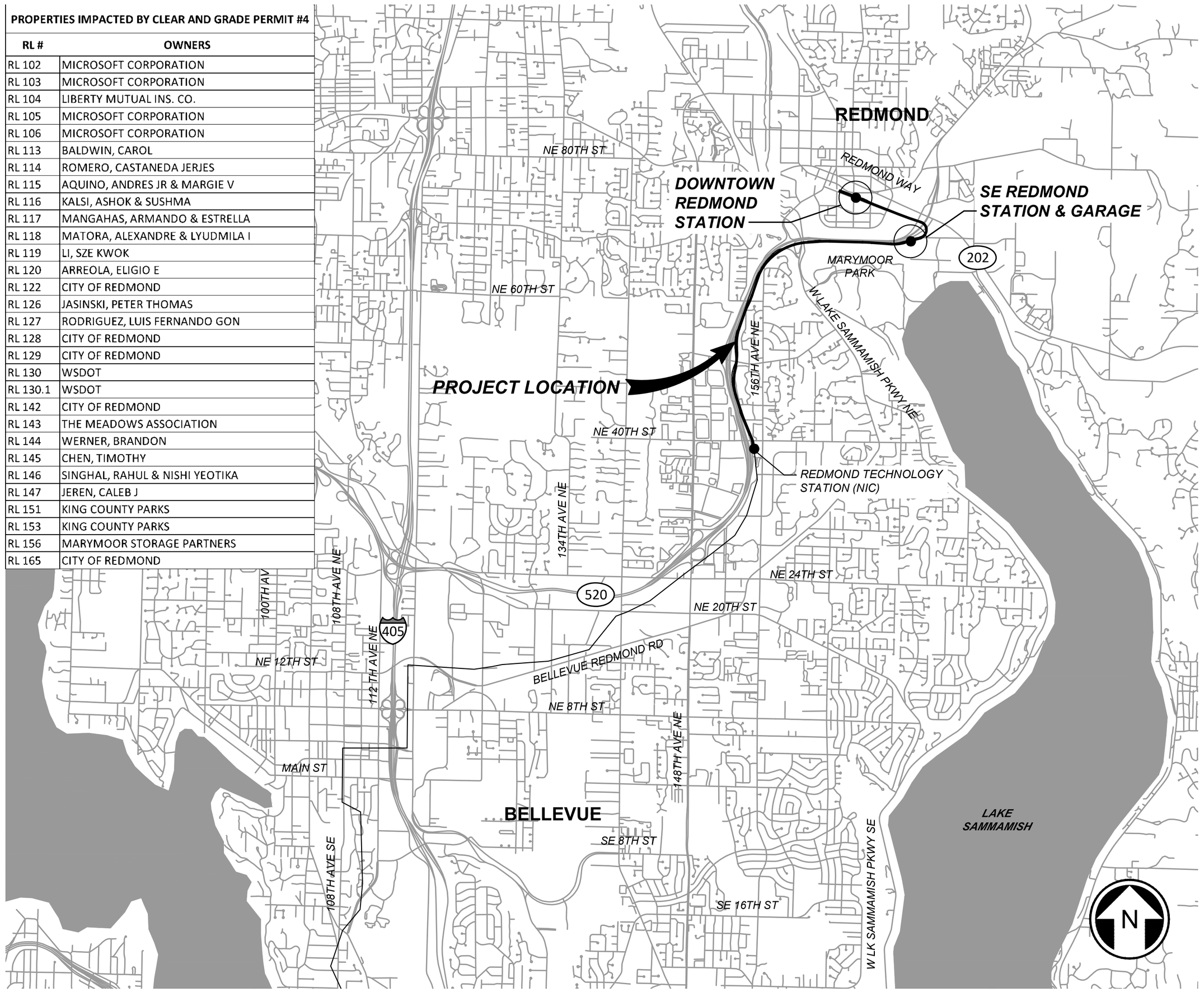
Attachment 4

SOUNDTRANSIT

CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

PROPERTIES IMPACTED BY CLEAR AND GRADE PERMIT #4	
RL #	OWNERS
RL 102	MICROSOFT CORPORATION
RL 103	MICROSOFT CORPORATION
RL 104	LIBERTY MUTUAL INS. CO.
RL 105	MICROSOFT CORPORATION
RL 106	MICROSOFT CORPORATION
RL 113	BALDWIN, CAROL
RL 114	ROMERO, CASTANEDA JERJES
RL 115	AQUINO, ANDRES JR & MARGIE V
RL 116	KALSI, ASHOK & SUSHMA
RL 117	MANGAHAS, ARMANDO & ESTRELLA
RL 118	MATORA, ALEXANDRE & LYUDMILA I
RL 119	LI, SZE KWOK
RL 120	ARREOLA, ELIGIO E
RL 122	CITY OF REDMOND
RL 126	JASINSKI, PETER THOMAS
RL 127	RODRIGUEZ, LUIS FERNANDO GON
RL 128	CITY OF REDMOND
RL 129	CITY OF REDMOND
RL 130	WSDOT
RL 130.1	WSDOT
RL 142	CITY OF REDMOND
RL 143	THE MEADOWS ASSOCIATION
RL 144	WERNER, BRANDON
RL 145	CHEN, TIMOTHY
RL 146	SINGHAL, RAHUL & NISHI YEOTIKA
RL 147	JEREN, CALEB J
RL 151	KING COUNTY PARKS
RL 153	KING COUNTY PARKS
RL 156	MARYMOOR STORAGE PARTNERS
RL 165	CITY OF REDMOND



IMPERVIOUS AREA			
EXISTING		PROPOSED	
SQ. FT.	ACRES	SQ. FT.	ACRES
198,228	4.6	423,832	9.7

CONTRACT LOCATION MAP

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, AND IN PART BY THE CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY DISTRICT OF WASHINGTON, AND THE STATE OF WASHINGTON

DOWNTOWN REDMOND LINK EXTENSION

REDMOND TECH CENTER TO DOWNTOWN REDMOND

RTA/CN 0148-18

R200

CLEAR & GRADE PERMIT #4
JULY 2020

SWK Stacy and Witbeck / Kuney

ARMANDO TISCAREÑO, SWK
600 108th Ave NE #700
Bellevue, WA 98004
PHONE: 425-449-8743

FOR REFERENCE ONLY

SUBMITTED BY: _____ DATE: _____

NAME: ARMANDO TISCAREÑO
TITLE: PROJECT MANAGER

REVIEWED BY: _____ DATE: _____

NAME: JIM SCHETTLER
TITLE: DESIGN MANAGER

APPROVED FOR CONSTRUCTION

_____ DATE: _____

Steve Flude, P.E.
Deputy Director of Public Works/City Engineer, City of Redmond

BOOK 1 OF 1

DRAWING No.: GEN-GZK101-CG4
FACILITY ID:
SHEET No.: 1
REV:

07/28/20 | 6:20 PM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-GEN-GZK101-CG4.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xR200-GEN-CG4-GZI000
GB-SEAL-SB33732
CG4-TYP-CROSS-SECTION

INDEX OF DRAWINGS - CG #4

SHT. No.	DWG. No.	REV	TITLE
GENERAL			
1	R200-GEN-GZK101-CG4		PROJECT LOCATION MAP
2	R200-GEN-GZI101-CG4		INDEX OF DRAWINGS
3	R200-GEN-GZN101-CG4		GENERAL ABBREVIATIONS
4	R200-GEN-GZN102-CG4		GENERAL ABBREVIATIONS
5	R200-GEN-GZN103-CG4		GENERAL ABBREVIATIONS
6	R200-GEN-GZN104-CG4		GENERAL ABBREVIATIONS
7	R200-GEN-GZN105-CG4		GENERAL ABBREVIATIONS
8	R200-GEN-GZN106-CG4		GENERAL SYMBOLS AND LEGEND
9	R200-GEN-GZN107-CG4		GENERAL SYMBOLS AND LEGEND
10	R200-GEN-GZK122-CG4		KEY LAYOUT INDEX OF 1" = 20' PLANS
11	R200-GEN-GZK123-CG4		KEY LAYOUT INDEX OF 1" = 20' PLANS
12	R200-GEN-GZK140-CG4		KEY LAYOUT INDEX OF 1" = 40' PLANS
CLEARING & GRADING			
13	R200-L90-CXP401		HAUL ROAD PLAN & PROFILE STA 9+00 TO STA 19+00
14	R200-L90-CXP402		HAUL ROAD PLAN & PROFILE STA 19+00 TO STA 29+00
15	R200-L90-CXP403		HAUL ROAD PLAN & PROFILE STA 29+00 TO STA 39+00
16	R200-L90-CXP404		HAUL ROAD PLAN & PROFILE STA 39+00 TO STA 49+00
17	R200-L90-CXP405		HAUL ROAD PLAN & PROFILE STA 49+00 TO STA 59+00
18	R200-L90-CXP406		HAUL ROAD PLAN & PROFILE STA 59+00 TO STA 69+00
19	R200-L90-CXP407		HAUL ROAD PLAN & PROFILE STA 69+00 TO STA 79+00
20	R200-L90-CXP408		HAUL ROAD PLAN & PROFILE STA 79+00 TO STA 89+00
21	R200-L90-CXP408a		W. LAKE SAMMAMISH PKWY VICINITY
22	R200-L90-CXP409		HAUL ROAD PLAN & PROFILE STA 5+00 TO STA 15+00
23	R200-L90-CXP410		HAUL ROAD PLAN & PROFILE STA 15+00 TO STA 25+00
24	R200-L90-CXP411		HAUL ROAD PLAN & PROFILE STA 25+00 TO STA 35+00
25	R200-L90-CXP412		HAUL ROAD PLAN & PROFILE STA 35+00 TO STA 45+00
26	R200-L90-CWP401		WALL PROFILES
27	R200-L90-CWP402		WALL PROFILES
TEMPORARY EROSION AND SEDIMENT PLAN			
28	R200-L90-CTN100-CG4		TESC GENERAL NOTES
29	R200-L90-CTN200-CG4		TESC KEY NOTES
30	R200-L90-CTP401		TESC PLAN STA 9+00 TO STA 19+00
31	R200-L90-CTP402		TESC PLAN STA 19+00 TO STA 29+00
32	R200-L90-CTP403		TESC PLAN STA 29+00 TO STA 39+00
33	R200-L90-CTP404		TESC PLAN STA 39+00 TO STA 49+00
34	R200-L90-CTP405		TESC PLAN STA 49+00 TO STA 59+00
35	R200-L90-CTP406		TESC PLAN STA 59+00 TO STA 69+00
36	R200-L90-CTP407		TESC PLAN STA 69+00 TO STA 79+00
37	R200-L90-CTP408		TESC PLAN STA 79+00 TO STA 89+00
38	R200-L90-CTP408A		W. LAKE SAMMAMISH PKWY VICINITY
39	R200-L90-CTP409		TESC PLAN STA 5+00 TO STA 15+00
40	R200-L90-CTP410		TESC PLAN STA 15+00 TO STA 25+00
41	R200-L90-CTP411		TESC PLAN STA 25+00 TO STA 35+00
42	R200-L90-CTP412		TESC PLAN STA 35+00 TO STA 45+00
43	R200-L90-CTD400		TESC DETAILS
44	R200-L90-CTD401		TESC DETAILS
45	R200-L90-CTD402		TESC DETAILS
46	NOT USED		
47	NOT USED		
TREE REMOVAL AND PROTECTION			
48	R200-L90-TPN101		TREE REMOVAL AND PROTECTION NOTES
49	R200-L90-TPP101		TREE REMOVAL AND PROTECTION
50	R200-L90-TPP102		TREE REMOVAL AND PROTECTION
51	R200-L90-TPP103		TREE REMOVAL AND PROTECTION
52	R200-L90-TPP104		TREE REMOVAL AND PROTECTION
53	R200-L90-TPP105		TREE REMOVAL AND PROTECTION
54	R200-L90-TPP106		TREE REMOVAL AND PROTECTION
55	R200-L90-TPP107		TREE REMOVAL AND PROTECTION
56	R200-L90-TPP108		TREE REMOVAL AND PROTECTION
57	R200-L90-TPP109		TREE REMOVAL AND PROTECTION
58	R200-L90-TPP110		TREE REMOVAL AND PROTECTION
59	R200-L90-TPP111		TREE REMOVAL AND PROTECTION
60	R200-L90-TPP112		TREE REMOVAL AND PROTECTION
61	R200-L90-TPP113		TREE REMOVAL AND PROTECTION
62	R200-L90-TPP114		TREE REMOVAL AND PROTECTION
63	R200-L90-TPP115		TREE REMOVAL AND PROTECTION
64	R200-L90-TPP116		TREE REMOVAL AND PROTECTION
65	R200-L90-TPP117		TREE REMOVAL AND PROTECTION
TREE REMOVAL AND PROTECTION (CONT'D)			
66	R200-L90-TPP118		TREE REMOVAL AND PROTECTION
67	R200-L90-TPP119		TREE REMOVAL AND PROTECTION
68	R200-L90-TPP120		TREE REMOVAL AND PROTECTION
69	R200-L90-TPP121		TREE REMOVAL AND PROTECTION
70	R200-L90-TPP122		TREE REMOVAL AND PROTECTION
71	R200-L90-TPP123		TREE REMOVAL AND PROTECTION
72	R200-L90-TPP124		TREE REMOVAL AND PROTECTION
73	R200-L90-TPP125		TREE REMOVAL AND PROTECTION
74	R200-L90-TPP126		TREE REMOVAL AND PROTECTION
75	R200-L90-TPP317		TREE REMOVAL AND PROTECTION
76	R200-L90-TPP318		TREE REMOVAL AND PROTECTION

GENERAL NOTES

1. RETAINING WALL DESIGN IS NOT YET COMPLETED. THE APPROVAL FOR CLEAR AND GRADE PERMIT #4 DOES NOT INCLUDE RETAINING WALL CONSTRUCTION. THE RETAINING WALL DESIGN WILL BE COMPLETED AND SUBMITTED TO THE CITY OF REDMOND FOR REVIEW AND APPROVAL AT A LATER DATE. NO RETAINING WALL CONSTRUCTION SHALL TAKE PLACE PRIOR TO THE CITY OF REDMOND APPROVAL OF THOSE PLANS.

2. COMPLIANCE WITH ARCHAELOGICAL AND CULTURAL RESOURCES REGULATIONS REQUIRED AS DESCRIBED IN LETTER OF CONCURRENCE #28.

3. RETAINING WALL BMPS ADJACENT TO THE SAMMAMISH RIVER SHALL NOT BE IN PLACE DURING THE WET WEATHER WINDOW OF OCTOBER 1 TO APRIL 30 ANNUALLY.

CONSTRUCTION ACCESS/HAUL ROAD APPROACH FOR CLEARING AND GRADING PERMIT #4:

PHASE I –

- RE-STRIPE & INSTALL TEMP K-RAIL: IN COLLECTOR DISTRIBUTOR (CD) LANES NORTH OF 40TH TO 70TH STREET (TO EAST END OF MARYMOOR PARK) TO ALLOW FOR HAUL ROAD WIDTH AND SEPARATE TRAFFIC FROM WORK ZONE. THE FOLLOWING WILL BE THE SEQUENCE OF WORK:
  - 40TH STREET ON-RAMP TO 51ST STREET OFF-RAMP
  - 51ST STREET ON-RAMP TO 60TH STREET UNDERPASS
  - 60TH STREET TO WEST LAKE SAMMAMISH PARKWAY EXIT
  - WEST LAKE SAMMAMISH PARKWAY TO 70TH STREET
- DEFINE CLEAR AND GRADE LIMITS: CLEARING AND GRADING LIMITS FROM SR 520 GOING EAST TO WSDOT ROW BOUNDARY. FOR AREAS BEYOND, WHERE WSDOT ROW IS EXCLUDING WALLS, THE CLEARING LIMITS WERE EXTENDED, ANTICIPATING AN ON-TIME ACQUISITION OF RIGHT OF ENTRY. SWK WILL ONLY CLEAR AREAS REQUIRED TO INSTALL HAUL ROAD FROM 40TH TO 70TH STREET EAST OF MARYMOOR PARK.

PHASE II –

- INSTALL REQUIRED BMP'S PER TESC PLAN
- ESTABLISH/CONSTRUCT HAUL ROAD & CONSTRUCTION ENTRANCES: JUST NORTH OF 40TH STREET TO 70TH STREET (JUST BEYOND EAST END OF MARYMOOR PARK)
  - BACKFILL DITCHES/INSTALL TEMP DRAINAGE WHERE REQUIRED FOR HAUL ROAD
  - PAVE SHOULDER WHERE REQUIRED FOR HAUL ROAD
  - CONSTRUCT TEMPORARY WALLS WHERE REQUIRED TO ESTABLISH HAUL ROAD

CONSTRUCTION ACCESS/HAUL ROAD APPROACH FOR CLEARING AND GRADING PERMIT #4, CONT'D:

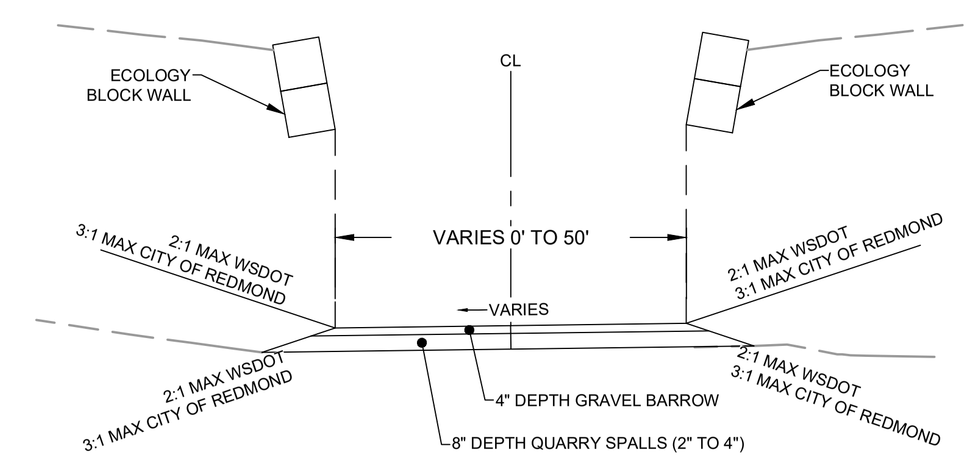
PHASE III -

- CLEAR & GRUB AND ESTABLISH LAYDOWN AREAS
  - BUILD TEMPORARY WALLS FOR ACCESS TO SHAFTS, ACCESS TO HAUL ROADS AND CRANE PADS.
  - LOCATIONS INCLUDE:
    - 40TH STREET: NORTH EAST STAGING AREA
    - 51ST STREET: STAGING/PARKING AREAS SOUTH EAST OF 51ST ST, AND STAGING AREA NORTH EAST OF 51ST ST
    - AGHAP (ECO-BLOCK)
    - SR 520/GORE
    - MARYMOOR-CLEAR AND GRUB THRU MARYMOOR PARK FOR STAGING AREA AND HAUL ROAD ALONG SR520

PHASE IV –

- CLEAR & GRUB LIMITS FOR EWA WORK/SCOPE:
  - 40TH TO 51ST STREET -CLEARING TREES AND GRUBBING FOR EWA WALLS AND 40TH ST CUT AND COVER CONSTRUCTION
  - 51ST TO 60TH STREET - CLEARING TREES AND GRUBBING FOR EWA WALLS AND 51ST ST CUT AND COVER CONSTRUCTION
  - AERIAL GUIDEWAY STRUCTURE A: CONTINUE ESTABLISHING WORKING AREAS FOR SHAFTS
- CLEAR & GRUB LIMITS FOR EWB WORK/SCOPE:
  - 40TH TO 51ST STREET - CLEARING TREES AND GRUBBING FOR EWB WALLS
  - 51ST TO 60TH STREET - CLEARING TREES AND GRUBBING FOR EWB WALLS
- CLEAR & GRUB LIMITS FOR HEAVY CIVIL GUIDEWAY SYSTEM WORK /SCOPE:
  - 60TH TO WEST LAKE SAMMAMISH PARKWAY EXIT- CLEARING TREES & GRUBBING FOR WALL CONSTRUCTION
  - GROUND IMPROVEMENTS THRU MARYMOOR PARK

TYPICAL CROSS SECTION



FOR REFERENCE ONLY

DESIGNED BY:	A. KOLZOW
DRAWN BY:	A. KOLZOW
CHECKED BY:	S. BARTLETT
APPROVED BY:	P. BARNEY
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	NTS
FILENAME:	R200-GEN-GZI101-CG4
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
CLEARING AND GRADING PERMIT #4
INDEX OF DRAWINGS

DRAWING No.:	GEN-GZI101-CG4
FACILITY ID:	GEN
SHEET No.:	2
REV:	

07/28/20 | 9:51 PM | CL071971
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Attachment 4

Xrefs:
xR200-GEN-TB22x34
xR200-GEN-GZN000
GB-SEAL-SB33732

ABBREVIATIONS

#	NUMBER, TYPE
%	PERCENT
&	AND
*	DIM REQ VERIFICATION BY OTHER DIM
/	OF
@	AT
+/-	PLUS OR MINUS, DIM REQ FIELD VERIFY
Δ	TOTAL CENTRAL ANGLE OF SPIRAL AND CIRCULAR CURVES
Δc	CENTRAL ANGLE OF CIRCULAR CURVE EXTENDING FROM SC TO CS
Δc1	SUFFIX (1) DENOTES DATA FOR THE FIRST CIRCULAR CURVE OF A COMPOUND CURVE
Δc2	SUFFIX (2) SAME AS ABOVE - SECOND CIRCULAR CURVE OF A COMPOUND CURVE
Θs1	CENTRAL ANGLE OF SPIRAL SUFFIX (1)
Θs2	CENTRAL ANGLE OF SPIRAL SUFFIX (2)
Θs3	CENTRAL ANGLE OF SPIRAL SUFFIX (3)
L	SINGLE ANGLE
⅃ L	DOUBLE ANGLE
Ø	DIAMETER, PHASE
(E)	EXISTING
(F)	FUTURE
(N)	NEW

A

A	AMPERE
A/B	AIR BRAKE
A/C	ASPHALTIC CONCRETE
A/G	AT-GRADE
A/R	AS REQUIRED
A/S	ACRYLIC-LATEX SEALANT
A/T	AUTO TENSION
A/V	AUDIO VISUAL
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AAVV	AUTOMATIC AIR VENT VALVE
AB	ANCHOR BOLT
ABD	ABANDON(ED)
ABDV	AUTOMATIC BALL DRIP VALVE
ABUT	ABUTMENT
ABV	ABOVE
AC	ALTERNATING CURRENT, ABOVE COUNTER, AIR COMPRESSOR, ASBESTOS CEMENT
ACCP	AIR CONDITIONING CONTROL PANEL
ACD	ASBESTOS CEMENT DUCT (CONDUIT)
ACI	AMERICAN CONCRETE INSTITUTE
ACOUS	ACOUSTICAL
ACOUS PNL	ACOUSTICAL PANEL
ACP	ASBESTOS CEMENT PIPE, ASPHALT CONCRETE PAVEMENT
ACPL	AUXILIARY CONTROL PANEL
ACR	ACRYLIC, ACCESS CARD READER
ACS	ACCESS
ACSR	ALUMINUM CONDUCTOR STEEL REINFORCED
ACT	ACOUSTICAL CEILING TILE
ACT-#	ACOUSTICAL CEILING TILE - TYPE
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR, AREA DRAIN
ADA	AMERICAN WITH DISABILITIES ACT
ADD	ADDENDUM, ADDENDA
ADDL	ADDITIONAL
ADJ	ADJACENT, ADJUST(ABLE)
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AF	AMP FUSE, AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGG	AGGREGATE
AGG B	AGGREGATE BASE
AGG SB	AGGREGATE SUB BASE
AHCP	AIR HANDLING CONTROL PANEL
AHCW	AUTOMATIC HIGHWAY CROSSING WARNING
AHD	AHEAD
AHJ	AUTHORITIES HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CURRENT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AL	ALUMINUM
ALIGN	ALIGNMENT
ALM	ALARM
ALT	ALTERNATE
ALUM	ALUMINUM
AMP	AMPERE, AMPERAGE
ANC	ANCHOR(AGE)
ANOD	ANODIZE(D)
ANS	AMBIENT NOISE SENSOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ANT	ANTENNA
AP	ANGLE POINT, APPROACH
APC-#	ACOUSTICAL PANEL CEILING
AP-#	ACOUSTICAL PLASTER TYPE
APPROX	APPROXIMATELY
APT	AUXILIARY POWER TRANSFORMER
AR	ANCHOR ROD
ARC	ABRASION RESISTANT COATINGS
ARCH	ARCHITECT, ARCHITECTURAL
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION
ARV	AIR RELIEF VALVE
AS	AIR SEPARATOR, AMPMETER SWITCH
ASA	AMERICAN STANDARDS ASSOCIATION
ASL	AIRSPACE LEASE
ASPH	ASPHALT
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AT	AMP TRIP
ATB	ASPHALT TREATED BASE
ATCH	ATTACH
ATM	ALONG TRACK MOVEMENT
ATP	AUTOMATIC TRAIN PROTECTION
ATR	ABOVE TOP RAIL
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	ALARM VALVE, AUDIO VISUAL
AVE	AVENUE
AWG	AMERICAN WIRE GAUGE
AWI	ARCHITECTURAL WOODWORK INSTITUTE
AWS	AMERICAN WELDING SOCIETY
AWWA	AMERICAN WATER WORKS ASSOCIATION

B

B	BRICK
B&B	BALLED AND BURLAPPED
B-SPAN	BODY SPAN
B/	BOTTOM/BACK OF
B/B	BACK TO BACK
B/C	BOTTOM OF CURB
B/F	BUTTERFLY VALVE
B/L	BASE LINE
B/W	BALANCE WEIGHT, BACK OF WALK
BAL	BALANCE
BAT	BATTERY
BCD-#	BIRD CONTROL SYSTEM TYPE
BCP	BRANCH CIRCUIT PANEL
BCR	BIKE CARD READER
BD	BOARD, BYPASS DAMPER
BDA	BI-DIRECTIONAL AMPLIFIER
BDD	BACK DRAFT DAMPER
BEG	BEGINNING
BF	BACK FACE, BOTTOM FACE, BACKFILL
BFA	BY-PASS FEEDER ANCHOR
BFP	BACKFLOW PREVENTER
BVLV	BUTTERFLY VALVE
BH	BORED HOLE
BHP	BRAKE HORSE POWER
BIA	BRICK INSTITUTE OF AMERICA
BIJ	BONDED INSULATED JOINT
BIL	BASIC IMPULSE LEVEL
BIT	BITUMINOUS
BJF	BITUMINOUS JOINT FILLER
BK	BACK
BKF	BACKFILL
BKR	BREAKER
BL	BASE LINE, BUILDING LINE, BOUNDARY LINE
BLD	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLKR	BICYCLE LOCKER
BLST	BALLAST
BLVD	BOULEVARD
BM	BEAM, BENCHMARK
BMP	BEST MANAGEMENT PRACTICE(S)
BMS	BUILDING MANAGEMENT SYSTEM
BNSF	BNSF RAILWAY
BO	BOTTOM OF, BREAK OUT, BLOCK OUT, BLOW OFF VALVE
BOB	BOTTOM OF BRICK
BOC	BACK OF CURB
BOD	BOTTOM OF DUCT
BOF	BOTTOM OF FOOTING
BOH	BACK OF HOUSE
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BOT	BOTTOM
BOW	BACK OF WALK
BP	BACKFLOW PREVENTER
BPP	BRANCH POWER PANEL
BR	BRIDGE, BARE ROOT
BRD	BAROMETRIC RELIEF DAMPER
BRG	BEARING
BRG PL	BEARING PLATE
BRK-#	BRICK MASONRY TYPE
BRKT	BRACKET
BS	BOTH SIDES, BIRD SCREEN
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNITS PER HOUR
BVL	BEVELED
BW	BOTH WAYS, BOTTOM OF WALL
BZ	BRONZE

C

C	CONDUIT, CELSIUS/CENTIGRADE, COMMUNICATIONS, CHANNEL, CLOSE
C&C	CUT AND COVER
C&G	CURB AND GUTTER
C&S	COMMUNICATION AND SIGNALS
C/B	COVE BASE
C/C	CENTER TO CENTER, CONCRETE CULVERT
C/G	CORNER GUARD
C/L	CURB LINE
C/S	COUNTERSUNK
C-SPAN	CROSS SPAN
CAB	CABINET
CAL	CALIPER
CALC	CALCULATED
CANT	CANTILEVER
CAT	CATEGORY, CATENARY
CATV	CABLE TELEVISION
CB	CATCH BASIN
CBB	CEMENTITIOUS BACKERBOARD
CBL	CABLE
CC	COOLING COIL, CENTER OF CIRCULAR CURVATURE, CIP INTEGRAL COLOR CC-#
CCL	CENTRAL CONTROL
CCTB	CORROSION CONTROL TEST BOX
CCTV	CLOSED-CIRCUIT TELEVISION
CCW	COUNTER CLOCKWISE
CD	COLD DRAWN, CONDENSATE DRAIN, CLEARANCE DISTANCE
CDC	COMMUNICATIONS DISTRIBUTION CABINET
CDF	CONTROLLED DENSITY FILL
CE	CONSTRUCTION EASEMENT, CLEARANCE ENVELOPE
CED	CONCRETE ENCASED DUCTBANK
CEM	CEMENT
CEM BD	CEMENT BOARD
CEM PLAS	CEMENT PLASTER
CER	CERAMIC
CF-#	CEMENTITIOUS FIREPROOFING TYPE
CF	CUBIC FOOT/FEET
CFF	CAP FOR FUTURE
CFLG	COUNTERFLASHING
CFM	CUBIC FEET PER MINUTE
CG	CENTER OF GRAVITY, CONCRETE GUTTER
CG-#	CORNER GUARD TYPE
CHAM	CHAMFER
CHD	CHORD
CHGR	CHARGER
CHK	CHECK
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CIP	CAST-IN-PLACE, CAST IRON PIPE
CIP-#	CAST-IN-PLACE TYPE
CIP-S#	CONCRETE SEALER TYPE
CIRC	CIRCULAR
CIT	CIRCUIT
CIV	CIVIL
CIW	CAST IRON WATER
CJ	CONTROL/CONTRACTION/ CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CK	CREEK
CKT	CIRCUIT
CL	CENTERLINE, CLASS
CLF, CLEF	CHAIN LINK FENCE
CLG	CEILING
CLG-#	CEILING TYPE
CLGH	CEILING HANGAR
CLGS	CEILING SUPPORT
CLO	CLOSET
CLP	CONCRETE LIGHT POLE, CLAY PIPE
CLR	CLEAR(ANCE)
CLSM	CONTROLLED LOW-STRENGTH MATERIAL
CM	CONSTRUCTION MANAGEMENT
CMH	COMMUNICATIONS MANHOLE
CMP	CORRUGATED METAL PIPE
CMT	CEMENT TREATED BASE
CMU-#	CONCRETE MASONRY UNIT TYPE
CND	CONDUIT
CNTR	CENTER
CNR BD	CORNER BEAD
CO	CLEAN OUT, CARBON MONOXIDE
CO2	CARBON DIOXIDE
COB	CITY OF BELLEVUE
COL	COLUMN
COMB	COMBINATION
COMI	CITY OF MERCER ISLAND
COMM	COMMUNICATIONS
COMPO	COMPOSITION
COMPT	COMPARTMENT
CON	CONSOLE
CONC	CONCRETE
CONC-S#	CONCRETE SEALANT TYPE
COND	CONDUIT, CONDENSATE, CONDUCTOR

FOR REFERENCE ONLY

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SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

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SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZN101-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
GENERAL ABBREVIATIONS

DRAWING No.: GEN-GZN101-CG4
FACILITY ID: GEN
SHEET No.: 3
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Attachment 4

Xrefs:
xR200-GEN-TB22x34
xR200-GEN-GZN000
GB-SEAL-SB33732

ABBREVIATIONS (CONT'D)

CONN	CONNECT(ION)
CONST	CONSTRUCT(ION)
CONT	CONTINUOUS/CONTINUATION, CONTAINER GROWN
CONT'D	CONTINUED
CONTR	CONTRACTOR
CONTV	CONTROL VALVE
COR	CITY OF REDMOND
COORD	COORDINATE
CORP	CORPORATION
CORR	CORRIDOR, CORRUGATED
COV	COVER(ED)
CP	CONCRETE PIPE, CONDUIT
CPLG	COUPLING
CPP	COMMUNICATIONS POWER PANEL
CPT	CONTROL POWER TRANSFORMER, CONTROL POINT
CPW-#	CEMENTITIOUS WALL PANEL - TYPE
CR	CURB RAMP, CONDUIT RISER
CRL	CANE RAIL
CRS	COLD ROLLED STEEL
CS	COMBINED SEWER, CURVE TO SPIRAL
CSBC	CRUSHED SURFACING BASE COURSE
CSJ	CONSTRUCTION JOINT, CLOSURE STRIP JOINT
CSK	CASEWORK
CSL	CROSSHOLE SONIC LOGGING
CSM	COMBINED SEWER MANHOLE
CSMH	COMBINED SEWER MANHOLE
CSMT	CASEMENT
CSP	CONCRETE SEWER PIPE
CST	CAST STONE
CSTC	CRUSHED SURFACING TOP COURSE
CT	CERAMIC TILE, CONICAL TEE, CURRENT TRANSFORMER
CTB	CEMENT TREATED BASE
CTR	CENTER(S)
CTRL	CONTROL
CTRLR	CONTROLLER
CTY	CABLE TRAY
CU	COPPER, CUBIC, CONDENSING UNIT
CU YD	CUBIC YARD
CULV	CULVERT
CV	CONTROL VALVE, CONSTANT VOLUME, CABLE VAULT
CVLV	CHECK VALVE
CW	CONCRETE WALK, CONTACT WIRE, CLOCKWISE, COLD WATER
CWA	COUNTERWEIGHT ANCHOR
CWP	CEMENTITIOUS WALL PANEL
CWR	CONTINUOUS WELDED RAIL
CWT	COUNTERWEIGHT
CW-#	CURTAIN WALL TYPE
CY	CUBIC YARD(S)

D

D	DEEP, DEPTH, DUCT
D/W	DRIVEWAY
DA	DISABLED
DB	DRY BULB, DIRECT BURIED, DC BREAKER
DB	DUCT, CONDUIT, DEPTH, DUCTBANK
DBA	DEFORMED BAR ANCHOR
DBH	DIAMETER BREAST HEIGHT
DBL	DOUBLE
Dc	DEGREE OF CIRCULAR CURVE (ARC DEFINITION)
DC	DIRECT CURRENT, DISTRIBUTION CABINET
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DCM	DESIGN CRITERIA MANUAL
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DCW	DOMESTIC COLD WATER
DDCA	DOUBLE DETECTOR CHECK ASSEMBLY
DEF	DEFLECTION
DEF JT	DEFLECTION JOINT
DEG	DEGREE
DEL	DELETE
DEMO	DEMOLITION
DESC	DESCRIPTION
DET, DTL, DTLS	DETAIL(S)
DF	DIRECT FIXATION, DRINKING FOUNTAIN
DGA	DOWN GUY ANCHOR
DH	DUCT HEATER
DHW	DOMESTIC HOT WATER
DHWC	DOMESTIC HOT WATER CIRCULATION
DI	DROP INLET, DUCTILE IRON, DISCRETE INPUT
DIA, DIAM	DIAMETER
DID	DOOR INTRUSION DETECTOR
DIFF	DIFFUSER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DIR	DIRECTION
DISC	DISCONNECT
DISC SW	DISCONNECT SWITCH
DISCH	DISCHARGE
DISTR	DISTRIBUTION
DL	DEAD LOAD
DLN	DRIPLINE
DMP-#	DECORATIVE METAL PANEL TYPE
DN	DOWN
DO	DITTO, DISCRETE OUTPUT
DOC	DEGREE OF CURVATURE
DOE	DEPARTMENT OF ECOLOGY
DOIT	DEPARTMENT OF INFORMATION TECHNOLOGY
DOM	DOMESTIC
DP	DAMPPROOFING, DEEP
DPR	DAMPER
DR	DRIVE, DOOR
DRN	DRAIN
DS	DOWNSPOUT, DOOR SWITCH
DSP	DRY STANDPIPE
DWG(S)	DRAWING(S)
DWL	DOWEL
DWR	DRAWER
DWV	DRAIN, WASTE, VENT
DX	DIRECT EXPANSION

E

E	EAST/EASTING, ELECTRICAL
E/P	EDGE OF PAVEMENT
E/S	EDGE OF SHOULDER
Ea	ACTUAL TRACK SUPERELEVATION (INCHES)
EA	EACH, EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EB	EASTBOUND
EBC	EMBEDDED CONDUIT
EC	ELECTRICAL CONTRACTOR, END CAP, ELECTRICAL CONDUIT, EPOXY-COATED
ECS	ENVIRONMENTAL CONTROL SYSTEM
ED	ELECTRIC(AL) DUCT
EDD	EXHAUST DUCT DAMPER
EF	EACH FACE, EXHAUST FAN
EFAN	EXHAUST FAN
EFC	EXPOSED FINISH CONCRETE EPOXY FIBERGLASS CONDUIT
EFD	EXHAUST FAN DAMPER
EFF	EFFICIENCY
EFW	EFFECTIVE FLUID WEIGHT
EG	EXISTING GRADE
EGR	EMERGENCY GUARD RAIL
EHC	ELECTRIC HEATING COIL
EHS	EXTRA HIGH STRENGTH
EI	ELECTRICAL INTERLOCK
EJ	EXPANSION JOINT
EJ-# / EJC-#	EXPANSION JOINT COVER TYPE
ELAST-#	ELASTOMERIC COATING TYPE
EL/ELEV	ELEVATION
ELAST	ELASTOMERIC
ELEC/ELECT	ELECTRIC(AL)
ELECPBD	ELECTRIC PANEL BOARD
ELEV	ELEVATOR
ELP	EMERGENCY LIGHTING PANEL
EM	ELECTROMAGNETIC MONITORING
EMB	EMBEDMENT, EMBEDDED PLATE/ITEM
EMER	EMERGENCY
EMF	EMERGENCY FAN
EMH	ELECTRIC MANHOLE
EMI	ELECTROMAGNETIC INTERFERENCE
EMP	EMERGENCY MANAGEMENT PANEL
EMR	ELEVATOR MACHINE ROOM
EMRF	EMERGENCY REVERSIBLE FAN
EMS	EMERGENCY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EOP/EP	EDGE OF PAVEMENT
EPF	ELEVATOR SHAFT PRESSURIZATION FAN
EPO	EMERGENCY POWER OFF
EPP	EMERGENCY POWER PANEL
EQ	EQUAL
EQNBK	STATION EQUATION BACK
EQNAHD	STATION EQUATION AHEAD
EQPT	EQUIPMENT
EQUIV	EQUIVALENT
ERER	EMERGENCY BACKPACK STORAGE
ES	EACH SIDE, EXTRA STRENGTH
ESC	ESCALATOR
ESL	ELECTRIC STREET LIGHT
ESMT	EASEMENT
ESP	EXTERNAL STATIC PRESSURE
EST	ESTIMATED
ETC	ET CETERA
ETEL	EMERGENCY TELEPHONE
ETS	EMERGENCY TRIP STATION
ETT	ELECTRIC TRANSMISSION TOWER
Eu	UNBALANCED TRACK SUPERELEVATION (INCHES)
EUH	ELECTRICAL UNIT HEATER
EV	ELECTRIC VAULT, ELECTRIC VEHICLES
EVP	EMERGENCY VEHICLE PREEMPTION
EW	EACH WAY, EASTBOUND TO WESTBOUND
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
EX/EXIST	EXISTING
EXC/EXCAV	EXCAVATION
EXF	EXHAUST FAN
EXH	EXHAUST
EXP	EXPANSION
EXPO	EXPOSED
EXT	EXTERIOR, EXTINGUISHER

F

F	FLAG POLE, FAHRENHEIT, FIX
F'c	28 DAY CONCRETE STRENGTH
F/R	FIRE RATED
F/T	FIXED TERMINATION
F TO F	FACE TO FACE
FA	FIRE ALARM, FIXED ANCHOR, FLOOR ASSEMBLY
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FABX	FIRE ALARM BOX
FAC	FACILITY
FACP	FIRE ALARM CONTROL PANEL
FAF	FRESH AIR FAN
FAI	FRESH AIR INTAKE
FB	FLAT BAR, FORESTED BUFFER
FBO	FURNISHED BY OWNER
FBRGLC	FIBERGLASS CONDUIT
FC	FACE OF CURB, FLEXIBLE CONNECTION, FARE COLLECTION
FC-#	FLUOROPOLYMER COATING TYPE
FCC	FIRE COMMAND CENTER
FCO	FLOOR CLEANOUT
FCS	FIELD CONTROL SYSTEM
FCU	FAN COIL UNIT
FD	FIBER DUCT, FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDCP	FIRE DAMPER CONTROL PANEL
FDN	FOUNDATION
FDP	FIBER DISTRIBUTION PANEL
FDR	FEEDER
FE-#	FIRE EXTINGUISHER TYPE
FEC-#	FIRE EXTINGUISHER CABINET TYPE
FF	FINISHED FLOOR, FAR FACE
FFJ	FULL FEEDING JUMPER
FG	FINISH GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHV	FIRE HOSE VALVE
FIN	FINISH(ED)
FIX	FIXED
FIXT	FIXTURE
FJ	FEEDER JUMPER
FL	FLOW LINE, FLANGE
FL-#	FLOURPOLYMER COATING - TYPE
FLEX	FLEXIBLE
FLG	FLANGE
FLH	FLATHEAD
FLR	FLOOR
FLRH	FLOOR HYDRANT
FLSH	FLASHING
FLUOR	FLUORESCENT
FM	FORCE MAIN
FMP	FIRE MANAGEMENT PANEL
FN	FENCE
FND	FOUNDATION, FAN DAMPER
FNIC	FUTURE NOT IN CONTRACT
FO	FACE OF, FIBER OPTIC
FOB	FACE OF BRICK
FOC	FACE OF CONCRETE, FACE OF CURB
FOF	FACE OF FINISH
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FOP	FACE OF POLE
FOS	FACE OF SLAB / STUD / STRUCTURE, FACTOR OF SAFETY
FOT	FIBER OPTIC TRANSMISSION SYSTEM
FOW	FACE OF WALL
FP	FIRE PROTECTION
FPAP	FALL PROTECTION ANCHOR POST
FPM	FEET PER MINUTE
FPP	FIBER OPTIC PATCH PANEL
FPRF	FIRE PROOF
FR	FROM
FREQ	FREQUENCY, FREQUENTLY
FRP	FIBERGLASS REINFORCED PLASTIC/POLYMER
FRT	FIRE RESISTANT TREATED
FS	FAR SIDE, FIRE SERVICE, FUSED SWITCH
FSD	FIRE SMOKE DAMPER
FT	FOOT/FEET
FTB	FLUIDIZED THERMAL BACKFILL
FTC	FIRE EXTINGUISHER/TELEPHONE CABINET
FTG	FOOTING
FUR	FURRING
FURN	FURNISH
FUT	FUTURE
FVE	FARE VENDING EQUIPMENT
FVEC	FIRE VALVE & EXTINGUISHER CABINET
FVNR	FULL VOLTAGE NON-REVERSING
FW	FIELD WELD
FWD	FORWARD
FXTR	FIXTURE

FOR REFERENCE ONLY

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GB-SEAL-SB33732

ABBREVIATIONS

G

G1	GRADE SUFFIX (1)
G2	GRADE SUFFIX (2)
G	GAS, GROUND, GRADE
G/L	GROUND/GRADE LINE
G/R PL	GUARD RAIL PLATE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED, HOT DIPPED GALVANIZED
GALVS	GALVANIZED STEEL
GB	GRAB BAR, GROUND BUS
GB-#	GLAZING BLOCK TYPE
GC	GENERAL CONTRACTOR
GD	GUIDEWAY DISPERSION, GARAGE DRAIN
GDR-#	GUARDRAIL SYSTEM TYPE
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFRP	GLASS FIBER REINFORCED PLASTIC
GFRP-#	GLASS FIBER REINFORCED PLASTIC - TYPE
GH	GROUND HYDRANT
GI	GROUND INLET
GL	GLAZING
GL-#	GLAZING TYPE
GM	GAS METER
GND	GROUND
GP	GAUGE PLATE
GP-#	GRAFITTI COATING TYPE
GPM	GALLONS PER MINUTE
GR	GRADE, GAS REGULATOR GALVANIZED
GRAN	GRANITE
GRD	GROUNDING DEVICE, GRILLE REGISTER DIFFUSER
GRL	GRILLE
GRL-#	OVERHEAD COILING GRILLE TYPE
GRS	GALVANIZED RIGID STEEL
GRSC	GALVANIZED RIGID STEEL CONDUIT
GRTG-#	GRATING TYPE
GRX	GRADE CROSSING
GS	GALVANIZED STEEL
GSC	GALVANIZED STEEL CONDUIT
GSP	GALVANIZED STEEL PIPE, CONDUIT (GSC)
GUY	GUY LINE
GV	GAS VALVE, GATE VALVE, GREASE VENT
GVP	GAS VENT PIPE
GW	GREASE WASTE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM

H

H	HIGH, HORIZONTAL, HEIGHT
H-SPAN	HEAD SPAN
H/R	HEAD ROOM
H/W	HOT WATER
HAS	HEADED ANCHOR STUD
HB	HOSE BIBB
HC	HEATING COIL, HOLLOW CORE
HD	HARD DRAWN
HDPE	HIGH DENSITY POLYETHYLENE (PIPE)
HDR	HEADER
HDW	HARDWARE
HEX	HEXAGONAL
HH	HAND HOLE
HI	TRACK HIGHPOINT
HK	HOOK
HM	HOLLOW METAL
HMA	HOT MIX ASPHALT
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
HNDRL-#	HAND RAIL TYPE
HO	HAND OPERATED
HOF	HEEL OF FROG
HORIZ	HORIZONTAL
HP	HORSE POWER, HIGH PRESSURE
HPC	HIGH PERFORMANCE COATING
HPC-#	HIGH PERFORMANCE COATING TYPE
HPG	HIGH PRESSURE GAS
HPT	HIGH POINT
HR	HANDRAIL
HRC	HEAT RECOVERY COIL
HRL	HIGH RAIL LEVEL
HS	HIGH STRENGTH, HEEL OF SWITCH
HSB	HIGH STRENGTH BOLT
HSS	HOLLOW STEEL/STRUCTURAL SECTION HIGH STRENGTH STEEL
HT	HEIGHT(H), HAND THROW (MANUAL)
HTR	HEATER
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATION &
HW	HEADWALL
HWT	HOT WATER TANK
HYD	HYDRANT
HZ	HERTZ

I

I/O	INPUT/OUTPUT
I/R	IN-RUNNING (RIDING CONTACT WIRE)
I	INTERLOCK
IA	INTRUSION ALARM
IB	IMPEDANCE BONDS
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
ID	INSIDE DIAMETER/DIMENSION IDENTIFICATION
IE	INVERT ELEVATION
IF	INSIDE FACE
IJ	INSULATING / ISOLATION JOINT
ILLUM	ILLUMINATED
IM	INFORMATION MONITOR
IN	INCH(ES)
IN WC	INCHES WATER COLUMN
INC	INCLUDE, INCOMING
INCD	INCANDESCENT
INCL	INCLUDE, INCLUDING
IND	INDICATE
INFO	INFORMATION
INSP	INSPECTION, INSPECT
INST	INSTANTANEOUS
INSUL-#	INSULATION TYPE
INT	INTERIOR, INTERMEDIATE
INV	INVERT
IP	IRON PIPE, INTERMEDIATE PRESSURE
IPS	IRON PIPE SIZE
IR	INSIDE RADIUS, IN RUNNING
IRG, IRR, IRRIG	IRRIGATION
ITC	INTERFACE TERMINAL CABINET
ITS	INFORMATION TECHNOLOGY SYSTEM, INTELLIGENT TRANSPORTATION SYSTEMS
IW	INDIRECT WASTE44

J

J	JUMPER
JAN	JANITOR
JB, J-BOX	JUNCTION BOX
JCT	JUNCTION
JS	JANITOR SINK
JST	JOIST
JT/JNT	JOINT
JT BKR	JOINT BACKER

K

K	KIP (1000 POUNDS)
KA	KILOAMPERE
KC	KING COUNTY
KCMIL	THOUSAND CIRCULAR MILS
KCWW	KING COUNTY WASTE WATER
KF	KIP-FOOT
KO	KNOCK-OUT
KLF	KIPS PER LINEAR FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERES REACTIVE
KW	KILOWATT
KWHR	KILOWATT-HOUR

L

L	LEFT, LENGTH, LINED, LINING, STRUCTURAL ANGLE, LONGITUDINAL
L-L	LINE TO LINE VOLTAGE
L/T	LEFT TRACK
LA	LIGHTNING ARRESTOR
LAD	LADDER
LAM	LAMINATE
LAT	LATERAL, LEAVING AIR TEMPERATURE
LAV	LAVATORY
LB(S)	POUND(S)
LB/FT	POUNDS PER FOOT
LBF	POUNDS FORCE
Lc	TOTAL LENGTH OF CIRCULAR CURVE
LC	LIGHTING CONTROL
LCP	LIGHTING CONTROL PANEL LOCAL CONTROL PANEL
LED	LIGHT EMITTING DIODE
LF	LINEAR FOOT/FEET
LG	LENGTH
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LID	LOW IMPACT DRAINAGE ZONE
LIN	LINEAR
LJ	LEADED JOINT
LJT	LONGITUDINAL JOINT
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNWD	LYNNWOOD
LO	TRACK LOWPOINT
LOC	LIMITS OF CONSTRUCTION, LOCATION
LONG	LONGITUDINAL
LOP	LIMIT OF PAVEMENT
LR-#	LEAN RAIL TYPE
LP	LOW PRESSURE, LIGHTING PANEL
LPT	LOW POINT
LR	LOW RAIL
LRT	LIGHT RAIL TRANSIT
LRV	LIGHT RAIL VEHICLE
Ls	TOTAL LENGTH OF SPIRAL
Ls1	SUFFIX (1) AT SYMBOL DENOTES DATA FOR FIRST SPIRAL IN UNSYMMETRICAL SPIRALIZED CURVE
Ls2	SUFFIX (2) - SAME AS ABOVE, SECOND SPIRAL
Ls3	SUFFIX (3) - SAME AS ABOVE, THIRD SPIRAL
LS	LUMP SUM, LINE SECTION
LSL	LONG SLOTTED HOLES
LT	LEFT, LEAK TESTING, LIGHT
LTG	LIGHTING
LV	LOW VOLTAGE, LAVATORY
LVC	LENGTH OF VERTICAL CURVE (PVC TO PVT)
LVL	LEVEL
LVR-#	LOUVER TYPE
LWT	LEAVING WATER TEMPERATURE

M

M	METER, MOVEABLE
M/L	MAIN LINE
M/N	MODEL NUMBER
M/O	MOTOR OPERATED
M/W	MESSENGER WIRE
MA	MAST ARM
MACH	MACHINE
MAINT	MAINTENANCE
MAS	MASONRY
MAT	MIXED AIR TEMPERATURE
MATL	MATERIAL
MAU	MAKE UP AIR UNIT
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBH	1000 BRITISH THERMAL UNITS PER HOUR
MBR	MEMBER
MC	MECHANICAL CONTRACTOR, MISCELLANEOUS CHANNEL, MAGNETIC CONTACT SWITCH
MC-#	METAL CEILING TYPE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCD	MULTIPLE CONCRETE DUCTS, CONDUITS
MD-#	STRUCTURAL METAL DECK
MD	MEASURE DOWN, MOTORIZED DAMPER
MDE	MAXIMUM DESIGN EARTHQUAKE
MDF	MEDIUM DENSITY FIBERBOARD
MDG	MOLDING
MDP	MAIN DISTRIBUTION PANEL
MDPR	MOTORIZED DAMPER
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MEP	MECHANICAL ELECTRICAL PLUMBING
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MAINTENANCE HOLE, MANHOLE
MIL	EQUAL TO 1/1000TH OF AN INCH (0.001")
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT, MOVEMENT JOINT
MLT	MOUNTLAKE TERRACE
MLO	MAIN LUGS ONLY
MM	MILLIMETER
MO	MASONRY OPENING
MOD	MODULAR, MOTOR OPERATED DAMPER, MODULATING, MODIFIED
MON	MONUMENT
MOP	MOTOR OPERATED
MOT	MAINTENANCE OF TRAFFIC
MOV	MOVABLE
MP	MILE POST, MEDIUM PRESSURE, MID-POINT, MORE PERMISSIVE SPEED
MP-#	METAL PANEL TYPE
MPA	MID-POINT ANCHOR
MPB	MAIN POWER SWITCHBOARD
MPH	MILES PER HOUR
MR	MOISTURE RESISTANT
MRP-#	METAL ROOF PANEL TYPE
MRSS	MOTOR RATED SNAP SWITCH
MRT	MORTAR
MS	MOTOR STARTER
MSB	MAIN SWITCHBOARD
MSE	MECHANICALLY STABILIZED EARTH
MSFS	METAL STRUT FRAMING SYSTEM
MSL	MEAN SEA LEVEL
MSP	MOTOR STARTER PANEL
MT	MAGNETIC TESTING, MISCELLANEOUS TEE
MTB	MAIN TERMINAL BOARD
MTD	MULTIPLE TILE DUCT/CONDUIT, MOUNTED
MTG	MOUNTING
MTL	METAL
MTR	METER
MUA	MAKE UP AIR
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
mV	MILLIVOLT
MVA	MEGAVOLT AMPERE
MVSS	MEDIUM VOLTAGE SUBSTATION
MW	MEGAWATT, MESSENGER WIRE

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ABBREVIATIONS

N

N	NORTH/NORTHING, NEUTRAL
N/A	NOT APPLICABLE
NB	NORTHBOUND
NBR	NON-BRIDGING
NC	NORMALLY CLOSED
NCWD	NORTH CITY WATER DISTRICT
NE	NORTHEAST
NEC	NATIONAL ELECTRICAL CODE
NEG	NEGATIVE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NESC	NATIONAL ELECTRIC SAFETY CODE
NF	NEAR FACE
NFHB	NON-FREEZE HOSE BIB
NGPA/NGPE	NATIVE GROWTH PROTECTION AREA/EASEMENT
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NMC	NON-METALLIC CONDUIT
NO	NORMALLY OPEN
NO./No.	NUMBER
NOM	NOMINAL
NPCW	NON POTABLE COLD WATER
NPDES	NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM
NPS	NOMINAL PIPE SIZE
NPT	NATIONAL PIPE THREAD
NR	NOT REGISTERED
NRCP	NON-REINFORCED CONCRETE PIPE
NS	NEAR SIDE, NOT SUPPORTED
NSR	NOT SUPPORTED OR REGISTERED
NST	NOT STEEPER THAN
NTS	NOT TO SCALE
NUM	NUMBER
NW	NORTHWEST, NOISE WALL

O

O	OPEN, OIL
O/L	OVERLAP
O/R	OUT-OF-RUNNING (NON-RIDING CONTACT WIRE)
O/S	OFFSET
OA	OUTSIDE AIR, OVERALL
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OCS	OVERHEAD CATENARY/CONTACT SYSTEM
OD	OUTSIDE DIAMETER/DIMENSION
ODE	OPERATIONAL DESIGN EARTHQUAKE
OF	OIL FILLED, OUTSIDE FACE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OH	OVERHEAD, OPPOSITE HAND
OHB	OVERHEAD BRIDGE
OHCD-#	OVERHEAD COILING DOOR - TYPE
OHCG-#	OVERHEAD COILING GRILLE - TYPE
OHE	OVERHEAD ELECTRICAL
OHP	OVERHEAD POWER
OHWM	ORDINARY HIGH WATER MARK
OP, OPL	OIL PIPELINE, OLYMPIC PIPELINE
OPNG	OPENING
OPP	OPPOSITE
OR	OUTSIDE RADIUS
ORD	OVERFLOW ROOF DRAIN
ORL	OVERFLOW RAINWATER LEADER
OS	OCCUPANCY SENSOR
OSA	OUTSIDE AIR
OSD	OVERHEAD STORM DRAIN
OTC	OVERLAKE TRANSIT CENTER
OTM	OTHER TRACK MATERIAL
OTS	OPEN TO STRUCTURE

P

P	PANEL, PIPE, POLE, PAINT, PILASTER OFFSET FROM INITIAL TANGENT TO PC OF THE SHIFTED CIRCLE
P/C	PRECAST
P/S	PRE-STRESSED
P/T	POST TENSIONED, POCKET TRACK
PA	PUBLIC ADDRESS
PADC	PUBLIC ADDRESS DISTRIBUTION CABINET (REMOTE AMPLIFIER RACK)
PAN	PANTOGRAPH
PB-#	PAVER - WAYFINDING BRAID - TYPE
PB	PULLBOX, PUSHBUTTON
PBX	PRIVATE BRANCH EXCHANGE
PC	POINT OF CURVATURE, POINT OF CHANGE FROM TANGENT TO CIRCULAR CURVE
PC CONC	PRECAST CONCRETE
PC-#	PRECAST CONCRETE PAVER - TYPE
PCC	PORTLAND CEMENT CONCRETE, POINT OF COMPOUND CURVATURE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PCF	POUNDS PER CUBIC FOOT
PCP	PLANTING CONTROL POINT
PCP-#	PRECAST CONCRETE PANEL - TYPE
PD	PLASTIC DUCT/CONDUIT, PERFORATED
PE	PRELIMINARY ENGINEERING, POLYETHYLENE
PED	PEDESTRIAN
PEF	PLATFORM EXHAUST FAN
PERF	PERFORATED
PERP	PERPENDICULAR
PET	PUBLIC EMERGENCY TELEPHONE
PF	POINT OF FROG
PG	PERFORMANCE GRADE
PGL	PROPOSED/PROFILE GRADE LINE
PGRS	PVC COATED GRS
PGRSC	PVC COATED GRS CONDUIT
PH	PHASE, POTHOLE
PI	POINT OF INTERSECTION OF TWO TANGENTS
PIS	POINT OF INTERSECTION OF TANGENTS OF A SPIRAL
PIP	PROTECT IN PLACE
PITO	POINT OF INTERSECTION OF TURNOUT STRAIGHT AND DIVERGING SIDES
PIV	POST INDICATOR VALVE
PJP	PARTIAL JOINT PENETRATION
PL	PLATE, PROPERTY LINE, PLACE, PLASTIC
PLAM	PLASTIC LAMINATE
PLAM-#	PLASTIC LAMINATE - TYPE
PLAS	PLASTER
PLAT	PLATFORM
PLBG	PLUMBING
PLC	PLACE(S)
PLF	POUNDS PER LINEAL FOOT
PLP	PLASTIC PIPE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PM	PARKING METER
PMJF	PRE-MOLDED JOINT FILLER
PNL	PANEL
PNT	POINT
PNT-#	PAINT COLOR
PO	PUSH-ON JOINT, POWER OPERATED
POB	POINT OF BEGINNING
POC	POINT ON CURVE, POINT OF CONNECTION
POE	POINT OF ENDING, POWER OVER ETHERNET
POH	POWER OVERHEAD
POS	POINT OF STATIONING, POSITIVE
PP	PETROLEUM PRODUCTS, POWER POLE POWER PANEL
PPB	PEDESTRIAN PUSH BUTTON
PR	PAIR, PROPOSED
PRC	POINT OF REVERSE CURVATURE
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PROJ	PROJECTION
PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PRVT	PRIVATE
PS-#	PRECAST CONCRETE STAIR, TREAD/LANDING
PS	POINT OF SWITCH, PRESTRESSING
PSE	PUGET SOUND ENERGY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	POINT OF TANGENCY, POCKET TRACK, PRESSURE TREATED, POINT OF CHANGE FROM CIRCULAR CURVE TO TANGENT, POST TENSIONING
PTZ	PAN TILT ZOOM
PT-#	PORCELAIN TILE - TYPE, SURVEY POINT NUMBER
PVC	POLYVINYL CHLORIDE (PIPE), POINT OF VERTICAL CURVATURE
PVCC	POINT OF VERTICAL COMPOUND CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
PWR	POWER

Q

QT	QUARRY TILE
QTY	QUANTITY
QUAD	QUADRANT

R

R - I/O	REMOTE INPUT/OUTPUT
R	RADIUS, RISER, RANGE RESISTANCE, RIM, RELAY, RIGHT
RC	RADIUS OF CIRCULAR CURVE
RS	RADIUS OF SPIRAL
R/T	RIGHT TRACK
RA	RETURN AIR, RADIO ANTENNA
RAD	RADIUS, RADIAL
RAF	RETURN AIR FAN
RA-#	ROOFING ASSEMBLY TYPE
RAL-#	ROOF ACCESS LADDER TYPE
RAT	RETURN AIR TEMPERATURE
RB-#	RESILIENT BASE - TYPE
RB	READER BOARD
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE, REFLECTED CEILING PLAN
RCPR	REINFORCED CONCRETE PIPE RUBBER GASKET
RCPT	RECEPTACLE
RCV	REMOTE CONTROL VALVE
RCVR	RECEIVER
RD	ROAD, ROOF DRAIN, RADIO DISTRIBUTION
RDWY	ROADWAY
RE	RIM ELEVATION, RESIDENT ENGINEER RUNNING EDGE OF RAIL
RECON	RECONNECT
RECT	RECTANGULAR, RECTIFIER
REF	REFERENCE
REG	REGISTER
REINF	REINFORCE(D) (ING) (MENT)
RELOC	RELOCATE
REQD	REQUIRED
RES	RESERVOIR
RESP-#	EPOXY RESINOUS FLOORING
RET	RETAINING, RETURN(ED)
REV	REVISED/REVISION, REVERSE(IBLE)
RFG	ROOFING
RFL-#	RESILIENT FLOORING - TYPE
RFLD	REFLECTED
RGS	RIGID GALVANIZED STEEL
RGSC	RIGID GALVANIZED STEEL CONDUIT
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RJ	RESTRAINED JOINT
RLL	RAIN WATER LEADER, REFRIGERANT LIQUID LINE
RLUB	RAIL LUBRICATOR
RM	ROOM
RMV	REMOVE
RNLD	RONALD WASTEWATER DISTRICT
RO	ROUGH OPENING
ROT	ROTATED VIEW
ROW, R/W	RIGHT-OF-WAY
RP	RADIUS POINT
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RREG	RETURN REGISTER
RRX	RAILROAD GRADE CROSSING
RS-A	RIPARIAN SHRUB BUFFER 'A"
RS-B	RIPARIAN SHRUB BUFFER 'B'
RSC	RIGID STEEL CONDUIT
RSCL	RAILROAD SIGNAL AND COMMUNICATIONS LINE
RSD-#	RESINOUS STATIC DISSIPATIVE FLOORING - TYPE
RSL	REFRIGERANT SUCTION LINE
RT-#	ROOF SYSTEM TYPE
RT	RIGHT
RTD	RESISTANCE TEMPERATURE DETECTOR
RTU	REMOTE TERMINAL UNIT
RVS	REVERSE
RW	RETAINING WALL

S

S	SOUTH, SLOPE, SINK, S-SHAPE
S-SPAN	STEADY SPAN
S-T	SELF TAPPING
S/C	SIGNAL/COMMUNICATION
S/DW	SINK WITH ATTACHED DISHWASHER
S/S	SERVICE SINK
S/W	SIDEWALK
SA	SUPPLY AIR, SURGE ARRESTOR
SAF	SUPPLY AIR FAN
SAFF	SELF-ADHERED FLEXIBLE FLASHING
SAFTP	STAND-ALONE FARE TRANSACTION PROCESSOR
SAN	SANITARY SEWER
SAP	SUBSTATION ALARM PANEL
SAT	SUPPLY AIR TEMPERATURE, SPRAYED ACOUSTIC TREATMENT
SB	SOUTHBOUND, STRADDLE BENT
SBR	SEALANT AND BACKER ROD
SC	SPIRAL TO CURVE SIGNAL/COMMUNICATION
SCADA	SUPERVISORY CONTROL AND DATA ACQUISITION
SCAT	SIMPLE CATENARY AUTO TENSION
SCFT	SIMPLE CATENARY FIXED TERMINATION
SCH/SCHED	SCHEDULE
SCL	SEATTLE CITY LIGHT
SCR	SMART CARD READER, SCREW
SCRN	SCREEN
SD	STORM DRAIN, SMOKE DETECTOR
SDD	SUPPLY DUCT DAMPER
SDMH	STORM DRAIN MAINTENANCE HOLE, STORM DRAIN MANHOLE
SDT	SMOKE DETECTOR
SE	SOUTHEAST
SEC	SECOND, SECURITY, SECTION
SECT	SECTION
SEFN	SMOKE EMERGENCY FAN
SEG	SEGMENT(AL)
SEM	SEQUENTIAL EXCAVATION METHOD
SEQ	SEQUENCE
SERV	SERVICE
SF	SQUARE FOOT/FEET, SUPPLY FAN

FOR REFERENCE ONLY

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SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZN104-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
GENERAL ABBREVIATIONS

DRAWING No.: GEN-GZN104-CG4
FACILITY ID: GEN
SHEET No.: 6
REV:

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Attachment 4

Xrefs:
xR200-GEN-TB22x34
xR200-GEN-GZN000
GB-SEAL-SB33732

ABBREVIATIONS

SF-#	STORE FRONT SYSTEM TYPE
SFD	SUPPLY FAN DAMPER
SFRM	SPRAY-APPLIED FIRE RESISTIVE MATERIAL
SH	SHOWER/TUB, STANDARD HYDROSEED, SYSTEM HEIGHT
SHC	SHOTCRETE
SHT	SHEET
SHTHG	SHEATHING
SI	SECTION INSULATOR
SIG	SIGNAL
SIM	SIMILAR
SJO	STANDARD JUNIOR OIL RESISTANT COMPOUND
SJT	SCORE JOINT
SL	STREET LIGHT, SHELTER LIGHT, SLOPE, SOUND LINED, SLEEVE
SL-#	SLOPED GLAZING - TYPE
SLJ	STREET LIGHT JUNCTION BOX
SLNT	SEALANT
SLSM	SOUND LINED SHEET METAL
SM	SHEET METAL
SMFO	SINGLE MODE FIBER OPTIC
SMR	SURFACE METAL RACEWAY
SNS	STREET NAME SIGN
SOE	SUPPORT OF EXCAVATION
SOG	SLAB ON GRADE
SOP	SET OUT POINT
SOV	SHUT OFF VALVE
SP	STEEL PIPE/DUCT/CONDUIT, STATIC PRESSURE, SUMP PUMP
SPA, SPC	SPACES, SPACING
SPEB	SOUTH PORTAL ELECTRICAL BUILDING
SPEC	SPECIFICATION(S)
SPF	STAIRWELL PRESSURIZATION FAN
SPKR	SPEAKER
SPL	SOLDIER PILE & LAGGING
SPP	SPECIES
SPR	SPRINKLER
SPST	SINGLE POLE SINGLE THROW
SPU	SEATTLE PUBLIC UTILITIES
SQ	SQUARE
SQ FT	SQUARE FOOT
SQ IN	SQUARE INCH
SQHD	SQUARE HEAD
SREG	SUPPLY REGISTER
SS	SANITARY SEWER, STANDARD SEED, SUBSTATION
SSL	SHORT SLOTTED HOLES
SSMH	SANITARY SEWER MANHOLE/MAINTENANCE HOLE
SSS	SANITARY SIDE SEWER
SST	STAINLESS STEEL
ST-#	METAL STAIRS TYPE
ST	STREET, SOUND TRANSIT, SPIRAL TO TANGENT
STA	STATION(ING)
STD	STANDARD, STANDARD TREE
STE	STEAM
STIFF	STIFFENER
STIRR	STIRRUP(S)
STL	STEEL, STREET LIGHT
STN-#	STONE PANEL TYPE
STOR	STORAGE
STP	STEEL PIPE, DUCT, CONDUIT
STR	STAIR
STRUCT	STRUCTURE(AL)
STU	SHOCK TRANSMISSION UNIT
SU	STUB UP
SUB	SUBSTATION
SUPT	SUPPORT
SURF	SURFACE
SUSP	SUSPENDED
SVC,SVCS	SERVICE(S)
SW	SHEARWALL, SIDEWALK, SOUTHWEST, SWITCH
SWA	SINGLE WIRE ANCHOR
SWBD	SWITCHBOARD
SWFT	SINGLE WIRE FIXED TERMINATION (OCS)
SWGR	SWITCH GEAR
SWH	SWITCH HEATER
SWHT	SWITCH HEATER TRANSFORMER
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
SWR	SEWER
SYM	SYMBOL, SYMMETRICAL
SYS	SYSTEM

T

T	TOP, TANGENT, TELEPHONE, TOWNSHIP THERMOSTAT, TRANSVERSE, TRIP
T&B	TOP AND BOTTOM
T/	TOP OF
T/C	TRACK CENTERS, TOP OF CURB
T/EMB	TOP OF EMBEDMENT
T/F	TOE OF FROG, TOP OF FOUNDATION
T/G	TOP OF GROUND LINE
T/L	TAX LOT
T/LR	TOP OF LOW RAIL
T/P	TOP OF PAVEMENT
T/R	TOP OF RAIL
TA-#	TOILET ACCESSORY TYPE
TAN	TANGENT
TB	THRUST BLOCK, TAP BOX, TERMINAL BLOCK
TBB	TELECOMMUNICATIONS BACK BOARD
TBD	TO BE DETERMINED
TBF	TUNNEL BOOSTER FAN
TBM	TUNNEL BORING MACHINE
TBR	TO BE REMOVED
TC-#	TERRA COTTA RAINSCREEN SYSTEM
Tc	TANGENT DISTANCE FROM SC OR CS TO PI
Tc1	SUFFIX (1) DENOTES DATA FOR FIRST TANGENT OF A COMPOUND CURVE
Tc2	SUFFIX (2) - SAME AS ABOVE, SECOND TANGENT OF COMPOUND CURVE
TC	TOP OF CURB, TRAFFIC CONTROLLER BOX (UNDERGROUND), TRACK CIRCUIT
TCAL	TEMPORARY CONSTRUCTION AIRSPACE LEASE
TCB	TRAFFIC CONTROLLER BOX (ABOVE GROUND)
TCE	TEMPORARY CONSTRUCTION EASEMENT
TCR	TRAIN CONTROL ROOM
TD	TELEPHONE DUCT, TRENCH DRAIN, TRACK DAMPER
TDD	TELECOMMUNICATIONS DISPLAY DEVICE
TDM	TRANSPORTATION DESIGN MANUAL
TE	TRACTION ELECTRIFICATION
TEL	TELEPHONE
TELECOMM	TELECOMMUNICATION
TEMP	TEMPORARY, TEMPERATURE
TERM	TERMINAL
TES	TRACTION ELECTRIFICATION SYSTEM
TESC	TEMPORARY EROSION SEDIMENT CONTROL
TF	TOP FACE, TEMPERATURE FAHRENHEIT, TRACK FEET
TFD	TUNNEL FAN DAMPER
TG	TELEGRAPH, TOP OF GRADE, TRANSFER GRILLE, TOP OF GRATE
TH	THICKNESS, THRESHOLD
THK	THICK(NESS)
THRD	THREADED
TI	TENANT IMPROVEMENTS
TJB	TRAFFIC JUNCTION BOX
TL	TENSION LENGTH
TMH	TELEPHONE MANHOLE
TO	TURNOUT, TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE, TOP OF STRUCTURAL CONCRETE
TOD	TRANSIT ORIENTED DEVELOPMENT, TOP OF DUCT
TOF	TOP OF FOOTING
TOG	TOP OF GRADE
TOP	TOP OF PIPE
TOR	TOP OF RAIL
TORW	TOP OF RETAINING WALL
TOS	TOP OF SLAB, TOP OF STRUCTURE, TOP OF STEEL
TOT	TOTAL
TOW	TOP OF WALL
TP	TOTAL PRESSURE, TRAP PRIMER
TPO-#	THERMOPLASTIC POLYOLEFIN ROOFING
TPSS	TRACTION POWER SUBSTATION
TR	TRACK RELAY
TRAC	TRACTION
TRANSF	TRANSFORMER
TRANSV	TRANSVERSE
TRD	TREAD
TRK	TRACK
Ts1	TANGENT DISTANCE FROM TS TO PI
Ts2	TANGENT DISTANCE FROM ST TO PI
TS	TRAFFIC SIGNAL, TEST STATION, TANGENT TO SPIRAL, STRUCTURAL TUBING, TERMINAL STRIP
TSH	TOP OF SIGNAL HEAD
TSOE	TEMPORARY SUPPORT OF EXCAVATION
TSP	TOTAL STATIC PRESSURE
TT	TRANSFER TRIP, TRACK TRANSFORMER
TTC	TELEPHONE TERMINAL CABINET
TV	TELEVISION/CABLE TELEVISION
TVF	TUNNEL VENTILATION FAN
TVM	TICKET VENDING MACHINE
TVOH	TELEVISION OVERHEAD
TVS	TUNNEL VENTILATION SHAFT
TW	THERMITE WELDING, TOP OF WALL
TW PR	TWISTED PAIR
TWA	TIE WIRE ANCHOR
TWC	TRAIN TO WAYSIDE COMMUNICATION
TWM	TACTILE WARNING MATERIAL
TYP	TYPICAL, TYPICAL AT ALL

U

U/C	UNDER CONSTRUCTION
U/S	UNDERSIDE
UBC	UNIFORM BUILDING CODE
UD	UNDERDRAIN
UG	UNDERGROUND, UNDERGRADE
UGB	UNDERGRADE BRIDGE
UH	UNIT HEATER
UL	UNDERWRITER LABORATORIES
UNEX	UNEXCAVATED
UNK	UNKNOWN
UNO	UNLESS NOTED OTHERWISE
UP	UTILITY POLE, UNION PACIFIC RR
UPS	UNINTERRUPTABLE POWER SUPPLY
UST	UNDERGROUND STORAGE TANK
UTIL	UTILITY
UV	ULTRAVIOLET, UTILITY VAULT

V

V	VALVE COVER/BOX, DESIGN VELOCITY IN MILES PER HOUR, VERTICAL, VOLT(S)
VA	VOLT AMPS
VAC	VACANT
VAR	VARIABLE/VARIES, VARIETY
VAV	VARIABLE AIR VOLUME
VB	VAPOR BARRIER
VC	VERTICAL CURVE
VCD	VITRIFIED CLAY DUCT, CONDUIT
VCP	VITRIFIED CLAY PIPE
VCT	VINYL COMPOSITION TILE
VCZ	VEGETATION CLEAR ZONE
VD	VOLUME DAMPER
VE	VENT
VENT	VENTILATE (ION)
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VIF	VERIFY IN FIELD, VERTICAL INSIDE FACE
VLT	VAULT
VMS	VARIABLE MESSAGING SYSTEMS/SIGN
VP	VAPOR PROOF
VPF	VEGETATION PROTECTION FENCING
VPZ	VEGETATION PROTECTION ZONE
VOIP	VOICE OVER IP
VS	VOLTMETER SWITCH
VTR	VENT THROUGH RO`OF

W

W	WEST, WATT, WATER, WIRE, WASTE, WIDE, WIDTH, WIDE FLANGE SHAPE
W.M.	WILLAMETTE MERIDIAN
W/	WITH
W/I	WITHIN
W/O	WITHOUT
WAB-#	WATER AND AIR BARRIER TYPE
WAT	WATER
WABO	WASHINGTON ASSOCIATION OF BUILDING OFFICIALS
WB	WESTBOUND, WATER BOX, WET BULB
WC	WATER CLOSET, WATER COLUMN
WCL	WALL CONTROL LINE
WCO	WATER CLEANOUT, WALL CLEANOUT
WE	WESTBOUND TO EASTBOUND
WD	WOOD
WF	WIDE FLANGE (BEAM)
WF-#	WALL FINISH TYPE
WG	WATER GAUGE
WGR-#	WATER AND GRAFFITI REPELLANT - TYPE
WH	WATER HEATER
WHDM	WATT-HOUR DEMAND METER
WHM	WATT-HOUR METER
WI	WROUGHT IRON
WID	WIDTH
WIN	WINDOW
WIP	WROUGHT IRON PIPE
WK	WORK
WL	WORK LINE, WIND LOAD
WM	WATER METER, WATER MAIN
WMH	WATER MANHOLE
WOM	WOMEN
WP	WORK POINT, WEATHERPROOF
WPM	WATERPROOFING MEMBRANE
WP-#	WATERPROOFING SYSTEM
WR	WATER RESISTANT
WRC-1	WATER REPELLANT COATING TYPE
WS	WATER STOP
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WSH	WASH, WASHER
WSP	WELDED STEEL PIPE, WET STANDPIPE RESTORED SCRUB-SHRUB WETLAND
WT	WIDE FLANGE STEEL "T" SECTION, WEIGHT, WARNING TIME
WT-#	WALL TILE TYPE
WUTC	WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION
WV	WATER VALVE
WWF	WELDED WIRE FABRIC

X

X BEARING	TYPE CONN W/THREADS EXCLUDED FROM SHEAR PLANE
XBM	CROSSBEAM
XFMR	TRANSFORMER
XMTR	TRANSMITTER
XS	EXTRA STRONG
X-ING	CROSSING
X-OVER	CROSSOVER
X-SPAN	CROSS SPAN

Y

Y	WYE, YARD, YELLOW
YD	YARD
YL	YARD LEAD

Z

Z	IMPEDANCE

FOR REFERENCE ONLY

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SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZN105-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
GENERAL ABBREVIATIONS

DRAWING No.: GEN-GZN105-CG4
FACILITY ID: GEN
SHEET No.: 7
REV:

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Attachment 4

Xrefs:
xR200-GEN-TB22x34
GB-SEAL-SB33732

SYMBOLS

N

NORTH ARROW

0 #

SCALE IN FEET

SCALE BAR (SCALE AS NOTED ON SHEET)

DATUM

NAVD '88

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED.

SAMMAMISH RIVER AT 520 CROSSING
FEMA 100-YR FLOODPLAIN ELEVATION:
35.2 FT NAVD88

TWO DAYS BEFORE YOU DIG
CALL
1-800-424-5555

ELEVATION TITLE X/XX
SCALE:
ELEVATION DESIGNATION (LETTER)
DRAWING NUMBER OF FIRST SHEET WHERE THE ELEVATION IS CUT FROM

ELEVATION TITLE X/-
SCALE:
ELEVATION DESIGNATION (LETTER)
ELEVATION CUT ON THE SAME SHEET ONLY

ELEVATION DESIGNATION (LETTER)
X/-
DRAWING NUMBER OF SHEET WHERE THE ELEVATION IS SHOWN (DASH IF ON SAME SHEET ONLY)

SECTION X/XX
SCALE:
SECTION DESIGNATION (LETTER)
DRAWING NUMBER OF FIRST SHEET WHERE THE SECTION IS CUT FROM

SECTION TITLE X/-
SCALE:
SECTION DESIGNATION (LETTER)
SECTION CUT ON THE SAME SHEET ONLY

SECTION DESIGNATION (LETTER)
X/-
DRAWING NUMBER OF SHEET WHERE THE SECTION IS SHOWN (DASH IF ON SAME SHEET ONLY)

DETAIL TITLE #/XX
SCALE:
DETAIL DESIGNATION (NUMBER)
DRAWING NUMBER OF FIRST SHEET WHERE THE DETAIL IS SHOWN

DETAIL TITLE #/-
SCALE:
DETAIL DESIGNATION (NUMBER)
DASH IF FROM SAME SHEET ONLY

DETAIL DESIGNATION (NUMBER)
#/-
DRAWING NUMBER OF SHEET WHERE THE DETAIL IS SHOWN (DASH IF ON SAME SHEET ONLY)

EQNBK= NB 000+00
EQNAHD= NB 000+00

TYPICAL STATION EQUATION INFORMATION

EXIST ELEV
PROPOSED ELEV OR PGL (T/LR)
275.2
320.12
NB 000+00

TYPICAL PROFILE ELEVATION DATA

LEGEND

NOTE: HATCH PATTERNS AND SYMBOLS MAY BE SHOWN AT DIFFERENT ORIENTATIONS AND/OR OVERLAP ON DRAWINGS.

PERMANENT EASEMENT
WETLAND
TEMPORARY CONSTRUCTION EASEMENT / TEMPORARY CONSTRUCTION AIRSPACE LEASE
CONCRETE SIDEWALK / CONCRETE PAVEMENT
GUIDEWAY EASEMENT
GRAVEL SURFACING
FEE TAKE
OVERLAY
ACCESS EASEMENT
HMA PAVEMENT
TIEBACK/SOILNAIL EASEMENT
EMBANKMENT
TEMP ENVIRONMENTAL MONITORING EASEMENT
BALLAST
PERMANENT WSDOT AIRSPACE LEASE
SUBBALLAST
TEMPORARY CRANE SWING EASEMENT
POROUS CONCRETE
PROPOSED RESOURCE CONSERVATION AREA
CLEAR AND GRADE
CONSERVATION EASEMENT
CLEAR AND GRUB
AREA IMPACTED BY EXISTING EXCAVATION SUPPORT SYSTEM
SLOPES > 40%

ST ROW NUMBER
PARCEL NUMBER
(TAX ACCOUNT NO.)
R/W NO. 123
44
John Doe

SURVEY MONUMENT
PERMANENT EASEMENT LINE
TEMPORARY EASEMENT LINE
PROPOSED RIGHT-OF-WAY/PROPERTY LINE
LIGHT RAIL TRANSIT WAY
FUTURE NOT-IN-CONTRACT
EXISTING RIGHT-OF-WAY LINE
EXISTING PROPERTY/LOT LINE
IMPACTED EXISTING PROPERTY/LOT LINE
SECTION LINE
EXISTING CENTERLINE
EXISTING EASEMENT LINE
WSDOT LIMITED ACCESS LINE
PROTECT IN PLACE 1
REMOVE 2
CONSTRUCTION LIMITS C-LIMIT
100 YEAR FLOODPLAIN
FLOODWAY
EXISTING ORDINARY HIGH WATER MARK OHWM
EXISTING NON-JURISDICTIONAL DITCH <
EXISTING JURISDICTIONAL DITCH <<<
EXISTING WETLAND BOUNDARY
EXISTING STREAM AND WETLAND BUFFER BUFFER
EXISTING WETLAND
SURVEY FLAGGING
EXISTING WOOD FENCE

FOR REFERENCE ONLY

DESIGNED BY:	A. KOLZOW
DRAWN BY:	A. KOLZOW
CHECKED BY:	S. BARTLETT
APPROVED BY:	P. BARNEY

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	NTS
FILENAME:	R200-GEN-GZN106-CG4
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
GENERAL SYMBOLS AND LEGEND

DRAWING No.:	GEN-GZN106-CG4
FACILITY ID:	GEN
SHEET No.:	8
REV:	

07/28/20 | 6:27 PM | CL071971
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Attachment 4

Xrefs:
xR200-GEN-TB22x34
GB-SEAL-SB33732

SYMBOLS

EXISTING		PROPOSED
	FACILITY TO ABANDON	
	FACILITY TO REMOVE	
	TRAFFIC SIGNAL POLE	
	TRAFFIC SIGNAL POLE WITH LUMINAIRE	
	CAMERA	
CV ITS	CABLE VAULT\INFORMATION TECHNOLOGY SERVICES	
	DOUBLE LUMINAIRE	
	STANDPIPE WITH HOSE VALVE	
	WATER METER	
W	WATER MANHOLE	W
	THRUST BLOCK	
	FIRE HYDRANT	
	FIRE DEPARTMENT CONNECTION	
	BUTTERFLY VALVE, M.J.	
	GATE VALVE	
ICV	IRRIGATION CONTROL VALVE	ICV
	GAS VALVE	
EV	ELECTRIC VAULT	EV
E	ELECTRIC MANHOLE	E
EM	ELECTRIC METER	EM
	UTILITY POLE	
	UTILITY POLE ANCHOR	
OR	UTILITY POLE W/ LIGHT	OR
	TELEPHONE RISER	
UT	UTILITY VAULT	UT
UNK	UNKNOWN VAULT	
T	TELEPHONE MANHOLE	T
C	CABLE TV MANHOLE	C
FO	FIBER OPTIC MANHOLE	FO
T	TELEPHONE VAULT	T
FO	FIBER OPTIC VAULT	FO
C	CABLE TV VAULT	C
TCB	TRAFFIC CABINET	TCB OR
CO	SAN. SEWER CLEAN OUT	CO
	SAN. SEWER MANHOLE	
	STORM DRAIN CLEAN OUT	CO
	STORM DRAIN CATCH BASIN (LABELED BY TYPE)	
	STORM DRAIN CULVERT	
	STORM DRAIN MANHOLE (LABELED BY TYPE)	
	EMBEDDED TRAIN DRAIN ASSEMBLY	
	ROCK PROTECTION OUTFALL	
	STORM DRAIN GRATE INLET	
	STORM DRAIN BIORETENTION CLEANOUT (LABELED BY TYPE)	
	STORM TRENCH DRAIN	
	STORM AERIAL DRAIN	
	STORM DOWNSPOUT	
	CURB CUT INLET	
	FDC CONNECTION	

EXISTING		PROPOSED
	JUNCTION BOX TYPE I (Multiple types available see DWT)	
	TYPE 1, PS, OR PEDESTRIAN PUSHBUTTON POLE	
	PEDESTRIAN SIGNAL HEAD	
	RAILROAD CROSSING GATE (Multiple types available see DWT)	
TCB	SIGNAL CONTROLLER CABINET	TCB
	SERVICE CABINET	
	COUPLING	
	AIR RELEASE VALVE	
	OCS POLE FOUNDATION	
	OCS DOWN GUY FOUNDATION	
	UTILITY SETTLEMENT POINT	SSP
	SURFACE SETTLEMENT POINT	USP

WSDOT SYMBOLS

	VMS/LED CABINET
	VARIABLE MESSAGE SIGN
	ADVANCED WARNING SIGN
	CONTROLLER CABINET (RAMP METER OR DATA STATION)
	CCTV CONTROLLER CABINET
	COMMUNICATIONS HUB
	ITS CABLE VAULT
	INDUCTION LOOP VEHICLE DETECTOR (TYPE R1)
	TRAFFIC CONTROLL GATE
	TYPE 1 JUNCTION BOX
	TYPE 2 JUNCTION BOX
	TYPE 3 JUNCTION BOX
	NEMA 4X JUNCTION BOX
	TYPE 6 JUNCTION BOX
	NEMA 7 JUNCTION BOX
	JUNCTION BOX TYPE A
	JUNCTION BOX TYPE B
	ELECTRIC SERVICE SERVICE CABINET (SUA)
	MOTORIST AID TELEPHONE
	LIGHT STANDARD, 2-ARM, METAL
	LIGHT STANDARD, SINGLE ARM, METAL
	HIGH MAST LIGHT STANDARD, 4 ARMS, METAL
	HIGH MAST LIGHT STANDARD, 3 ARMS, METAL
PB	ITS PULL BOX
	MODIFIED TYPE 2 INDUCTION LOOP VEHICLE DETECTOR
	ELECTRONIC SIGN
	TRANSFORMER CABINET
	UNDERDECK LUMINAIRE
	HARS CONTROLLER CABINET
	GUY POLE W/ ANCHOR
	TYPE 2 INDUCTION LOOP VEHICLE DETECTOR
	OVERHEAD CHANGEABLE MESSAGE SIGN (CMS)
	TYPE 1 SIGNAL STANDARD WITH SIGNAL HEADS
	CCTV CAMERA
	TYPE 2 SIGNAL POLE WITH 2 SIGNALS

EXISTING	UTILITY LINE	PROPOSED
C	CABLE TV UNDERGROUND	C
OC	CABLE TV OVERHEAD	OC
E	ELECTRIC UNDERGROUND	E
EFO	ELECTRIC/FIBER OPTIC UNDERGROUND	EFO
OE OE	ELECTRIC OVERHEAD	OE
OEC	ELECTRIC/CABLE TV OVERHEAD	OEC
ET ET	ELECTRIC/TELEPHONE	ET
OET	ELECTRIC/TELEPHONE OVERHEAD	OET
OETC	ELECTRIC/TELEPHONE/CABLE OVERHEAD	OEC
OEFO	ELECTRIC/FIBER OPTIC OVERHEAD	OEFO
FO	FIBER OPTIC	FO
OETFO	TELEPHONE/CABLE/FIBER OPTIC	TCFO
TC TC	TELEPHONE/CABLE TV	TC
G	GAS	G
SS	SANITARY SEWER	SS
STE	STEAM	STE
SD	STORM DRAIN	SD
	STORM DRAIN OVERHEAD	OSD
UD	UNDERDRAIN	UD
CS	COMBINED SEWER	CS
T	TELEPHONE	T
OT OT	TELEPHONE OVERHEAD	OT
FO	FIBER OPTIC OVERHEAD	FO
W	WATER	W
	GUY WIRE	X

UNDERGROUND UTILITIES W/ A DIAMETER OR WIDTH 24" & GREATER

24" E	ELECTRIC DUCT BANK	E (2'W X 2'D DB)
24" G	GAS	24" G
24" SS	SANITARY SEWER	24" SS
24" SD	STORM DRAIN	24" SD
24" CS	COMBINED SEWER	24" CS
24" W	WATER	24" W
T (2' W X 2' D DB)	TELEPHONE DUCT BANK	T (2'W X 2'D DB)
T&FO (2' W X 2' D DB)	TELEPHONE/FIBER OPTIC DUCT BANK	T&FO (2'W X 2'D DB)
24" CC	CONCRETE CULVERT	24" CC
24" STE	STEAM	24" STE

EXISTING		PROPOSED
	GRADE LINE	
	RETAINING WALL ALIGNMENT (REVERSIBLE CUT/FILL)	
	BALLAST WALL	
	ACOUSTIC PANELS	AP AP
NW NW	NOISE WALLS	NW
X	FENCE	X X
	SAW CUT	
XXX	MAJOR CONTOUR	XXX
	MINOR CONTOUR	
	GUARD RAIL	I I
	CONTRACTOR WORKING LIMITS	
	TOP OF CUT	C
	TOE OF FILL	F
	CLEARING AND GRUBBING LIMITS	
	DITCH LINE	>
ES	ESTIMATED STREAM	
	MECHANICAL FIRE PIPE	DSP
	CONSTRUCTION FENCE	
	WALL RAILING	
	CONCRETE BARRIER	
	STORM DRAIN CASING	
	IMPACT AREA LIMIT	

MAINTENANCE OF TRAFFIC

CONSTRUCTION SIGN - CLASS A	

FOR REFERENCE ONLY

DESIGNED BY: A. KOLZOW
DRAWN BY: A. KOLZOW
CHECKED BY: S. BARTLETT
APPROVED BY: P. BARNEY

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZN107-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
GENERAL SYMBOLS AND LEGEND

DRAWING No.: GEN-GZN107-CG4
FACILITY ID: GEN
SHEET No.: 9
REV:

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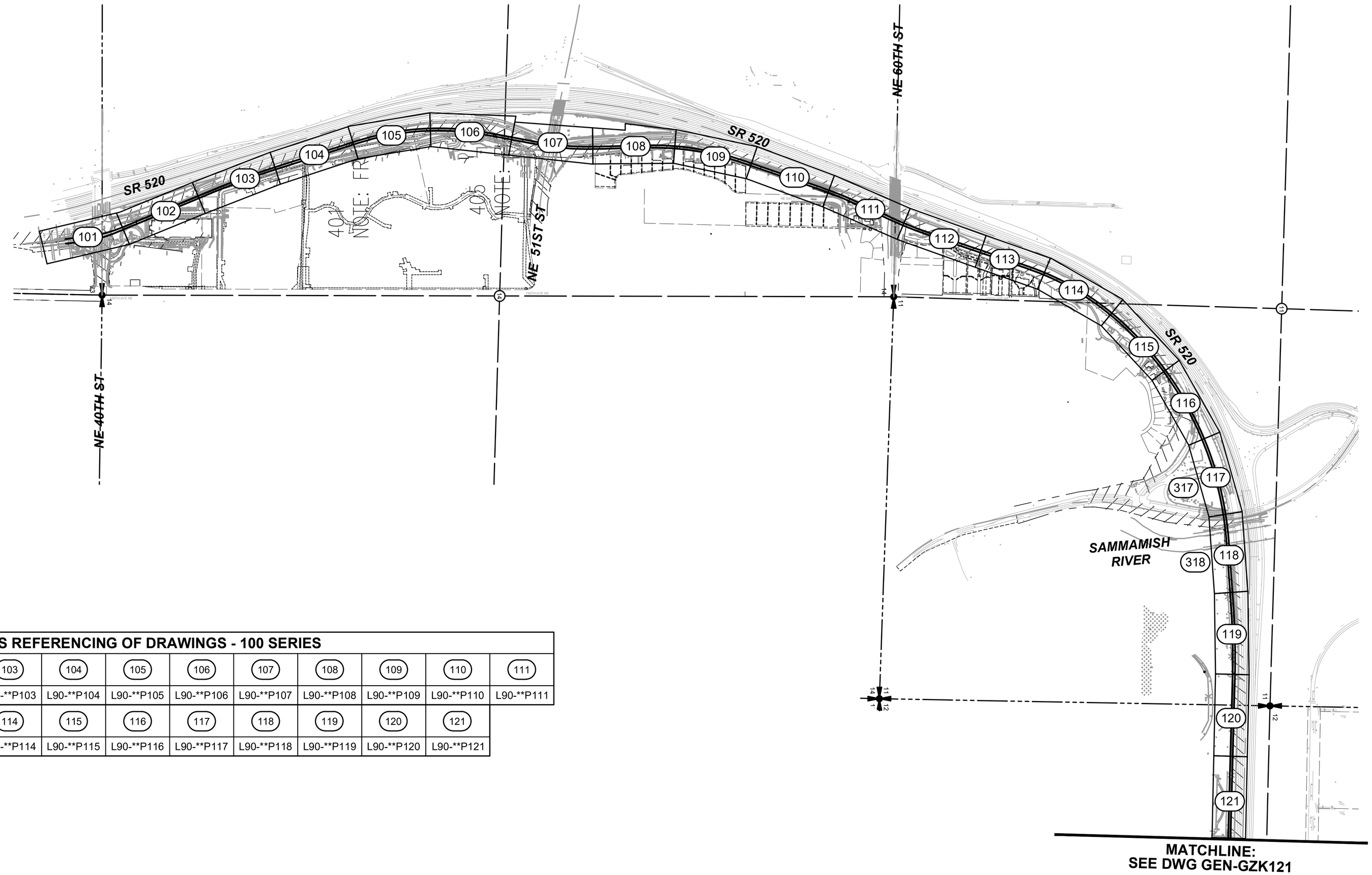
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xR200-L90h-KAP100
xDRLE-GIS-VSF
xDRLE-L90-VSF
gb-seal-sat54973
xR200-L90-CG4-GZK020a
GB-SEAL-SB33732



CROSS REFERENCING OF DRAWINGS - 100 SERIES											
BASE SHEET TITLE	101	102	103	104	105	106	107	108	109	110	111
1"=20' DRAWING SETS	L90-**P101	L90-**P102	L90-**P103	L90-**P104	L90-**P105	L90-**P106	L90-**P107	L90-**P108	L90-**P109	L90-**P110	L90-**P111
BASE SHEET TITLE	112	113	114	115	116	117	118	119	120	121	
1"=20' DRAWING SETS	L90-**P112	L90-**P113	L90-**P114	L90-**P115	L90-**P116	L90-**P117	L90-**P118	L90-**P119	L90-**P120	L90-**P121	
BASE SHEET TITLE	317	318									
1"=20' DRAWING SETS	L90-**P318	L90-**P320									

**P = DESIGN ELEMENT PLAN VIEW DESIGNATION

*** = DESIGN ELEMENT DESIGNATION
CTP - TESC
CWP - WALL PROFILES
CXP - HAUL ROAD PLAN AND PROFILE
TPP - TREE REMOVAL AND PROTECTION

400 200 0 400 800
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: A. KOLZOW
DRAWN BY: A. KOLZOW
CHECKED BY: S. BARTLETT
APPROVED BY: P. BARNEY

REVIEWED BY: J. SCHETTLER
SUBMITTED BY: A. TISCAREÑO

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZK122-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
KEY LAYOUT INDEX OF 1" = 20' PLANS

DRAWING No.: GEN-GZK122-CG4
FACILITY ID: GEN
SHEET No.: 10
REV:

07/28/20 | 6:21 PM | CL071971
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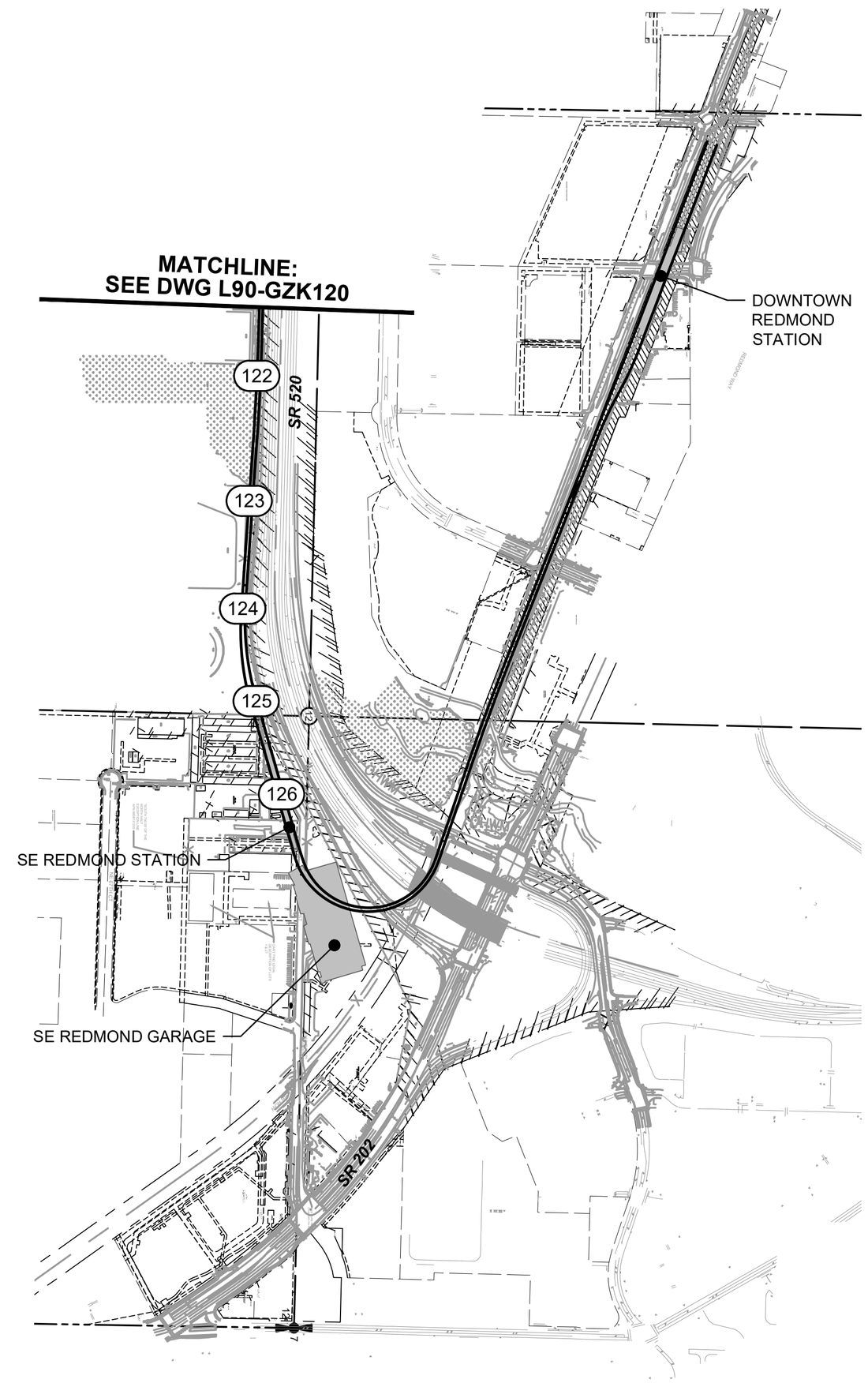
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xR200-L90h-KAP100
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90a-CAP100
xR200-L90-CG4-GZK020a
GB-SEAL-SB33732
xR200-L90-CG4-GZK040

CROSS REFERENCING OF DRAWINGS - 100 SERIES					
BASE SHEET TITLE	122	123	124	125	126
1"=20' DRAWING SETS	L90-**P122	L90-**P123	L90-**P124	L90-**P125	L90-**P126

**P = DESIGN ELEMENT PLAN VIEW DESIGNATION

*** = DESIGN ELEMENT DESIGNATION
CTP - TESC
CWP - WALL PROFILES
CXP - HAUL ROAD PLAN AND PROFILE
TPP - TREE REMOVAL AND PROTECTION



N

400 200 0 400 800
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: A. KOLZOW
DRAWN BY: A. KOLZOW
CHECKED BY: S. BARTLETT
APPROVED BY: P. BARNEY

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZK123-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
KEY LAYOUT INDEX OF 1" = 20' PLANS

DRAWING No.: GEN-GZK123-CG4
FACILITY ID: GEN
SHEET No.: 11
REV:

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Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xR200-L90h-KAP100
xR200-L90-GZK040
xDRLE-L90-VSF
xDRLE-GIS-VSF
GB-SEAL-SB33732
xR200-L90-CG4-GZK040

CROSS REFERENCING OF DRAWINGS

BASE SHEET TITLE	01	02	03	04	05	06	07	08
1"=40' DRAWING SETS	L90-**P*01	L90-**P*02	L90-**P*03	L90-**P*04	L90-**P*05	L90-**P*06	L90-**P*07	L90-**P*08
BASE SHEET TITLE	08A	09	10	11	12			
1"=40' DRAWING SETS	L90-**P*09	L90-**P*09	L90-**P10	L90-**P*11	L90-**P*12			

**P = DESIGN ELEMENT PLAN VIEW DESIGNATION

*** = DESIGN ELEMENT DESIGNATION
CTP - TESC
CXP - HAUL ROAD

FOR REFERENCE ONLY

DESIGNED BY: A. KOLZOW
DRAWN BY: A. KOLZOW
CHECKED BY: S. BARTLETT
APPROVED BY: P. BARNEY

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-GEN-GZK140-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
KEY LAYOUT INDEX OF 1" = 40' PLANS

DRAWING No.: GEN-GZK140-CG4
FACILITY ID: GEN
SHEET No.: 12
REV:

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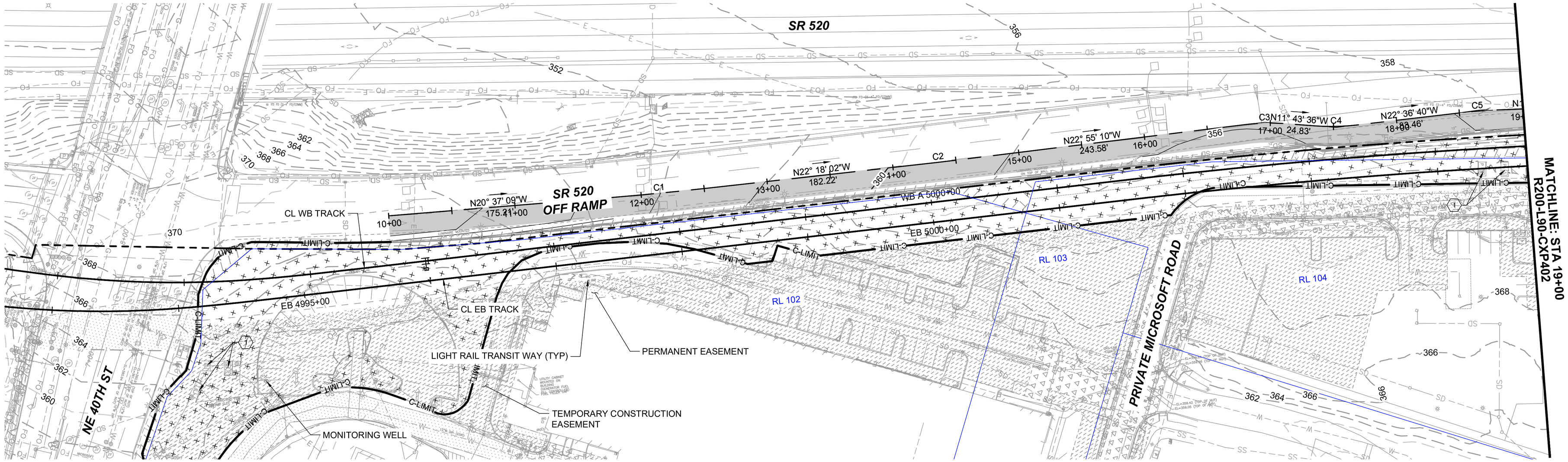
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200-L90a-RPP100
xR200-L90-CG4-CON100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xr200-l90a-hp100
xr200-l90h-kap100
xR200-L90-LIP100-CG4
xDRLE-L90-VUT
xDRLE-GIS-VUT
CG4-GEN-LIMITS
xDRLE-GIS-VFP
xDRLE-GIS-VSF
xR200-L90-CG4-TMP090

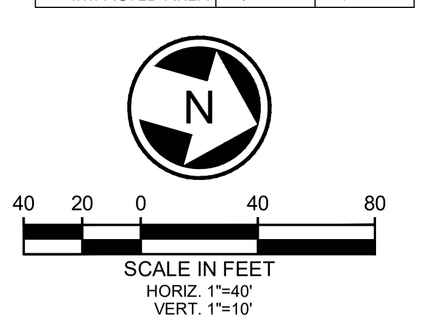


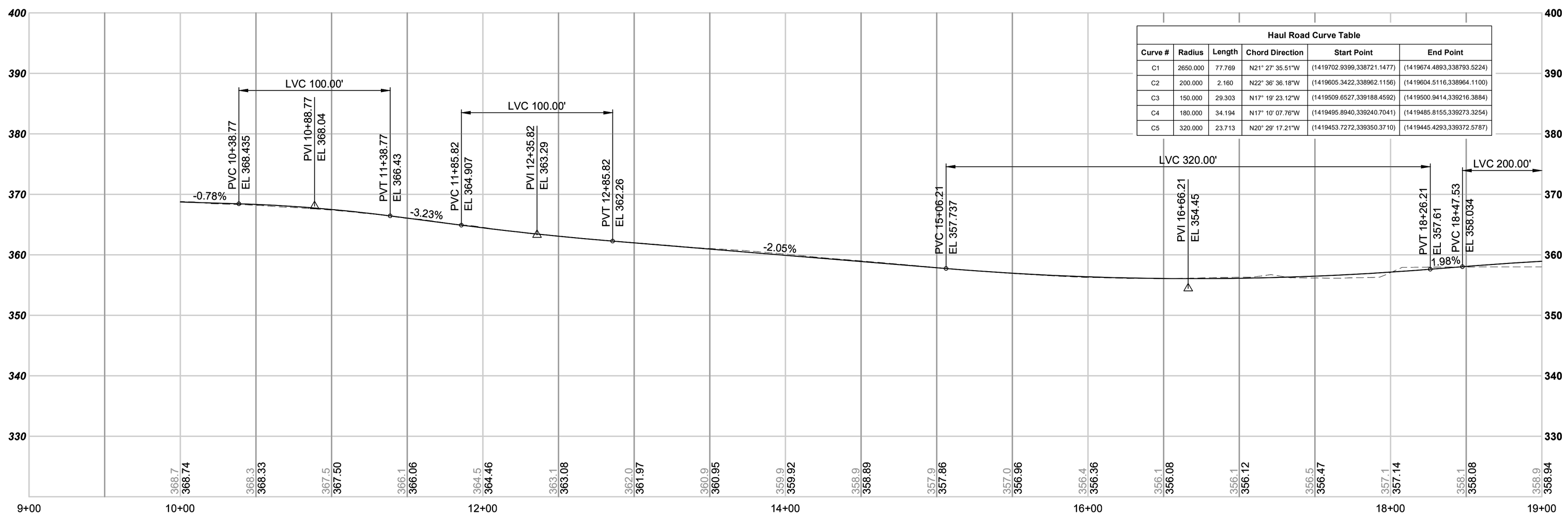
NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

SITE AREA		DISTURBED AREA
SQ. FT.	ACRES	ACRES
1,185,000	27.2	22.9

CG-4 HAUL ROAD IMPACTS		
CUT	2,490	CUYD
FILL	13,411	CUYD
IMPACTED AREA	26,195	SQYD





Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	2650.000	77.769	N21° 27' 35.51"W	(1419702.9399,338721.1477)	(1419674.4893,338793.5224)
C2	200.000	2.160	N22° 36' 36.18"W	(1419605.3422,338962.1156)	(1419604.5116,338964.1100)
C3	150.000	29.303	N17° 19' 23.12"W	(1419509.6527,339188.4592)	(1419500.9414,339216.3884)
C4	180.000	34.194	N17° 10' 07.76"W	(1419495.8940,339240.7041)	(1419485.8155,339273.3254)
C5	320.000	23.713	N20° 29' 17.21"W	(1419453.7272,339350.3710)	(1419445.4293,339372.5787)

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP401
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 9+00 TO STA 19+00

DRAWING No.: L90-CXP401
FACILITY ID:
SHEET No.: 13
REV:

07/28/20 | 6:32 PM | CL071971
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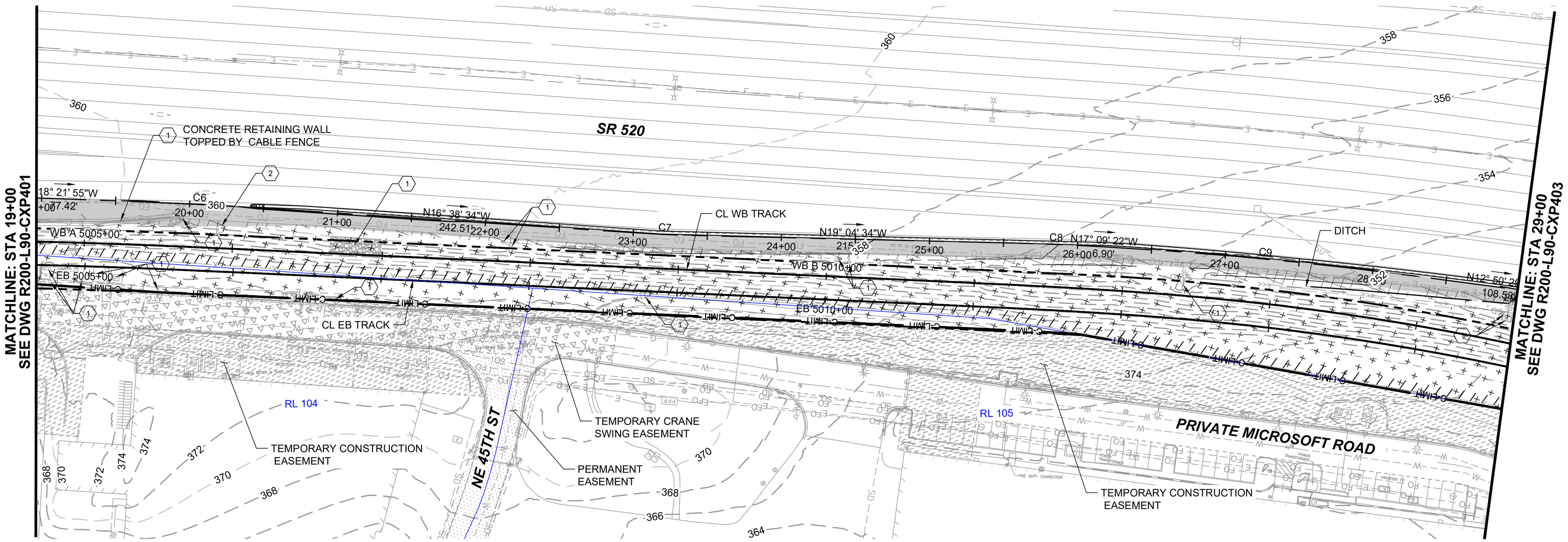
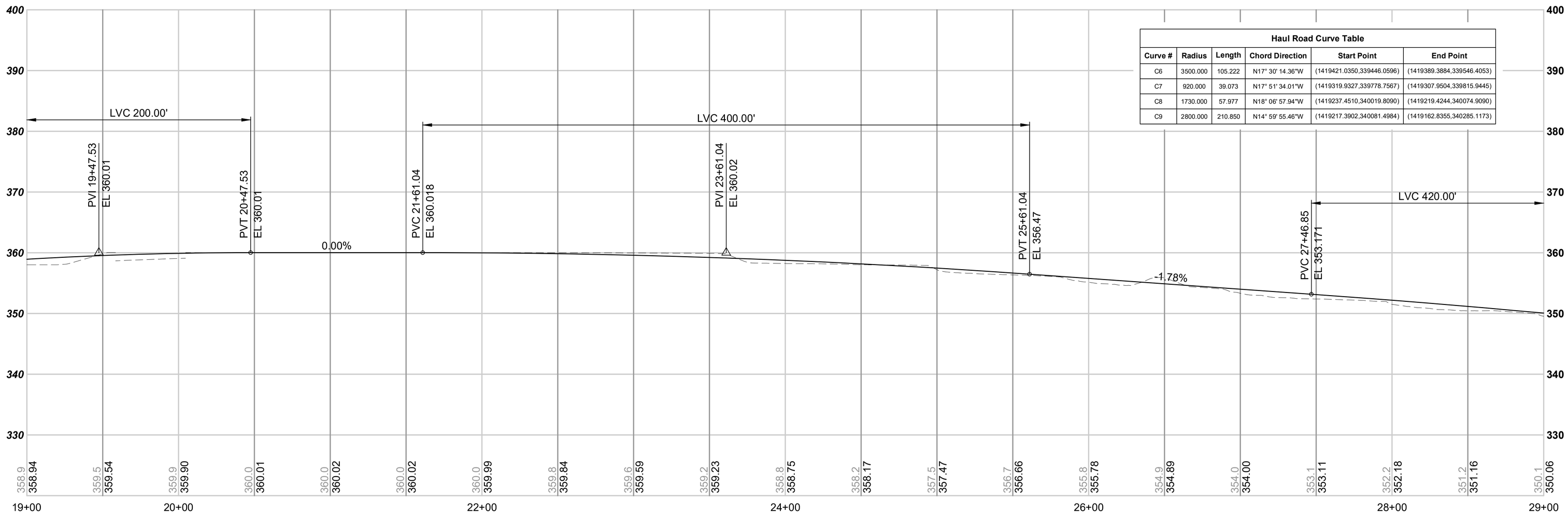
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VSF
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90a-rhp100
xr200-l90h-kap100
xr200-l90-lip100
xr200-l90-lip100-cg4
xr200-l90-cg4-con100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xDRLE-L90-VUT
xR200-L90-CG4-TMP090





Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C6	3500.000	105.222	N17° 30' 14.36"W	(1419421.0350,339446.0596)	(1419389.3884,339546.4053)
C7	920.000	39.073	N17° 51' 34.01"W	(1419319.9327,339778.7567)	(1419307.9504,339815.9445)
C8	1730.000	57.977	N18° 06' 57.94"W	(1419237.4510,340019.8090)	(1419219.4244,340074.9090)
C9	2800.000	210.850	N14° 59' 55.46"W	(1419217.3902,340081.4984)	(1419162.8355,340285.1173)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP402
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

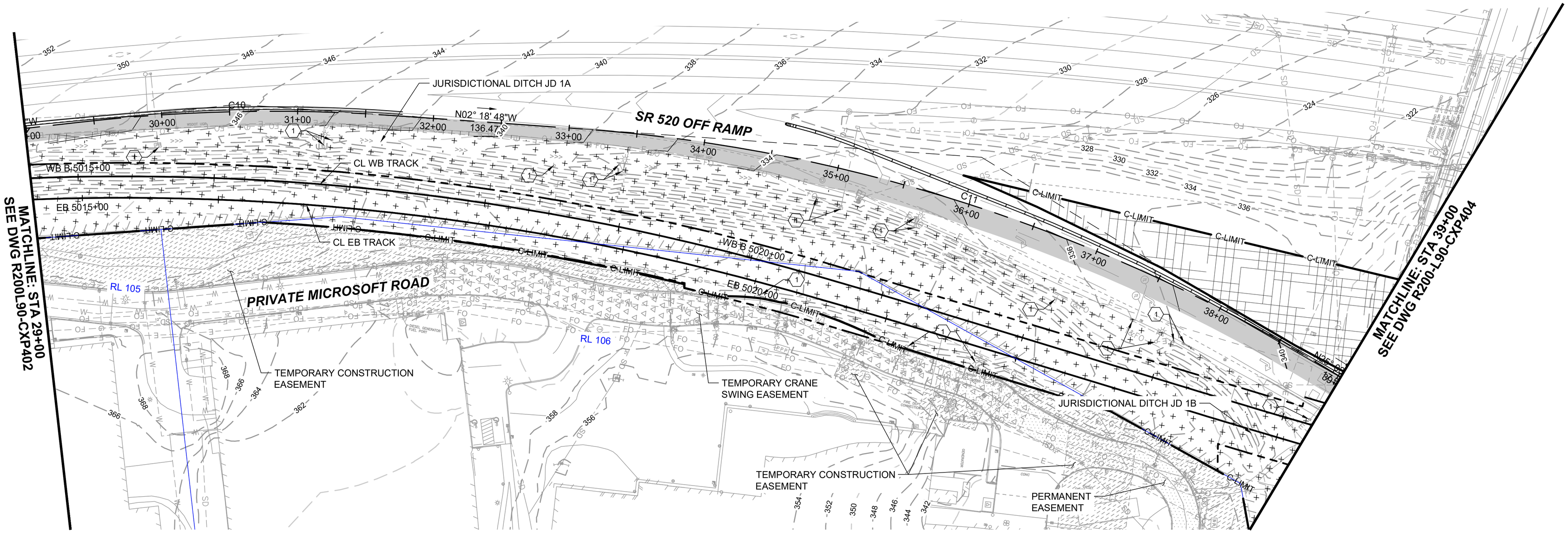
CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 19+00 TO STA 29+00

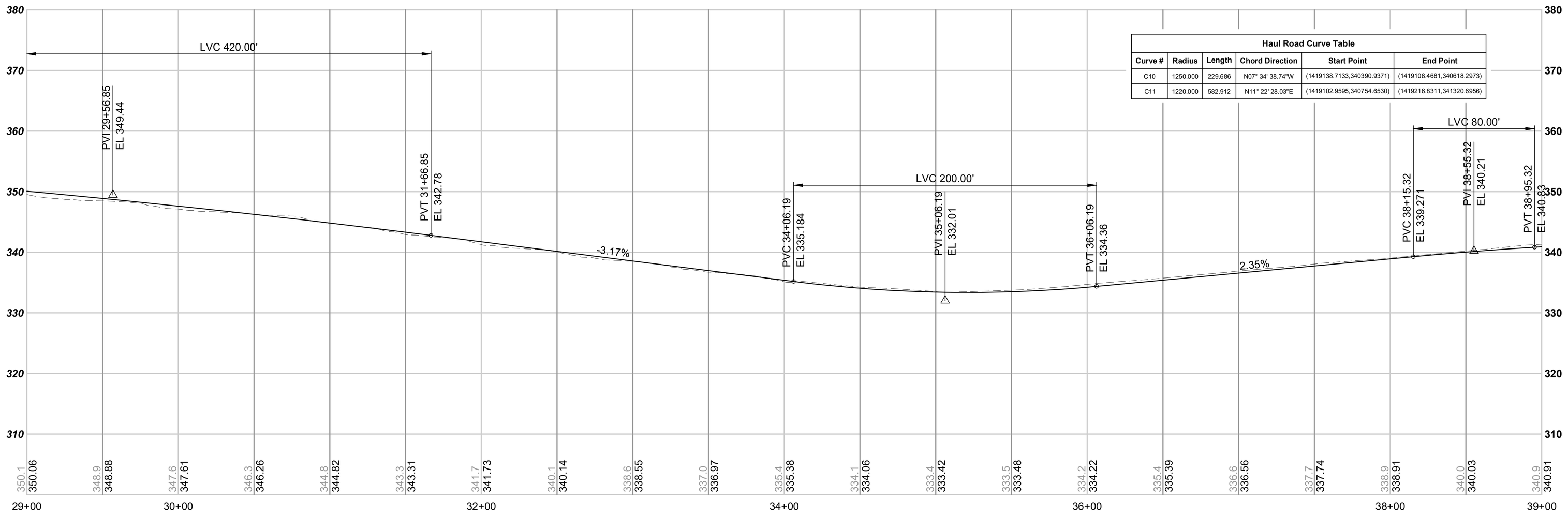
DRAWING No.: L90-CXP402
FACILITY ID:
SHEET No.: 14
REV:

07/29/20 | 11:13 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP402.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-L90a-CEP200
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90a-rhp100
xr200-l90h-kap100
xr200-l90-lip100-cg4
xr200-l90-cg4-con100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-TMP090





Haul Road Curve Table

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C10	1250.000	229.686	N07° 34' 38.74"W	(1419138.7133,340390.9371)	(1419108.4681,340618.2973)
C11	1220.000	582.912	N11° 22' 28.03"E	(1419102.9595,340754.6530)	(1419216.8311,341320.6956)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP403
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

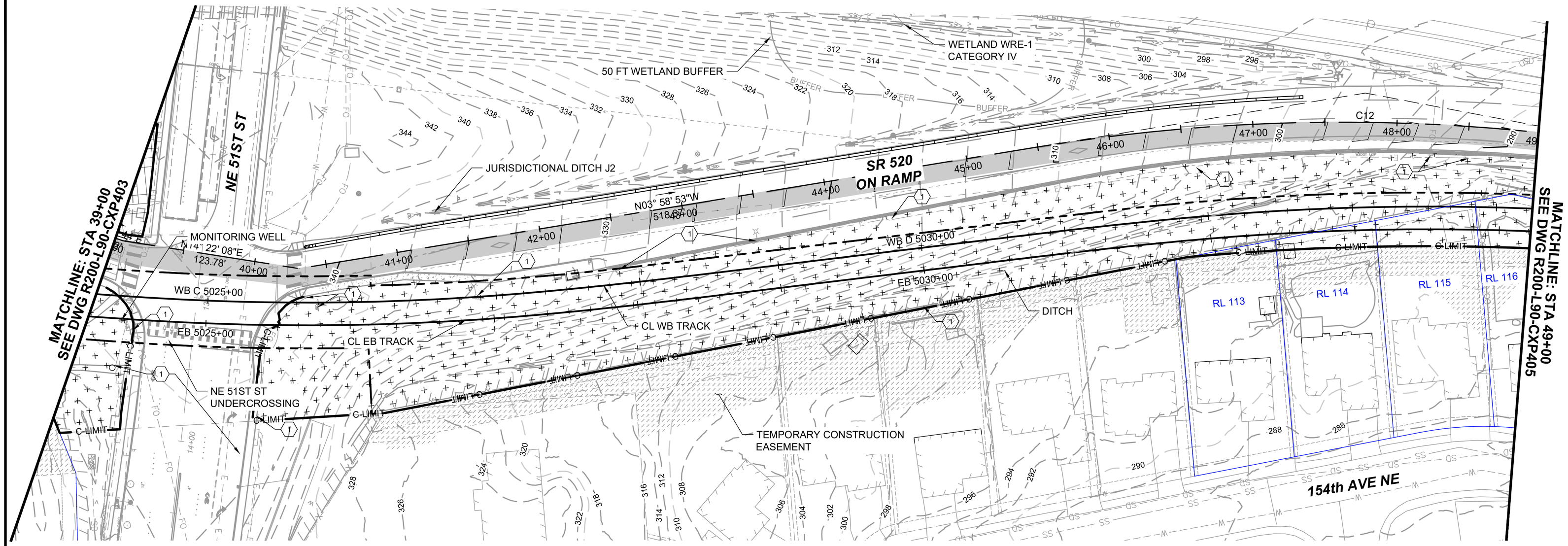
CLEARING AND GRADING
HAUL ROAD PLAN & PROFILE
STA 29+00 TO STA 39+00

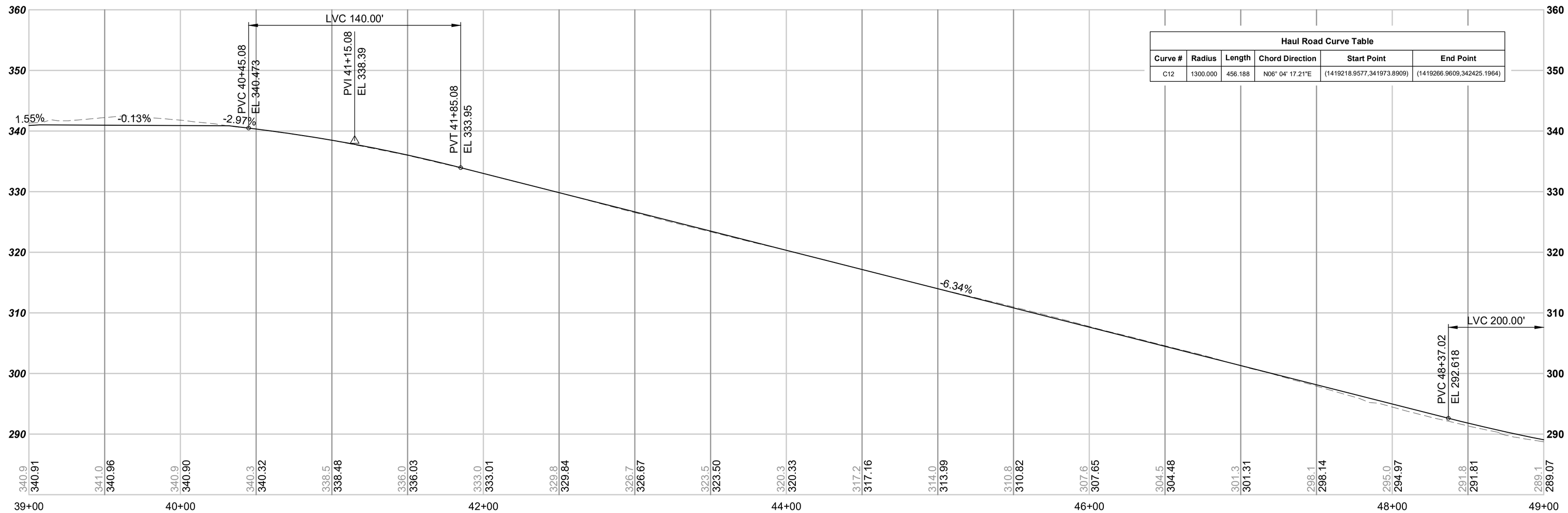
DRAWING No.: L90-CXP403
FACILITY ID:
SHEET No.: 15
REV:

07/28/20 | 7:40 PM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP403.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-L90-CG4-CON100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xDRLE-GIS-VFP
xR200-L90-LIP100-CG4
xR200-L90a-RHP100
xR200-L90h-KAP100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-TMP090





Haul Road Curve Table

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C12	1300.000	456.188	N06° 04' 17.21"E	(1419218.9577,341973.8909)	(1419266.9609,342425.1964)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP404
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

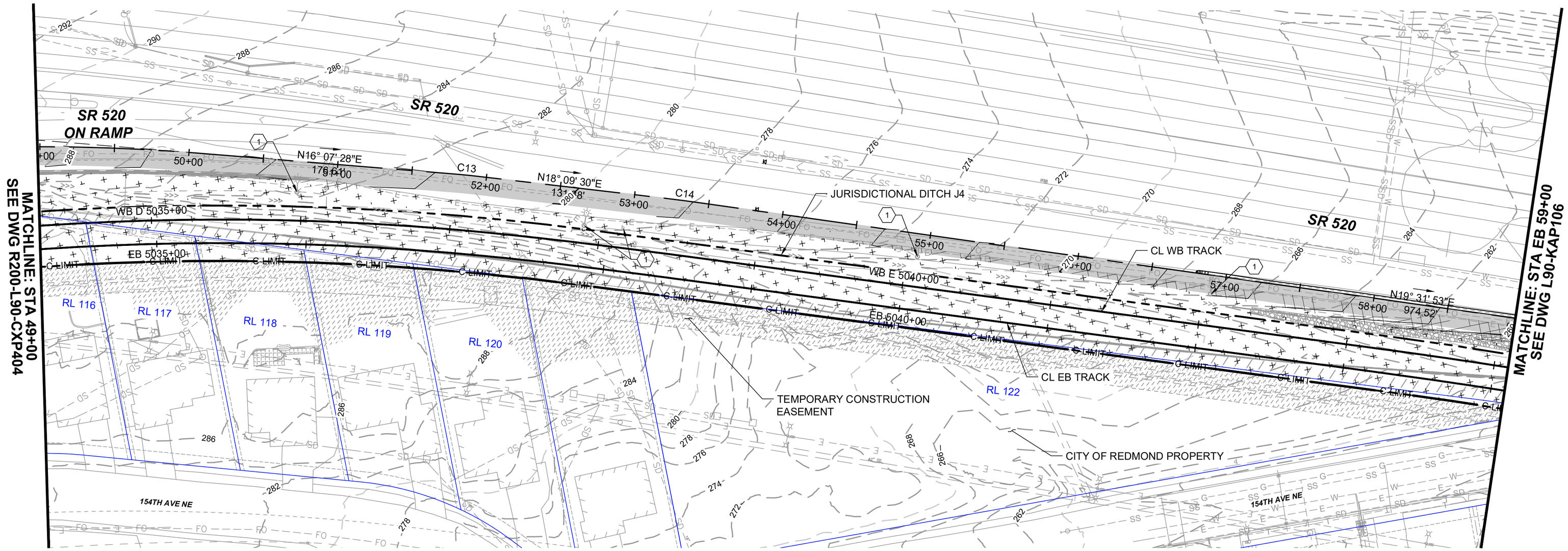
CLEARING AND GRADING PERMINT #4
HAUL ROAD PLAN & PROFILE
STA 39+00 TO STA 49+00

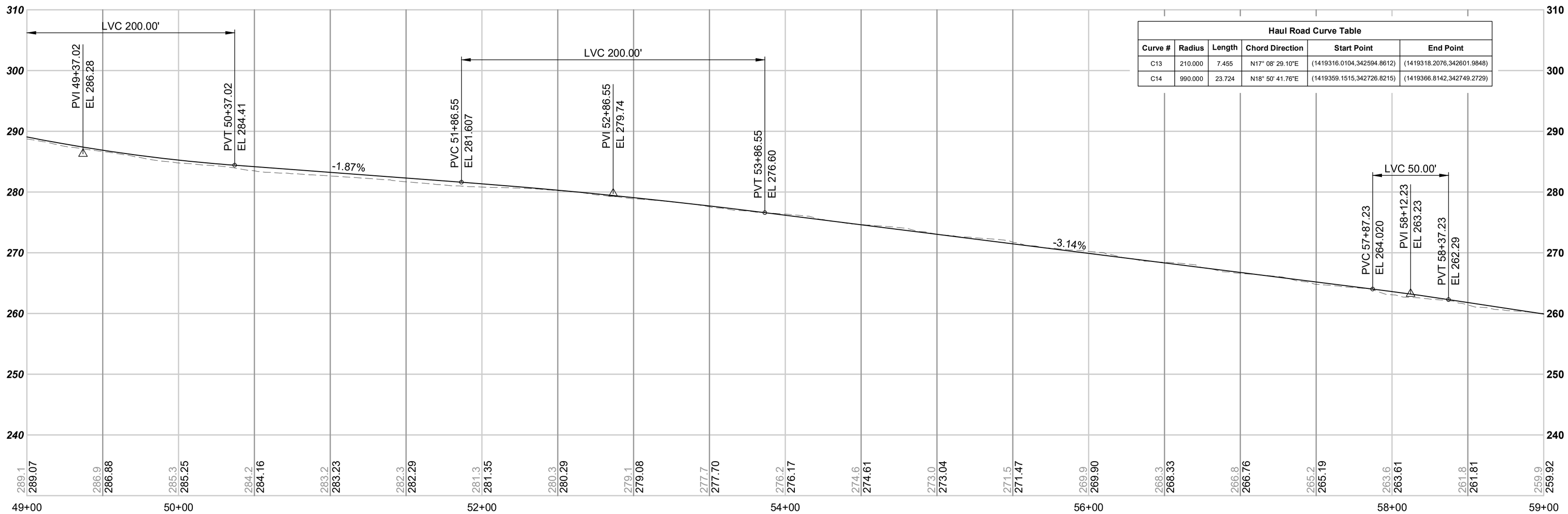
DRAWING No.: L90-CXP404
FACILITY ID:
SHEET No.: 16
REV:

07/28/20 | 7:42 PM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP404.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200-L90a-RPP100
xDRLE-L90-VUT
xDRLE-GIS-VUT
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-rhp100
xr200-l90h-kap100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090





Haul Road Curve Table

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C13	210.000	7.455	N17° 08' 29.10"E	(1419316.0104,342594.8612)	(1419318.2076,342601.9848)
C14	990.000	23.724	N18° 50' 41.76"E	(1419359.1515,342726.8215)	(1419366.8142,342749.2729)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP405
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 49+00 TO STA 59+00

DRAWING No.: L90-CXP405
FACILITY ID:
SHEET No.: 17
REV:

07/28/20 | 7:45 PM | CL071971
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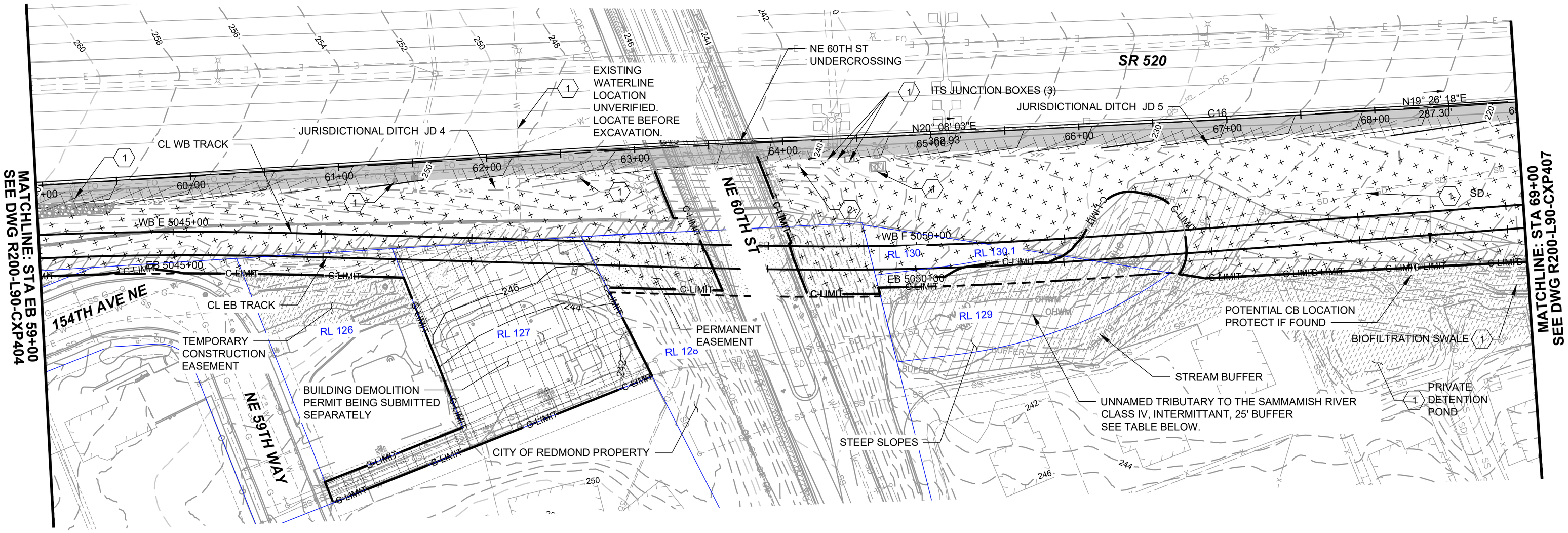
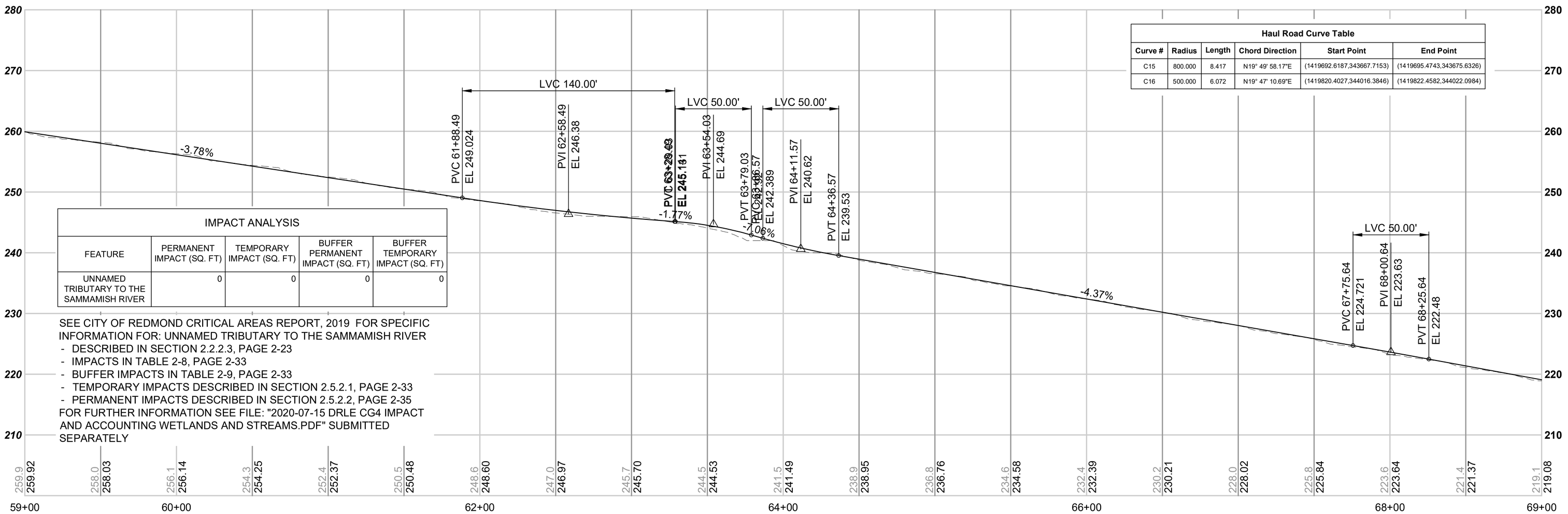
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-hp100
xr200-l90h-kap100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-AGHA-SLOPE
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING





Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C15	800.000	8.417	N19° 49' 58.17"E	(1419692.6187,343667.7153)	(1419695.4743,343675.6326)
C16	500.000	6.072	N19° 47' 10.69"E	(1419820.4027,344016.3846)	(1419822.4582,344022.0984)

IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
UNNAMED TRIBUTARY TO THE SAMMAMISH RIVER	0	0	0	0

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR: UNNAMED TRIBUTARY TO THE SAMMAMISH RIVER
- DESCRIBED IN SECTION 2.2.2.3, PAGE 2-23
- IMPACTS IN TABLE 2-8, PAGE 2-33
- BUFFER IMPACTS IN TABLE 2-9, PAGE 2-33
- TEMPORARY IMPACTS DESCRIBED IN SECTION 2.5.2.1, PAGE 2-33
- PERMANENT IMPACTS DESCRIBED IN SECTION 2.5.2.2, PAGE 2-35

FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4 IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF" SUBMITTED SEPARATELY

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP406
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 59+00 TO STA 69+00

DRAWING No.: L90-CXP406
FACILITY ID:
SHEET No.: 18
REV:

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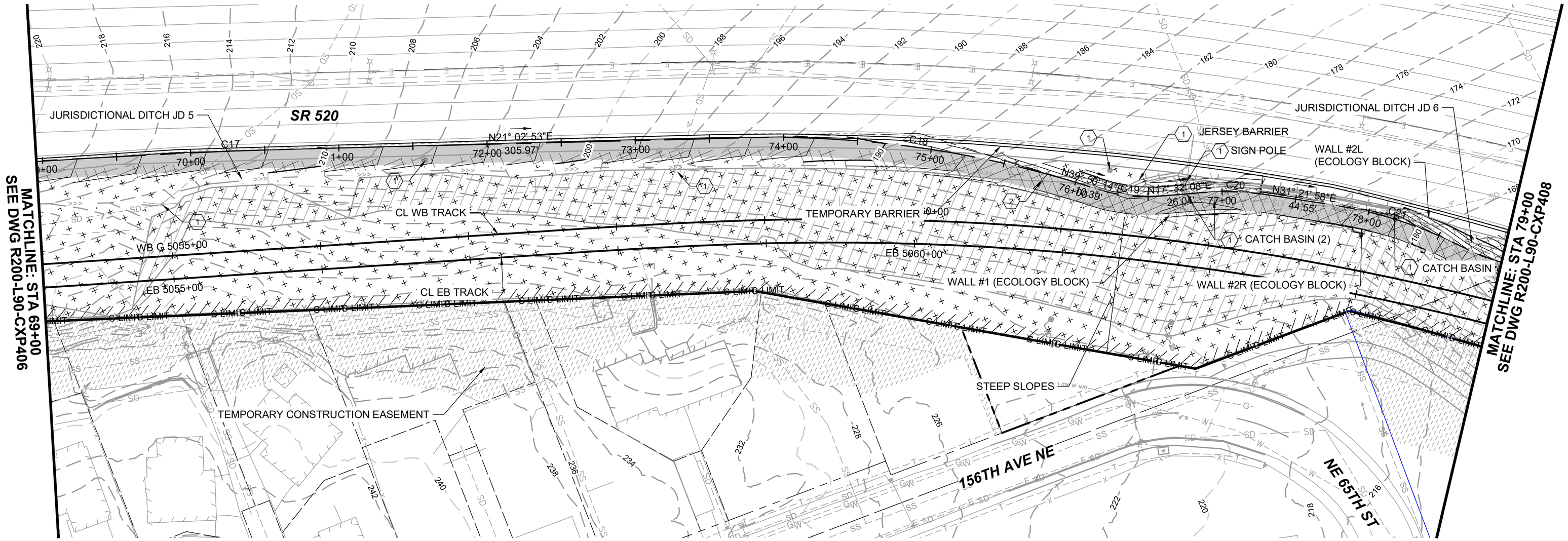
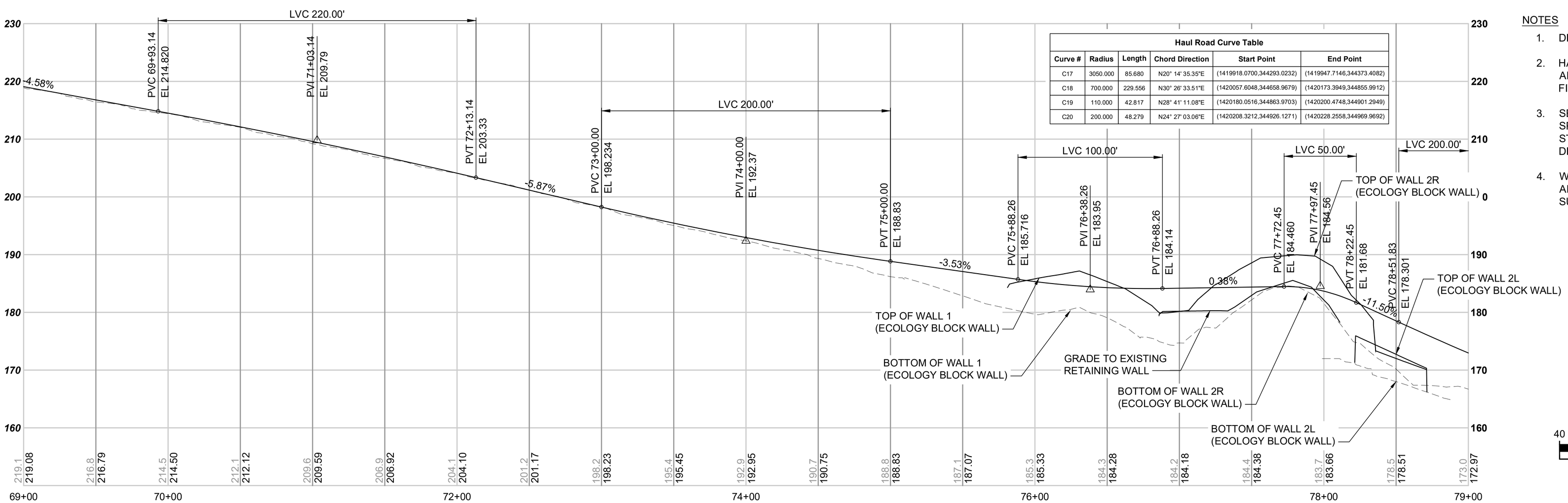
Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200_MOT_SR520Shift
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
CG4-PERMIT-ONLY-NOTE
xDRLE-GEN-STREETS
xDRLE-GIS-VFP
xR200-L90-LIP100-CG4
xR200-L90a-RHP100
xR200-L90h-KAP100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090





Haul Road Curve Table

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C17	3050.000	85.680	N20° 14' 35.35"E	(1419918.0700,344293.0232)	(1419947.7146,344373.4082)
C18	700.000	229.556	N30° 26' 33.51"E	(1420057.6048,344658.9679)	(1420173.3949,344855.9912)
C19	110.000	42.817	N28° 41' 11.08"E	(1420180.0516,344863.9703)	(1420200.4748,344901.2949)
C20	200.000	48.279	N24° 27' 03.06"E	(1420208.3212,344926.1271)	(1420228.2558,344969.9692)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80

SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY:	G. HOOKER
DRAWN BY:	A. KOLZOW
CHECKED BY:	P. BARNEY
APPROVED BY:	S. BARTLETT
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	H: 1" = 40'; V: 1" = 10'
FILENAME:	R200-L90-CXP407
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/15/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

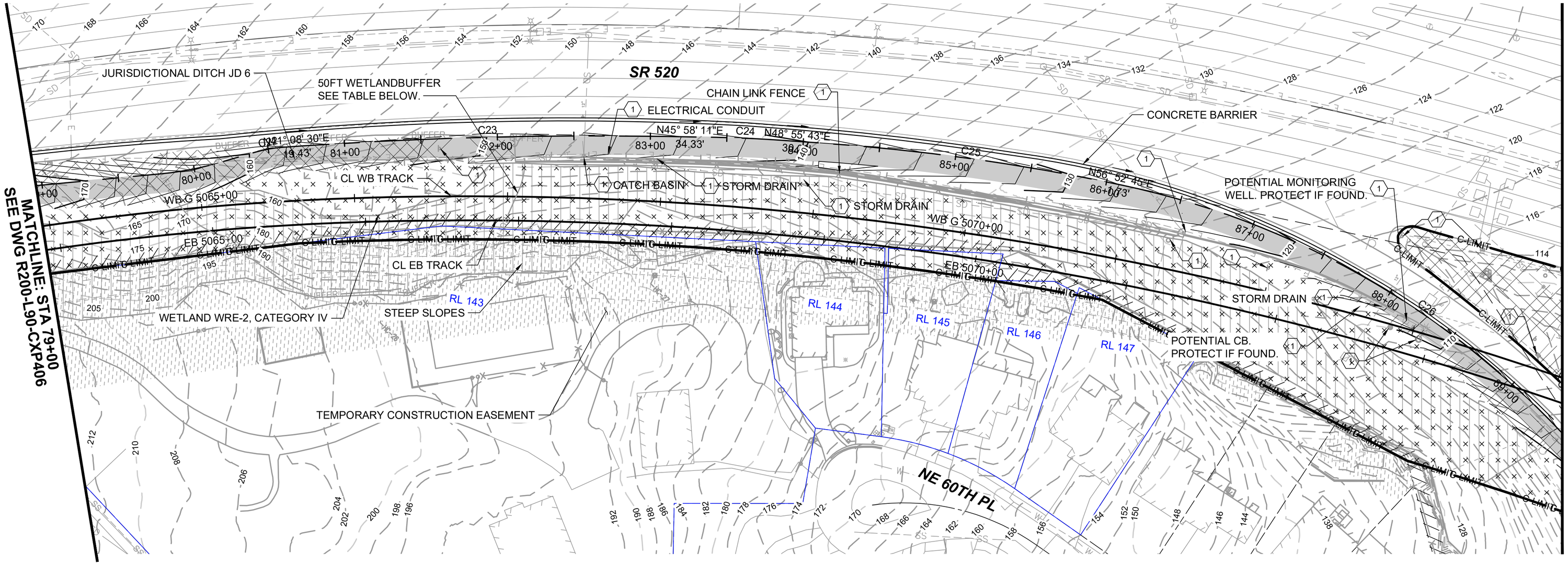
CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 69+00 TO STA 79+00

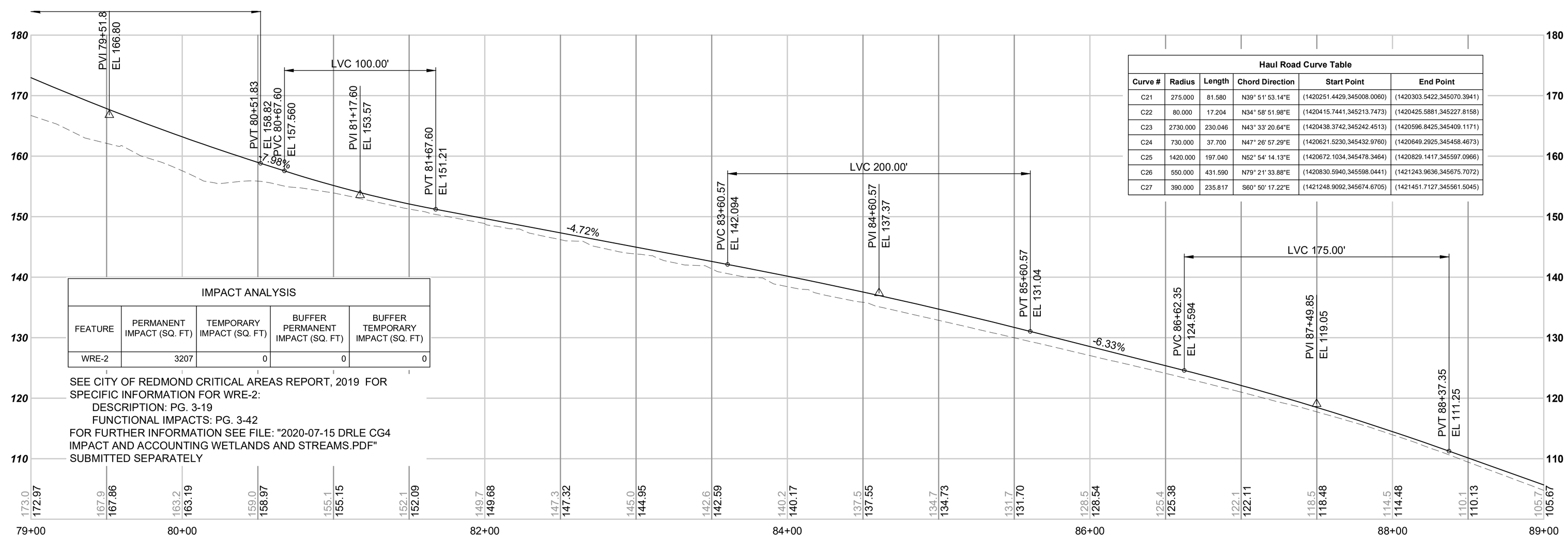
DRAWING No.: L90-CXP407
FACILITY ID:
SHEET No.: 19
REV:

07/29/20 | 9:45 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP407.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-rhp100
xr200-l90h-kap100
xDRLE-L90-VUT
xDRLE-GIS-VUT
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING





Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C21	275.000	81.580	N39° 51' 53.14"E	(1420251.4429,345008.0060)	(1420303.5422,345070.3941)
C22	80.000	17.204	N34° 58' 51.98"E	(1420415.7441,345213.7473)	(1420425.5881,345227.8158)
C23	2730.000	230.046	N43° 33' 20.64"E	(1420438.3742,345242.4513)	(1420596.8425,345409.1171)
C24	730.000	37.700	N47° 26' 57.29"E	(1420621.5230,345432.9760)	(1420649.2925,345458.4673)
C25	1420.000	197.040	N52° 54' 14.13"E	(1420672.1034,345478.3464)	(1420829.1417,345597.0966)
C26	550.000	431.590	N79° 21' 33.88"E	(1420830.5940,345598.0441)	(1421243.9636,345675.7072)
C27	390.000	235.817	S60° 50' 17.22"E	(1421248.9092,345674.6705)	(1421451.7127,345561.5045)

IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
WRE-2	3207	0	0	0

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR
SPECIFIC INFORMATION FOR WRE-2:
DESCRIPTION: PG. 3-19
FUNCTIONAL IMPACTS: PG. 3-42
FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4
IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF"
SUBMITTED SEPARATELY

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
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N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP408
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

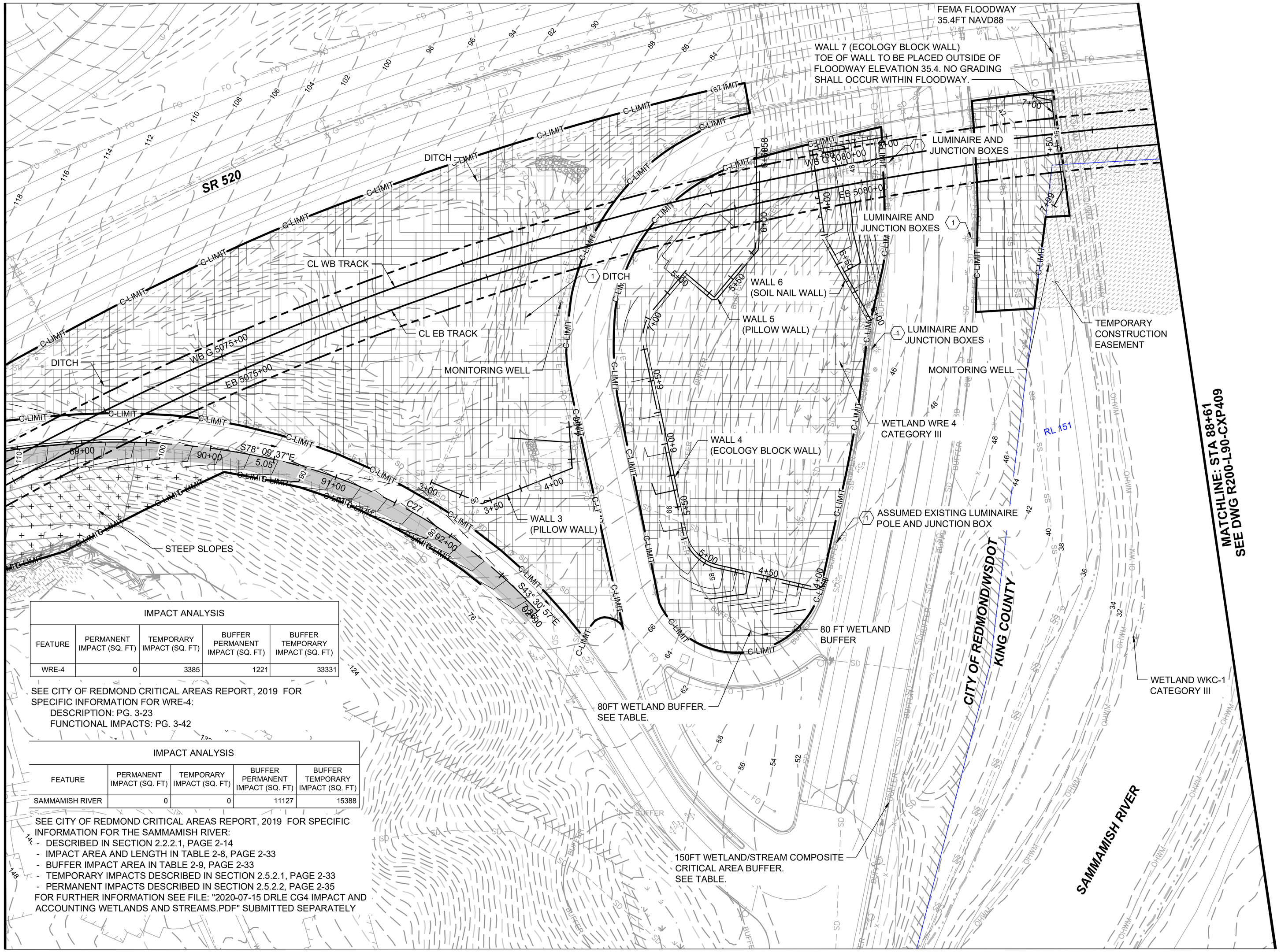
CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 79+00 TO STA 89+00

DRAWING No.: L90-CXP408
FACILITY ID:
SHEET No.: 20
REV:

07/28/20 | 9:03 PM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP408.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GIS-VFP
xR200-L90a-SFP101
xDRLE-GEN-STREETS
xR200-L90-LIP100-CG4
xr200-l90a-hp100
xr200-l90h-kap100
xDRLE-L90-VUT
xDRLE-GIS-VUT
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING
xR200-L90-VFP



IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
WRE-4	0	3385	1221	33331

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR WRE-4:
DESCRIPTION: PG. 3-23
FUNCTIONAL IMPACTS: PG. 3-42

IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
SAMMAMISH RIVER	0	0	11127	15388

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR THE SAMMAMISH RIVER:
- DESCRIBED IN SECTION 2.2.2.1, PAGE 2-14
- IMPACT AREA AND LENGTH IN TABLE 2-8, PAGE 2-33
- BUFFER IMPACT AREA IN TABLE 2-9, PAGE 2-33
- TEMPORARY IMPACTS DESCRIBED IN SECTION 2.5.2.1, PAGE 2-33
- PERMANENT IMPACTS DESCRIBED IN SECTION 2.5.2.2, PAGE 2-35

FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4 IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF" SUBMITTED SEPARATELY

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: 1" = 40'
FILENAME: R200-L90-CXP408A
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

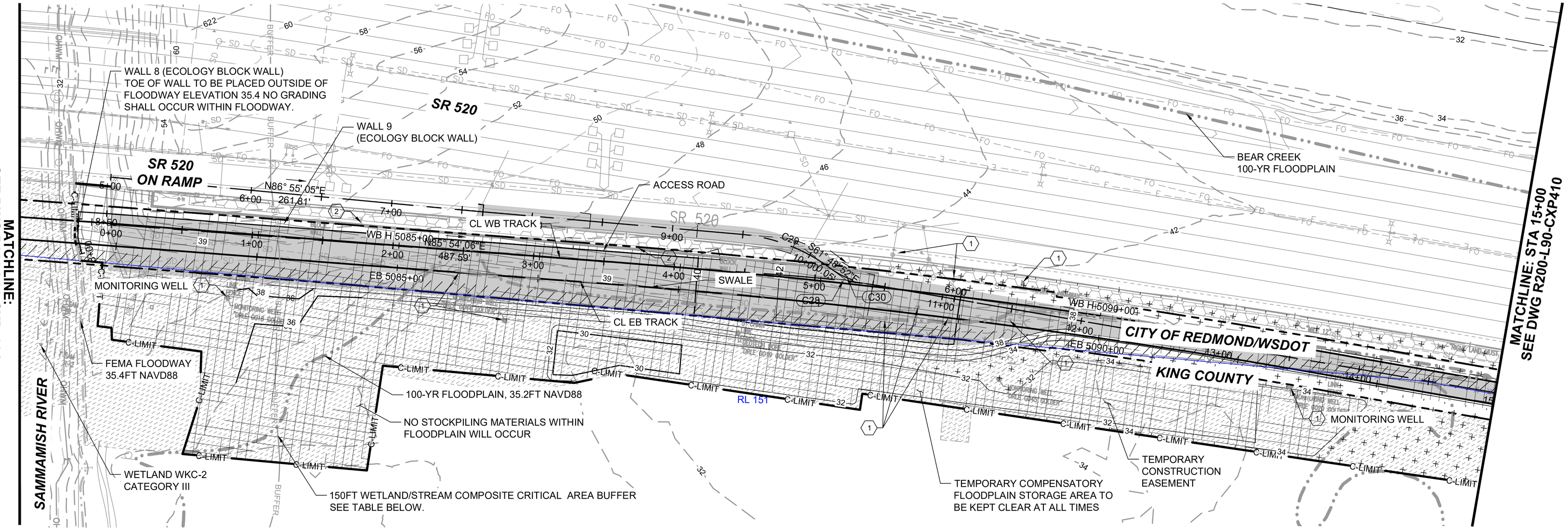
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
WEST LAKE SAMMAMISH PKWY VICINITY

DRAWING No.: L90-CXP408A
FACILITY ID:
SHEET No.: 21
REV:

07/28/20 | 9:12 PM | CL07197
C:\PWWORKING\JACOBS_B&I\JEG_CL07197\D0235446\R200-L90-CXP408A.DWG

Attachment 4

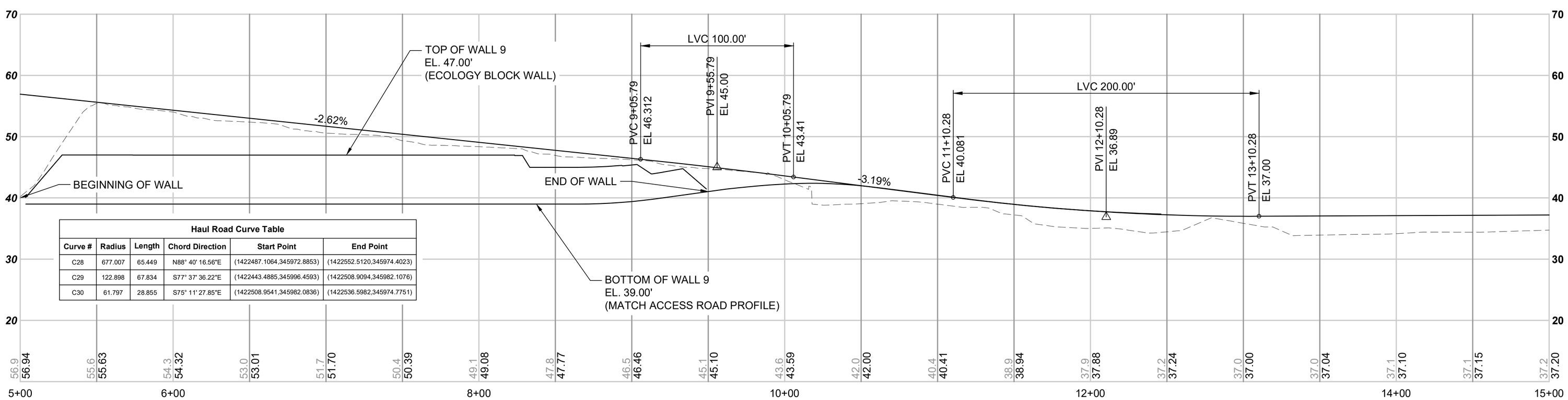
Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xR200-L90a-SFP101
xDRLE-GIS-VFP
xDRLE-GEN-STREETS
xr200-I90-lip100-cg4
xr200-I90a-hp100
xr200-I90h-kap100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING
xR200-L90-VFP



IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
SAMMAMISH RIVER	0	0	11127	15388

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR SAMMAMISH RIVER:
- DESCRIBED IN SECTION 2.2.2.1, PAGE 2-14
- IMPACT AREA AND LENGTH IN TABLE 2-8, PAGE 2-33
- BUFFER IMPACT AREA IN TABLE 2-9, PAGE 2-33
- TEMPORARY IMPACTS DESCRIBED IN SECTION 2.5.2.1, PAGE 2-33
- PERMANENT IMPACTS DESCRIBED IN SECTION 2.5.2.2, PAGE 2-35

FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4 IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF" SUBMITTED SEPARATELY



Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C28	677.007	65.449	N88° 40' 16.56"E	(1422487.1064,345972.8853)	(1422552.5120,345974.4023)
C29	122.898	67.834	S77° 37' 36.22"E	(1422443.4885,345996.4593)	(1422508.9094,345982.1076)
C30	61.797	28.855	S75° 11' 27.85"E	(1422508.9541,345982.0836)	(1422536.5982,345974.7751)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP409
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

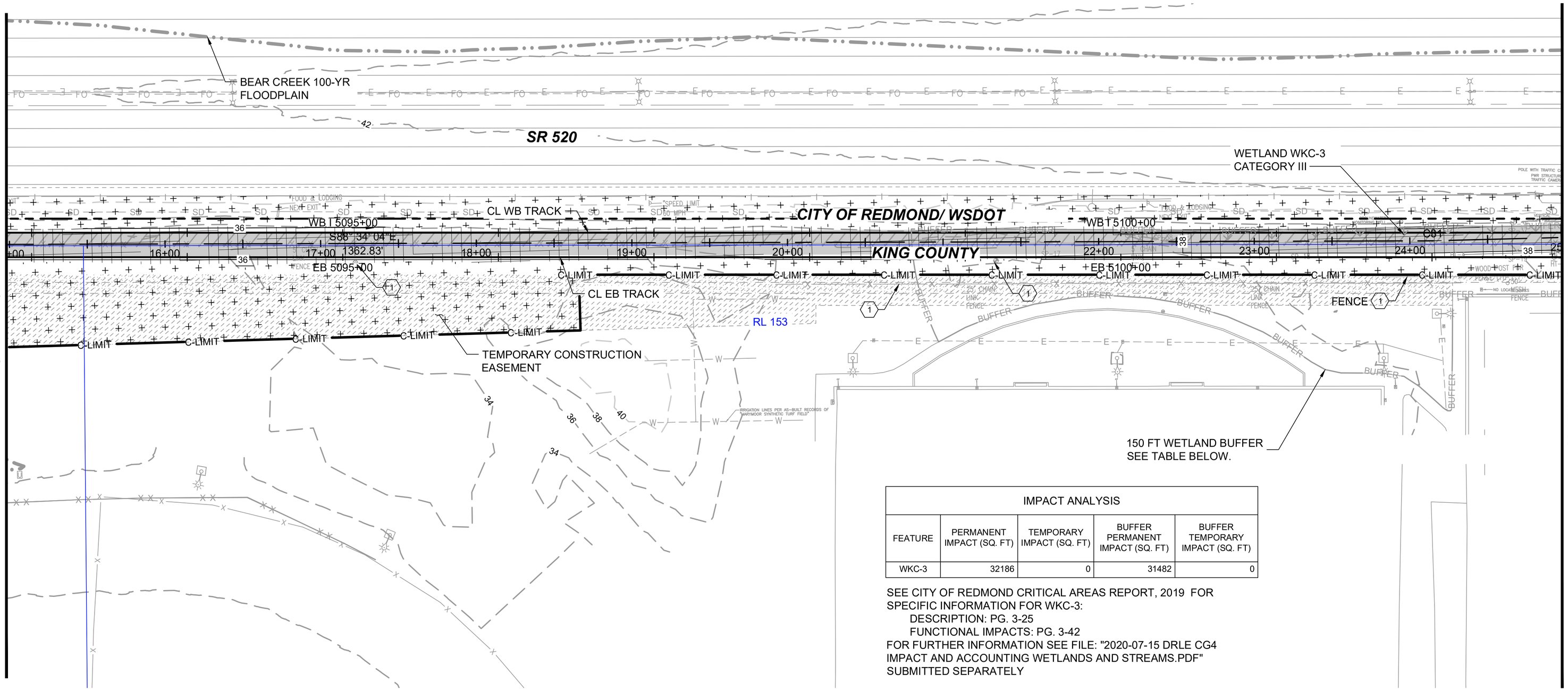
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND
CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 5+00 TO STA 15+00

DRAWING No.: L90-CXP409
FACILITY ID:
SHEET No.: 22
REV:

07/29/20 | 12:03 PM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP409.DWG

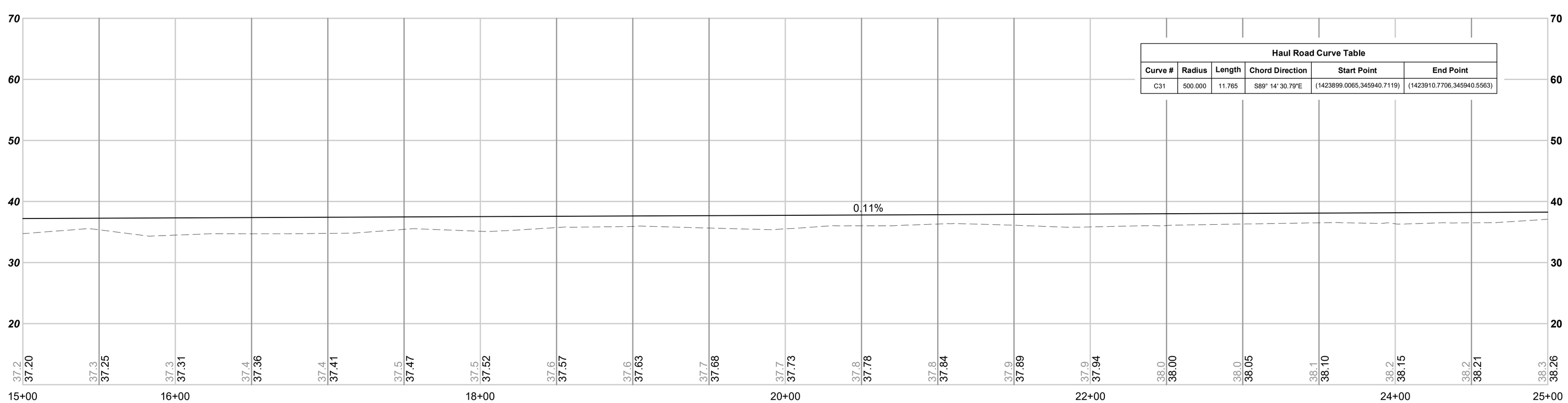
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-rhp100
xr200-l90h-kap100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING



IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
WKC-3	32186	0	31482	0

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR WKC-3:
DESCRIPTION: PG. 3-25
FUNCTIONAL IMPACTS: PG. 3-42
FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4 IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF" SUBMITTED SEPARATELY



Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C31	500.000	11.765	S89° 14' 30.79"E	(1423899.0065,345940.7119)	(1423910.7706,345940.5563)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

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C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-CXP410.DWG

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP410
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

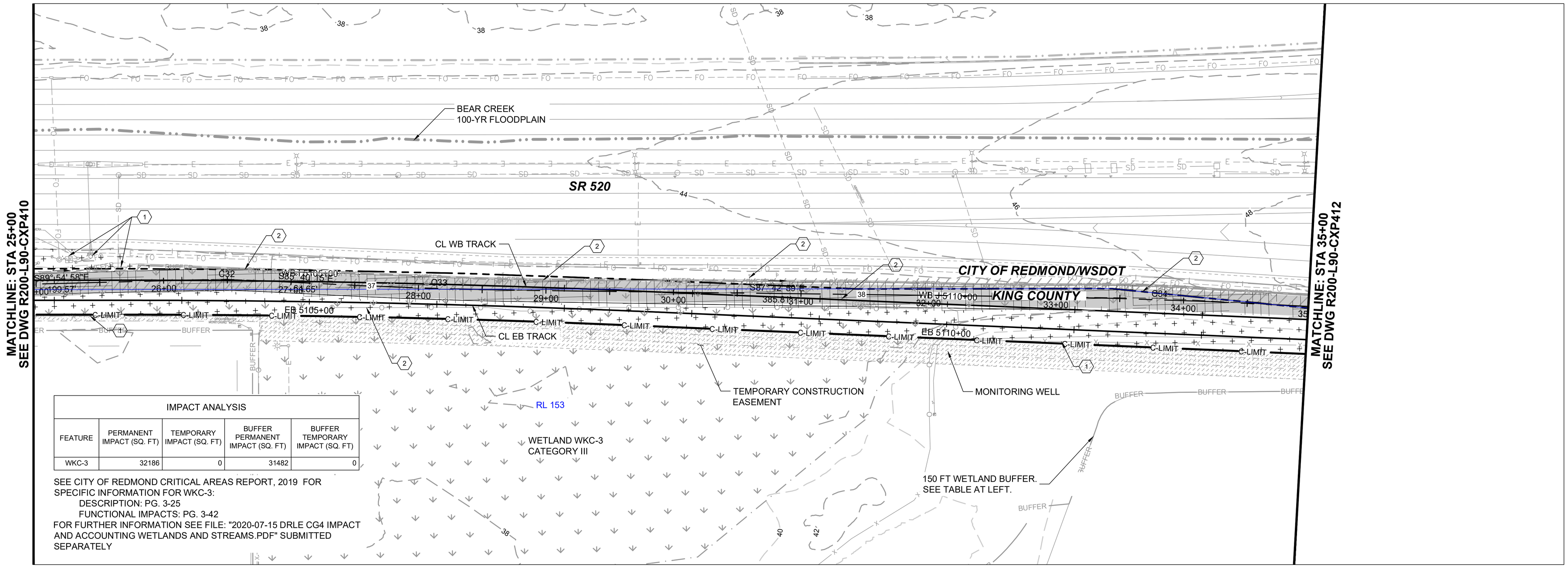
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 15+00 TO STA 25+00

DRAWING No.: L90-CXP410
FACILITY ID:
SHEET No.: 23
REV:

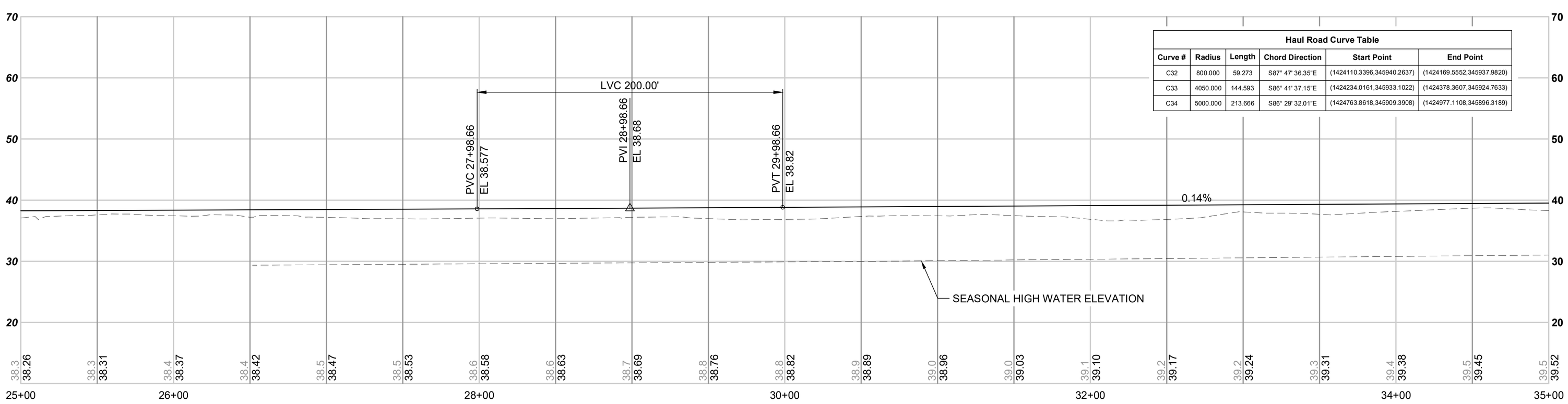
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200-L90a-RPP100
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-rhp100
xR200-L90h-KAP100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING



IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
WKC-3	32186	0	31482	0

SEE CITY OF REDMOND CRITICAL AREAS REPORT, 2019 FOR SPECIFIC INFORMATION FOR WKC-3:
DESCRIPTION: PG. 3-25
FUNCTIONAL IMPACTS: PG. 3-42
FOR FURTHER INFORMATION SEE FILE: "2020-07-15 DRLE CG4 IMPACT AND ACCOUNTING WETLANDS AND STREAMS.PDF" SUBMITTED SEPARATELY



Haul Road Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C32	800.000	59.273	S87° 47' 36.35"E	(1424110.3396,345940.2637)	(1424169.5552,345937.9820)
C33	4050.000	144.593	S86° 41' 37.15"E	(1424234.0161,345933.1022)	(1424378.3607,345924.7633)
C34	5000.000	213.666	S86° 29' 32.01"E	(1424763.8618,345909.3908)	(1424977.1108,345896.3189)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP411
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 25+00 TO STA 35+00

DRAWING No.: L90-CXP411
FACILITY ID:
SHEET No.: 24
REV:

07/28/20 | 8:42 PM | CL071971
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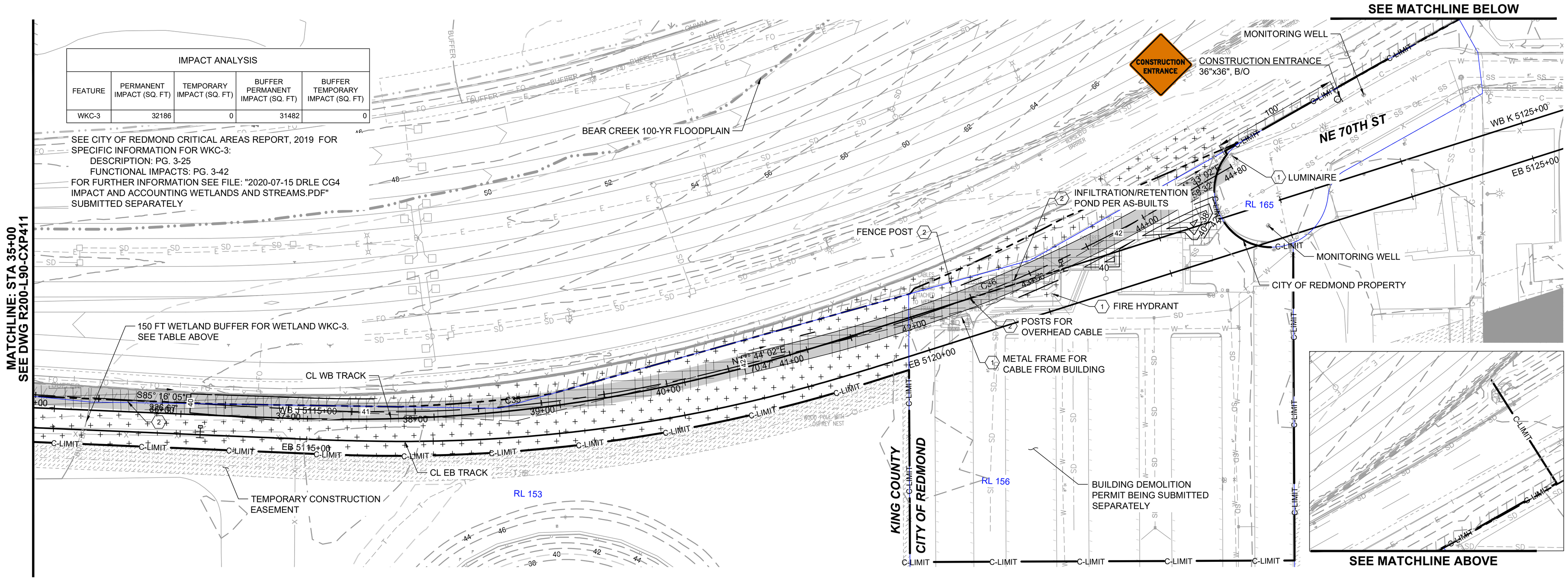
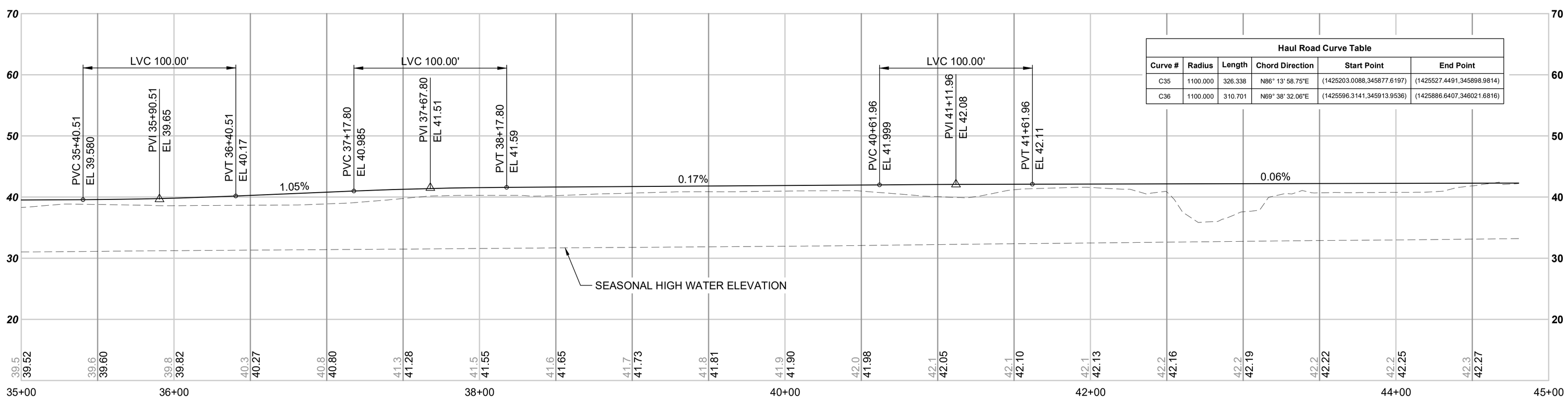
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-L90-VSF
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732
xDRLE-GEN-STREETS
xdrle-gis-vfp
xr200-l90-lip100-cg4
xr200-l90a-rhp100
xr200-l90h-kap100
xDRLE-GIS-VSF
CG4-GEN-LIMITS
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-IMPACT-ACCOUNTING

IMPACT ANALYSIS				
FEATURE	PERMANENT IMPACT (SQ. FT)	TEMPORARY IMPACT (SQ. FT)	BUFFER PERMANENT IMPACT (SQ. FT)	BUFFER TEMPORARY IMPACT (SQ. FT)
WKC-3	32186	0	31482	0





Haul Road Curve Table

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C35	1100.000	326.338	N86° 13' 58.75"E	(1425203.0088,345877.6197)	(1425527.4491,345898.9814)
C36	1100.000	310.701	N69° 38' 32.06"E	(1425596.3141,345913.9536)	(1425886.6407,346021.6816)

NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

N

40 20 0 40 80
SCALE IN FEET
HORIZ. 1"=40'
VERT. 1"=10'

FOR REFERENCE ONLY

DESIGNED BY: G. HOOKER
DRAWN BY: A. KOLZOW
CHECKED BY: P. BARNEY
APPROVED BY: S. BARTLETT

SUSAN BARTLETT STATE OF WASHINGTON 33732 REGISTERED PROFESSIONAL ENGINEER

Jacobs
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: H: 1" = 40'; V: 1" = 10'
FILENAME: R200-L90-CXP412
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
HAUL ROAD PLAN & PROFILE
STA 35+00 TO STA 45+00

DRAWING No.: L90-CXP412
FACILITY ID:
SHEET No.: 25
REV:

07/28/20 | 8:47 PM | CL071971
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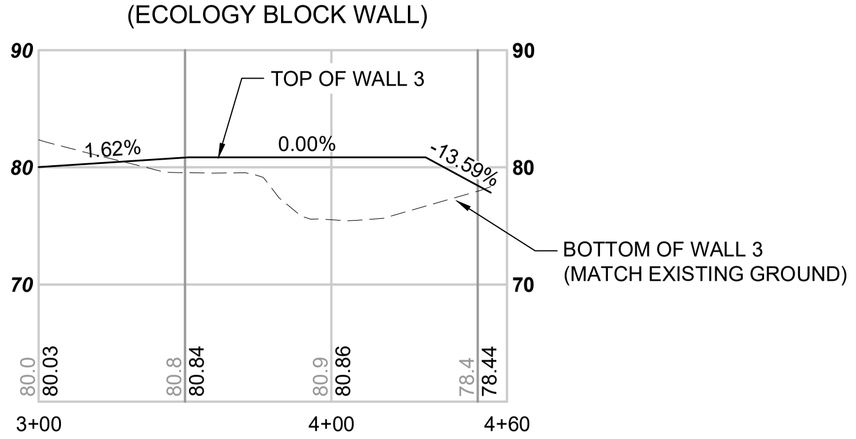
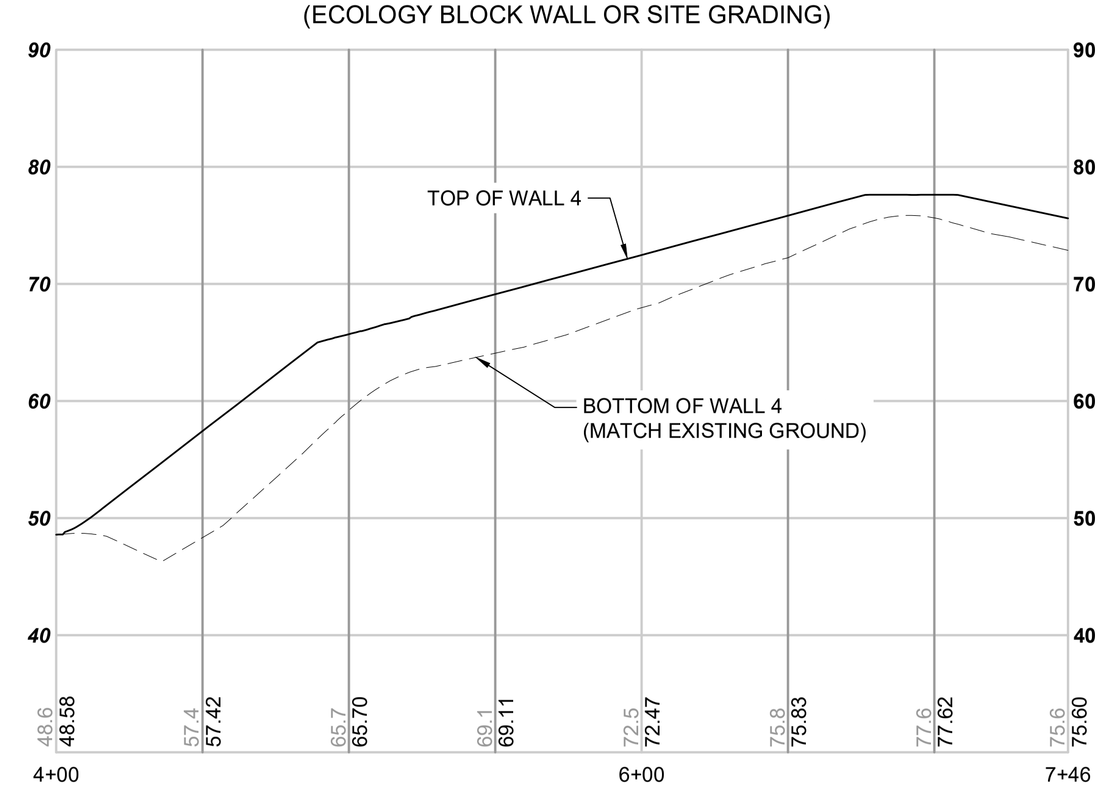
Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
GB-SEAL-JS49219
xR200-L90-C-KAP100
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-CG4-GZK040
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
CG4-GEN-LIMITS
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-L90-CG4-TMP090
xR200-L90-CG4-CON100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA

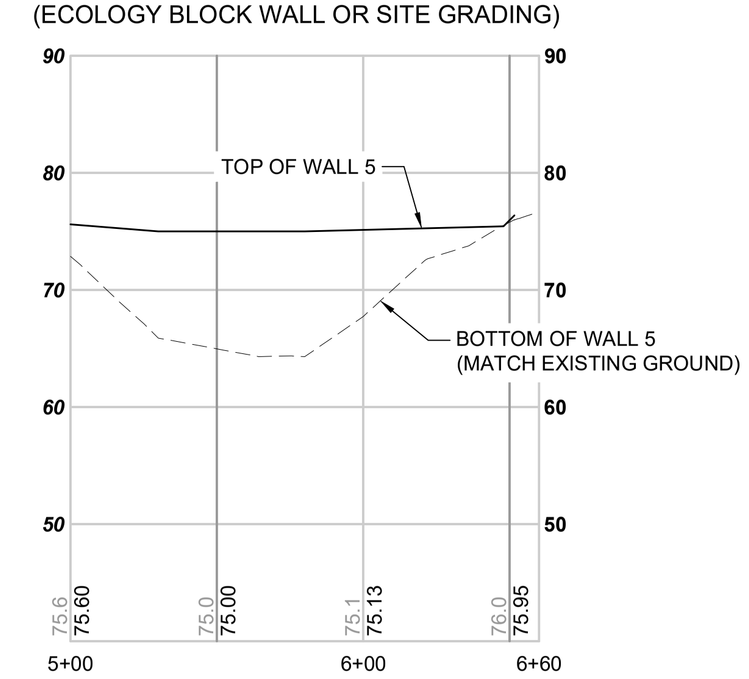
WALL 3 PROFILE
(ECOLOGY BLOCK WALL)



WALL 4 PROFILE
(ECOLOGY BLOCK WALL OR SITE GRADING)



WALL 5 PROFILE
(ECOLOGY BLOCK WALL OR SITE GRADING)



NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

FOR REFERENCE ONLY
NOT FOR CONSTRUCTION

DESIGNED BY: G.HOOKER	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: H: 1" = 40'; V: 1" = 10'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION CONTRACT R200 REDMOND TECH CENTER TO DOWNTOWN REDMOND CLEARING AND GRADING PERMIT #4 WALL PROFILES WEST LAKE SAMMAMISH PARK
DRAWN BY: A. KOLZOW				FILENAME: R200-L90-CWP401	PERMIT INFORMATION:	
CHECKED BY: S. LAMBERT				CONTRACT No.: RTA/CN 0148-18		
APPROVED BY:	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 06/12/2020		

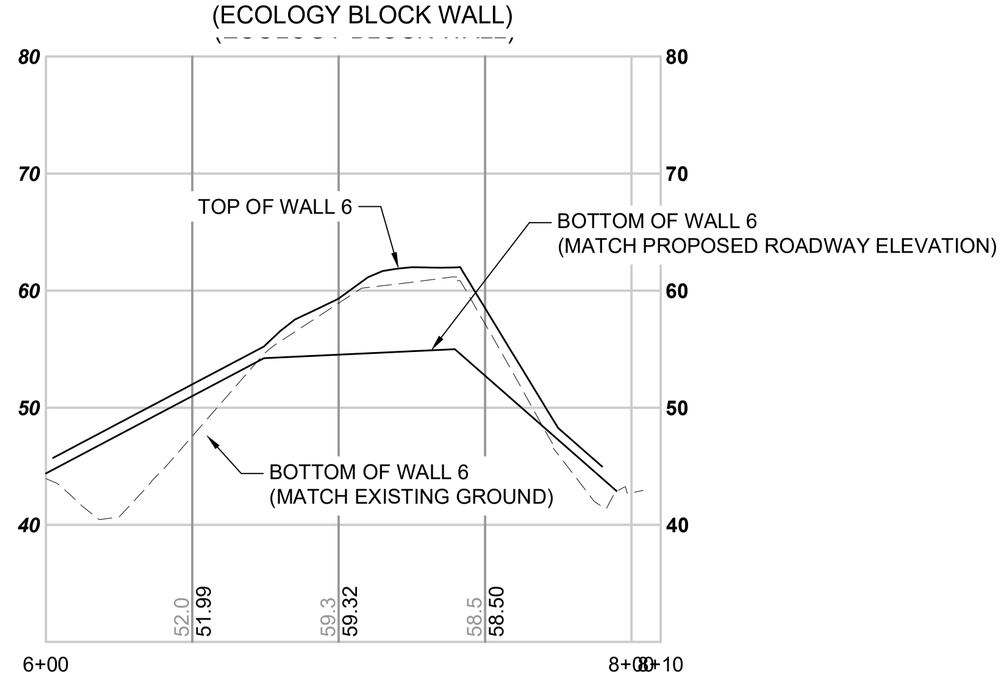
DRAWING No.: L90-CWP401
FACILITY ID:
SHEET No.: 26
REV:

07/28/20 | 9:46 PM | CL071971
C:\PWWORKING\JACOBS_B&IUEG_CL071971\D0235446\R200-L90-CWP401.DWG

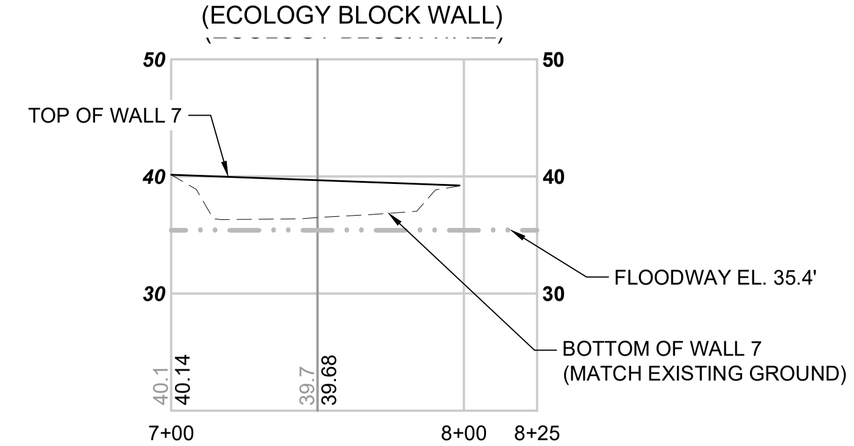
Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xR200-L90-C-KAP100
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-CG4-GZK040
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
CG4-GEN-LIMITS
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90a-RPP100
xR200-L90-CG4-TMP090
xR200-L90-CG4-CON100
xR200-AGHA-SLOPE
CG4-GEN-SITE-AREA
GB-SEAL-SB33732

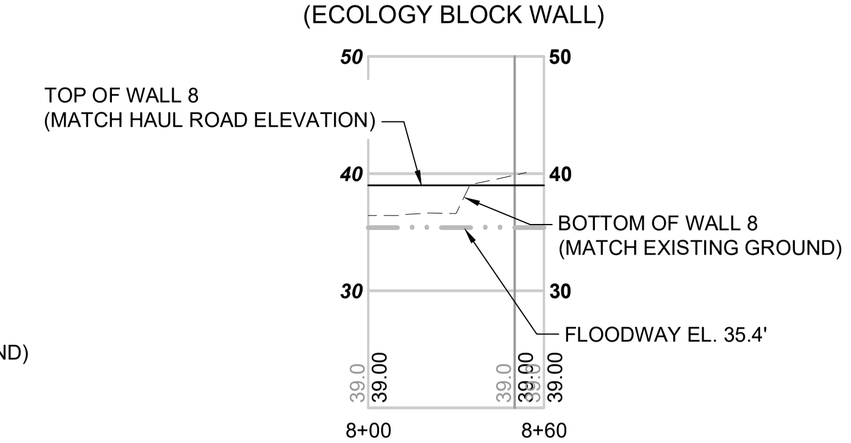
WALL 6 PROFILE
(ECOLOGY BLOCK WALL)



WALL 7 PROFILE
(ECOLOGY BLOCK WALL)



WALL 8 PROFILE
(ECOLOGY BLOCK WALL)



NOTES

1. DESIGN SPEED = 5 MPH
2. HAUL ROAD WIDTH SHALL BE 10' MIN. AND 15' MAX. CONTRACTOR TO FIELD FIT.
3. SEE CITY OF REDMOND STANDARD SPECIFICATIONS 2020 EDITION FOR STANDARD SPECIFICATIONS AND DETAILS.
4. WALL LOCATIONS SHOWN ARE APPROXIMATE. SEE SEPARATE SUBMITTAL FOR WALL DETAILS.

FOR REFERENCE ONLY
NOT FOR CONSTRUCTION

DESIGNED BY:	G. HOOKER
DRAWN BY:	A. KOLZOW
CHECKED BY:	P. BARNEY
APPROVED BY:	S. BARTLETT
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	H: 1" = 40'; V: 1" = 10'
FILENAME:	R200-L90-CWP402
CONTRACT No.:	RTA/CN 0148-18
DATE:	06/12/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
WALL PROFILES
WEST LAKE SAMMAMISH PARK

DRAWING No.: L90-CWP402
FACILITY ID:
SHEET No.: 27
REV:

DRLE-Plot_v2.scr
07/28/20 | 8:43 PM | MAIMONAR
C:\PWWORKING\JACOBS_B&I\MAIMONAR\D0235446\R200-L90-CWP402.DWG

Attachment 4

Xrefs:
xR200-TB22x34
GB-SEAL-SHF50054
CG4-PERMIT-ONLY-NOTE

TESC NARRATIVE AND GENERAL NOTES

DEPARTMENT OF ECOLOGY CONSTRUCTION STORMWATER GENERAL PERMIT - WAR308750

SCHEDULE OF ACTIVITIES – JULY 2020 TO OCTOBER 2020

DISTURBED AREA – 21.1 ACRES

APPROACH TO EROSION CONTROL:

THE ELEMENTS DEPICTED ON THESE TESC DRAWINGS ARE THE MINIMUM REQUIRED TO COMPLY WITH THE CONDITIONS OF THE CONSTRUCTION GENERAL STORMWATER PERMIT. ADDITIONAL TESC ELEMENTS WILL BE INSTALLED WHENEVER THEY ARE NEEDED TO ENSURE COMPLIANCE WITH OUR PERMITS AND COMMITMENTS. TESC ELEMENTS WILL ALSO BE INSTALLED WHEN CONDITIONS CHANGE IN THE FIELD, OR EVIDENCE SUGGESTS OUR BEST MANAGEMENT PRACTICES NEED TO BE CHANGED OR MODIFIED TO MAINTAIN COMPLIANCE. A PROJECT CESCL WILL PERFORM DAILY INSPECTIONS THROUGHOUT CONSTRUCTION AND OUR FIELD CREWS WILL BE MAINTAINING AND INSTALLING BMPs EACH DAY.

A PROJECT SWPPP HAS BEEN WRITTEN IN ACCORDANCE WITH ECOLOGY REQUIREMENTS AND IS STORED IN THE SWPPP BINDER MAINTAINED BY THE PROJECT CESCL AND ENVIRONMENTAL MANAGER.

ENVIRONMENTAL MANAGER (CSEMS): SCOTT DARST – (425) 681 9295 (24-HOUR CONTACT)

PROJECT CESCL – JOBETH MINNIEAR - (260) 224-2497

THESE TESC PLANS ARE LIVING DOCUMENTS AND WILL BE UPDATED BY THE CSEMS AND CESCL THROUGHOUT THE PROJECT. THE UPDATED TESC PLANS WILL BE STORED IN THE SWPPP BINDER AND WILL BE AVAILABLE TO ECOLOGY, SOUND TRANSIT AND AHJ STAFF FOR REVIEW. UPDATES TO THE PLANS ARE SENT TO SOUND TRANSIT QUARTERLY.

1. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT- LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. WHEREVER POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
2. THE ESC FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS. LOCATIONS MAY BE MOVED TO SUIT FIELD CONDITIONS, SUBJECT TO APPROVAL BY THE ENGINEER AND THE AHJ INSPECTOR.
3. A COPY OF THE APPROVED EROSION CONTROL PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
4. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS. ADDITIONALLY, MORE ESC FACILITIES MAY BE REQUIRED TO ENSURE COMPLETE SILTATION CONTROL. THEREFORE, DURING THE AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THE CONTRACTOR'S ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES OVER AND ABOVE THE MINIMUM REQUIREMENTS AS MAY BE NEEDED.
5. THE ESC FACILITIES SHALL BE INSPECTED BY THE PERMITTEE/CONTRACTOR AT LEAST ONCE EVERY CALENDAR WEEK DURING NON-RAINFALL PERIODS, AND WITHIN 24 HOURS AFTER ANY DISCHARGE EVENT. IN ADDITION, ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT DOCUMENTING THE REVIEWS OF THE ESC FACILITIES.
6. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 48 HOURS FOLLOWING A STORM EVENT.
7. THE ENGINEER HAS THE AUTHORITY TO HALT CONSTRUCTION IF EROSION CONTROLS ARE NOT MAINTAINED PROPERLY OR IF A VIOLATION HAS NOT BEEN CORRECTED. THE CONTRACTOR SHALL BEAR ALL RISK AND ALL COSTS OF ANY WORK DELAYS CAUSED BY THESE ACTIONS.
8. THE CONTRACTOR SHALL MONITOR AND REPORT THE STORM WATER DISCHARGE IN ACCORDANCE WITH THE GENERAL PERMIT.
9. FOR TURBIDITY NONCOMPLIANCE ISSUES, THE CONTRACTOR SHALL CONTACT DEPARTMENT OF ECOLOGY AND CITY OF REDMOND WATER QUALITY MANAGER. FOR SPILL OF IMMEDIATE DANGER TO LIFE AND HEALTH, THE CONTRACTOR SHALL CONTACT THE AHJ AGENCIES SPILL RESPONSE PERSONNEL FIRST, THEN CONTACT THE DEPARTMENT OF ECOLOGY NW REGIONAL OFFICE (425-649-7000). SEE SWPPP FOR MORE DETAILS.
10. GRATE INLET TYPE 2 PER WSDOT STANDARD PLANS B-35.40-00 AND B-30.30.03.TEMPORARY STORM DRAINS WILL BE FIELD FIT.

CITY OF REDMOND TEMPORARY EROSION/SEDIMENTATION CONTROL NOTES:

1. ALL WORK AND MATERIALS TO BE PER CITY OF REDMOND STANDARDS.
2. KEEP OFF-SITE STREETS CLEAN AT ALL TIMES. FLUSHING STREETS SHALL NOT BE ALLOWED. ALL STREETS SHOULD BE SWEPT.
3. ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY CITY INSPECTOR.
4. WHEN WORK IS STOPPED/COMPLETED IN AN AREA, THE CITY INSPECTOR MAY REQUIRE POST-CONSTRUCTION EROSION CONTROL INCLUDING SEEDING OR OTHER MEASURES.
5. LOCATIONS SHOWN OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE CORRECT LOCATIONS TO AVOID DAMAGE OR DISTURBANCE.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND OTHER RELATED PERMITS PRIOR TO ANY CONSTRUCTION.
7. ALL GROUND COVER IS TO REMAIN UNDISTURBED OUTSIDE OF CLEARING AREAS.
8. THE TEMPORARY EROSION/SEDIMENT CONTROLS SHALL BE INSTALLED, INSPECTED, AND OPERATING BEFORE ANY GRADING OR EXTENSIVE LAND CLEARING. THESE CONTROLS MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING ARE COMPLETE.
9. TIE IMPERVIOUS SURFACES (ROOF, STREETS, DRIVEWAYS, ETC.) TO COMPLETED DRAINAGE SYSTEM AS SOON AS POSSIBLE.
10. A PRE-CONSTRUCTION MEETING WITH THE CONSTRUCTION DIVISION AND ALL PERMITS MUST BE COMPLETED BEFORE START OF CONSTRUCTION.
11. CLEARING LIMITS SHALL BE LOCATED BY A LICENSED CIVIL ENGINEER OR LAND SURVEYOR.
12. APPROVAL OF THIS TEMPORARY EROSION/SEDIMENTATION CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
13. THIS APPROVAL FOR TESC IS VALID FOR CONSTRUCTION BETWEEN MAY 1 AND SEPTEMBER 30. THIS APPROVAL FOR TESC IS NOT VALID FOR THE RAINY SEASON (OCTOBER 1 THROUGH APRIL 30).
14. REMOVE ALL TESC MEASURES ONCE ALL WORK IS COMPLETED AND SITE IS PERMANENTLY STABILIZED.

ADDITIONAL CITY OF REDMOND TEMPORARY EROSION/SEDIMENTATION CONTROL REQUIREMENTS:

1. WORK WITHIN CRITICAL AQUIFER RECHARGE ZONE:
   - A. PROJECT SITE THAT IS LOCATED WITHIN CITY OF REDMOND CRITICAL AQUIFER RECHARGE AREA (CARA) ZONE I OR II, CONTRACTOR SHALL PREVENT GROUNDWATER CONTAMINATION. ALL WORK SHALL COMPLY WITH CITY OF REDMOND RZC 21.64.050.D.
   - B. CONTRACTOR TO PREPARE ADEQUATE SPILL CONTAINMENT KIT AT PROJECT SITE.
   - C. CONTRACTOR TO MONITOR THE WATER QUALITY OF THE WATER TO BE DISCHARGED.
2. RAINY SEASON ADDITIONAL INSPECTION AND MONITORING REQUIREMENTS (OCTOBER 1 THROUGH APRIL 30):
   - A. MINIMUM INSPECTION FREQUENCY:
     - I. AFTER EACH DAY OF SITE WORK (BUT NOT LESS THAN 3 TIMES PER WEEK EVEN IF NO SITE WORK HAS OCCURRED)
     - II. AFTER EACH STORM
     - III. TWICE PER DAY DURING STORMS.
   - B. USE PORTABLE, ELECTRONIC TURBIDITY METER FOR MONITORING THE TURBIDITY OF THE SURFACE WATER DISCHARGE. A LOG SHALL BE PREPARED TO DOCUMENT THE MONITORING RESULTS AS REQUIRED BY THE CITY.
   - C. ADDITIONAL MONITORING OF THE DISCHARGES OF THE RECEIVING WATER IS REQUIRED IF DIRECTED BY THE CITY.
   - D. INSTALL ADDITIONAL BMPs AS DIRECTED BY THE CITY INSPECTOR.

ADDITIONAL BEST MANAGEMENT PRACTICES (BMPs) INSTALLATION, MAINTENANCE, AND DISCHARGES NOTES

1. INLET PROTECTION SHALL BE INSTALLED IN ANY ROAD DRAINAGE SYSTEM INLETS, EXISTING OR NEWLY INSTALLED, WHICH ARE LIKELY TO RECEIVE RUNOFF FROM THE DISTURBED AREAS DURING CONSTRUCTION. INLET PROTECTION SHOWN ON THE TESC PLANS ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL ADD INLET PROTECTION AS NECESSARY TO ALL CATCH BASINS THAT RECEIVE STORM WATER RUNOFF WITHIN THE PROJECT AREA AND THAT MAY OR MAY NOT BE SHOWN ON THE TESC PLANS.
2. ALL EXPOSED SOILS MUST BE STABILIZED WITH AN APPROVED TESC METHOD (E.G. SEEDING, MULCHING, PLASTIC COVERING, CRUSHED ROCK) WITHIN THE FOLLOWING TIMELINES:
   - A. MAY 1 TO SEPTEMBER 30 - SOILS MUST BE STABILIZED WITHIN 7 DAYS OF GRADING.
   - B. OCTOBER 1 TO APRIL 30 - SOILS MUST BE STABILIZED WITHIN 2 DAYS OF GRADING.
3. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (EXAMPLE: ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 80 POUNDS PER ACRE).
4. WHERE STRAW MULCH IS REQUIRED FOR TEMPORARY EROSION CONTROL, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 2".
5. STREETS MUST BE KEPT CLEAN AT ALL TIMES. IF DIRT IS DEPOSITED ON THE PUBLIC STREET OR TRAIL SYSTEM, THE STREET OR PATH SHALL BE IMMEDIATELY CLEANED WITH POWER SWEEPER OR OTHER EQUIPMENT. ALL VEHICLES SHALL LEAVE THE SITE BY WAY OF THE CONSTRUCTION ENTRANCE AND SHALL BE CLEANED OF ALL DIRT THAT WOULD BE DEPOSITED ON THE PUBLIC STREETS OR TRAIL.
6. CLEARING LIMITS ARE DELINEATED WITH A HIGH VISIBILITY FENCE OR SILT FENCE. IF ANY PART(S) OF THE CLEARING LIMIT BOUNDARY OR TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN IS/ARE DAMAGED, IT SHALL BE REPAIRED IMMEDIATELY.
7. ALL PROPERTIES ADJACENT TO THE PROJECT SITE SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND RUNOFF.
8. AT NO TIME SHALL MORE THAN 1' OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
9. DO NOT FLUSH CONCRETE BY-PRODUCTS INTO THE STORM DRAINAGE SYSTEM. IF EXPOSED AGGREGATE IS FLUSHED INTO THE STORM SYSTEM, IT COULD MEAN RE-CLEANING THE ENTIRE DOWNSTREAM STORM SYSTEM, OR POSSIBLY RE-LAYING THE STORM LINE.
10. THE CONTRACTOR SHALL NOT DISCHARGE TURBID WATER GENERATED FROM CONSTRUCTION ACTIVITIES DIRECTLY TO ANY STREAMS, STORM WATER SYSTEM INLETS, OR DRAINAGE DITCHES IN ACCORDANCE WITH THE GENERAL PERMIT.
11. THE CONTRACTOR SHALL NOT DISCHARGE ANY CLEANING SOLVENTS OR CHEMICALS UTILIZED FOR TOOL OR EQUIPMENT CLEANING TO THE GROUND. REFUELING OF EQUIPMENT SHALL BE CONDUCTED AWAY FROM THE DRAINAGE FACILITIES AND DONE IN SUCH A MANNER AS TO PREVENT SPILLS FROM ENTERING THE GROUNDWATER OR WATER BODIES (INCLUDING WETLANDS AND DITCHES). SPILLS SHOULD BE PREVENTED FROM HITTING THE GROUND PER CSWPPP.
12. SECONDARY CONTAINMENT SHALL BE REQUIRED AT ANY STORAGE OF FUEL OR HAZARD MATERIALS, AND AT DESIGNATED VEHICLE AND EQUIPMENT REFUELING AREA.
13. THE CONTRACTOR SHALL SET ASIDE A SEPARATE AREA FOR THE WASH-OUT OF CONSTRUCTION EQUIPMENT AND TOOLS. SEE CSWPPP PLANS FOR MORE DETAILS FOR CLEANING AND WASHING OF EQUIPMENT OR TOOLS THAT HAVE OIL, CONCRETE OR OTHER HAZARDOUS MATERIAL.
14. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL CONSTRUCTION DEBRIS IN AN APPROVED AND PERMITTED LANDFILL FACILITY.
15. PROVIDE TEMPORARY CURB TO PREVENT RUNOFF FLOWS FROM ENTERING EXCAVATED AREAS.
16. CONTRACTOR SHALL VERIFY THE FEASIBILITY AND SEEK APPROVAL FROM SEWER DISTRICT TO DISCHARGE ANY CONSTRUCTION RUNOFF TO THE SANITARY SEWER PRIOR TO DISCHARGE OF CONSTRUCTION RUNOFF TO SANITARY SEWER NOT ALLOWED WITHIN CITY OF REDMOND.

KING COUNTY TEMPORARY EROSION AND SEDIMENT CONTROL GENERAL NOTES:

1. APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, IF REQUIRED, PRIOR TO CONSTRUCTION (SWDM APPENDIX D). DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED),AND ADJACENT PROPERTIES IS MINIMIZED.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) AS DIRECTED BY KING COUNTY.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES.
8. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
9. ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
10. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH DURING THE DRY SEASON, BI-MONTHLY DURING THE WET SEASON, OR WITHIN TWENTY FOUR (24) HOURS FOLLOWING A STORM EVENT.
11. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. FLOW CONTROL BMP AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
14. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE DPER INSPECTOR.

SEQUENCE OF WORK:

1. INSTALL BMPS AND PORTABLE BAKER TANKS FOR HAUL ROAD CONSTRUCTION.
2. CLEAR AND GRADE FOR HAUL ROAD AND WATER TREATMENT SYSTEM CONSTRUCTION.
3. CONSTRUCT HAUL ROAD.
4. INSTALL WATER TREATMENT SYSTEMS.
5. INSTALL REMAINING BMPS IN SUPPORT OF CLEARING AND GRUBBING.
6. CLEARING AND GRUBBING AND TEMPORARY WALL CONSTRUCTION (UPON SEPARATE APPROVAL).

HAULING OF WATER OFFSITE FOR PROPER DISPOSAL IS NEEDED DURING THE INITIAL PHASE OF THE PROJECT TO ENSURE THAT WE HAVE A LEGAL OPTION FOR HANDLING STORMWATER GENERATED PRIOR TO THE CONSTRUCTION OF OUR CHITOSAN ENHANCED SAND FILTRATION (CESF) TREATMENT SYSTEMS. IF POSSIBLE, WE WILL DISPERSE THE COLLECTED STORMWATER INTO NEARBY VEGETATED AREAS, AWAY FROM CRITICAL AREAS OR DISCHARGE LOCATIONS. THE TIME PERIOD FOR HAULING STORMWATER IS ROUGHLY AUGUST AND SEPTEMBER 2020, BUT WILL BE A NECESSARY OPTION WHENEVER WE ENTER AN AREA TO ESTABLISH OUR SITES PRIOR TO WATER TREATMENT SYSTEMS BEING OPERATIONAL. STARTING IN SEPTEMBER 2020 OUR CESF TREATMENT SYSTEMS WILL BE COLLECTING AND TREATING STORMWATER FOR DISCHARGE ONSITE.

FOR REFERENCE ONLY

DESIGNED BY: S. DARST
DRAWN BY: J. STEWART
CHECKED BY: S. DARST
APPROVED BY: S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

OSG O'Neill Service Group
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-L90-CTN100-CG4
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC GENERAL NOTES

DRAWING No.: L90-CTN100-CG4
FACILITY ID:
SHEET No.: 28
REV:

07/29/20 | 2:17 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWARTJ\D0235446\R200-L90-CTN100-CG4.DWG

Attachment 4

Xrefs:
xR200-TB22x34
xR200-L90-CZN101
GB-SEAL-SHF50054
CG4-PERMIT-ONLY-NOTE

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. PROTECT EXISTING STORM SEWER STRUCTURE/PIPE
2. PROTECT EXISTING DITCH/CHANNEL.
3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
6. INSTALL ABOVE GROUND INLET PROTECTION PER WSDOT STD PLAN I-40.10-00
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
8. INSTALL WATTLES PER WSDOT STD PLAN I-30.30-02
9. INSTALL COMPOST SOCK PER WSDOT STD PLAN I-30.40-02
10. INSTALL EROSION CONTROL AT CULVERT END PER WSDOT STD PLAN I-30.20-00
11. INSTALL CHECK DAM PER WSDOT STD PLAN I-50.20-01
12. INSTALL BIODEGRADABLE EROSION CONTROL BLANKET ON SLOPES PER WSDOT STD PLAN I-60.10-01
13. INSTALL PERMANENT EROSION CONTROL BLANKET ON SLOPES PER WSDOT STD PLAN I-60.10-01
14. INSTALL BIODEGRADABLE EROSION CONTROL BLANKET FOR DITCHES PER WSDOT STD PLAN I-60.20-01
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
16. CONSTRUCT TEMPORARY SEDIMENT TRAP PER WSDOT STD PLAN I-80.10-02
17. NOT USED
18. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER CITY OF REDMOND STD DETAIL 503
19. CONSTRUCT TEMPORARY SWALE PER CITY OF REDMOND STD DETAIL 504
20. INSTALL COMPOST BLANKET
21. INSTALL TEMPORARY CURB
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
23. INSTALL TEMPORARY WATER BYPASS
24. INSTALL TEMPORARY DRAIN PIPE
25. INSTALL TEMPORARY CULVERT
26. PROTECT EXISTING ECOLOGY EMBANKMENT
27. NOT USED
28. TEMPORARY OUTFALL
29. INSTALL OUTLET PROTECTION
30. NOT USED
31. DISCHARGE TO EXISTING STORM DRAIN
32. CONNECT TO EXISTING STORM DRAIN STRUCTURE
33. CONNECT TO EXISTING STORM DRAIN PIPE
34. TEMPORARY PLUG EXISTING STORM SEWER PIPE
35. NOT USED
36. EXTEND EXISTING PIPE AND DAYLIGHT
37. INSTALL TEMPORARY COVER
38. INSTALL TEMPORARY CHAIN LINK FENCE
39. APPLY SEEDING AND MULCHING
40. APPLY SEEDING
41. APPLY SOD
42. CONSTRUCT ROCK CHANNEL
43. CONSTRUCT INTERCEPTOR DIKE
44. CONSTRUCT INTERCEPTOR SWALE
45. PLACE PORTABLE STORAGE TANK
46. PLACE CONSTRUCTION STORMWATER TREATMENT SYSTEM
47. INSTALL TEMPORARY SEDIMENT POND
48. INSTALL TEMPORARY SEDIMENT POND OUTLET STRUCTURE

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES (CONT'D)

49. TEMPORARY TRAFFIC BARRIER, SEE MOT PLANS
50. FIELD FIT SUMP
51. CONSTRUCTION FENCE
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

TESC LEGEND (SEE SHEET GEN-GZN106-CG FOR GENERAL LEGEND)

- INLET PROTECTION
- SUMP
- SF — SILT FENCE
- TAC — TEMPORARY CURB
- TSD — TEMPORARY SLOPE DRAIN
- HVF — HIGH VISIBILITY FENCE
- HVS — HIGH VISIBILITY SILT FENCE
- CSC — CONSTRUCTION STORMWATER CONVEYANCE PIPE
- D — TEMPORARY DRAIN PIPE
- > — TEMPORARY SWALE
- INTERCEPTOR DIKE
- STRAW WATTLE
- CONSTRUCTION STORMWATER STORAGE
- SLOPE PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
SCALE:	NTS
FILENAME:	R200-L90-CTN200-CG4
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	
DRAWING No.:	L90-CTN200-CG4
FACILITY ID:	
SHEET No.:	29
REV:	

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

O'Neill Service Group

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

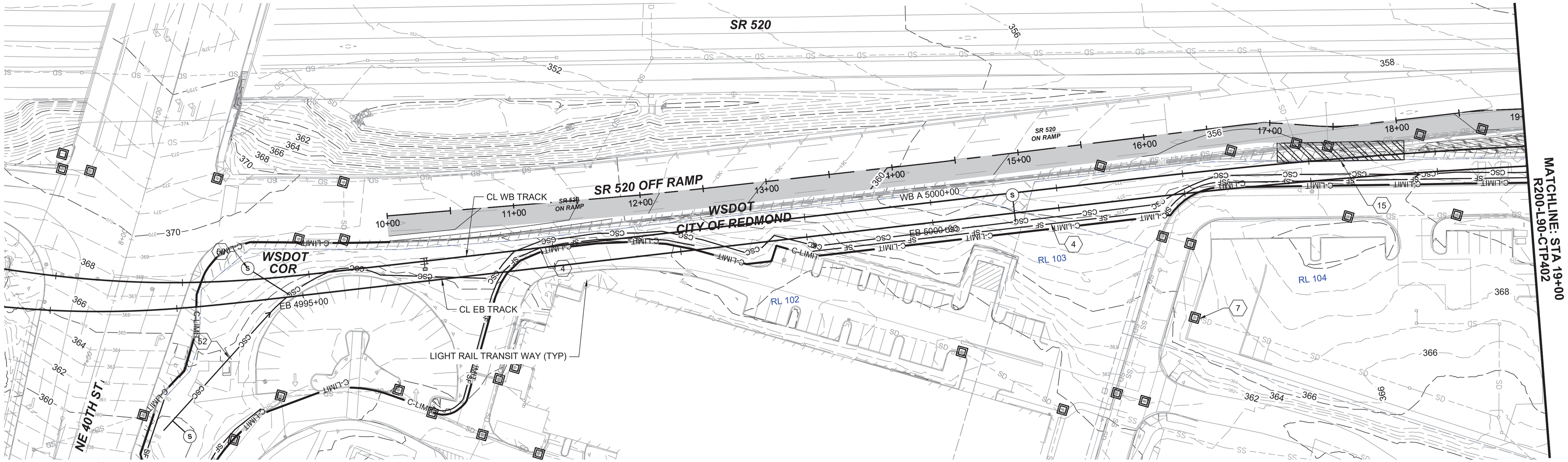
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC KEY NOTES

07/29/20 | 2:16 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWARTJD0235446\R200-L90-CTN200-CG4.DWG

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-STREET-NAMES
xR200-L90-CG4-GZK040
xR200-L90-C-KAP100
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CG4-CTP101
xR200-L90-CZN101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80

SCALE IN FEET

07/29/20 | 12:55 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP401.DWG

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

OSG O'Neill Service Group

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP401
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 9+00 TO STA 19+00

DRAWING No.: **L90-CTP401**

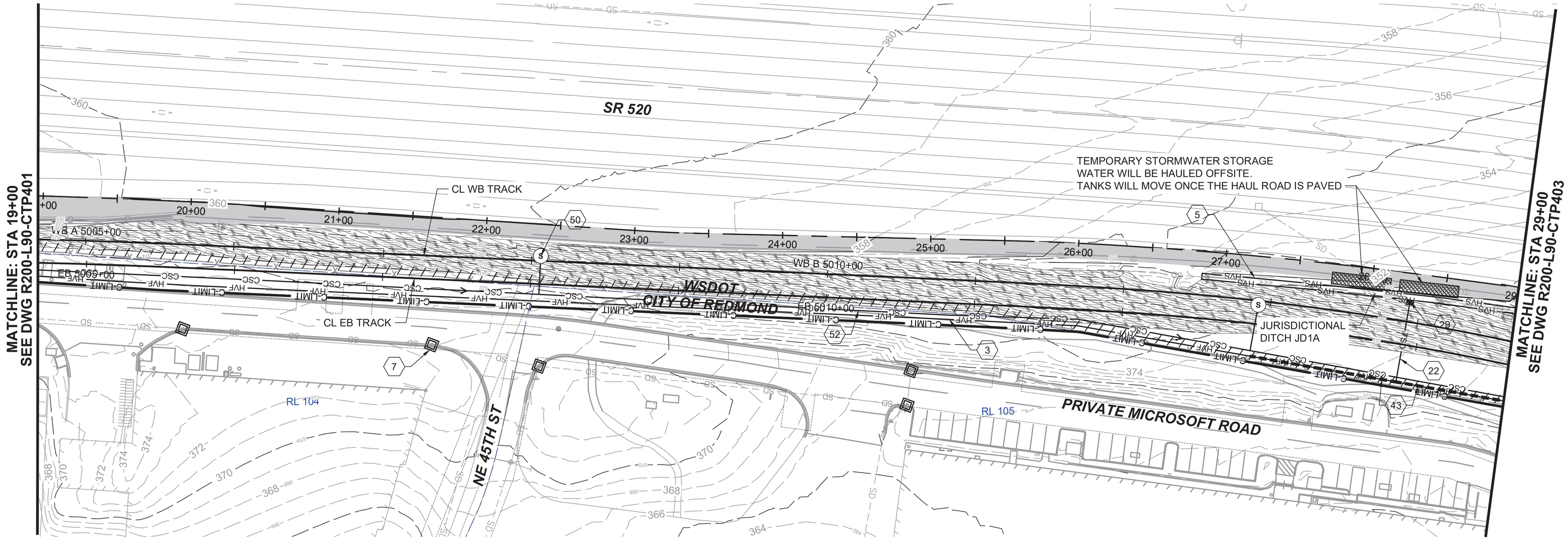
FACILITY ID:

SHEET No.: 30

REV:

Attachment 4

Krefs:
xR200-TB22x34
xDRLE-L90-VSF
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
CG4-Haul-Road
xR200_MOT_SR520Shift
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
29. INSTALL OUTLET PROTECTION
43. CONSTRUCT INTERCEPTOR DIKE
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: S. DARST
DRAWN BY: J. STEWART
CHECKED BY: S. DARST
APPROVED BY: S. FLOWERS

STEVEN HOMER FLOWERS
STATE OF WASHINGTON
50054
REGISTERED PROFESSIONAL ENGINEER
07/29/2020

O'Neill Service Group
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: 1" = 40'
FILENAME: R200-L90-CTP402
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

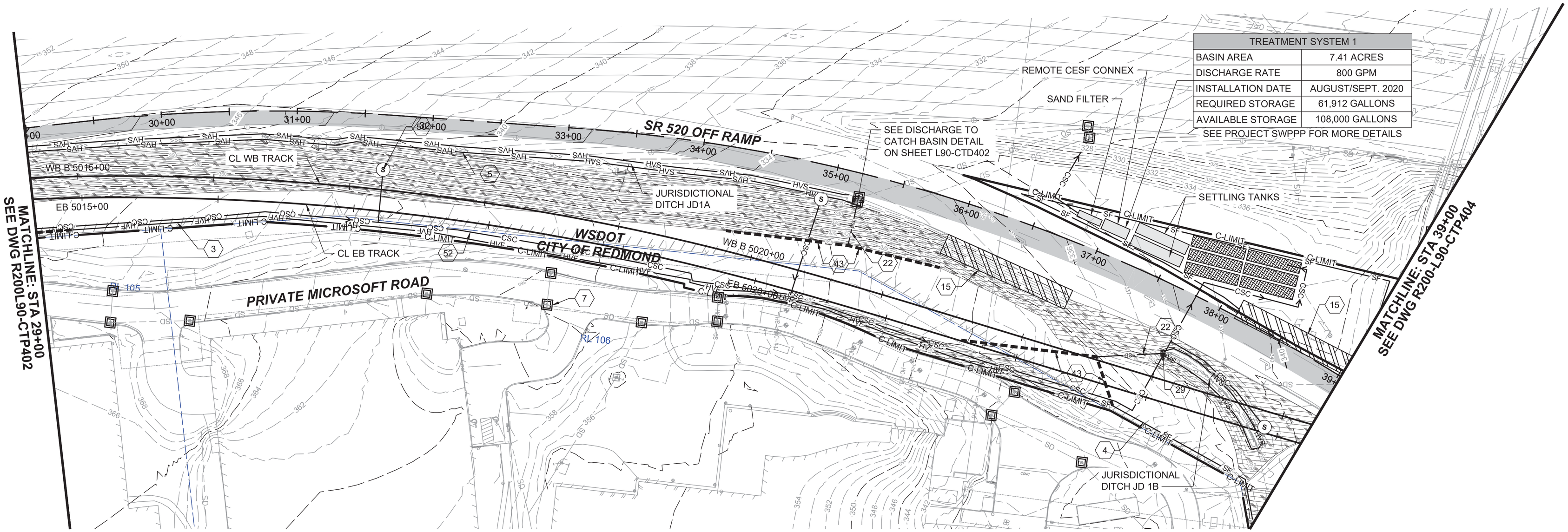
CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 19+00 TO STA 29+00

DRAWING No.: L90-CTP402
FACILITY ID:
SHEET No.: 31
REV:

07/29/20 | 1:02 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP402.DWG

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-CG4-GZK040
xR200-L90-C-KAP100
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



TREATMENT SYSTEM 1	
BASIN AREA	7.41 ACRES
DISCHARGE RATE	800 GPM
INSTALLATION DATE	AUGUST/SEPT. 2020
REQUIRED STORAGE	61,912 GALLONS
AVAILABLE STORAGE	108,000 GALLONS

SEE PROJECT SWPPP FOR MORE DETAILS

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
29. INSTALL OUTLET PROTECTION
43. CONSTRUCT INTERCEPTOR DIKE
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: S. DARST
DRAWN BY: J. STEWART
CHECKED BY: S. DARST
APPROVED BY: S. FLOWERS

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

O'Neill Service Group
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE: 1" = 40'
FILENAME: R200-L90-CTP403
CONTRACT No.: RTA/CN 0148-18
DATE: 07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

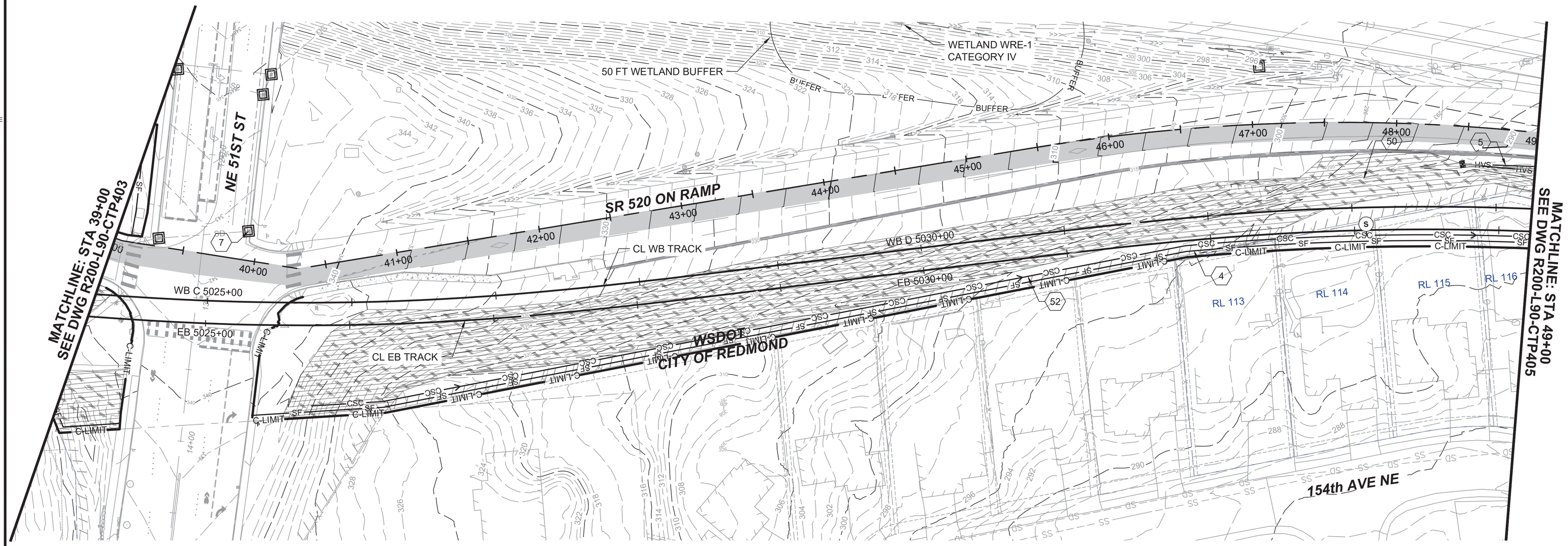
CLEARING AND GRADING
TESC PLAN
STA 29+00 TO STA 39+00

DRAWING No.: L90-CTP403
FACILITY ID:
SHEET No.: 32
REV:

07/29/20 | 1:07 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP403.DWG

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GIS-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
xR200_MOT_SRS20Shift
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-GEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

OSG O'Neill Service Group — REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney — SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT — LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP404
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMINT #4
TESC PLAN
STA 39+00 TO STA 49+00

DRAWING No.: **L90-CTP404**
FACILITY ID:
SHEET No.: 33
REV:

07/29/20 | 1:13 PM | JEFFSTEWART
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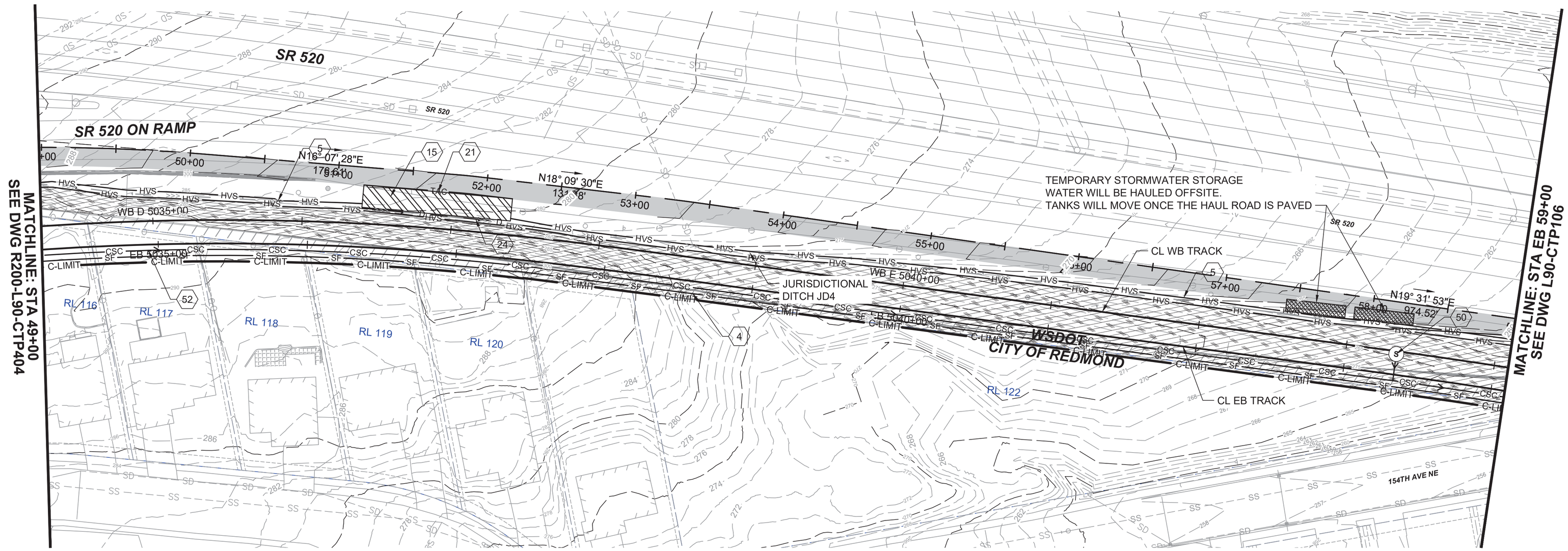
Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
21. INSTALL TEMPORARY CURB
24. INSTALL TEMPORARY DRAIN PIPE
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 1:20 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP405.DWG

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

OSG O'Neill Service Group

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP405
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

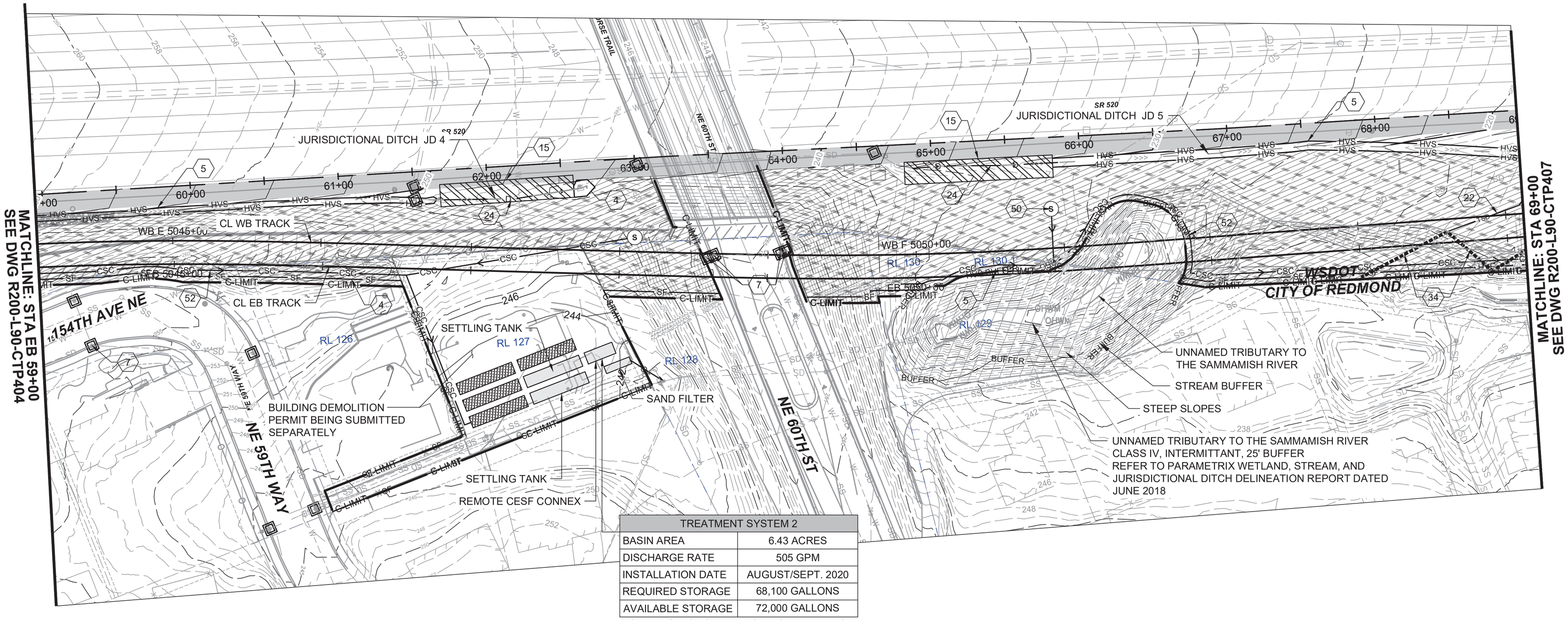
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 49+00 TO STA 59+00

DRAWING No.: **L90-CTP405**
FACILITY ID:
SHEET No.: 34
REV:

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



TREATMENT SYSTEM 2	
BASIN AREA	6.43 ACRES
DISCHARGE RATE	505 GPM
INSTALLATION DATE	AUGUST/SEPT. 2020
REQUIRED STORAGE	68,100 GALLONS
AVAILABLE STORAGE	72,000 GALLONS

SEE PROJECT SWPPP FOR MORE DETAILS

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
24. INSTALL TEMPORARY DRAIN PIPE
43. CONSTRUCT INTERCEPTOR DIKE
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 1:26 PM | JEFFSTEWART
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FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

OSG O'Neill Service Group — REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney — SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT — LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP406
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

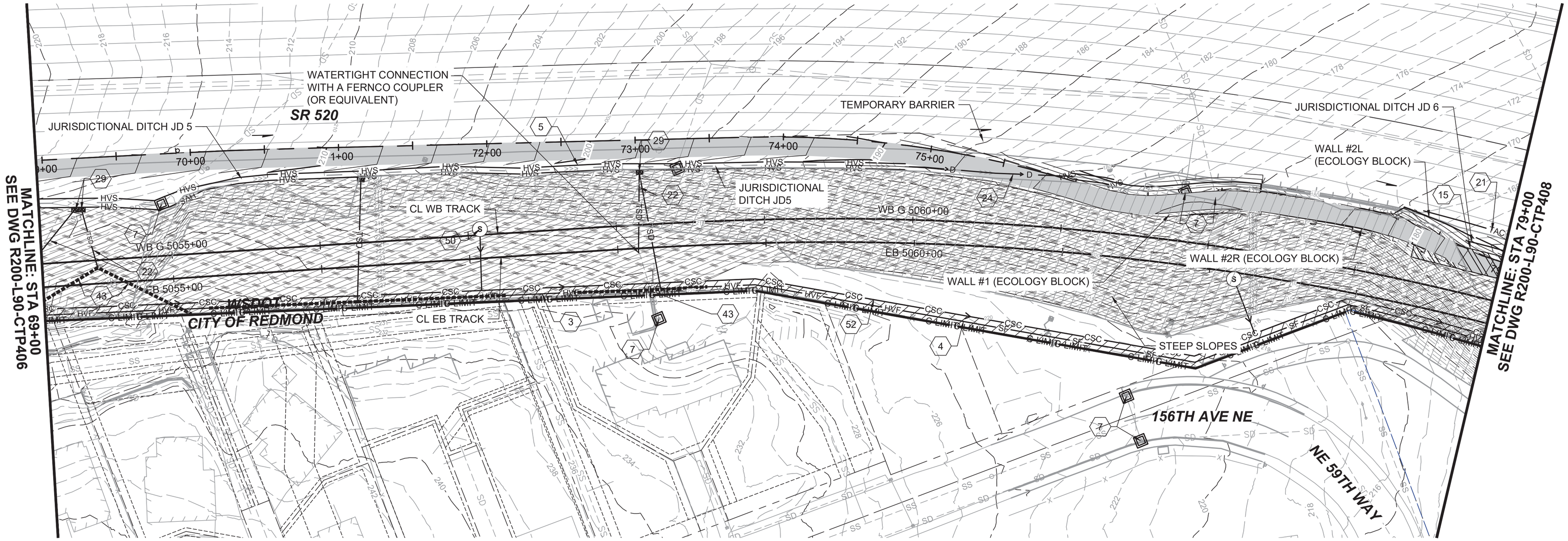
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 59+00 TO STA 69+00

DRAWING No.: **L90-CTP406**
FACILITY ID:
SHEET No.: 35
REV:

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
xR200_MOT_SRS20Shift
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CG4-TMP090
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
21. INSTALL TEMPORARY CURB
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
24. INSTALL TEMPORARY DRAIN PIPE
29. INSTALL OUTLET PROTECTION
43. CONSTRUCT INTERCEPTOR DIKE
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

O'Neill Service Group

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP407
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

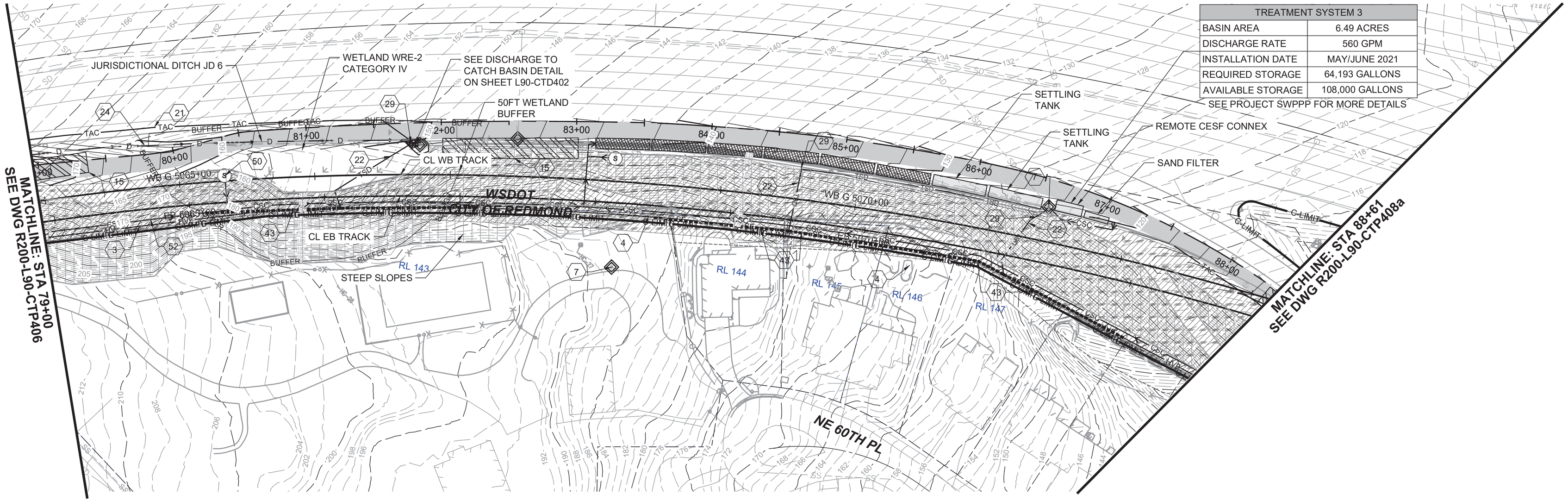
CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 69+00 TO STA 79+00

DRAWING No.: **L90-CTP407**
FACILITY ID:
SHEET No.: 36
REV:

07/29/20 | 1:33 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP407.DWG

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
xR200_MOT_SRS20Shift
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA



TREATMENT SYSTEM 3	
BASIN AREA	6.49 ACRES
DISCHARGE RATE	560 GPM
INSTALLATION DATE	MAY/JUNE 2021
REQUIRED STORAGE	64,193 GALLONS
AVAILABLE STORAGE	108,000 GALLONS

SEE PROJECT SWPPP FOR MORE DETAILS

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
21. INSTALL TEMPORARY CURB
22. INSTALL TEMPORARY PIPE SLOPE DRAIN
24. INSTALL TEMPORARY DRAIN PIPE
29. INSTALL OUTLET PROTECTION
43. CONSTRUCT INTERCEPTOR DIKE
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 1:38 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWART\JD0235446\R200-L90-CTP408.DWG

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS — STATE OF WASHINGTON — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

O'Neill Service Group

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP408
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 79+00 TO STA 89+00

DRAWING No.: **L90-CTP408**
FACILITY ID:
SHEET No.: 37
REV:

Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
xR200-L90-CG4-KAV100
CG4-GEN-NOTES
CG4-Haul-Road
xR200_MOT_SR520Shift
CG4-GEN-LIMITS
xR200-L90a-RPP100
xR200-L90-CG4-CON100
xR200-L90-CG4-TMP090
CG4-GEN-SITE-AREA
xDRLE-L90-VCN
xR200-L90-CG4-CTP101
GB-SEAL-SHF50054
CG4-PERMIT-ONLY-NOTE
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
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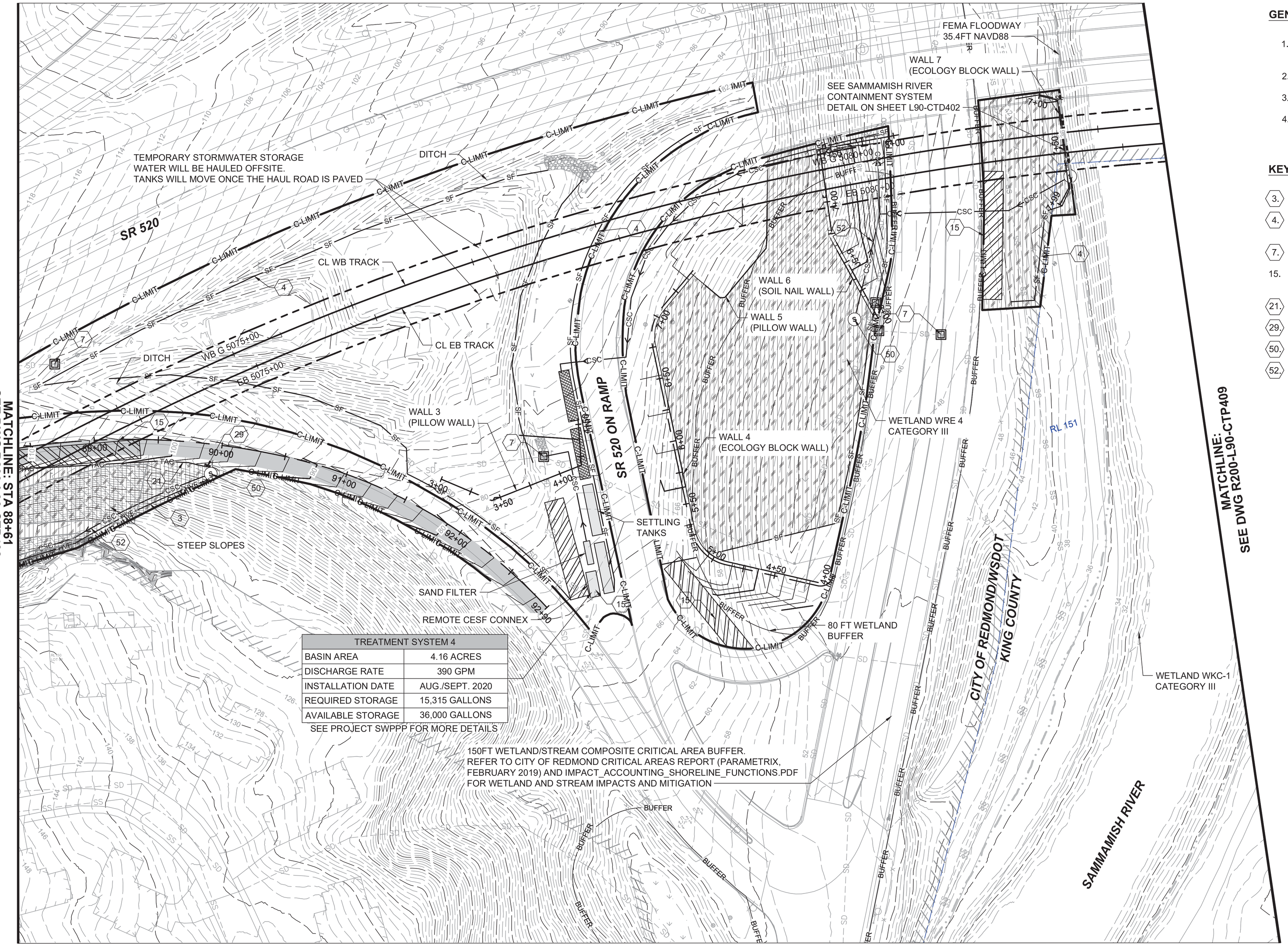
xR200-L90a-CEP200
xDRLE-GIS-VFP
xR200-L90-CZN101
xR200-L90-VFP



TREATMENT SYSTEM 4	
BASIN AREA	4.16 ACRES
DISCHARGE RATE	390 GPM
INSTALLATION DATE	AUG./SEPT. 2020
REQUIRED STORAGE	15,315 GALLONS
AVAILABLE STORAGE	36,000 GALLONS

SEE PROJECT SWPPP FOR MORE DETAILS

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

3. INSTALL HIGH VISIBILITY FENCE PER WSDOT STD PLAN I-10.10-01
4. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.10-02 OR COR DETAIL 502
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
21. INSTALL TEMPORARY CURB
29. INSTALL OUTLET PROTECTION
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
SCALE:	1" = 40'
FILENAME:	R200-L90-CTP408A
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
LINE IS 1" AT FULL SCALE	
DESIGN PACKAGE:	
PERMIT INFORMATION:	

STEVEN HOMER FLOWERS
STATE OF WASHINGTON
50054
REGISTERED PROFESSIONAL ENGINEER
07/29/2020

O'Neill Service Group

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
WEST LAKE SAMMAMISH PKWY VICINITY

DRAWING No.: **L90-CTP408A**
FACILITY ID:
SHEET No.: 38
REV:

07/29/20 | 1:43 PM | JEFFSTEWART
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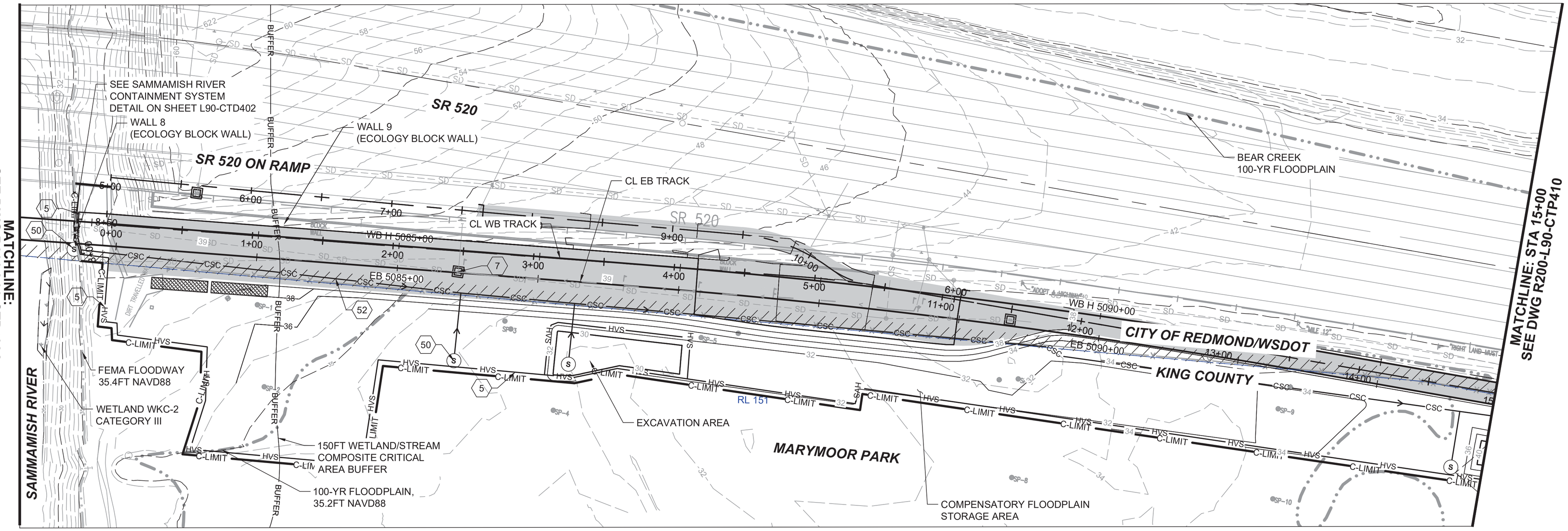
Attachment 4

Xrefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CG4-CON100
xR200-L90-CTG103
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA
xR200-L90-VFP

MATCHLINE:
SEE DWG R200-L90-CTP408A



MATCHLINE: STA 15+00
SEE DWG R200-L90-CTP410

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

O'Neill Service Group

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP409
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 5+00 TO STA 15+00

DRAWING No.: **L90-CTP409**
FACILITY ID:
SHEET No.: 39
REV:

07/29/20 | 1:49 PM | JEFFSTEWART
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Attachment 4

Krefs:
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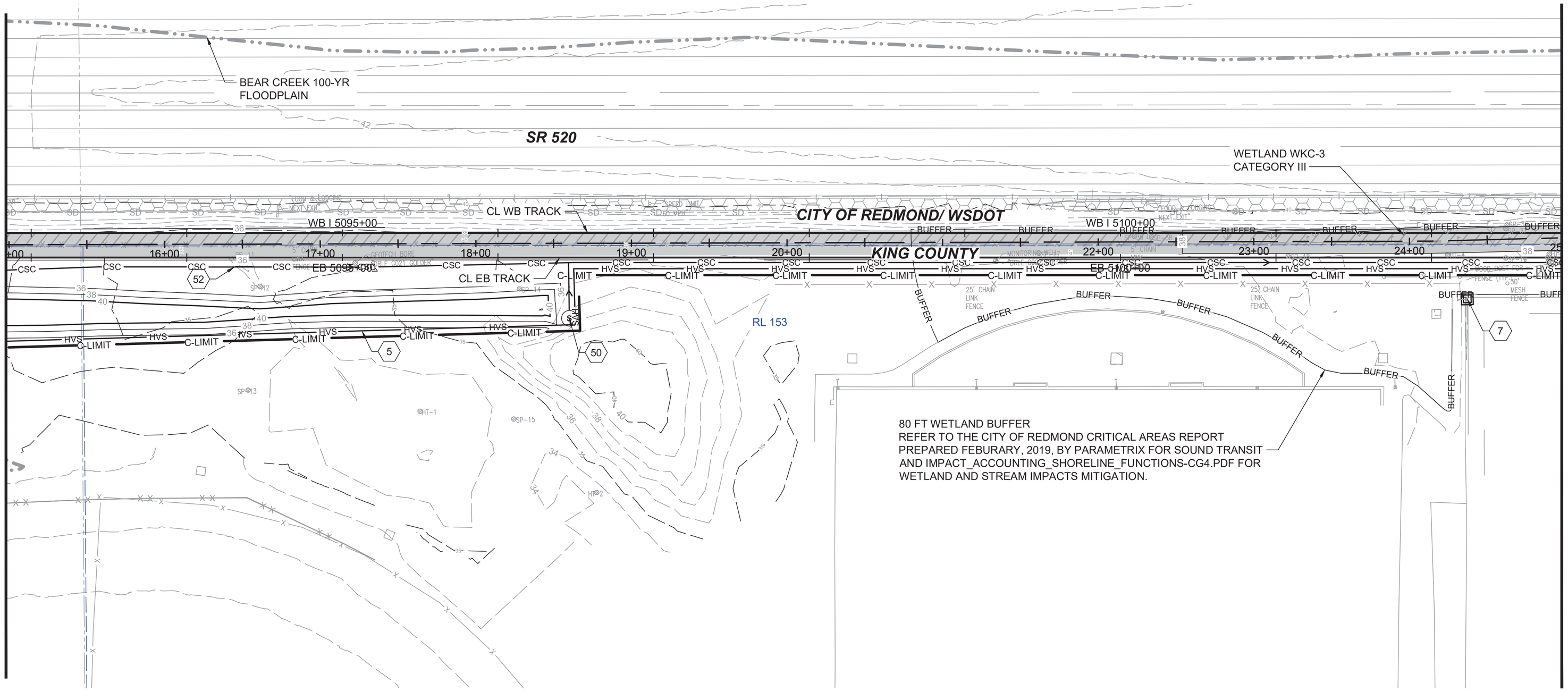
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xDRLE-L90-VSF
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA
xR200-L90-VFP



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
50. FIELD FIT SUMP
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 1:54 PM | JEFFSTEWART
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FOR REFERENCE ONLY

DESIGNED BY: S. DARST					SCALE: 1" = 40'	DESIGN PACKAGE:	DRAWING No.: L90-CTP410
DRAWN BY: J. STEWART					FILENAME: R200-L90-CTP410	PERMIT INFORMATION:	FACILITY ID:
CHECKED BY: S. DARST					CONTRACT No.: RTA/CN 0148-18		SHEET No.: 40 REV:
APPROVED BY: S. FLOWERS		REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020		

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

O'Neill Service Group

SWK Stacy and Witbeck / Kuney

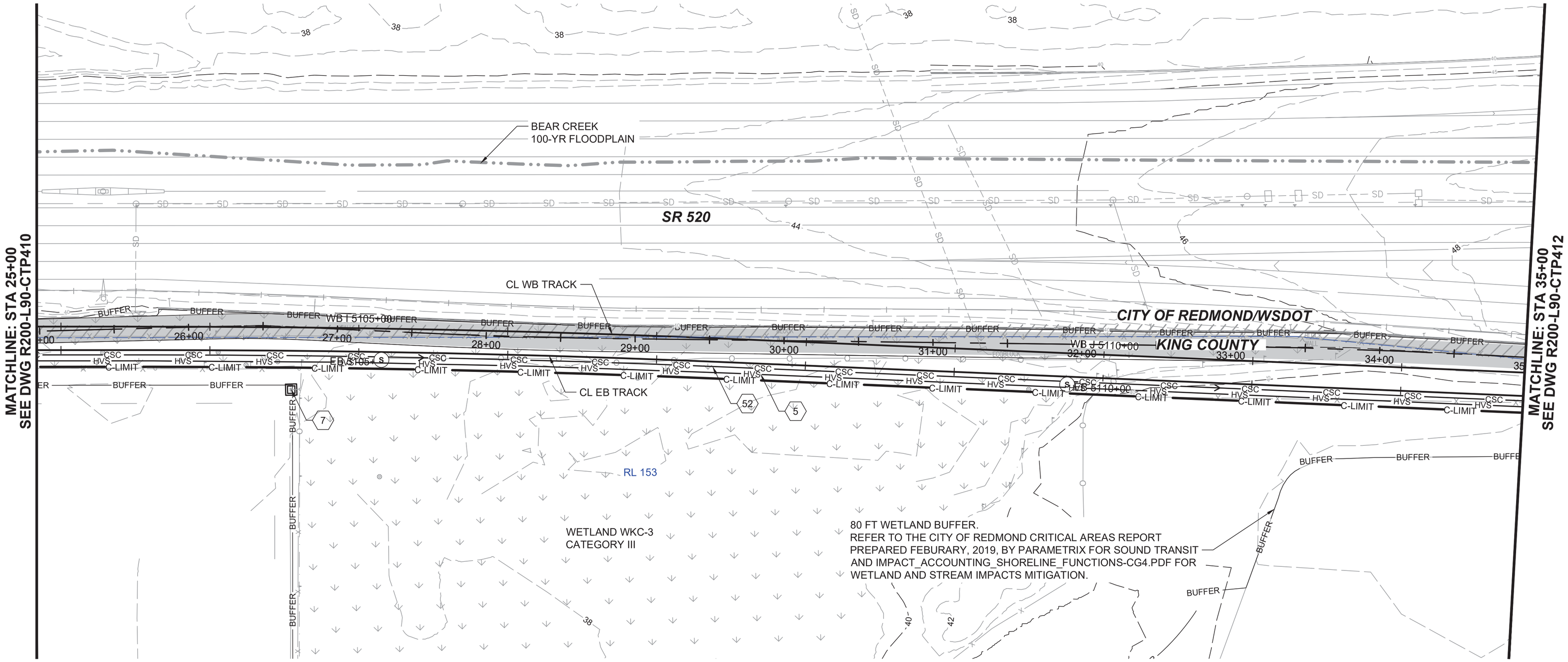
SOUNDTRANSIT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 15+00 TO STA 25+00

Attachment 4

Krefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-C-KAP100
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA
xR200-L90-VFP



GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 1:59 PM | JEFFSTEWART
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FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	1" = 40'
FILENAME:	R200-L90-CTP411
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

STATE OF WASHINGTON — JAMES VEN HOMER FLOWERS — 50054 — REGISTERED PROFESSIONAL ENGINEER — 07/29/2020

O'Neill Service Group

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

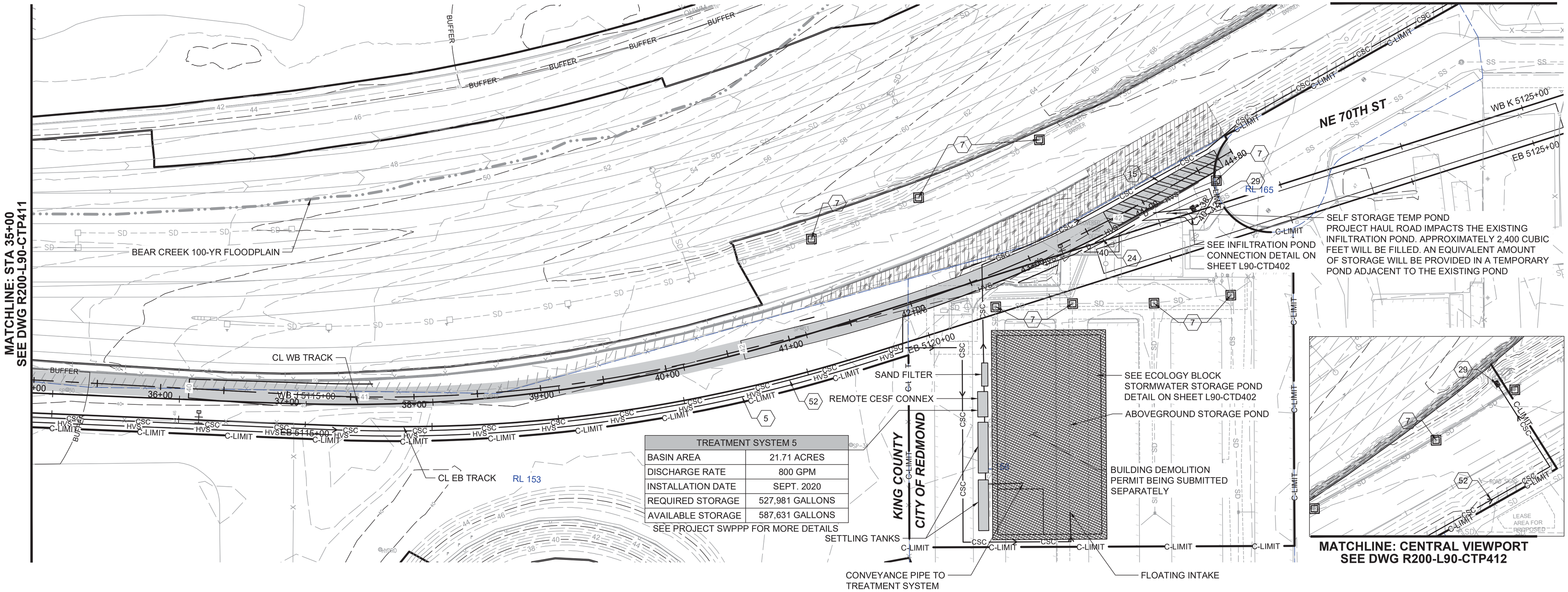
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 25+00 TO STA 35+00

DRAWING No.: **L90-CTP411**
FACILITY ID:
SHEET No.: 41
REV:

Attachment 4

Krefs:
xR200-TB22x34
xDRLE-GIS-VSF
xDRLE-L90-VRX
xR200-L90-C-KAP100
xDRLE-L90-VSF
xDRLE-STREET-NAMES
xR200-L90-CG4-GZK040
CG4-Haul-Road
CG4-GEN-LIMITS
GB-SEAL-SHF50054
xR200-L90-CZN101
xR200-L90-CG4-CTP101
xDRLE-L90-VCN
CG4-PERMIT-ONLY-NOTE
xR200-L90-CG4-KAV100
xR200-L90-LIP100-CG4
xDRLE-GIS-VUT
xDRLE-L90-VUT
xR200-L90-CTG103
xR200-L90-CG4-CON100
xR200-L90a-CEP200
xDRLE-GIS-VFP
CG4-GEN-SITE-AREA
xR200-L90-VFP



TREATMENT SYSTEM 5	
BASIN AREA	21.71 ACRES
DISCHARGE RATE	800 GPM
INSTALLATION DATE	SEPT. 2020
REQUIRED STORAGE	527,981 GALLONS
AVAILABLE STORAGE	587,631 GALLONS

SEE PROJECT SWPPP FOR MORE DETAILS

GENERAL NOTES:

1. FOR TEMPORARY EROSION AND SEDIMENT CONTROL NOTES, SEE L90-CTN001
2. FOR DRAINAGE, SEE L90-CDP101 THRU L90-CDP336
3. FOR DEMO, SEE L90-CXP101 THRU L90-CXP352
4. IF A BMP DETAIL IS NOT INCLUDED IN THIS PLAN SET THE BMP FROM THE RELEVANT AHJ WILL BE USED.

KEY NOTES:

5. INSTALL HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.16-01
7. INSTALL INLET PROTECT PER WSDOT STD PLAN I-40.20-00
15. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-02
24. INSTALL TEMPORARY DRAIN PIPE
29. INSTALL OUTLET PROTECTION
52. CONSTRUCTION STORMWATER CONVEYANCE PIPE

N

40 20 0 40 80
SCALE IN FEET

07/29/20 | 2:05 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWARTJ\D0235446\R200-L90-CTP412.DWG

FOR REFERENCE ONLY

DESIGNED BY:	G.HOOKER
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

O'Neill Service Group — REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney — SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT — LINE IS 1" AT FULL SCALE

SCALE:	1" = 40'
FILENAME:	R200-L90-CTP412
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC PLAN
STA 35+00 TO STA 45+00

DRAWING No.: **L90-CTP412**
FACILITY ID:
SHEET No.: 42
REV:

Attachment 4

Krefs:
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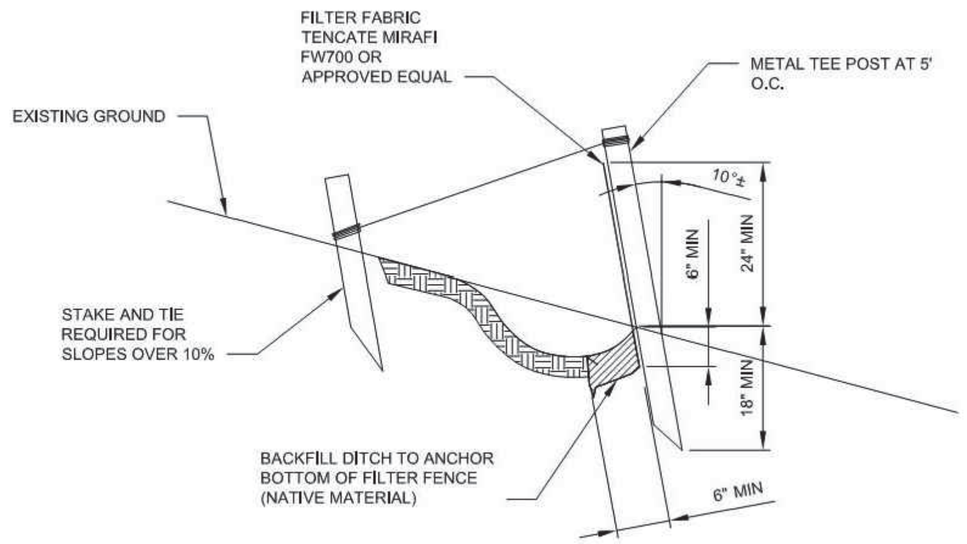
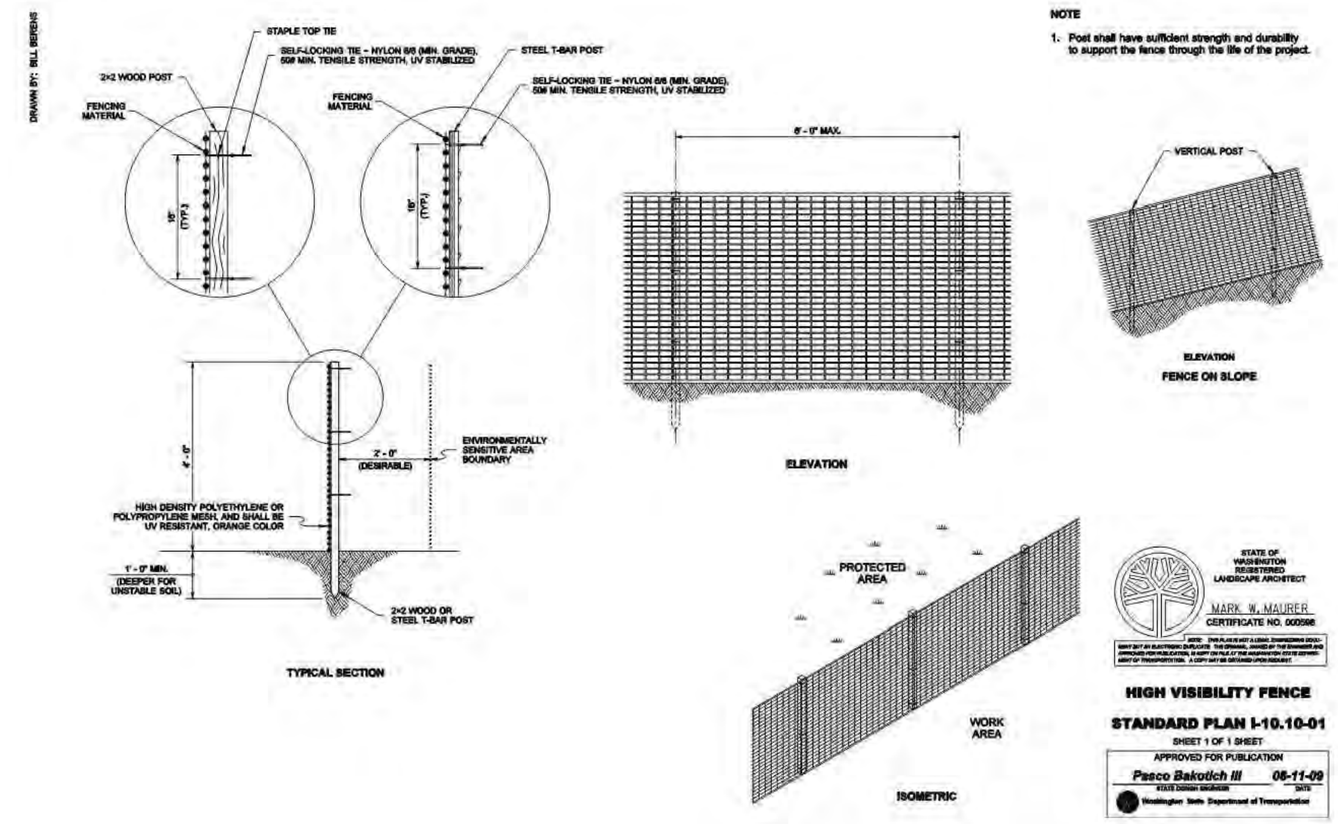
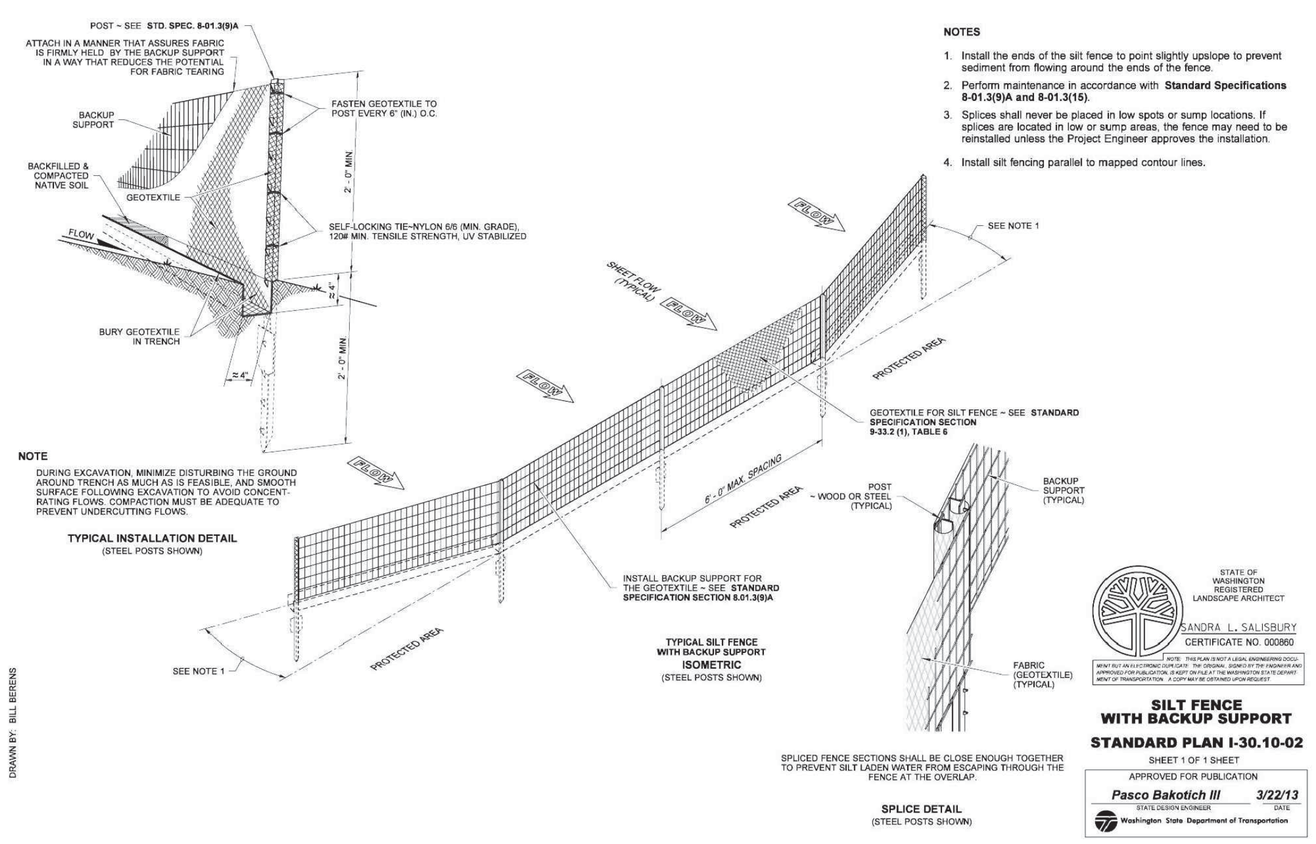
GB-SEAL-SHF50054
R200-L90-CTD101
CG4-PERMIT-ONLY-NOTE



CITY OF REDMOND DETAIL 502
FILTER FABRIC FENCE

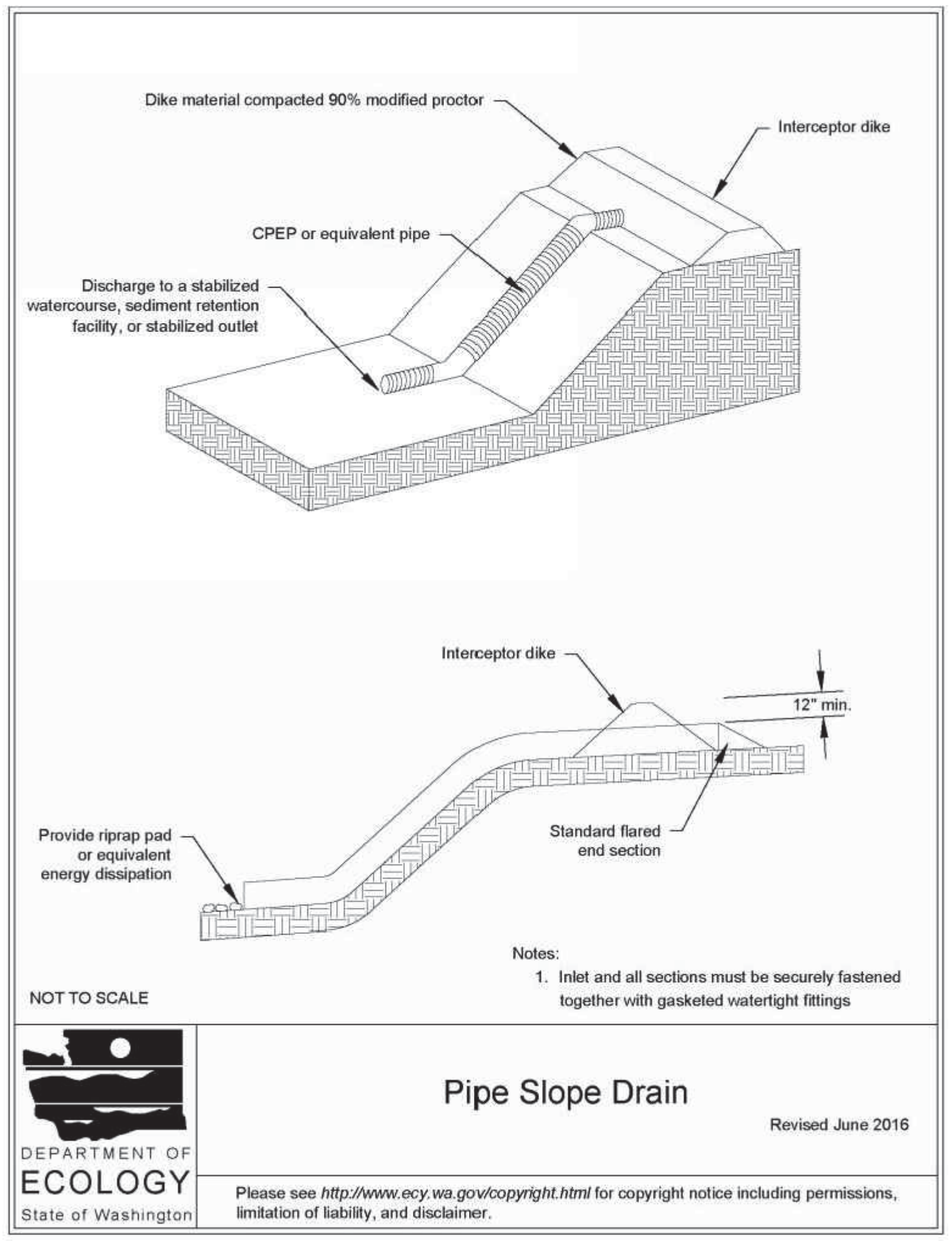


WSDOT DETAIL I-10.10-01
HIGH VISIBILITY FENCE

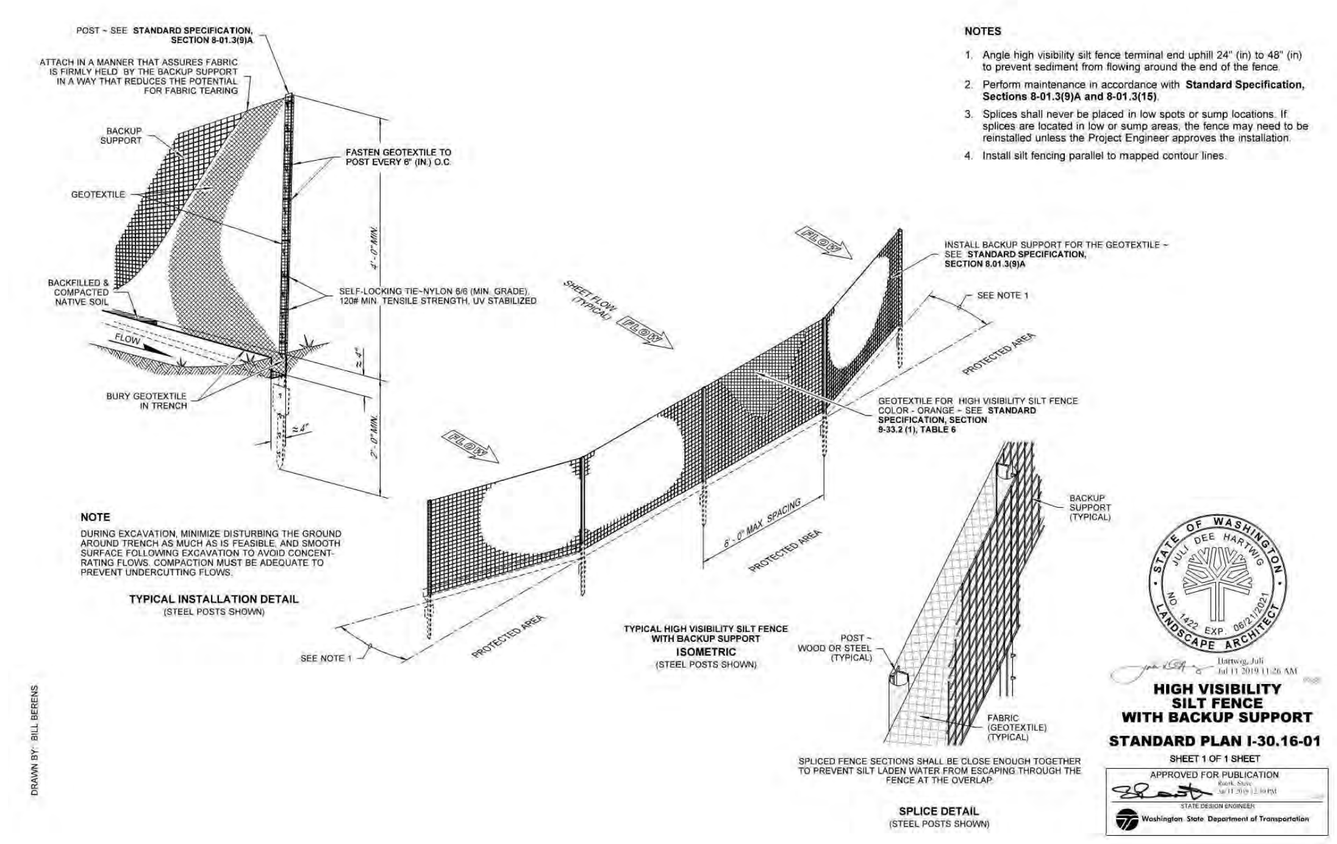


WSDOT DETAIL I-30.10-02
SILT FENCE WITH BACKUP SUPPORT

SILT FENCE
NTS



PIPE SLOPE DRAIN
NTS



WSDOT DETAIL I-30.16-01
HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT

HIGH VISIBILITY FENCE
NTS

FOR REFERENCE ONLY

DESIGNED BY: S. DARST	OSG O'Neill Service Group	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: NTS	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION CONTRACT R200 REDMOND TECH CENTER TO DOWNTOWN REDMOND CLEARING AND GRADING PERMIT #4 TESC DETAILS
DRAWN BY: J. STEWART	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	FILENAME: R200-L90-CTD400	PERMIT INFORMATION:	DRAWING No.: L90-CTD400
CHECKED BY: S. DARST				CONTRACT No.: RTA/CN 0148-18		FACILITY ID:
APPROVED BY: S. FLOWERS				DATE: 07/29/2020		SHEET No.: 43 REV:

STEVEN HOMER FLOWERS STATE OF WASHINGTON 50054 REGISTERED PROFESSIONAL ENGINEER 07/29/2020

07/29/20 | 2:16 PM | JEFFSTEWART
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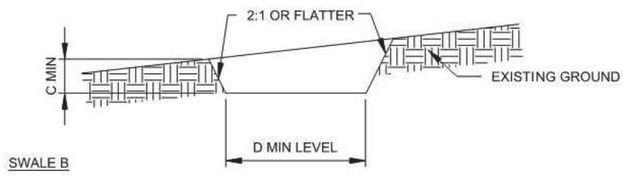
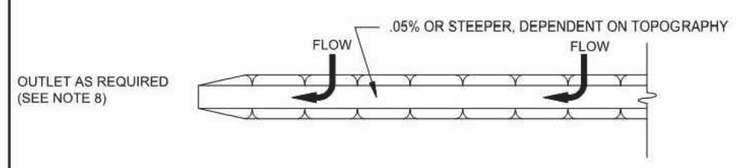
Attachment 4

Krefs:
xR200-TB22x34
GB-SEAL-SHF50054
R200-L90-CTD101
CG4-PERMIT-ONLY-NOTE



	SWALE A	SWALE B
C	1'	1'
D	4'	6'

CROSS SECTION
NTS



PLAN VIEW
NTS

STANDARD SYMBOL
A-2 / B-3

NOTES:

1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITIES.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
7. ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE SWALE.
8. STABILIZATION SHALL BE AS PER THE CHART BELOW:

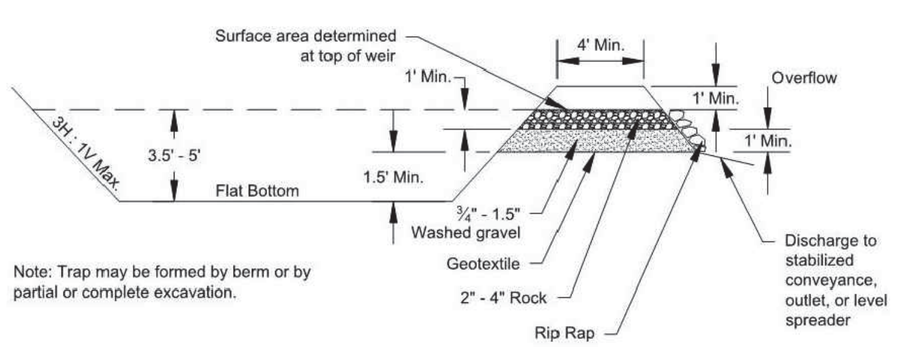
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	A (5 AC OR LESS)	B (5 AC - 10 AC)
1	0.5% - 3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1% - 5.0%	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSIOR
3	3.1% - 5.0%	SEED USING JUTE OR EXCELSIOR; SOD	LINED RIP-RAP 4"-8" RECYCLED CONCRETE EQUIVALENT
4	3.1% - 5.0%	LINED 4"-8" RIP-RAP	ENGINEERED DESIGN

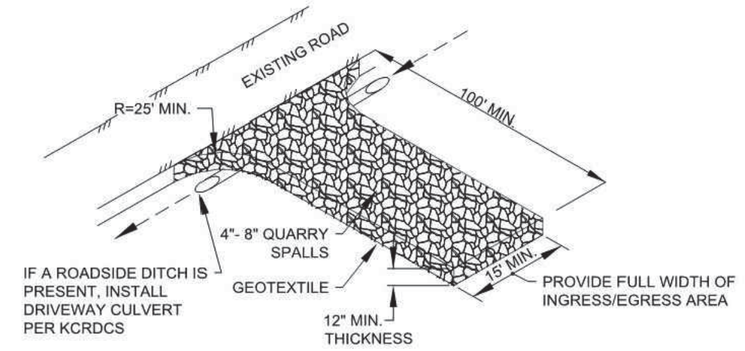
9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

APPROVED BY: GARY M. SCHIMEK
NATURAL RESOURCES/STORMWATER ENGINEERING MANAGER
REVISION DATE: MARCH 01, 2017
CityofRedmond
STANDARD DETAILS
TEMPORARY SWALE
FILE NAME: SD504.DWG
DETAIL NUMBER: **504**

TEMPORARY SWALE
NTS



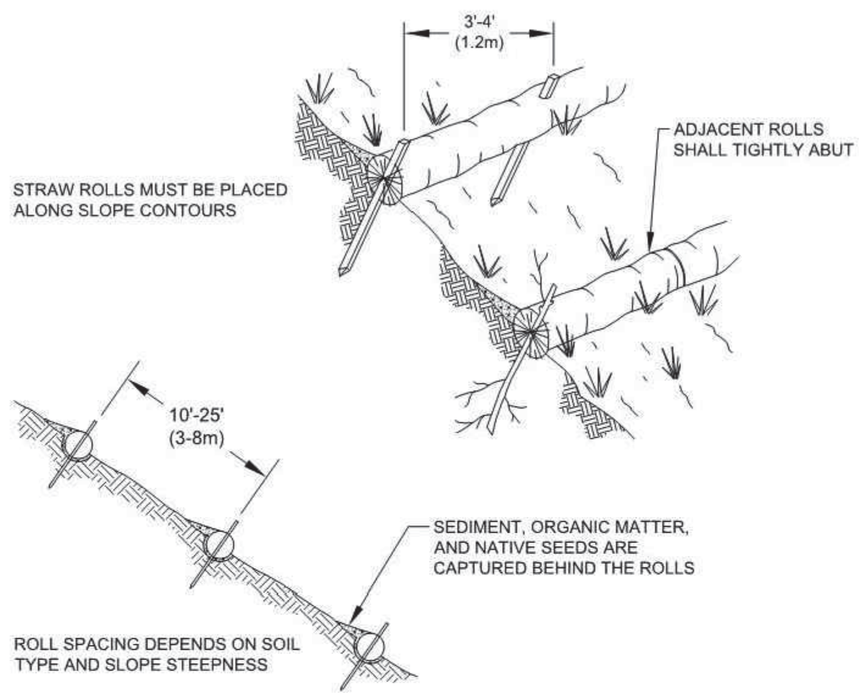
SEDIMENT TRAP
NTS

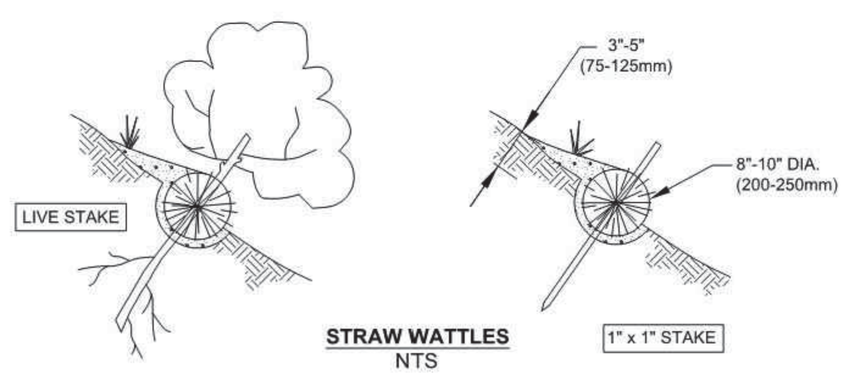


NOTES:

- PER KING COUNTY ROAD DESIGN AND CONSTRUCTION STANDARDS (KCRDCS), DRIVEWAYS SHALL BE PAVED TO EDGE OF R-O-W PRIOR TO INSTALLATION OF THE CONSTRUCTION ENTRANCE TO AVOID DAMAGING OF THE ROADWAY.
- IT IS RECOMMENDED THAT THE ENTRANCE BE CROWNED SO THAT RUNOFF DRAINS OFF THE PAD.

STABILIZED CONSTRUCTION ACCESS
NTS



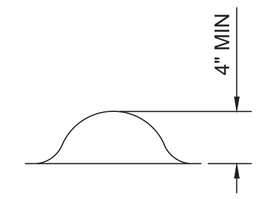


STRAW WATTLES
NTS

NOTES:

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" x 5" (75-125mm) DEEP, DUG ON CONTOUR.
2. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

WATTLES
NTS



NOTE:

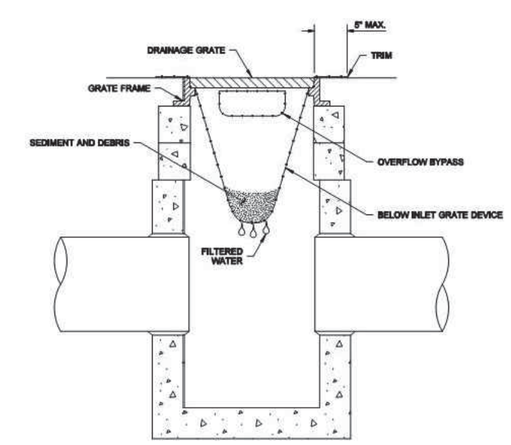
CONSTRUCT TEMPORARY CURB IN ACCORDANCE WITH SECTION 8-01.3(13) OF THE WSDOT STANDARD SPECIFICATIONS.

TEMPORARY CURB
NTS

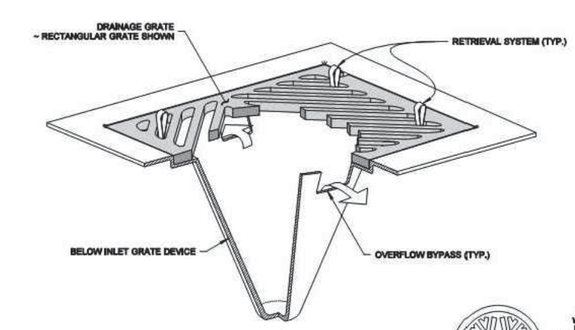
DRAWN BY: LISA CYKORD

NOTES

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 8-01.3(15).



SECTION VIEW
NOT TO SCALE



ISOMETRIC VIEW

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
MARK W. MAURER
CERTIFICATE NO. 000566

STORM DRAIN INLET PROTECTION
STANDARD PLAN I-40.20-00
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Pasco Bakotich III 09-20-07
STATE BRIDGE ENGINEER DATE
Washington State Department of Transportation

INLET PROTECTION
NTS

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS

STEVEN HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

OSG O'Neill Service Group
REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney
SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT
LINE IS 1" AT FULL SCALE

SCALE:	NTS
FILENAME:	R200-L90-CTD401
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC DETAILS

DRAWING No.: **L90-CTD401**
FACILITY ID:
SHEET No.: 44
REV:

07/29/20 | 2:17 PM | JEFFSTEWART
C:\PWWORKING\JACOBS_B&I\JEG_EX-STEWARTJ\D0235446\R200-L90-CTD401.DWG

Attachment 4

Xrefs:
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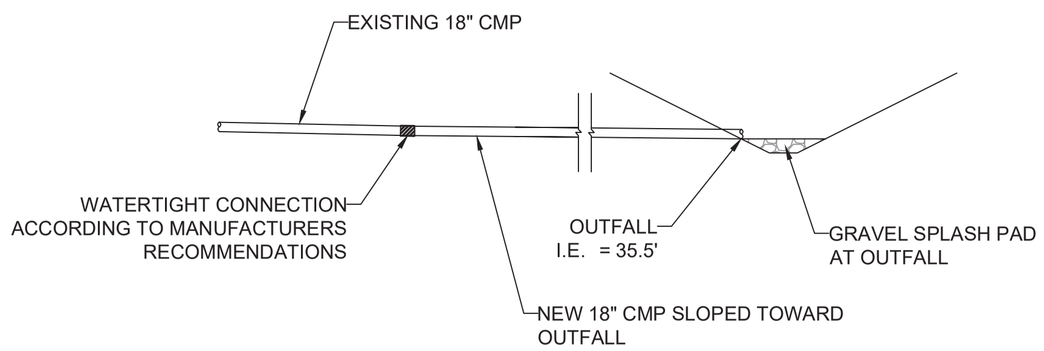
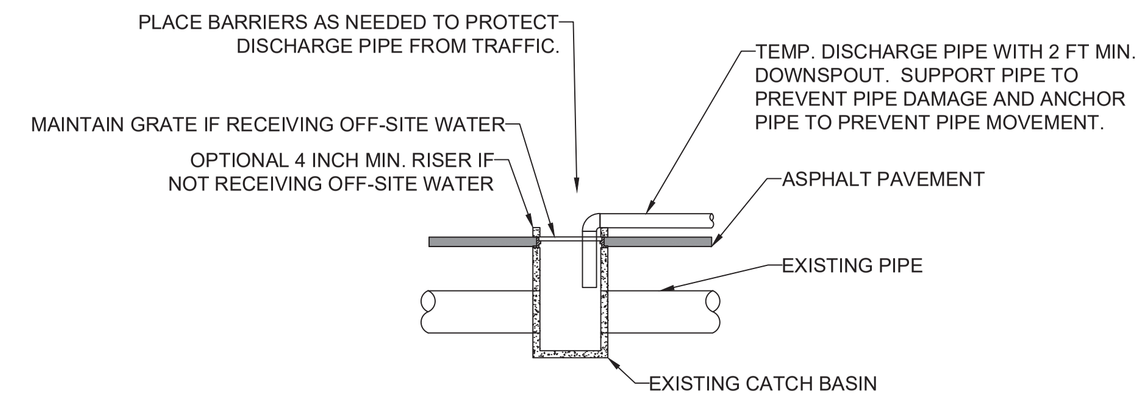
GB-SEAL-SHF50054
R200-L90-CTD101
CG4-PERMIT-ONLY-NOTE



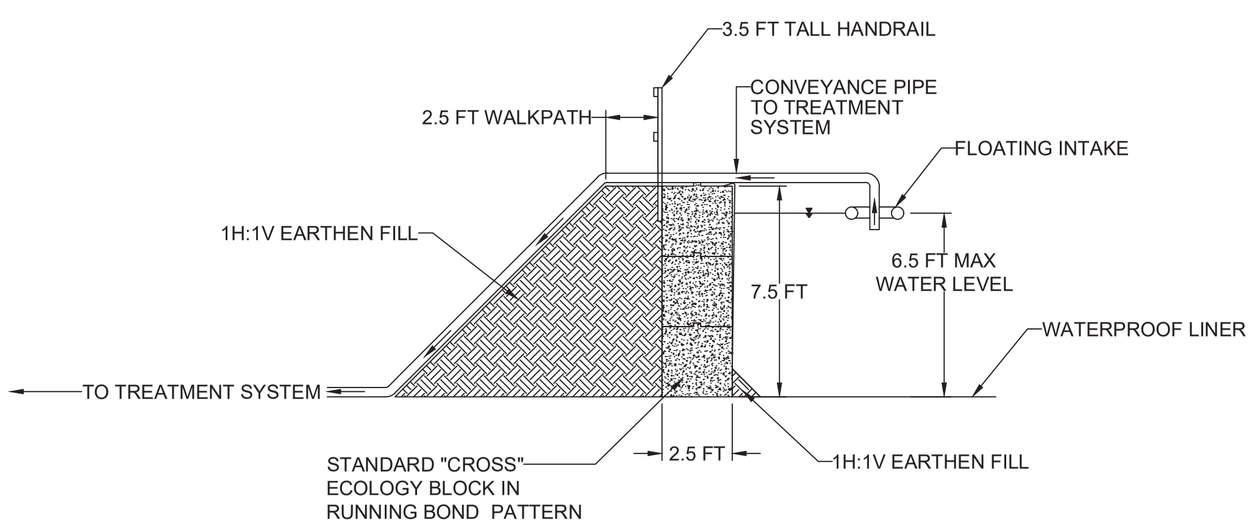
SELF STORAGE INFILTRATION POND CONNECTION

NTS



DISCHARGE TO CATCH BASIN DETAIL

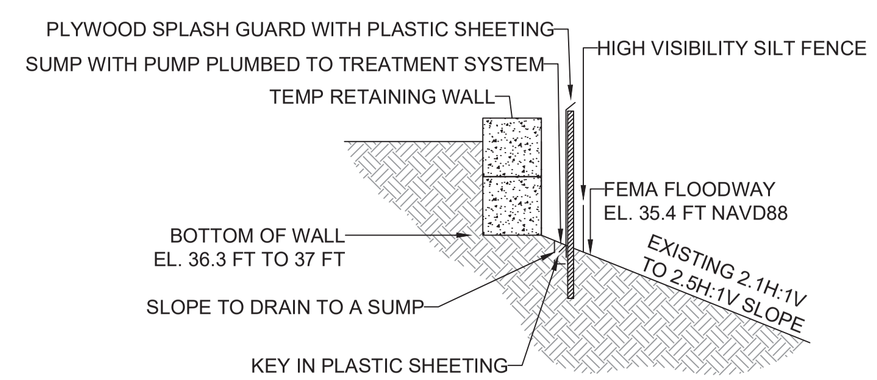
NTS



NOTE:
PLACE BLOCKS AND EARTHEN FILL ON FIRM AND UNYIELDING NATIVE SUBGRADE SOIL OR COMPACTED STRUCTURAL FILL.

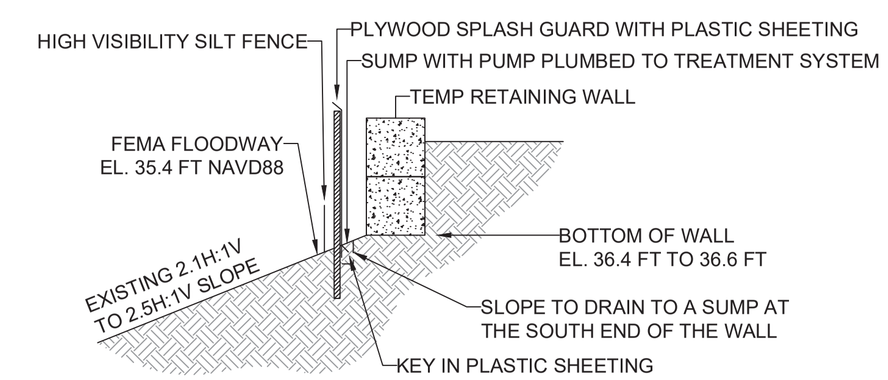
ECOLOGY BLOCK STORMWATER STORAGE POND DETAIL

NTS



NOTES:
NO WORK WILL OCCUR IN THE FEMA FLOODWAY
EXPOSED SOIL WILL BE COVERED WITH STRAW (OR EQUIVALENT).
WATER COLLECTED IN THE SUMP SHALL BE CONVEYED TO THE STORMWATER TREATMENT SYSTEM. BMPs IN THE FEMA FLOODWAY SHALL BE REMOVED BEFORE OCTOBER 1, 2020. REFER TO THE SHORING DRAWINGS FOR BLOCK WALL CONSTRUCTION DETAILS.

WALL 7



NOTES:
NO WORK WILL OCCUR IN THE FEMA FLOODWAY
EXPOSED SOIL WILL BE COVERED WITH STRAW (OR EQUIVALENT).
WATER COLLECTED IN THE SUMP SHALL BE CONVEYED TO THE STORMWATER TREATMENT SYSTEM. BMPs IN THE FEMA FLOODWAY SHALL BE REMOVED BEFORE OCTOBER 1, 2020. REFER TO THE SHORING DRAWINGS FOR BLOCK WALL CONSTRUCTION DETAILS.

WALL 8

SAMMAMISH RIVER PROTECTION SCHEMATIC

NTS

FOR REFERENCE ONLY

DESIGNED BY:	S. DARST
DRAWN BY:	J. STEWART
CHECKED BY:	S. DARST
APPROVED BY:	S. FLOWERS
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	NTS
FILENAME:	R200-L90-CTD402
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

ARTHUR HOMER FLOWERS, STATE OF WASHINGTON, 50054, REGISTERED PROFESSIONAL ENGINEER, 07/29/2020

OSG O'Neill Service Group

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

CLEARING AND GRADING PERMIT #4
TESC DETAILS

DRAWING No.: L90-CTD402
FACILITY ID:
SHEET No.: 45
REV:

07/29/20 | 2:17 PM | JEFFSTEWART
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Attachment 4

Krefs:
xR200-GEN-TB22x34
xR200-L90-CXN201-CG4
CG4-PERMIT-ONLY-NOTE
GB-SEAL-LBF1465

DEMO AND REMOVAL LEGEND*

HVF — EARLY CLEARING AND GRUBBING #4 PERMIT LIMITS

4087 — EXISTING DECIDUOUS TREE WITH DRIPLINE AND TREE TAG

4088 — EXISTING CONIFEROUS TREE WITH DRIPLINE AND TREE TAG

EXISTING DECIDUOUS TREE REMOVAL

EXISTING CONIFEROUS TREE REMOVAL

EXISTING DECIDUOUS TREE WITH PROTECTION FENCING

EXISTING CONIFEROUS TREE WITH PROTECTION FENCING

SIGNIFICANT DECIDUOUS TREE RETAINED - PROJECT WIDE

SIGNIFICANT CONIFEROUS TREE RETAINED - PROJECT WIDE

SIGNIFICANT DECIDUOUS TREE REMOVED - PROJECT WIDE

SIGNIFICANT CONIFEROUS TREE REMOVED - PROJECT WIDE

LANDMARK DECIDUOUS TREE RETAINED - CITY OF REDMOND

LANDMARK CONIFEROUS TREE RETAINED - CITY OF REDMOND

LANDMARK DECIDUOUS TREE REMOVED - CITY OF REDMOND

LANDMARK CONIFEROUS TREE REMOVED - CITY OF REDMOND

NON SIGNIFICANT DECIDUOUS TREE RETAINED - PROJECT WIDE

NON SIGNIFICANT CONIFEROUS TREE RETAINED - PROJECT WIDE

NON SIGNIFICANT DECIDUOUS TREE REMOVED - PROJECT WIDE

NON SIGNIFICANT CONIFEROUS TREE REMOVED - PROJECT WIDE

DEMO AND REMOVAL SYMBOLS*

R-046 — SIGN REMOVAL CALLOUT

1 — BUILDING NUMBER ASSIGNED IN R/L TABLE ON DEMOLITION AND REMOVAL DRAWINGS L90-CXP101 TO L90-CXP336

***REFER TO GEN-GZN106 TO GZN107 FOR ADDITIONAL SYMBOLS AND LEGEND**

CITY OF REDMOND TREE RETENTION TABLE - CLEAR AND GRADE #4- CRITICAL AREAS AND SHORELINE

TREE TYPE	REMOVAL		RETAINED		TOTAL
LANDMARK (>30" DBH)	QTY. REMOVED	2	QTY. RETAINED	38	40
	% REMOVED	5%	% RETAINED	95%	6%
SIGNIFICANT (6"-30" DBH)	QTY. REMOVED	6	QTY. RETAINED	632	638
	% REMOVED	1%	% RETAINED	99%	94%
TOTALS	QTY. REMOVED	8	QTY. RETAINED	670	678
	% REMOVED	1%	% RETAINED	99%	

CITY OF REDMOND TREE RETENTION TABLE - CLEAR AND GRADE #4- NON CRITICAL AREAS

TREE TYPE	REMOVAL		RETAINED		TOTAL
LANDMARK (>30" DBH)	QTY. REMOVED	5	QTY. RETAINED	82	87
	% REMOVED	6%	% RETAINED	94%	6%
SIGNIFICANT (6"-30" DBH)	QTY. REMOVED	276	QTY. RETAINED	1181	1457
	% REMOVED	19%	% RETAINED	81%	94%
TOTALS	QTY. REMOVED	281	QTY. RETAINED	1263	1544
	% REMOVED	18%	% RETAINED	82%	

KING COUNTY TREE SUMMARY TABLE - CLEAR AND GRADE #4- CRITICAL AREAS

	REMOVED	RETAINED	TOTAL
SIGNIFICANT TREES	22	55	77
NON-SIGNIFICANT TREES	45	125	170
ALL TREES	67	180	247

KING COUNTY TREE SUMMARY TABLE - CLEAR AND GRADE #4- NON CRITICAL AREAS

	REMOVED	RETAINED	TOTAL
SIGNIFICANT TREES	47	60	107
NON-SIGNIFICANT TREES	6	146	152
ALL TREES	53	206	259

WSDOT TREE SUMMARY TABLE - CLEAR AND GRADE #4

TREE TYPE	REMOVAL		RETAINED		TOTAL
CATEGORY 1 (>30" DBH)	QTY. REMOVED	33	QTY. RETAINED	26	59
	% REMOVED	56%	% RETAINED	44%	3%
CATEGORY 2 (4"-30" DBH)	QTY. REMOVED	1004	QTY. RETAINED	633	1637
	% REMOVED	62%	% RETAINED	38%	97%
TOTALS	QTY. REMOVED	1037	QTY. RETAINED	659	1696
	% REMOVED	61%	% RETAINED	39%	

NOTE: SUMMARY TABLE INCLUDES RED ALDERS AND BLACK COTTONWOODS.

TREE PROTECTION NOTES:

1. TREE PROTECTION FENCING TYPE SHALL MEET THE REQUIREMENT OF THE AHJ.
2. TREE PROTECTION FENCING SHALL BE INSTALLED AT THE EDGE OF THE TREE PROTECTION ZONE (TPZ). WHERE THE TPZ INCLUDES AN AREA COVERED BY HARDSCAPE, FENCING MAY BE INSTALLED AT THE EDGE OF THE HARDSCAPE.
3. TREE PROTECTION ZONE (TPZ) IS DEFINED AS THE AREA 5 FT. OFFSET FROM THE EDGE OF DRIP-LINE OF RETAINED TREES. ANY ENCROACHMENT ON THE TPZ WILL REQUIRE TREE PROTECTION BMPS AS DETERMINED BY THE PROJECT ARBORIST. BMPS INCLUDE FENCING, SIGNAGE, SOIL AND GROUND PROTECTION, MULCH, CLEARANCE PRUNING, ALTERNATIVE EXCAVATION, ROOT PRUNING, TEMPORARY IRRIGATION, AND ROOT AVOIDANCE DURING EXCAVATION.
4. PROTECTION SIGNAGE TO BE AFFIXED TO TREE PROTECTION FENCING PER SPECIFICATION SECTION 01 56 39.
5. FOR SURFACE WORK WITHIN THE TPZ OF RETAINED TREES, WHICH IS NOT ALREADY PROTECTED WITH HARDSCAPE SUCH AS CONCRETE SURFACES, PROTECT TREES AND TREE ROOTS AS FOLLOWS:
   a. INSTALL FOUR INCHES OF WOOD CHIP MULCH OVER JUTE MESH OR COIR MAT AND SOAKER HOSES ACROSS THE ENTIRE TPZ, KEEPING MULCH AT LEAST 12 INCHES AWAY FROM THE TRUNK.
   b. FOR WORK OCCURRING BETWEEN APRIL 1TH AND SEPTEMBER 30TH, APPLY AT LEAST TWO INCHES OF WATER EVERY OTHER WEEK BY WATERING WITH SLOW-RELEASE METHODS.
   c. INSTALL METAL PLATES OVER MULCH IN AREAS OF HEAVY EQUIPMENT USE.
   d. INSTALL PLYWOOD TRUNK PROTECTION AROUND TREE TRUNKS, CONSISTING OF FOUR 4 FOOT WIDE BY 8 FOOT HIGH PLYWOOD SHEETS FASTENED AT THE CORNERS.
   e. WHERE NECESSARY, INSTALL BRANCH PROTECTION FOR LATERAL LIMBS CONSISTING OF FOAM PADDING MATERIAL TO BE REMOVED OR REPLACED AS DIRECTED BY PROJECT ARBORIST.
6. WORK WITHIN THE TPZ SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 01 56 39 IN THE SPECIFICATIONS AND SHALL BE MONITORED BY THE PROJECT ARBORIST, INCLUDING ALL EXCAVATION, DEMOLITION, AND ALL RESURFACING OF SIDEWALKS AND ROAD BEDS.
7. CUT TREE TO BE REMOVED FLUSH WITH THE GROUND SURFACE.
8. PRUNING OF ROOTS OR BRANCHES LARGER THAN 2 INCHES IN DIAMETER SHALL BE DONE BY AN ISA CERTIFIED ARBORIST OR UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST.
9. IF GRADE CHANGES ADJACENT TO THE TPZ ARE REQUIRED NEAR A RETAINED TREE, THE PROJECT ARBORIST SHALL REVIEW THE PROPOSED GRADING TO DETERMINE IF ADDITIONAL PROTECTION MEASURES ARE REQUIRED OR IF THE TREE CAN BE RETAINED. THE GRADING SHALL BE SUPERVISED BY THE PROJECT ARBORIST.
10. DO NOT USE THE AREA WITHIN THE TREE PROTECTION FENCING FOR STORAGE, STAGING, OR PARKING.
11. MAINTAIN PROTECTIVE FENCE IN GOOD CONDITION UNTIL COMPLETION OF PROJECT.
12. PROJECT ARBORIST SHALL MONITOR MAINTENANCE OF ALL TREES AND LANDSCAPE REQUIRING PROTECTION TO ENSURE IT IS IN A HEALTHY CONDITION. REPORT DEFICIENCIES OR CONCERNS TO THE RESIDENT ENGINEER IMMEDIATELY. IMPLEMENT ADJUSTMENTS TO THE PROTECTION PLAN AS DIRECTED BY THE RESIDENT ENGINEER AS NEEDED DURING THE COURSE OF THE WORK.

07/28/20 | 11:21 PM | FRENCHLB
C:\PWWORKING\JACOBS_B&I\FRENCHLB\D0235446\R200-L90-TPN101.DWG

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH
DRAWN BY: A. KOLZOW
CHECKED BY: S. JENSEN
APPROVED BY: L. FRENCH

STATE OF WASHINGTON — LORCAN BRIAN FRENCH — NO. 1465 EXP. 12/31/20 — LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: R200-L90-TPN101
CONTRACT No.: RTA/CN 0148-18
DATE: 07/15/2020

DESIGN PACKAGE:
PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL NOTES

DRAWING No.: L90-TPN101
FACILITY ID:
SHEET No.: 48
REV:

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
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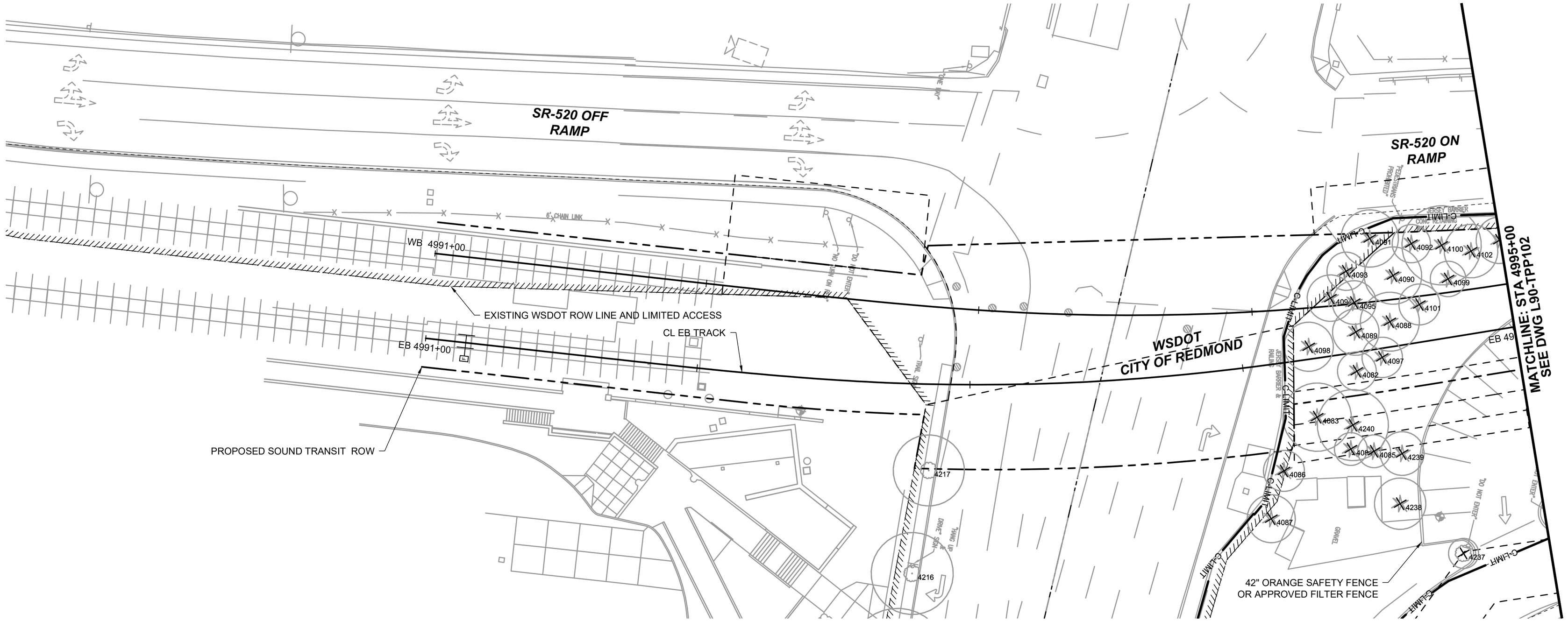

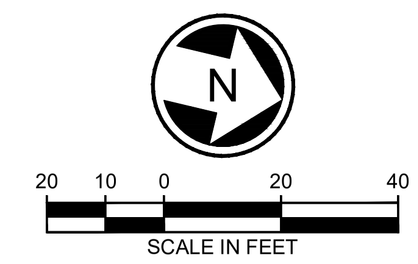

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	1" = 20'
FILENAME:	R200-L90-TPP101
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA START TO 4995+00

DRAWING No.: **L90-TPP101**
FACILITY ID:
SHEET No.: 49
REV:

07/28/20 | 11:29 AM | CL071971
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Attachment 4

Xrefs:
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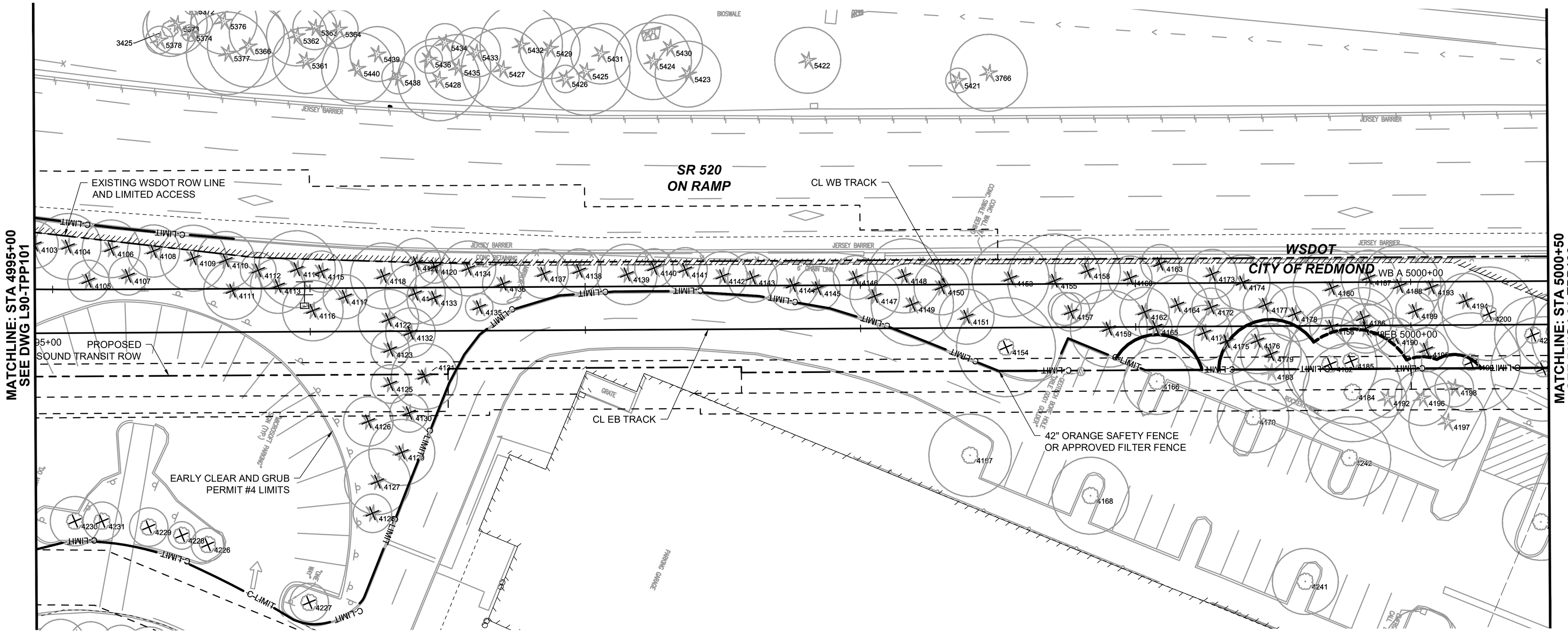
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
xR200-L90-CG4-LXP101
CG4-GEN-SITE-AREA
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH				SCALE: 1" = 20'	DESIGN PACKAGE:	DRAWING No.: L90-TPP102
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP102	PERMIT INFORMATION:	FACILITY ID:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		SHEET No.: 50 REV:
APPROVED BY: L. FRENCH		REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

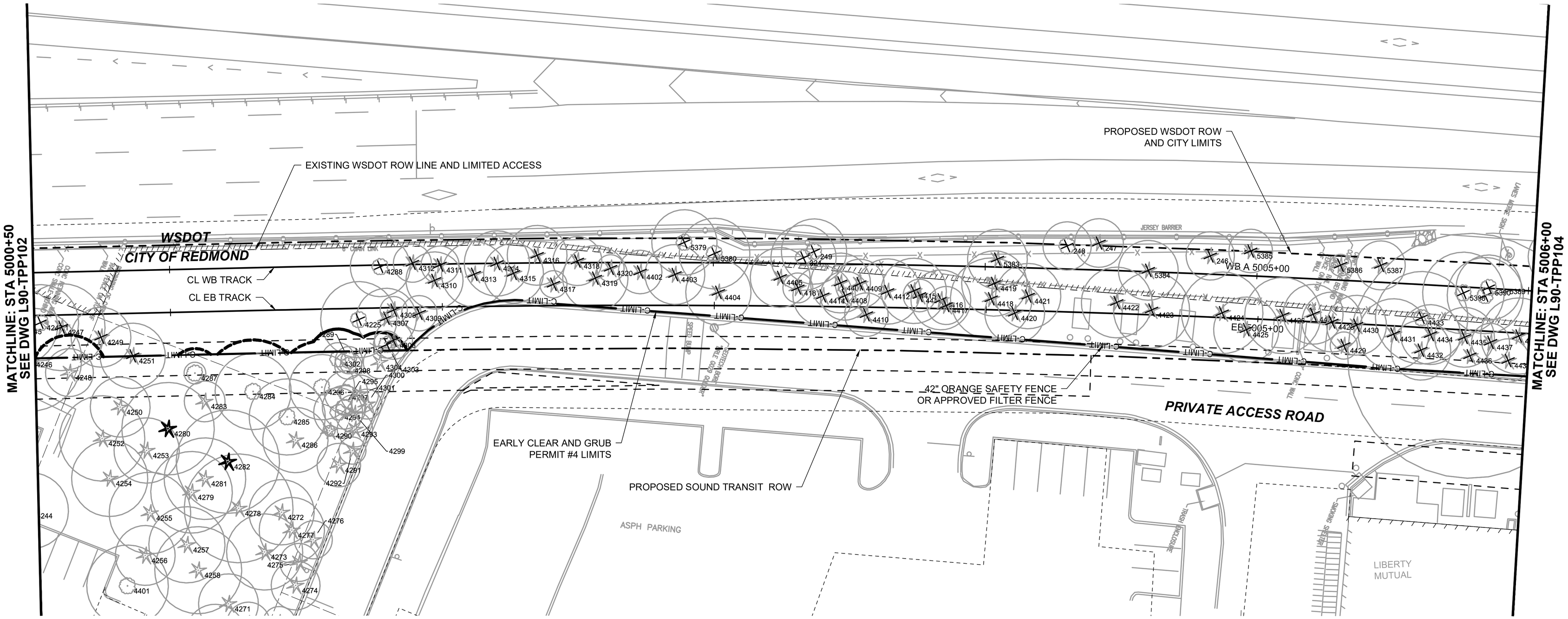
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 4995+00 TO 5000+50

07/28/20 | 11:30 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP102.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
xR200-L90-CG4-LXP101
CG4-GEN-SITE-AREA
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH				SCALE: 1" = 20'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP103	PERMIT INFORMATION:	CONTRACT R200
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		REDMOND TECH CENTER TO DOWNTOWN REDMOND
APPROVED BY: L. FRENCH		REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	DEMOLITION AND REMOVAL SURFACE FEATURES EB STA 5000+50 TO 5006+00

DRAWING No.: L90-TPP103

FACILITY ID:

SHEET No.: 51 REV:

07/28/20 | 11:32 AM | CL071971
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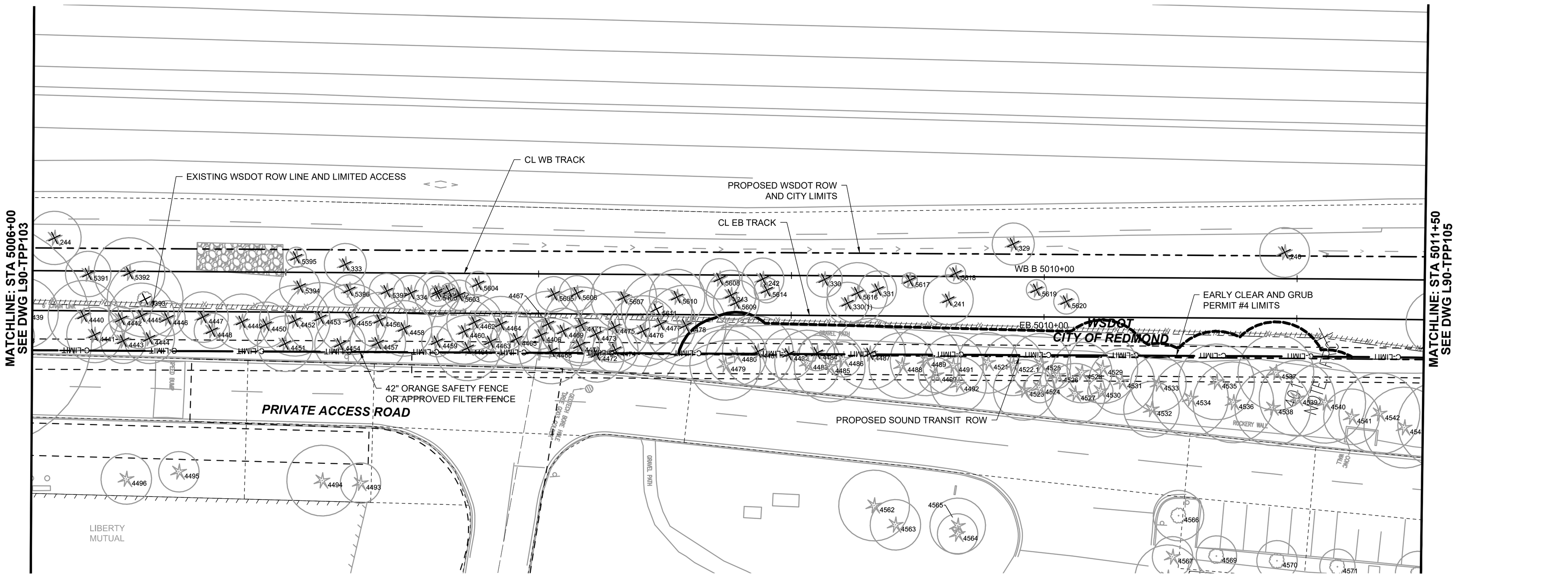
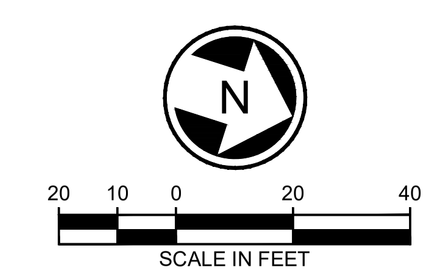
Attachment 4

Xrefs:
xR200-GEN-TB22x34
R200-L90-CXP105
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	1" = 20'
FILENAME:	R200-L90-TPP104
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5006+00 TO 5011+50

DRAWING No.:	L90-TPP104
FACILITY ID:	
SHEET No.:	52
REV:	

07/28/20 | 11:33 AM | CL071971
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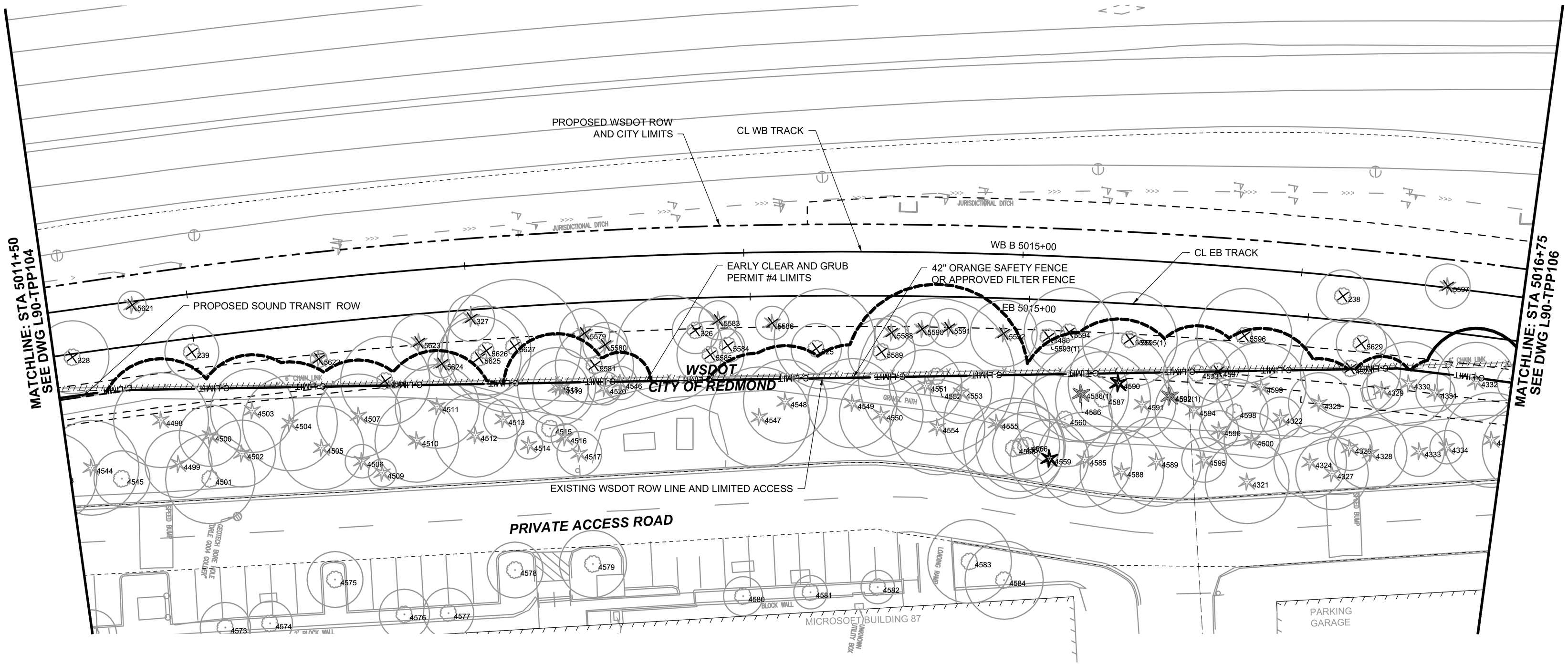
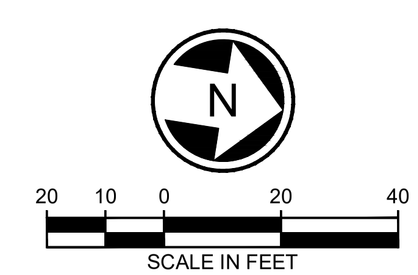
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH				SCALE: 1" = 20'	DESIGN PACKAGE:	DRAWING No.: L90-TPP105
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP105	PERMIT INFORMATION:	FACILITY ID:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		SHEET No.: 53 REV:
APPROVED BY: L. FRENCH		REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5011+50 TO 5016+75

07/28/20 | 11:34 AM | CL071971
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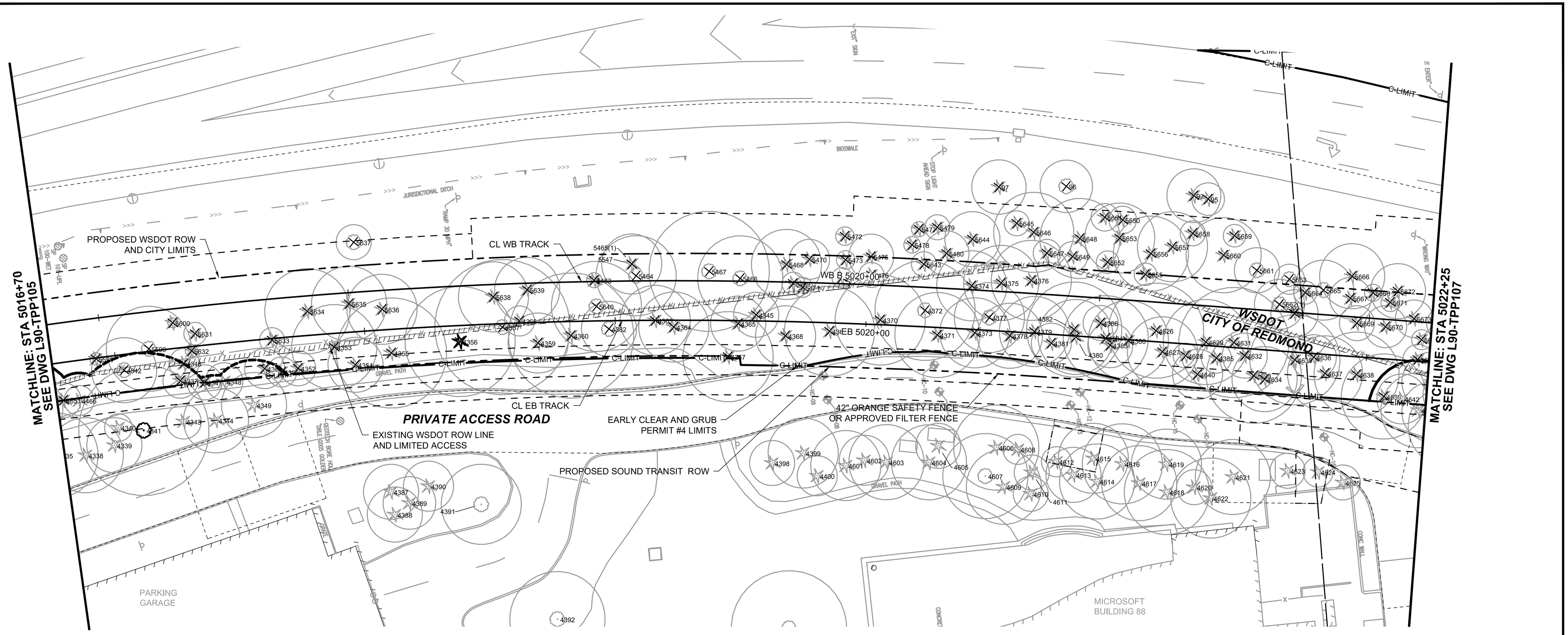
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP106	PERMIT INFORMATION:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18	
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5016+75 TO 5022+25

DRAWING No.: L90-TPP106
FACILITY ID:
SHEET No.: 54
REV:

07/28/20 | 11:35 AM | CL071971
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Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4

N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP107	PERMIT INFORMATION:	CONTRACT R200
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		REDMOND TECH CENTER TO DOWNTOWN REDMOND
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020		DEMOLITION AND REMOVAL SURFACE FEATURES EB STA 5022+25 TO 5027+75

DRAWING No.: L90-TPP107
FACILITY ID:
SHEET No.: 55
REV:

07/28/20 | 11:36 AM | CL071971
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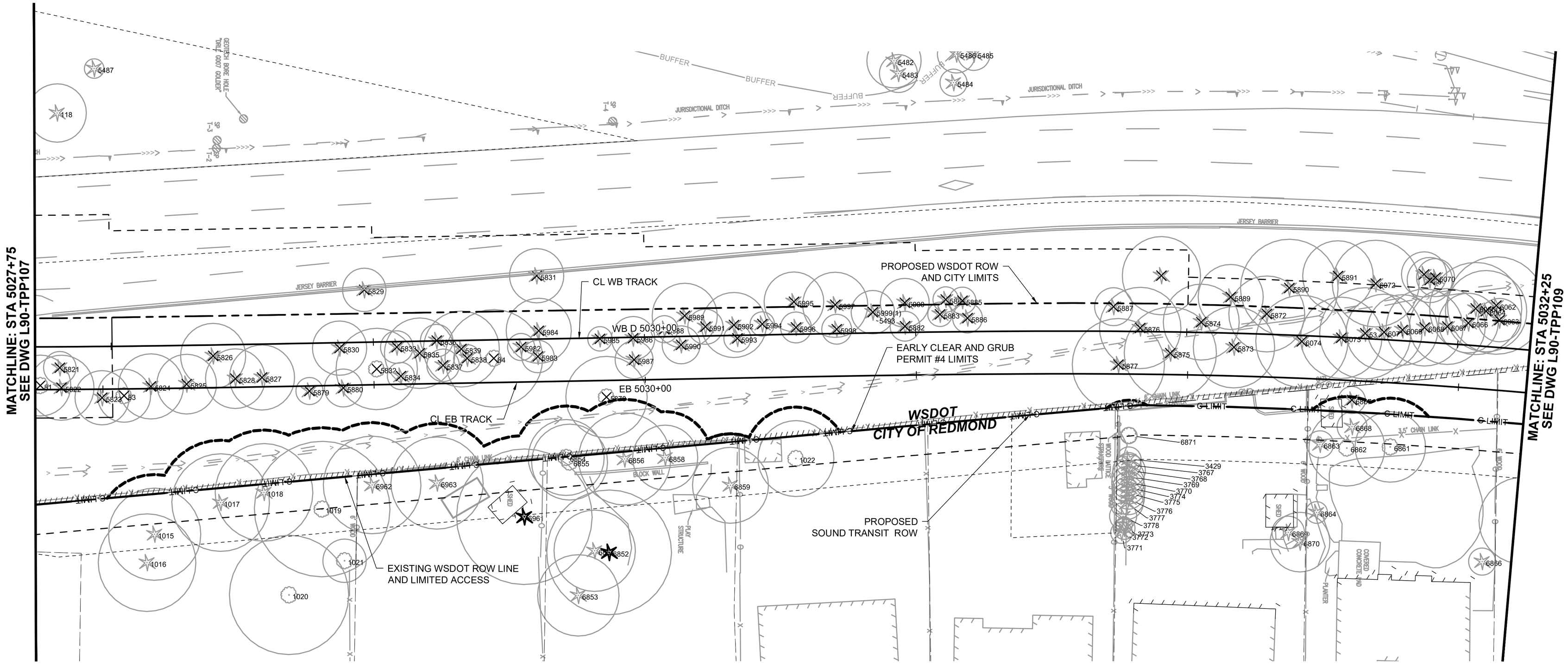
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

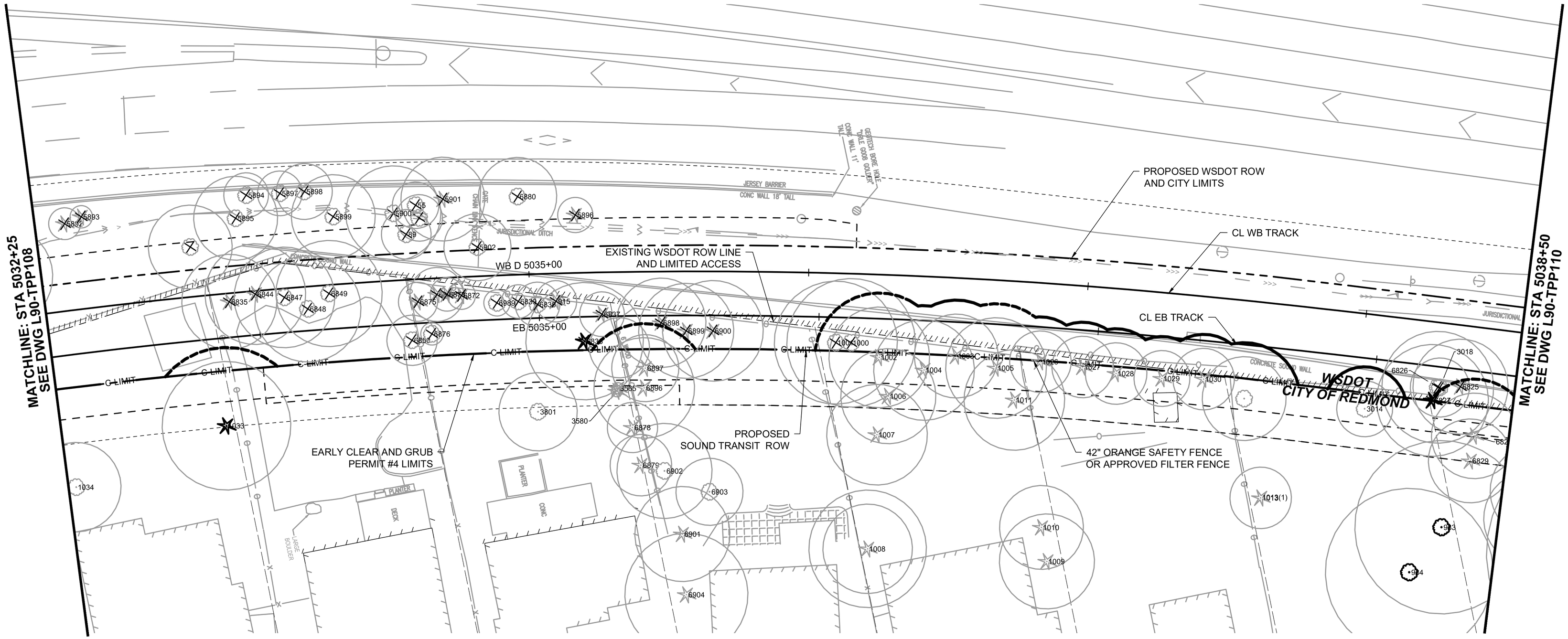
DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP108	PERMIT INFORMATION:	CONTRACT R200
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		REDMOND TECH CENTER TO DOWNTOWN REDMOND
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020		DEMOLITION AND REMOVAL SURFACE FEATURES EB STA 5027+75 TO 5033+25

DRAWING No.: L90-TPP108
FACILITY ID:
SHEET No.: 56
REV:

07/28/20 | 11:37 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP108.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
GB-SEAL-LBF1465
xR200-L90-CG4-LXP101
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP109	PERMIT INFORMATION:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18	
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5033+25 TO 5038+50

DRAWING No.: **L90-TPP109**
FACILITY ID:
SHEET No.: 57
REV:

07/28/20 | 11:38 AM | CL071971
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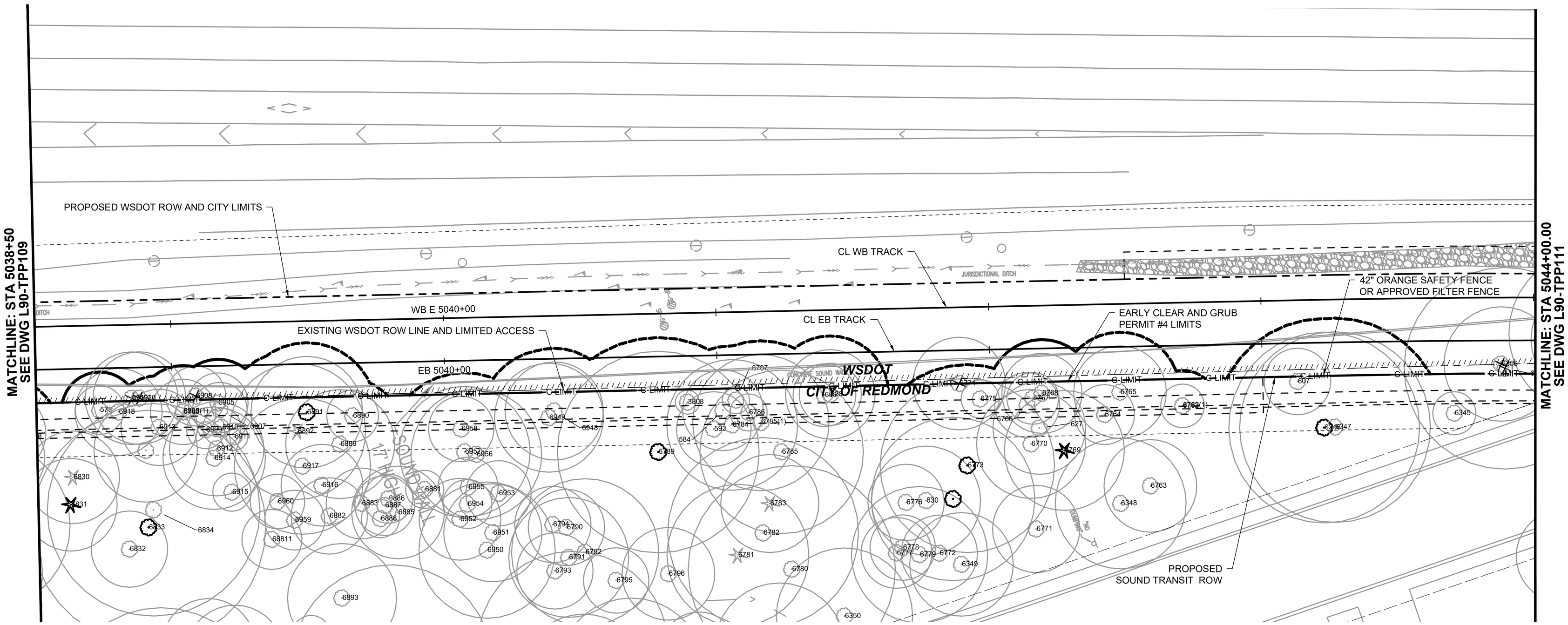
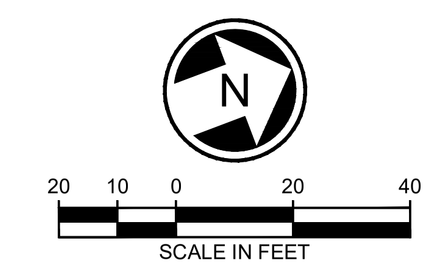
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON — LORCAN BRIAN FRENCH — 1465 — EXP. 12/23/20 — LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP110
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5038+50 TO 5044+00

DRAWING No.: **L90-TPP110**

FACILITY ID:

SHEET No.: 58

REV:

07/28/20 | 11:40 AM | CL071971
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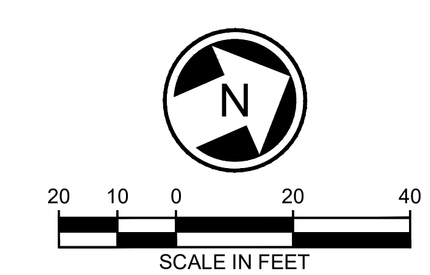
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON — LORCAN BRIAN FRENCH — NO. 1465 EXP. 12/03/20 — LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP111
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5044+00 TO 5049+50

DRAWING No.: **L90-TPP111**

FACILITY ID:

SHEET No.: 59 REV:

07/28/20 | 11:41 AM | CL071971
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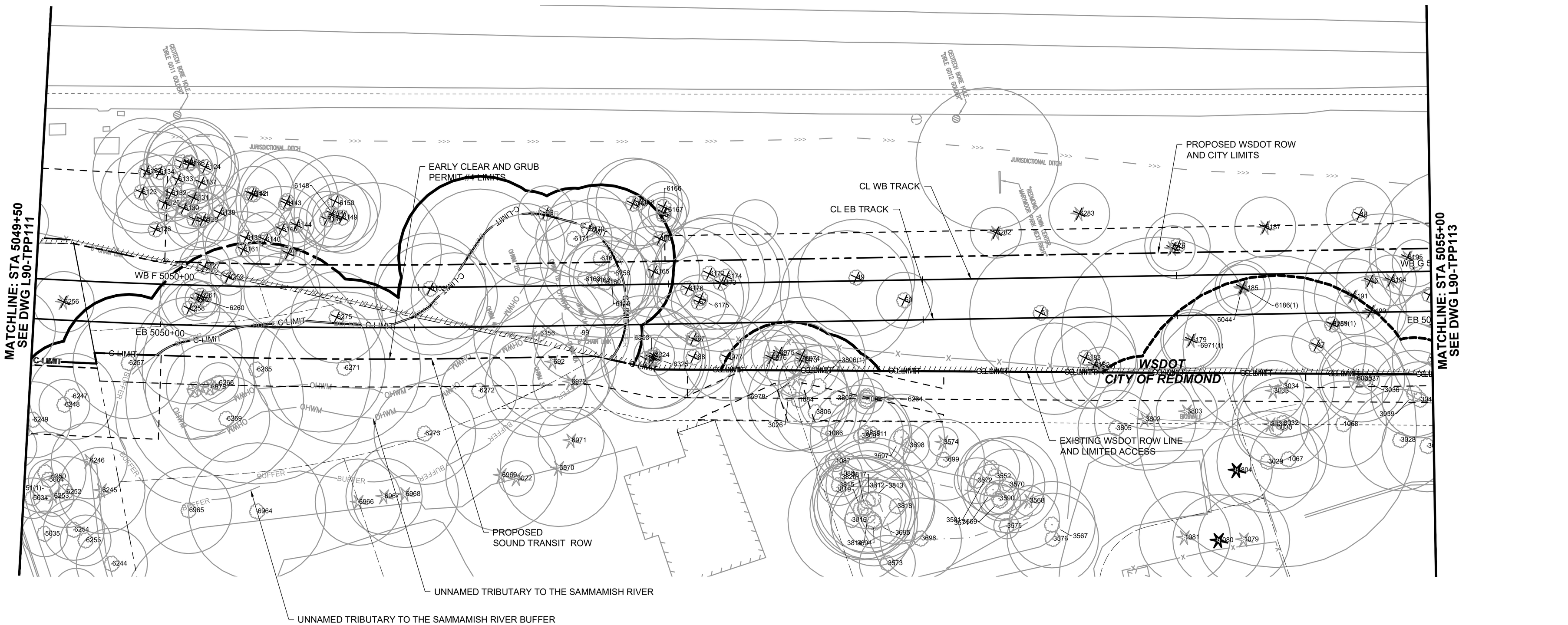
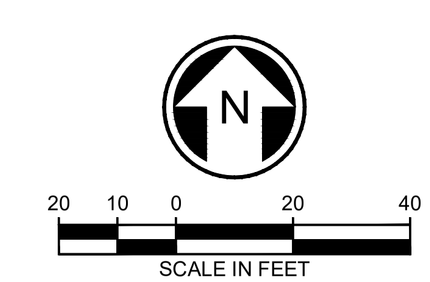
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

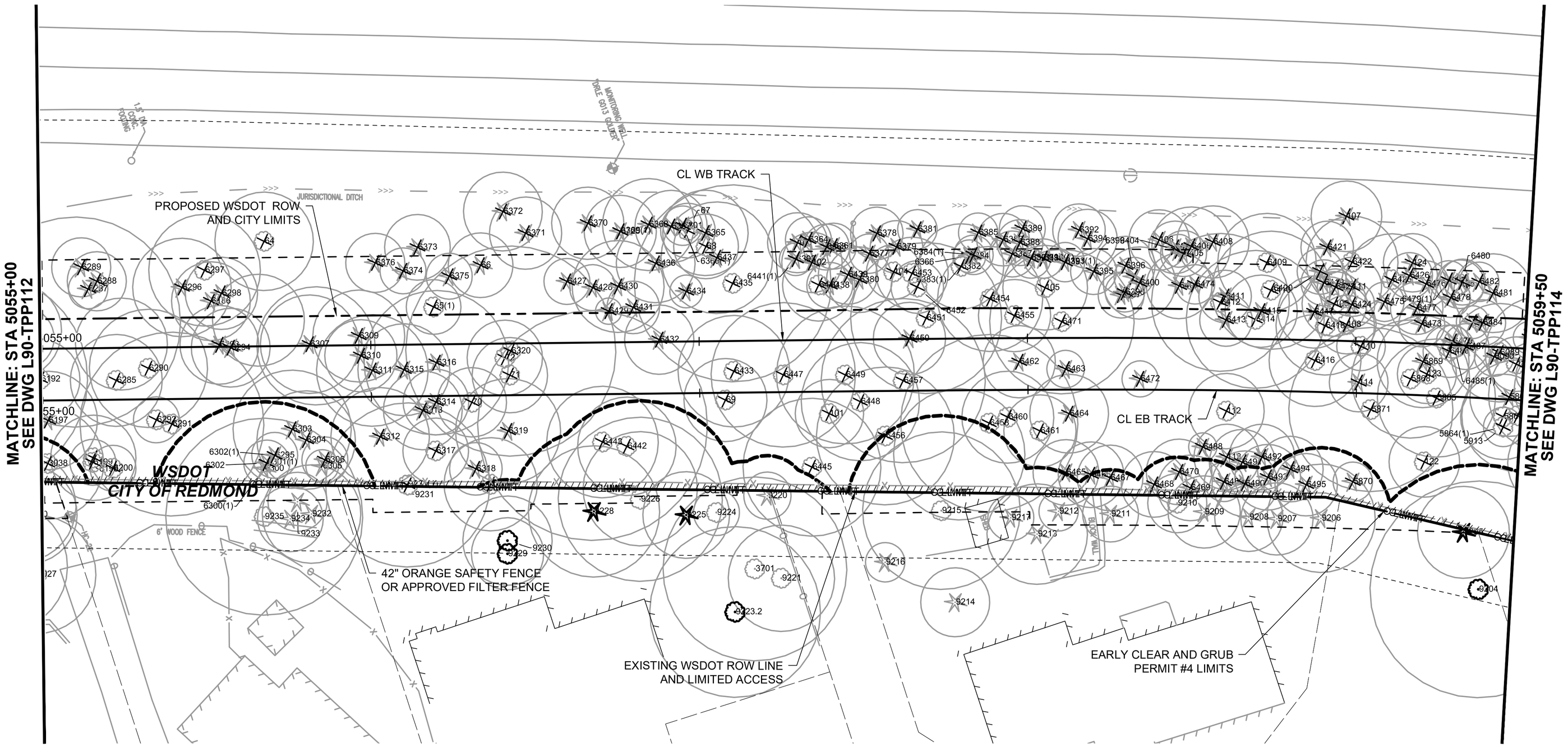
DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP112	PERMIT INFORMATION:	CONTRACT R200
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		REDMOND TECH CENTER TO DOWNTOWN REDMOND
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020		DEMOLITION AND REMOVAL SURFACE FEATURES EB STA 5049+50 TO 5055+00

DRAWING No.: L90-TPP112
FACILITY ID:
SHEET No.: 60
REV:

07/28/20 | 11:42 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP112.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	1" = 20'
FILENAME:	R200-L90-TPP113
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5055+00 TO 5059+50

DRAWING No.: L90-TPP113
FACILITY ID:
SHEET No.: 61
REV:

07/28/20 | 11:43 AM | CL071971
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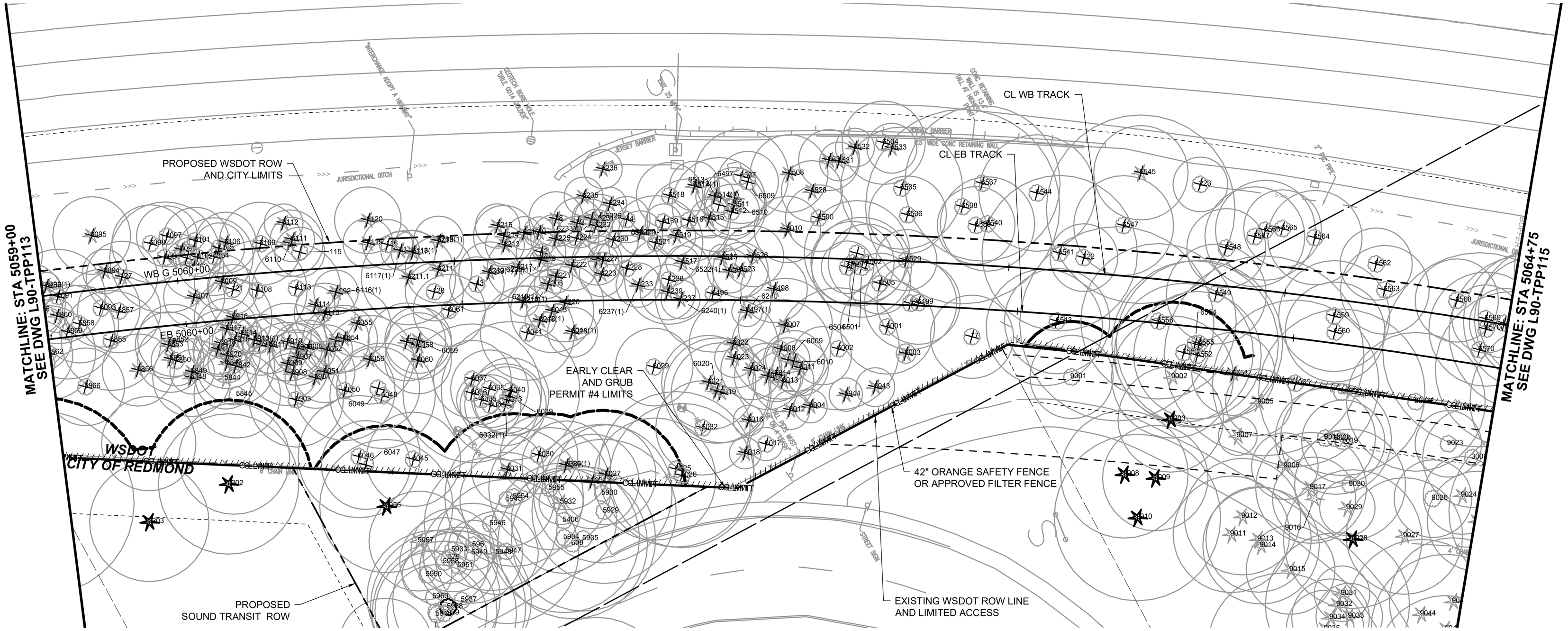
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP114	PERMIT INFORMATION:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18	
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

STATE OF WASHINGTON · JORDAN BRIAN FRENCH · NO. 4465 EXP. 12/31/20 · LICENSED LANDSCAPE ARCHITECT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

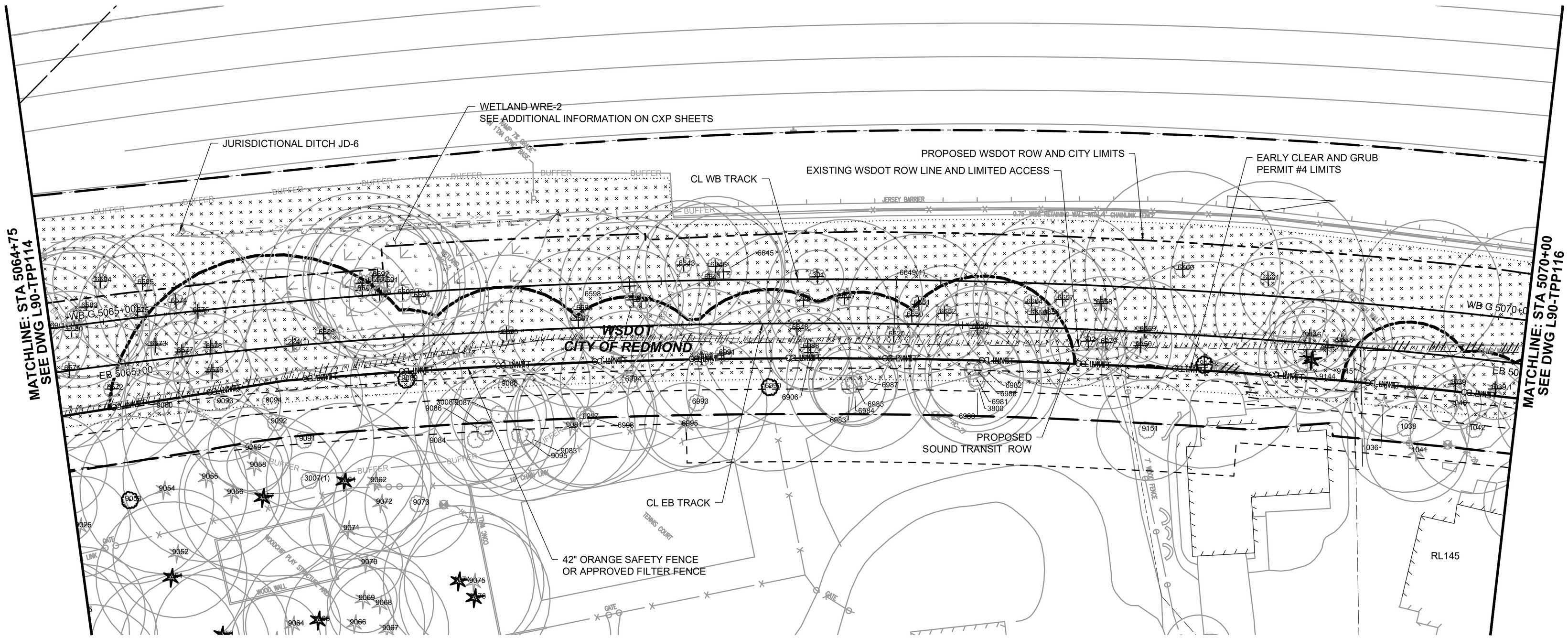
DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5055+00 TO 5059+50

DRAWING No.: L90-TPP114
FACILITY ID:
SHEET No.: 62
REV:

07/28/20 | 11:44 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP114.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-CXP101
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

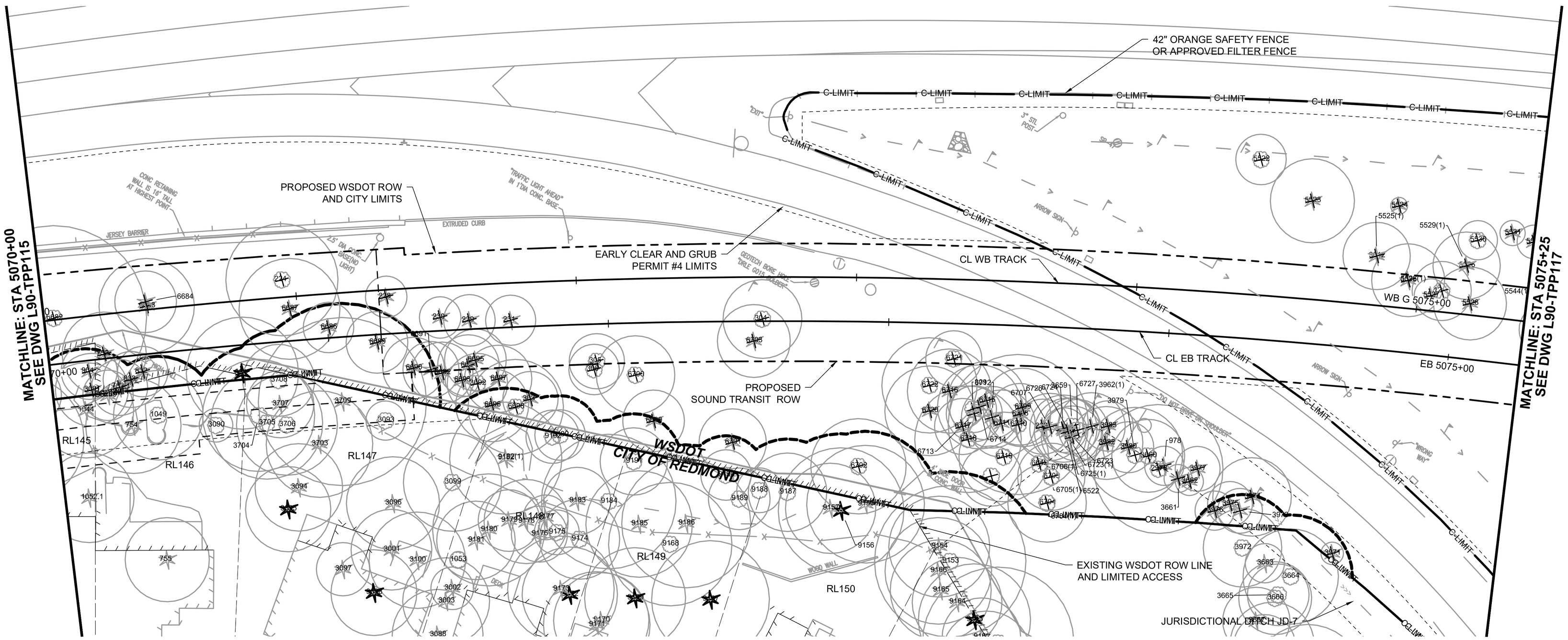
DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:	DOWNTOWN REDMOND LINK EXTENSION
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP115	PERMIT INFORMATION:	CONTRACT R200
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18		REDMOND TECH CENTER TO DOWNTOWN REDMOND
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020		DEMOLITION AND REMOVAL SURFACE FEATURES EB STA 5064+75 TO 5070+00

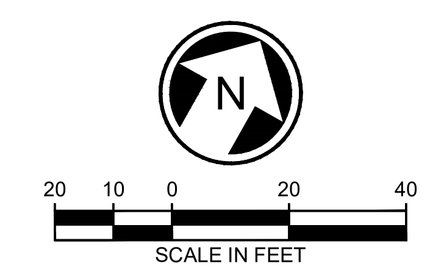
DRAWING No.: L90-TPP115
FACILITY ID:
SHEET No.: 63
REV:

07/28/20 | 11:45 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP115.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON — LORCAN BRIAN FRENCH — No. 1465 EXP. 12/31/20 — LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP116
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5070+00 TO 5075+25

DRAWING No.: **L90-TPP116**

FACILITY ID:

SHEET No.: 64 REV:

07/28/20 | 11:46 AM | CL071971
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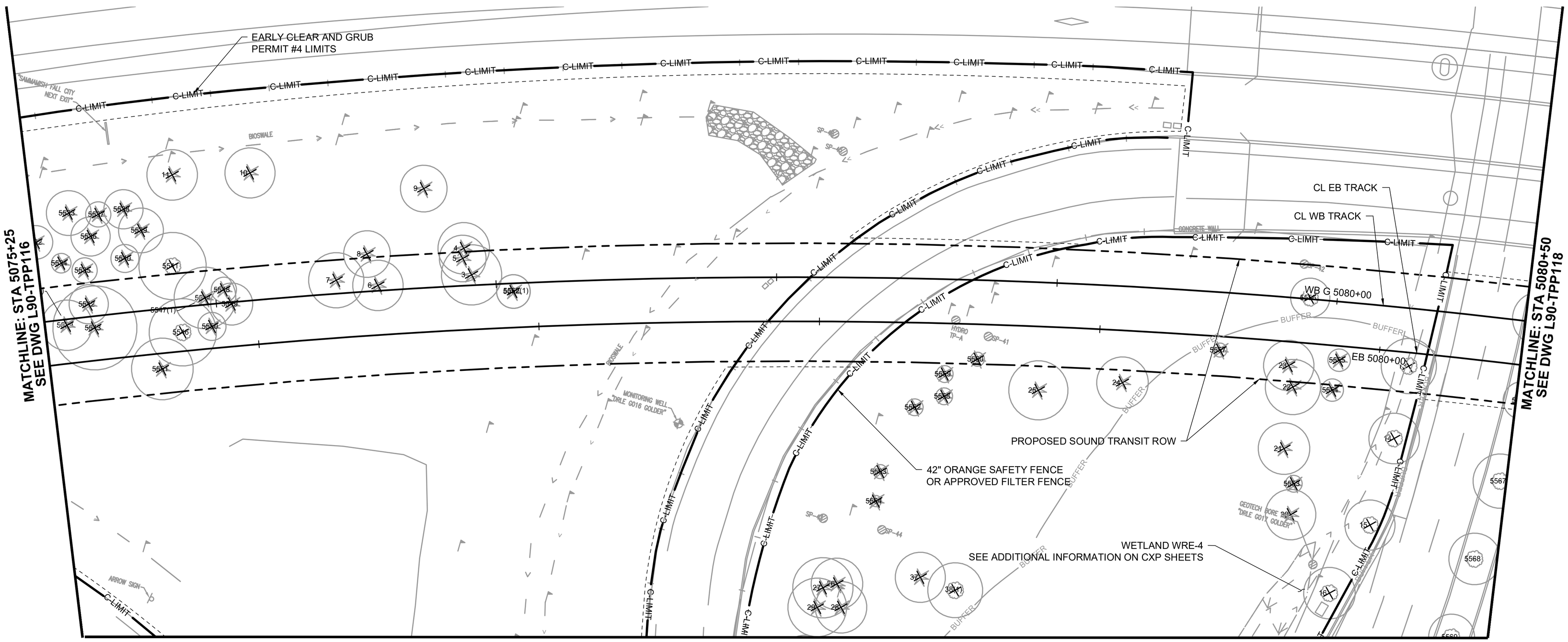
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP117	PERMIT INFORMATION:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18	
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

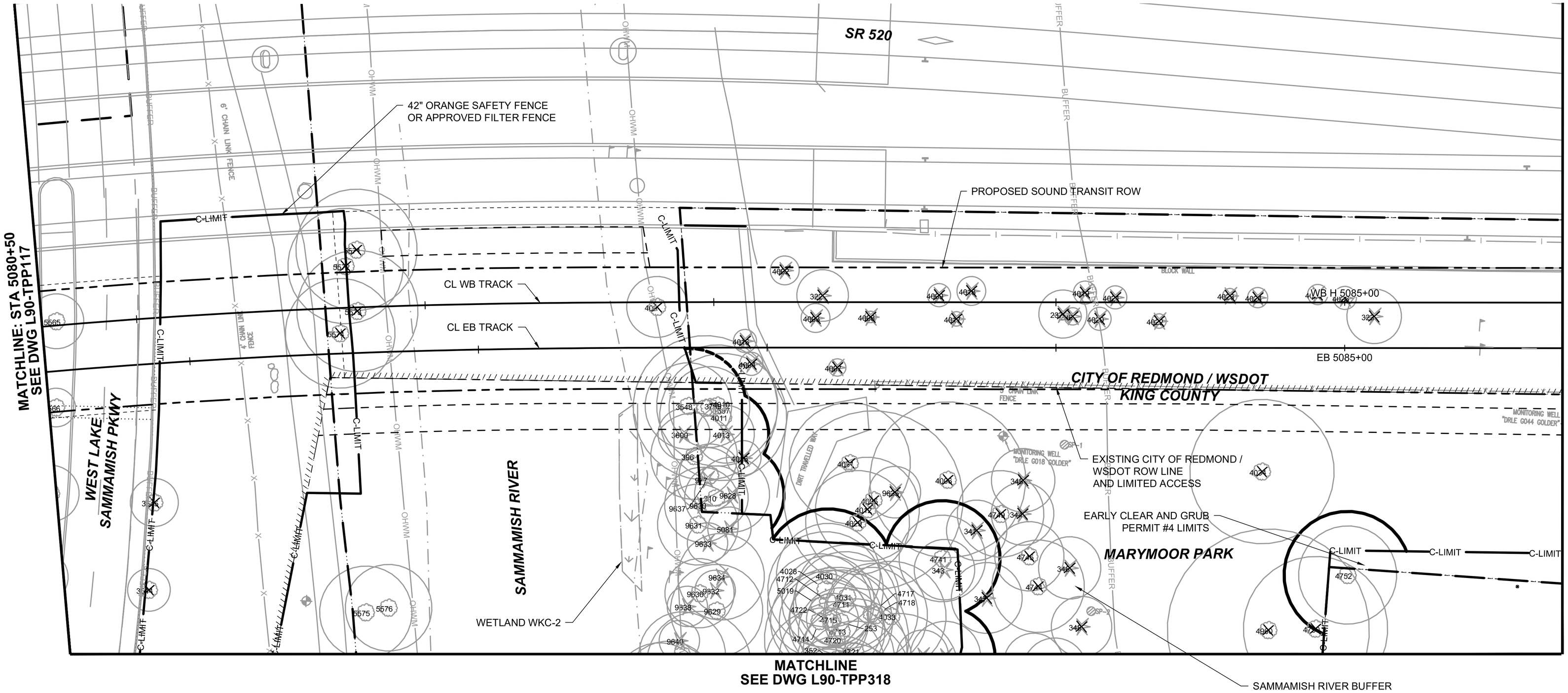
DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5075+25 TO 5080+50

DRAWING No.: L90-TPP117
FACILITY ID:
SHEET No.: 65
REV:

07/28/20 | 11:48 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP117.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xR200-L90h-CXP102
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON · LORCAN BRIAN FRENCH · NO. 1485 EXP. 12/31/20 · LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP118
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5080+50 TO 5085+75

DRAWING No.: **L90-TPP118**

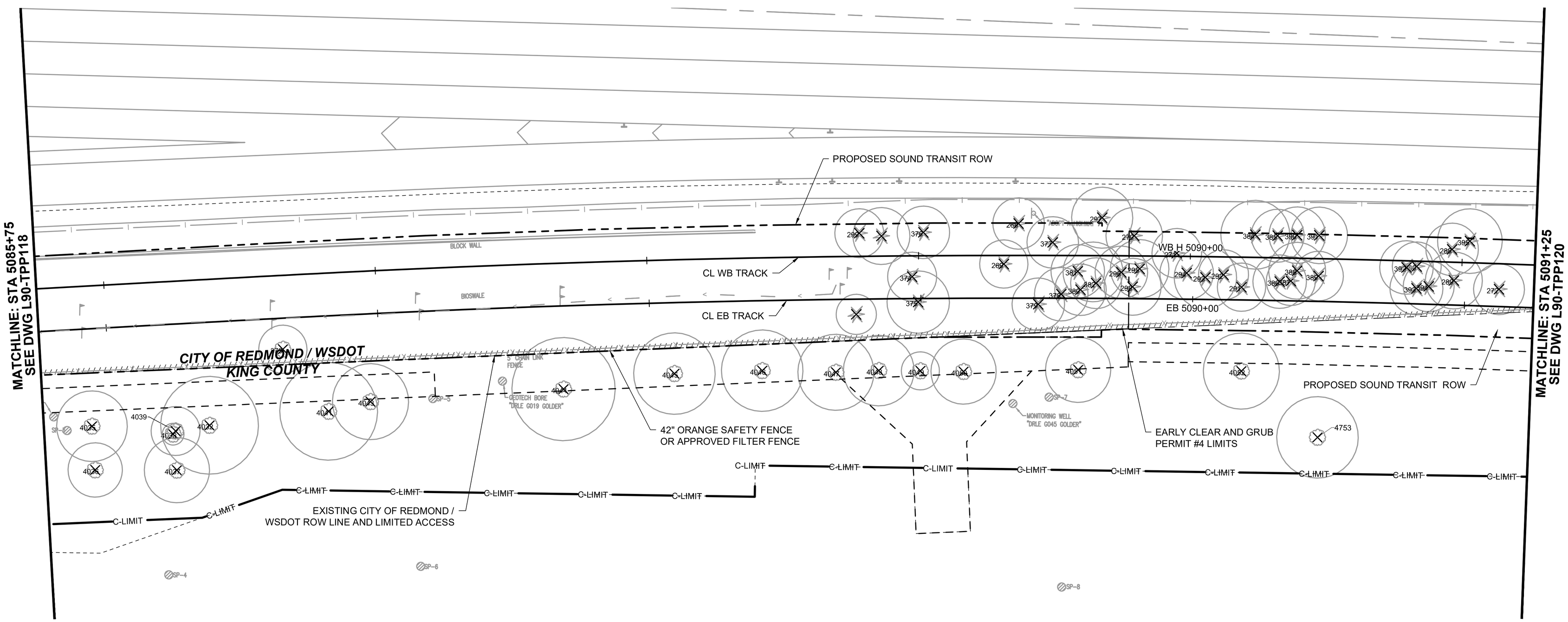
FACILITY ID:

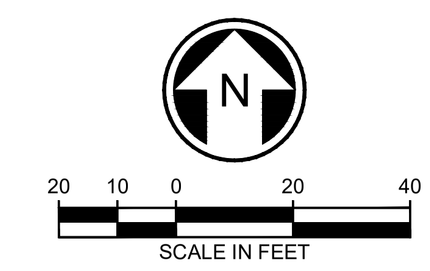
SHEET No.: 66 REV:

07/28/20 | 11:49 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP118.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-GEN-STREETS
xDRLE-L90-VRX
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON LOGAN BRIAN FRENCH 38146 EXP. 12/23/20 LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP119
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

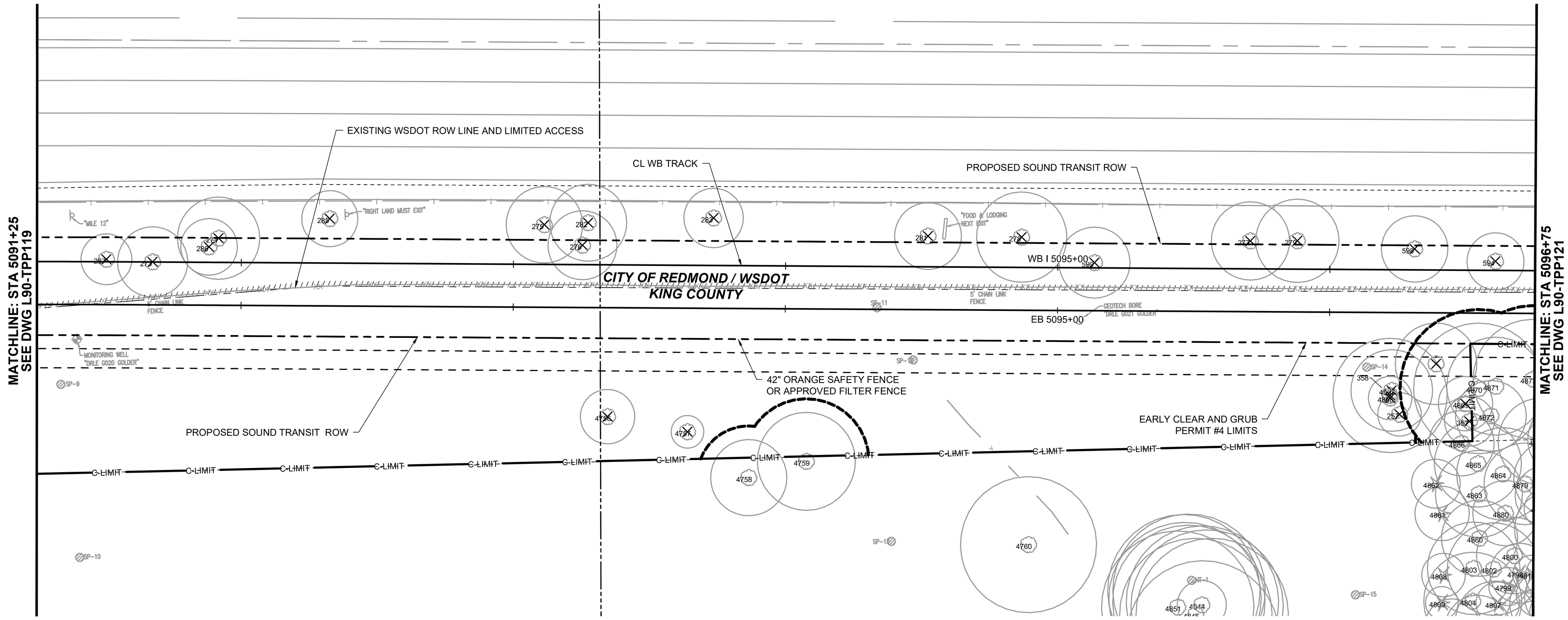
DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5085+75 TO 5091+25

DRAWING No.: **L90-TPP119**
FACILITY ID:
SHEET No.: 67
REV:

07/28/20 | 11:50 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP119.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-GEN-STREETS
xDRLE-L90-VRX
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON · LORCAN BRIAN FRENCH · NO. 1465 EXP. 12/31/20 · LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP120
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5091+25 TO 5096+75

DRAWING No.:	L90-TPP120
FACILITY ID:	
SHEET No.:	68
REV:	

07/28/20 | 11:51 AM | CL071971
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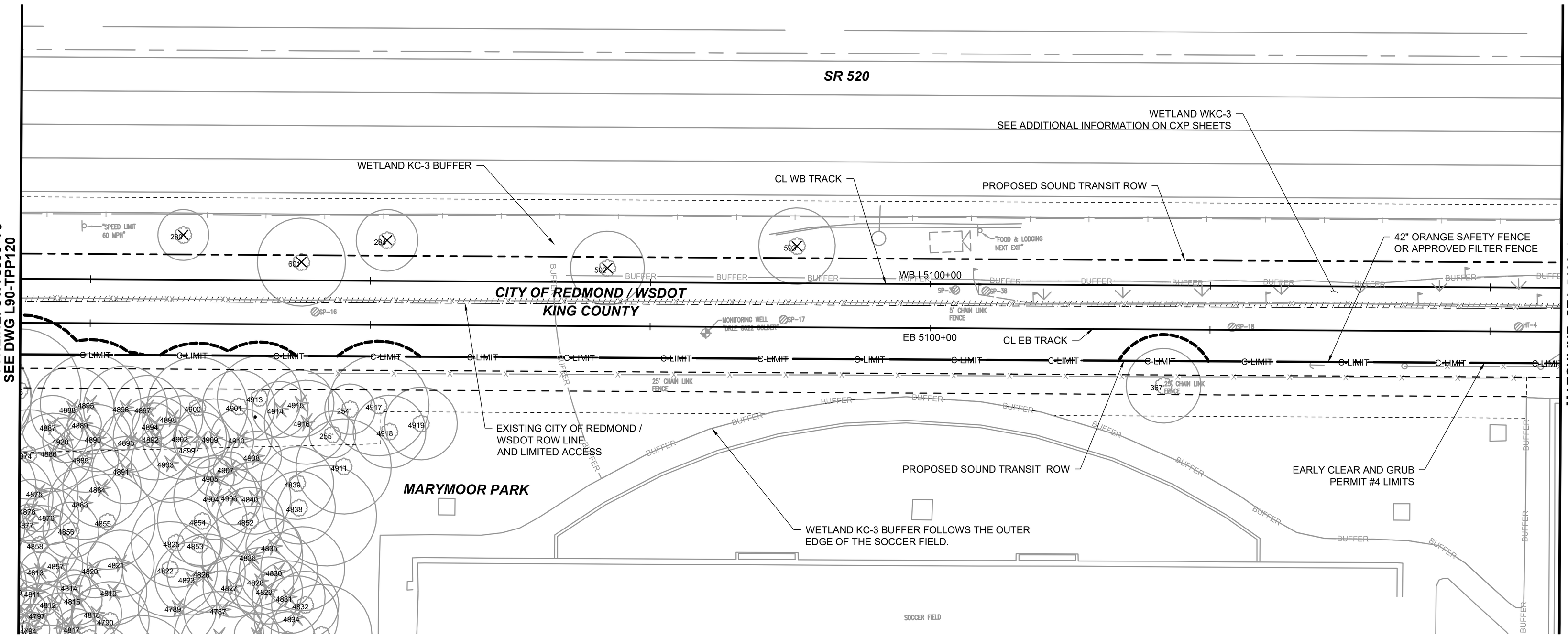
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-GEN-STREETS
xDRLE-L90-VRX
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH			SCALE: 1" = 20'	DESIGN PACKAGE:	DRAWING No.: L90-TPP121
DRAWN BY: R. HOLLAND			FILENAME: R200-L90-TPP121	PERMIT INFORMATION:	FACILITY ID:
CHECKED BY: S. BARTLETT			CONTRACT No.: RTA/CN 0148-18		SHEET No.: 69 REV:
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

STATE OF WASHINGTON · JORDAN BRIAN FRENCH · NO. 4465 EXP. 12/31/20 · LICENSED LANDSCAPE ARCHITECT

Jacobs

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5096+75 TO 5102+25

07/28/20 | 11:52 AM | CL071971
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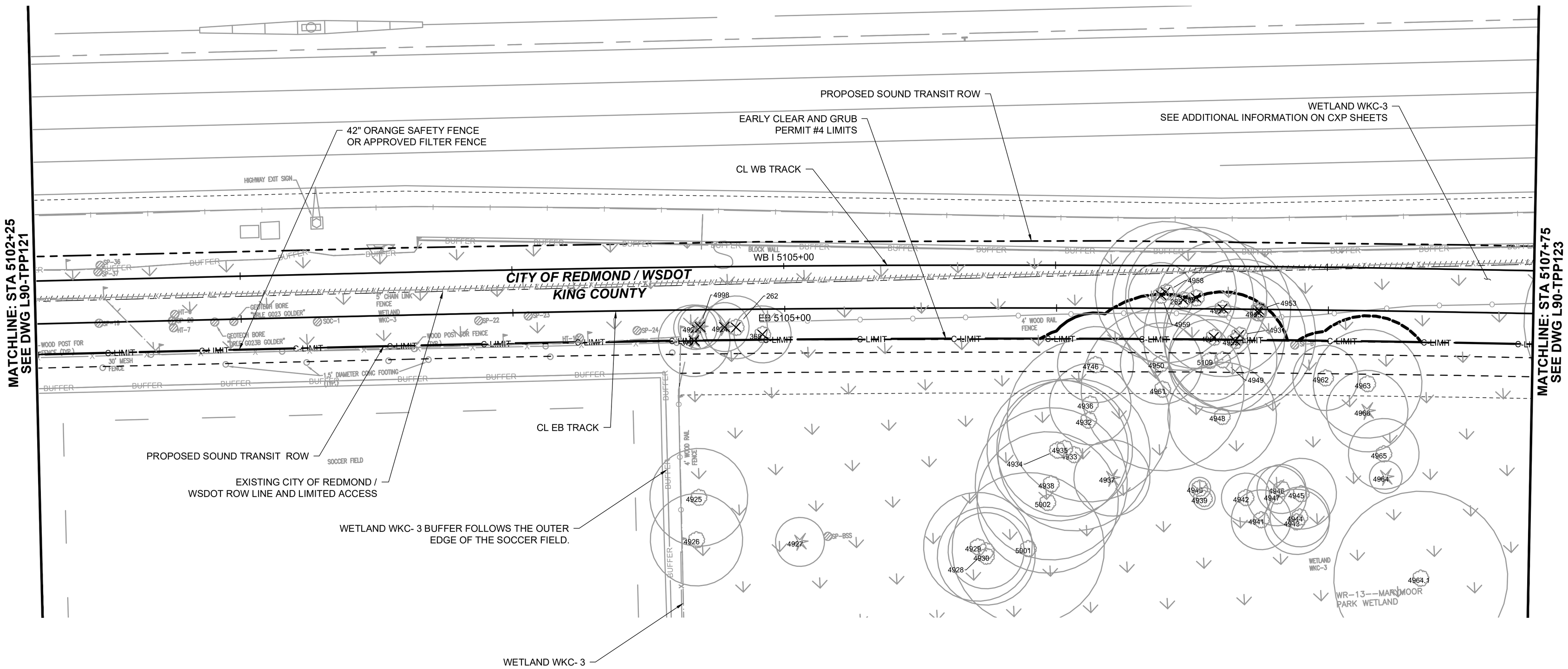
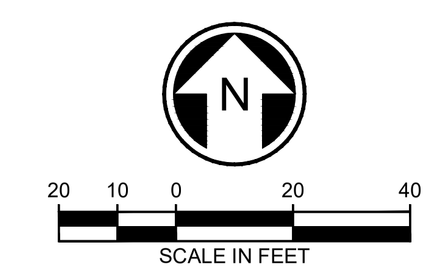
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
SCALE:	1" = 20'
FILENAME:	R200-L90-TPP122
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	
DRAWING No.:	L90-TPP122
FACILITY ID:	
SHEET No.:	70
REV:	

STATE OF WASHINGTON LORCAN BRIAN FRENCH LICENSED LANDSCAPE ARCHITECT NO. 1465 EXP. 12/31/20

Jacobs

SWK Stacy and Witbeck / Kuney

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

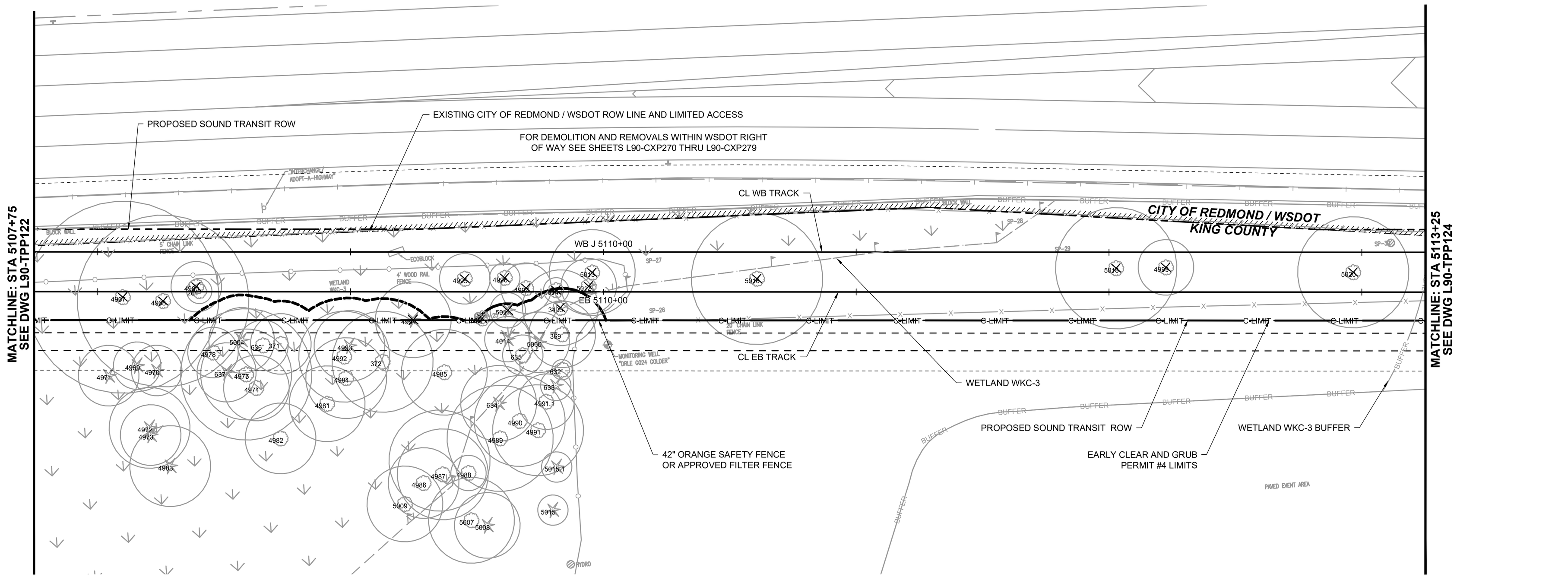
DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5102+25 TO 5107+75

07/28/20 | 11:53 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP122.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON LORCAN BRIAN FRENCH LICENSED LANDSCAPE ARCHITECT NO. 1465 EXP. 12/23/20

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP123
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

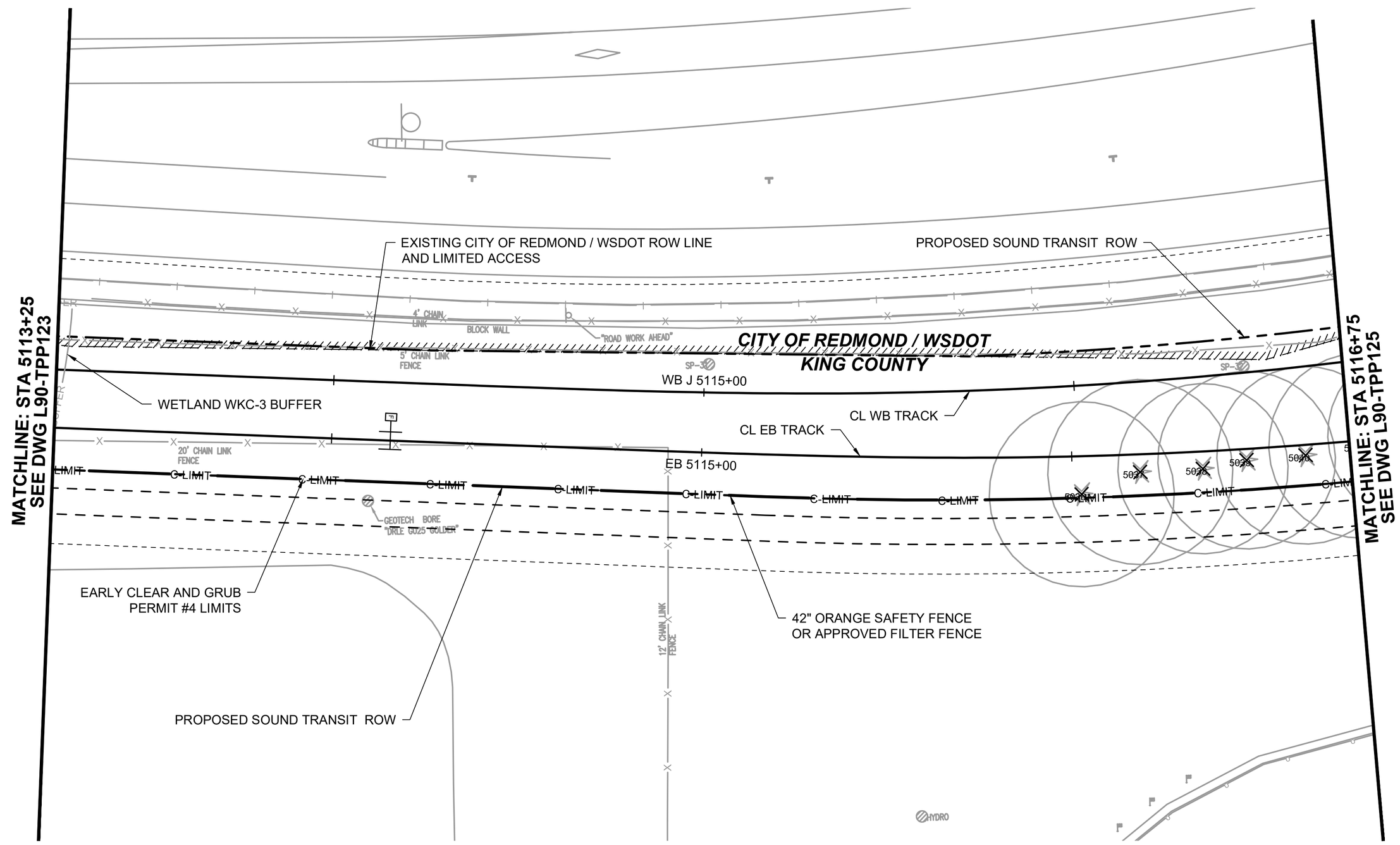
DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5107+75 TO 5113+25

DRAWING No.:	L90-TPP123
FACILITY ID:	
SHEET No.:	71
REV:	

07/28/20 | 11:54 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP123.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON
LORCAN BRIAN FRENCH
No. 1465 EXP. 12/31/20
LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP124
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5113+25 TO 5116+75

DRAWING No.: **L90-TPP124**

FACILITY ID:

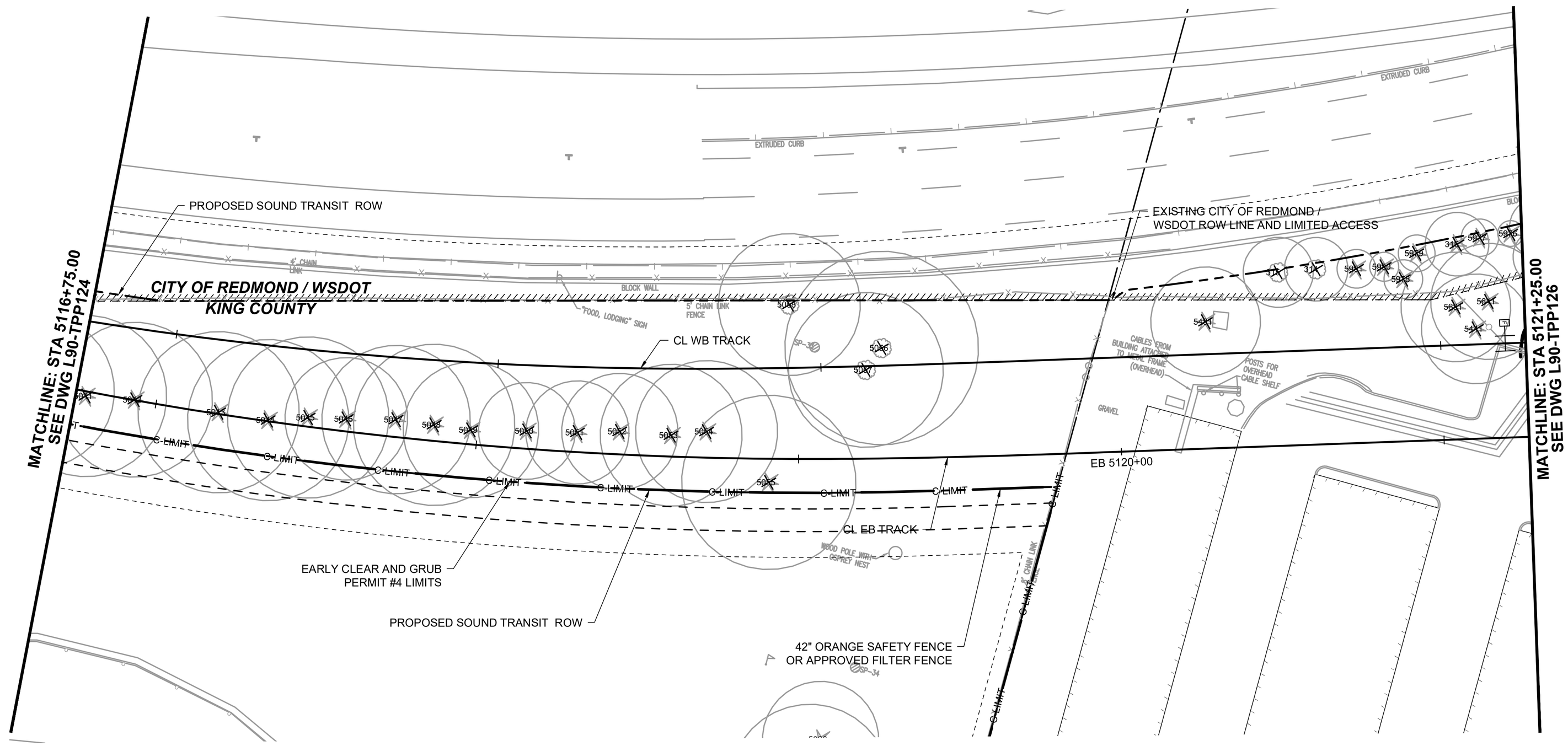
SHEET No.: 72

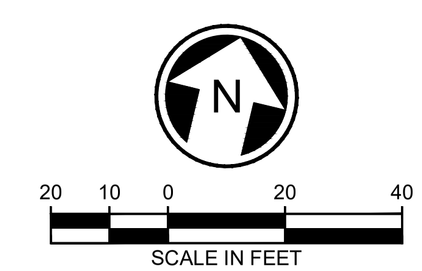
REV:

07/28/20 | 11:56 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP124.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xDRLE-L90-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH
REVIEWED BY:	J. SCHETTLER
SUBMITTED BY:	A. TISCAREÑO
LINE IS 1" AT FULL SCALE	
SCALE:	1" = 20'
FILENAME:	R200-L90-TPP125
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020
DESIGN PACKAGE:	
PERMIT INFORMATION:	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
EB STA 5116+75 TO 5121+25

DRAWING No.: **L90-TPP125**
FACILITY ID:
SHEET No.: 73
REV:

07/28/20 | 11:57 AM | CL071971
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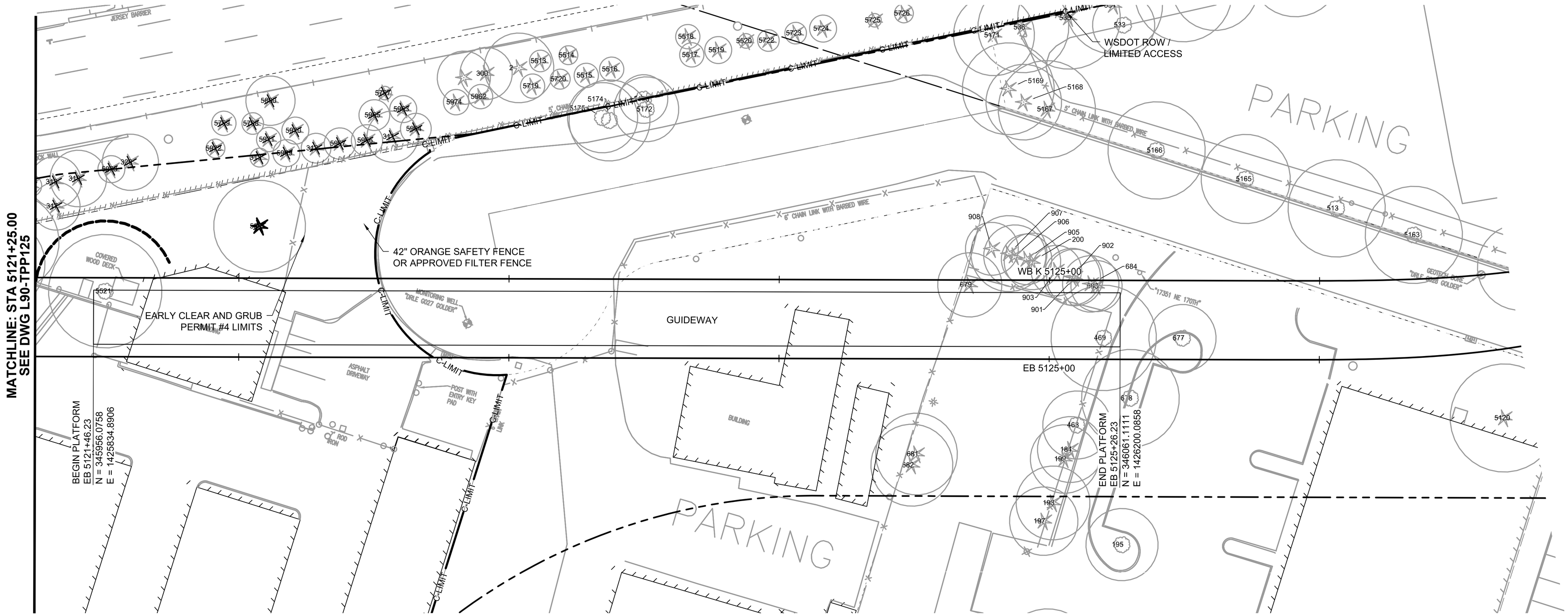
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VRX
xDRLE-GIS-VSF
xDRLE-L90-VSF
xDRLE-GEN-STREETS
xR200-L90a-RHP100
xR200-L90a-RPP100
xR200-L90h-KAP100
xR200-L90h-LMP100
CG4-GEN-SITE-AREA
xR200-L90-CG4-LXP101
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



20 10 0 20 40
SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY: L. FRENCH	Jacobs	SWK Stacy and Witbeck / Kuney	SOUNDTRANSIT	SCALE: 1" = 20'	DESIGN PACKAGE:
DRAWN BY: R. HOLLAND				FILENAME: R200-L90-TPP126	PERMIT INFORMATION:
CHECKED BY: S. BARTLETT				CONTRACT No.: RTA/CN 0148-18	
APPROVED BY: L. FRENCH	REVIEWED BY: J. SCHETTLER	SUBMITTED BY: A. TISCAREÑO	LINE IS 1" AT FULL SCALE	DATE: 07/29/2020	

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

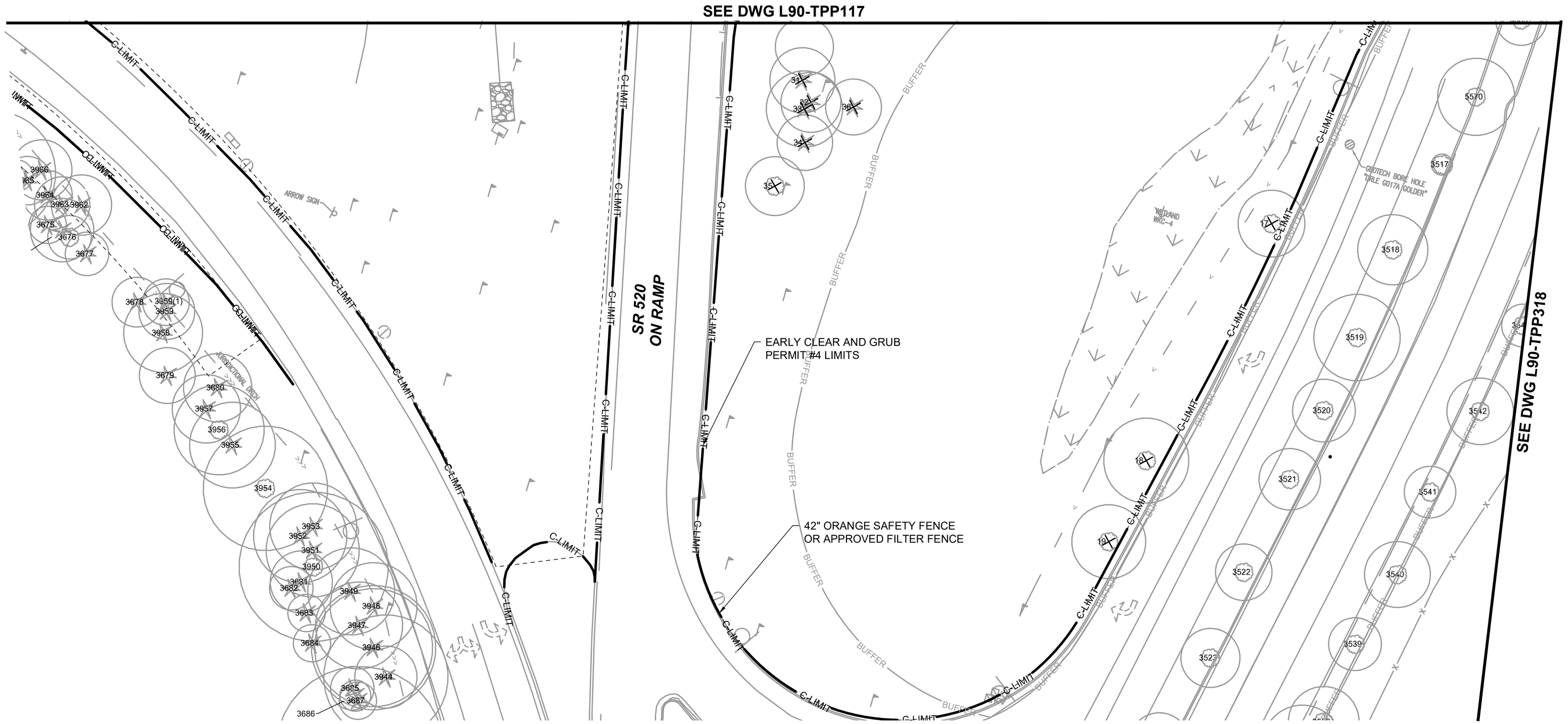
CIVIL - DRAINAGE
DRAINAGE PLAN
EB STA 5121+25 TO 5126+75

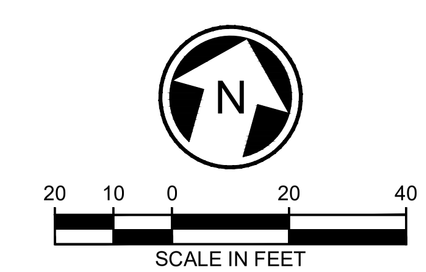
DRAWING No.: **L90-TPP126**
FACILITY ID:
SHEET No.: 74
REV:

07/28/20 | 11:58 AM | CL071971
C:\PWWORKING\JACOBS_B&I\JEG_CL071971\D0235446\R200-L90-TPP126.DWG

Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
xR200-L90-CG4-LXP101
CG4-GEN-SITE-AREA
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4





FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON · LORCAN BRIAN FRENCH · NO. 1465 EXP. 12/31/20 · LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP317
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
SR-520 RAMPS AT WEST LAKE SAMMAMISH PKWY

DRAWING No.: **L90-TPP317**

FACILITY ID:

SHEET No.: 75 REV:

07/28/20 | 11:59 AM | CL071971
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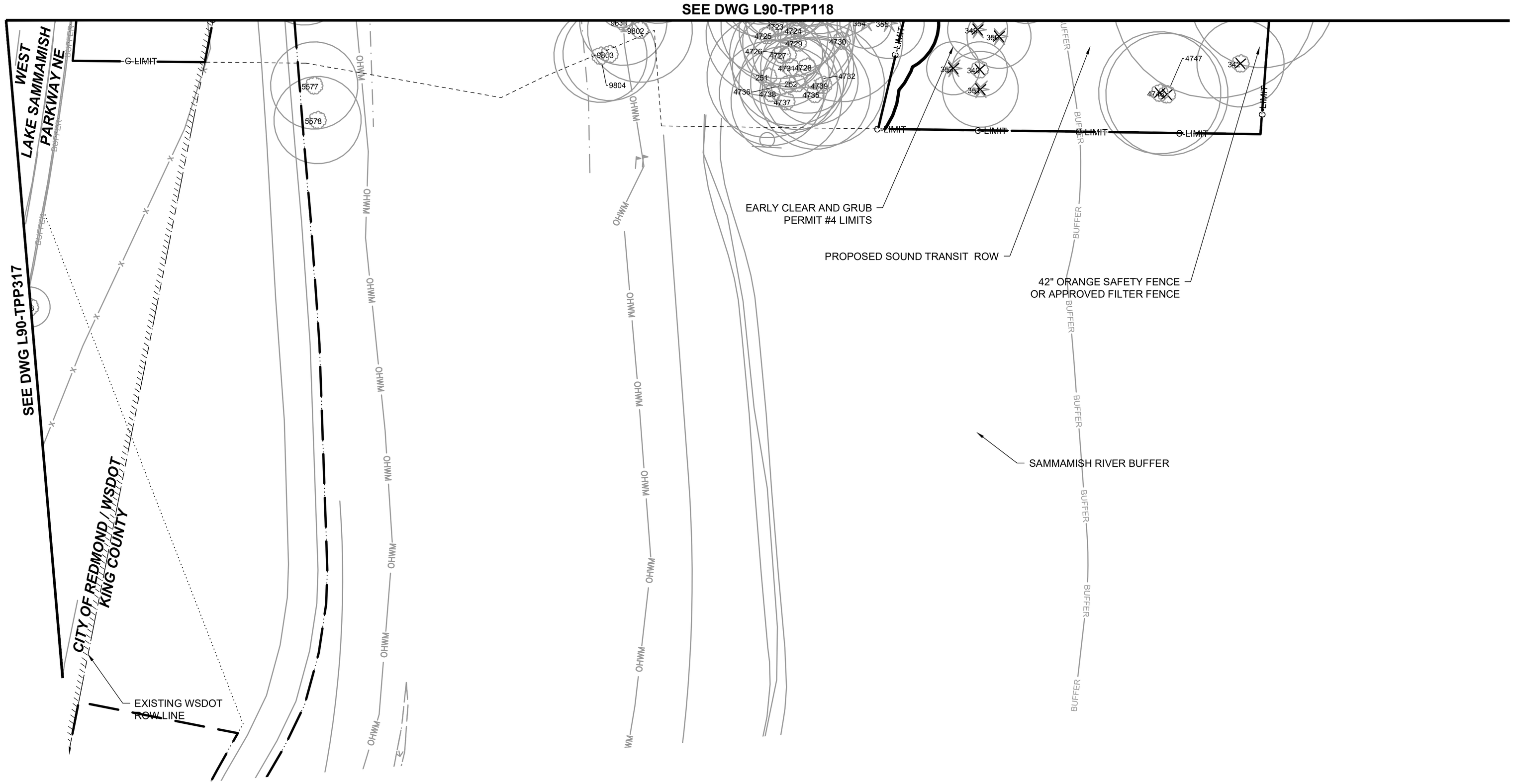
Attachment 4

Xrefs:
xR200-GEN-TB22x34
xDRLE-L90-VSF
xDRLE-L90-VRX
xDRLE-GEN-STREETS
xR200-L90h-CXP102
xDRLE-GIS-VSF
xR200-L90h-KAP100
xR200-L90a-RPP100
xR200-L90a-RHP100
xR200-L90-CG4-LXP101
CG4-GEN-SITE-AREA
GB-SEAL-LBF1465
xR200-L90-LIP100-CG4



N

20 10 0 20 40

SCALE IN FEET

FOR REFERENCE ONLY

DESIGNED BY:	L. FRENCH
DRAWN BY:	R. HOLLAND
CHECKED BY:	S. BARTLETT
APPROVED BY:	L. FRENCH

STATE OF WASHINGTON · LORCAN BRIAN FRENCH · 40146 EXP. 12/23/20 · LICENSED LANDSCAPE ARCHITECT

Jacobs

REVIEWED BY: J. SCHETTLER

SWK Stacy and Witbeck / Kuney

SUBMITTED BY: A. TISCAREÑO

SOUNDTRANSIT

LINE IS 1" AT FULL SCALE

SCALE:	1" = 20'
FILENAME:	R200-L90-TPP318
CONTRACT No.:	RTA/CN 0148-18
DATE:	07/29/2020

DESIGN PACKAGE:

PERMIT INFORMATION:

DOWNTOWN REDMOND LINK EXTENSION
CONTRACT R200
REDMOND TECH CENTER TO DOWNTOWN REDMOND

DEMOLITION AND REMOVAL
SURFACE FEATURES
SR-520 RAMPS AT WEST LAKE SAMMAMISH PKWY

DRAWING No.: **L90-TPP318**

FACILITY ID:

SHEET No.: 76

REV:

07/28/20 | 12:00 PM | CL071971
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