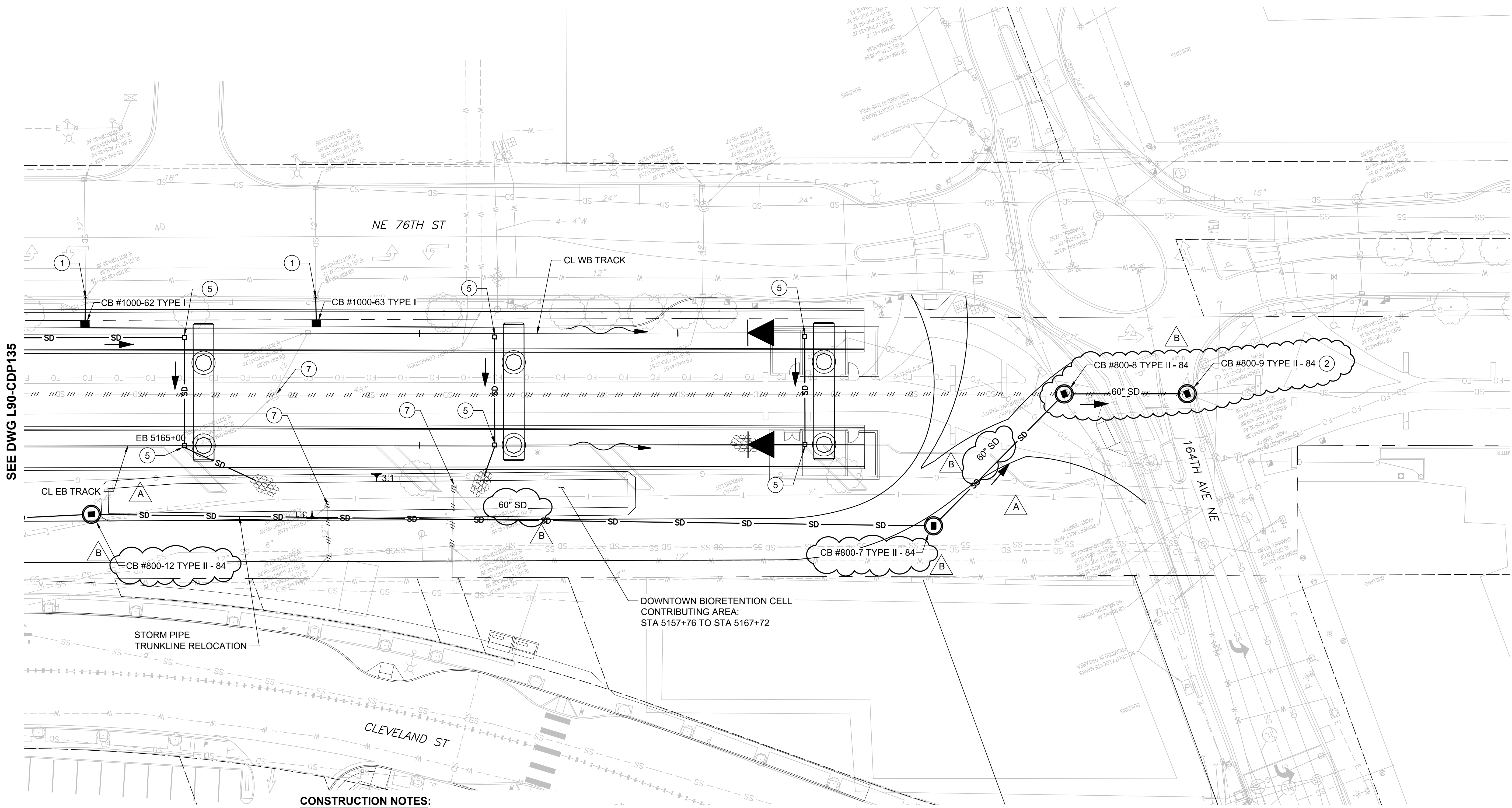
DOWNTOWN REDMOND LINK EXTENSION
RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5160+00 TO EB STA 5165+00

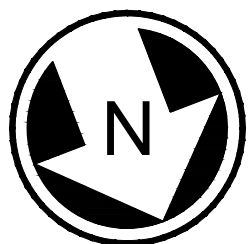
DRAWING No.:
L90-CDP135
LOCATION ID:
SHEET No.: 213
REV: A

SEE DWG L90-CDP135



- ① CONNECT TO EXISTING STORM DRAIN STRUCTURE.
- ② CONNECT TO EXISTING STORM DRAIN PIPE.
- ③ PROTECT EXISTING STORM DRAIN FACILITY.
- ④ ADJUST STRUCTURE RIM ELEVATION TO FINISHED GRADE.
- ⑤ INSTALL AERIAL GUIDEWAY DRAIN.
- ⑦ REMOVE EXISTING CATCH BASIN.

1. SEE DRAWING L90-CZN700 FOR GENERAL NOTES.
2. ALL LIGHT RAIL INFRASTRUCTURE SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY, INCLUDING GUIDEWAY, WALLS, COLUMNS, TPSS SITES, STATIONS, AND GARAGE.



PRELIMINARY ENGINEERING

NOT FOR
CONSTRUCTION

DOWNTOWN REDMOND LINK EXTENSION RTS TO DOWNTOWN REDMOND

REFERENCE

CIVIL
DRAINAGE PLAN
EB STA 5165+00 TO EB STA 5167+72

DRAWING No.:
L90-CDP136

LOCATION ID:

SHEET No.:	REV
214	B

CONCEPTUAL DESIGN						CONFORMED SET	
A	02/01/19	MMS	BFP	BFP	ADDENDUM #6 - REVISION FOR TPSS #3		
B	03/08/19	MMS	BFP	BFP	ADDENDUM #11 - STORM SIZES REVISION		
No.	DATE	DSN	CHK	APP	REVISION		

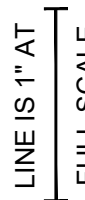
DESIGNED BY:
T. NABOURS
DRAWN BY:
J. TYLER
CHECKED BY:
J. HITCH
APPROVED BY:
Y. YANG

**Parametrix**
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES

SUBMITTED BY:
BRAD PHILLIPS

DATE:
09/24/2018

REVIEWED BY:



SCALE:
1" = 20'
FILENAME:
RLE-L90-CDP100TO162
CONTRACT No.:
CN 0148-18
DATE:
03/29/2019