

ABBREVIATIONS

AC	ASPHALT CONCRETE	PI	POINT OF INTERSECTION
BCP	BEGIN CURB RETURN	PL	PROPERTY LINE
BM	BENCH MARK	POB	POINT OF BEGINNING
BVC	BEGIN VERTICAL CURVE	POC	POINT OF CONNECTION
CB	CATCH BASIN	PRC	POINT OF REVERSE CURVATURE
CIP	CAST IRON PIPE	PT	POINT OF TANGENCY
CL	CENTERLINE	PVC	POLY-VINYL CHLORIDE
CMP	CORRUGATED METAL PIPE	R	RADIUS
CO	CLEANOUT	RCP	REINFORCED CONCRETE PIPE
CATV	CABLE TELEVISION	R/W	RIGHT OF WAY
°	DEGREE	RD	ROOF DRAIN
DI	DIAMETER	SS	SANITARY SEWER
EE	ELECTRICAL	SD	STORM SEWER
ECR	END CURB RETURN	STA	STATION
EL	ELEVATION	STA	SEPTIC TANK EFFLUENT
EVC	END VERTICAL CURVE	STEP	STEP
EX	EXISTING	DTL	STANDARD DETAIL
FF	FINISH FLOOR	T	TELEPHONE
FG	FINISH GRADE	TB	THRUST BLOCK
FH	FIRE HYDRANT	TC	TOP OF CURB
FL	FLOWLINE/FLANGE	TC	TOP OF CONCRETE
FM	FORCE MAIN	TG	TOP OF GRATE
G	GAS	TYP.	TYPICAL
GM	GAS METER	UGP	UNDERGROUND POWER
GB	GRADE BREAK	W	WATER
HP	HIGH POINT	WM	WATER MAIN
L	CURVE LENGTH	WV	WATER VALVE
LF	LINEAL FEET	±	APPROXIMATELY
MH	MANHOLE	%	PERCENT
MJ	MECHANICAL JOINT		
PC	POINT OF CURVATURE		

LINETYPES

EXISTING	PROPOSED	
— X" W —	— W —	WATER MAIN
— X" SS —	— — — — —	SANITARY SEWER MAIN
— — — — —	— — — — —	STEP MAIN
— FM —	— — — — —	FORCE MAIN
— X" SD —	— — — — —	STORM MAIN
— RD —	— X —	ROOF DRAIN
— — — — —	— — — — —	SILT FENCING
— — — — —	— — — — —	CLEARING LIMITS
— — — — —	— — — — —	DRAINAGE BASIN BOUNDARY
— — — — —	— — — — —	SWALE/DITCH CENTERLINE
— G —	— G —	GAS LINE
— UGP —	— — — — —	POWER LINE
— — — — —	— — — — —	CONDUIT
— T —	— T —	TELEPHONE LINE
— TV —	— — — — —	CABLE TV LINE
— — — — —	— — — — —	ROADWAY CENTERLINE
— — — — —	— — — — —	RIGHT-OF-WAY LINE
— — — — —	— — — — —	EASEMENT LINE
— — — — —	— — — — —	FRONT/BACK OF CURB
— — — — —	— — — — —	EDGE OF GRAVEL SHOULDER
— — — — —	— — — — —	EDGE OF PAVEMENT
— — — — —	— — — — —	SAWCUT LINE
— — — — —	— — — — —	TOP/TOE OF SLOPE
— — — — —	— — — — —	WETLAND BUFFER
— — — — —	— — — — —	BUILDING ENVELOPE/SETBACK
— GB — GB — GB —	— — — — —	GRADE BREAK
— — — — —	— — — — —	CONTOUR LINE
— — — — —	— — — — —	FENCE

UTILITY CONTACT INFORMATION

ROAD, WATER, SEWER, STORM
 CITY OF CHEHALIS
 CELEST WILDER
 2007 NE KRESKY AVE.
 CHEHALIS, WA 98532
 (360)345-1227

TELEPHONE
 CENTURYLINK
 DIONI CARIAGA
 711 CAPITOL WAY S.
 SUITE 107
 OLYMPIA, WA 98501
 (360)733-5261

POWER SERVICE
 LEWIS COUNTY PUD
 PAT OBERMIRE
 PO BOX 330
 CHEHALIS, WA 98532
 (360)748-9261

CABLE SERVICE
 COMCAST
 MICHAEL MORTENSON
 EMAIL:
 MICHAEL_MORTENSON@CABLE.COMCAST.COM

SYMBOLS

EXISTING	PROPOSED	
○B0	●	BLOWOFF ASSEMBLY
♁	⦿	FIRE HYDRANT
♁	⦿	GATE VALVE
♁	⦿	AIR RELIEF VALVE
♁	⦿	REDUCER
♁	⦿	THRUST BLOCKING
♁	⦿	WATER METER BOX
♁	⦿	WELL
♁	⦿	GUARD POST (BOLLARD)
♁	⦿	DOUBLE CHECK VALVE ASSEMBLY
♁	⦿	CAP/PLUG
♁	⦿	STORM DRAIN CATCH BASIN
♁	⦿	STORM DRAIN MANHOLE
♁	⦿	CLEANOUT
♁	⦿	SOIL TEST PIT
♁	⦿	INFILTRATION TEST PIT
♁	♂	SURFACE FLOW DIRECTION
♁	♂	SLOPE
♁	♂	RIPRAP
♁	♂	HAY BALE
♁	♂	SPOT ELEVATION
♁	♂	SEWER MANHOLE
♁	♂	SEWER CLEANOUT
♁	♂	AIR RELEASE VALVE
♁	♂	THRUST BLOCKING
♁	♂	REDUCER
♁	♂	CAP/PLUG
♁	♂	PIG PORT
♁	♂	STEP METER BOX
♁	♂	GATE VALVE
♁	♂	TERMINUS PIG LAUNCH PORT
♁	♂	JUNCTION BOX
♁	♂	SERVICE DISCONNECT
♁	♂	YARD/PEDESTRIAN LIGHT
♁	♂	STREET LIGHT
♁	♂	TRANSFORMER
♁	♂	POWER VAULT
♁	♂	POWER POLE
♁	♂	POLE ANCHOR
♁	♂	TELEPHONE VAULT
♁	♂	TELEPHONE RISER
♁	♂	GAS VALVE
♁	♂	GAS METER
♁	♂	BUSH/SHRUB
♁	♂	TREE (CONIFER)
♁	♂	TREE (DECIDUOUS)
♁	♂	SIGN

REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS

WHENEVER EXCAVATING ACTIVITIES ON SITE EXPOSE PEAT, SOFT CLAY, QUICKSAND, OR OTHER UNSUITABLE FOUNDATION MATERIAL, SUCH MATERIAL SHALL BE REMOVED TO THE DEPTH DIRECTED BY THE PROJECT ENGINEER AND BACKFILLED WITH SUITABLE FOUNDATION MATERIAL.

UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND HAULED TO A WASTE SITE OBTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH AND PLACE SUITABLE MATERIAL MEETING THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE IBC.

PROJECT SPECIFICATIONS

THE WORK ON THIS PROJECT SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, MOST CURRENT VERSION OF WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) (HEREAFTER "STANDARD SPECIFICATIONS").

ALSO INCORPORATED INTO THESE CONTRACT DOCUMENTS BY REFERENCE ARE:

- A) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), CURRENT EDITION, WITH WSDOT MODIFICATIONS, IF ANY;
- B) CITY DEVELOPMENT GUIDELINES AND PUBLIC WORKS STANDARDS, CURRENT EDITION;
- C) THE INTERNATIONAL BUILDING CODE (IBC), CURRENT EDITION.

CONTRACTOR SHALL OBTAIN COPIES OF THESE PUBLICATIONS AT CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, SUPPLIES, AND INCIDENTALS REQUIRED TO COMPLETE ALL WORK SHOWN ON THESE DRAWINGS AND TO OBTAIN ACCEPTANCE BY THE CITY AND THE PROJECT OWNER.

THE INTENT OF THESE DRAWINGS IS TO PRESCRIBE A COMPLETE WORK. OMISSIONS FROM THE DRAWINGS OF DETAIL OF WORK WHICH ARE NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE OMITTED WORK.

ANY PROPOSED ALTERATIONS BY THE CONTRACTOR AFFECTING THE REQUIREMENTS AND INFORMATION IN THESE DRAWINGS SHALL BE IN WRITING AND WILL REQUIRE APPROVAL OF THE ENGINEER AND INSPECTOR.

CONTRACTOR LIABILITY NOTE

CONTRACTOR AGREES THAT S/HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD RB ENGINEERING HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF RB ENGINEERING.

GRADING NOTE

CUT AND FILL QUANTITIES IF SHOWN ON THIS SHEET ARE ESTIMATED IN PLACE VOLUMES. CONTRACTOR/BIDDERS RESPONSIBILITY TO VERIFY QUANTITIES, ESTIMATE AND APPLY SHRINK/SWELL FACTORS.

TOPOGRAPHIC NOTE

TOPOGRAPHIC INFORMATION DEPICTED HEREON WAS PROVIDED BY FORESIGHT SURVEYING. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY RB ENGINEERING.

GENERAL EROSION CONTROL NOTES

EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. NO SILTATION OF EXISTING OR PROPOSED DRAINAGE FACILITIES SHALL BE ALLOWED. CARE SHALL BE TAKEN TO PREVENT MIGRATION OF SILTS TO OFF-SITE PROPERTIES. ALL DISTURBED EARTH CAUSED BY CONTRACTOR'S ACTIVITIES SHALL BE HYDROSEEDED.

STABILIZATION OF ALL EXPOSED AREAS WILL BE REQUIRED WITHIN 48 HOURS AFTER REACHING FINISHED GRADE.

AREAS OVER 5000 SQUARE FEET TO BE PAVED MUST BE PROVIDED WITH A CRUSHED ROCK SUBBASE OR OTHER APPROVED ARMORING WITHIN A MINIMUM OF SEVEN (7) DAYS AFTER REACHING GRADE.

HYDROSEED OR PROVIDE PLASTIC COVERING OVER ALL EXPOSED AREAS IMMEDIATELY AFTER CONSTRUCTION.

GENERAL NOTES

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY OWNERS. DRIVEWAYS AND UTILITY SERVICES TO REMAIN ACCESSIBLE AT ALL TIMES.

ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL "PRE-CONSTRUCTION" STATE OR BETTER.

WORK IN CITY RIGHT-OF-WAY

CONTRACTOR TO OBTAIN RIGHT OF WAY PERMIT PRIOR TO ANY WORK WITHIN CITY RIGHT OF WAY. ALL WORK WITHIN CITY RIGHT OF WAY SHALL ADHERE TO CITY STANDARDS AS OUTLINED IN THE RIGHT OF WAY PERMIT.

PROJECT INFORMATION

APPLICANT: CITY OF CHEHALIS
 ATTN: TRENT LOUGHEED
 1321 S. MARKET BLVD.
 CHEHALIS, WA 98532
 (360)345-2229

SITE ADDRESS: N.W. PACIFIC AVE.
 CHEHALIS, WA 98532

FIRE DISTRICT: CHEHALIS FIRE DISTRICT

POLICE DEPARTMENT: GLEN SCHAFFER
 (360)748-8605

SURVEY INFORMATION

PROJECT SURVEYOR
 FORESIGHT SURVEYING
 KEN FRAZIER
 1583 N. NATIONAL AVE
 CHEHALIS, WA 98532
 (360)784-4000

VERTICAL DATUM
 NAVD '88

BASIS OF BEARING
 BASED ON WASHINGTON STATE PLANE COORDINATE SYSTEM
 83/07

CONTRACTOR RECORD DRAWINGS

RB ENGINEERING IS REQUIRED BY THE CITY TO PROVIDE RECORD DRAWING CERTIFICATION PRIOR TO FINAL CITY ACCEPTANCE. RB ENGINEERING WILL NOT CERTIFY RECORD DRAWINGS UNLESS WE HAVE INSPECTED ACTUAL INSTALLATION OF THE PAVING, WATER, SEWER, AND STORM FACILITIES PRIOR TO BACKFILLING ALONG WITH MECHANICAL AND ELECTRIC EQUIPMENT MANUALS.

CONTRACTOR SHALL MAINTAIN ONE SET OF THE CONTRACT DRAWINGS THAT SHALL INCLUDE, CLEARLY AND LEGIBLY MARKED, ANY ALTERATIONS OR LOCATIONS OF UNDERGROUND UTILITIES ENCOUNTERED DURING PROGRESS OF THIS PROJECT, AND ANY ALTERATIONS MADE TO THE IMPROVEMENTS BEING INSTALLED. SAID DRAWINGS SHALL BE MARKED "RECORD DRAWING" AND SHALL BE SUBMITTED TO THE ENGINEER UPON PROJECT COMPLETION.

UTILITIES LOCATE NOTE

THE LOCATION OF EXISTING UTILITIES SHOWN HEREON IS BASED ON INFORMATION OBTAINED FROM THE FIELD AND FROM RECORDS. RB ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXACT LOCATION OF EXISTING UTILITIES SHOWN OR NOT SHOWN HEREON. CONTRACTOR IS ADVISED TO VERIFY THE EXACT SIZE, DEPTH, AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL FOR UNDERGROUND LOCATE AT 811 PRIOR TO START OF CONSTRUCTION.

GEOTECHNICAL NOTE

A GEOTECHNICAL REPORT WAS PREPARED FOR THIS PROJECT BY M.T.C. TESTING & INSPECTION. ALL RETAINING WALL CONSTRUCTION, EARTHWORK, SUB-GRADE PREPARATION, AND PAVING ACTIVITIES SHALL COMPLY WITH THESE PLANS, PROJECT GEOTECH REPORT, THE STANDARD SPECIFICATIONS AND THE IBC.

DEWATERING

FOUNDATIONS, UTILITY TRENCHES, AND ALL OTHER PARTS OF THE CONSTRUCTION SITE SHALL BE DEWATERED AND KEPT FREE OF STANDING WATER AND MUDDY CONDITIONS AS NECESSARY FOR THE PROPER EXECUTION OF THE WORK. THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE, AND MAINTAIN ALL DRAINS, SUMPS, PUMPS, AND ALL OTHER EQUIPMENT REQUIRED TO PROPERLY DEWATER THE SITE AS SPECIFIED. DEWATERING SYSTEMS THAT CAUSE A LOSS OF SOIL FINES FROM FOUNDATION AREAS WILL NOT BE PERMITTED.

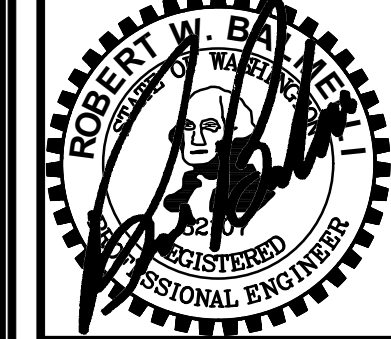
APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ PW# _____

NO.	DATE	REVISION

DESIGNED BY: RBW
 DRAWN BY: CES
 CHECKED BY: RBW
 DATE: 1/28/2021
 SCALE: _____

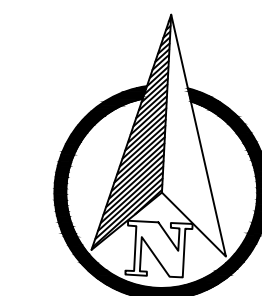
NW PACIFIC AVE
 RECONSTRUCTION
 WA.
 CHEHALIS

PROJECT DATA AND NOTES

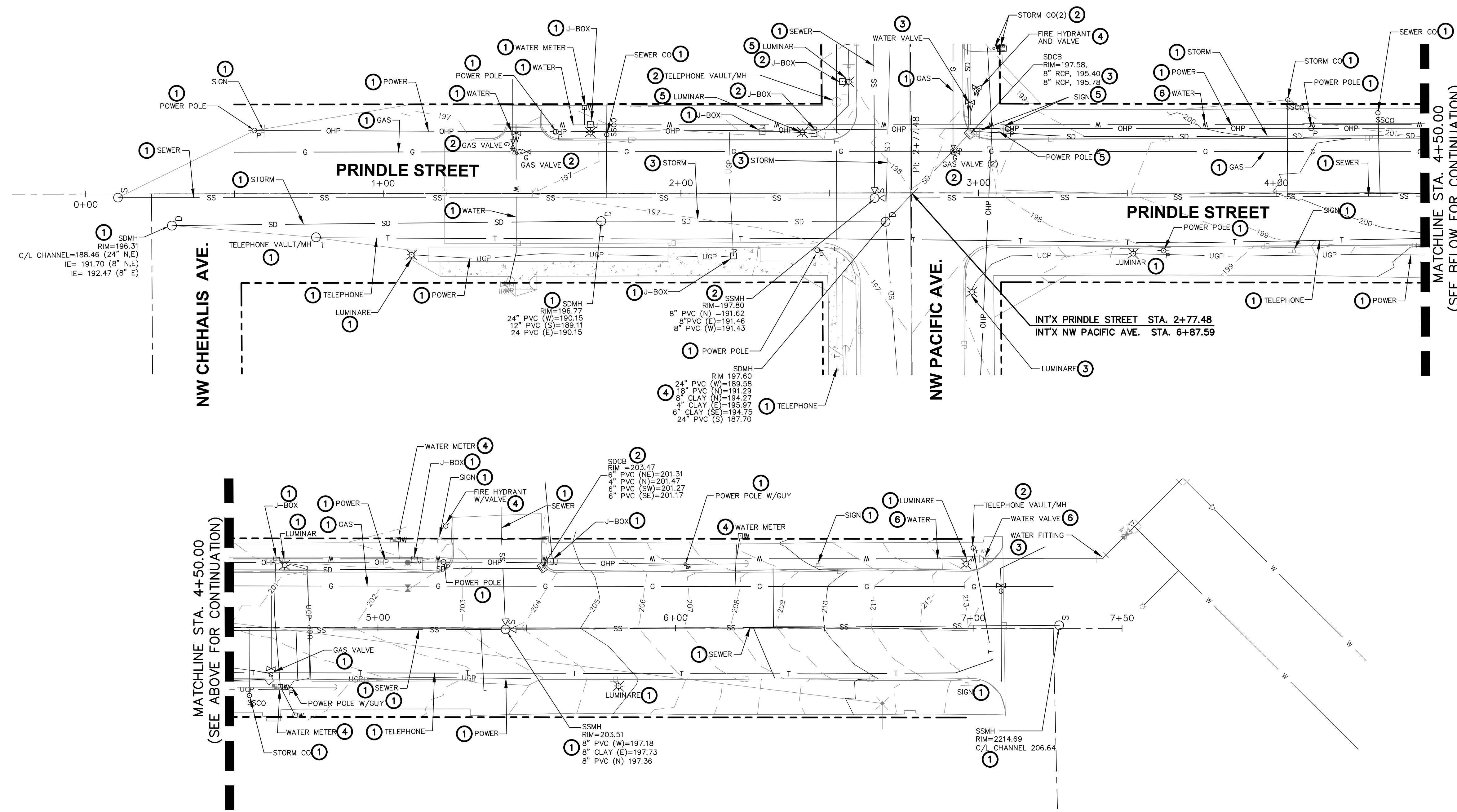


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 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8919
 EMAIL: CdnPro@RBEngineers.com

811 Know what's below. Call 811 before you dig.
 JOB NUMBER
 18073
 DRAWING NAME
 18073_CO.2_QNTY
C0.2
 2 OF 26



SCALE: 1"=20 FEET
0 10 20 40



- ① TO REMAIN
- ② TO REMAIN ADJUST RIM TO FINAL GRADE
- ③ TO BE REMOVED
- ④ TO BE REPLACED
- ⑤ TO BE REMOVED AND RE-INSTALLED
- ⑥ TO BE ABANDONED IN PLACE

APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ PW# _____

NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 20'

NW PACIFIC AVE
 RECONSTRUCTION
 CHEHALIS WA.

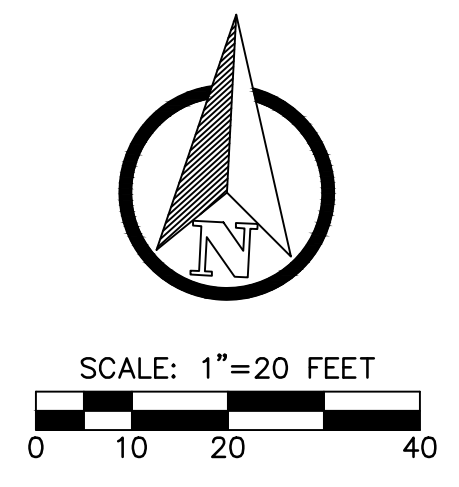
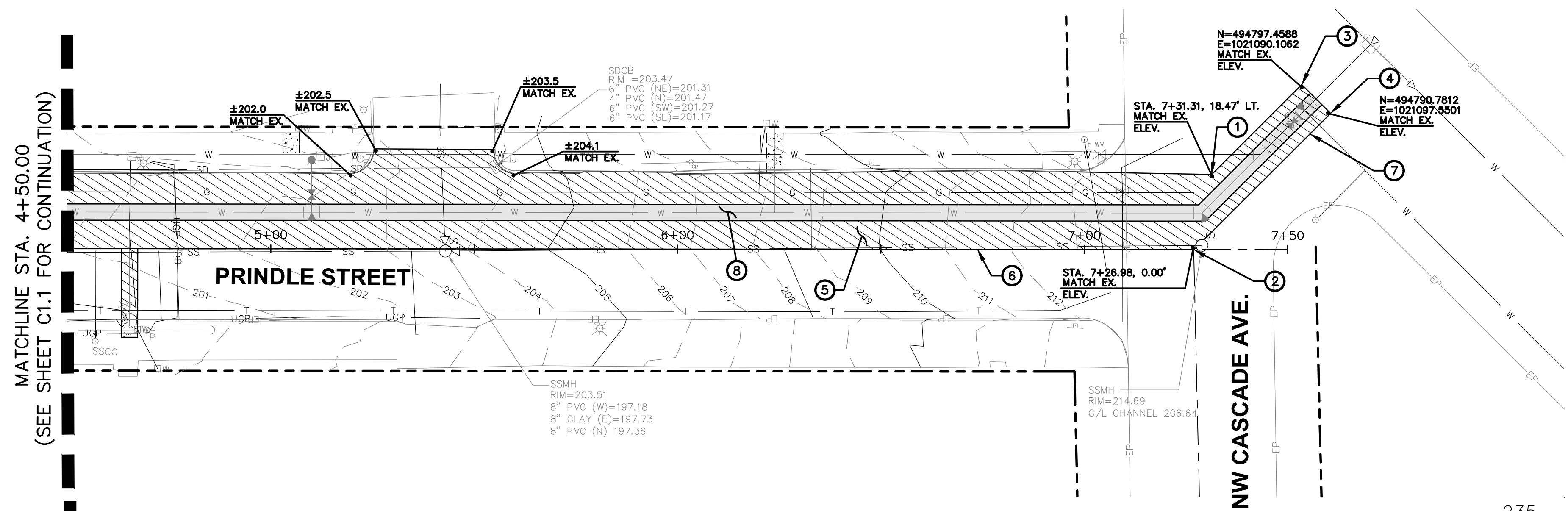
NW PRINDLE
 DEMOLITION PLAN



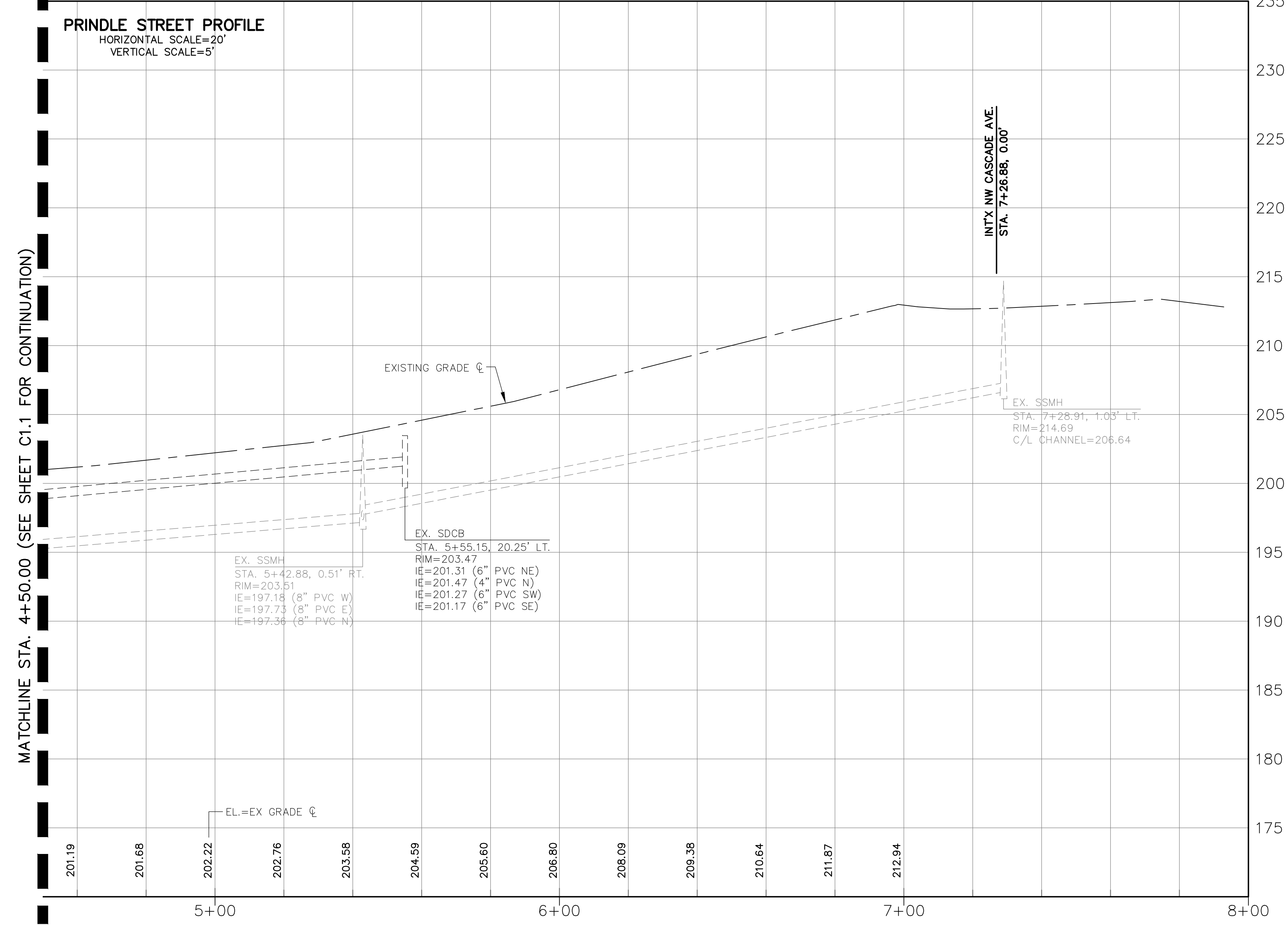
RB Engineering
 DESIGN → PERMIT → MANAGE
 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8819
 EMAIL: CW@Prose88Engineers.com

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JOB NUMBER
18073
 DRAWING NAME
18073_CO.4_DP
C0.4
 4 OF 26



- ROADWAY CONSTRUCTION NOTES:**
- ① END CONSTRUCTION OF NEW HALF ROAD IMPROVEMENTS, STA. 7+31.31, 18.47' LT.
 - ② END CONSTRUCTION OF NEW HALF ROAD IMPROVEMENTS, STA. 7+26.88, 0.00'
 - ③ N=494797.4588
E=1021090.1062
 - ④ N=494790.7812
E=1021097.5501
 - ⑤ GRIND HALF LANE 0.17' AND PROVIDE HMA OVERLAY.
 - ⑥ GRADE LIMITS TO EXISTING ROAD CENTERLINE
 - ⑦ SAWCUT EXISTING ASPHALT AS SHOWN FOR INSTALLATION OF WATER MAIN.
 - ⑧ PROVIDE TRENCH FOR INSTALLATION OF NEW WATER OR STORM DRAIN LINES. SEE DETAIL ON SHEET C1.5.

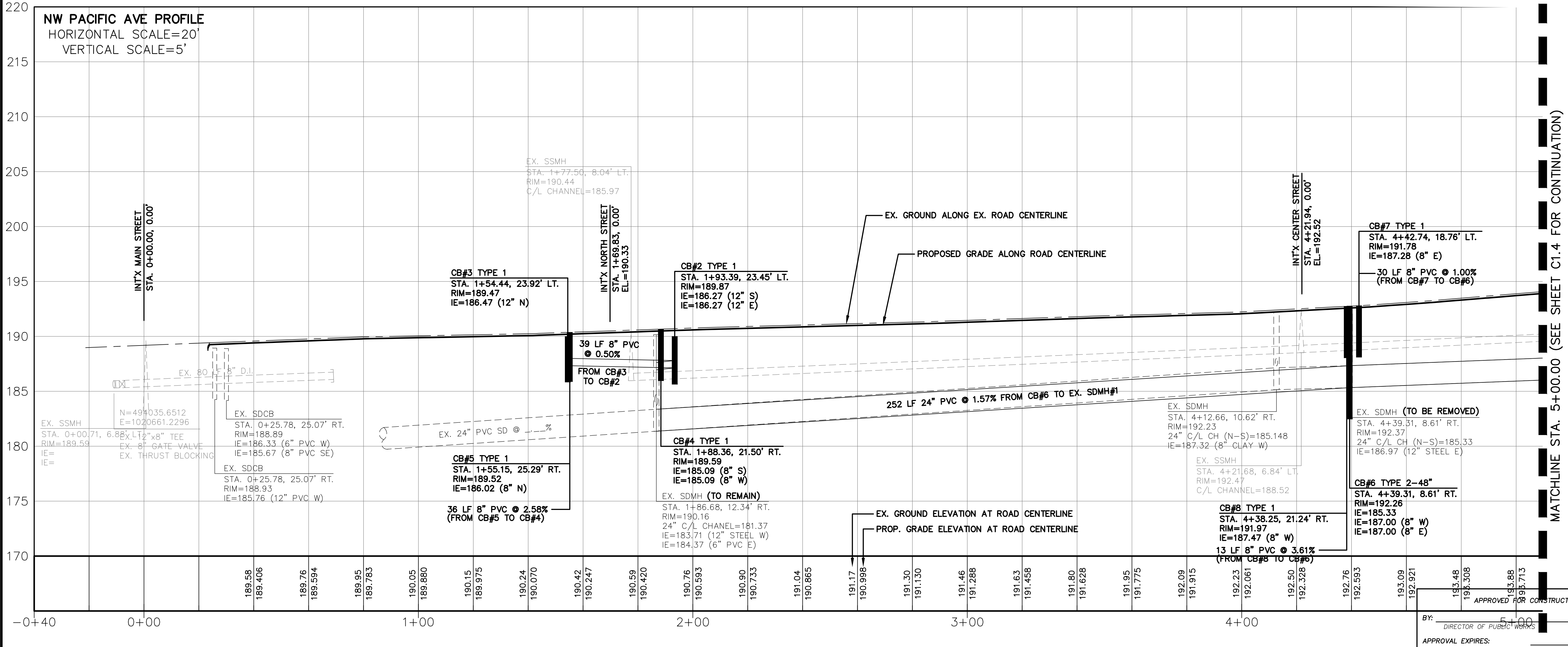
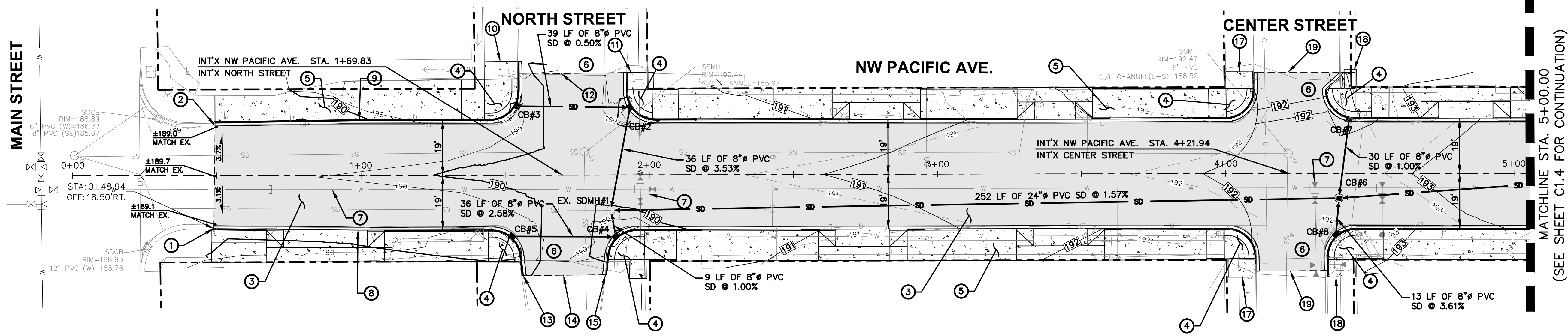
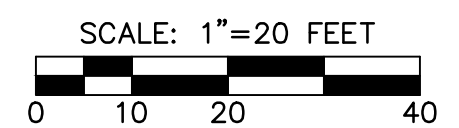
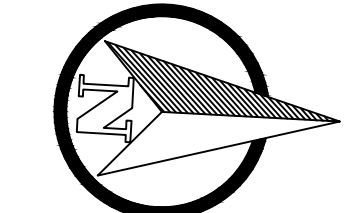


APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ PW# _____

NO.	DATE	DESIGNED BY: <u>RWB</u>	DRAWN BY: <u>CES</u>	CHECKED BY: <u>RWB</u>	DATE: <u>1/28/2021</u>	SCALE: <u>1" = 20'</u>
NW PACIFIC AVE RECONSTRUCTION CHEHALIS WA.						
NW PRINDLE ROAD AND STORM PLAN AND PROFILE						
RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: info@rbengineering.com						
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JOB NUMBER: 18073 DRAWING NAME: 18073_C1.2_PP C1.2 6 OF 26						

ROADWAY CONSTRUCTION NOTES:

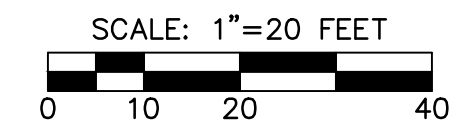
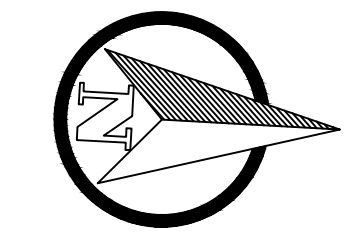
- ① BEGIN CONSTRUCTION OF NEW FULL ROAD IMPROVEMENTS AND CEMENT CONCRETE CURB AND GUTTER PER PAVING SECTION AND DETAILS ON SHEET C1.6. STA. 0+48.94, 18.50' RT. BEGIN TAPER
- ② BEGIN CONSTRUCTION OF NEW FULL ROAD IMPROVEMENTS AND CEMENT CONCRETE CURB AND GUTTER PER PAVING SECTION AND DETAILS ON SHEET C1.6. STA. 0+49.37, 17.21' LT. BEGIN TAPER
- ③ CONSTRUCT NEW PAVING SEE PAVING SECTION ON SHEET C1.6.
- ④ CONSTRUCT NEW CURB RAMPS PER DETAILS ON SHEET C1.7 AND C1.8. (TYP.)
- ⑤ CONSTRUCT NEW CONCRETE SIDEWALK PER DETAILS ON SHEET C1.6. (TYP.)
- ⑥ SEE SHEET C1.7 FOR INTERSECTION GRADES AND DETAILS.
- ⑦ PROPOSED WATER SEE SHEETS C2.3, C2.4 AND C2.5 DETAILS.
- ⑧ END 50' TAPER STA. 0+98.94, 19.00' RT.
- ⑨ END 50' TAPER STA. 0+99.34, 19.00' LT.
- ⑩ END NEW CONC. SIDEWALK 39' LT.
- ⑪ END NEW CONC. SIDEWALK 31' LT.
- ⑫ END NEW PAVEMENT 35' SAWCUT EX. ASPHALT TO PROVIDE SMOOTH TRANSITION WITH NEW ASPHALT.
- ⑬ END NEW CONC. CURB 35' LT.
- ⑭ END NEW PAVEMENT 35' LT.
- ⑮ END NEW CONC. CURB 35' LT.
- ⑯ END NEW PAVEMENT 36' SAWCUT EX. ASPHALT TO PROVIDE SMOOTH TRANSITION WITH NEW ASPHALT.
- ⑰ END NEW CONC. SIDEWALK 35.5' LT.
- ⑱ END NEW CONC. SIDEWALK 36' LT.
- ⑲ END NEW PAVEMENT 35' SAWCUT EX. ASPHALT TO PROVIDE SMOOTH TRANSITION WITH NEW ASPHALT.



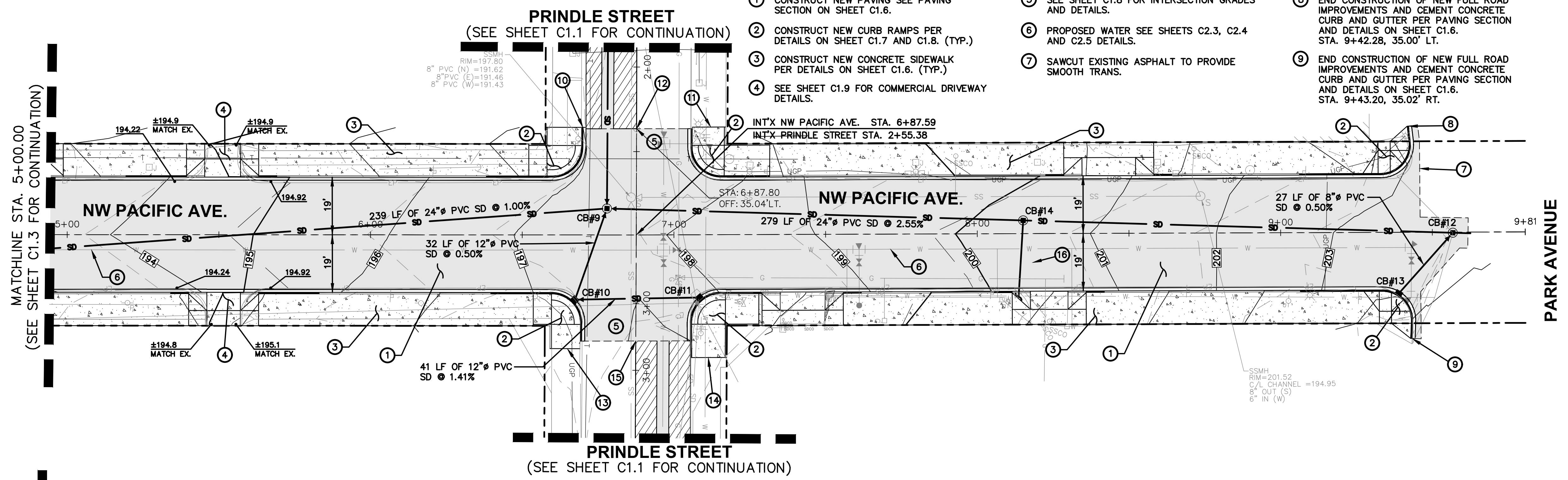
NO.	DATE	DESIGNED BY: <u>RWB</u>	DRAWN BY: <u>CES</u>	CHECKED BY: <u>RWB</u>	DATE: <u>1/28/2021</u>	SCALE: <u>1\"/> </u>
NW PACIFIC AVE RECONSTRUCTION						
NW PACIFIC AVE. ROAD AND STORM PLAN AND PROFILE						
RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: ChePro@aol.com						
APPROVED FOR CONSTRUCTION BY: _____ DATE: _____ DIRECTOR OF PUBLIC WORKS APPROVAL EXPIRES: _____ PW# _____						
JOB NUMBER: <u>18073</u> DRAWING NAME: <u>18073_C1.3_PP</u> C1.3 7 OF 26						

ROADWAY CONSTRUCTION NOTES:

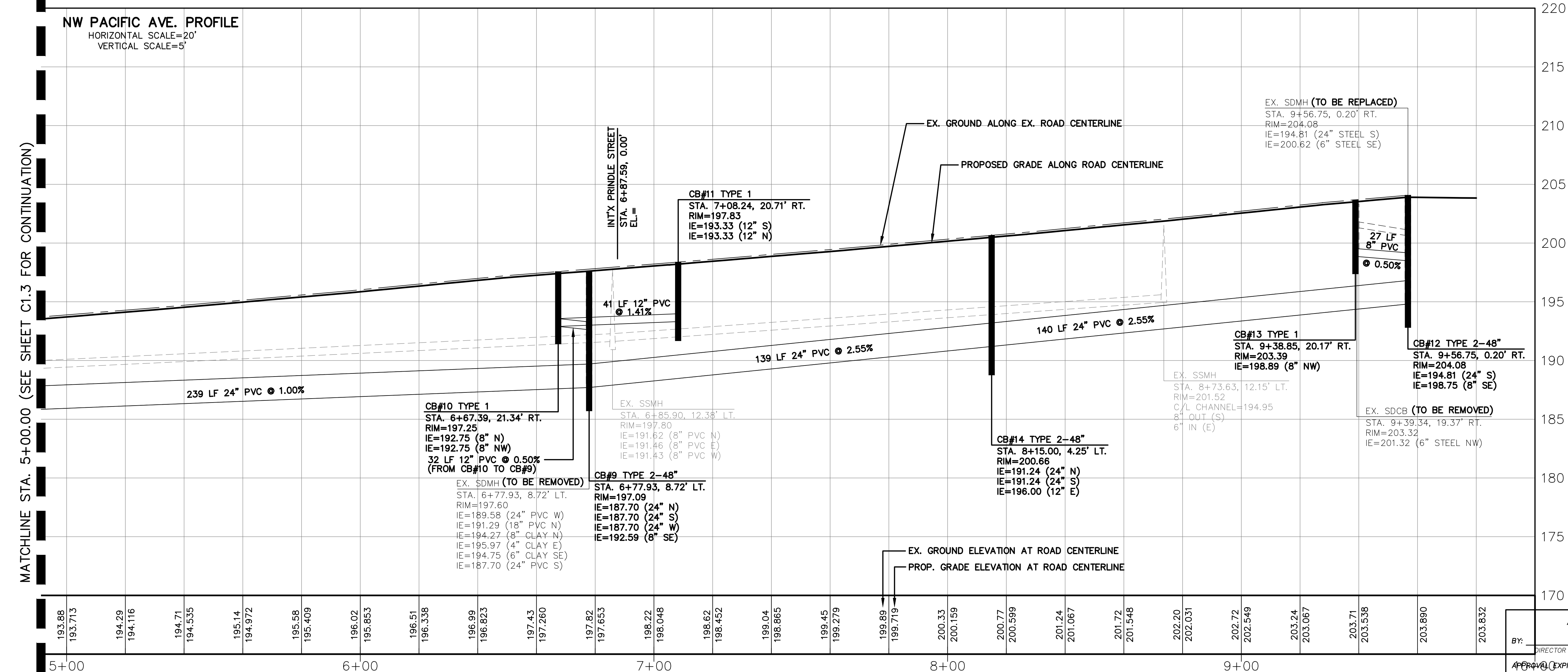
- ① CONSTRUCT NEW PAVING SEE PAVING SECTION ON SHEET C1.6.
- ② CONSTRUCT NEW CURB RAMP PER DETAILS ON SHEET C1.7 AND C1.8. (TYP.)
- ③ CONSTRUCT NEW CONCRETE SIDEWALK PER DETAILS ON SHEET C1.6. (TYP.)
- ④ SEE SHEET C1.9 FOR COMMERCIAL DRIVEWAY DETAILS.
- ⑤ SEE SHEET C1.8 FOR INTERSECTION GRADES AND DETAILS.
- ⑥ PROPOSED WATER SEE SHEETS C2.3, C2.4 AND C2.5 DETAILS.
- ⑦ SAWCUT EXISTING ASPHALT TO PROVIDE SMOOTH TRANS.
- ⑧ END CONSTRUCTION OF NEW FULL ROAD IMPROVEMENTS AND CEMENT CONCRETE CURB AND GUTTER PER PAVING SECTION AND DETAILS ON SHEET C1.6. STA. 9+42.28, 35.00' LT.
- ⑨ END CONSTRUCTION OF NEW FULL ROAD IMPROVEMENTS AND CEMENT CONCRETE CURB AND GUTTER PER PAVING SECTION AND DETAILS ON SHEET C1.6. STA. 9+43.20, 35.00' RT.



- ⑩ END NEW CONC. SIDEWALK 35' LT. MATCH EX. GRADE.
- ⑪ END NEW CONC. SIDEWALK 35' LT. MATCH EX. GRADE.
- ⑫ END NEW ASPHALT 6+87.80, 35.04' LT. SAWCUT EX. ASPHALT.
- ⑬ END NEW CONCRETE SIDEWALK 37' LT.
- ⑭ END NEW CONCRETE SIDEWALK 41' LT.
- ⑮ END NEW ASPHALT 6+87.44, 34.97' RT. SAWCUT EX. ASPHALT.
- ⑯ INSTALL 25 LF 12" ϕ PVC STORM PIPE AND CONNECT TO EXISTING PIPES IN SIDEWALK. FIELD VERIFY EXISTING PIPE.



NW PACIFIC AVE. PROFILE
HORIZONTAL SCALE=20'
VERTICAL SCALE=5'



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REVISION	
NO.	DATE
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DATE: 1/28/2021	SCALE: 1" = 20'

NW PACIFIC AVE RECONSTRUCTION

NW PACIFIC AVE. ROAD AND STORM PLAN AND PROFILE

RB Engineering
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CHEHALIS, WA 98532

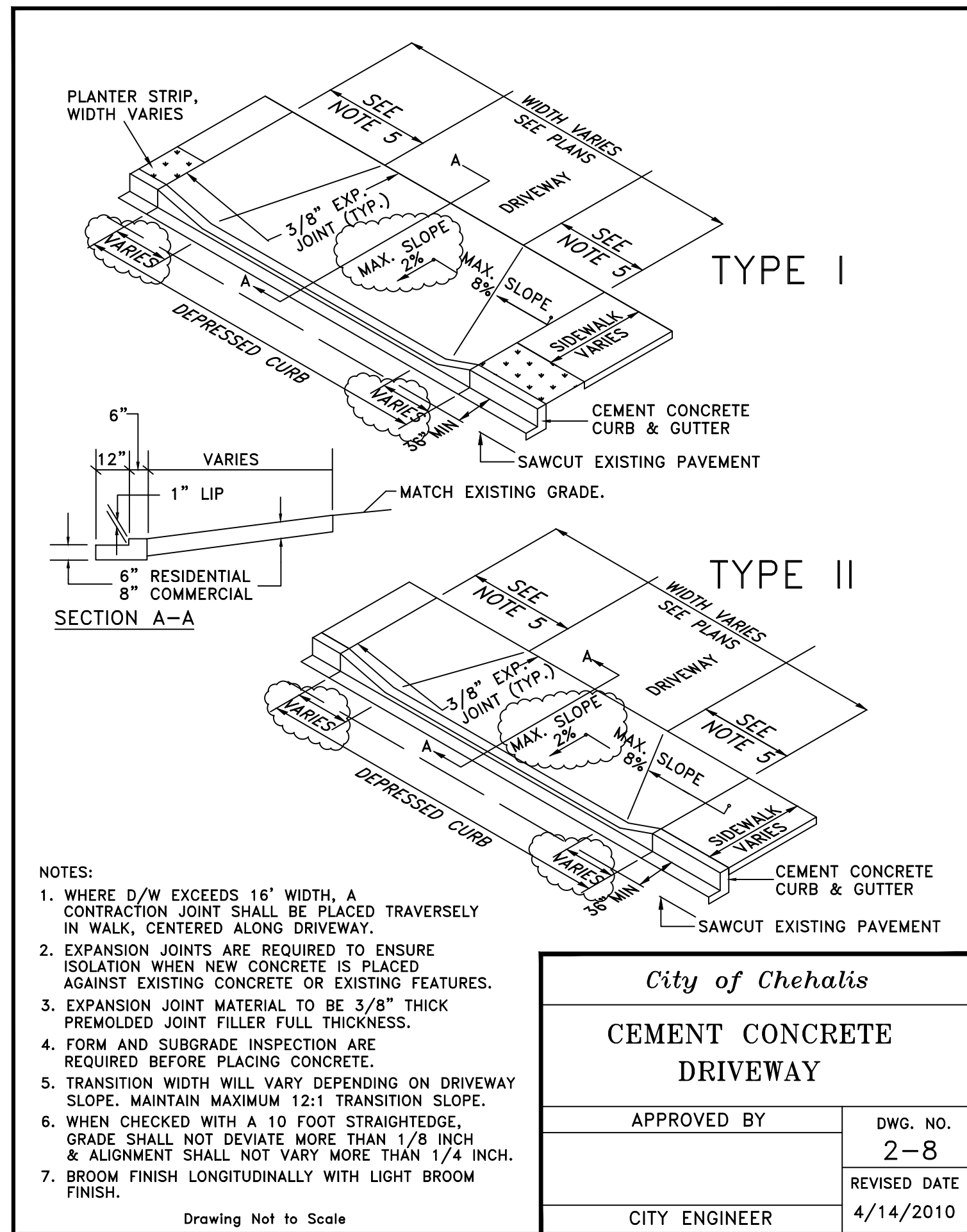
OFF: (360) 740-8819
EMAIL: rw@rbengineering.com

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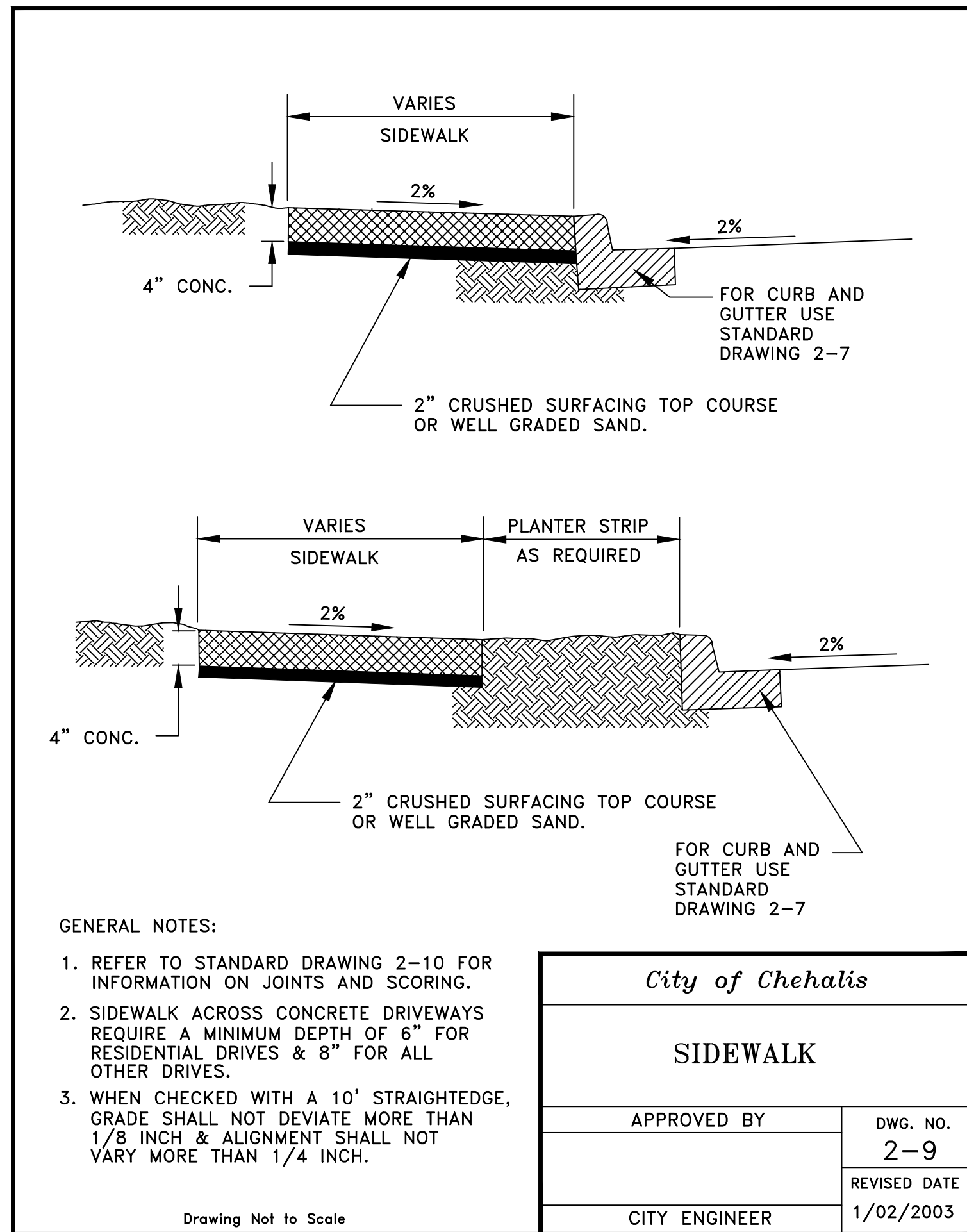
JOB NUMBER: 18073
DRAWING NAME: 18073_C1.4_PP
C1.4
8 OF 26

GENERAL NOTES (STREET CONSTRUCTION)

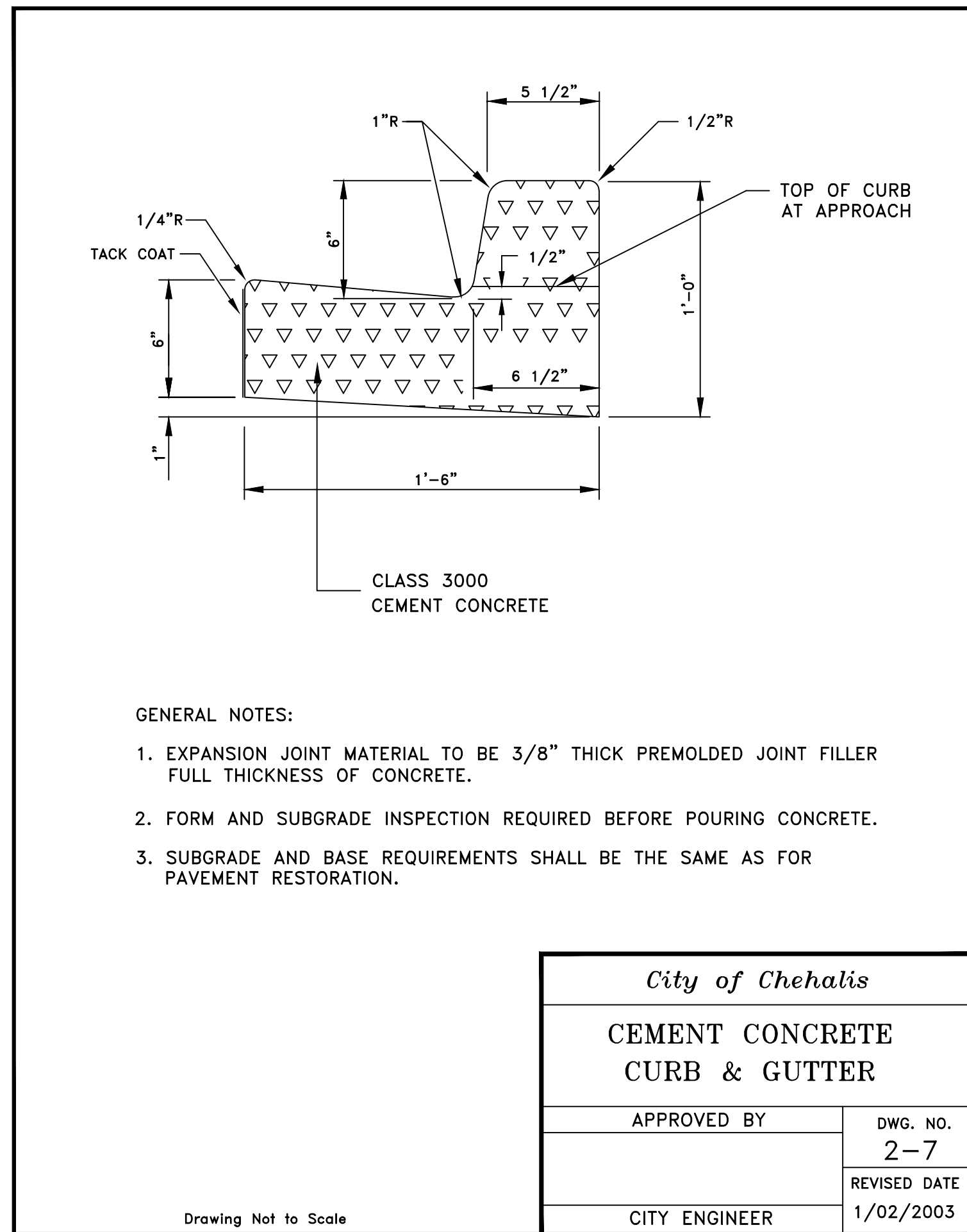
1. ALL WORKMANSHIP AND MATERIALS WILL BE IN ACCORDANCE WITH CITY OF CHEHALIS STANDARDS AND THE MOST RECENT EDITION OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH MUTCD. PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS MUST BE PREPARED AND SUBMITTED TO THE CITY FOR APPROVAL. NO WORK WILL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL PLANS ARE IN PLACE.
3. ALL CURB AND GUTTER, STREET GRADES, SIDEWALK GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENT, WILL BE STAKED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
4. WHERE NEW ASPHALT JOINS EXISTING, THE EXISTING ASPHALT WILL BE CUT TO A NEAT VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE NEW ASPHALT WILL BE FEATHERED BACK OVER EXISTING TO PROVIDE FOR A SEAL AT THE SAW CUT LOCATION AND THE JOINT SEALED WITH GRADE AR-4000W PAVING ASPHALT.
5. COMPACTION OF SUBGRADE, ROCK AND ASPHALT WILL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
6. FORM AND SUBGRADE INSPECTION BY THE PUBLIC WORKS DEPARTMENT IS REQUIRED BEFORE POURING CONCRETE. TWENTY-FOUR HOURS (ONE WORK DAY) ADVANCE NOTICE IS REQUIRED FOR FORM INSPECTION.
7. TESTING AND SAMPLING FREQUENCIES ARE DESCRIBED IN THESE STANDARDS.
8. THE PUBLIC WORKS DEPARTMENT WILL INSTALL OR OVERSEE THE INSTALLATION OF STREET NAME AND REGULATORY SIGNS AT THE CONTRACTOR'S AND/OR THE DEVELOPER'S EXPENSE. ALL STREET NAME AND REGULATORY SIGNS WILL BE REQUESTED AND APPROVED BY THE CITY PRIOR TO THE START OF CONSTRUCTION.



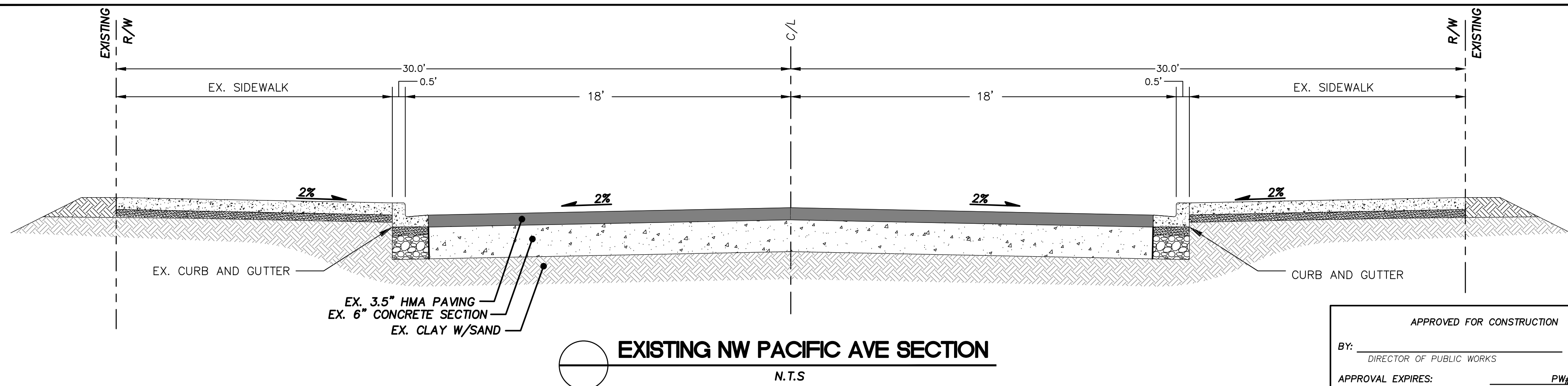
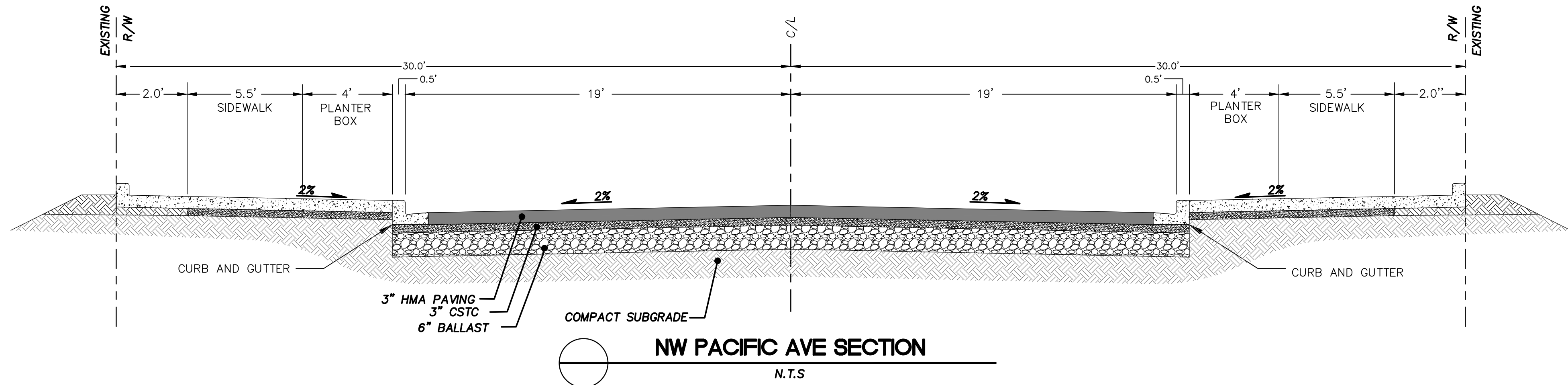
<i>City of Chehalis</i>	
CEMENT CONCRETE DRIVEWAY	
APPROVED BY	DWG. NO.
	2-8
	REVISED DATE
CITY ENGINEER	4/14/2010



<i>City of Chehalis</i>	
SIDEWALK	
APPROVED BY	DWG. NO.
	2-9
	REVISED DATE
CITY ENGINEER	1/02/2003

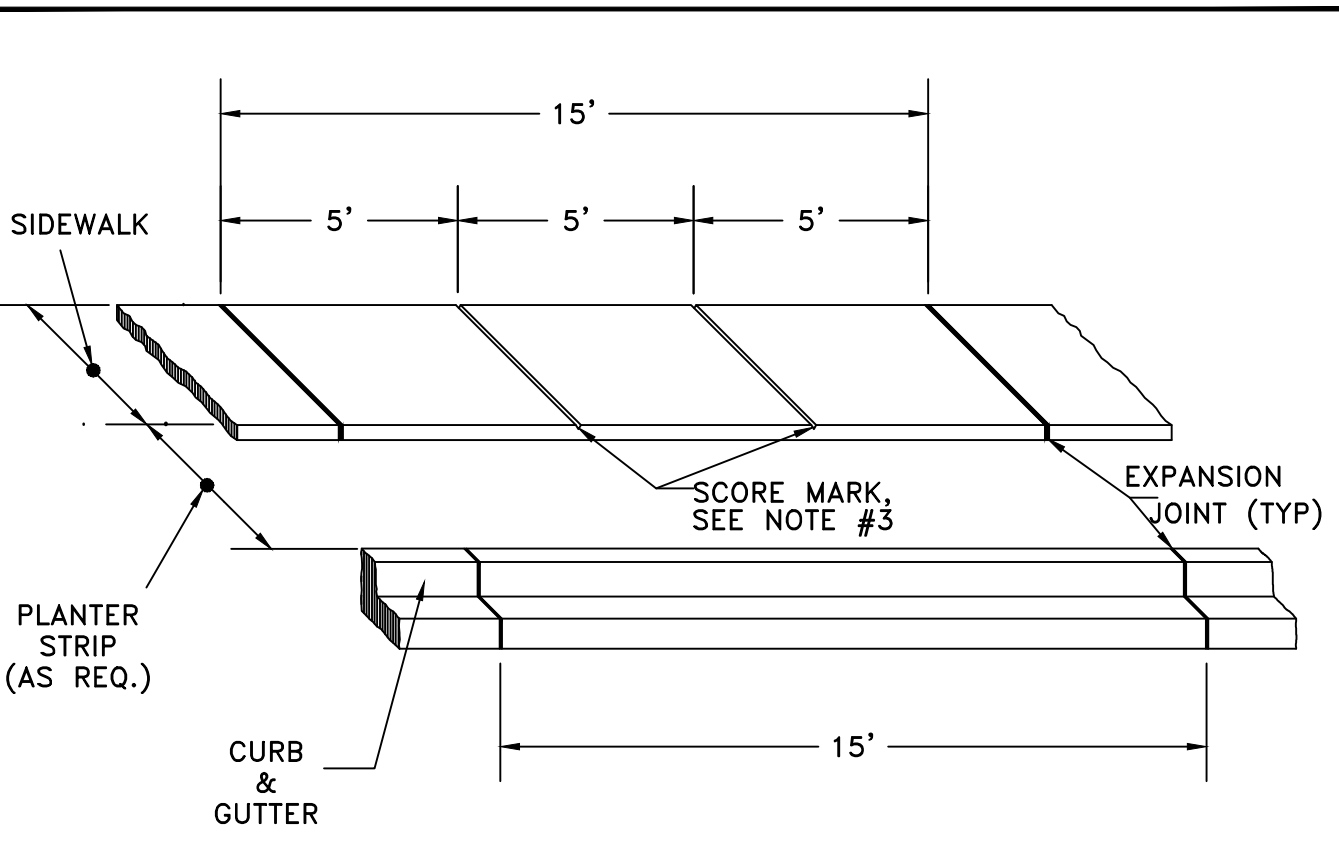


<i>City of Chehalis</i>	
CEMENT CONCRETE CURB & GUTTER	
APPROVED BY	DWG. NO.
	2-7
	REVISED DATE
CITY ENGINEER	1/02/2003

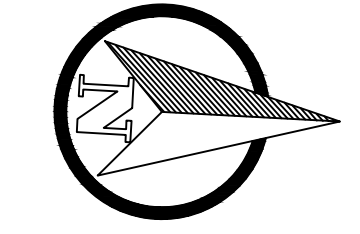


APPROVED FOR CONSTRUCTION	
BY: _____	DATE: _____
<small>DIRECTOR OF PUBLIC WORKS</small>	
APPROVAL EXPIRES: _____	PW# _____

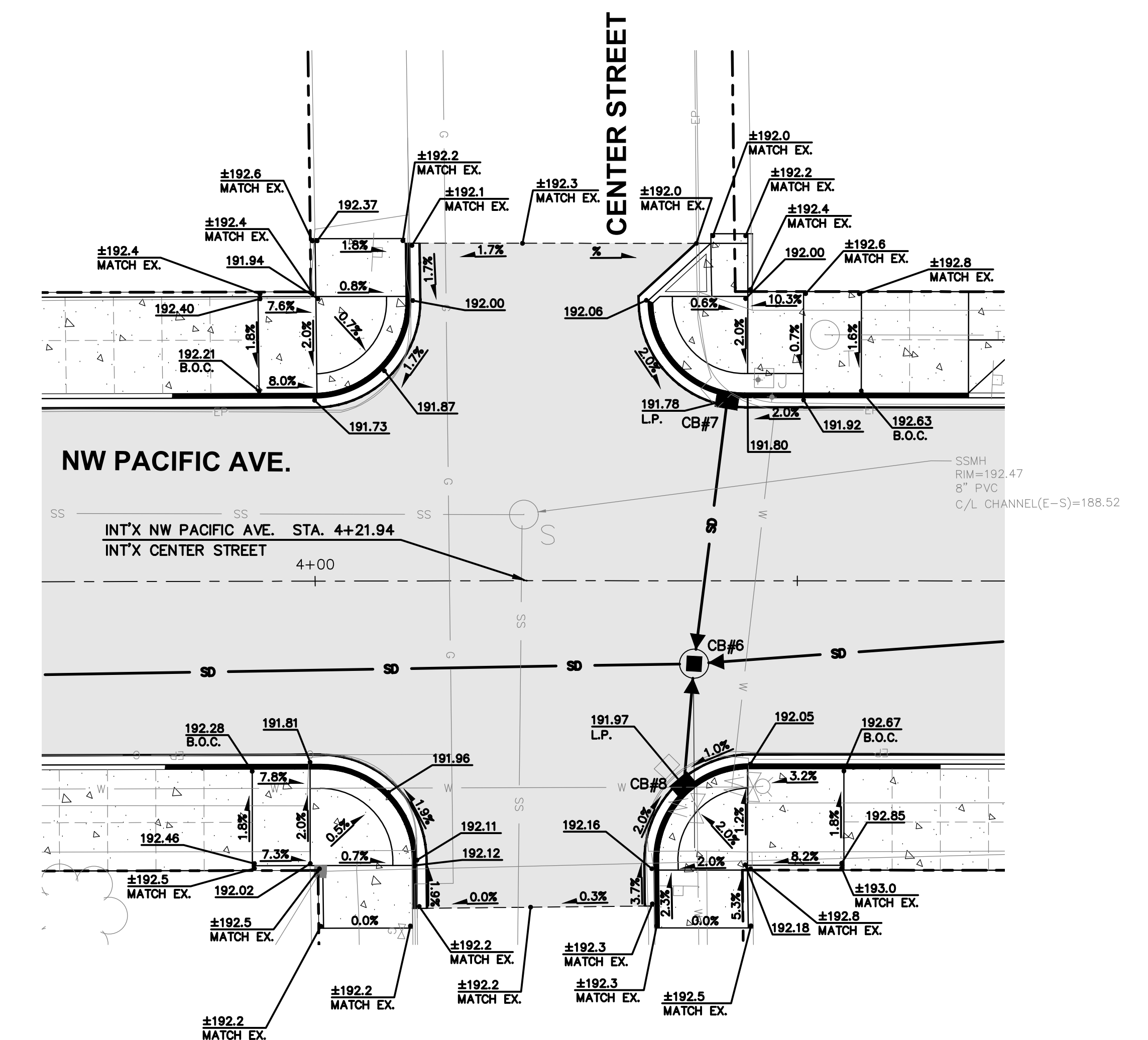
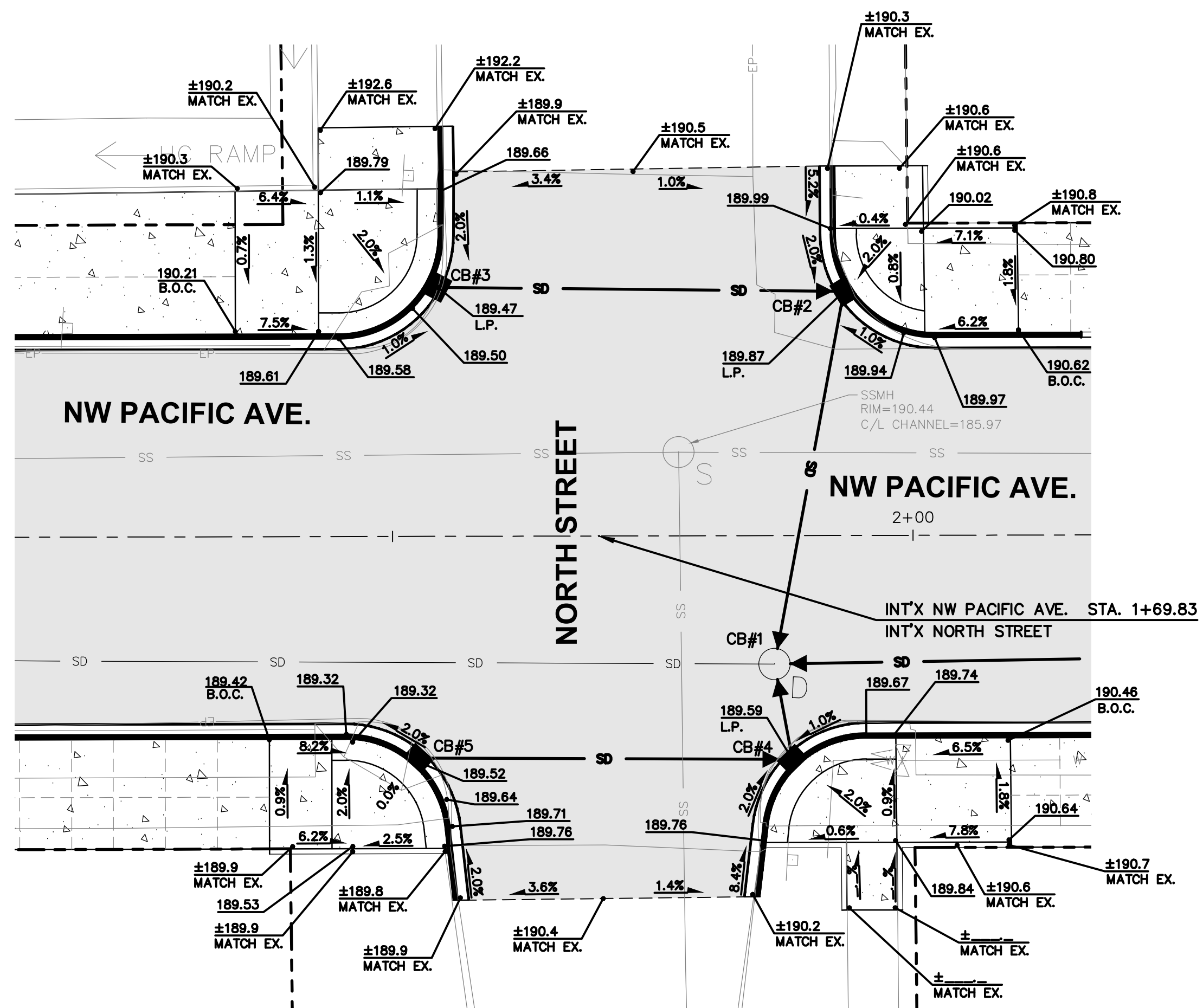
<i>City of Chehalis</i>	
SIDEWALK SPACING EXPANSION JOINTS & SCORE MARKS	
APPROVED BY	DWG. NO.
	2-10
	REVISED DATE
CITY ENGINEER	1/02/2003



NO.	DATE	DESIGNED BY: RWB	DRAWN BY: CES	CHECKED BY: RWB	DATE: 1/28/2021	SCALE:
REVISION						
WA.						
NW PACIFIC AVE RECONSTRUCTION						
CHEHALIS						
ROAD CROSS SECTIONS AND DETAILS						
RB Engineering DESIGN → PERMIT → MANAGE OFF: (360) 740-8819 EMAIL: CW@Prose@RBEng.com P.O. Box 923 CHEHALIS, WA 98532						
811 Know what's below. Call 811 before you dig.						
JOB NUMBER: 18073 DRAWING NAME: 18073_RDDT C1.6 10 OF 26						



SCALE: 1"=10 FEET
0 5 10 20



APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ PW# _____

NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 10'

**NW PACIFIC AVE
 RECONSTRUCTION**
 CHEHALIS WA.

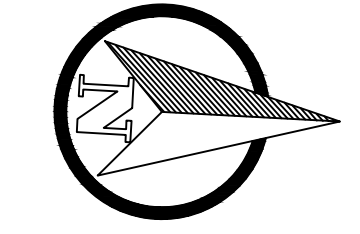
INTERSECTION DETAILS



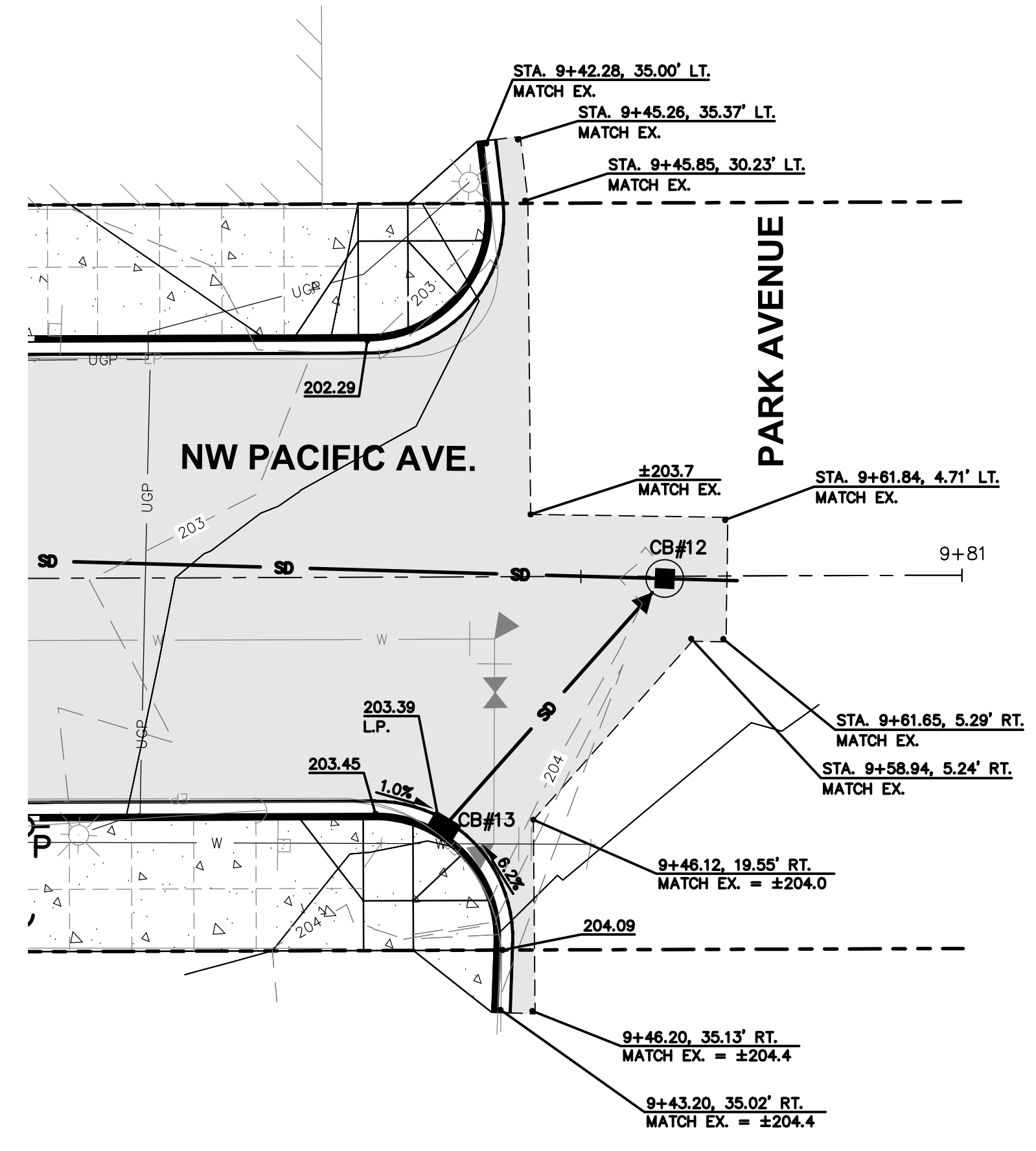
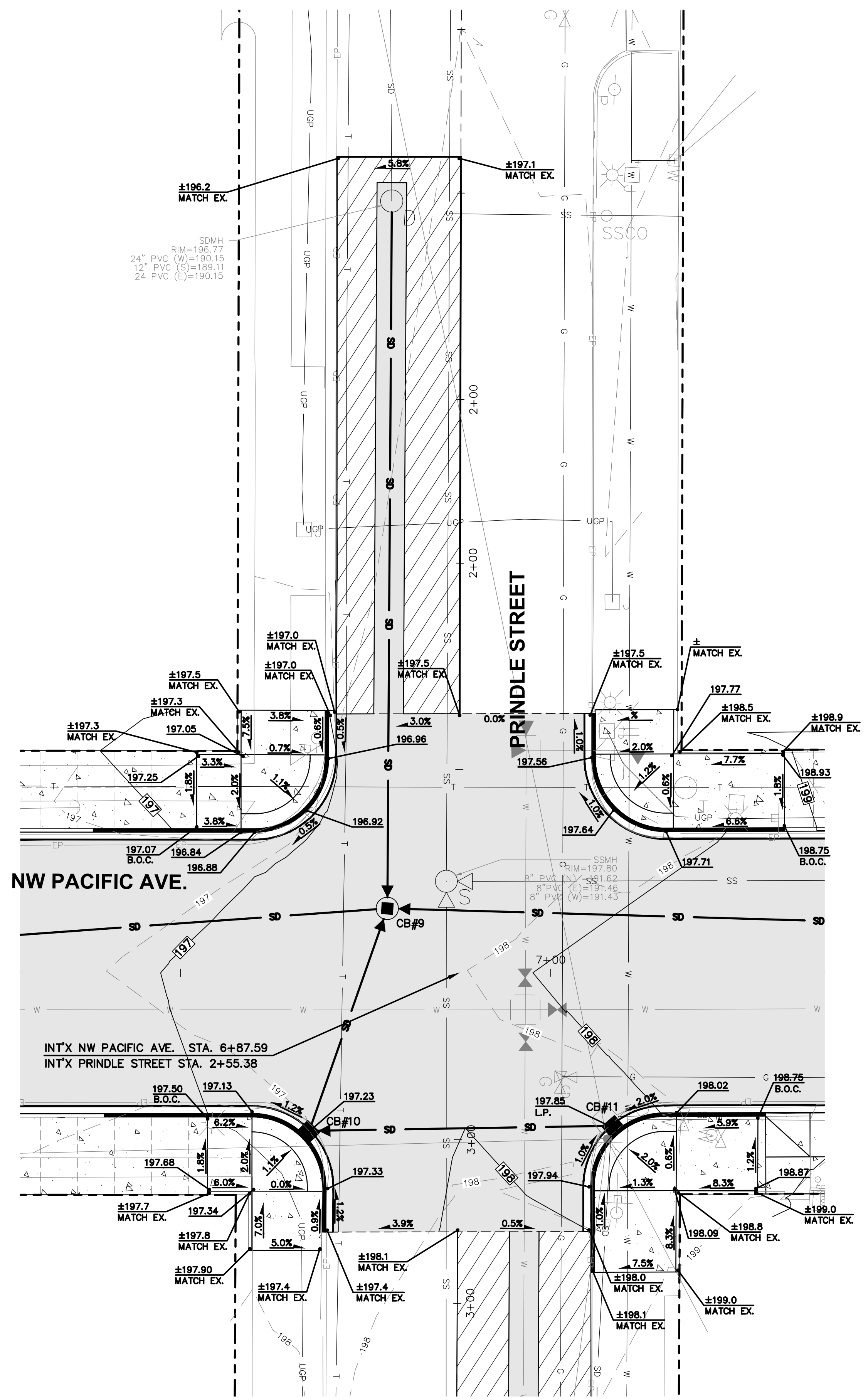
RB Engineering
 DESIGN → PERMIT → MANAGE
 P.O. Box 323
 CHEHALIS, WA 98532
 OFF: (360) 740-8919
 EMAIL: CWP@RBEngineers.com

811 Know what's below. Call 811 before you dig.

JOB NUMBER
 18073
 DRAWING NAME
 18073_C1.7_ITDT
C1.7
 11 OF 26



SCALE: 1"=10 FEET
0 5 10 20

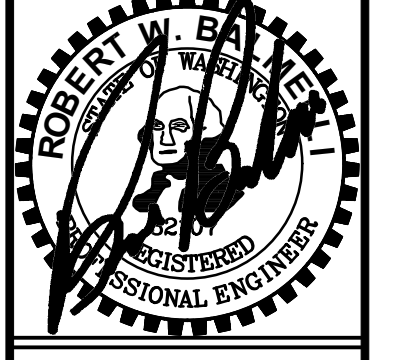


NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 10'

**NW PACIFIC AVE
RECONSTRUCTION**
 CHEHALIS WA.

INTERSECTION DETAILS

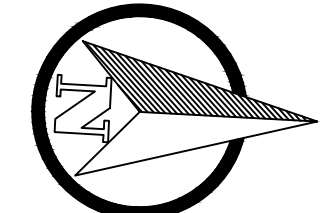


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 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8919
 EMAIL: CivPro@RBCEngineers.com

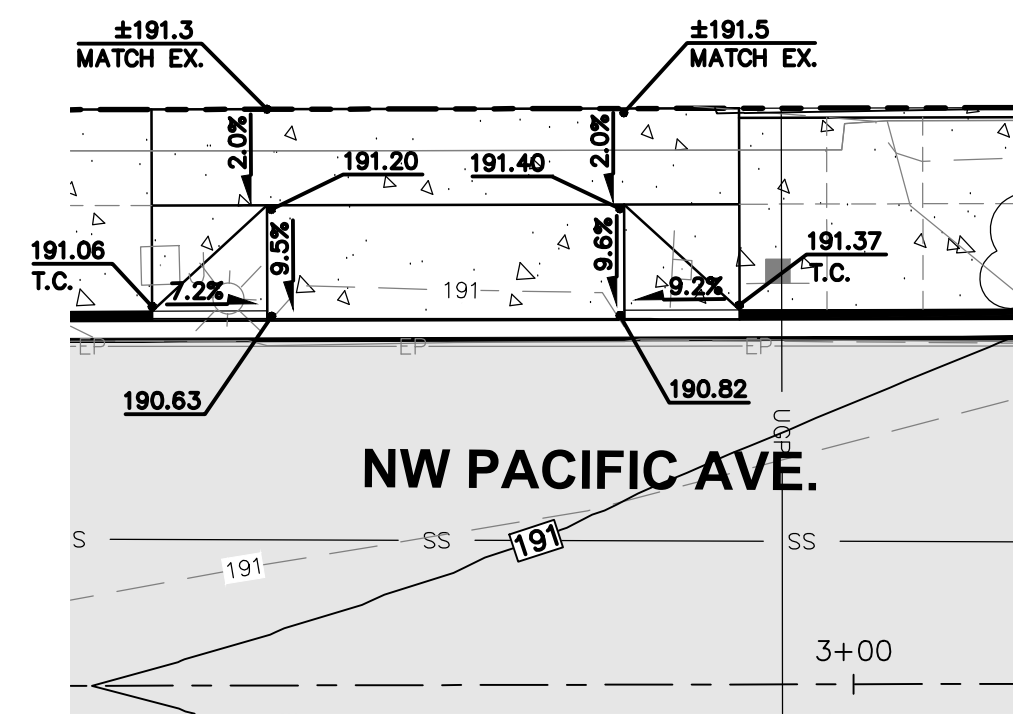
811 Know what's below. Call 811 before you dig.

JOB NUMBER
18073
 DRAWING NAME
18073_C1.8_ITDT
C1.8
 12 OF 26

APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ PW# _____

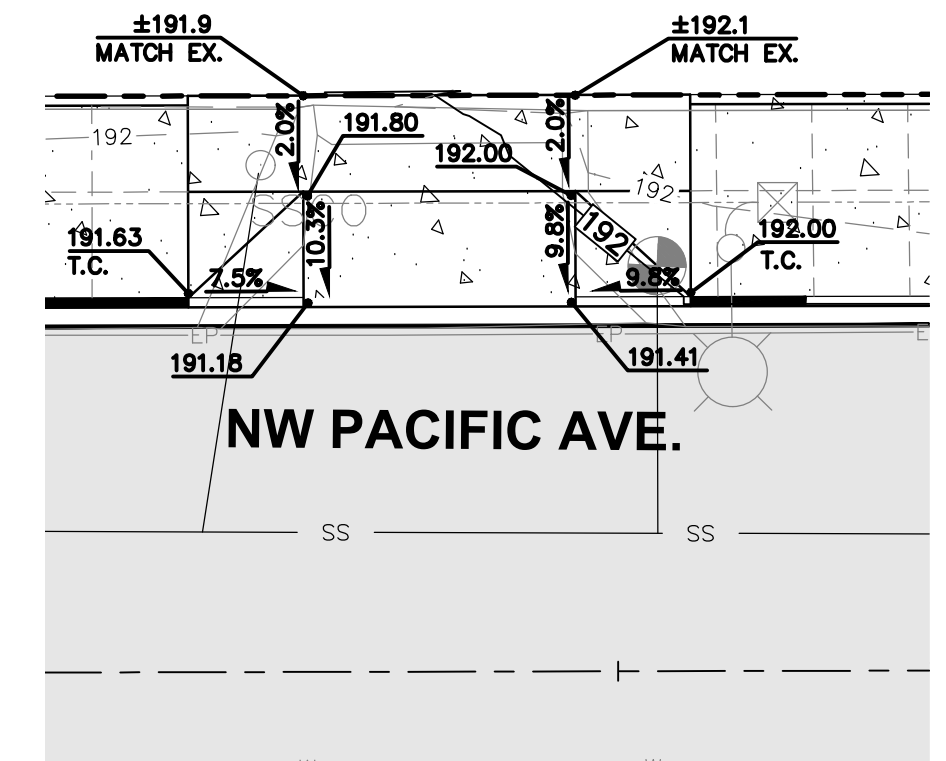


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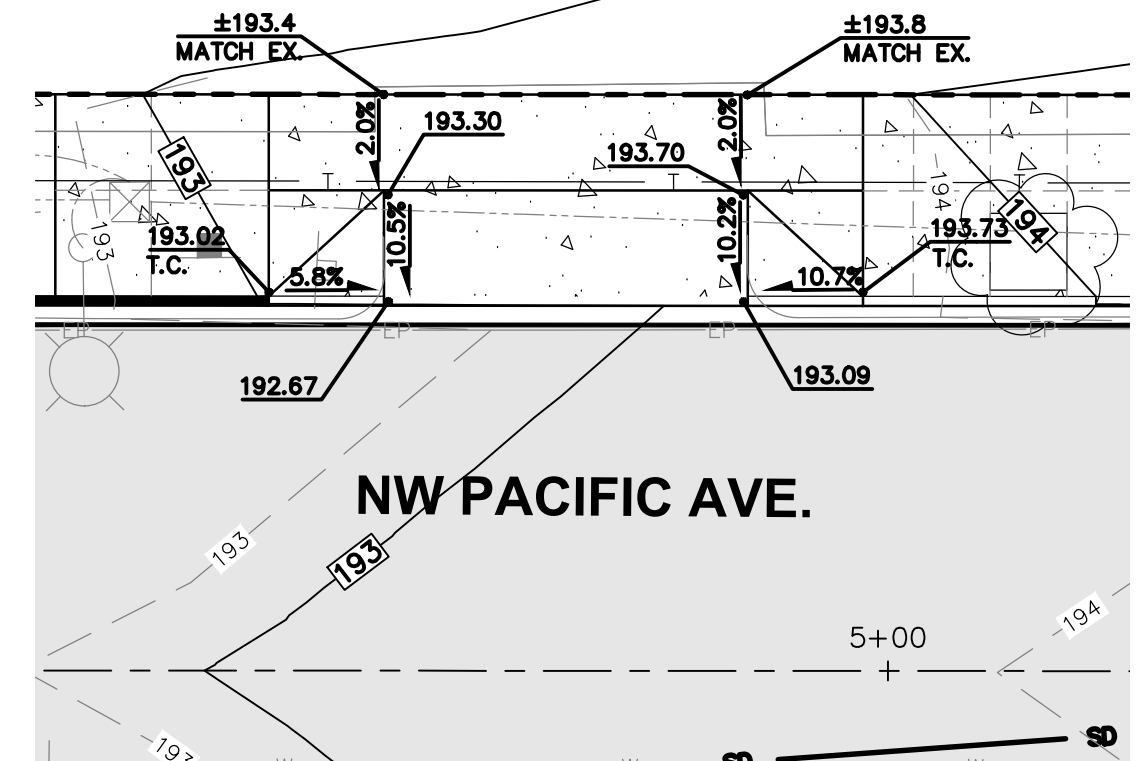
COMMERCIAL DRIVEWAY
STA. 2+70.00, 19' LT. TO 2+88.00, 19' LT.

SCALE 1"=10'



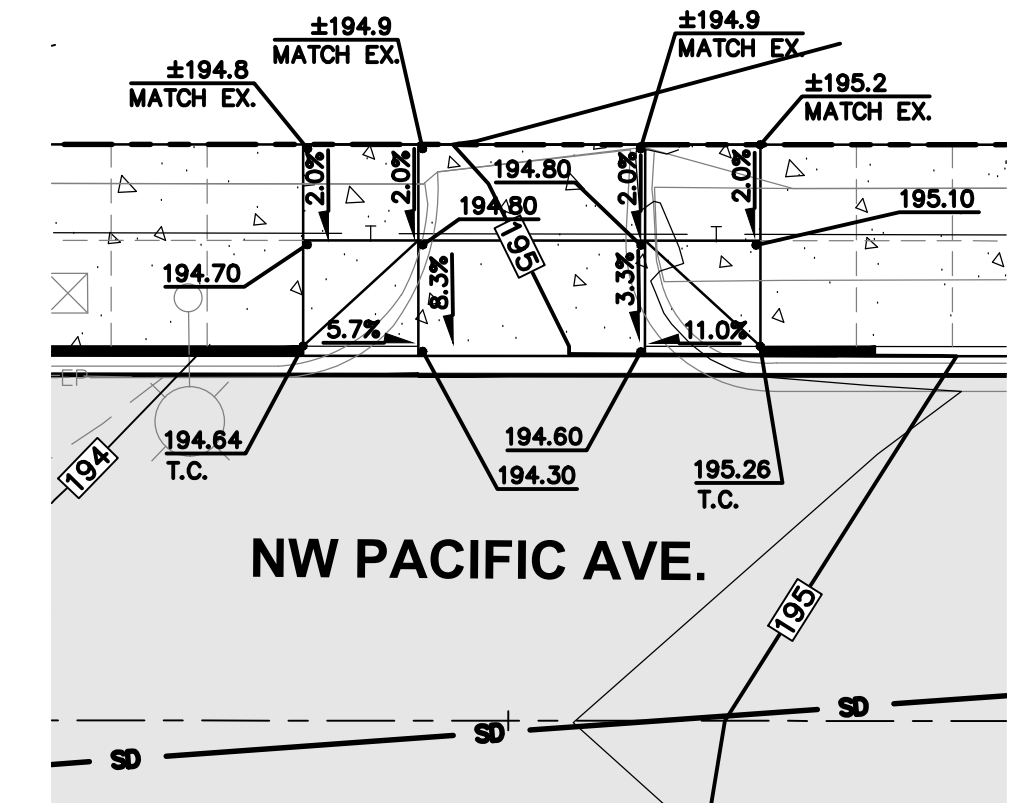
COMMERCIAL DRIVEWAY
STA. 3+34.00, 19' LT. TO 3+48.00, 19' LT.

SCALE 1"=10'



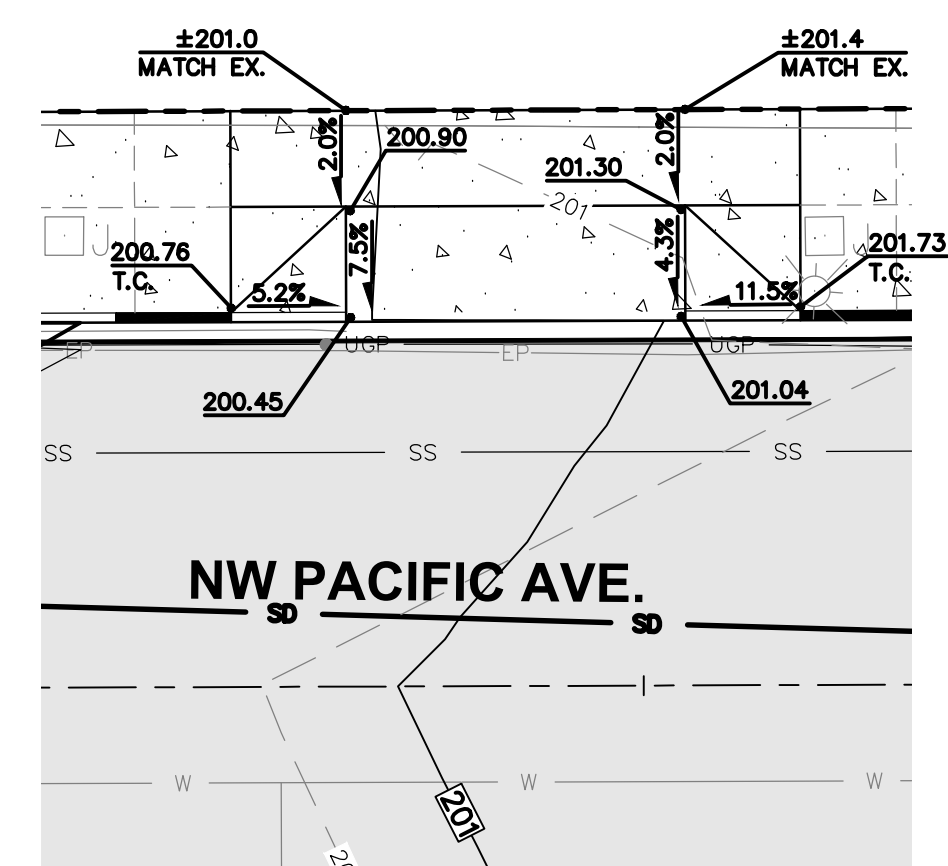
COMMERCIAL DRIVEWAY
STA. 4+74.00, 19' LT. TO 4+93.00, 19' LT.

SCALE 1"=10'



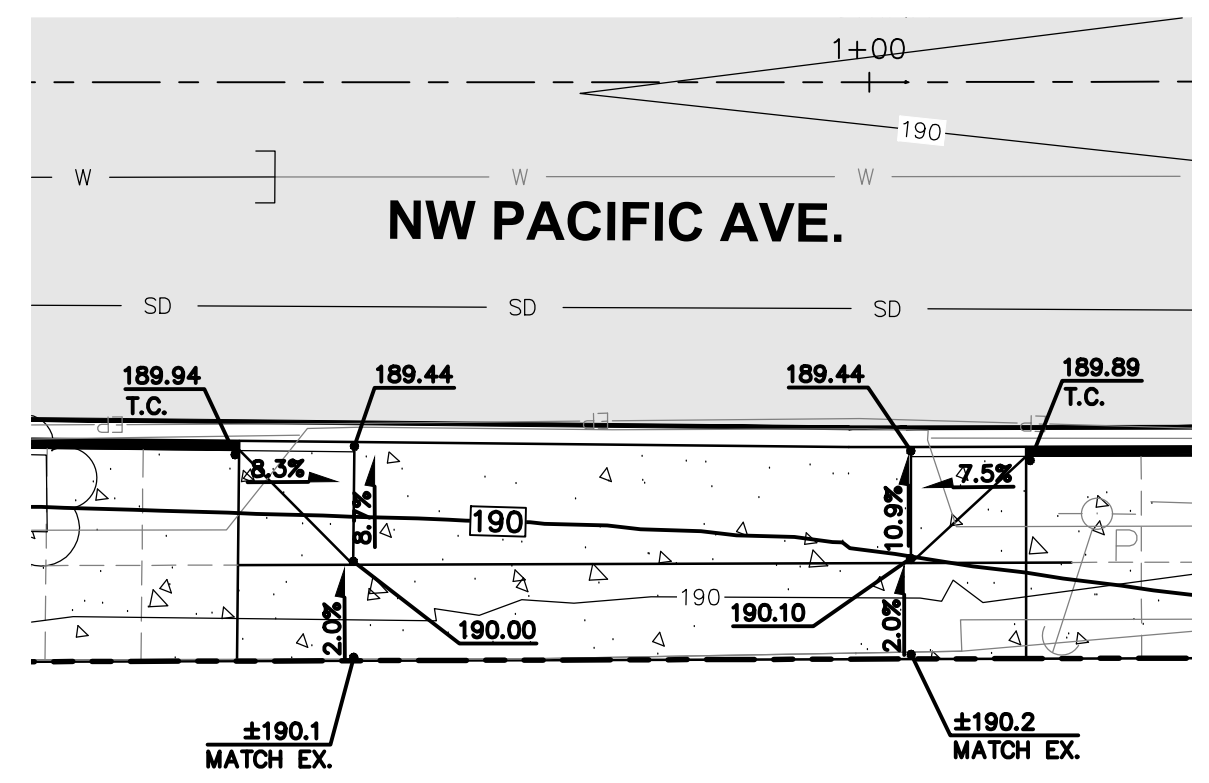
COMMERCIAL DRIVEWAY
STA. 5+35.00, 19' LT. TO 5+67.00, 19' LT.

SCALE 1"=10'



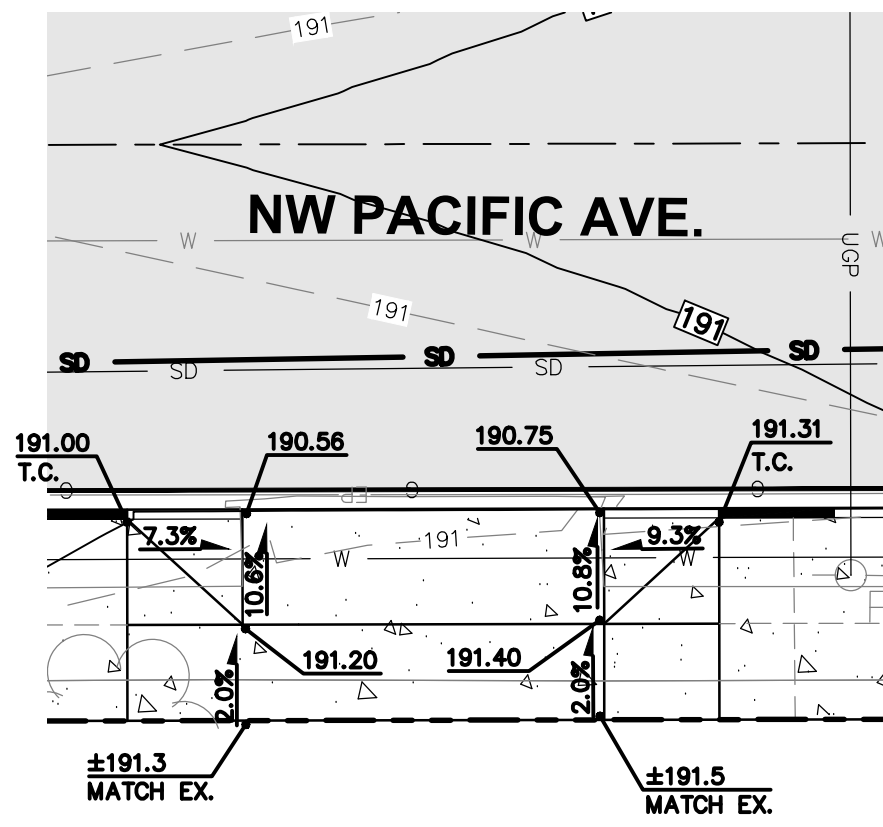
COMMERCIAL DRIVEWAY
STA. 8+35.00, 19.0' LT. TO 8+52.00, 19.0' LT.

SCALE 1"=10'



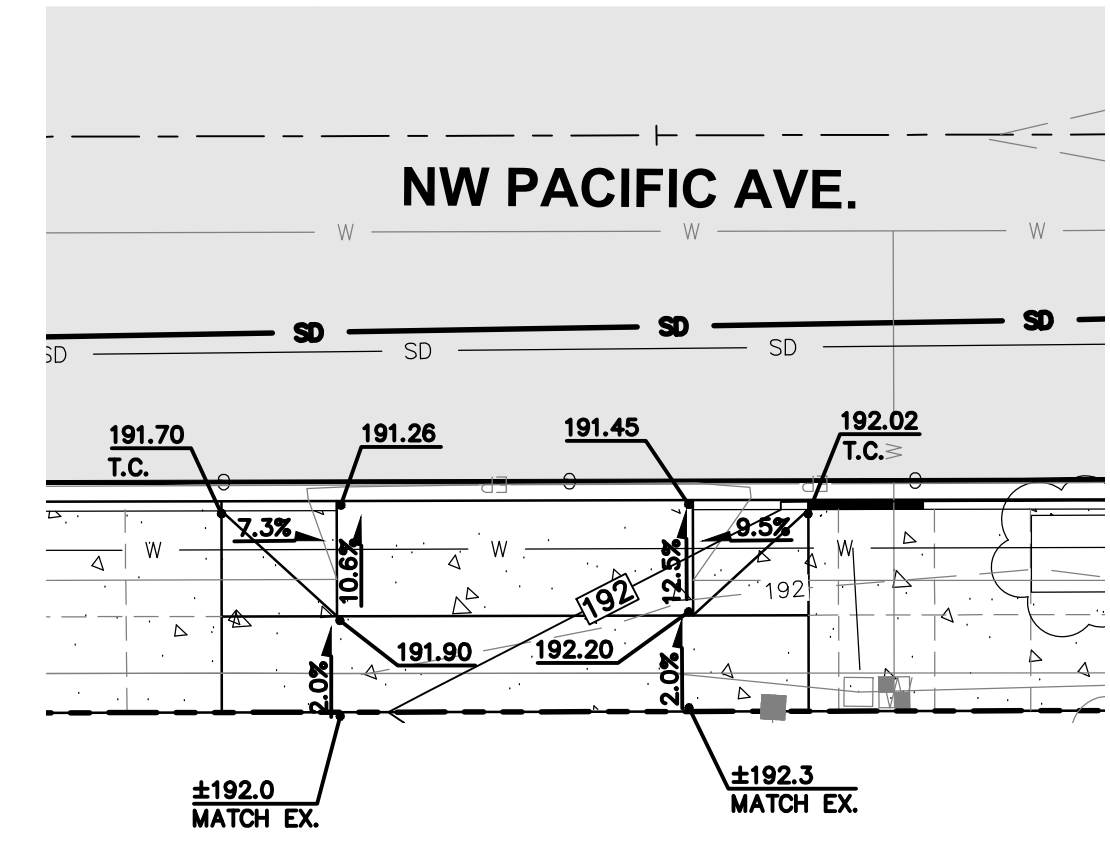
COMMERCIAL DRIVEWAY
STA. 0+69.00, 18.7' RT. TO 1+04.00, 19.0' RT.

SCALE 1"=10'



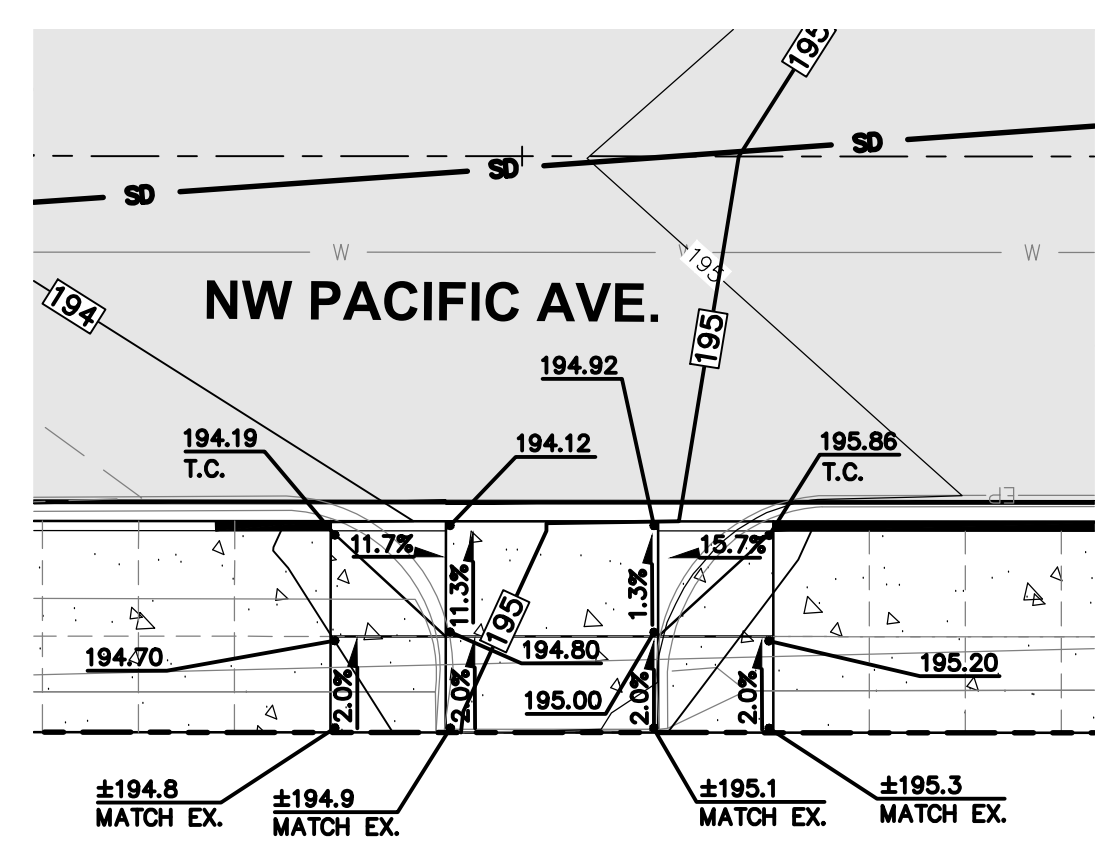
COMMERCIAL DRIVEWAY
STA. 2+65.00, 19.0' RT. TO 2+83.00, 19.0' RT.

SCALE 1"=10'



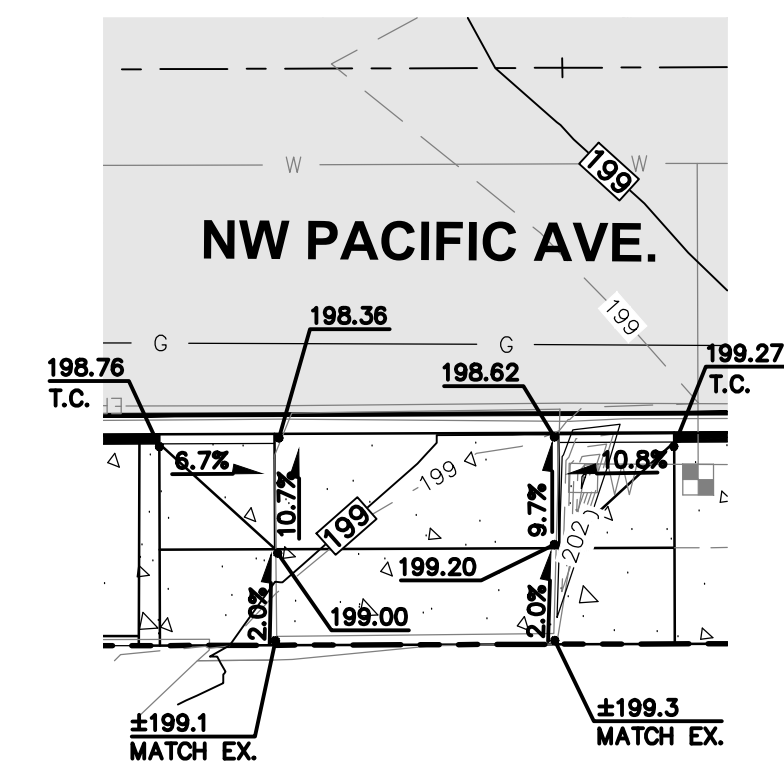
COMMERCIAL DRIVEWAY
STA. 3+33.00, 19.0' RT. TO 3+52.00, 19.0' RT.

SCALE 1"=10'



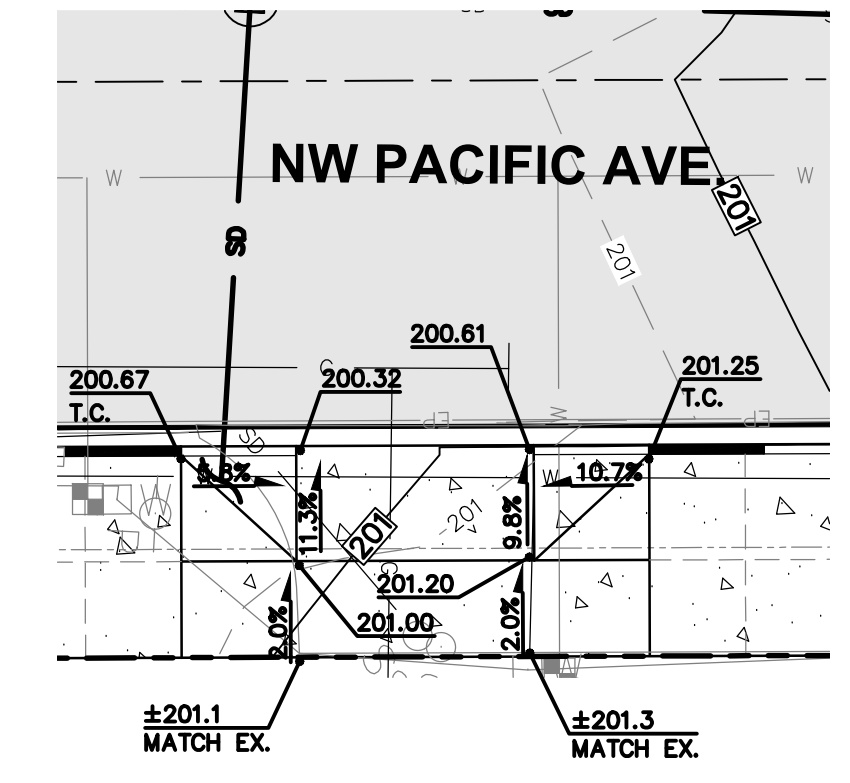
COMMERCIAL DRIVEWAY
STA. 5+36.00, 19.0' RT. TO 5+67.00, 19.0' RT.

SCALE 1"=10'



COMMERCIAL DRIVEWAY
STA. 7+35.00, 19.0' RT. TO 7+50.00, 19.0' RT.

SCALE 1"=10'



COMMERCIAL DRIVEWAY
STA. 8+17.00, 19.0' RT. TO 8+30.00, 19.0' RT.

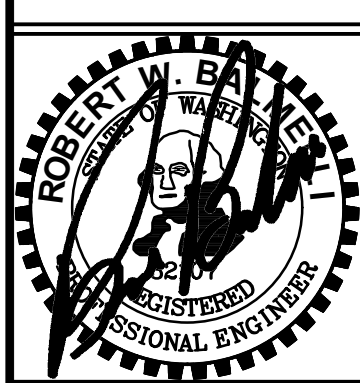
SCALE 1"=10'

NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 10'

**NW PACIFIC AVE
RECONSTRUCTION**

**COMMERCIAL DRIVEWAY
DETAILS**



RB Engineering
 DESIGN → PERMIT → MANAGE
 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8819
 EMAIL: info@rbengineers.com

811 Know what's below.
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APPROVED FOR CONSTRUCTION

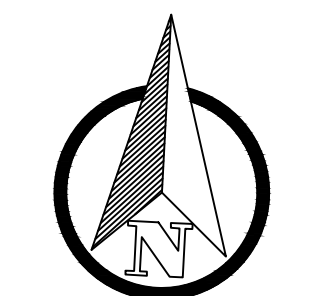
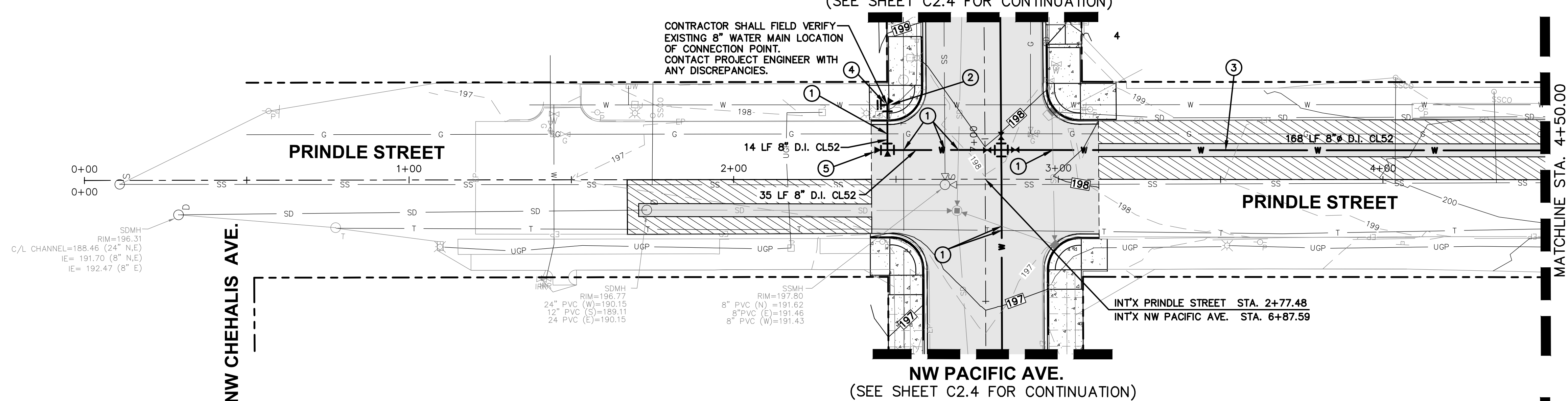
BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS

APPROVAL EXPIRES: _____ P# _____

JOB NUMBER
18073
 DRAWING NAME
18073_C1.9_DW_DT
C1.9
 13 OF 26

(SEE SHEET C2.4 FOR CONTINUATION)

CONTRACTOR SHALL FIELD VERIFY EXISTING 8" WATER MAIN LOCATION OF CONNECTION POINT. CONTACT PROJECT ENGINEER WITH ANY DISCREPANCIES.



SCALE: 1"=20 FEET
0 10 20 40

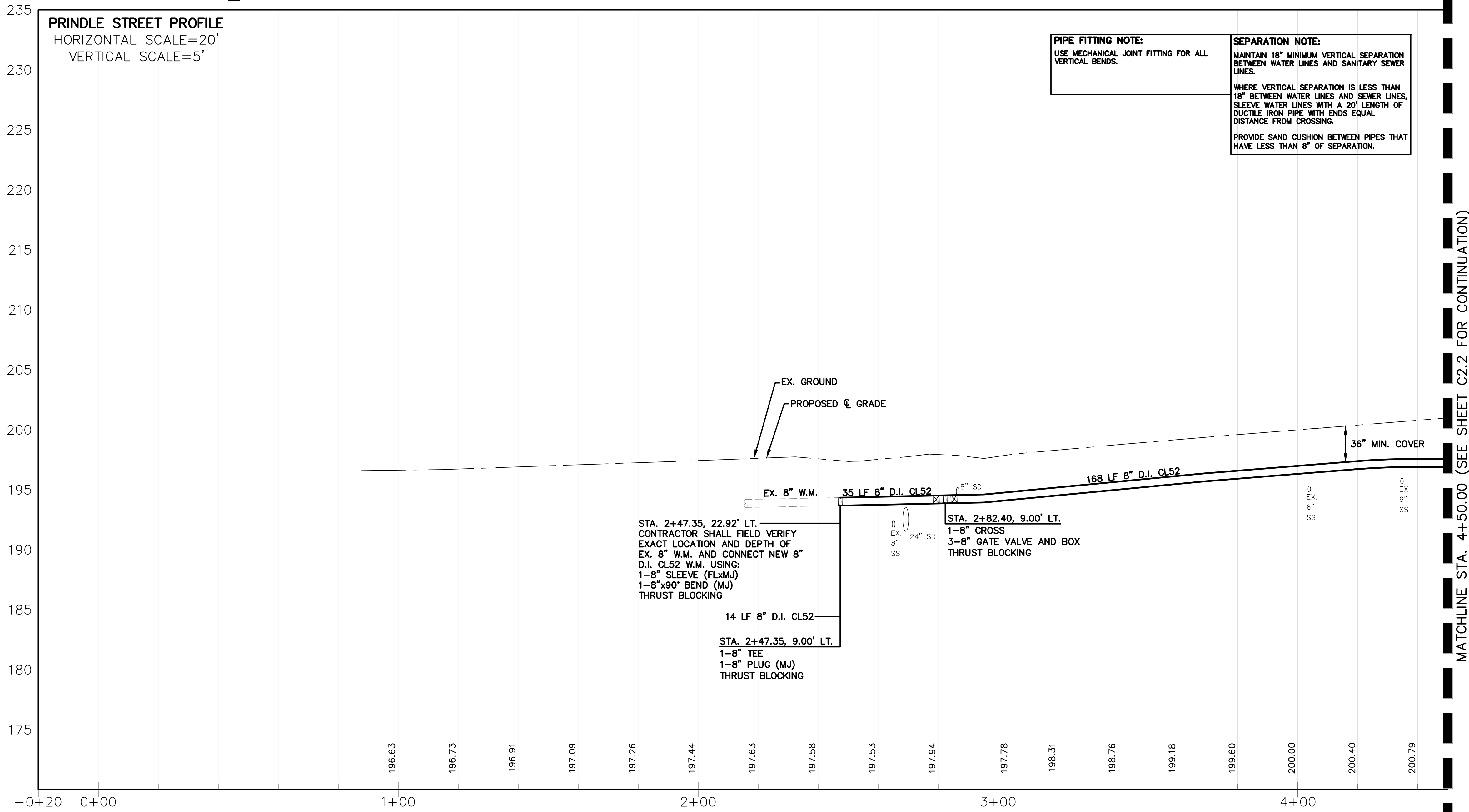
WATER CONSTRUCTION NOTES

- 1 CONTRACTOR TO POTHOLE ALL POTENTIAL UTILITY CONFLICTS TO FIELD DETERMINE THE DEPTH AND LOCATION OF EXISTING UTILITY.
- 2 CONTRACTOR SHALL PLUG AND ABANDON EXISTING WATER MAIN AFTER MAKING CONNECTION TO EXISTING MAIN.
- 3 PROVIDE NEW DUCTILE IRON WATER MAIN PER CITY STANDARD DETAILS AND SPECIFICATIONS.
- 4 AFTER PRESSURE AND PURITY TEST, AND ACCEPTANCE, CONNECT TO EXISTING SYSTEM.
- 5 STA. 2+47.35, 9.00' LT.
1-8" TEE
1-8" PLUG
THRUST BLOCKING

NW PACIFIC AVE.
(SEE SHEET C2.4 FOR CONTINUATION)

MATCHLINE STA. 4+50.00
(SEE SHEET C2.2 FOR CONTINUATION)

PRINDLE STREET PROFILE
HORIZONTAL SCALE=20'
VERTICAL SCALE=5'



PIPE FITTING NOTE:
USE MECHANICAL JOINT FITTING FOR ALL VERTICAL BENDS.

SEPARATION NOTE:
MAINTAIN 18" MINIMUM VERTICAL SEPARATION BETWEEN WATER LINES AND SANITARY SEWER LINES.

WHERE VERTICAL SEPARATION IS LESS THAN 18" BETWEEN WATER LINES AND SEWER LINES, SLEEVE WATER LINES WITH A 20' LENGTH OF DUCTILE IRON PIPE WITH ENDS EQUAL DISTANCE FROM CROSSING.

PROVIDE SAND CUSHION BETWEEN PIPES THAT HAVE LESS THAN 8" OF SEPARATION.

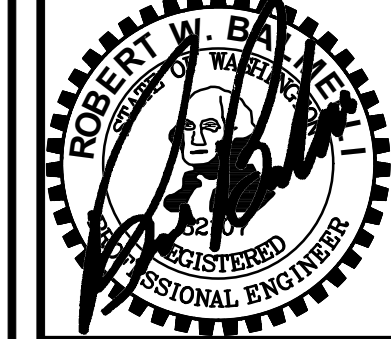
MATCHLINE STA. 4+50.00 (SEE SHEET C2.2 FOR CONTINUATION)

NO.	DATE	REVISION

DESIGNED BY: RWB
DRAWN BY: CES
CHECKED BY: RWB
DATE: 1/28/2021
SCALE: 1" = 20'

**NW PACIFIC AVE
RECONSTRUCTION**
WA.
CHEHALIS

**NW PRINDLE WATER MAIN
PLAN AND PROFILE**

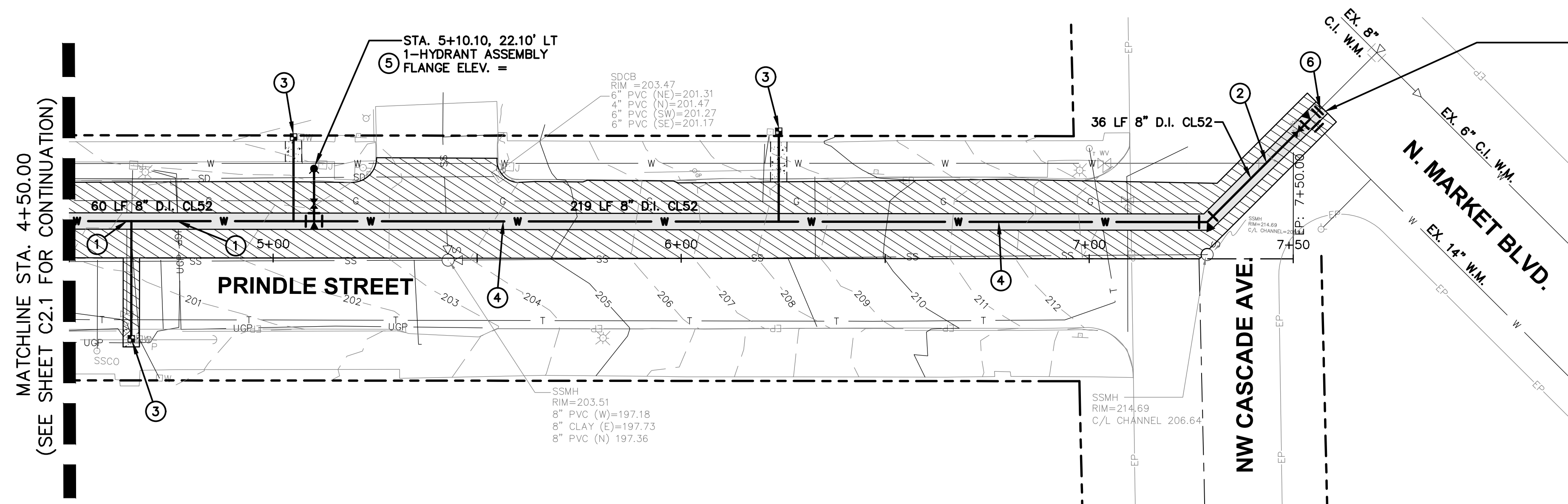


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P.O. Box 923
CHEHALIS, WA 98532
OFF: (360) 740-8919
EMAIL: info@rbengineering.com

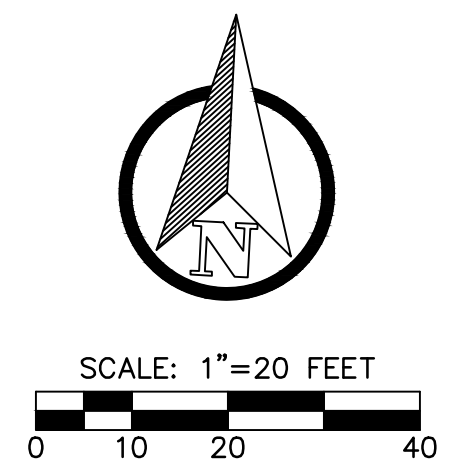
811 Know what's below. Call 811 before you dig.

APPROVED FOR CONSTRUCTION
BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS
APPROVAL EXPIRES: _____ P.W.# _____

JOB NUMBER
18073
DRAWING NAME
18073_C2.1_WPP
C2.1
14 OF 26



CONTRACTOR SHALL FIELD VERIFY EXISTING 8\"/>

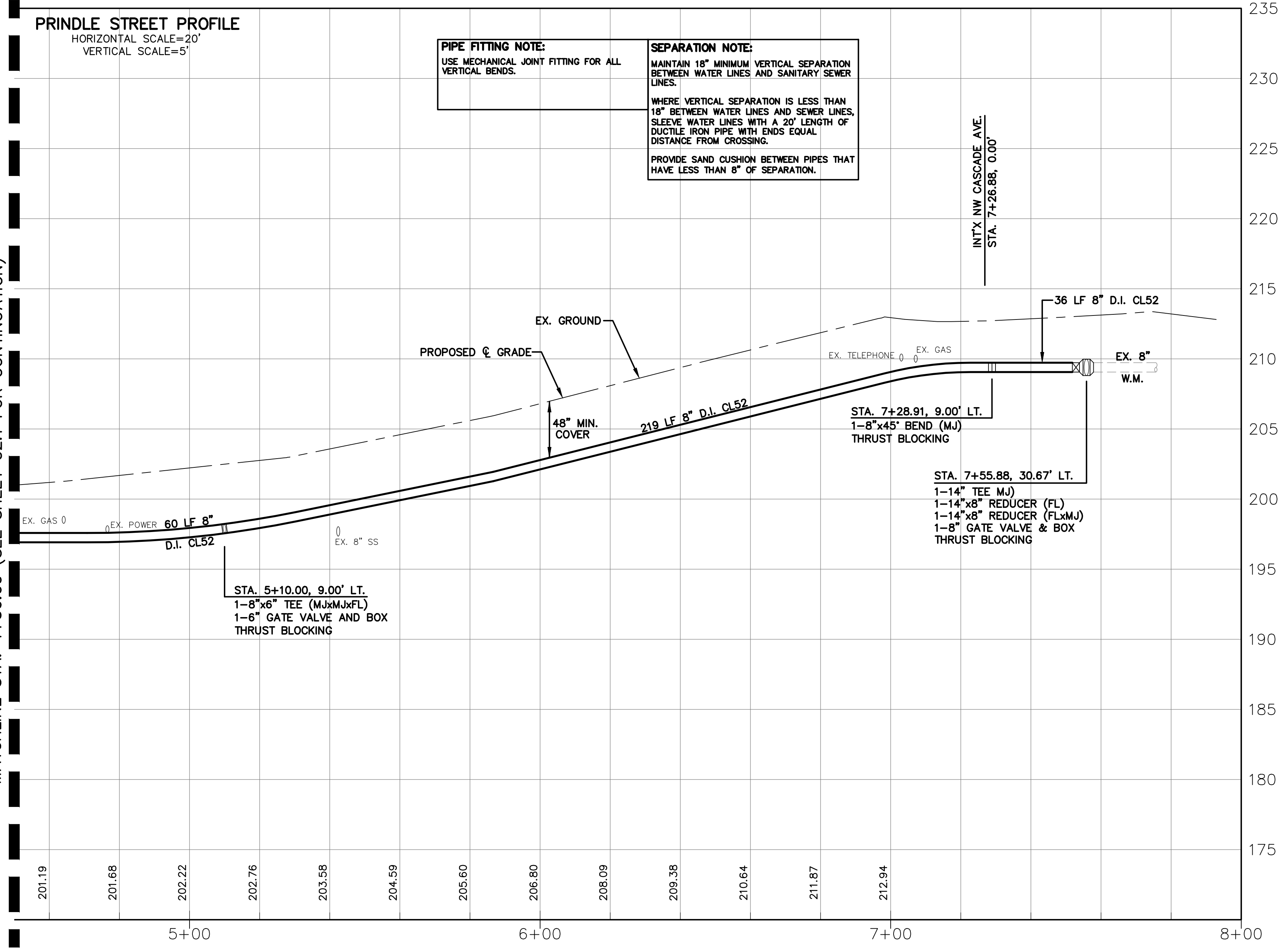


WATER CONSTRUCTION NOTES

- ① CONTRACTOR TO POTHOLE ALL POTENTIAL UTILITY CONFLICTS TO FIELD DETERMINE THE DEPTH AND LOCATION OF EXISTING UTILITY.
- ② CONTRACTOR SHALL PLUG AND ABANDONE EXISTING WATER MAIN AFTER MAKING CONNECTION TO EXISTING MAIN.
- ③ CONTRACTOR TO REPLACE EXISTING 3 / 4 IN. METER AND SERVICE LINE AND RECONNECT TO EXISTING CUSTOMER LINE ON CUSTOMER SIDE OF METER SETTER. SET METER BOX FLUSH TO NEW CONCRETE SIDEWALK GRADE.
- ④ PROVIDE NEW DUCTILE IRON WATER MAIN PER CITY STANDARD DETAILS AND SPECIFICATIONS.
- ⑤ PROVIDE NEW FIRE HYDRANT ASSEMBLY PER STANDARD DETAILS.
- ⑥ AFTER PRESSURE AND PURITY TEST, AND ACCEPTANCE, CONNECT TO EXISTING SYSTEM.

MATCHLINE STA. 4+50.00 (SEE SHEET C2.1 FOR CONTINUATION)

PRINDLE STREET PROFILE
HORIZONTAL SCALE=20'
VERTICAL SCALE=5'

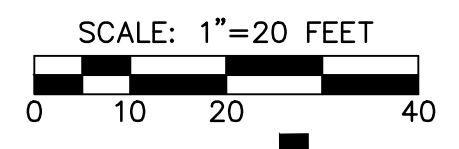
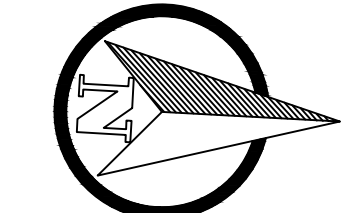


PIPE FITTING NOTE:
USE MECHANICAL JOINT FITTING FOR ALL VERTICAL BENDS.

SEPARATION NOTE:
MAINTAIN 18\"/>

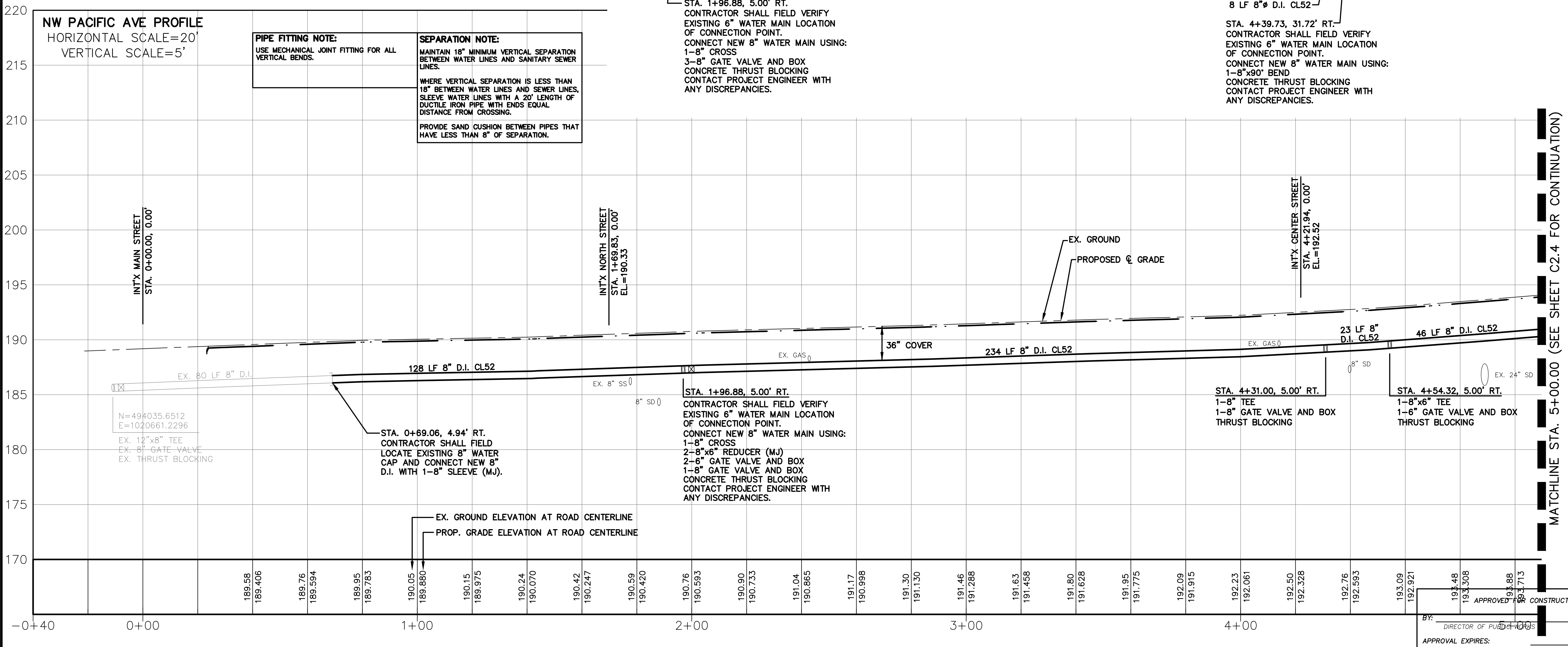
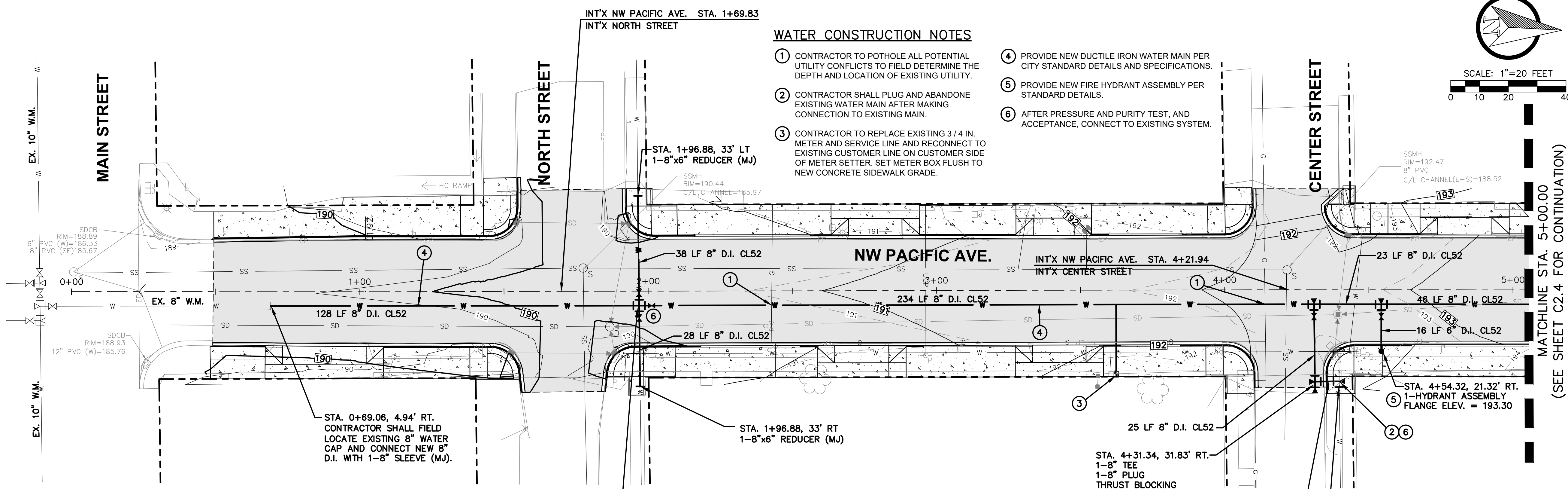
APPROVED FOR CONSTRUCTION
BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS
APPROVAL EXPIRES: _____ P.W.# _____

NO.	DATE	
DESIGNED BY: <u>RWB</u>	CES	
DRAWN BY: _____	RWB	
CHECKED BY: _____	1/28/2021	SCALE: 1" = 20'
<p>NW PACIFIC AVE RECONSTRUCTION</p> <p>NW PRINDLE WATER MAIN PLAN AND PROFILE</p>		
<p>RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8919 EMAIL: info@rbengineers.com</p>		
<p>811 Know what's below. Call 811 before you dig.</p>		
<p>JOB NUMBER: 18073 DRAWING NAME: 18073_C2.2_WPP C2.2 15 OF 26</p>		



WATER CONSTRUCTION NOTES

- CONTRACTOR TO POTHOLE ALL POTENTIAL UTILITY CONFLICTS TO FIELD DETERMINE THE DEPTH AND LOCATION OF EXISTING UTILITY.
- CONTRACTOR SHALL PLUG AND ABANDONE EXISTING WATER MAIN AFTER MAKING CONNECTION TO EXISTING MAIN.
- CONTRACTOR TO REPLACE EXISTING 3/4 IN. METER AND SERVICE LINE AND RECONNECT TO EXISTING CUSTOMER LINE ON CUSTOMER SIDE OF METER SETTER. SET METER BOX FLUSH TO NEW CONCRETE SIDEWALK GRADE.
- PROVIDE NEW DUCTILE IRON WATER MAIN PER CITY STANDARD DETAILS AND SPECIFICATIONS.
- PROVIDE NEW FIRE HYDRANT ASSEMBLY PER STANDARD DETAILS.
- AFTER PRESSURE AND PURITY TEST, AND ACCEPTANCE, CONNECT TO EXISTING SYSTEM.



NW PACIFIC AVE PROFILE
 HORIZONTAL SCALE=20'
 VERTICAL SCALE=5'

PIPE FITTING NOTE:
 USE MECHANICAL JOINT FITTING FOR ALL VERTICAL BENDS.

SEPARATION NOTE:
 MAINTAIN 18" MINIMUM VERTICAL SEPARATION BETWEEN WATER LINES AND SANITARY SEWER LINES.
 WHERE VERTICAL SEPARATION IS LESS THAN 18" BETWEEN WATER LINES AND SEWER LINES, SLEEVE WATER LINES WITH A 20' LENGTH OF DUCTILE IRON PIPE WITH ENDS EQUAL DISTANCE FROM CROSSING.
 PROVIDE SAND CUSHION BETWEEN PIPES THAT HAVE LESS THAN 8" OF SEPARATION.

STA. 1+96.88, 5.00' RT.
 CONTRACTOR SHALL FIELD VERIFY EXISTING 6" WATER MAIN LOCATION OF CONNECTION POINT.
 CONNECT NEW 8" WATER MAIN USING:
 1-8" CROSS
 3-8" GATE VALVE AND BOX
 CONCRETE THRUST BLOCKING
 CONTACT PROJECT ENGINEER WITH ANY DISCREPANCIES.

STA. 4+39.73, 31.72' RT.
 CONTRACTOR SHALL FIELD VERIFY EXISTING 6" WATER MAIN LOCATION OF CONNECTION POINT.
 CONNECT NEW 8" WATER MAIN USING:
 1-8"x90" BEND
 CONCRETE THRUST BLOCKING
 CONTACT PROJECT ENGINEER WITH ANY DISCREPANCIES.

NO.	DATE	REVISION
DESIGNED BY:	RWB	CES
DRAWN BY:	RWB	CES
CHECKED BY:	RWB	CES
DATE:	1/28/2021	SCALE: 1" = 20'

WA.
CHEHALIS
 NW PACIFIC AVE
 RECONSTRUCTION

ROBERT W. BAKER
 REGISTERED PROFESSIONAL ENGINEER

RB Engineering
 DESIGN - PERMIT - MANAGE
 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8919
 EMAIL: info@rbengineers.com

811 Know what's below. Call 811 before you dig.

JOB NUMBER: 18073
 DRAWING NAME: 18073_C2.3_WPP
C2.3
 16 OF 26

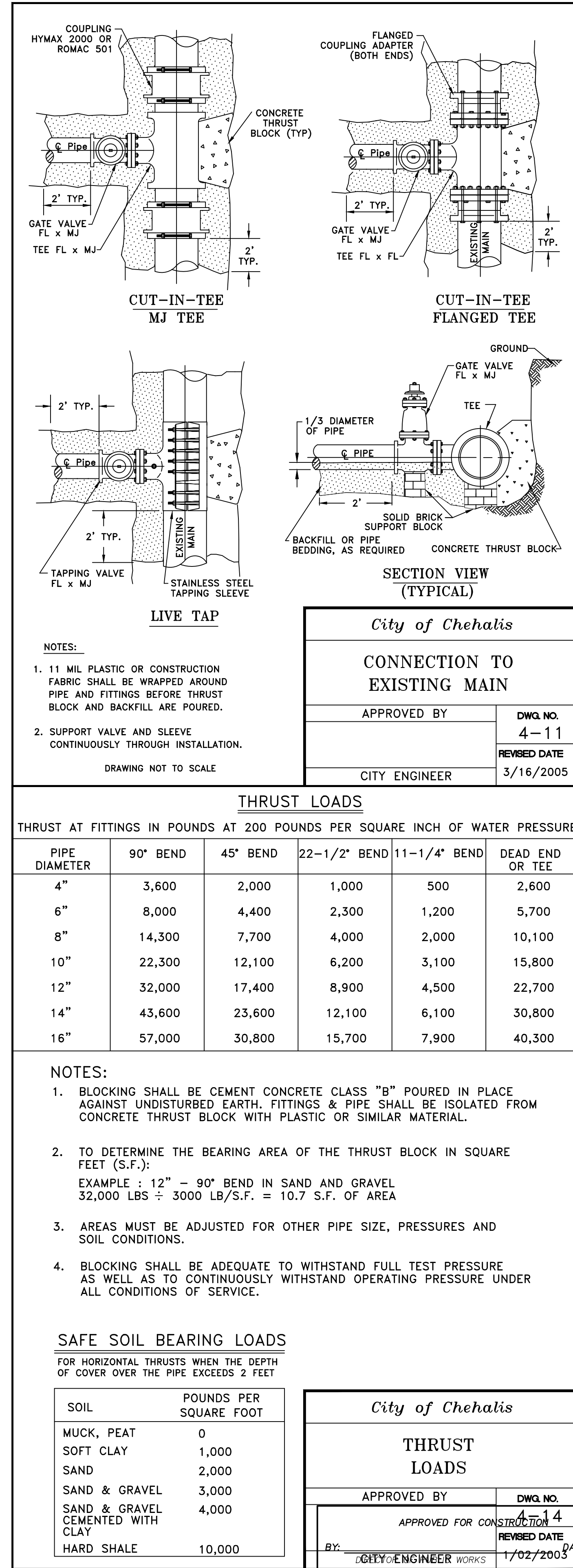
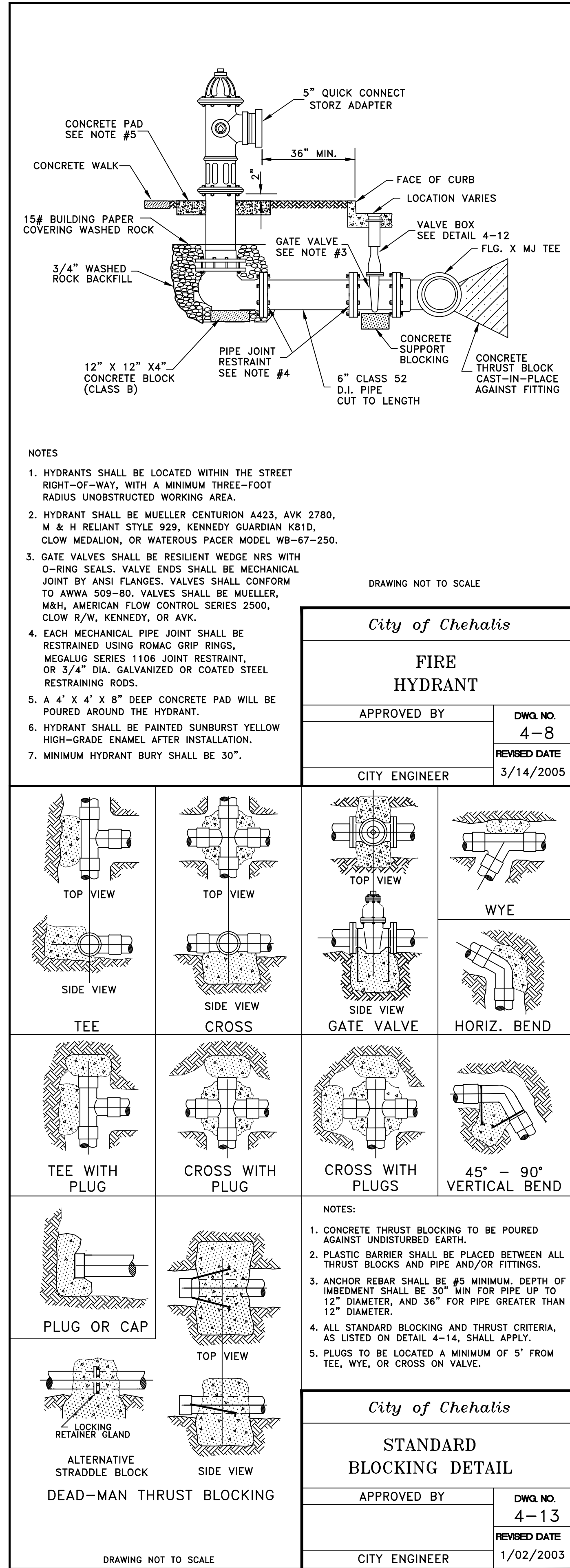
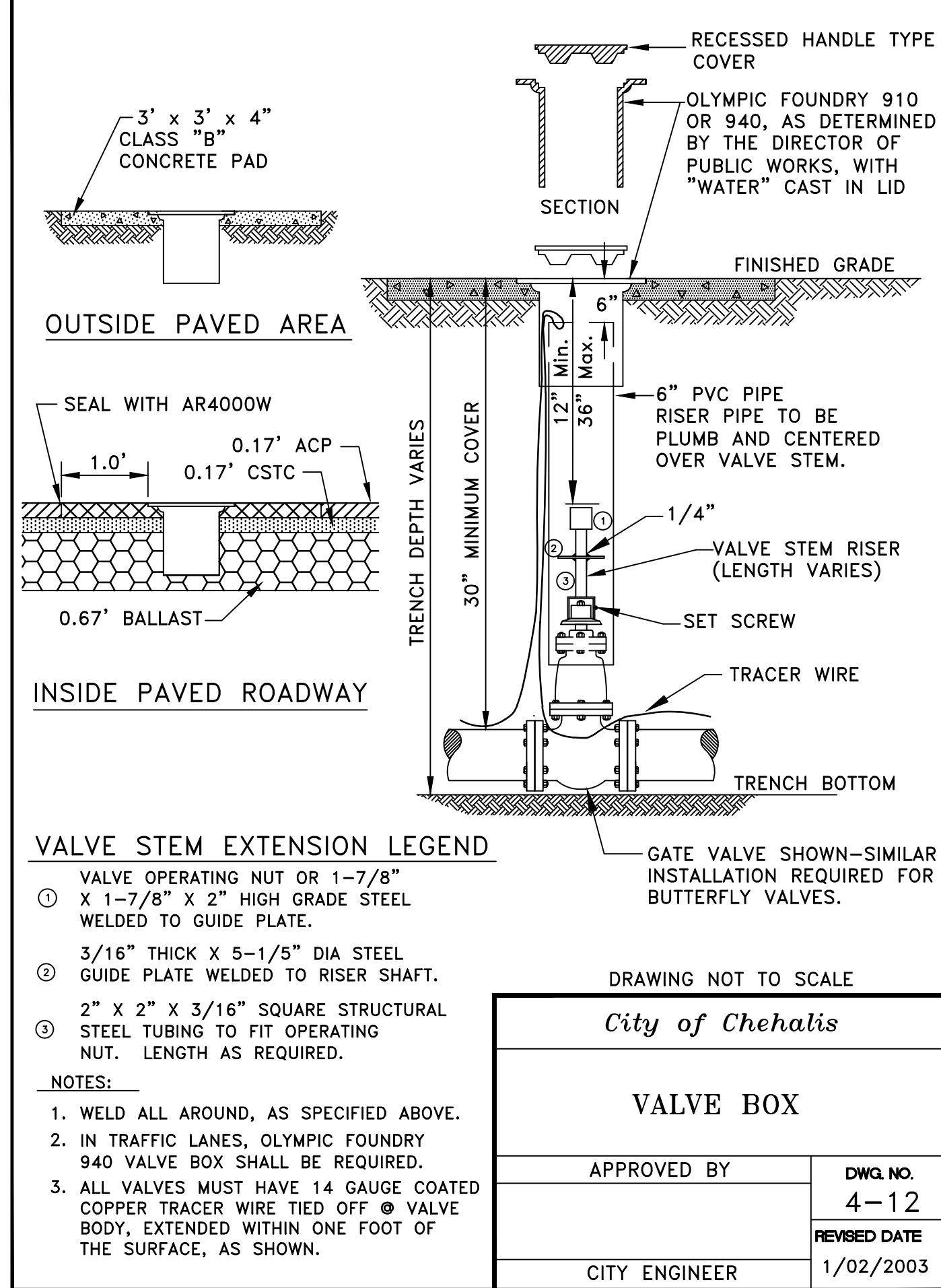
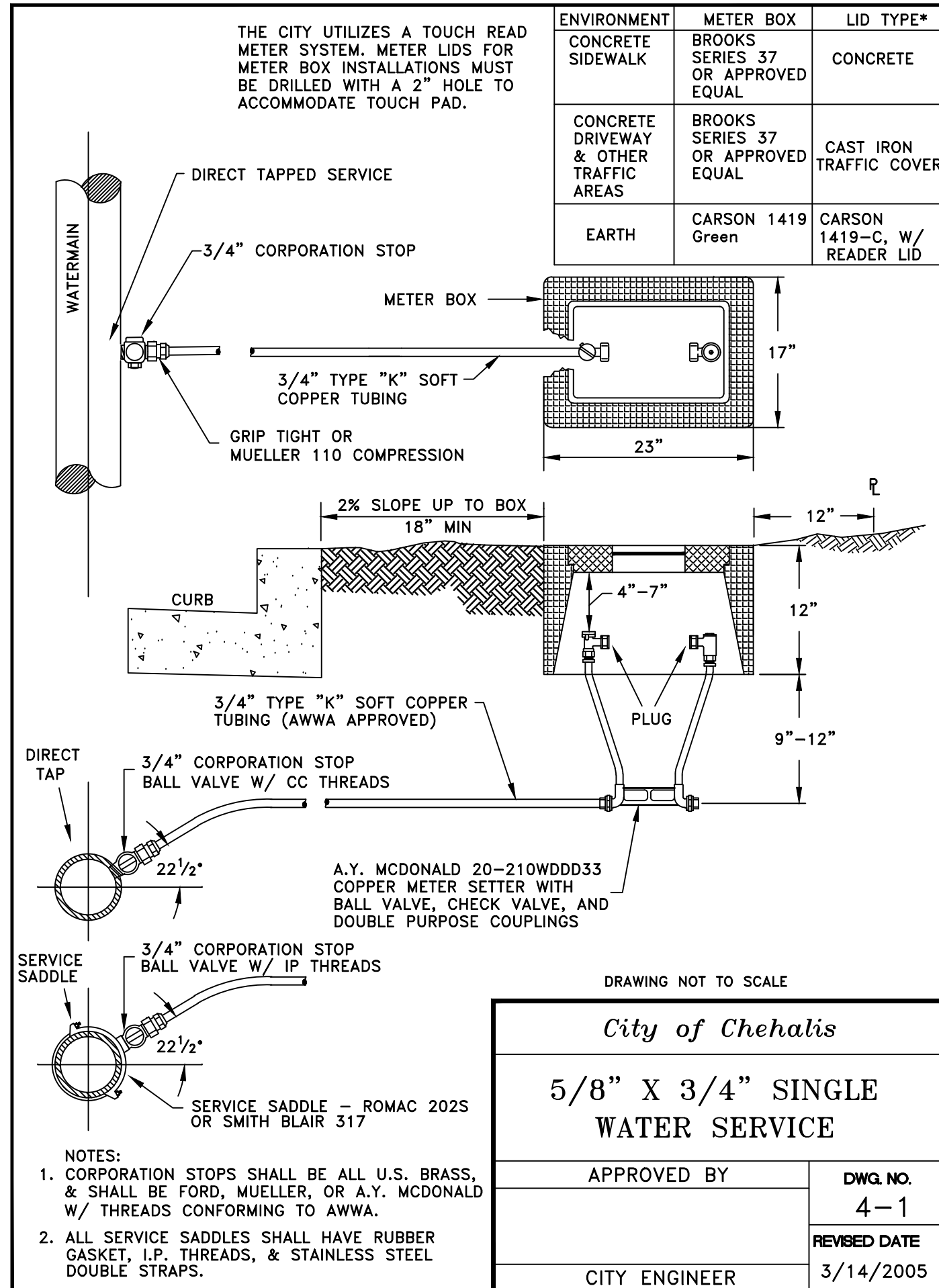
APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 APPROVAL EXPIRES: _____ P/W# _____

GENERAL NOTES (WATERMAIN INSTALLATION)

- ALL WORKMANSHIP AND MATERIAL WILL BE IN ACCORDANCE WITH CITY OF CHEHALIS STANDARDS AND THE MOST RECENT COPY OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS AND ANSI/NSF STANDARD 60 OR 61.
- A PRE-CONSTRUCTION MEETING WILL BE HELD WITH THE PUBLIC WORKS DEPARTMENT PRIOR TO THE START OF CONSTRUCTION.
- ALL WATERMAINS WILL BE DUCTILE IRON CEMENT MORTAR LINED THICKNESS CLASS 52.
- GATE VALVES WILL BE RESILIENT WEDGE, NRS (NON-RISING STEM) WITH O-RINGS SEALS. VALVE ENDS WILL BE MECHANICAL JOINT OR ANSI FLANGES. VALVES WILL CONFORM TO AWWA 509-80. VALVES WILL BE MUELLER, M&H, KENNEDY, CLOW R/W OR WATEROUS SERIES 500. EXISTING VALVES AND ALL VALVES INSTALLED DIRECTLY TO AND CONNECTED TO A PORTION OF THE ACTIVE WATER SYSTEM ARE TO BE OPERATED BY CITY EMPLOYEES **ONLY**.
- FIRE HYDRANTS WILL BE MUELLER CENTURION A-423, M&H RELIANT STYLE 129, CLOW MEDALLION, OR KENNEDY GUARDIAN K81D. HYDRANTS WILL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE UNIFORM FIRE CODE. HYDRANTS WILL BE BAGGED AND THE CONNECTING GATE VALVES LEFT CLOSED UNTIL THE SYSTEM HAS BEEN APPROVED. HYDRANTS MUST BE PAINTED WITH SUNBURST YELLOW HIGH-GRADE ENAMEL AFTER INSTALLATION.
- ALL LINES WILL BE CHLORINATED AND TESTED IN CONFORMANCE WITH THE ABOVE REFERENCED SPECIFICATIONS. (SEE NOTE 1)
- ALL PIPES AND SERVICES WILL BE INSTALLED WITH CONTINUOUS TRACER TAPE PLACED TWELVE (12) TO EIGHTEEN (18) INCHES UNDER THE PROPOSED FINISHED SUBGRADE. THE MARKER WILL BE OF PLASTIC NON-BIODEGRADABLE, METAL CORE, OR BACKING MARKED "WATER" THAT CAN BE DETECTED BY A STANDARD METAL DETECTOR. TAPE WILL BE TERRA TAPE "D" OR APPROVED EQUAL. IN ADDITION TO TRACER TAPE, TONING WIRE WILL BE INSTALLED OVER ALL PIPE AND SERVICES. TONING WIRE WILL BE UL LISTED, TYPE UF, FOURTEEN (14) GAUGE SOLID COATED COPPER WIRE, TAPED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT DURING BACKFILLING AND LAID LOOSE ENOUGH TO PREVENT STRETCHING AND DAMAGE BEFORE BEING BROUGHT UP AND TIED OFF AT THE VALVE OPERATING NUT OR VALVE BOX. IF THE OPERATING NUT IS NOT EASILY ACCESSIBLE FROM THE GROUND SURFACE, THE COPPER WIRE WILL BE TIED OFF AT THE VALVE BOX IN SUCH A WAY THAT THE WIRE IS EASILY ACCESSIBLE FROM THE GROUND SURFACE. TWO (2) FEET OF SLACK WILL BE PROVIDED TO ALLOW FOR CONNECTION TO THE LOCATOR.

A 1-LB MAGNESIUM ANODE WILL BE BURIED WITH THE PIPE EVERY 1,000 LINEAR FEET MAXIMUM FOR CATHODIC PROTECTION OF THE TONING WIRE. TONING WIRE SPLICES AND CONNECTIONS TO ANODES WILL JOIN WIRES BOTH MECHANICALLY AND ELECTRICALLY AND WILL EMPLOY EPOXY RESIN OR HEAT-SHRINK TAPE INSULATION. TONING WIRE WILL BE TESTED PRIOR TO ACCEPTANCE OF THE PIPE SYSTEM. A WRITTEN NOTICE FROM THE CONTRACTOR TO THE CITY MUST BE RECEIVED TWO (2) BUSINESS DAYS PRIOR TO WHEN TESTING IS REQUIRED.

- THE CONTRACTOR WILL PROVIDE TRAFFIC CONTROL PLAN(S) AS REQUIRED IN ACCORDANCE WITH MUTCD.
- ALL WATERMAINS WILL BE STAKED FOR GRADES AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK. STAKING WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- ALL SERVICE LINES AND WATER VALVE LOCATIONS WILL BE MARKED ON THE FACE OF THE ADJACENT CURB WITH A "W" OR "WV" EMBOSSED 1/2 INCH INTO THE CONCRETE.
- ALL WATER SYSTEM CONNECTIONS SERVING BUILDINGS OF PROPERTIES WITH DOMESTIC POTABLE WATER, FIRE SPRINKLER OR IRRIGATIONS SYSTEMS WILL COMPLY WITH THE MINIMUM BACKFLOW PREVENTION REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF HEALTH (DOH) AND THE CITY OF CHEHALIS CROSS-CONNECTION CONTROL PROGRAM.
- CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO ANY EXCAVATIONS.
- THE CITY WILL BE NOTIFIED FIVE (5) BUSINESS DAYS PRIOR TO SCHEDULING A WATER SYSTEM SHUTDOWN. THE CITY'S WATER DIVISION WILL PERFORM ALL WATER SYSTEM SHUTDOWNS. WHEN CONNECTIONS REQUIRE "FIELD VERIFICATION", CONNECTION POINTS WILL BE EXPOSED BY THE CONTRACTOR AND FITTING VERIFIED BY THE CITY TWO (2) BUSINESS DAYS PRIOR TO THE DISTRIBUTION OF SHUTDOWN NOTICES. CUSTOMERS INVOLVED WITH OR AFFECTED BY WATER SERVICE INTERRUPTIONS WILL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE. SHUTDOWNS WILL NOT BE PERMITTED ON FRIDAYS, WEEKENDS, OR HOLIDAYS WITHOUT WRITTEN AUTHORIZATION FROM THE DIRECTOR OF PUBLIC WORKS.
- WHEN CONNECTING TO AN EXISTING WATERLINE WHERE A NEW VALVE IS **NOT** TO BE INSTALLED, THE EXISTING VALVE MUST BE PRESSURE TESTED TO THESE STANDARDS BY THE CONTRACTOR PRIOR TO CONNECTION. IF AN EXISTING VALVE FAILS TO PASS THE TEST, THE CONTRACTOR WILL MAKE THE NECESSARY ADDITIONAL PROVISIONS TO TEST THE NEW LINE PRIOR TO CONNECTING TO THE EXISTING SYSTEM OR WILL INSTALL A NEW VALVE. NEW LINES WILL NOT BE CONNECTED TO THE EXISTING SYSTEM UNTIL ALL REQUIRED TESTS HAVE BEEN PASSED.



REVISION

NO.	DATE

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE:

NW PACIFIC AVE
 RECONSTRUCTION

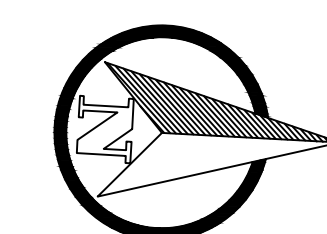
WATER STANDARD DETAILS
 AND NOTES

ROBERT W. BAUER
 PROFESSIONAL ENGINEER

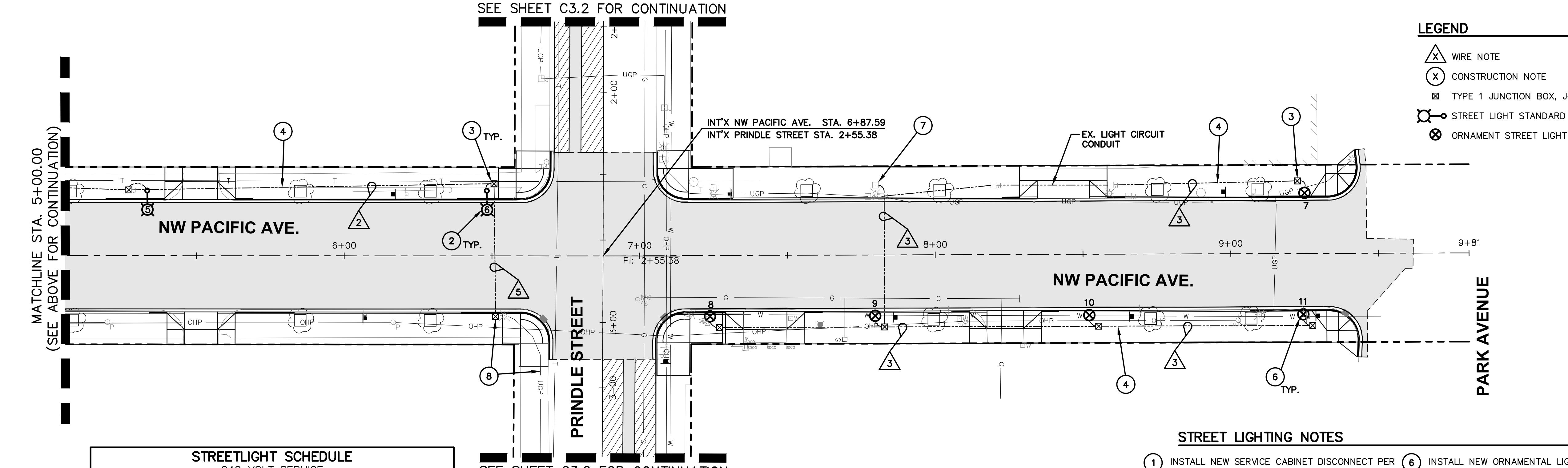
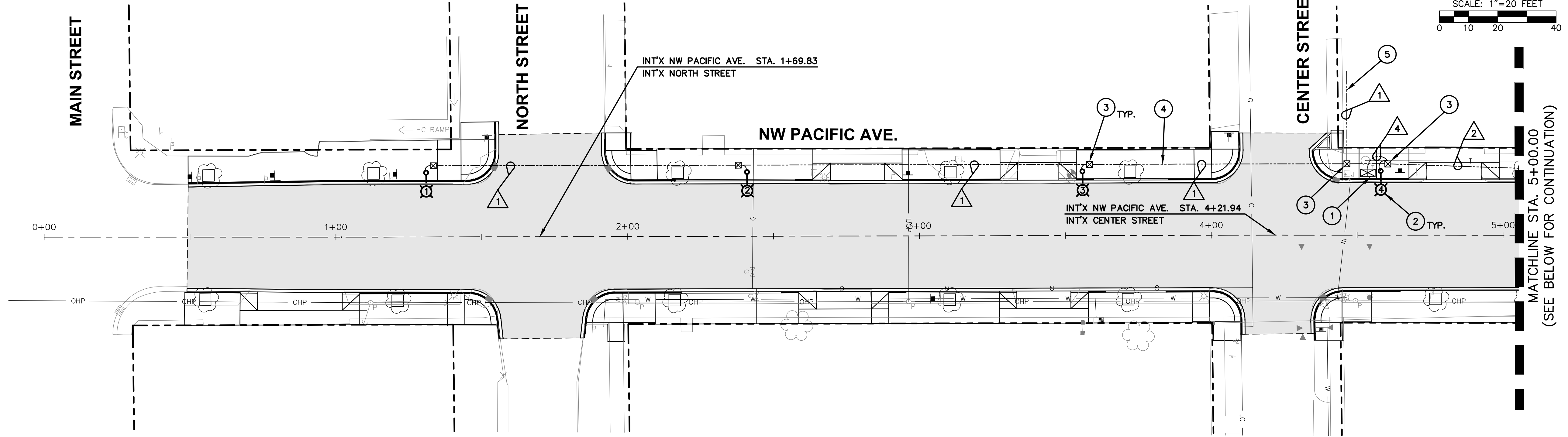
RB Engineering
 DESIGN → PERMIT → MANAGE
 OFF: (360) 740-8819
 EMAIL: info@rbengineering.com
 P.O. Box 923
 CHEHALIS, WA 98532

811 Know what's below. Call 811 before you dig.

JOB NUMBER: 18073
 DRAWING NAME: 18073_C2.5_WSDT
C2.5
 18 OF 26



SCALE: 1"=20 FEET
0 10 20 40



- LEGEND**
- (X) WIRE NOTE
 - (X) CONSTRUCTION NOTE
 - (J) TYPE 1 JUNCTION BOX, J-40.10-03
 - (S) STREET LIGHT STANDARD
 - (O) ORNAMENT STREET LIGHT

STREETLIGHT SCHEDULE
240 VOLT SERVICE

LIGHT STD.	CIRCUIT NO.	WATTAGE	MOUNTING HEIGHT/ ARM LENGTH	STATION, OFFSET	COMMENTS
1	1	130 W	30'/10'	STA. 1+30.97, 22' LT.	HIGH MAST
2	1	130 W	30'/10'	STA. 2+40.95, 22' LT.	HIGH MAST
3	1	130 W	30'/10'	STA. 3+55.92, 22' LT.	HIGH MAST
4	2	130 W	30'/10'	STA. 4+58.07, 22' LT.	HIGH MAST
5	2	130 W	30'/10'	STA. 5+33.34, 22' LT.	HIGH MAST
6	2	130 W	30'/10'	STA. 6+48.25, 22' LT.	HIGH MAST
7	2	80 W	18'	STA. 9+25.03, 20.49' LT.	ORNAMENTAL
8	2	80 W	18'	STA. 7+23.73, 20.59' RT.	ORNAMENTAL
9	2	80 W	18'	STA. 7+79.62, 20.59' RT.	ORNAMENTAL
10	2	80 W	18'	STA. 8+52.07, 20.59' RT.	ORNAMENTAL
11	2	80 W	18'	STA. 9+24.53, 20.59' RT.	ORNAMENTAL

WIRE SCHEDULE

△ RUN NO.	MIN. CONDUIT SIZE	#8 AWG GROUND	#8 AWG	#3 AWG	COMMENTS
1	1-1/4" PVC	1	2		ILLUMINATION
1	1-1/4" PVC	1	2		RECEPTACLE
2	1-1/4" PVC	1	2		ILLUMINATION
2	1-1/4" PVC	1	2		RECEPTACLE
3	1-1/4" PVC	1	2		ILLUMINATION
3	1-1/4" PVC	1	2		RECEPTACLE
4	1-1/4" PVC	(1) #3	2	(3) #3	SERVICE
5	1-1/4" PVC	1	2		PULL STRING

STREET LIGHTING REQUIREMENTS

POLE TYPE, MOUNTING HEIGHTS, ARM LENGTH, POWER SOURCE, LUMINAIRE, AND BOLT PATTERNS SHALL BE AS FOLLOWS:

POLE TYPE: SEE STANDARD LIGHTING NOTES THIS SHEET.
 MOUNTING HEIGHT: 30'
 ARM LENGTH: 10 FT.
 POWER SOURCE: 120/277V, SINGLE PHASE, 3 WIRE
 LUMINAIRE TYPES: LED #XSPLG-D-HT-2ME-18L-40K7-UL-SV-N-Q9
 BOLT PATTERN: 4 BOLT, 11"-12" DIAMETER BOLT CIRCLE
 BASE STYLE: SEE STANDARD LIGHTING NOTES ON THIS SHEET.

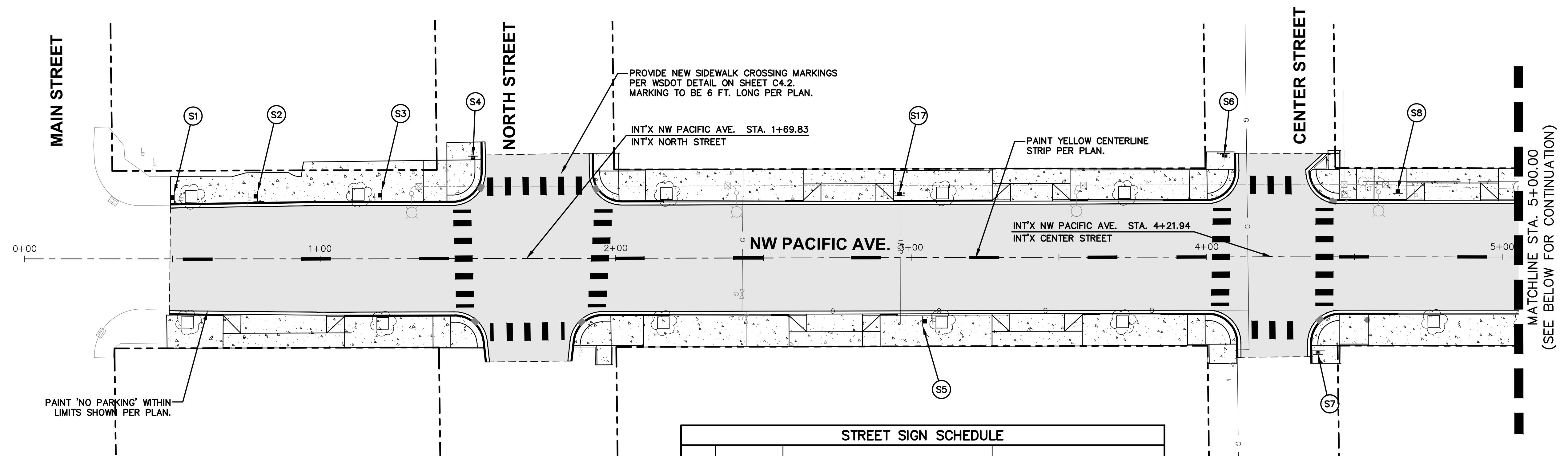
- STREET LIGHTING NOTES**
- INSTALL NEW SERVICE CABINET DISCONNECT PER CITY STANDARD DETAIL. STA 4+53, 22' LT.
 - INSTALL NEW ORNAMENTAL LIGHTING TO MATCH EXISTING STREET LIGHTING. SEE DETAILS ON SHEET C3.2. TYP OF 5.
 - INSTALL STREETLIGHT FOUNDATION, STANDARD, LUMINAIRE AND ASSOCIATED HARDWARE PER DETAILS AND STREET LIGHTING REQUIREMENTS ON THIS SHEET. SEE STREETLIGHT SCHEDULE THIS SHEET FOR STREETLIGHT PLACEMENT. (TYP)
 - INSTALL TYPE 1 JUNCTION BOXES WITHIN 6' OF POLE. SEE WSDOT STANDARD PLAN J-40.10-03. OFFSET SHALL BE 24 FEET LT OF ROAD CENTERLINE.
 - INSTALL LIGHTING CONDUIT PER WIRE SCHEDULE THIS SHEET.
 - LOCATE AND CONNECT TO EXISTING CONDUIT TO SERVE STREET LIGHT TO THE WEST ALONG CENTER STREET.
 - INSTALL NEW ORNAMENTAL LIGHTING TO MATCH EXISTING STREET LIGHTING. SEE DETAILS ON SHEET C3.2. TYP OF 5.
 - CONNECT TO EXISTING LIGHT SERVICE AT JUNCTION BOX FOR NEW ORNAMENTAL STREET LIGHTS.
 - EXTEND EXISTING UGP TO NEW J-BOX. TERMINATE LINE IN J-BOX.

APPROVED FOR CONSTRUCTION

BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS

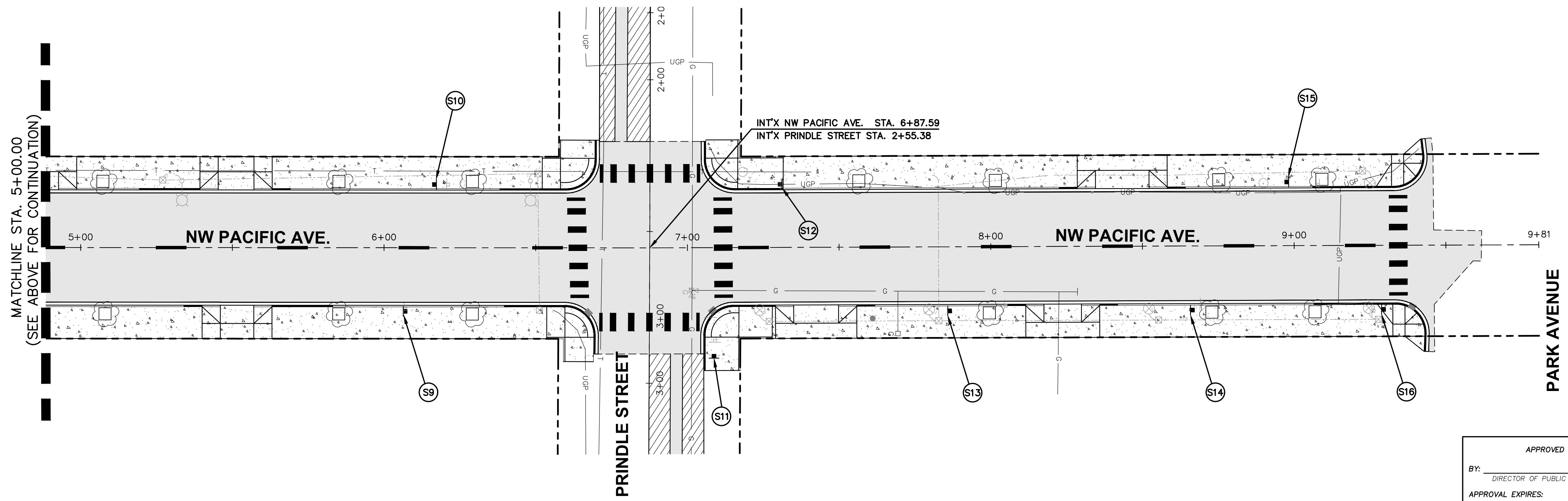
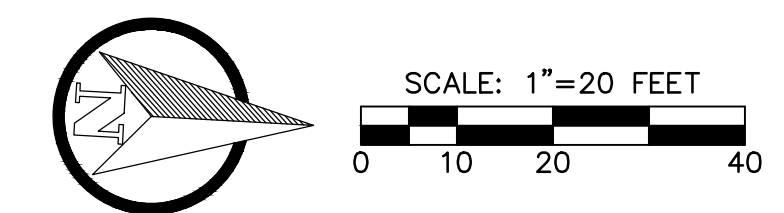
APPROVAL EXPIRES: _____ P# _____

NO.	DATE	DESIGNED BY: RWB	DRAWN BY: CES	CHECKED BY: RWB	DATE: 1/28/2021	SCALE: 1" = 20'
NW PACIFIC AVE RECONSTRUCTION						
NW PACIFIC AVE. LIGHTING PLAN						
RB Engineering DESIGN → PERMIT → MANAGE <small>P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: info@rbengineering.com</small>						
JOB NUMBER: 18073 DRAWING NAME: 18073_C3.1_SLPL C3.1 19 OF 26						



STREET SIGN SCHEDULE

SIGN NO.	STATION/OFFSET	DESCRIPTION	SIGN SUPPORT TYPE
S1	0+50/21' LT	RE-INSTALL STOP/STREET NAME SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S2	0+75/21' LT	RE-INSTALL NO PARKING/LOADING ZONE	2" SQUARE 14 GAUGE STEEL TUBE
S3	1+18/21' LT	RE-INSTALL HANDICAP PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S4	1+52/34' LT	RE-INSTALL STOP/STREET NAME SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S5	3+05/21' RT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S6	4+07/34' LT	RE-INSTALL STOP/STREET NAME SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S7	4+37/34' RT	RE-INSTALL STOP/DO NOT ENTER/STREET NAME	2" SQUARE 14 GAUGE STEEL TUBE
S8	4+65/21' LT	RE-INSTALL COURT HOUSE PARKING ONLY	2" SQUARE 14 GAUGE STEEL TUBE
S9	6+08/21' RT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S10	6+20/21' LT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S11	7+08/36' RT	RE-INSTALL STOP/STREET NAME SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S12	7+30/21' LT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S13	7+87/21' RT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S14	8+65/21' RT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S15	8+97/21' LT	RE-INSTALL 2HR PARKING SIGN	2" SQUARE 14 GAUGE STEEL TUBE
S16	9+30/21' RT	RE-INSTALL STOP/STREET NAME/NO LEFT TURNS	2" SQUARE 14 GAUGE STEEL TUBE
S17	2+97/21' LT	RE-INSTALL ONE WAY/DO NOT ENTER	2" SQUARE 14 GAUGE STEEL TUBE



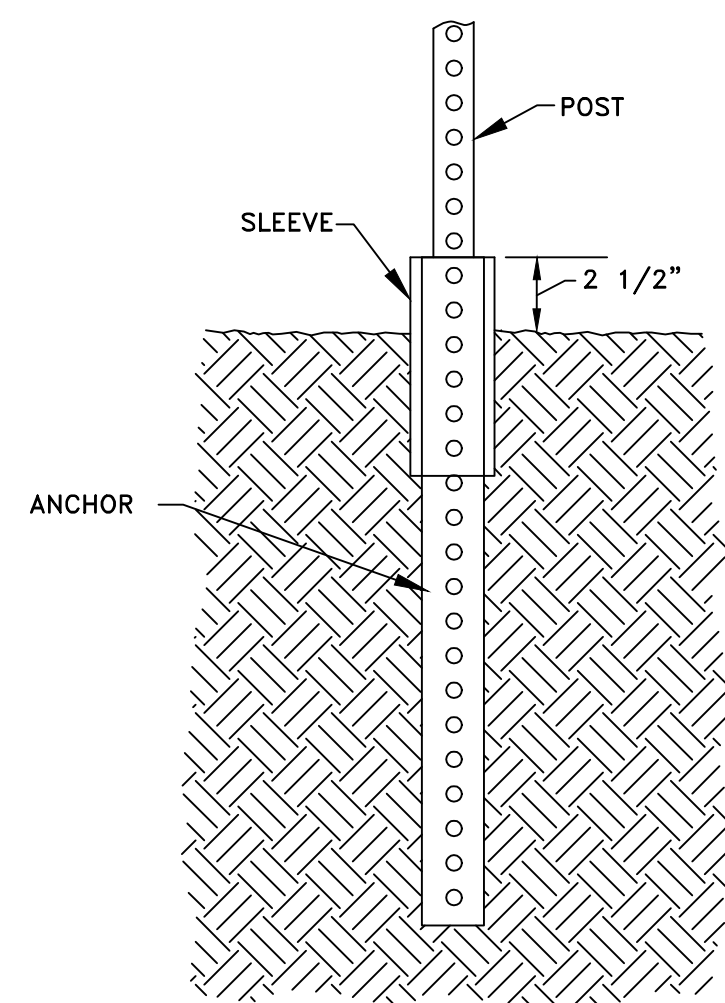
APPROVED FOR CONSTRUCTION

BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS

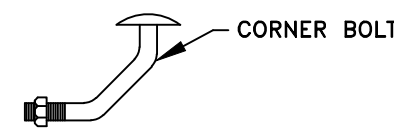
APPROVAL EXPIRES: _____ P.W.# _____

NO. _____ DATE _____ DESIGNED BY: <u>RWB</u> DRAWN BY: <u>CES</u> CHECKED BY: <u>RWB</u> DATE: <u>1/28/2021</u> SCALE: <u>1" = 20'</u>	NW PACIFIC AVE RECONSTRUCTION	NW PACIFIC AVE. SIGN AND PAVEMENT MARKING PLAN		RB Engineering DESIGN → PERMIT → MANAGE P.O. Box 923 CHEHALIS, WA 98532 OFF: (360) 740-8819 EMAIL: info@rbengineering.com
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JOB NUMBER: 18073 DRAWING NAME: 18073_C4.1_PP C4.1 21 OF 26				

2 PIECE BREAKAWAY ANCHOR



	SIZE	THICKNESS	LENGTH
POST	2"	14 gauge	as required
ANCHOR	2-1/4"	12 gauge	36"
SLEEVE	2-1/2"	12 gauge	12"



NOTES:

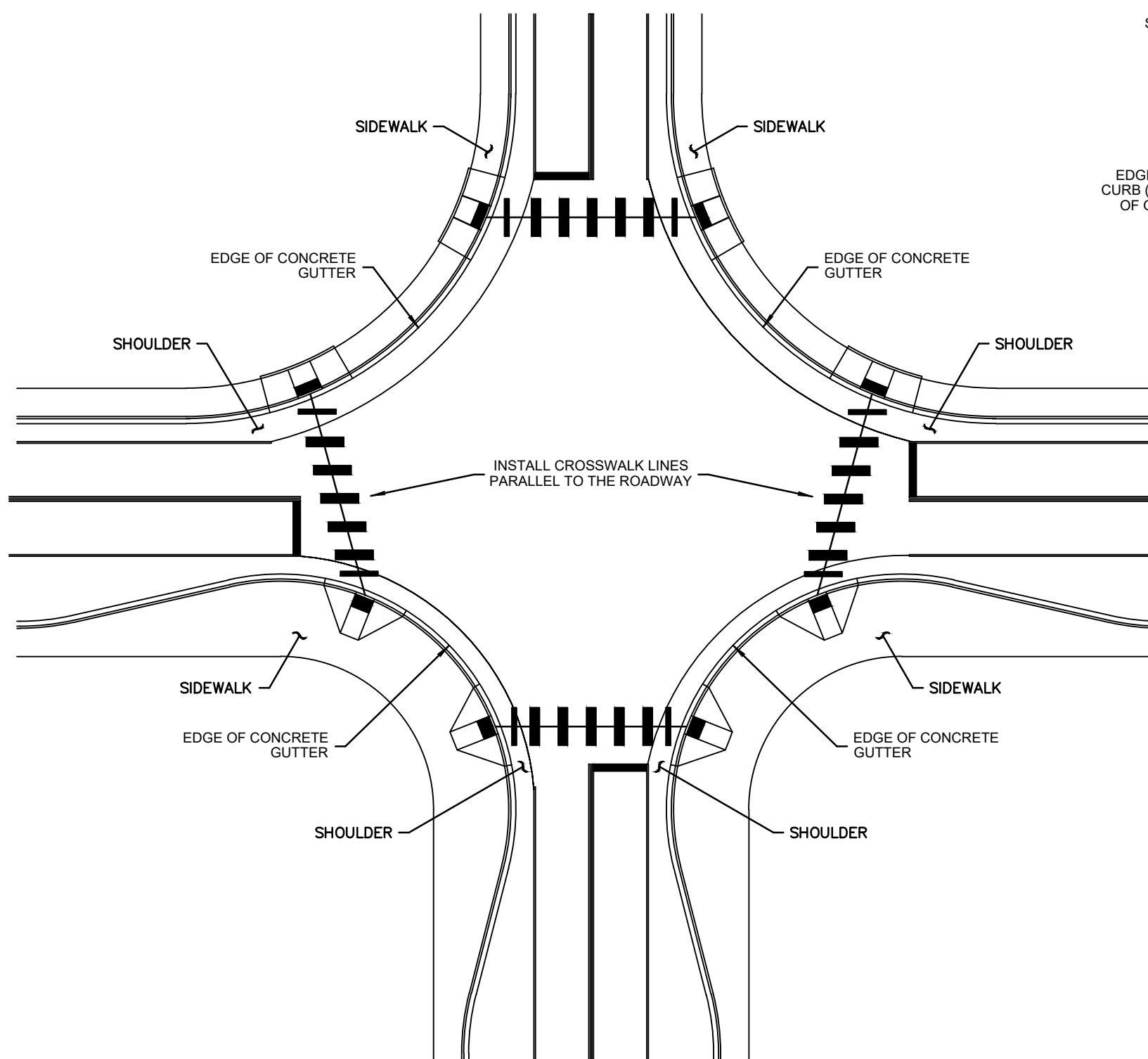
- SIGN PLACEMENT LOCATIONS MUST BE APPROVED BY THE PUBLIC WORKS DEPARTMENT.
- SIGNS ARE TO BE MOUNTED USING 3/8" ALUMINUM DRIVE RIVETS.
- POSTS ARE TO BE INSTALLED USING 5/16" CORNER BOLTS (shown above).
- POSTS, SLEEVES, AND ANCHORS ARE TO BE CONSTRUCTED OF PERFORATED, PRE-PUNCHED GALVANIZED SQUARE TUBE.

Drawing Not to Scale

City of Chehalis

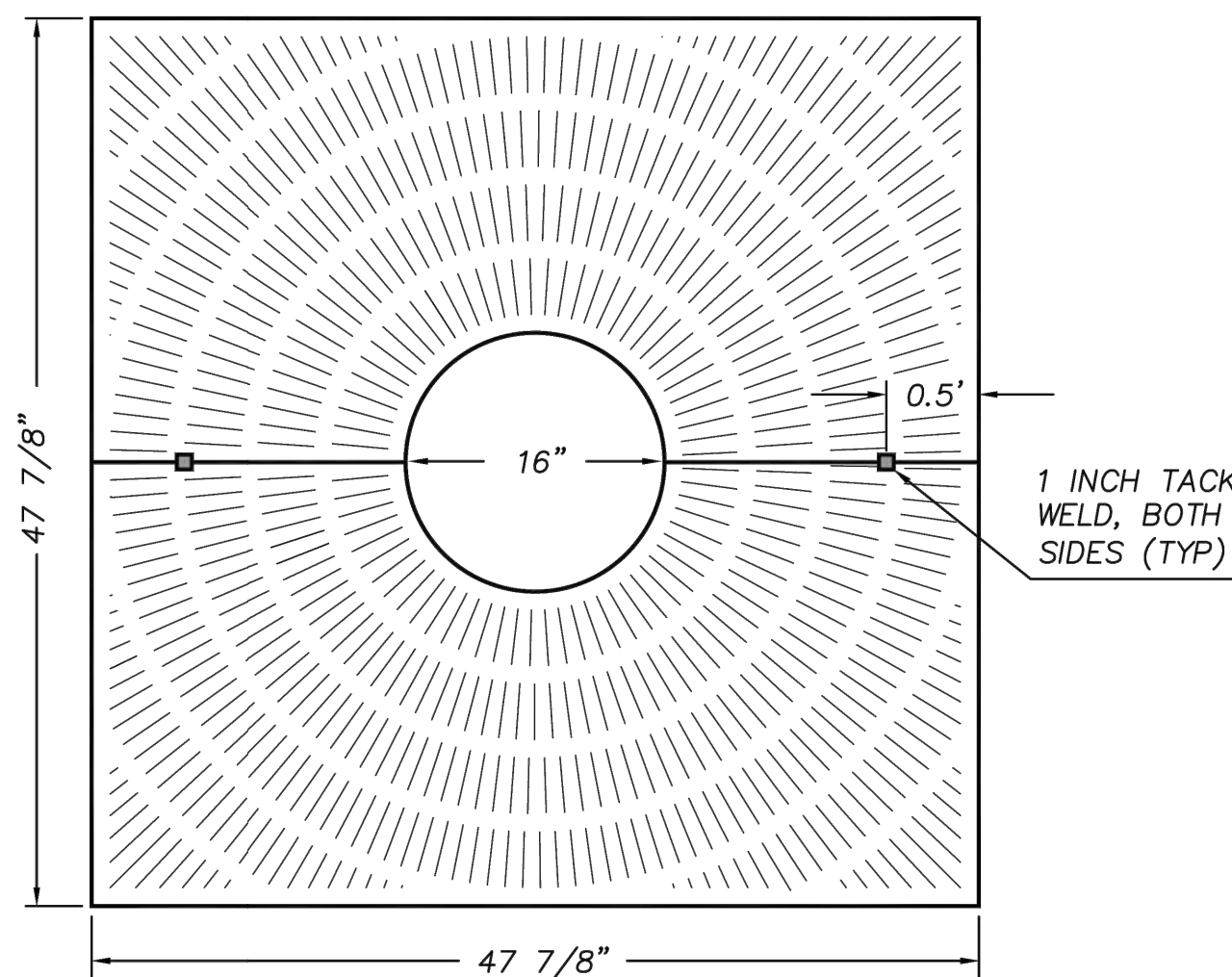
**STEEL SIGN POST
BASE CONNECTION**

APPROVED BY	DWG. NO.
	2-26
REVISIED DATE	
CITY ENGINEER	3/02/2005



- See the Contract Plans for locations of crosswalk centerlines.
- To the maximum extent possible, curb ramp centerline should be perpendicular to the crosswalk centerline.
- To the maximum extent possible, crosswalks should be perpendicular to the centerline of the traveled way.

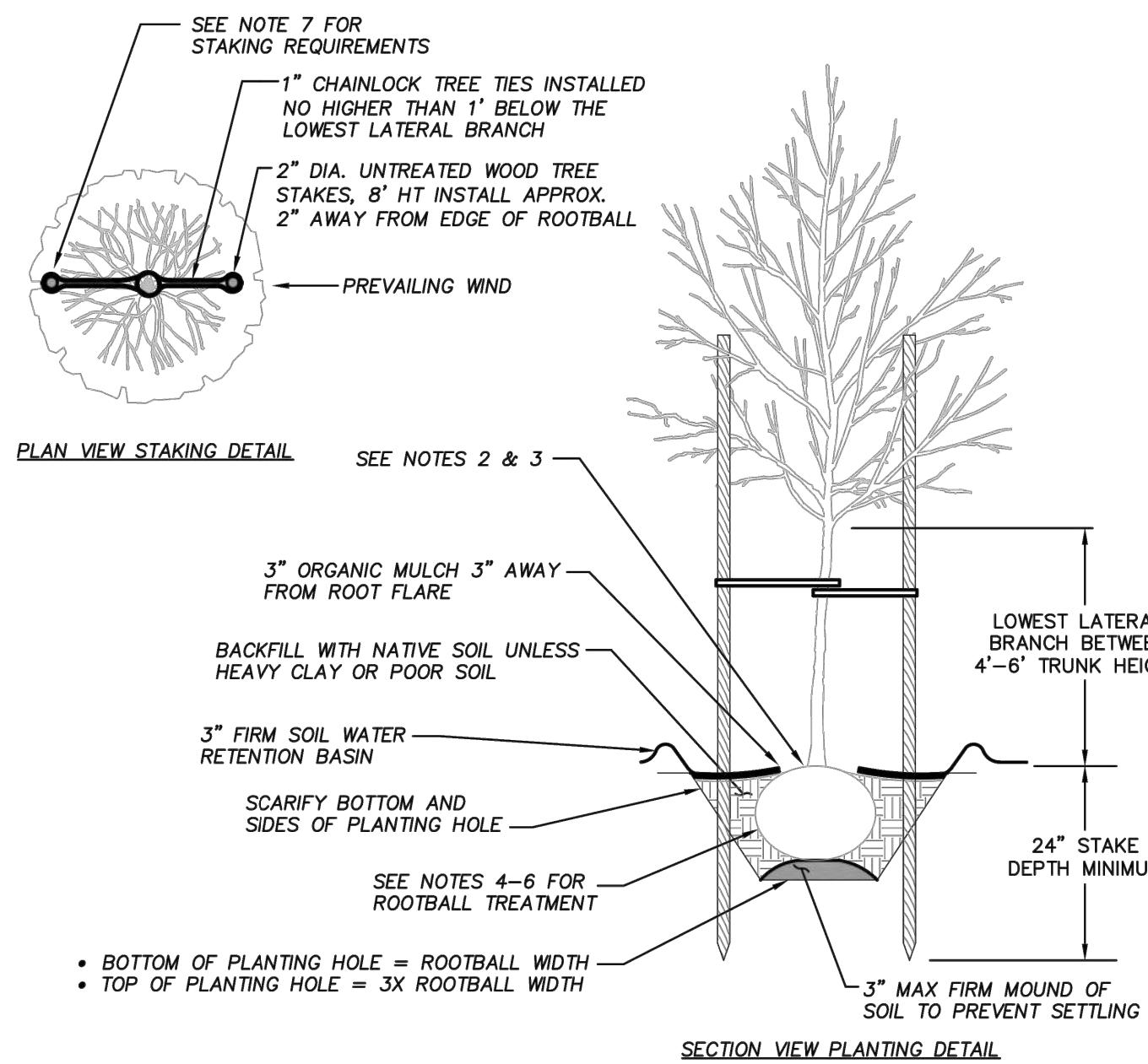
CROSSWALK LAYOUT
STANDARD PLAN M-15.10-01
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Ken L. Smith 02-06-07
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation



NOTES:

- CAST IN TWO PIECES.
- NO OPENING GREATER THAN 3/8 INCH.
- GRATE IS 1 INCH THICK WITH 1 1/4 INCH THICK SUPPORT RIBS.
- KNOCKOUTS AT 22 INCHES AND 33 INCHES.
- 1 INCH "TACK" OR "SPOT" WELD, BOTH SIDES.
- ALTERNATE SIZES AND PATTERNS, SUCH AS NOMINAL 4'X8' TREE GRATES, SHALL BE SUBMITTED TO THE URBAN FORESTER FOR APPROVAL PRIOR TO INSTALLATION.
- GRATES SHALL BE INSTALLED WITH BRACKETS AND/OR FRAMES PER THE MANUFACTURE'S RECOMMENDATION.
- GRATE WITH FRAME TO BE INSTALLED FLUSH WITH SIDEWALK.
- ALL GRATES SHALL MEET ADA STANDARDS.
- TREE GRATE SHALL BE PLACED ADJACENT TO CURB, WITHIN THE SIDEWALK.

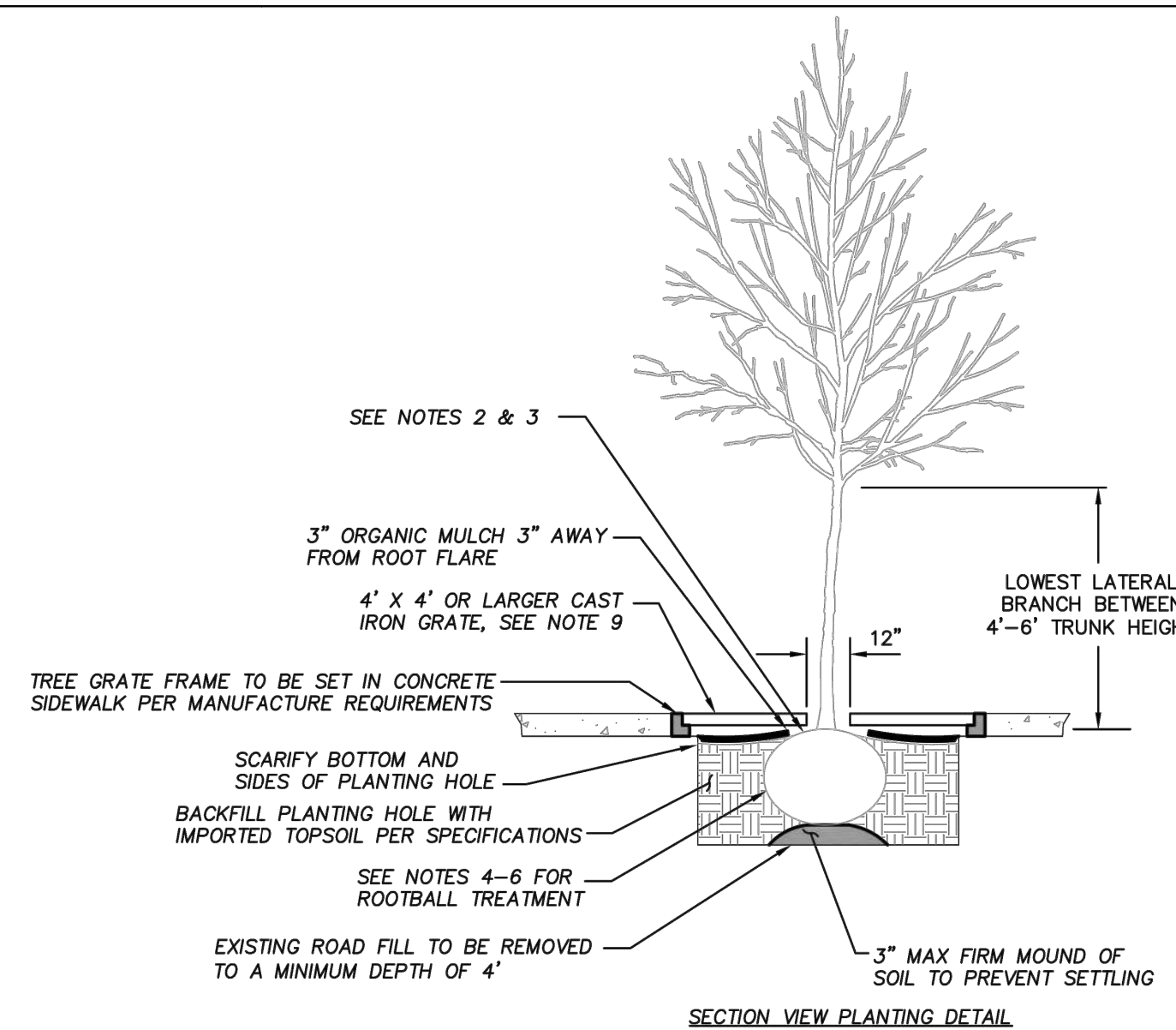
APPROVED BY	REVISED DATE	STD. DWG. NO.
	11/13/2018	4-49
STREET TREE FRAME AND GRATE DETAILS		



NOTES:

- ALL TREES SHALL MEET ANSI AZ60.1 AND OMC 16.60 STANDARDS.
- LOOK FOR EXCESSIVE SOIL ON THE ROOT BALL COVERING ROOT FLARE AND REMOVE TO EXPOSE ROOT FLARE.
- BOTTOM OF ROOT FLARE SHALL BE AT FINISH GRADE IN WELL DRAINED SOIL AND 2" ABOVE FINISH GRADE IN POORLY DRAINED SOIL.
- B&B TREES: COMPLETELY REMOVE WIRE BASKET AND TREATED OR SYNTHETIC BURLAP AND TWINE. REMOVE NATURAL TWINE AND BURLAP FROM TOP AND SIDES OF ROOTBALL.
- CONTAINERIZED TREES: SHAVE THE OUTER 1-2" OF SOIL FROM ROOT BALL WITH SHARP KNIFE.
- GROW BAG TREES: REMOVE BAG COMPLETELY.
- STAKE ONLY IF REQUIRED BY PROJECT FORESTER OR NECESSARY FOR TREE STABILITY. REMOVE STAKES AFTER 1 YEAR.
- PRUNE DAMAGED OR BROKEN BRANCHES. NO OTHER PRUNING SHALL BE DONE AT PLANTING.

APPROVED BY	REVISED DATE	STD. DWG. NO.
	11/8/2018	4-50
TREE PLANTING IN PLANTING STRIP		



NOTES:

- ALL TREES SHALL MEET ANSI AZ60.1 AND OMC 16.60 STANDARDS.
- LOOK FOR EXCESSIVE SOIL ON THE ROOT BALL COVERING ROOT FLARE AND REMOVE TO EXPOSE ROOT FLARE.
- BOTTOM OF ROOT FLARE SHALL BE AT FINISH GRADE IN WELL DRAINED SOIL AND 2" ABOVE FINISH GRADE IN POORLY DRAINED SOIL.
- B&B TREES: COMPLETELY REMOVE WIRE BASKET AND TREATED OR SYNTHETIC BURLAP AND TWINE. REMOVE NATURAL TWINE AND BURLAP FROM TOP AND SIDES OF ROOTBALL.
- CONTAINERIZED TREES: SHAVE THE OUTER 1-2" OF SOIL FROM ROOT BALL WITH SHARP KNIFE.
- GROW BAG TREES: REMOVE BAG COMPLETELY.
- STAKE ONLY IF REQUIRED BY PROJECT FORESTER OR NECESSARY FOR TREE STABILITY. REMOVE STAKES AFTER 1 YEAR.
- PRUNE DAMAGED OR BROKEN BRANCHES. NO OTHER PRUNING SHALL BE DONE AT PLANTING.
- SEE STANDARD DRAWING 4-49 FOR TREE GRATE REQUIREMENTS.

APPROVED BY	REVISED DATE	STD. DWG. NO.
	11/8/2018	4-51
TREE WELL WITH GRATE PLANTING DETAIL (POOR SOIL QUALITY)		

APPROVED FOR CONSTRUCTION
18073
BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS
APPROVAL EXPIRES: _____ P# _____

NO.	DATE	REVISION
DESIGNED BY: RWB	CES	
DRAWN BY: RWB		
CHECKED BY: RWB		
DATE: 1/28/2021		
SCALE:		

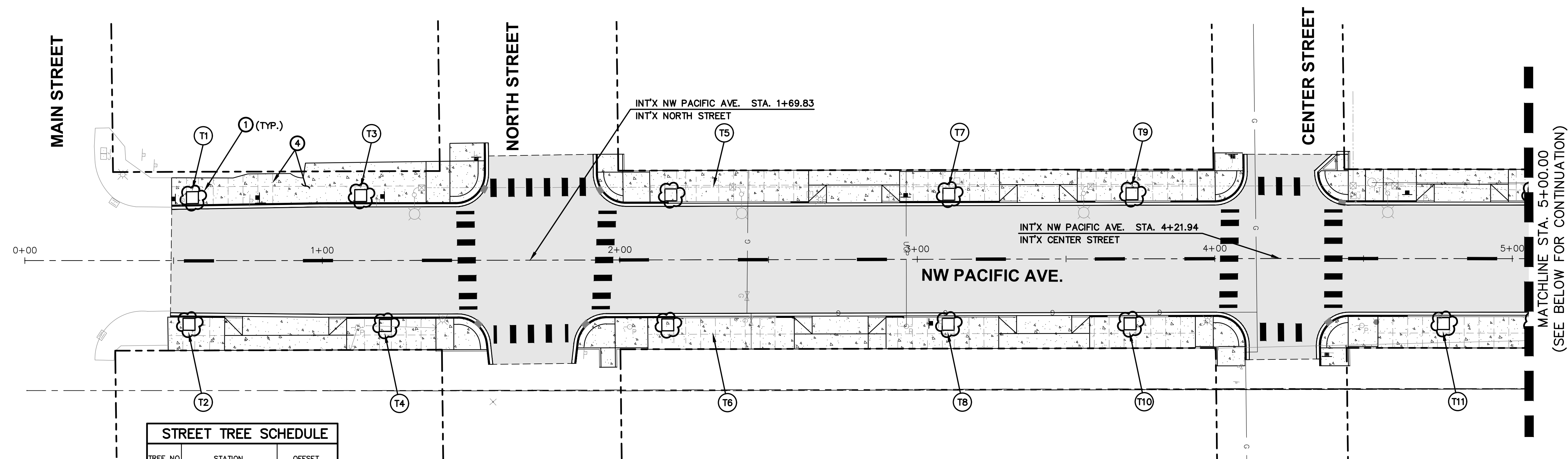
WA.
CHEHALIS
NW PACIFIC AVE
RECONSTRUCTION

STREET TREE, SIGN AND
PAVEMENT MARKING DETAILS

RB Engineering
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CHEHALIS, WA 98532
OFF: (360) 740-8819
EMAIL: ChePro@RBEngineers.com

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JOB NUMBER 18073
DRAWING NAME 18073_C4.2_SP_DT
C4.2
22 OF 26



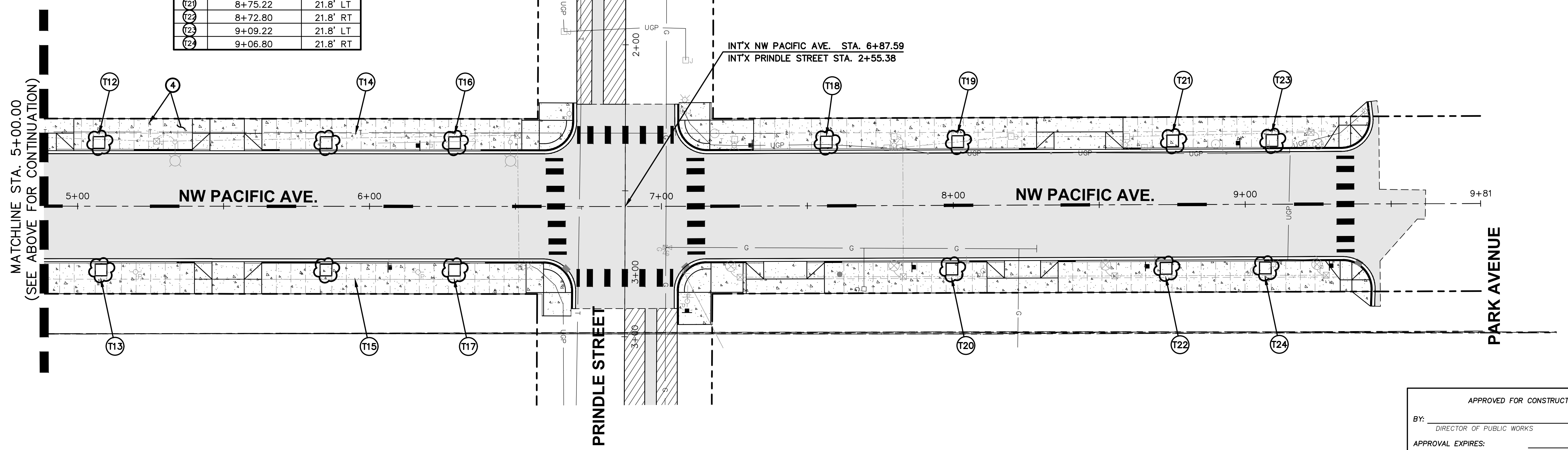
TREE NO.	STATION	OFFSET
T1	0+56.33	21.1' LT
T2	0+55.15	21.3' RT
T3	1+12.94	21.8' LT
T4	1+21.12	21.8' RT
T5	2+31.52	21.8' LT
T6	2+31.33	21.8' RT
T7	3+10.66	21.8' LT
T8	3+10.31	21.8' RT
T9	3+72.20	21.8' LT
T10	3+71.47	21.8' RT
T11	4+76.84	21.8' RT
T12	5+07.31	21.8' LT
T13	5+08.04	21.8' RT
T14	5+95.12	21.8' LT
T15	5+95.10	21.8' RT
T16	6+29.12	21.8' LT
T17	6+29.10	21.8' RT
T18	7+56.58	21.8' LT
T19	8+01.57	21.8' RT
T20	7+99.43	21.8' LT
T21	8+75.22	21.8' RT
T22	8+72.80	21.8' LT
T23	9+09.22	21.8' RT
T24	9+06.80	21.8' LT

STREET TREE NOTES:

- ① STREET TREE SHALL BE FLOWERING PLUM (PRUNUS BLUREIANA), SIZE - 1.5 GAL B&B
- ② ALL STREET TREES SHALL BE INSTALLED AND STAKED PER DETAILS ON SHEET C4.2
- ③ BACKFILL SOIL MIX FOR STREET TREES TO BE 1/3 EXISTING SITE TOPSOIL AND 2/3 SOIL MIX CONTAINING COMPOST AMENDED SOILS CONSISTING OF STEER MANUR, BIOSOLIDS OR MUSHROOM COMPOST.

SIDEWALK NOTES:

- ④ INSTALL NEW CONCRETE SIDEWALK PER CITY STANDARD DETAILS ON SHEET C1.6. PROVIDE SCORE AND EXPANSION JOINT SPACING PER CITY DETAIL AND GRID PATTERN THIS SHEET.
- ⑤ CROSS SLOPE SHALL NOT EXCEED 2% FOR ALL SIDEWALKS.
- ⑥ CALL ENGINEER AT 360.740.8919 AND CITY OF CHEHALIS FOR ALL ADA RAMP INSPECTIONS PRIOR TO POURING CONCRETE RAMPS OR RAMP CURBING.



APPROVED FOR CONSTRUCTION

BY: _____ DATE: _____
DIRECTOR OF PUBLIC WORKS

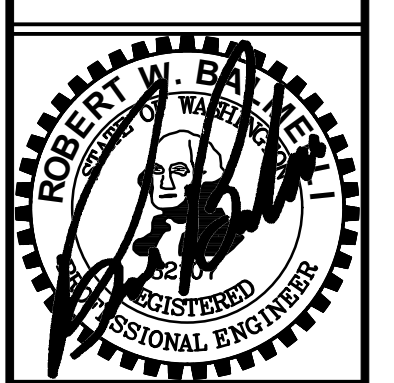
APPROVAL EXPIRES: _____ P.W.# _____

NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 20'

NW PACIFIC AVE RECONSTRUCTION
 CHEHALIS WA.

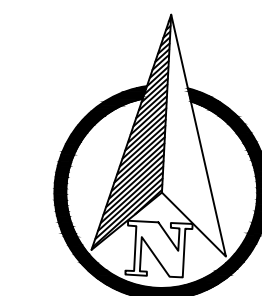
NW PACIFIC AVE. SIDEWALK AND STREET TREE PLAN



RB Engineering
 DESIGN → PERMIT → MANAGE
 P.O. Box 923
 CHEHALIS, WA 98532
 OFF: (360) 740-8919
 EMAIL: info@rbengineers.com

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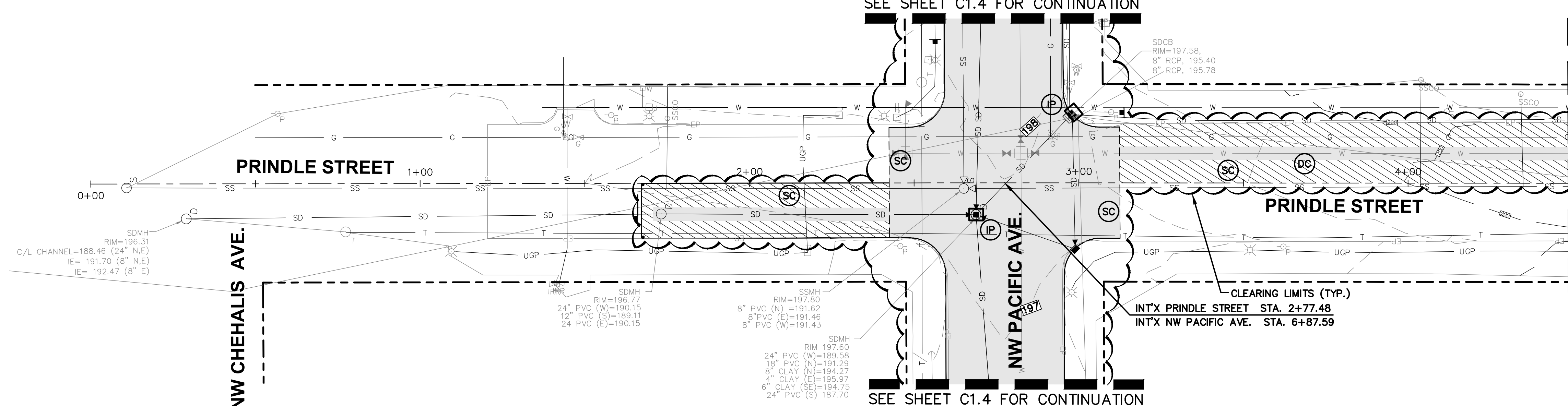
JOB NUMBER
18073
 DRAWING NAME
18073_C4.3_STPL
C4.3
 23 OF 26



SCALE: 1"=20 FEET
0 10 20 40

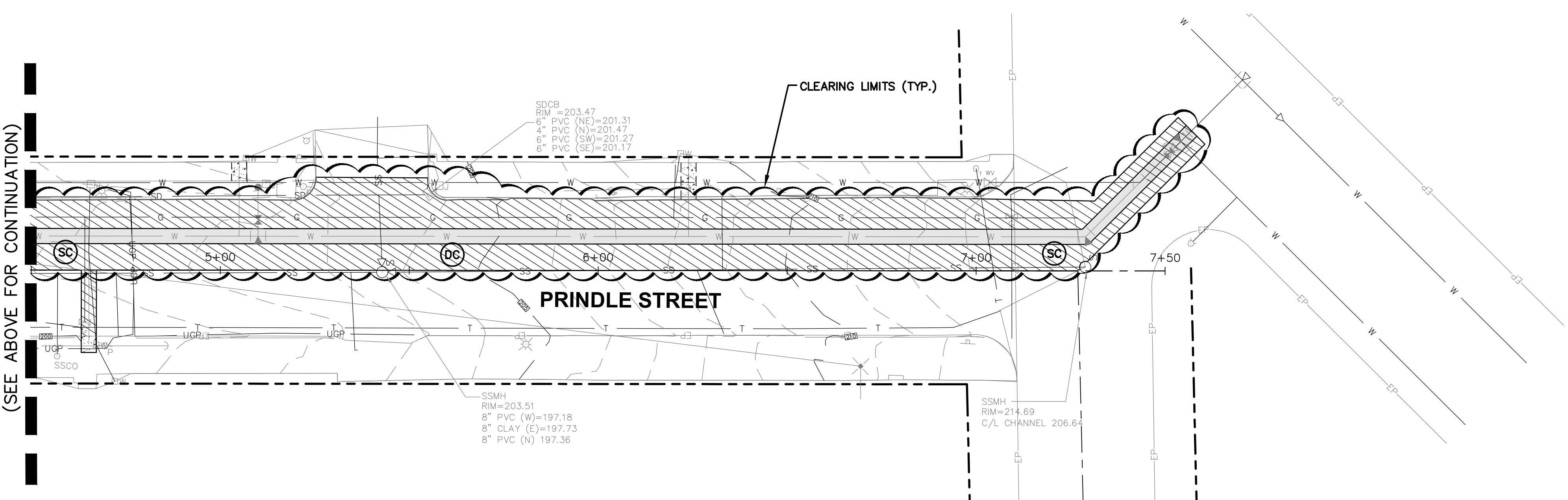
SEE SHEET C1.4 FOR CONTINUATION

MATCHLINE STA. 4+50.00
(SEE BELOW FOR CONTINUATION)



SEE SHEET C1.4 FOR CONTINUATION

MATCHLINE STA. 4+50.00
(SEE ABOVE FOR CONTINUATION)



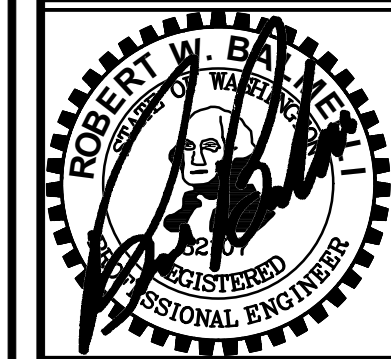
- ⊙ IP STORM DRAIN INLET PROTECTION – BMP C220
- ⊙ SC SAWCUTTING AND SURFACING POLLUTION PREVENTION – BMP C152
- ⊙ CWA CONCRETE WASHOUT AREA – BMP C
- ⊙ DC DUST CONTROL – BMP C140
- ⊙ HVF HIGH VISIBILITY FENCING – BMP C103

NO.	DATE	REVISION

DESIGNED BY: RWB
 DRAWN BY: CES
 CHECKED BY: RWB
 DATE: 1/28/2021
 SCALE: 1" = 20'

WA.
CHEHALIS
NW PACIFIC AVE
RECONSTRUCTION

TEMPORARY EROSION AND
SEDIMENTATION CONTROL PLAN
(NW PRINDLE)



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 P.O. Box 923
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APPROVED FOR CONSTRUCTION
 BY: _____ DATE: _____
 DIRECTOR OF PUBLIC WORKS
 APPROVAL EXPIRES: _____ P.W.# _____

JOB NUMBER
 18073
 DRAWING NAME
 18073_C5.2_TESCPL
C5.2
 25 OF 26

