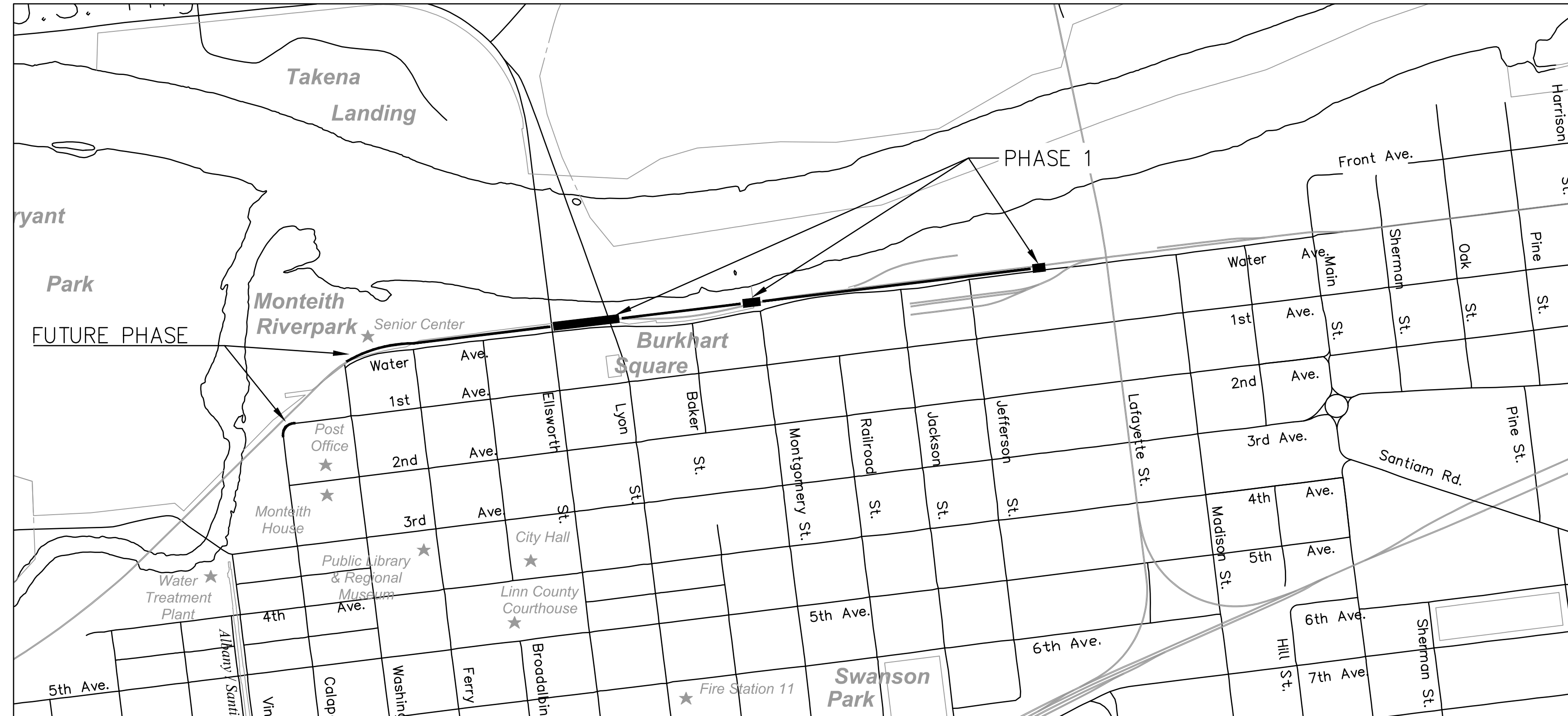
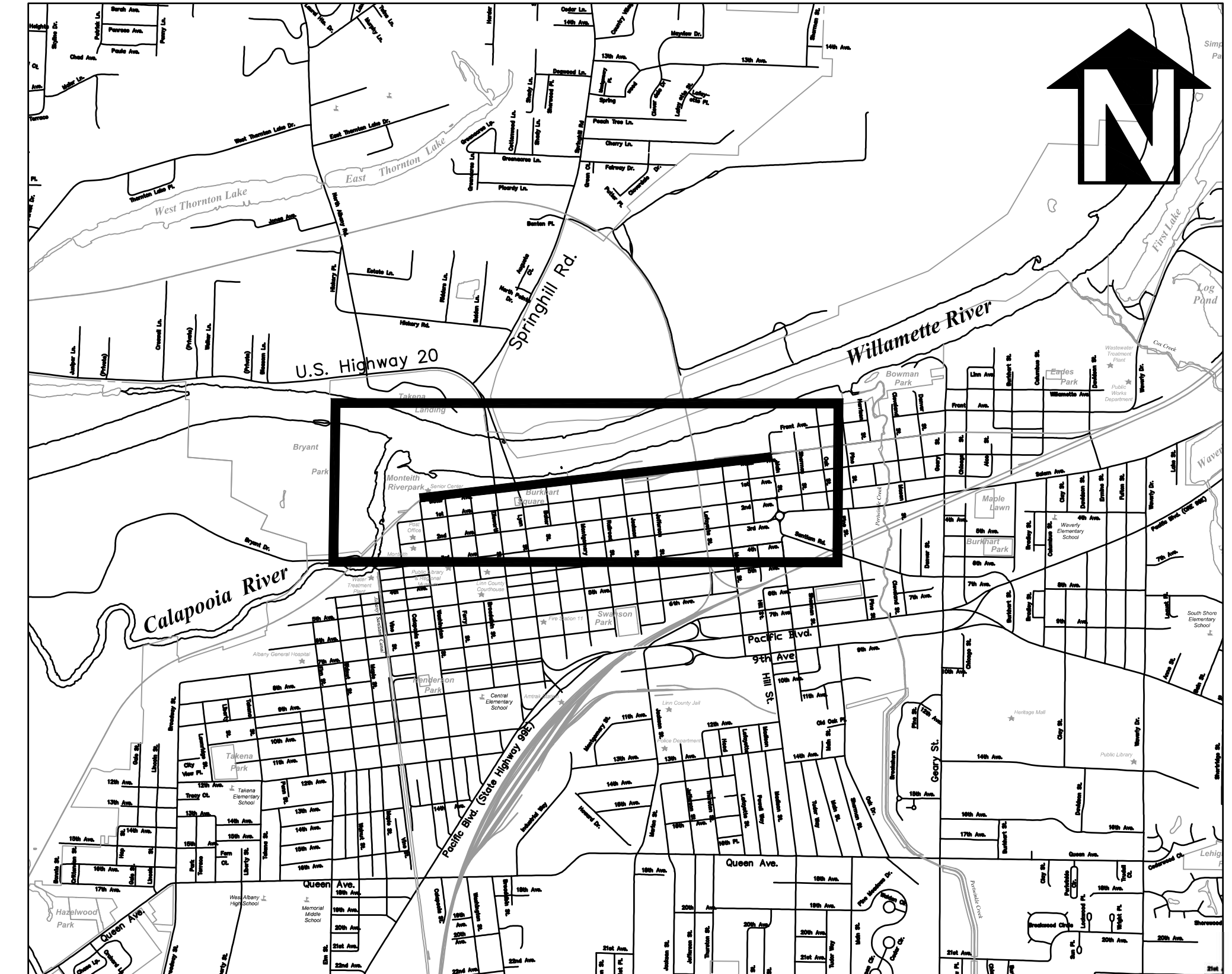


ALBANY WATERFRONT PROJECT WATER AVENUE

ALBANY, OR
PHASE 1 BID SET - 3/14/2022



Project Location
Not to Scale



Vicinity Map
Not to Scale

PROJECT CONTACTS

OWNER:
CITY OF ALBANY
333 BROADALBIN ST SW
ALBANY, OR 97321
TEL: 541-917-7645
CONTACT: STACI BELCASTRO, P.E.
EMAIL: staci.belcastro@cityofalbany.net

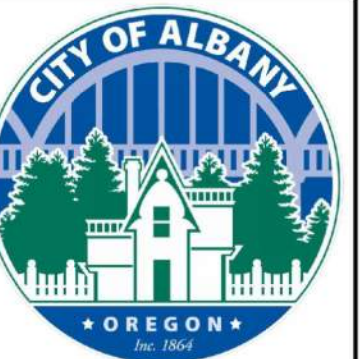
CIVIL ENGINEER/PROJECT MANAGER:
KPF CONSULTING ENGINEERS
800 WILLAMETTE, SUITE 400
EUGENE, OR 97401
TEL: 541-735-9251
CONTACT: MATT KEENAN, P.E.
EMAIL: matt.keenan@kpff.com

LANDSCAPE ARCHITECT:
WALKER | MACY
111 SW OAK STREET, SUITE 200
PORTLAND, OR
TEL: 503-228-3122
CONTACT: LIN PENG
EMAIL: lpeng@walkermacy.com

SURVEYOR:
K&D ENGINEER, INC.
276 NW HICKORY STREET
ALBANY, OR 97321
TEL: 541-928-2583
CONTACT: JOE COTA P.L.S.
EMAIL: jcota@kdeng.com

ELECTRICAL ENGINEER:
PAE ENGINEERS
522 SW 5TH AVE, SUITE 1500
PORTLAND, OR 97204
TEL: 503-226-2921
CONTACT: ROBERT MILLS P.E.
EMAIL: robert.mills@pae-engineers.com

LIGHTING DESIGNER:
BIELLA LIGHTING
525 3RD STREET, SUITE 200
LAKE OSWEGO, OR 97034
TEL: 503-222-2689
CONTACT: ELLA MILLS
EMAIL: mills@biellalighting.com



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
DRAWN BY: JRC/KY
CHECKED BY: FM/WK/CV
DATE APD:



800 Willamette Street, Suite 400
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4909
www.kpff.com

WALKER | MACY
111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122



ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
COVER SHEET

SHEET NO.
C0.01

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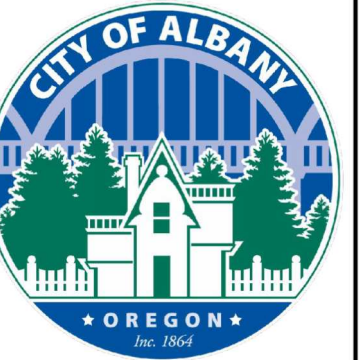
PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/1/22 at 11:05am By: KYI

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DESIGNED BY	CK/AM/TK	DRAWN BY	JRC/KY	CHECKED BY	FM/MK/CV	DATE APPD.	REVISION	DATE	DESCRIPTION

kpff

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122



ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1

SHEET INDEX

SHEET NO.
C0.02

PHASE 1 BID SET - 03/14/2022

GENERAL NOTES

- PREDESIGN SURVEY PROVIDED BY K&D ENGINEERING, INC., DATED JANUARY 11, 2019. HORIZONTAL DATUM IS NAD 83 (91) BASED ON THE PUBLISHED OREGON STATE PLAIN NORTH COORDINATES OF CITY OF ALBANY GPS POINTS 93277 AND 93283. VERTICAL DATUM ESTABLISHED PER CITY OF ALBANY GPS POINT NO. 93277 WITH AN ELEVATION OF 208.52' (NGVD 29).
- CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) WILL BE STAKED BY A PROFESSIONAL SURVEYOR HIRED BY THE CITY OF ALBANY. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR HIRING A SURVEYOR.
- PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
- WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED – DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.
- CONTRACTOR TO REFERENCE GEOTECHNICAL ENGINEERING REPORT BY GEOTECHNICS, LLC DATED DECEMBER 22, 2020 FOR THE SITE SOILS CONDITIONS, INCLUDED AS APPENDIX F OF THE CONTRACT DOCUMENTS.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF KPFF CONSULTING ENGINEERS, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- THE ENGINEER OR CITY IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR THE CONTRACTOR'S PERSONNEL; SUBCONTRACTORS OR SPLIERS. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING ALL NECESSARY EROSION CONTROL MEASURES AT ALL TIMES.
- CONTRACTOR SHALL MAINTAIN ALL UTILITIES TO EXISTING BUILDINGS AT ALL TIMES DURING CONSTRUCTION. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE CITY.
- CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL COMPLY WITH THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DRAWINGS.
- OPERATING ACCESS FOR CITY MAINTENANCE PERSONNEL TO EXISTING AND NEW WATER VALVES AND MANHOLES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING ALL CONSTRUCTION ACTIVITIES.

RAILROAD IMPROVEMENT COORDINATION

THIS PROJECT IS IN CLOSE PROXIMITY TO RAILROAD TRACKS OWNED BY BURLINGTON NORTHERN SANTA FE (BNSF) RAILWAY AND OPERATED BY THE PORTLAND & WESTERN RAILROAD (PNWR). HOWEVER, THESE RAILROAD TRACKS ARE LOCATED WITHIN THE WATER AVENUE RIGHT-OF-WAY WHICH IS UNDER THE JURISDICTION OF THE CITY OF ALBANY. NONETHELESS, CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR CALENDAR WEEKS' NOTICE TO THE PORTLAND & WESTERN RAILROAD PRIOR TO THE START OF WORK AND ADDITIONAL NOTICE AS NOTED ON THE DRAWINGS. CONTACT THE PNWR RAIL MASTER, DAVIN HELMS AT (503) 816-8010.

- RAIL CROSSING IMPROVEMENTS TO BE PERMITTED THROUGH ODOT RAIL BY RAIL CROSSING DESIGNER. ALL WORK WITHIN RAIL LINES TO BE COMPLETED BY SEPARATE RAILROAD CONTRACTOR HIRED BY PNWR.
- WATER AVENUE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH SCOPE OF RAIL IMPROVEMENTS AND WHAT WORK WILL BE COMPLETED BY RAIL CONTRACTOR AND WHEN THE WORK WILL BE SCHEDULED. WATER AVENUE CONTRACTOR TO COORDINATE ACCESS, STAGING AND LAYDOWN AREAS WITH RAILROAD CONTRACTOR.
- RAIL SIGNAGE, INCLUDING ALL CROSSBUCKS, EMERGENCY NOTIFICATION SYSTEMS SIGNS, AND PRIVATE RAIL CROSSING SIGNS, TO BE INSTALLED BY RAIL CONTRACTOR. WHEN RAIL SIGNAGE AND ROAD SIGNAGE SHARE A POST, THE ROAD CONTRACTOR SHALL SIZE AND INSTALL THE POSTS TO HOLD ALL SIGNS SHOWN. COORDINATE WITH RAIL CONTRACTOR FOR INSTALLATION OF RAIL SIGNAGE ONCE POSTS ARE INSTALLED.
- DELINEATION OF WORK AT RAIL CROSSINGS IS SHOWN ON DETAIL 5/C4.01. RAILROAD CONTRACTOR IS RESPONSIBLE FOR ALL IMPROVEMENTS SHOWN ON RAILROAD PERMIT DRAWINGS. WORK SHALL INCLUDE ALL DEMOLITION AROUND RAILROAD, INCLUDING RAIL TIES AND BALLAST, INSTALLATION AND COMPACTION OF NEW BALLAST, AND INSTALLATION OF NEW TIES, PERFORATED PIPE, SUBDRAINAGE, CONCRETE CROSSING PANELS AND RAILS. ALL PAVING ADJACENT TO CROSSINGS TO BE INSTALLED BY WATER AVENUE CONTRACTOR.
- THIS PROJECT INCLUDES LOCATIONS WHERE A CASING AND CARRIER PIPES WILL BE INSTALLED UNDER THE RAILROAD TRACKS. SUBMIT A CASING INSTALLATION WORK PLAN FOR EACH CASING INSTALLATION SHOWING HOW THE WORK WILL BE COMPLETED AS NOTED ON THE DRAWINGS. THE PLAN SHALL ALSO INCLUDE THE FOLLOWING INFORMATION AS AGREED UPON BY PNWR AND THE CONTRACTOR:
 - DATE THE WORK WILL OCCUR
 - TIME WORK WILL START
 - TIME WORK MUST BE COMPLETED FOR NORMAL RAIL OPERATIONS
 - PLAN OF ACTION IN THE EVENT ITEM 3 IS NOT ACHIEVED
 - PLAN OF ACTION TO REPAIR THE RAILROAD IF, AS A RESULT OF CONSTRUCTION ACTIVITIES, ANY DEVIATION OCCUR WITH THE TRACK THAT EXCEED THE CURRENT TRACK STANDARDS FOR THE CLASS OF TRACK AS ESTABLISHED BY THE RELEVANT FEDERAL AUTHORITY.
 - CONTACT NUMBERS FOR THE CONTRACTOR AND PNWR REPRESENTATIVE WHO WILL BE THE MAIN POINTS OF CONTACT THE DAY THE WORK OCCURS.
 - THIS PROJECT INCLUDES SEVERAL PACIFIC POWER OWNED TRANSMISSION LINES AND POLES THAT WILL BE RELOCATED OR UNDERGROUNDED WITHIN THE ROADWAY IMPROVEMENTS.

DOMESTIC WATER / SANITARY SEWER / STORM SEWER SEPARATION STATEMENT

ALL WATER MAIN CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT, CHAPTER 333. WATER MAINS SHALL CROSS OVER SANITARY SEWERS WITH A 18" MINIMUM CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPE WITH ALL PIPE JOINTS EQUIDISTANT FROM CROSSING. HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWERS IN PARALLEL INSTALLATIONS SHALL BE 10'. MAINTAIN 12" MINIMUM VERTICAL DISTANCE FOR ALL OTHER UTILITY CROSSINGS AND 12" HORIZONTAL PARALLEL DISTANCE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN THE MINIMUM 10' HORIZONTAL SEPARATION, THE WATER MAIN SHALL BE LAID ON A SEPARATE SHELF IN THE TRENCH 18" INCHES ABOVE THE SEWER.

FRANCHISE UTILITY COORDINATION

- CONTRACTOR TO COORDINATE WITH FRANCHISE UTILITY COMPANIES FOR INSTALLATION OF PRIVATE UTILITIES. SEE OTHER NOTES BELOW ON THIS SHEET.
- WORK AROUND NORTHWEST NATURAL GAS LINES SHALL ALLOW 12" MINIMUM SEPARATION FROM GAS LINES. NO CONCRETE OR ENCASEMENT SHALL BE IN CONTACT WITH GAS LINES.
- NOTIFY THE FOLLOWING UTILITIES PRIOR TO THE START OF THE WORK:

UTILITY	CONTACT	TELEPHONE	EMAIL
PACIFIC POWER	TUCKER HILL	541-967-6161	tucker.hill@pacificcorp.com
NW NATURAL	DAVE BELLINGER	541-926-4253 x8238	D6b@nwnaturals.com
CENTURY LINK	TRAVIS VAUGHN	503-365-5555	Travis.vaughn@centurylink.com
COMCAST	RYAN HASEN	541-230-0079	Ryan_Hansen@comcast.com
L.S. NETWORKS	CRAIG MCPHERSON	971-291-7873	cmcperson@LSnetworks.net
AT&T	CHRIS HOPKINS STEVE DUPPENTHALER	541-246-5583 425-286-3822	ch7932@att.com sd1891@att.com
VERIZON/MCI	BRANDON QUALLS JEREMY NOBLE	503-403-5134	brandon.s.qualls@verizon.com jeremy.noble@verizon.com

VERIZON/MCI & AT&T COORDINATION

THIS PROJECT COINCIDES WITH A CRITICAL REGIONAL FIBER OPTIC LINE RUNNING GENERALLY 6-12' SOUTH OF THE RAILROAD TRACK CENTERLINE. THIS FIBER OPTIC LINE CONSISTS OF A 2" CONDUIT OWNED BY VERIZON/MCI OVER TOP A SEPARATE 4" CONDUIT OWNED BY AT&T ROUGHLY 1' BELOW THE 2" CONDUIT. THE COVER OVER THE TOP CONDUIT IS BETWEEN 12"-36" THROUGHOUT THE PROPOSED IMPROVEMENTS. THE FOLLOWING GUIDELINES SHALL BE FOLLOWED WHEN WORKING AROUND THE FIBER OPTIC LINE:

- COORDINATE ALL WORK WITH VERIZON/MCI AND PROVIDE BIWEEKLY PROGRESS UPDATES, OR AS REQUESTED.
- PROVIDE VERIZON/MCI & AT&T 48 HOURS NOTICE OF EACH INSTANCE WHERE CONSTRUCTION WILL OCCUR WITHIN 5' OF THE FIBER OPTIC LINES. FIELD INSPECTORS FROM VERIZON/MCI & AT&T MAY NEED TO BE PRESENT DURING WORK AROUND THEIR UTILITIES.
- COMPLY WITH ALL VERIZON/MCI & AT&T IMPOSED REQUIREMENTS AND PROTECT THE FIBER OPTIC LINES AND STRUCTURES DURING CONSTRUCTION OPERATIONS. EARTHWORK WITHIN 5' OF THE FIBER LINES MAY REQUIRE HAND EXCAVATION TO MINIMIZE THE RISK OF DAMAGE. VERIZON/MCI AND AT&T MAY WANT THEIR OWN INSPECTOR ON SITE DURING CONSTRUCTION OF THE PROJECT.
- POST FOUNDATIONS OR ANY CONTINUOUS OBSTRUCTIONS WITH FIBER LINES SHALL BE POTHOLED IN ADVANCE EVERY 50' IF STRUCTURE IS WITHIN 2' OF FIBER LINES AND ALERT THE CITY OF ALBANY AND ENGINEER OF RECORD OF ANY CONFLICTS.
- PROVIDE AT&T AND VERIZON/MCI FOUR WEEKS NOTICE WHEN CONSTRUCTION WILL OCCUR NEAR THE VAULTS TO BE REPLACED BETWEEN BAKER STREET & MONTGOMERY STREET. COORDINATE WITH FRANCHISE UTILITY COMPANIES FOR INSTALLATION OF PRIVATE UTILITIES.

PACIFIC POWER COORDINATION

THIS PROJECT INCLUDES SEVERAL PACIFIC POWER OWNED TRANSMISSION LINES AND POLES THAT WILL BE RELOCATED OR UNDERGROUNDED AS A PART OF THE ROADWAY IMPROVEMENTS.

- CONTRACTOR TO COORDINATE WITH PACIFIC POWER FOR INSTALLATION OF NEW POLES AND GUY WIRES. POLE RELOCATION SHOULD BE SCHEDULED PRIOR TO START OF CONSTRUCTION.
- FINAL POLE LOCATIONS SHOULD BE SURVEYED AND APPROVED BY CITY OF ALBANY AND ENGINEER OF RECORD PRIOR TO INSTALLATION.
- THE PACIFIC POWER FACILITIES TO BE UNDERGROUNDED LIE COMPLETELY WITHIN THE PHASE 2 PLAZA STREET IMPROVEMENTS BETWEEN WASHINGTON AVENUE AND THE ELLSWORTH BRIDGE. THESE IMPROVEMENTS ARE TO BE DESIGNED BY PACIFIC POWER AND ALL WORK SHOULD BE COORDINATED WITH THE PACIFIC POWER PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VAULTS AND CONDUITS ASSOCIATED WITH UNDERGROUNDING WORK.

LEGEND

PROPOSED	DESCRIPTION	EXISTING
---	PROPERTY LINE	---
---	RIGHT OF WAY	---
---	CENTERLINE	---
====	CURB & GUTTER	====
[Pattern]	LANDSCAPE AREA	
-----255-----	CONTOUR MAJOR	-----245-----
-----255-----	CONTOUR MINOR	-----245-----
----->----->	SWALE CENTER LINE	
-----x-----x-----x-----x-----	SAFETY RAILING	
[Pattern]	EXTENT OF WORK	
-----	STORM DRAIN	-----SD-----
-----	PERFORATED STORM PIPE	
-----	SANITARY SEWER	-----SS-----
-----	WATER MAIN	-----W-----
[Symbol]	CATCH BASIN	[Symbol]
[Symbol]	OVERFLOW INLET	
[Symbol]	CONCRETE INLET	[Symbol]
[Symbol]	CONCRETE SPLASHPAD	
[Symbol]	MANHOLE	[Symbol]
[Symbol]	LARGE DIA. MANHOLE	
[Symbol]	LIGHT POLE, PLAZA	
[Symbol]	LIGHT POLE, GREENSTREET	
[Symbol]	SIGN	[Symbol]

ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVEMENT	P/L	PROPERTY LINE
AD	AREA DRAIN	PC	POINT OF CURVATURE
AVE	AVENUE	PCC	POINT OF COMPOUND CURVATURE
BEG	BEGINNING	PCC	PORTLAND CEMENT CONCRETE
BM	BENCHMARK	PCP	PLAIN CONCRETE PAVEMENT
BLDG	BUILDING	PERF	PERFORATED
B/O	BLOW-OFF	POB	POINT OF BEGINNING
CB	CATCH BASIN	POC	POINT ON CURVE
CI	CONCRETE INLET	POE	POINT OF ENDING
CL	CENTERLINE	PRC	POINT OF REVERSE CURVATURE
CO	CLEANOUT	PROP	PROPOSED
COA	CITY OF ALBANY	PT	POINT OF TANGENT
CONC.	CONCRETE	PVC	POLYVINYL CHLORIDE
Δ	DELTA	PVIE	POINT OF VERTICAL INTERSECTION
DI	DUCTILE IRON		ELEVATION
DIA	DIAMETER	PVIS	POINT OF VERTICAL INTERSECTION
DS	DOWNSPOUT		STATION
E	EASTING	R	RADIUS
EG	EXISTING GRADE	RD	ROAD
ELEC	ELECTRIC	RDCR	REDUCER
EXIST./EX	EXISTING	REQ'D	REQUIRED
FG	FINISHED GRADE	ROW	RIGHT-OF-WAY
FH	FIRE HYDRANT	RT	RIGHT
FL	FLOW LINE	R/W	RIGHT-OF-WAY
FLG	FLANGE	RR	RAILROAD
FT	FEET	RD	RIGHT
G	GROUND	SD	STORM DRAIN
GB	GRADE BREAK	SDMH	STORM DRAIN MANHOLE
GV	GATE VALVE	SHT	SHEET
HORIZ	HORIZONTAL	SS	SANITARY SEWER
HP	HIGH POINT	SSMH	SANITARY SEWER MANHOLE
IE	INVERT ELEVATION	ST	STREET
INV	INVERT	STA	STATION
L	LENGTH	STRC	STRUCTURE
LF	LINEAR FEET	TP	TOP OF PAVEMENT
LOW	LIMITS OF WORK	TYP	TYPICAL
LT	LEFT	UNO	UNLESS OTHERWISE NOTED
MAX	MAXIMUM	VC	VERTICAL CURVE
MH	MANHOLE	VERT	VERTICAL
MIN	MINIMUM	W	WATER
MJ	MECHANICAL JOINT	W/W	WITH
N	NORTHING	WM	WATER METER
NPC	NOTCHED PLANTER CURB		
NTS	NOT TO SCALE		
OV	OVERFLOW INLET		
OVH/OH	OVERHEAD		



NO.	DATE	REVISION	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
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 DATE APPD: _____



WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122



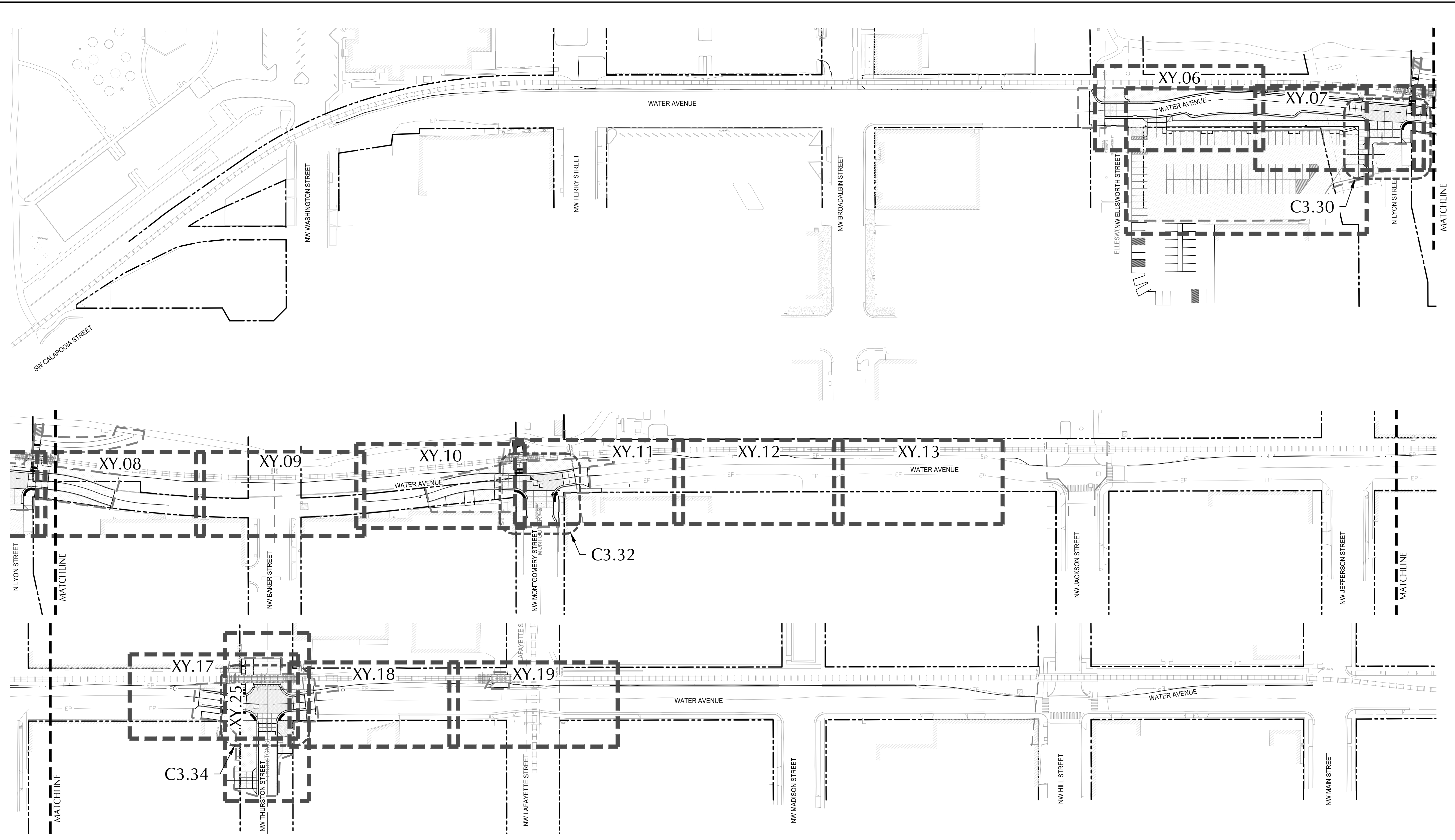
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 NOTES & ABBREVIATIONS

SHEET NO.
C0.03

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 Plotted: 3/10/22 at 11:17am By: WMorris

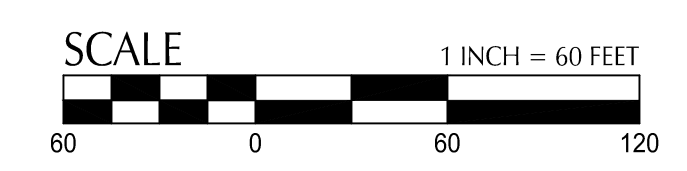
PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:22am By: WMorris



NOTES

*"XY" TO BE FILLED IN WITH DISCIPLINE AND PREFIX
 FOR EXAMPLE: C1.01, L2.01, EL3.01, ETC.



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/TK	CHECKED BY FM/MK/CV
DRAWN BY JRC/KY	DATE APPD.

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 PORTLAND, OR 97204
 503-228-3122

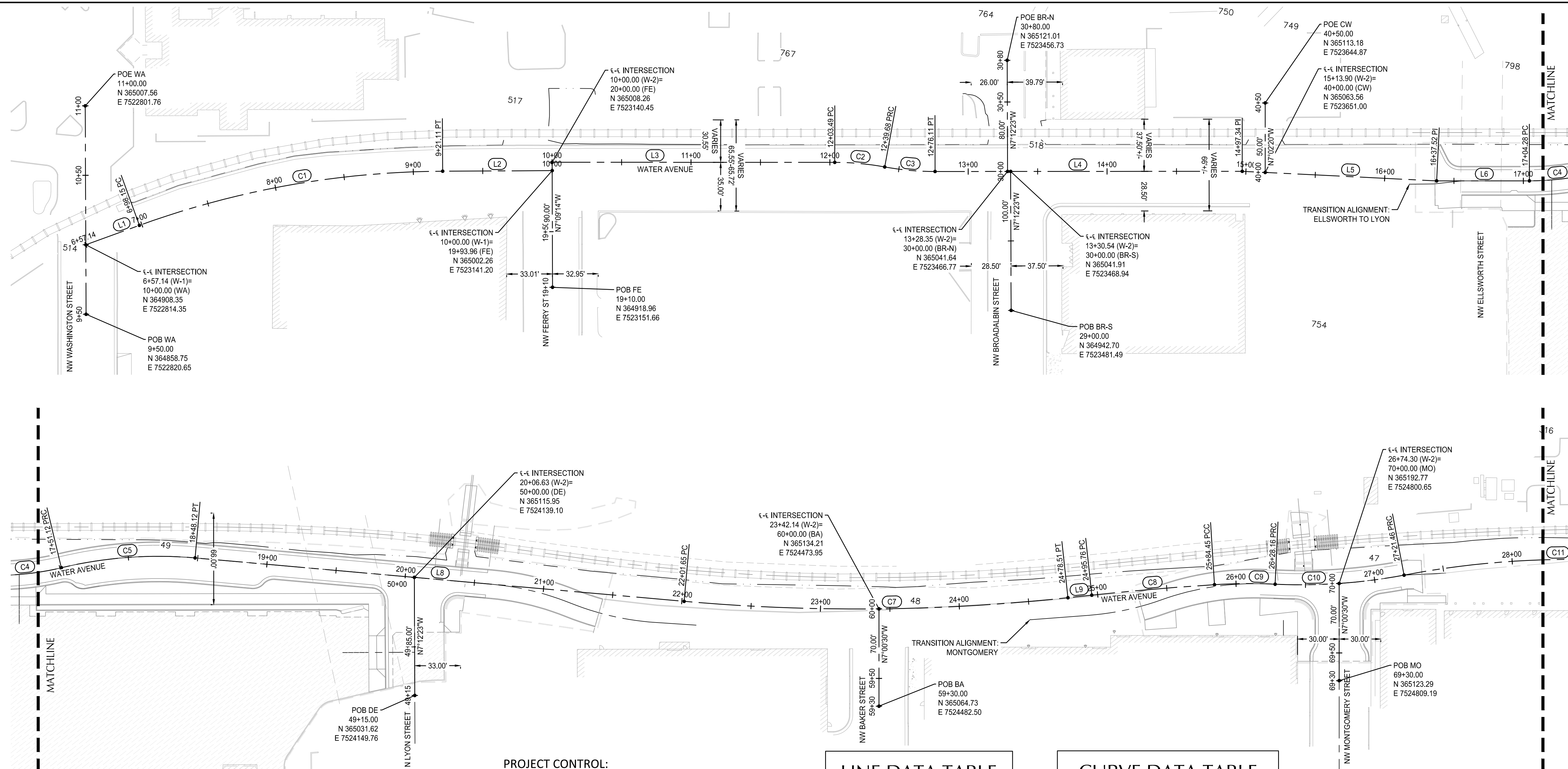
REGISTERED PROFESSIONAL
 ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 KEY MAP

SHEET NO.
C0.04

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-0.6-HORIZ-PH1.dwg TAB: C0.06
 Plotted: 3/10/22 at 10:26am By: WMorris



PROJECT CONTROL:

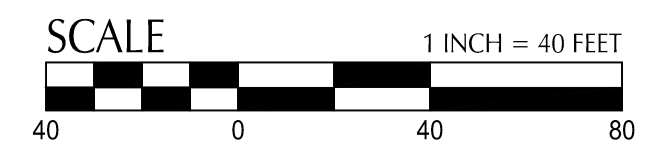
STATION	DESCRIPTION	NORTHING	EASTING	ELEVATION
47	CNT-IR12RPC	365209.99	7524814.31	204.70'
48	CNT-PK	365139.21	7524490.16	203.25'
49	CNT-PK	365113.16	7523949.43	201.10'
316	cnt-ht	365316.57	7524924.80	205.78'
514	cnt-mag	364900.65	7522792.77	206.32'
517	cnt-mag	365045.19	7523097.92	206.08'
518	cnt-mag 5	365059.06	7523474.47	201.99'
749	cnt mag	365166.67	7523645.58	200.79'
750	cnt ht	365170.95	7523597.85	199.36'
754	cnt mag2	364955.67	7523691.87	204.66'
764	cnt mag	365148.22	7523426.45	200.31'
767	cnt mag	365102.72	7523288.33	203.91'
798	cnt mag	365157.41	7523807.33	197.62'

LINE DATA TABLE

LINE #	LENGTH	BEARING
L1	41.01'	N63°03'14"E
L2	78.89'	N82°42'27"E
L3	203.49'	N83°01'42"E
L4	221.23'	N82°57'40"E
L5	140.17'	N85°49'24"E
L6	66.76'	N82°57'40"E
L8	353.54'	N88°04'02"E
L9	17.26'	N76°51'25"E
L11	253.11'	N83°01'28"E
L12	170.45'	N82°48'30"E
L13	332.61'	N82°55'03"E
L14	180.03'	N82°55'03"E
L15	389.69'	N82°52'11"E
L16	28.55'	N82°52'13"E
L17	101.10'	N82°52'13"E
L18	86.61'	N82°55'35"E
L19	135.99'	N82°55'35"E

CURVE DATA TABLE

CURVE #	RADIUS	LENGTH	DELTA
C1	650.00'	222.96'	19°39'13"
C2	200.00'	36.19'	10°22'04"
C3	200.00'	36.42'	10°26'06"
C4	200.00'	46.84'	13°25'09"
C5	300.00'	97.00'	18°31'31"
C7	1415.00'	276.85'	11°12'37"
C8	2000.00'	88.69'	2°32'27"
C9	400.00'	43.71'	6°15'38"
C10	400.00'	93.30'	13°21'54"
C11	650.00'	200.35'	17°39'39"
C12	600.00'	74.19'	7°05'04"
C13	400.00'	61.71'	8°50'19"
C14	400.00'	61.71'	8°50'19"
C15	400.00'	62.70'	8°58'51"
C16	400.00'	127.31'	18°14'09"
C17	400.00'	63.10'	9°02'20"
C18	400.00'	73.48'	10°31'29"
C19	400.00'	73.59'	10°32'27"
C20	400.00'	73.42'	10°30'58"
C21	400.00'	73.59'	10°32'27"



DESIGNED BY	CK/WM/TK	DESCRIPTION
DRAWN BY	JRC/KY	
CHECKED BY	FM/MK/CV	
DATE APPD.		
REVISION		
DATE		

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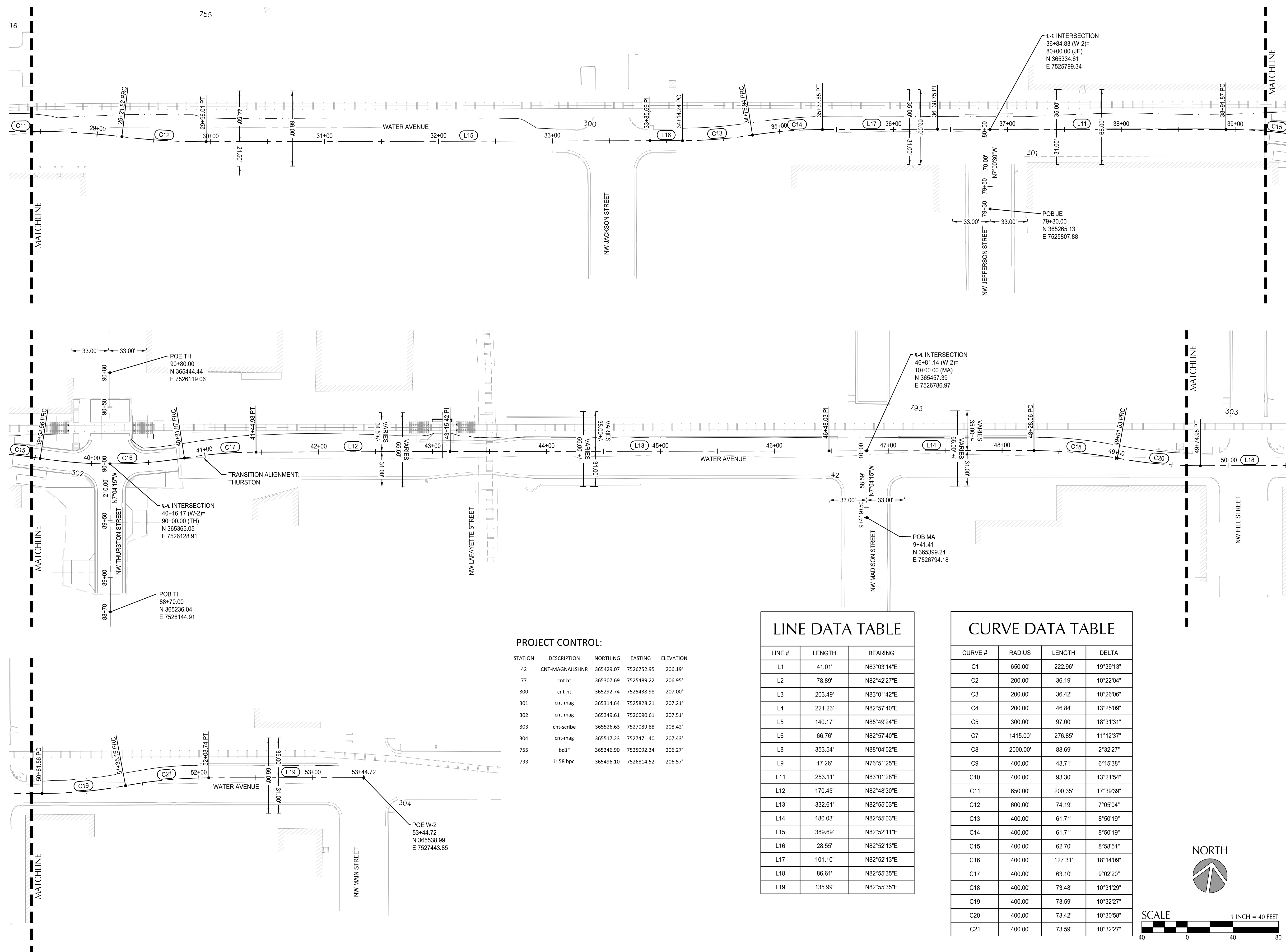
REGISTERED PROFESSIONAL ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2000
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 HORIZONTAL CONTROL PLAN

SHEET NO.
C0.06

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-0.6-HORIZ-PH1.dwg TAB:CO.07
 Plotted: 3/10/22 at 10:27am By: WMorris

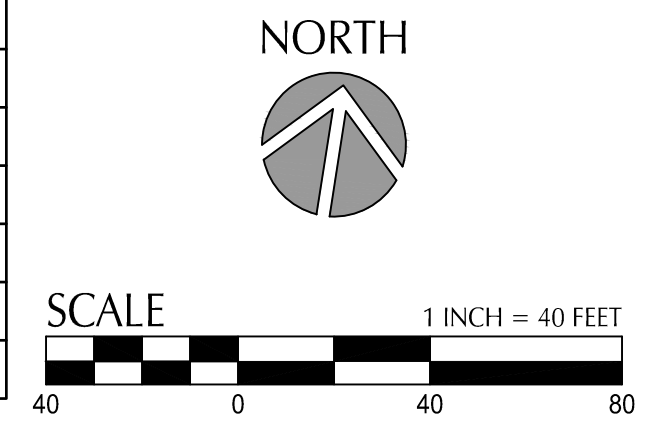


PROJECT CONTROL:

STATION	DESCRIPTION	NORTHING	EASTING	ELEVATION
42	CNT-MAGNAILSHNR	365429.07	7526752.95	206.19'
77	cnt ht	365307.69	7525489.22	206.95'
300	cnt-ht	365292.74	7525438.98	207.00'
301	cnt-mag	365314.64	7525828.21	207.21'
302	cnt-mag	365349.61	7526090.61	207.51'
303	cnt-scribe	365526.63	7527089.88	208.42'
304	cnt-mag	365517.23	7527471.40	207.43'
755	bd1*	365346.90	7525092.34	206.27'
793	ir 58 bpc	365496.10	7526814.52	206.57'

LINE #	LENGTH	BEARING
L1	41.01'	N63°03'14"E
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DESIGNED BY	CK/MW/TK	REVISION	DATE	DESCRIPTION
DRAWN BY	JRC/KY			
CHECKED BY	FW/MK/CV			
DATE APPD.				

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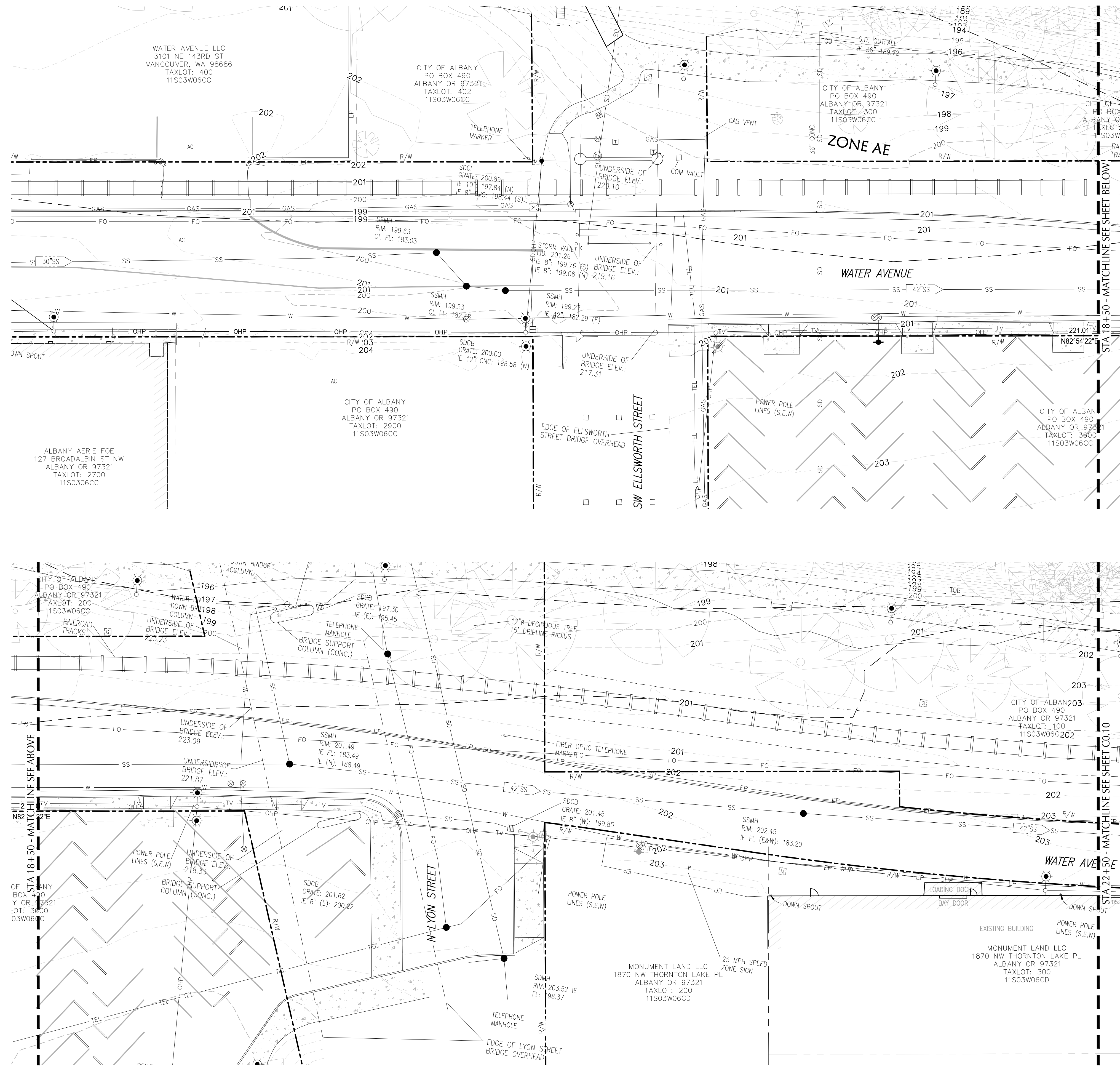
WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 HORIZONTAL CONTROL PLAN

SHEET NO.
CO.07

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-0.8-EXIST-PH1.dwg TAB: C0.09
 Plotted: 3/10/22 at 10:27am By: WMorris



TOPOGRAPHIC SURVEY ALONG WATER AVENUE BETWEEN WASHINGTON STREET AND SHERMAN STREET, CITY OF ALBANY, IN LINN COUNTY, OREGON WAS PROVIDED FOR WALKER MACY ON MAY 19, 2020

HORIZONTAL DATUM:
 THE HORIZONTAL DATUM IS NAD 83 (91) BASED ON THE PUBLISHED OREGON STATE PLAN NORTH COORDINATES OF CITY OF ALBANY GPS POINTS 93277 AND 93283. CONTROL POINTS, MONUMENTS TIED AND TOPOGRAPHIC INFORMATION ARE BASED ON A PLAIN SURVEY. GPS POINT # 93283 WAS HELD AS THE TRANSLATION POINT AND THE RECORD GRID BEARING BETWEEN GPS # 93283 AND GPS # 93277 WAS HELD AS THE BASIS OF BEARINGS.

VERTICAL DATUM NOTE:
 THE VERTICAL DATUM IS NGVD 29 BASED ON CITY OF ALBANY GPS POINT # 93277 WITH A PUBLISHED ELEVATION OF 208.52 FEET.

SURVEY CONTROL NOTE:
 SURVEY CONTROL POINTS WERE SET THROUGHOUT THE PROJECT AREA AS SHOWN ON THE MAP AND LISTED IN THE "SURVEY CONTROL" POINT TABLE.

EXISTING UTILITIES NOTE:
 EXISTING UTILITIES SHOWN ON THIS MAP ARE BASED ON FIELD LOCATES COMPLETED THROUGH THE "OREGON ONE CALL" SERVICE. THERE MAY BE EXISTING UTILITIES ON THE SITE THAT COULD NOT BE LOCATED AND WERE NOT SHOWN THESE DRAWINGS.

FLOOD NOTE:
 FLOOD DATA IS BASED ON FEMA MAP 41043C0213H DATED 12/8/2016. BFE ELEVATIONS HAVE BEEN ADJUSTED TO 29 DATUM.

WETLAND AND ORDINARY HIGH WATER NOTE:
 WETLANDS AND ORDINARY HIGH WATER WAS MARKED IN THE FIELD BY HERRERA. IN LOCATIONS WHERE ORDINARY HIGH WATER WAS NOT MARKED THE CALCULATED ELEVATION OF 79.15 WAS USED AND IS BASED ON THE AVERAGE ELEVATION OF MARKED POINTS.

LEGEND:

- FOUND MONUMENT
- CALCULATED POINT FROM RECORD DATA
- △ SURVEY CONTROL POINT
- EXISTING MANHOLE
- EXISTING CLEAN OUT
- EXISTING FLAG POLE
- EXISTING SIGN
- EXISTING ELECTRICAL BOX
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING GUY ANCHOR
- EXISTING SPIGOT
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING VALVE
- EXISTING CATCH BASIN
- EXISTING CATCH BASIN UNLESS OTHERWISE NOTED
- EXISTING CURB INLET
- EXISTING HEAT PUMP
- EXISTING POWER BOX
- EXISTING PHONE PEDESTAL
- EXISTING COMMUNICATIONS BOX
- EXISTING WELL
- EXISTING FDC
- EXISTING IRRIGATION VALVE
- EXISTING POWER METER
- EXISTING TV PEDESTAL
- WETLAND SAMPLE POINT
- EXISTING TRASH CAN
- EXISTING MAILBOX
- EXISTING DECIDUOUS TREE
- EXISTING CONIFER TREE
- EXISTING SNAG
- EXISTING BENCH
- EXISTING RAIL CROSSING SIGNAL
- UNDERGROUND UTILITY DESCRIPTION
- WETLANDS
- AC ASPHALT
- CONC. CONCRETE
- C.R. COUNTY ROAD
- FF FINISH FLOOR
- I.E. INVERT ELEVATION
- LND LANDSCAPING
- R.D. RAIN DRAIN
- R/W RIGHT OF WAY
- OHW ORDINARY HIGH WATER
- TOB TOP OF BANK
- TOE TOE OF BANK
- W EXISTING WATER LINE
- SD EXISTING STORM DRAIN LINE
- SS EXISTING SANITARY SEWER LINE
- EP EXISTING EDGE OF PAVEMENT
- TEL EXISTING TELEPHONE LINE
- FO EXISTING FIBER OPTIC LINE
- GAS EXISTING NATURAL GAS LINE
- OHP EXISTING OVERHEAD POWER LINE
- UOP EXISTING UNDERGROUND POWER LINE
- X EXISTING FENCE LINE
- PROPERTY LINE
- - - FLOODZONE

REGISTERED PROFESSIONAL LAND SURVEYOR
 Digital Signature
 OREGON
 JULY 9, 2002
JOE J. COTA
 #88561LS
 Renewal: 12/31/21

LEGEND:

- AC ASPHALT
- CONC. CONCRETE
- C.R. COUNTY ROAD
- FF FINISH FLOOR
- I.E. INVERT ELEVATION
- LND LANDSCAPING
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- UOP EXISTING UNDERGROUND POWER LINE
- X EXISTING FENCE LINE
- PROPERTY LINE
- - - FLOODZONE

LEGEND:

- EXISTING DECIDUOUS TREE
- EXISTING CONIFER TREE
- EXISTING SNAG
- EXISTING BENCH
- EXISTING RAIL CROSSING SIGNAL
- UNDERGROUND UTILITY DESCRIPTION
- WETLANDS

AC ASPHALT
 CONC. CONCRETE
 C.R. COUNTY ROAD
 FF FINISH FLOOR
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 UOP EXISTING UNDERGROUND POWER LINE
 X EXISTING FENCE LINE
 — PROPERTY LINE
 - - - FLOODZONE

30°RFI
 NORTH
 SCALE 1 INCH = 20 FEET



DESIGNED BY	DATE	DESCRIPTION
CK/MM/TK		
DRAWN BY		
JRC/KY		
CHECKED BY		
FM/MK/CV		
DATE APP'D.		

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WALKER MACY

111 SW OAK, SUITE 200
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K & D

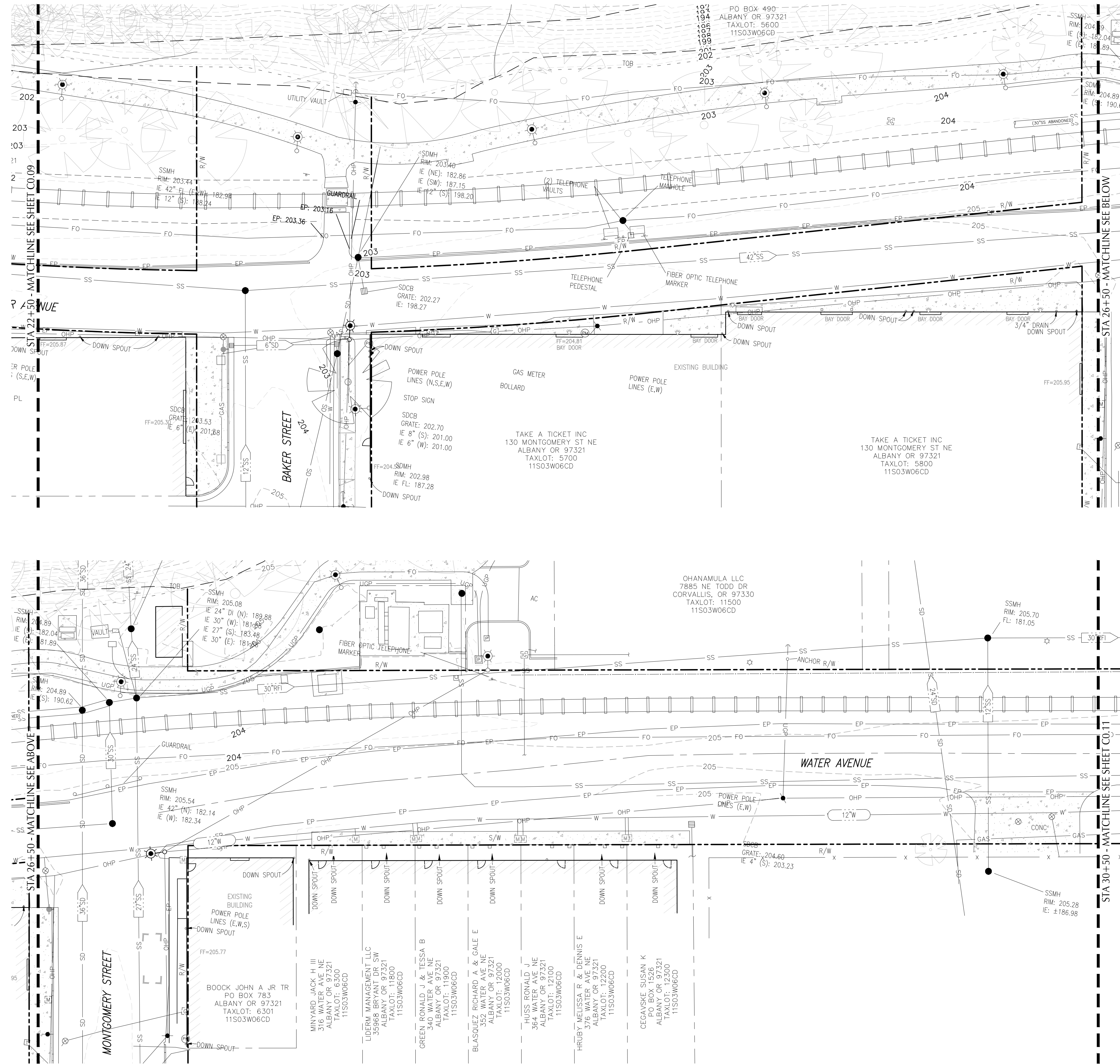
K&D ENGINEERING, INC.
 276 N.W. HICKORY ST.
 P.O. BOX 725
 ALBANY, OREGON 97321
 (541) 928-2883

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EXISTING CONDITIONS PLAN

SHEET NO.
C0.09

PHASE 1 BID SET - 03/14/2022

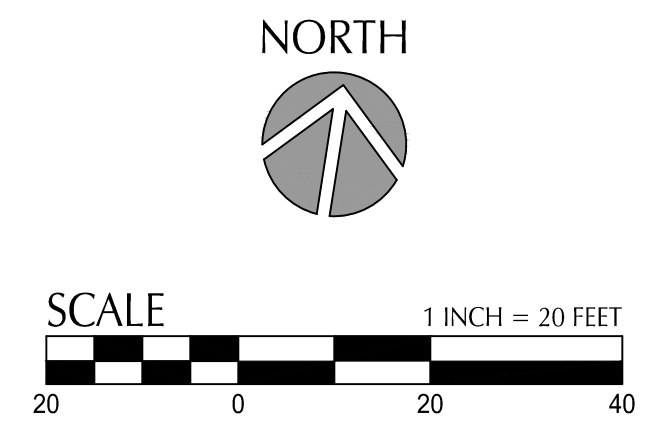
File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-0.8-EXIST-PH1.dwg TAB: C0.10
 Plotted: 3/10/22 at 10:27am By: WMorris



LEGEND:

- FOUND MONUMENT
- CALCULATED POINT FROM RECORD DATA
- △ SURVEY CONTROL POINT
- EXISTING MANHOLE
- EXISTING CLEAN OUT
- EXISTING FLAG POLE
- ⊕ EXISTING SIGN
- EXISTING ELECTRICAL BOX
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- ⊕ EXISTING GUY ANCHOR
- ⊕ EXISTING SPIGOT
- ⊕ EXISTING WATER METER
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING VALVE
- ⊕ EXISTING CATCH BASIN
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- ⊕ EXISTING CURB INLET
- ⊕ EXISTING HEAT PUMP
- ⊕ EXISTING POWER BOX
- ⊕ EXISTING PHONE PEDESTAL
- ⊕ EXISTING COMMUNICATIONS BOX
- ⊕ EXISTING WELL
- ⊕ EXISTING FDC
- ⊕ EXISTING IRRIGATION VALVE
- ⊕ EXISTING POWER METER
- ⊕ EXISTING TV PEDESTAL
- ⊕ WETLAND SAMPLE POINT
- ⊕ EXISTING TRASH CAN
- ⊕ EXISTING MAILBOX
- EXISTING DECIDUOUS TREE
- EXISTING CONIFER TREE
- EXISTING SNAG
- EXISTING BENCH
- ▲ EXISTING RAIL CROSSING SIGNAL
- 30"RFI UNDERGROUND UTILITY DESCRIPTION
- WETLANDS
- AC ASPHALT
- CONC. CONCRETE
- C.R. COUNTY ROAD
- FF FINISH FLOOR
- IE INVERT ELEVATION
- LAND LANDSCAPING
- R.D. RAIN DRAIN
- R/W RIGHT OF WAY
- OHW ORDINARY HIGH WATER
- TOB TOP OF BANK
- TOE TOE OF BANK
- W EXISTING WATER LINE
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REGISTERED PROFESSIONAL LAND SURVEYOR
 Digital Signature
 OREGON JULY 9, 2002
JOE J. COTA
 #585611S
 Renewal: 12/31/21



DESIGNED BY	CK/MM/TK	DATE	REVISION	DESCRIPTION
DRAWN BY	JRC/KY			
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DATE APPD.				

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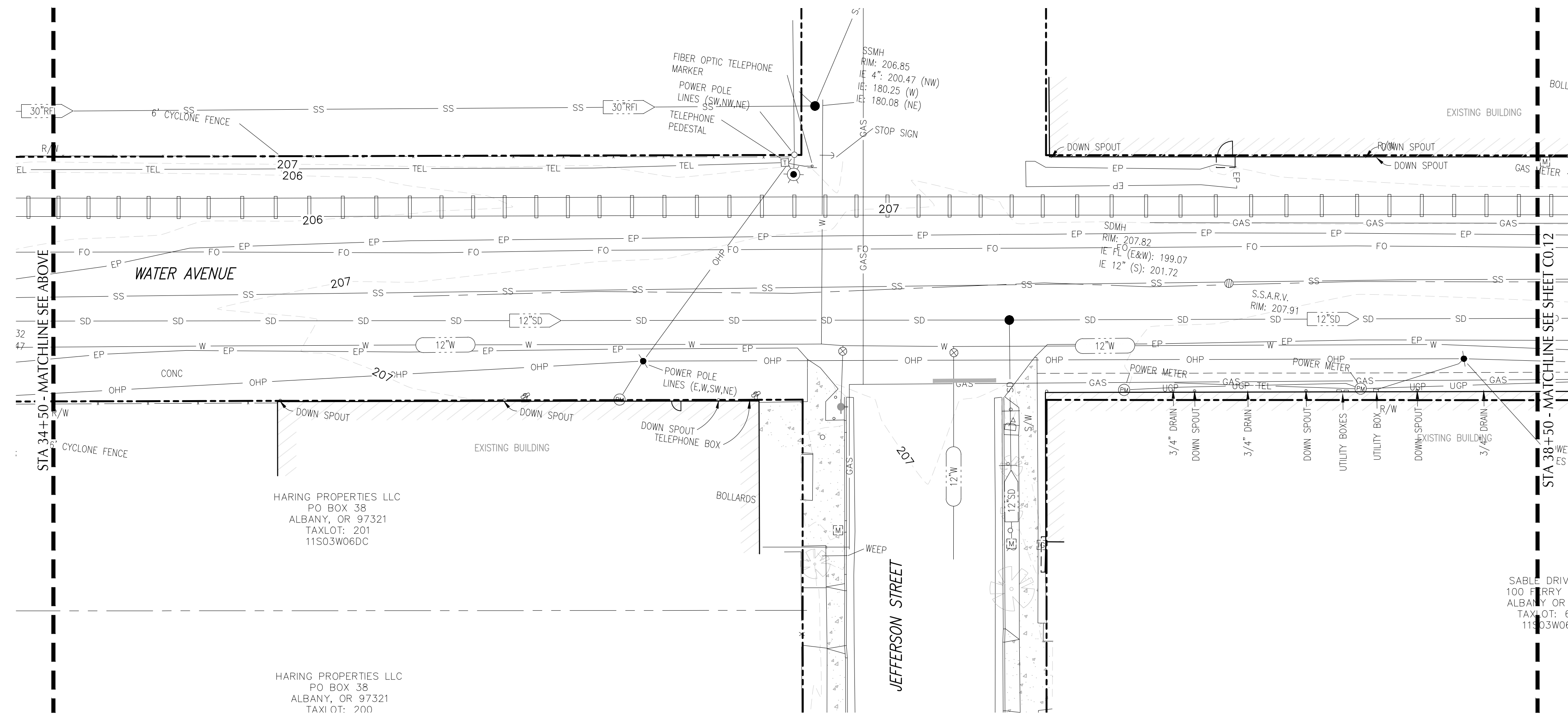
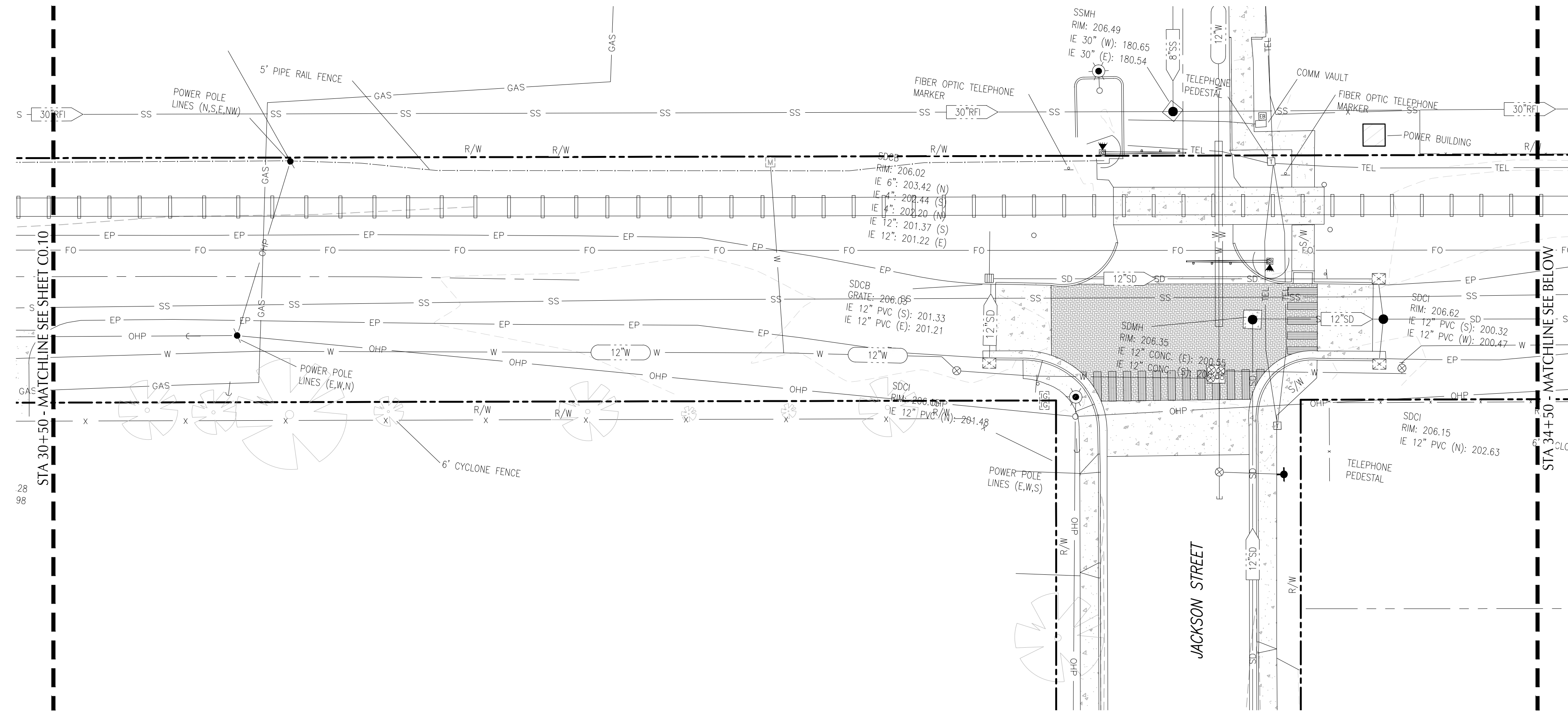
K & D
 K&D ENGINEERING, INC.
 276 N.W. HICKORY ST.
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ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EXISTING CONDITIONS PLAN

SHEET NO.
C0.10

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH\0193-0.8-EXIST-PH1.dwg TAB: CO.11
 Plotted: 3/10/22 at 10:28am By: WMorris



LEGEND:

- FOUND MONUMENT
- CALCULATED POINT FROM RECORD DATA
- △ SURVEY CONTROL POINT
- EXISTING MANHOLE
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- 30"RFI UNDERGROUND UTILITY DESCRIPTION

WETLANDS

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- EP— EXISTING EDGE OF PAVEMENT
- TEL— EXISTING TELEPHONE LINE
- FO— EXISTING FIBER OPTIC LINE
- GAS— EXISTING NATURAL GAS LINE
- OHP— EXISTING OVERHEAD POWER LINE
- UGP— EXISTING UNDERGROUND POWER LINE
- X— EXISTING FENCE LINE
- — — PROPERTY LINE
- — — FLOODZONE

REGISTERED PROFESSIONAL LAND SURVEYOR
 Digital Signature
 OREGON JULY 9, 2002
JOE J. COTA
 #58561LS
 Renewal: 12/31/21



DESIGNED BY	CK/AM/TK	DESCRIPTION
DRAWN BY	JRC/KY	
CHECKED BY	FM/MK/CV	
DATE APPD.		
REVISION		
DATE		



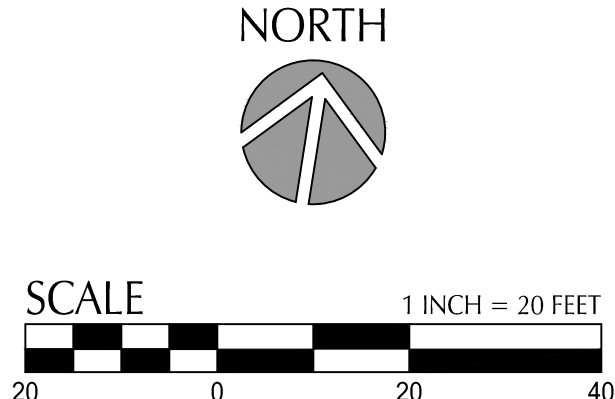
800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
www.kpff.com

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 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

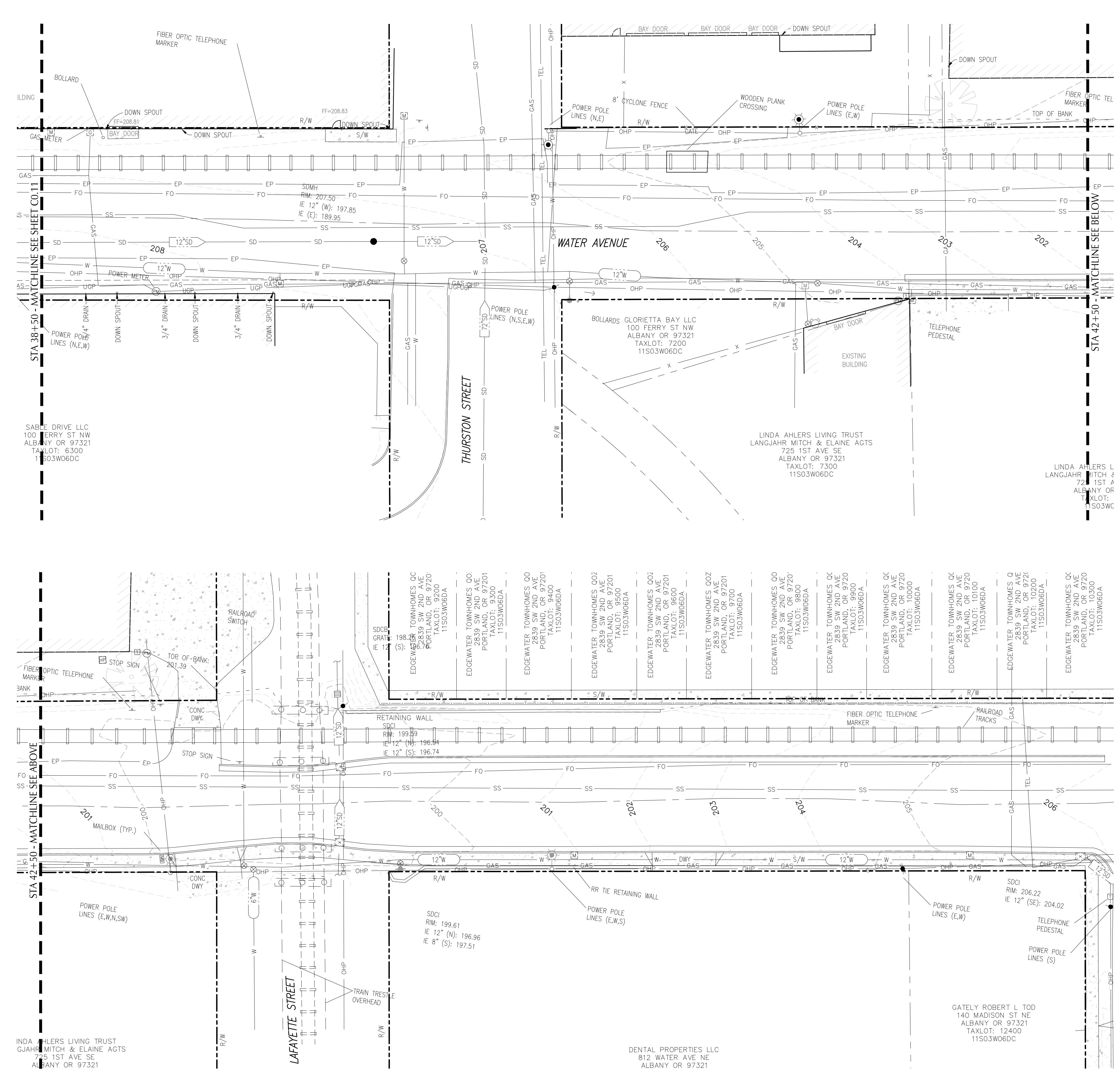
K & D
 K&D ENGINEERING, INC.
 276 N.W. HICKORY ST.
 P.O. BOX 725
 ALBANY, OREGON 97321
 (541) 928-2883

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EXISTING CONDITIONS PLAN

SHEET NO.
CO.11



File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-0.8-EXIST-PH1.dwg TAB: C0.12
 Plotted: 3/10/22 at 10:28am By: WMorris



LEGEND:

- FOUND MONUMENT
- CALCULATED POINT FROM RECORD DATA
- △ SURVEY CONTROL POINT
- EXISTING MANHOLE
- EXISTING CLEAN OUT
- EXISTING FLAG POLE
- ⊕ EXISTING SIGN
- ⊞ EXISTING ELECTRICAL BOX
- ⊞ EXISTING GAS VALVE
- ⊞ EXISTING GAS METER
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- ↑ EXISTING GUY ANCHOR
- ⊞ EXISTING SPIGOT
- ⊞ EXISTING WATER METER
- ⊞ EXISTING FIRE HYDRANT
- ⊞ EXISTING VALVE
- ⊞ EXISTING CATCH BASIN
- ⊞ EXISTING CATCH BASIN UNLESS OTHERWISE NOTED
- ⊞ EXISTING CURB INLET
- ⊞ EXISTING HEAT PUMP
- ⊞ EXISTING POWER BOX
- ⊞ EXISTING PHONE PEDESTAL
- ⊞ EXISTING COMMUNICATIONS BOX
- ⊞ EXISTING WELL
- ⊞ EXISTING FDC
- ⊞ EXISTING IRRIGATION VALVE
- ⊞ EXISTING POWER METER
- ⊞ EXISTING TV PEDESTAL
- ⊞ WETLAND SAMPLE POINT
- ⊞ EXISTING TRASH CAN
- ⊞ EXISTING MAILBOX
- ⊞ EXISTING DECIDUOUS TREE
- ⊞ EXISTING CONIFER TREE
- ⊞ EXISTING SNAG
- ⊞ EXISTING BENCH
- ▲ EXISTING RAIL CROSSING SIGNAL
- 30° RFI UNDERGROUND UTILITY DESCRIPTION
- WETLANDS
- AC ASPHALT
- CONC. CONCRETE
- C.R. COUNTY ROAD
- FF FINISH FLOOR
- I.E. INVERT ELEVATION
- LND LANDSCAPING
- R.D. RAIN DRAIN
- R/W RIGHT OF WAY
- OHW ORDINARY HIGH WATER
- TOB TOP OF BANK
- TOE TOP OF BANK
- W- EXISTING WATER LINE
- SD- EXISTING STORM DRAIN LINE
- SS- EXISTING SANITARY SEWER LINE
- EP- EXISTING EDGE OF PAVEMENT
- TEL- EXISTING TELEPHONE LINE
- FO- EXISTING FIBER OPTIC LINE
- GAS- EXISTING NATURAL GAS LINE
- OHP- EXISTING OVERHEAD POWER LINE
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- - - PROPERTY LINE
- - - FLOODZONE

REGISTERED PROFESSIONAL LAND SURVEYOR
 Digital Signature
 OREGON JULY 9, 2002
JOE J. COTA
 #58561LS
 Renewal: 12/31/21



DESIGNED BY	CK/WM/TK	DESCRIPTION
DRAWN BY	JRC/KY	
CHECKED BY	FM/MK/CV	
DATE APPD.		
REVISION		
DATE		

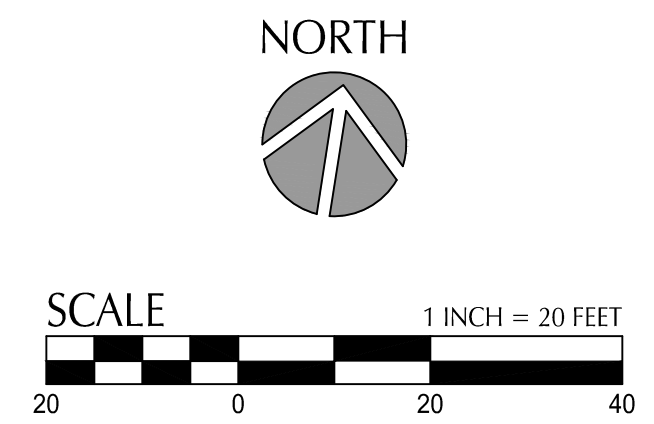
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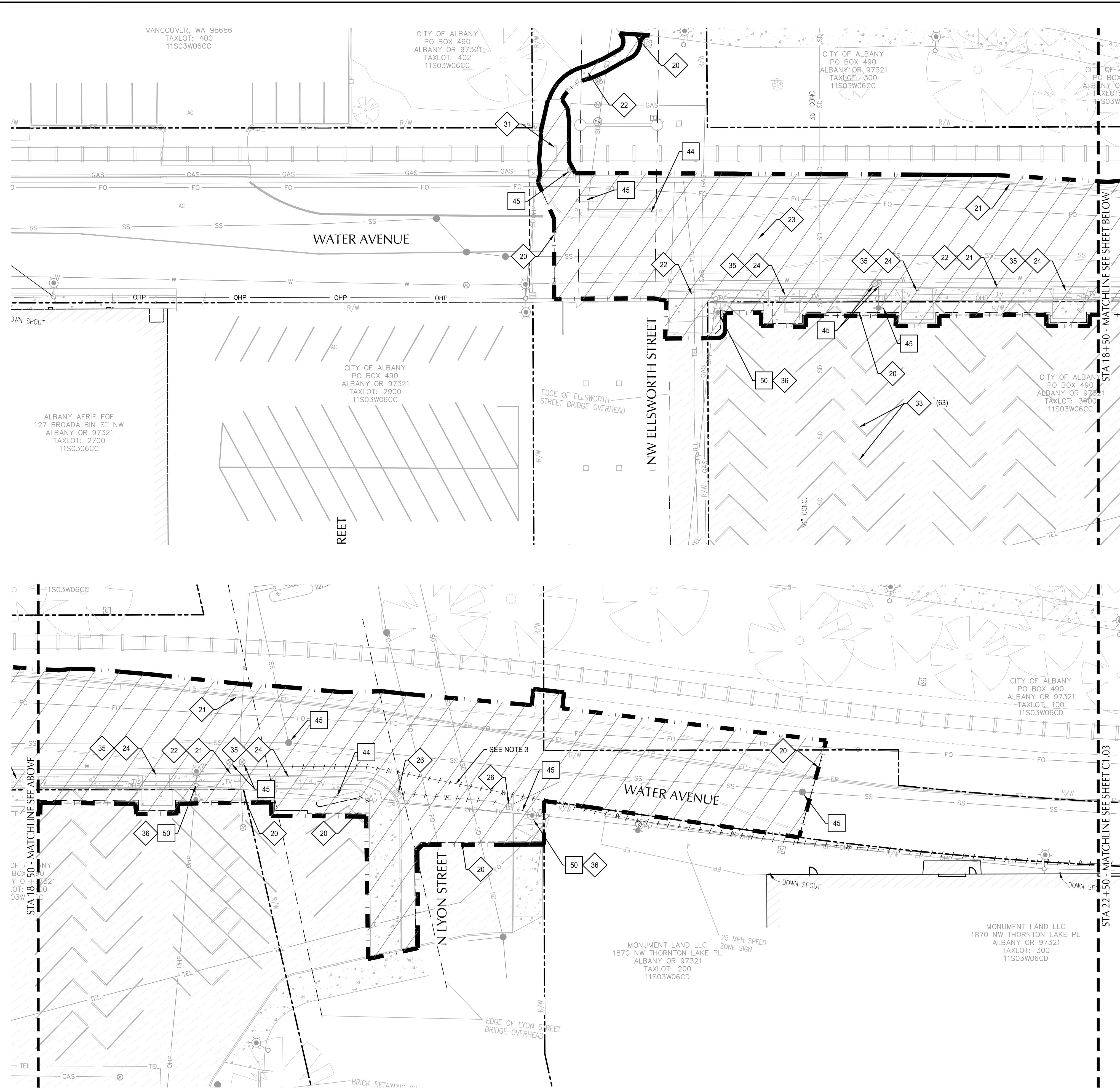
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EXISTING CONDITIONS PLAN

SHEET NO.
C0.12



PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-01-DEMO-PH1.dwg TAB: C1.02
 Plotted: 3/10/22 at 10:28am By: WMorris



SHEET NOTES

1. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
2. UNLESS SPECIFICALLY NOTED TO BE ABANDONED OR REMOVED, PROTECT ALL UNDERGROUND AND ABOVE GROUND UTILITIES INCLUDING ASSOCIATED STRUCTURES, VALVES, LIDS, BOXES AND VAULTS.
3. SEE WATERLINE REPLACEMENT SHEETS C10.01-C10.19 FOR REMOVAL OF EXISTING WATER LINE. THIS PLAN SHOWS THE EXISTING WATER LINE AND DOES NOT SHOW THE PROPOSED REPLACEMENT WATER MAIN.
4. SEE SIGNAGE AND STRIPING PLANS FOR SIGNS TO BE REMOVED, SALVAGED AND PROTECTED.
5. CONTRACTOR SHALL ADHERE TO REQUIREMENTS OF THE APPROVED RAIL PERMIT WHEN WORKING WITHIN RAIL RIGHT-OF-WAY, RAIL OR TRACK BALLAST. SEE RAILROAD IMPROVEMENT COORDINATION NOTES ON SHEET C0.03.
6. PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE COORDINATION NOTES ON SHEET C0.03

X DEMOLITION KEY NOTES

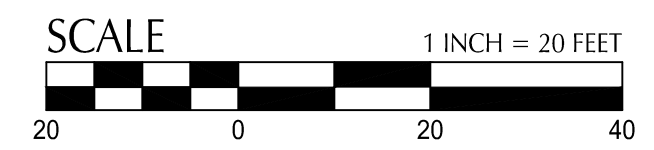
- 20 SAWCUT EXISTING PAVEMENT
- 21 REMOVE CONCRETE CURB/CURB & GUTTER
- 22 REMOVE CONCRETE SIDEWALK
- 23 REMOVE ASPHALT PAVEMENT
- 24 REMOVE CONCRETE DRIVEWAY
- 26 REMOVE CATCH BASIN AND LATERAL TO MAIN OR MANHOLE
- 31 REMOVE RAILROAD PANEL/CONCRETE (SEE NOTE 5), BY RAIL CONTRACTOR UNDER SEPARATE CONTRACT.
- 33 REMOVE WHEEL STOP
- 35 COORDINATE DRIVEWAY REMOVAL WITH PARKING LOT IMPROVEMENTS. RETAIN PARKING LOT ACCESS UNTIL PROPOSED DRIVEWAYS HAVE BEEN CONSTRUCTED.
- 36 REMOVE EXISTING LIGHT ON UTILITY POLE

X PROTECTION KEY NOTES

- 44 PROTECT BRIDGE FOUNDATION
- 45 PROTECT UTILITY STRUCTURE
- 50 PROTECT UTILITY POLE

SHEET LEGEND

- PROPERTY LINE
- DEMOLITION/WORK LIMITS (SHOWN OFFSET FOR CLARITY)
- [] REMOVE PAVEMENT, FENCES, INLETS AND DRAINS, LANDSCAPING, TREES, STRUCTURES, WALLS, CURBS, GUTTERS AND SURFACE FEATURES UNLESS NOTED OTHERWISE. WHEN REMOVING STRUCTURES, CAP AND ABANDON UTILITIES. EXCAVATE TO PROPOSAL SUBGRADE. PROTECT EXISTING UTILITIES, POLES AND GUYS TO REMAIN.
- - - SAWCUT LINE
- . - . - . REMOVE OR ABANDON UTILITY LINE IN PLACE AND PLUG AT MANHOLE OR CONNECTION TO MAIN
- PROPOSED CURB LINE SHOWN FOR REFERENCE



DESIGNED BY	CK/AM/TK	DRAWN BY	JRC/KY	CHECKED BY	FM/WK/CV	DATE APD.	REVISION	DATE	DESCRIPTION

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 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
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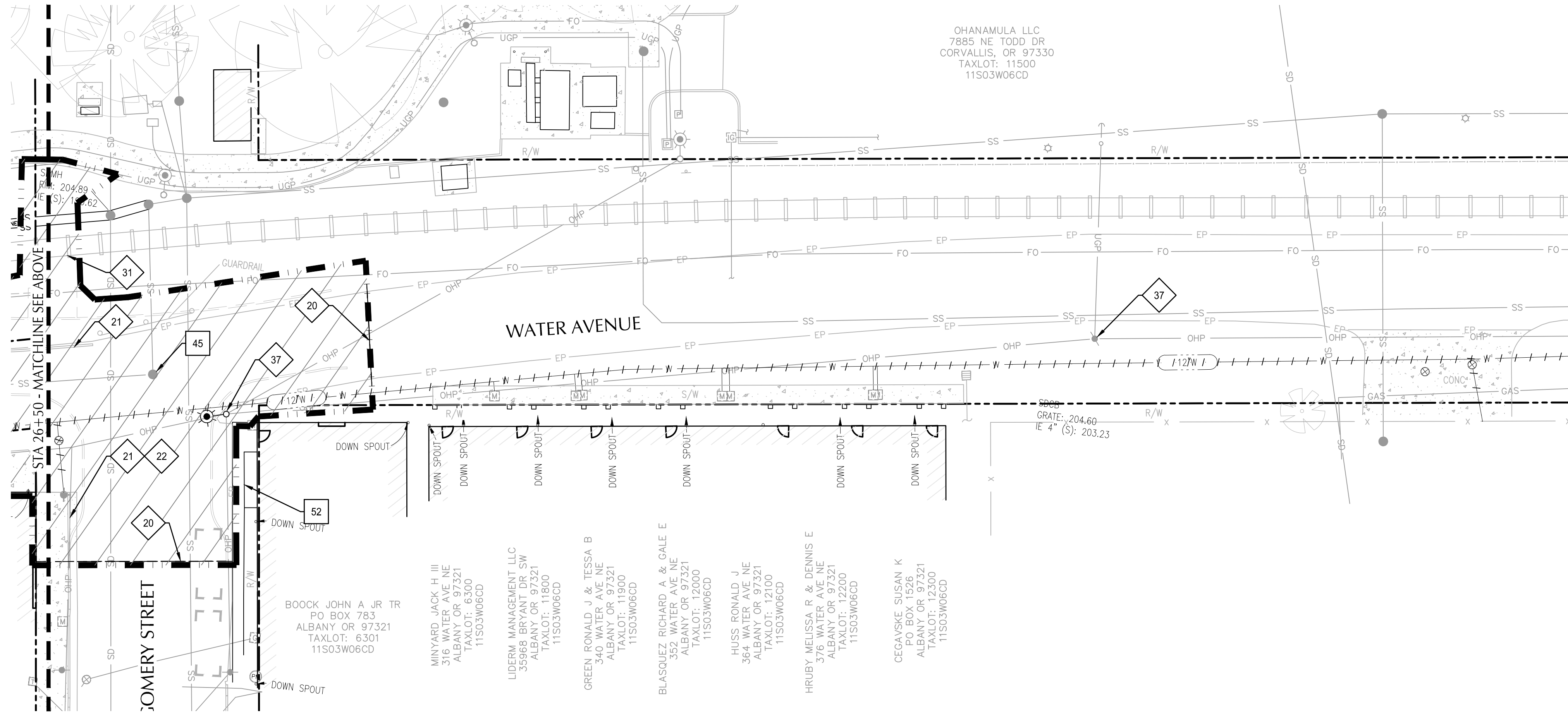
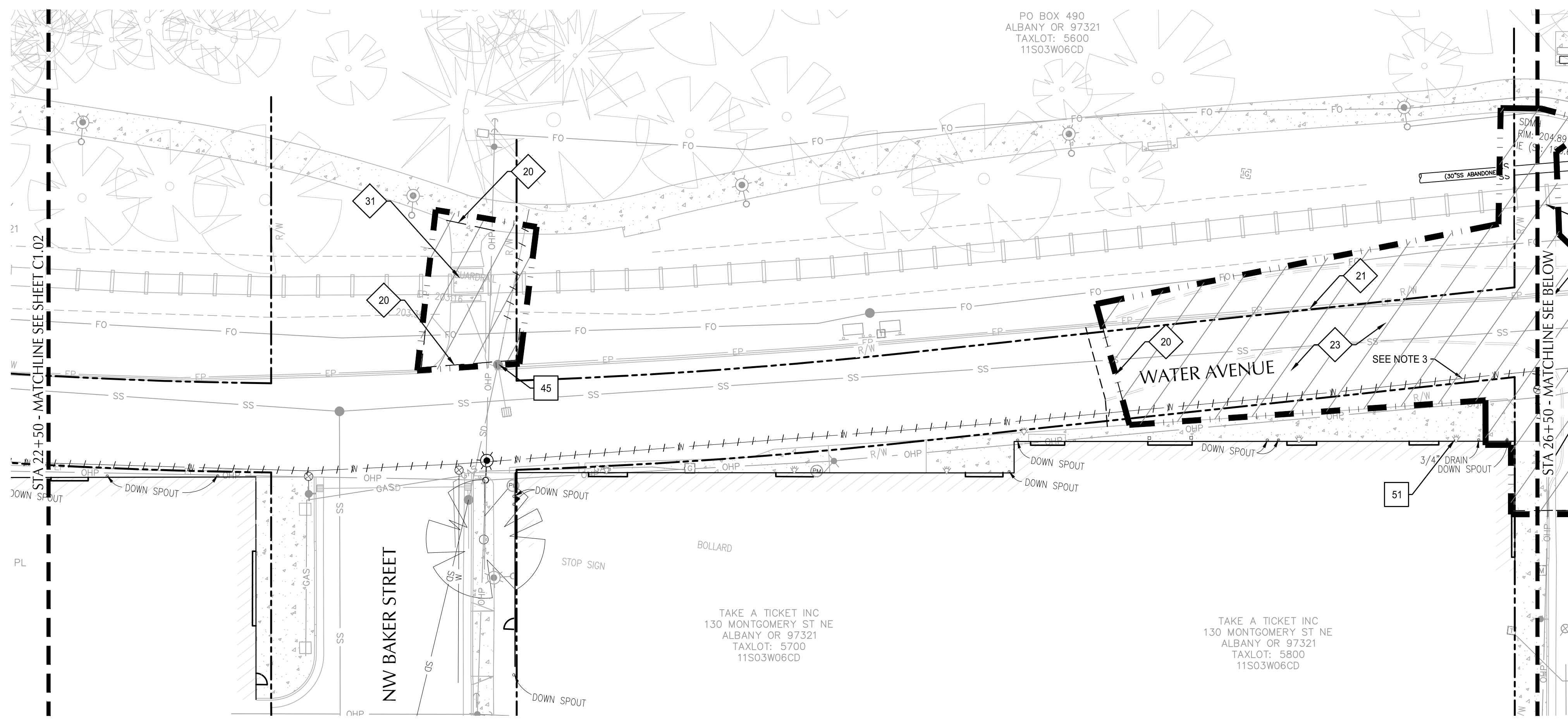
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 DEMOLITION PLAN

SHEET NO.
C1.02

PHASE 1 BID SET - 03/14/2022



SHEET NOTES

1. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
2. UNLESS SPECIFICALLY NOTED TO BE ABANDONED OR REMOVED, PROTECT ALL UNDERGROUND AND ABOVE GROUND UTILITIES INCLUDING ASSOCIATED STRUCTURES, VALVES, LIDS, BOXES AND VAULTS.
3. SEE WATERLINE REPLACEMENT SHEETS C10.01-C10.19 FOR REMOVAL OF EXISTING WATER LINE. THIS PLAN SHOWS THE EXISTING WATER LINE AND DOES NOT SHOW THE PROPOSED REPLACEMENT WATER MAIN.
4. SEE SIGNAGE AND STRIPING PLANS FOR SIGNS TO BE REMOVED, SALVAGED AND PROTECTED.
5. CONTRACTOR SHALL ADHERE TO REQUIREMENTS OF THE APPROVED RAIL PERMIT WHEN WORKING WITHIN RAIL RIGHT-OF-WAY, RAIL OR TRACK BALLAST. SEE RAILROAD IMPROVEMENT COORDINATION NOTES ON SHEET C0.03.
6. PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE COORDINATION NOTES ON SHEET C0.03

X DEMOLITION KEY NOTES

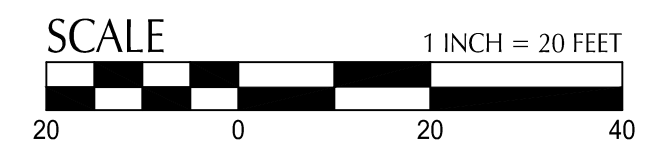
- 20 SAWCUT EXISTING PAVEMENT
- 21 REMOVE CONCRETE CURB/CURB & GUTTER
- 22 REMOVE CONCRETE SIDEWALK
- 23 REMOVE ASPHALT PAVEMENT
- 31 REMOVE RAILROAD PANEL/CONCRETE (SEE NOTE 5), BY RAIL CONTRACTOR UNDER SEPARATE CONTRACT.
- 37 RELOCATE UTILITY POLE, BY PACIFIC POWER

X PROTECTION KEY NOTES

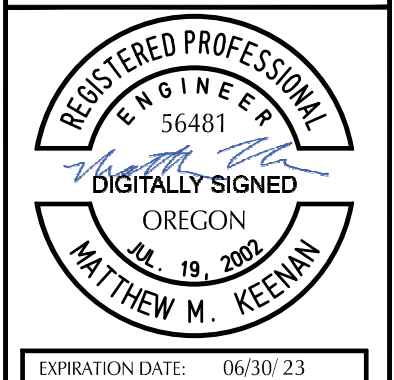
- 40 PROTECT SIDEWALK
- 45 PROTECT UTILITY STRUCTURE
- 50 PROTECT UTILITY POLE
- 51 PROTECT BUILDING LIGHT
- 52 PROTECT WOODEN SIDEWALK

SHEET LEGEND

- PROPERTY LINE
- DEMOLITION/WORK LIMITS (SHOWN OFFSET FOR CLARITY)
- REMOVE PAVEMENT, FENCES, INLETS AND DRAINS, LANDSCAPING, TREES, STRUCTURES, WALLS, CURBS, GUTTERS AND SURFACE FEATURES UNLESS NOTED OTHERWISE. WHEN REMOVING STRUCTURES, CAP AND ABANDON UTILITIES. EXCAVATE TO PROPOSAL SUBGRADE. PROTECT EXISTING UTILITIES, POLES AND GUYS TO REMAIN.
- SAWCUT LINE
- REMOVE OR ABANDON UTILITY LINE IN PLACE AND PLUG AT MANHOLE OR CONNECTION TO MAIN
- PROPOSED CURB LINE SHOWN FOR REFERENCE



DESIGNED BY	CK/MW/TK	DRAWN BY	JRC/KY	CHECKED BY	FM/MK/CV	DATE	APRD.	REVISION	DATE	DESCRIPTION

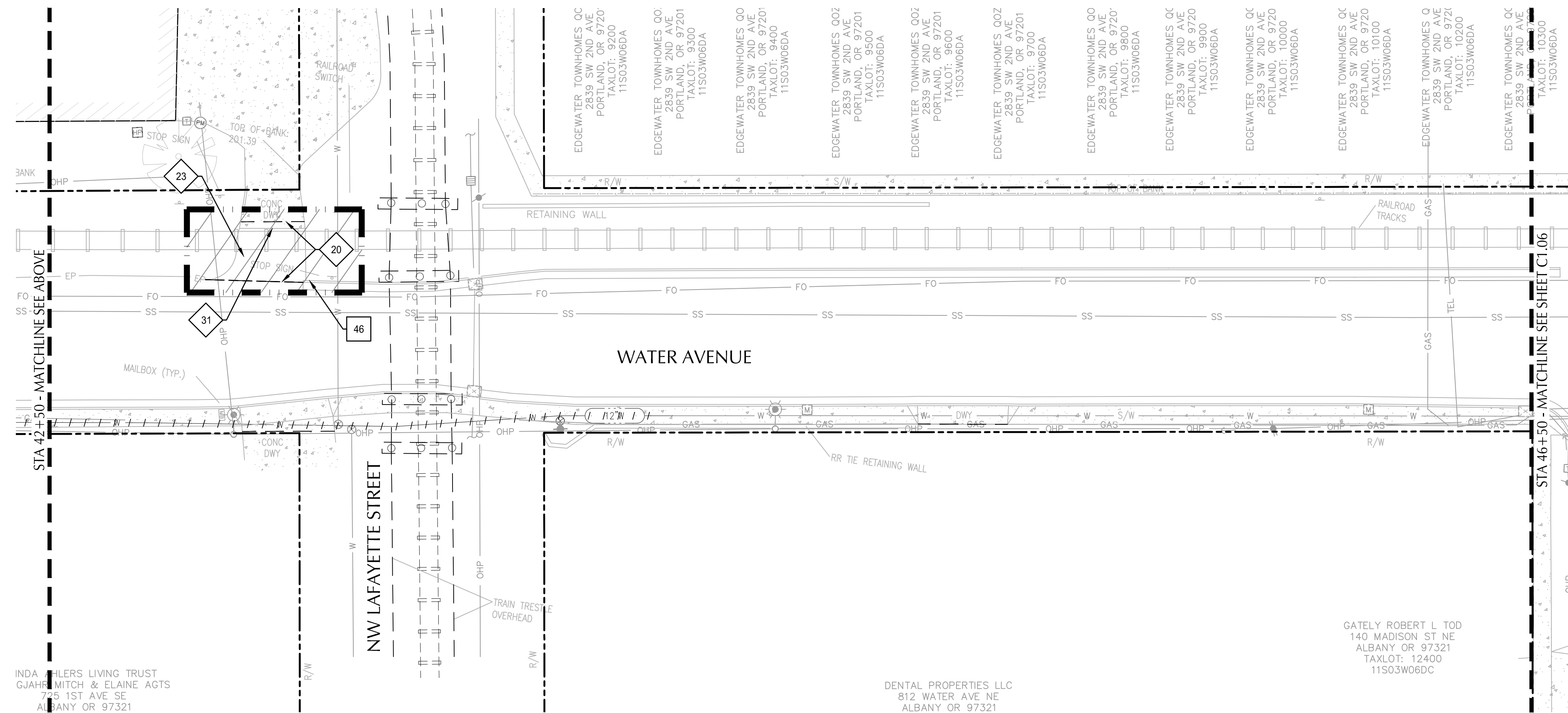
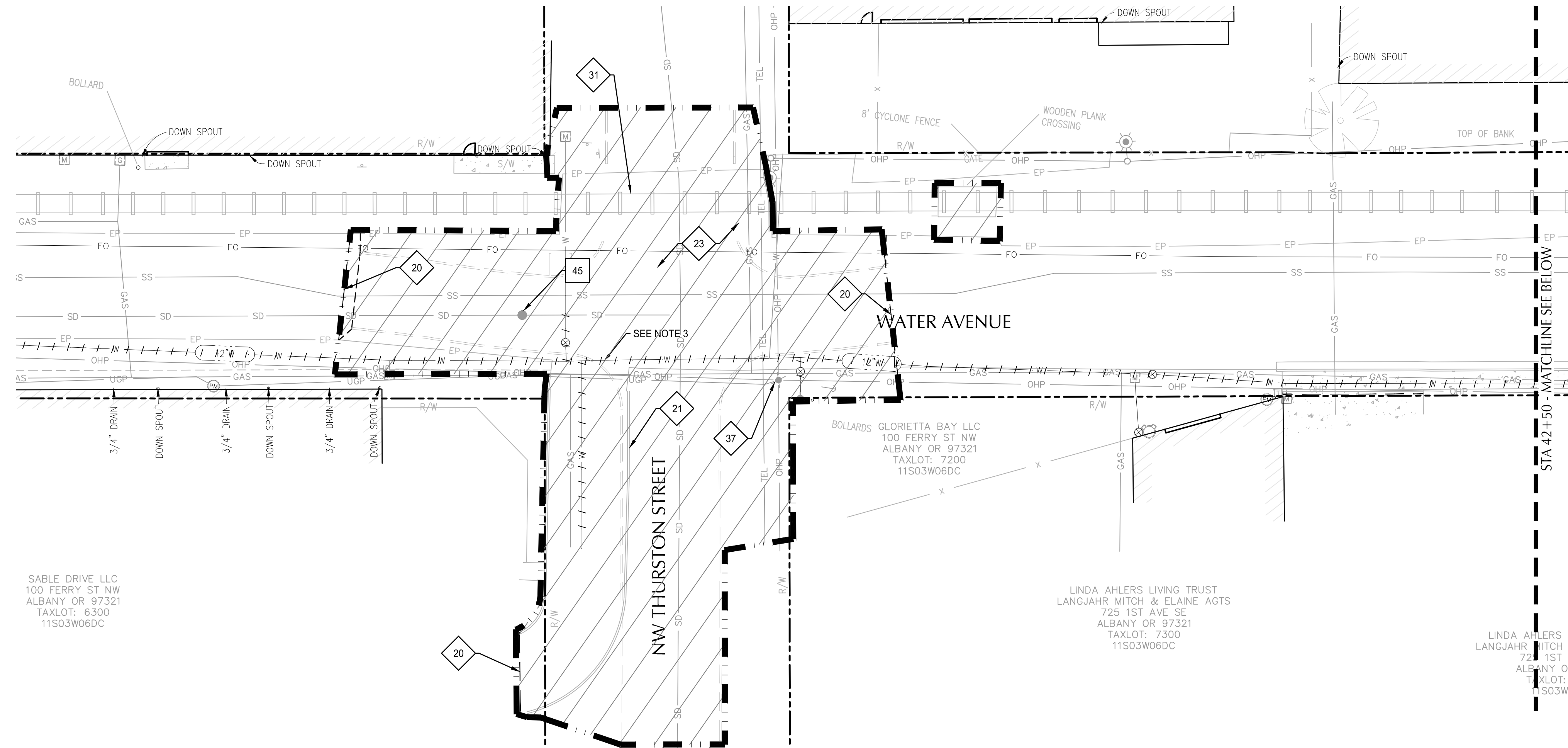


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 DEMOLITION PLAN

SHEET NO.
C1.03

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:28am By: WMorris



SHEET NOTES

- CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
- UNLESS SPECIFICALLY NOTED TO BE ABANDONED OR REMOVED, PROTECT ALL UNDERGROUND AND ABOVE GROUND UTILITIES INCLUDING ASSOCIATED STRUCTURES, VALVES, LIDS, BOXES AND VAULTS.
- SEE WATERLINE REPLACEMENT SHEETS C10.01-C10.19 FOR REMOVAL OF EXISTING WATER LINE. THIS PLAN SHOWS THE EXISTING WATER LINE AND DOES NOT SHOW THE PROPOSED REPLACEMENT WATER MAIN.
- SEE SIGNAGE AND STRIPING PLANS FOR SIGNS TO BE REMOVED, SALVAGED AND PROTECTED.
- CONTRACTOR SHALL ADHERE TO REQUIREMENTS OF THE APPROVED RAIL PERMIT WHEN WORKING WITHIN RAIL RIGHT-OF-WAY, RAIL OR TRACK BALLAST. SEE RAILROAD IMPROVEMENT COORDINATION NOTES ON SHEET C0.03.
- PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE COORDINATION NOTES ON SHEET C0.03

X DEMOLITION KEY NOTES

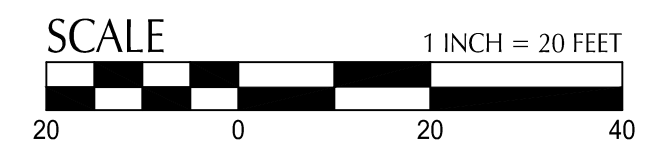
- 20 SAWCUT EXISTING PAVEMENT
- 21 REMOVE CONCRETE CURB/CURB & GUTTER
- 23 REMOVE ASPHALT PAVEMENT
- 31 REMOVE RAILROAD PANEL/CONCRETE (SEE NOTE 5), BY RAIL CONTRACTOR UNDER SEPARATE CONTRACT.
- 37 RELOCATE UTILITY POLE. BY PACIFIC POWER

X PROTECTION KEY NOTES

- 45 PROTECT UTILITY STRUCTURE
- 46 PROTECT CURB

SHEET LEGEND

- PROPERTY LINE
- DEMOLITION/WORK LIMITS (SHOWN OFFSET FOR CLARITY)
- REMOVE PAVEMENT, FENCES, INLETS AND DRAINS, LANDSCAPING, TREES, STRUCTURES, WALLS, CURBS, GUTTERS AND SURFACE FEATURES UNLESS NOTED OTHERWISE. WHEN REMOVING STRUCTURES, CAP AND ABANDON UTILITIES. EXCAVATE TO PROPOSAL SUBGRADE. PROTECT EXISTING UTILITIES, POLES AND GUYS TO REMAIN.
- SAWCUT LINE
- REMOVE OR ABANDON UTILITY LINE IN PLACE AND PLUG AT MANHOLE OR CONNECTION TO MAIN
- PROPOSED CURB LINE SHOWN FOR REFERENCE



DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD:

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 DEMOLITION PLAN

SHEET NO.
C1.05



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
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 CHECKED BY: FM/MK/CV
 DATE APPD:



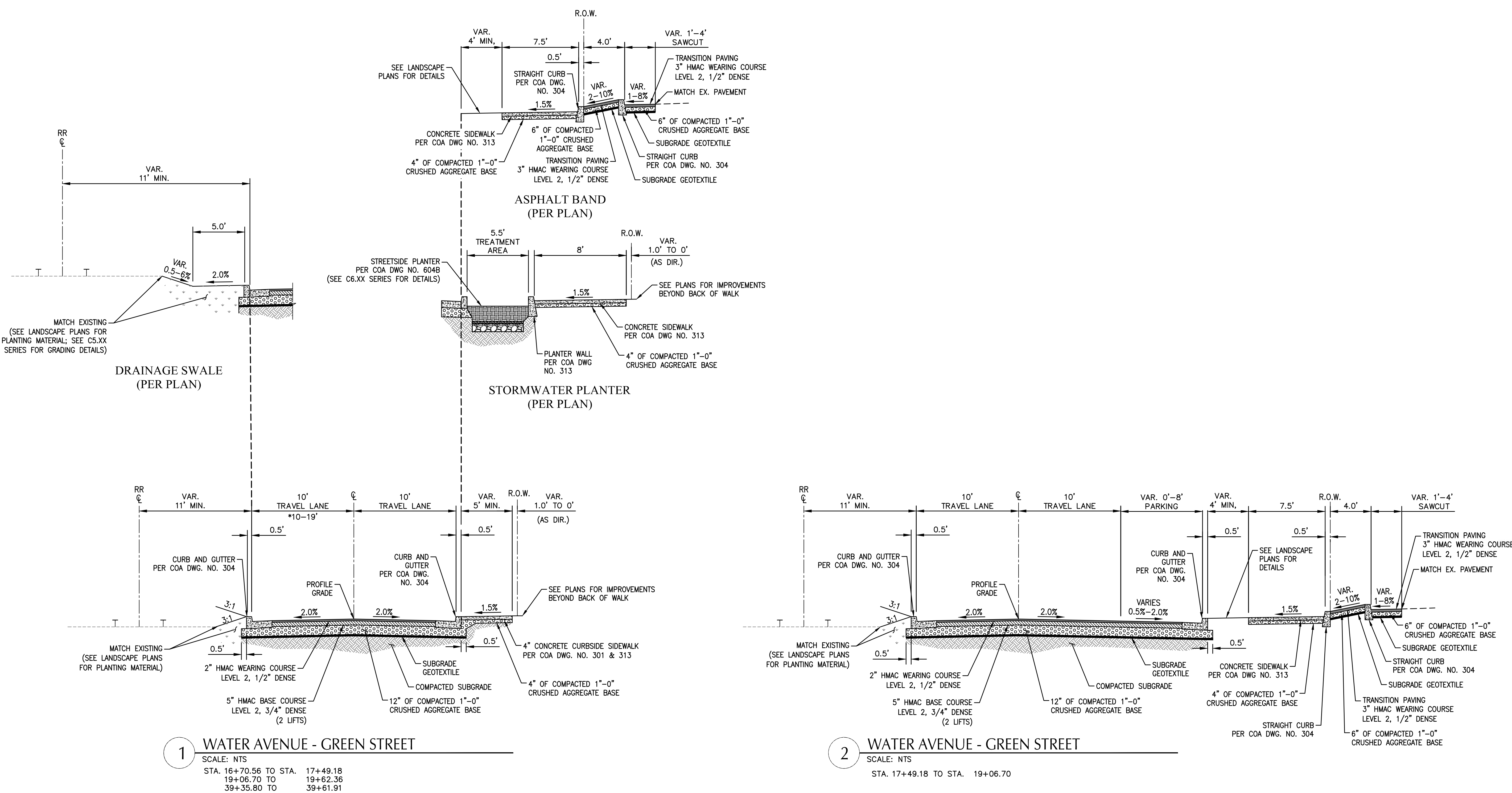
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 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122



ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 TYPICAL SECTIONS

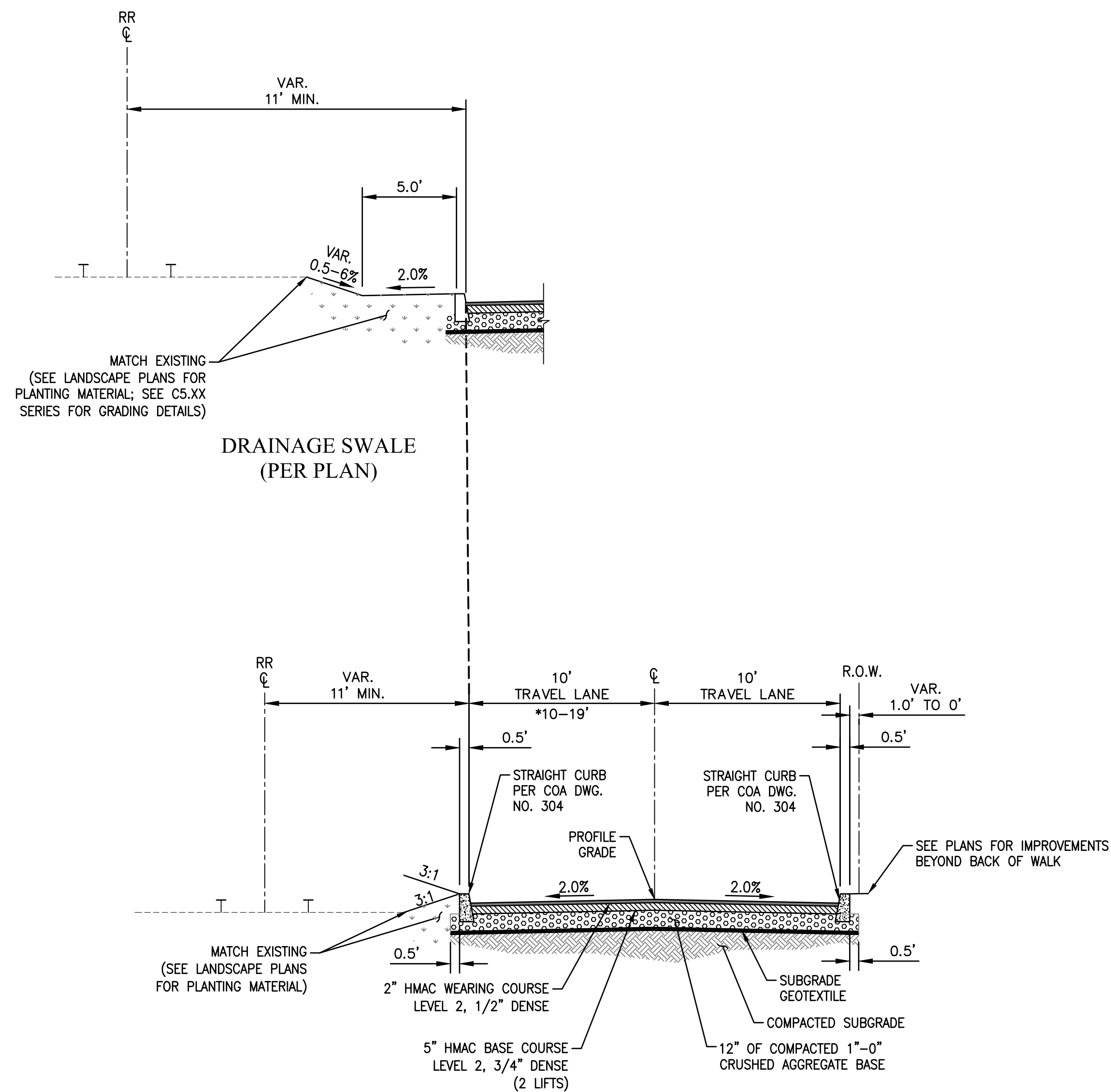
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C2.01

PHASE 1 BID SET - 03/14/2022



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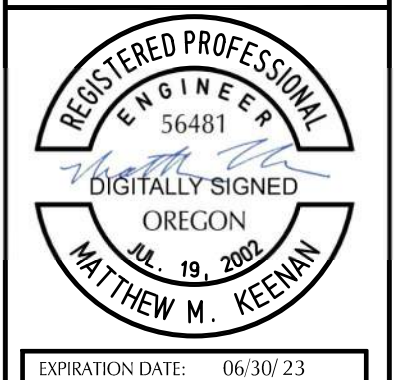


3 WATER AVENUE - TRANSITIONS
 SCALE: NTS
 STA. 20+58.85 TO STA. 21+41.25
 25+30.35 TO 26+17.54
 27+17.97 TO 27+26.00
 39+30.80 TO 39+35.80
 40+63.74 TO 40+75.19



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD.:

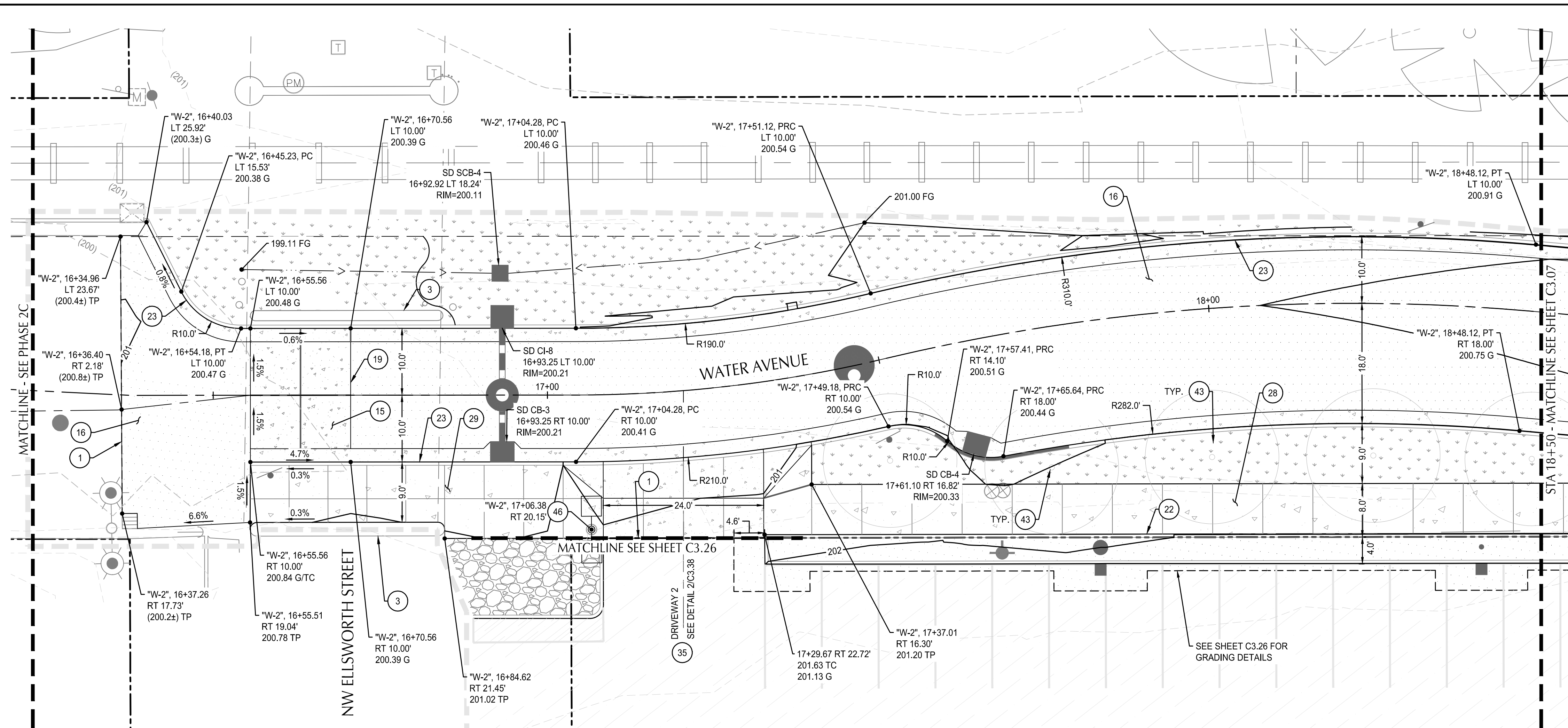


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 TYPICAL SECTIONS

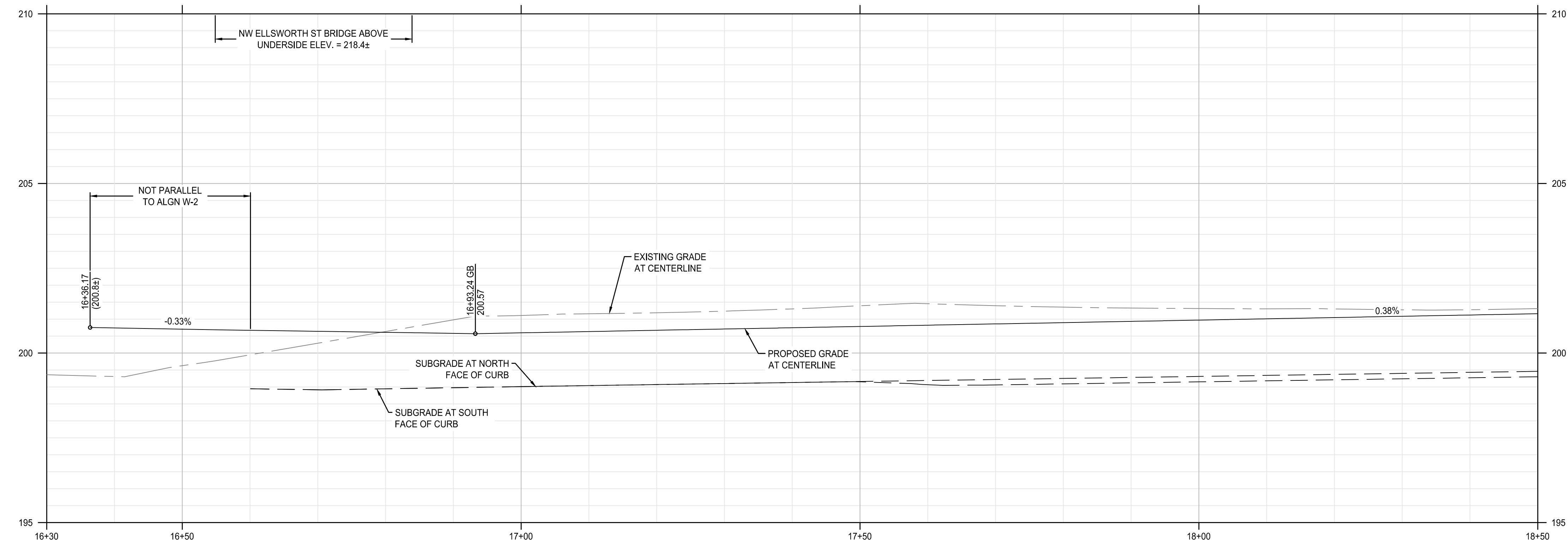
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PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 9:50am By: ckniphuisen



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ. 1" = 10'
 VERT. 1" = 2'

SHEET NOTES

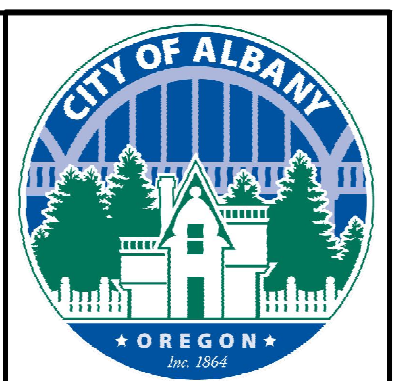
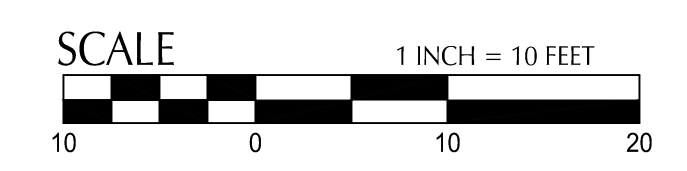
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
- SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
- SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
- SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
- SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELL/GRATES, PLANTING AND IRRIGATION.
- SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
- SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

KEYNOTES

- MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
- PROTECT EXISTING BRIDGE FOUNDATION.
- CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR.
- CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
- CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
- CONSTRUCT TYPICAL CURB AND GUTTER. SEE COA STD DWG NO-304.
- CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
- CONSTRUCT 4" CURB SIDE SIDEWALK. SEE COA STD DWG NO-301 & 313.
- CONSTRUCT COMMERCIAL DRIVEWAY WITH SETBACK SIDEWALK, WIDTH SHOWN ON PLANS. SEE COA STD DWG NO-308.
- TREE (SEE LANDSCAPE PLANS)
- STREET LIGHT (SEE ILLUMINATION PLANS)

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR (-49)
- EXISTING CONTOUR MAJOR (-50)
- PROPOSED CONTOUR MINOR (-49)
- PROPOSED CONTOUR MAJOR (-50)
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



DESIGNED BY	CK/AM/TK	DRAWN BY	JRC/KY	CHECKED BY	FM/WK/CV	DATE	APRD.	REVISION	DATE	DESCRIPTION

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800 Willamette Street, Suite 400
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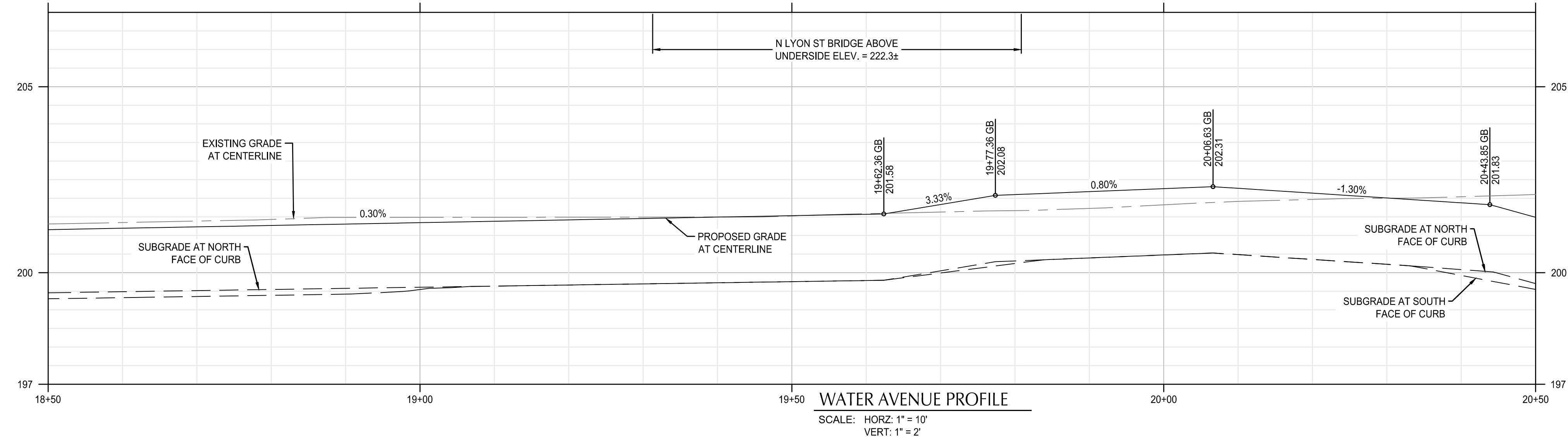
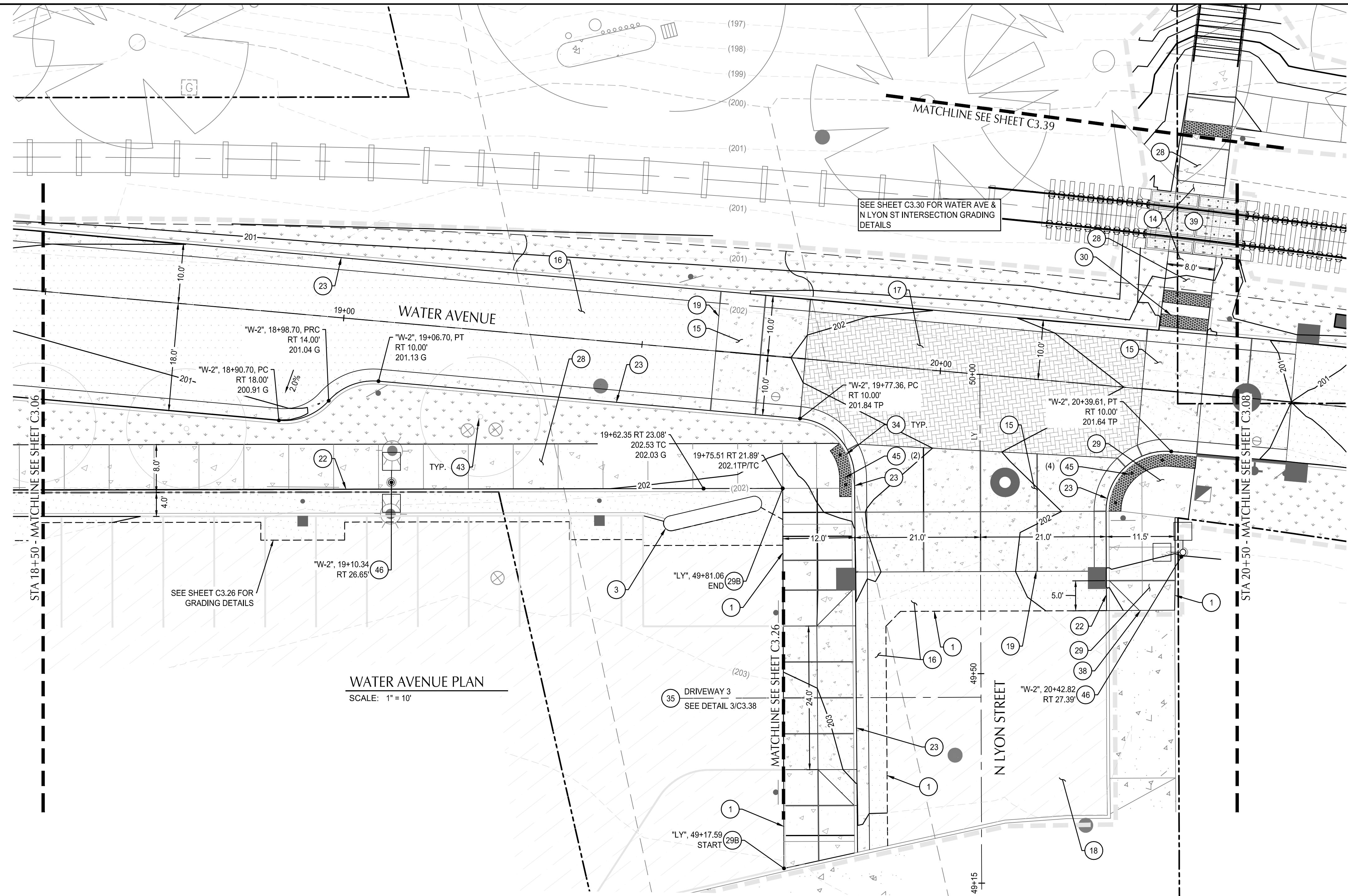
REGISTERED PROFESSIONAL ENGINEER
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 OREGON
 JUL 19, 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 16+50 TO STA 18+50

SHEET NO.
C3.06

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-albany-waterfront\CAD\LOT\public-ph1\0193-03-ST.dwg TAB: C3.07
 Plotted: 3/10/22 at 9:50am By: ckniphusen



- SHEET NOTES**
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
 - SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
 - SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 - SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
 - SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELLS/GRATES, PLANTING AND IRRIGATION.
 - SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
 - SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

- KEYNOTES**
- MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
 - PROTECT EXISTING BRIDGE FOUNDATION.
 - CONSTRUCT TRANSITION PAVEMENT. SEE DETAIL 3, SHEET C4.01.
 - CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR. SEE DETAIL 1, SHEET C4.01.
 - CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
 - CONSTRUCT CONCRETE UNIT PAVER ROADWAY. SEE LANDSCAPE PLANS.
 - SLURRY SEAL.
 - CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
 - CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
 - CONSTRUCT TYPICAL CURB AND GUTTER. SEE COA STD DWG NO-304.
 - CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
 - CONSTRUCT 4" CURB SIDE SIDEWALK. SEE COA STD DWG NO-301 & 313.
 - CONSTRUCT CURB RAMP. SEE COA STD DWG NO-315.
 - INSTALL DETECTABLE WARNING. SEE COA STD DWG NO-315.
 - CONSTRUCT COMMERCIAL DRIVEWAY WITH SETBACK SIDEWALK, WIDTH SHOWN ON PLANS. SEE COA STD DWG NO-308.
 - CONSTRUCT DRIVEWAY WING, WIDTH SHOWN ON PLANS. SEE COA STD DWG NO-308A.
 - COORDINATE WITH RAIL IMPROVEMENT PROJECT. SEE NOTES ON SHEET C0.03.
 - TREE (SEE LANDSCAPE PLANS)
 - BOLLARD (SEE LANDSCAPE PLANS)
 - STREET LIGHT (SEE ILLUMINATION PLANS)

- SHEET LEGEND**
- RIGHT-OF-WAY LINE
 - ROAD AND RAIL CENTER LINE
 - RAIL SETBACK (11') (SEE NOTE 7)
 - LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
 - SAFETY RAILING (SEE LANDSCAPE PLANS)
 - SWALE CENTER LINE
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - PROPOSED CONTOUR MINOR
 - PROPOSED CONTOUR MAJOR
 - CONCRETE PAVEMENT - VEHICULAR
 - STANDARD ASPHALT PAVEMENT - VEHICULAR
 - STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
 - LANDSCAPING AREA (SEE LANDSCAPE PLANS)
 - CONCRETE SIDEWALK
 - CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
 - AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
 - DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
 - SLURRY SEAL

DESIGNED BY CK/MM/TK
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CHECKED BY FM/MK/CV
DATE APD.

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

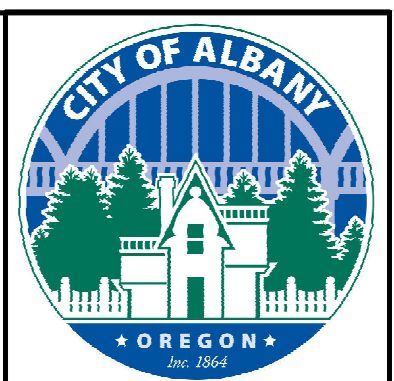
REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 18+50 TO STA 20+50

SHEET NO.
C3.07

NORTH

SCALE 1 INCH = 10 FEET



NO.	REVISION	DATE	DESCRIPTION

kpff
 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

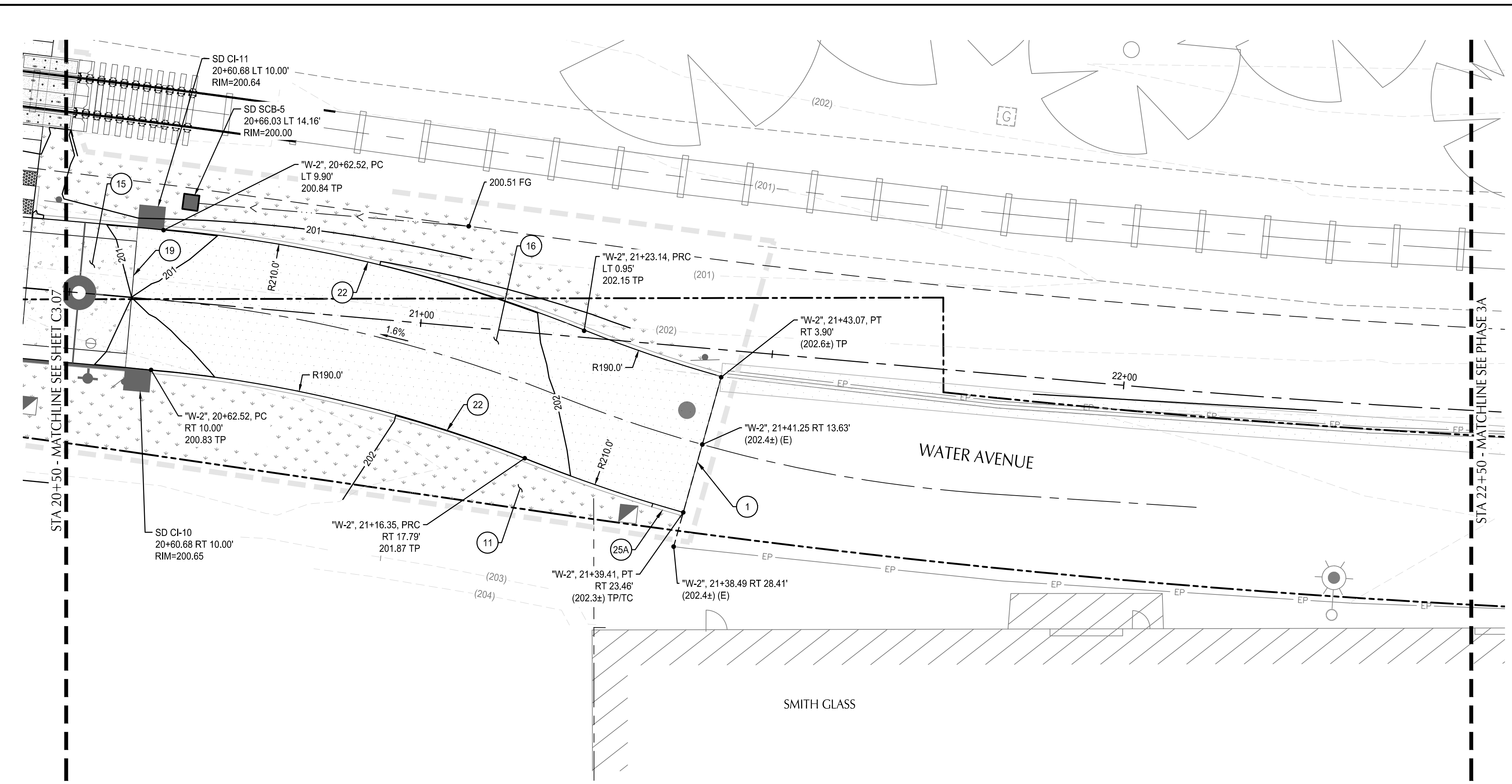
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ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 18+50 TO STA 20+50

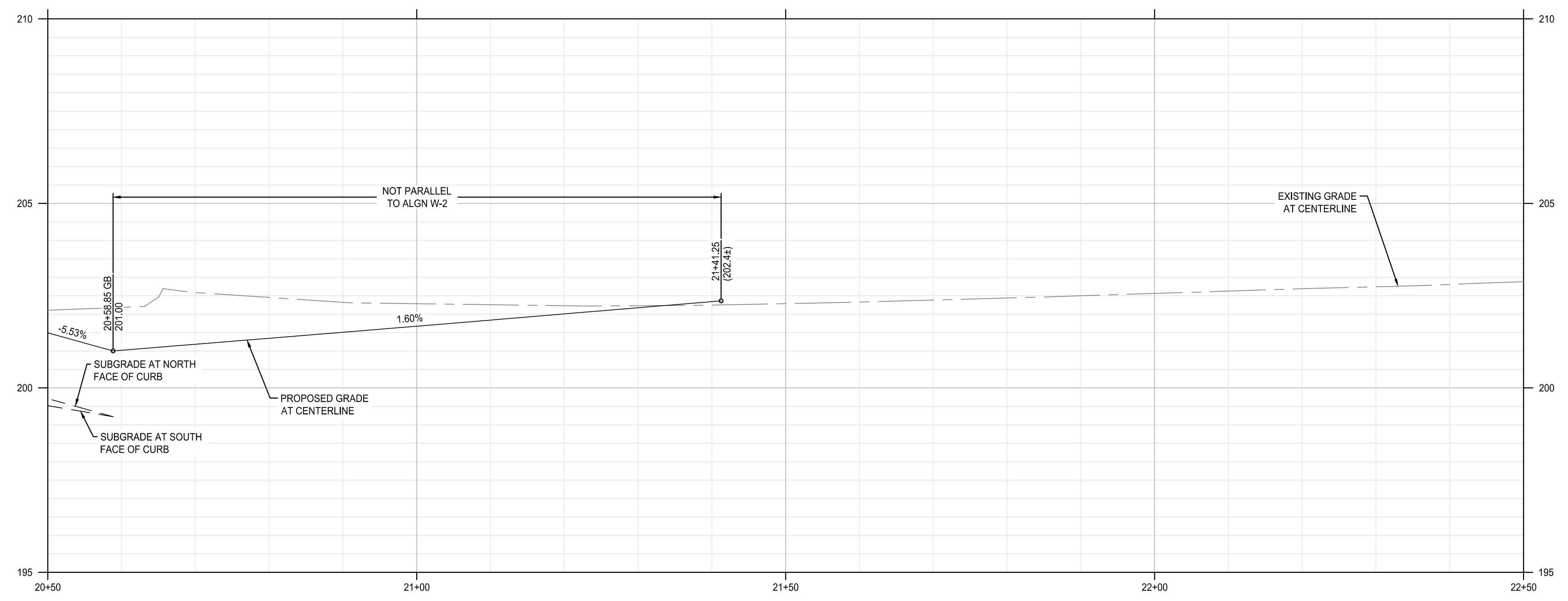
SHEET NO.
C3.07

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 9:51am By: ckiphuisen



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

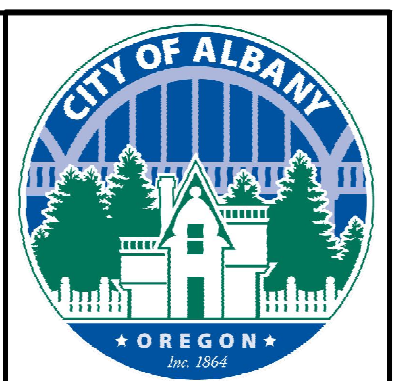
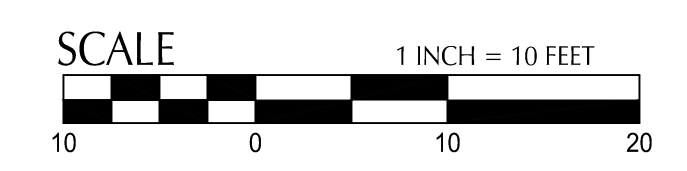
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
- SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
- SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
- SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
- SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELLS/GRATES, PLANTING AND IRRIGATION.
- SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
- SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

KEYNOTES

- MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
- PROTECT/RESTORE LANDSCAPING AS NEEDED.
- CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR. SEE DETAIL 1, SHEET C4.01.
- CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
- CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
- CONSTRUCT CURB ENDING PER ODOT DETAIL RD700, SEE SHEET C4.02.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



DESIGNED BY	CK/AM/TK	DESCRIPTION
DRAWN BY	JRC/KY <td></td>	
CHECKED BY	FM/MK/CV <td></td>	
DATE APPD.		
REVISION		
DATE		

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 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

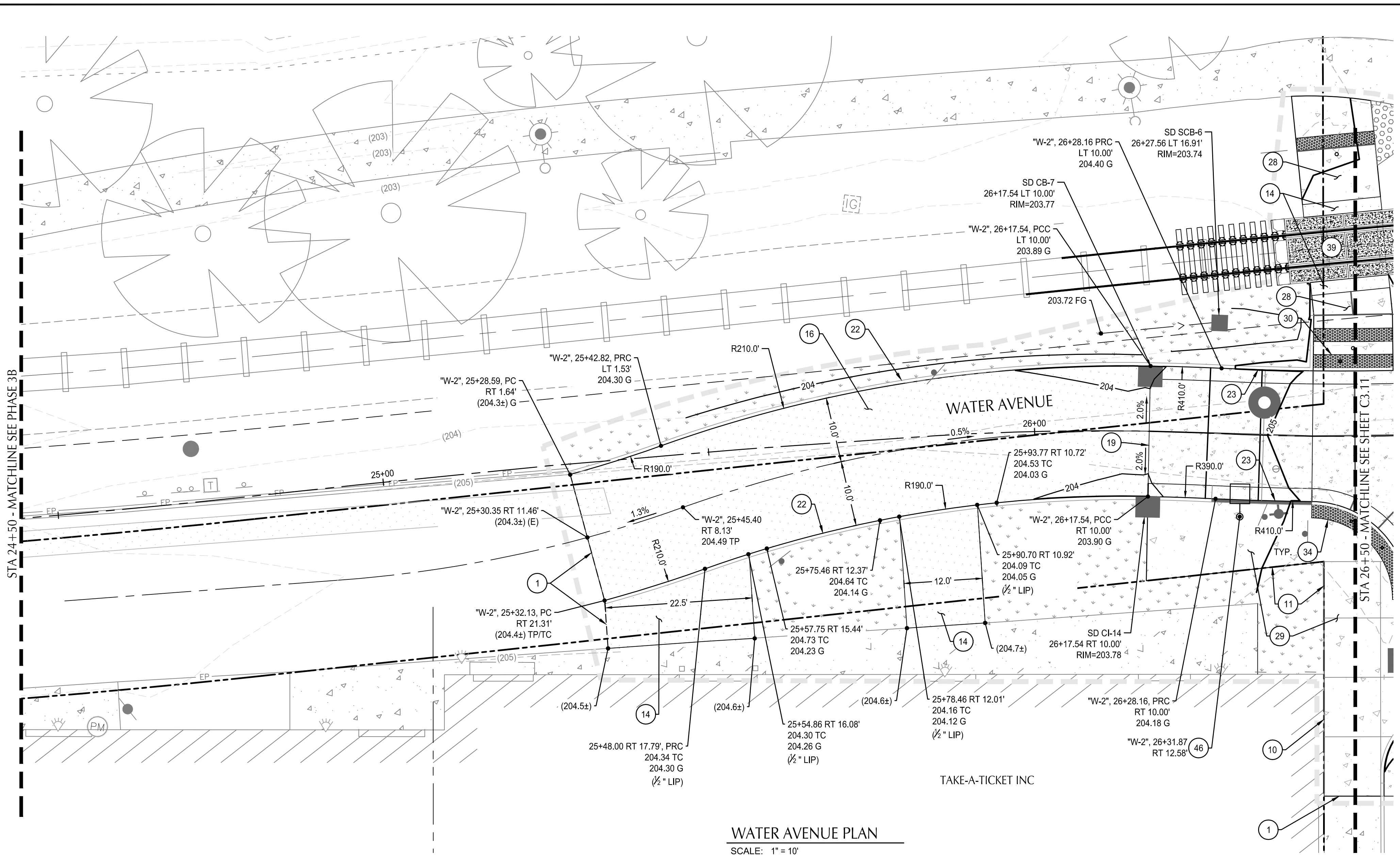
REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 APR 19 2022
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA
 20+50 TO STA 22+50

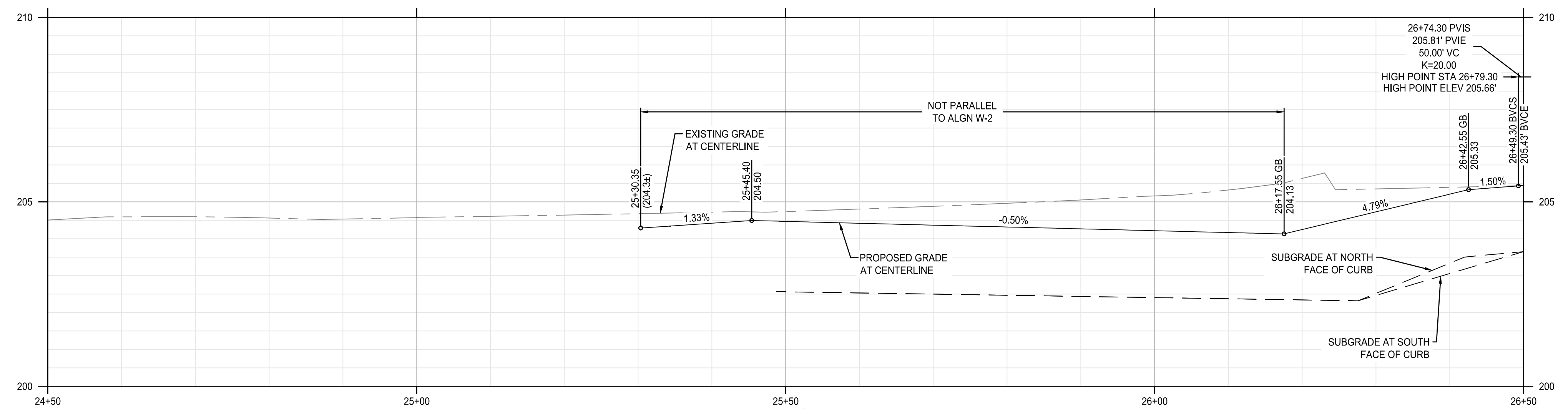
SHEET NO.
C3.08

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 9:51am By: ckiphuisen



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

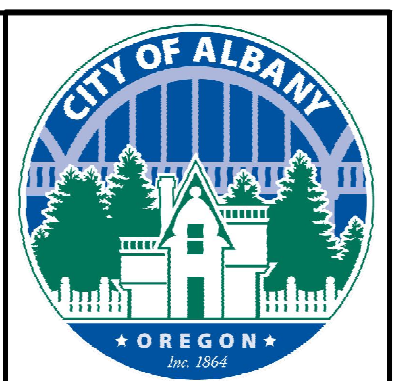
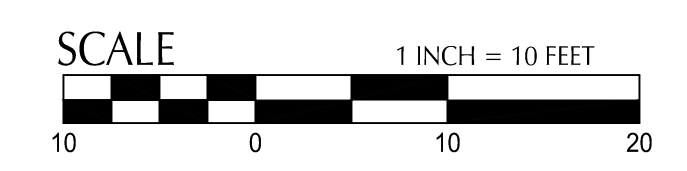
1. ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
2. SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
3. SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
4. SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
5. SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELL/GRATES, PLANTING AND IRRIGATION.
6. SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
7. SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

KEYNOTES

- 1 MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
- 10 MAINTAIN GRADE TO EXISTING BUILDING/RETAINING WALL. PROTECT FACE OF BUILDING/WALL.
- 11 PROTECT/RESTORE LANDSCAPING AS NEEDED.
- 14 CONSTRUCT TRANSITION PAVEMENT. SEE DETAIL 3, SHEET C4.01.
- 16 CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- 19 CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
- 22 CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
- 23 CONSTRUCT TYPICAL CURB AND GUTTER. SEE COA STD DWG NO-304.
- 25A CONSTRUCT CURB ENDING PER ODOT DETAIL RD700. SEE SHEET C4.02.
- 28 CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
- 29 CONSTRUCT 4" CURB SIDE SIDEWALK. SEE COA STD DWG NO-301 & 313.
- 30 CONSTRUCT CURB RAMP. SEE COA STD DWG NO-315.
- 34 INSTALL DETECTABLE WARNING. SEE COA STD DWG NO-315.
- 39 COORDINATE WITH RAIL IMPROVEMENT PROJECT. SEE NOTES ON SHEET C0.03.
- 46 STREET LIGHT (SEE ILLUMINATION PLANS)

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



DESIGNED BY	DATE	REVISION	DESCRIPTION
CK/MM/TK			
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JRC/KY			
CHECKED BY			
FM/MK/CV			
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 O: 541.684.4902
 F: 541.684.4909
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WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
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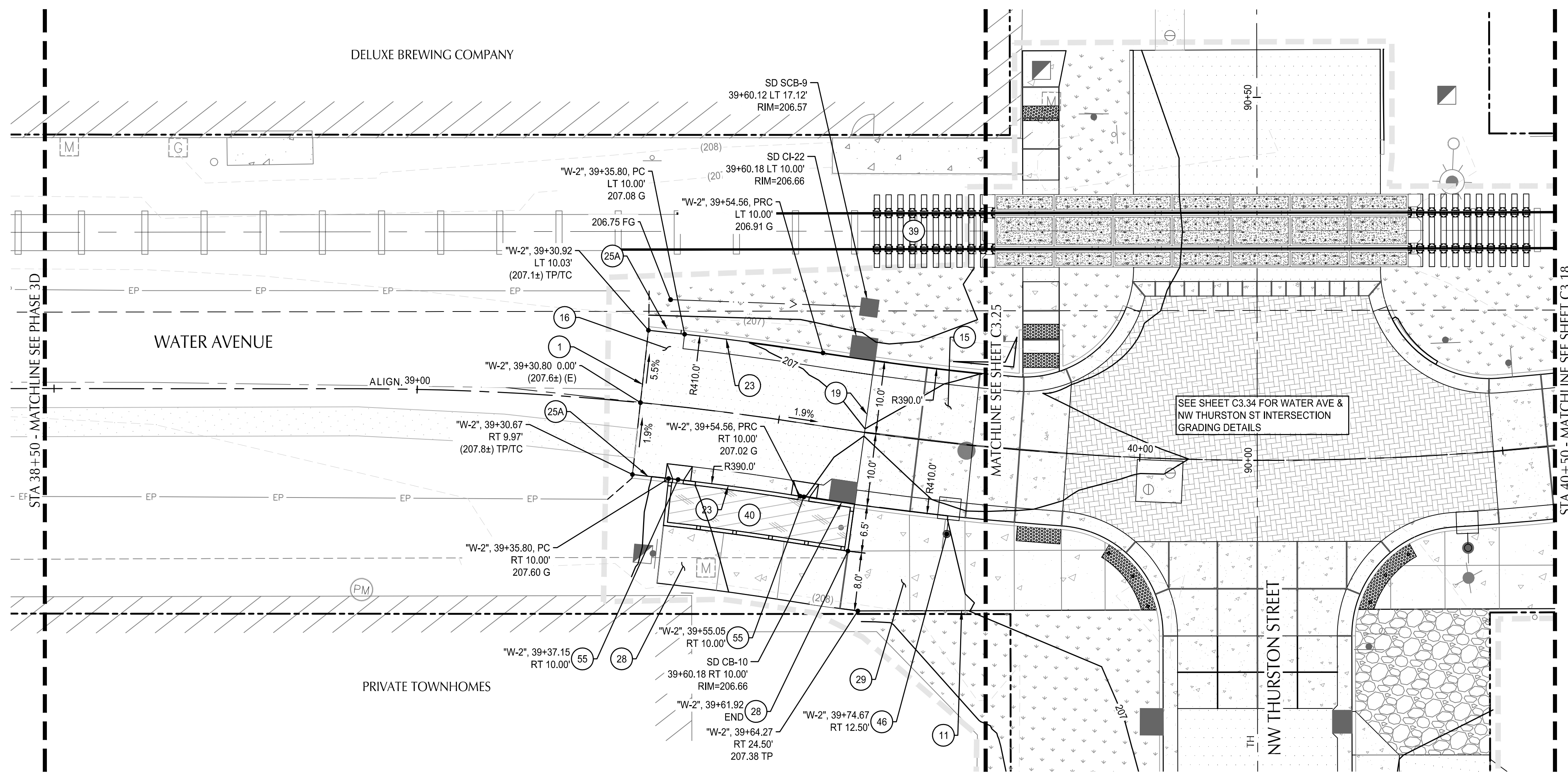
REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 APR 19 2022
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 24+50 TO STA 26+50

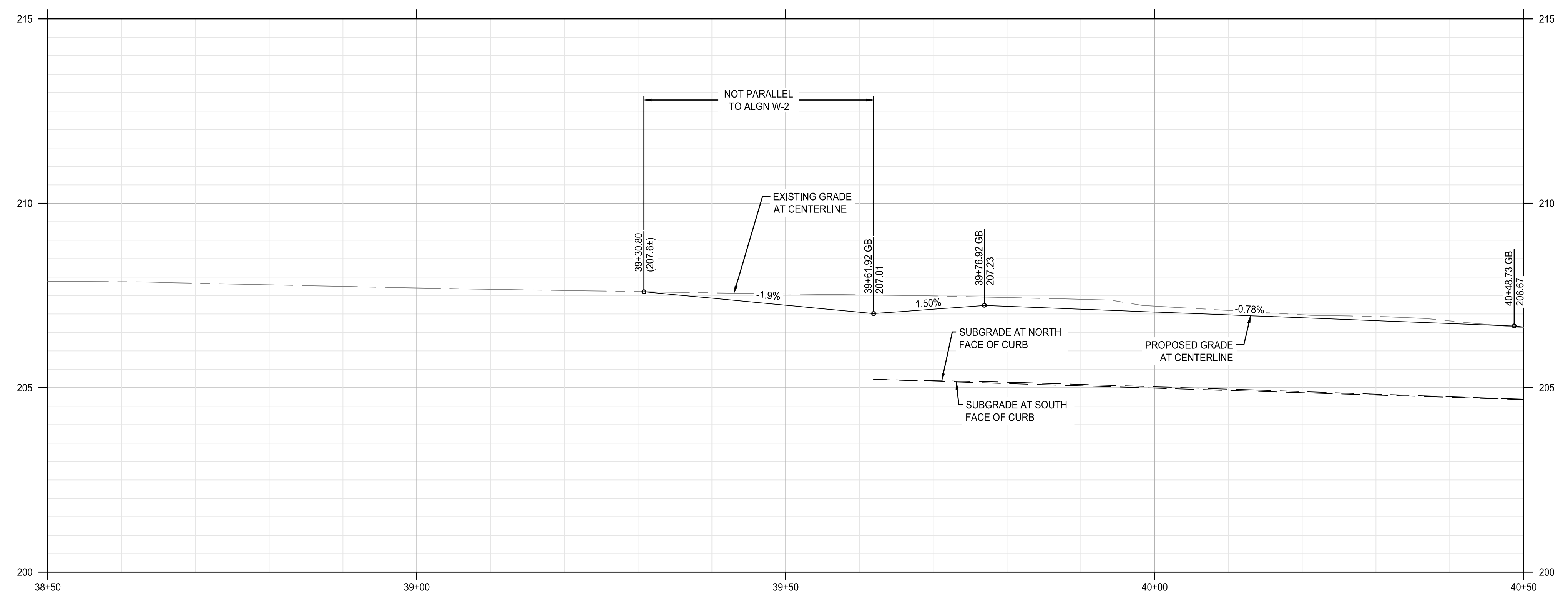
SHEET NO.
C3.10

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 9:52am By: ckniphuisen



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

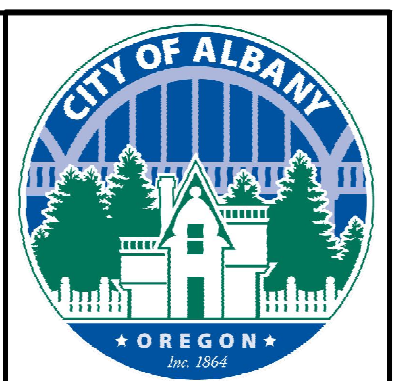
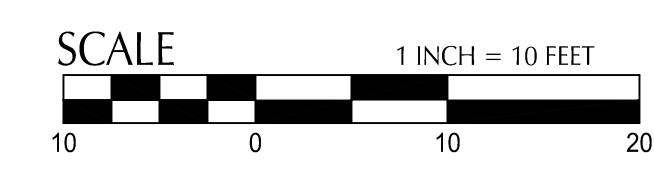
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
- SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
- SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
- SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
- SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELL/GRATES, PLANTING AND IRRIGATION.
- SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
- SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

KEYNOTES

- MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
- PROTECT/RESTORE LANDSCAPING AS NEEDED.
- CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR. SEE DETAIL 1, SHEET C4.01.
- CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
- CONSTRUCT TYPICAL CURB AND GUTTER. SEE COA STD DWG NO-304.
- CONSTRUCT CURB ENDING PER ODOT DETAIL RD700. SEE SHEET C4.02.
- CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
- CONSTRUCT 4" CURB SIDE SIDEWALK. SEE COA STD DWG NO-301 & 313.
- COORDINATE WITH RAIL IMPROVEMENT PROJECT. SEE NOTES ON SHEET C0.03.
- CONSTRUCT STORMWATER FACILITY. SEE STORMWATER AND UTILITY PLANS. (C5.XX SERIES)
- STREET LIGHT (SEE ILLUMINATION PLANS)
- CONSTRUCT TYPICAL STREETSIDE CURB NOTCH. SEE COA STD DWG NO-612.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE LANDSCAPE PLANS AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



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CK/MM/TK	
DRAWN BY	
JRC/KY	
CHECKED BY	
FM/MK/CV	
DATE APD.	

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800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
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WALKER MACY

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 PORTLAND, OR 97204
 503-228-3122

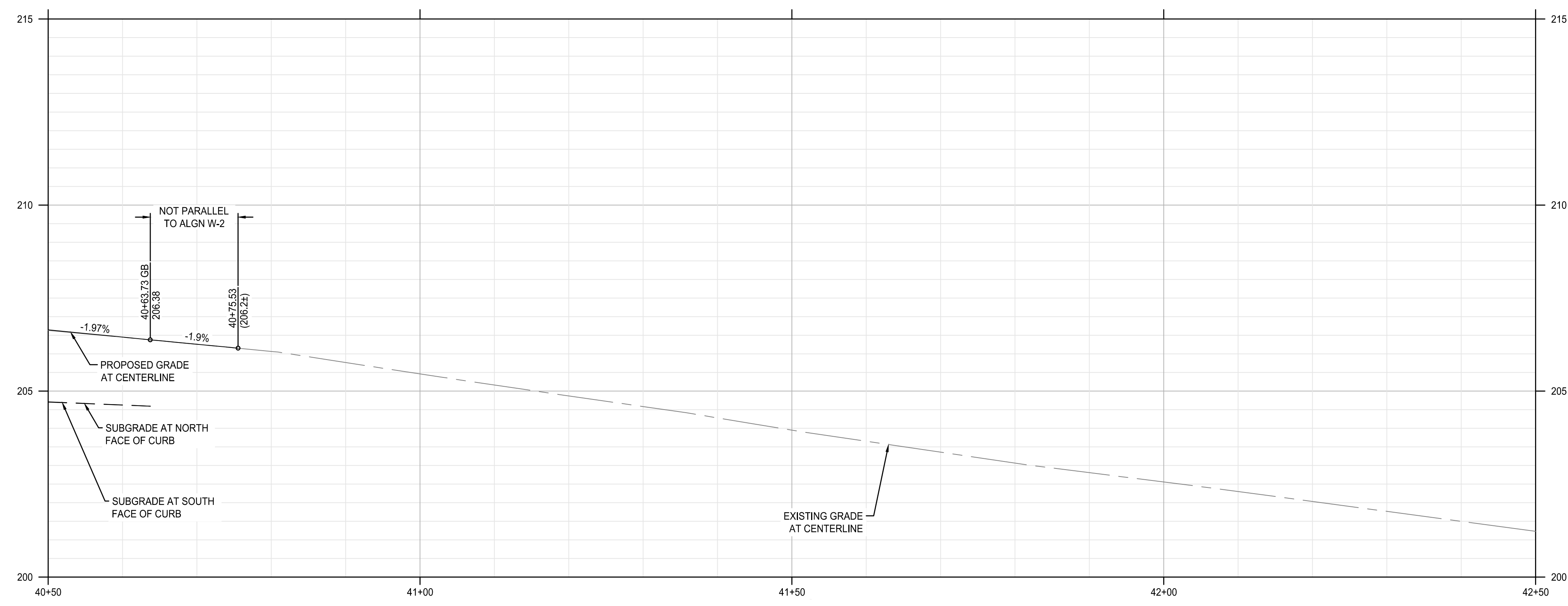
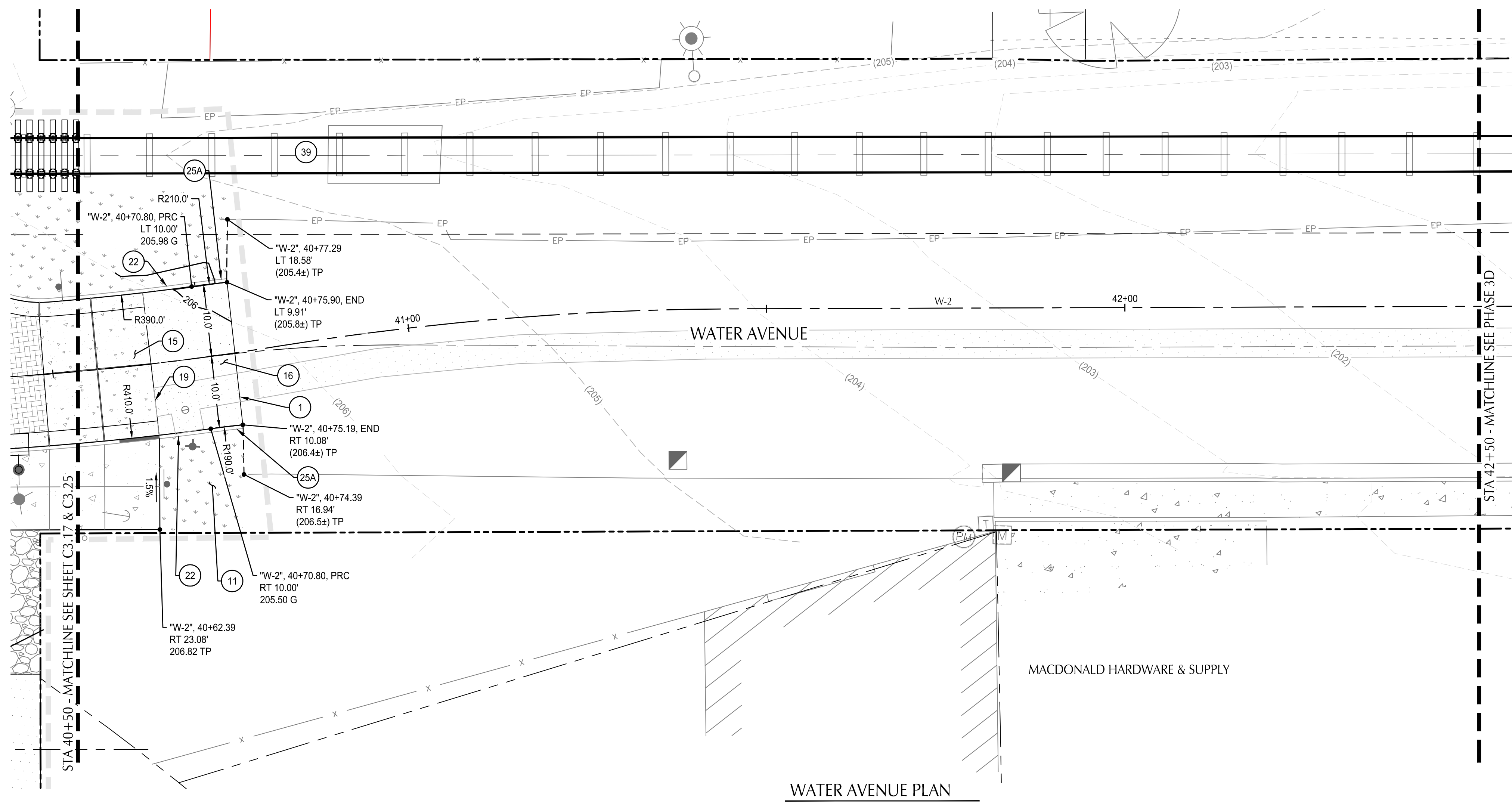
REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 APR 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 38+50 TO STA 40+50

SHEET NO.
C3.17

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-albany-waterfront\CAD\LOT\public-ph1\0193-03-ST.dwg TAB: C3.18
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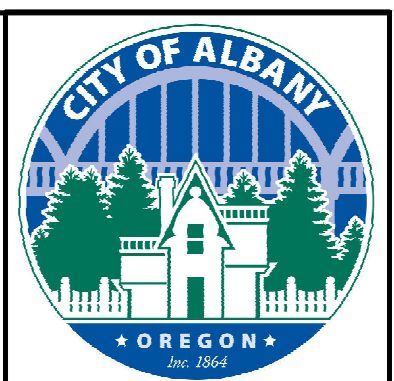
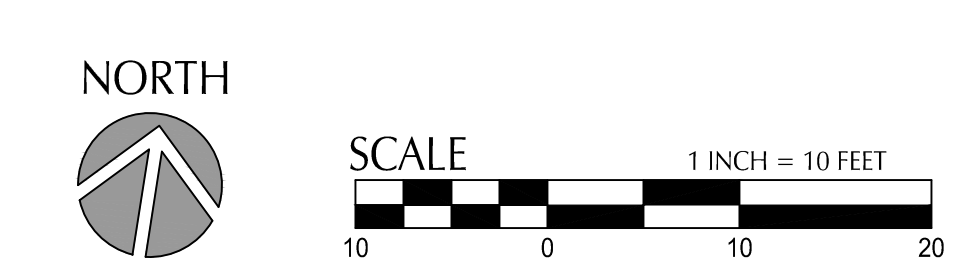


- ### SHEET NOTES
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
 - SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
 - SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 - SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
 - SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELL/GRATES, PLANTING AND IRRIGATION.
 - SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
 - SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

- ### KEYNOTES
- MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
 - PROTECT/RESTORE LANDSCAPING AS NEEDED.
 - CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR. SEE DETAIL 1, SHEET C4.01.
 - CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
 - CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
 - CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
 - CONSTRUCT CURB ENDING PER ODOT DETAIL RD700.
 - COORDINATE WITH RAIL IMPROVEMENT PROJECT, SEE NOTES ON SHEET C0.03.

SHEET LEGEND

	RIGHT-OF-WAY LINE
	ROAD AND RAIL CENTER LINE
	RAIL SETBACK (11') (SEE NOTE 7)
	LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
	SAFETY RAILING (SEE LANDSCAPE PLANS)
	SWALE CENTER LINE
	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED CONTOUR MAJOR
	CONCRETE PAVEMENT - VEHICULAR
	STANDARD ASPHALT PAVEMENT - VEHICULAR
	STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
	LANDSCAPING AREA (SEE LANDSCAPE PLANS)
	CONCRETE SIDEWALK
	CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
	AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
	DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
	SLURRY SEAL



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD:

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
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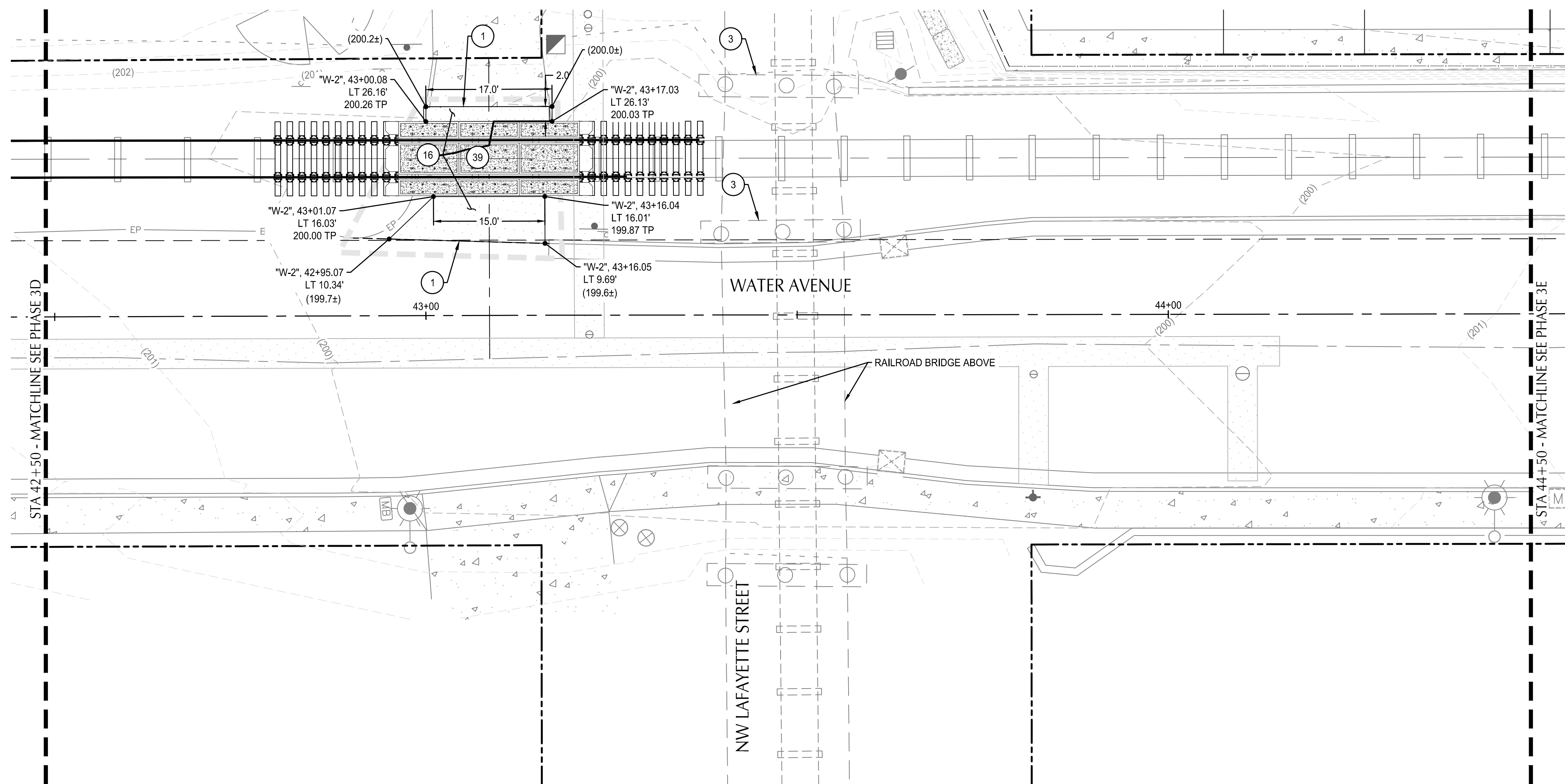
REGISTERED PROFESSIONAL ENGINEER
 56481
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 OREGON
 JUL 19, 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA 40+50 TO STA 42+50

SHEET NO.
C3.18

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 12:20pm By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'

SHEET NOTES

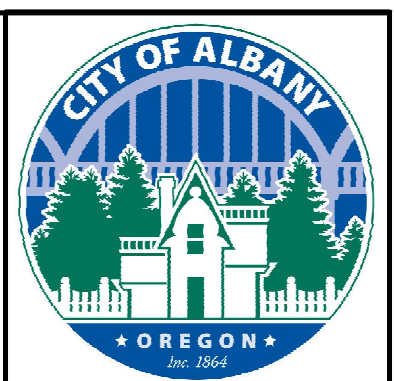
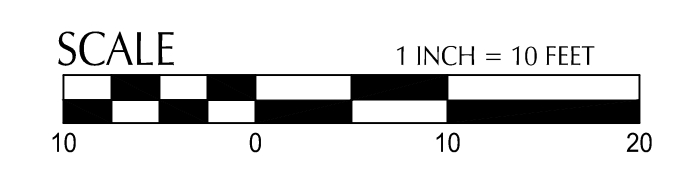
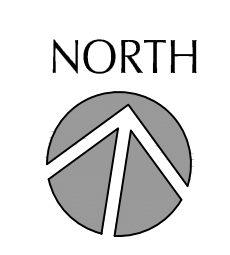
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2. SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
3. SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
4. SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
5. SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELLS/GRATES, PLANTING AND IRRIGATION.
6. SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
7. SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

KEYNOTES

- 1 MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
- 3 PROTECT EXISTING BRIDGE FOUNDATION.
- 16 CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- 39 COORDINATE WITH RAIL IMPROVEMENT PROJECT, SEE NOTES ON SHEET C0.03.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



REVISION	DATE	DESCRIPTION

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800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

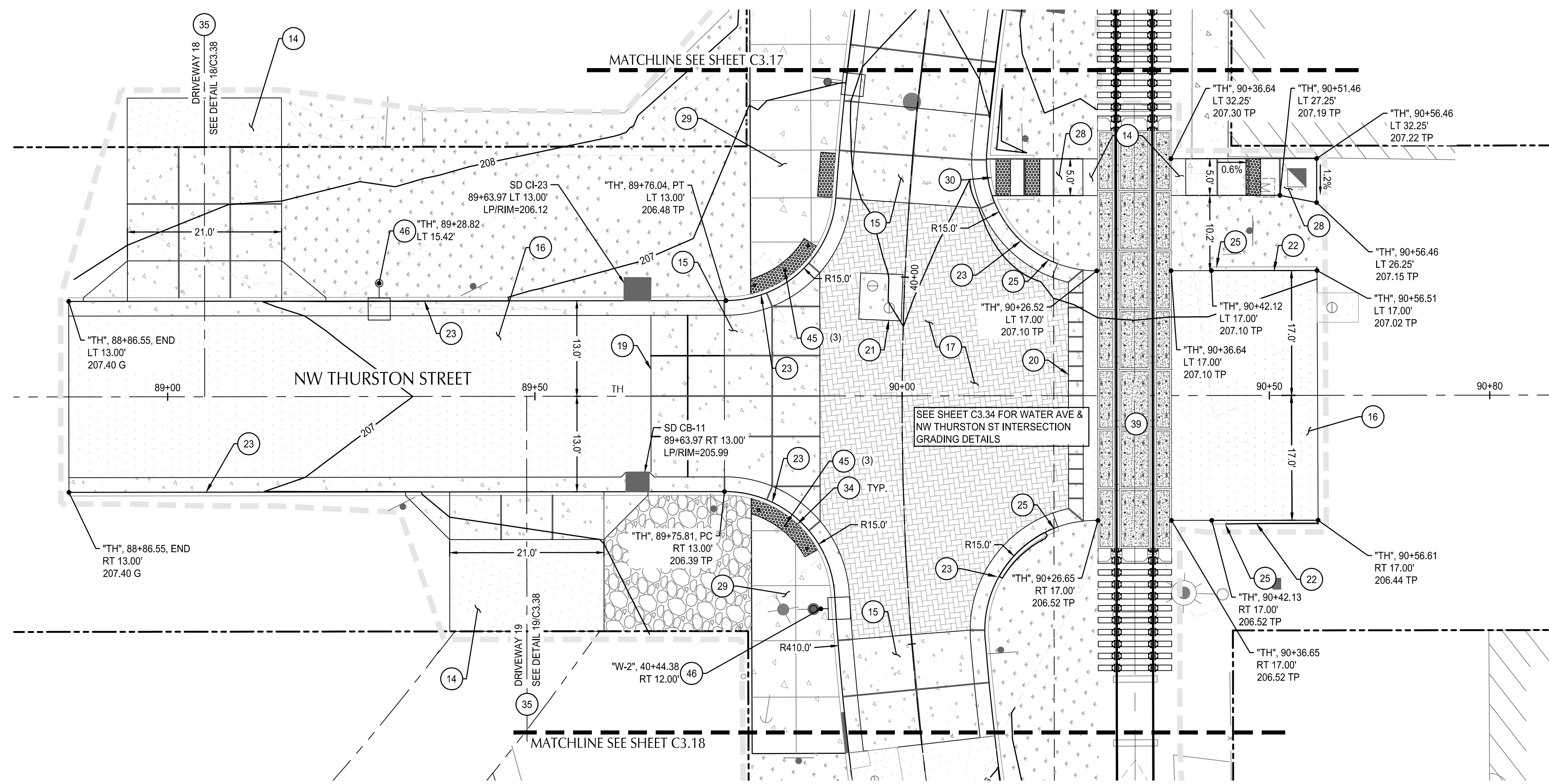
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 36481
 DIGITALLY SIGNED
 OREGON
 APR 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - STA
 42 + 50 TO STA 44 + 50

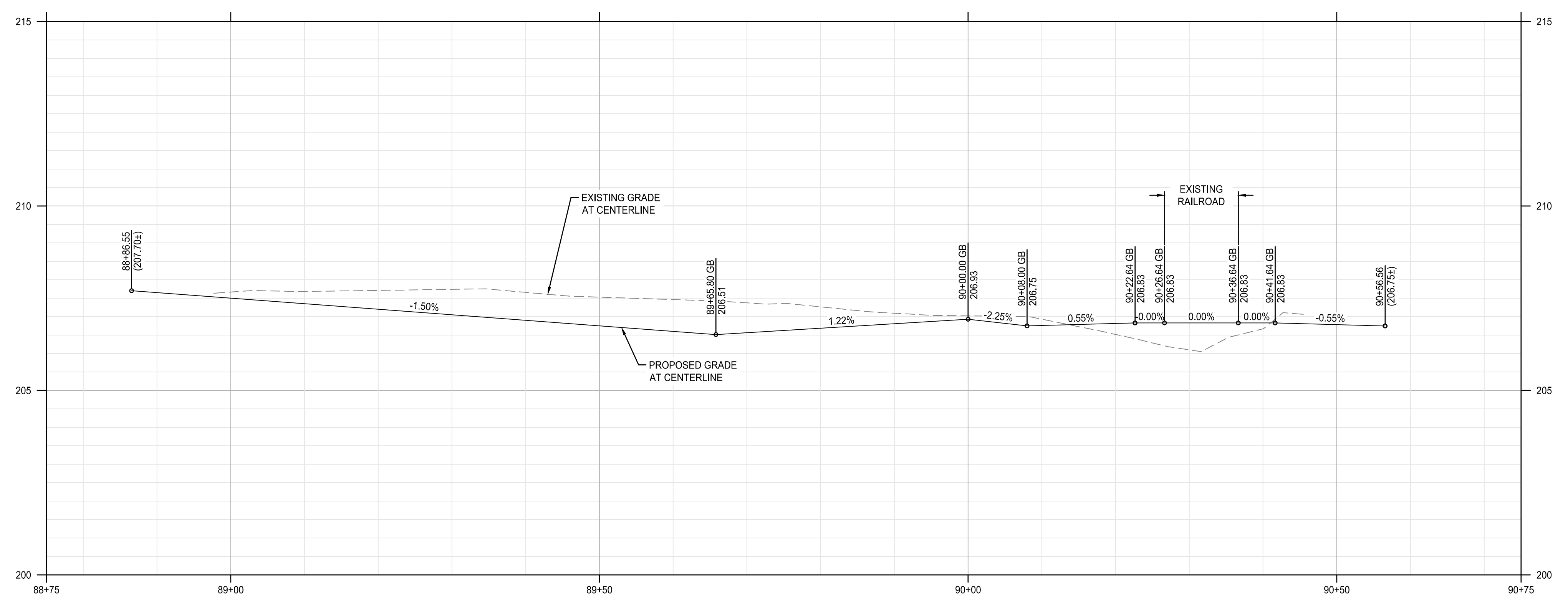
SHEET NO.
C3.19

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 9:53am By: ckniphuisen



NW THURSTON STREET PLAN
 SCALE: 1" = 10'



NW THURSTON STREET PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

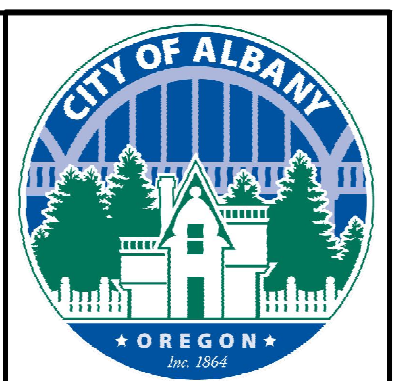
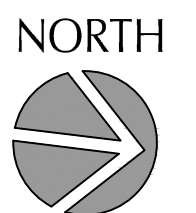
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
- SEE C3.XX SERIES SHEETS FOR RAMP, INTERSECTION AND DRIVEWAY DESIGN AND DETAILS.
- SEE C5.XX SERIES SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
- SEE LANDSCAPE PLANS FOR SIDEWALK FINISH, TEXTURE, COLOR AND SCORING.
- SEE LANDSCAPE PLANS FOR SITE FURNISHING, BOLLARDS, FENCES, WAYFINDING SIGNAGE, TREES, TREE WELL/GRATES, PLANTING AND IRRIGATION.
- SEE LANDSCAPE PLANS FOR PAVER LAYOUT AND DETAILS.
- SURVEY LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT AT SAWCUT. PROVIDE ELEVATIONS TO KPFF PRIOR TO PAVING TO VERIFY DESIGN.

(X) KEYNOTES

- CONSTRUCT TRANSITION PAVEMENT. SEE DETAIL 3, SHEET C4.01.
- CONSTRUCT 10" THICK CONCRETE PAVEMENT - VEHICULAR. SEE DETAIL 1, SHEET C4.01.
- CONSTRUCT ASPHALT PAVEMENT - VEHICULAR. SEE DETAIL 2, SHEET C4.01 AND TYPICAL SECTION.
- CONSTRUCT CONCRETE UNIT PAVER ROADWAY. SEE LANDSCAPE PLANS.
- CONSTRUCT TRANSITION ASPHALT TO CONCRETE. SEE DETAIL 4, SHEET C4.01.
- CONSTRUCT TRANSITION ASPHALT TO CONCRETE AT RAIL CROSSING. SEE DETAIL 5, SHEET C4.01.
- CONSTRUCT 12" CONCRETE FRAME AROUND UTILITY STRUCTURE. SEE ODOT STD DETAIL RD360, SHEET C4.02.
- CONSTRUCT STRAIGHT CURB. SEE COA STD DWG NO-304.
- CONSTRUCT TYPICAL CURB AND GUTTER. SEE COA STD DWG NO-304.
- CONSTRUCT CURB ENDING. SEE DETAIL 6, SHEET C4.01.
- CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
- CONSTRUCT 4" CURB SIDE SIDEWALK. SEE COA STD DWG NO-301 & 313.
- CONSTRUCT CURB RAMP. SEE COA STD DWG NO-315.
- INSTALL DETECTABLE WARNING. SEE COA STD DWG NO-315.
- CONSTRUCT COMMERCIAL DRIVEWAY WITH SETBACK SIDEWALK, WIDTH SHOWN ON PLANS. SEE COA STD DWG NO-308.
- COORDINATE WITH RAIL IMPROVEMENT PROJECT, SEE NOTES ON SHEET C0.03.
- BOLLARD (SEE LANDSCAPE PLANS)
- STREET LIGHT (SEE ILLUMINATION PLANS)

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- RAIL SETBACK (11') (SEE NOTE 7)
- LIMITS OF WORK (SEE LANDSCAPE PLANS FOR LIMITS OF LANDSCAPING)
- SAFETY RAILING (SEE LANDSCAPE PLANS)
- SWALE CENTER LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- CONCRETE PAVEMENT - VEHICULAR
- STANDARD ASPHALT PAVEMENT - VEHICULAR
- STORMWATER PLANTER/BASIN (SEE STORMWATER AND UTILITY PLANS)
- LANDSCAPING AREA (SEE LANDSCAPE PLANS)
- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS (SEE LANDSCAPE PLANS)
- AGGREGATE BASE SURFACING (SEE TYPICAL SECTIONS)
- DETECTABLE WARNING (SEE LANDSCAPE PLANS, SHEET L4.02)
- SLURRY SEAL



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800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

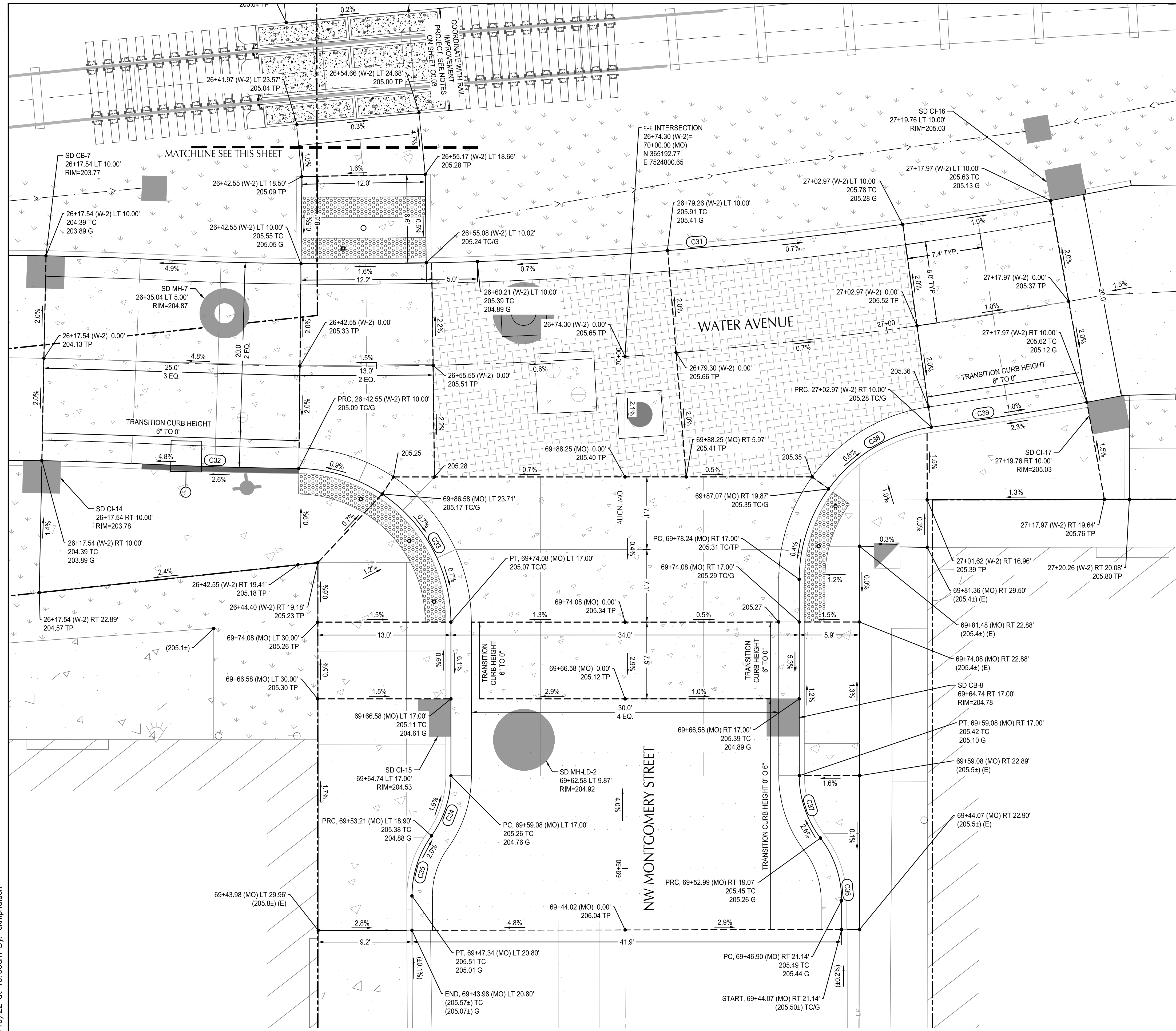


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STREET PLAN & PROFILE - NW THURSTON ST

SHEET NO.
C3.25

PHASE 1 BID SET - 03/14/2022

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SHEET NOTES

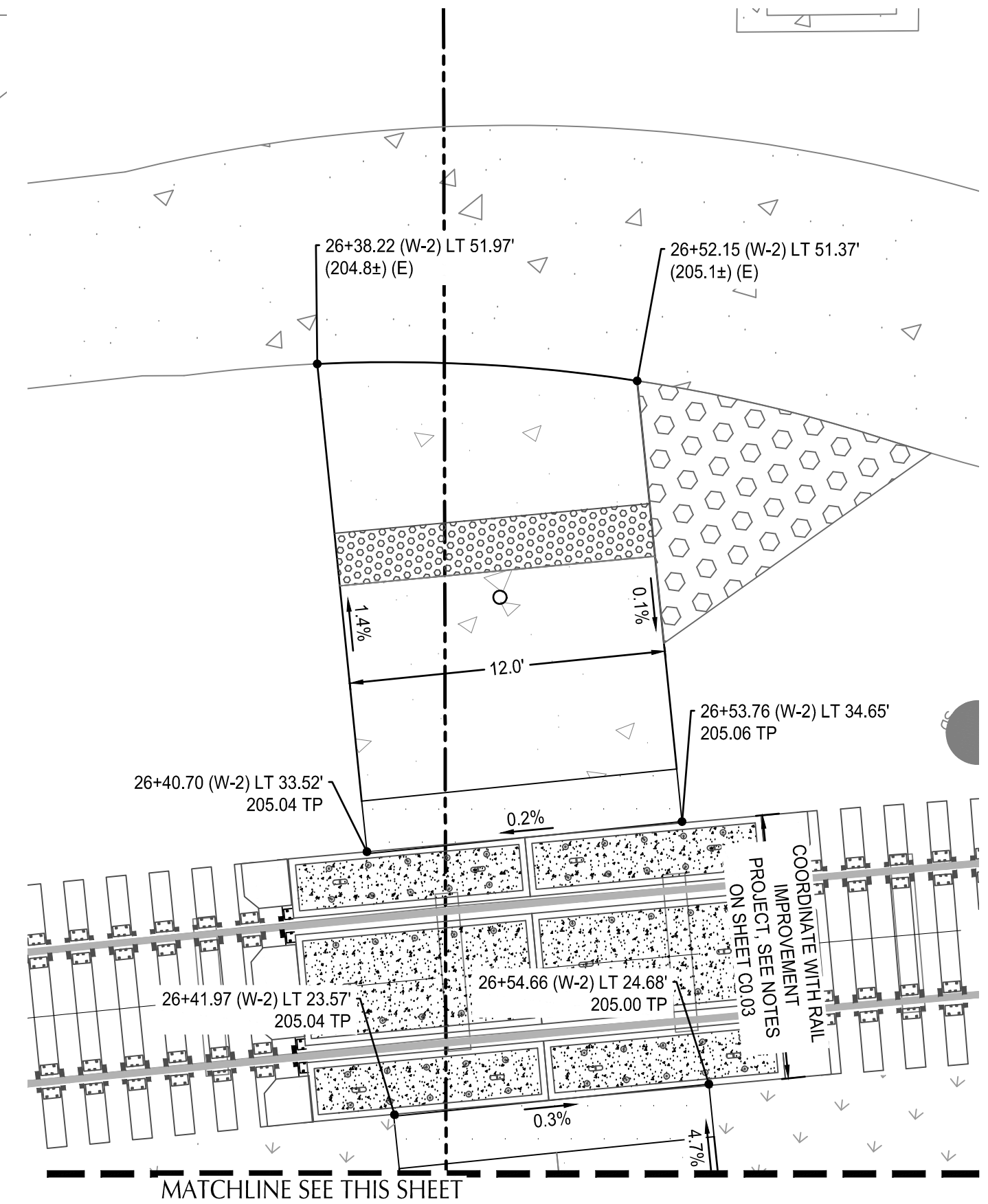
- SEE LANDSCAPE PLANS FOR CONCRETE COLORING, FINISHING, AND SIDEWALK SCORING.

SHEET LEGEND AND ABBREVIATIONS

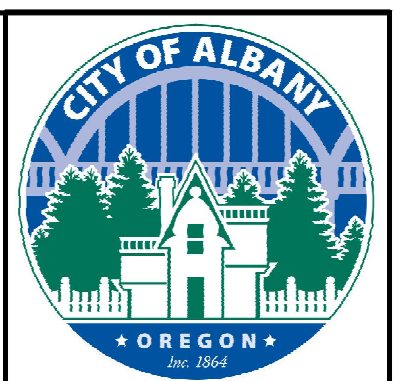
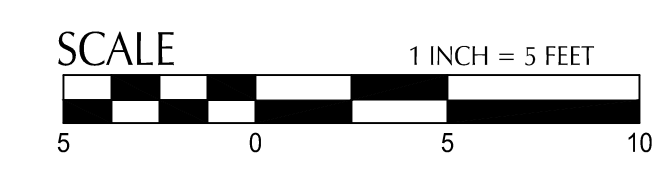
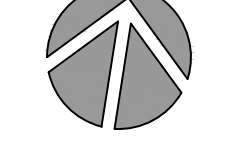
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PC	POINT OF TANGENCY
G	POINT OF CURVATURE
TP	GUTTER FLOW LINE
TC	TOP OF PAVEMENT
PRC	TOP OF CURB
PCC	POINT OF REVERSE CURVATURE
	POINT OF COMPOUND CURVATURE

CURVE DATA TABLE

CURVE NO.	LENGTH	RADIUS	DELTA
C31	90.97'	390.00'	13°21'54"
C32	14.75'	410.00'	2°03'38"
C33	23.40'	15.00'	89°23'38"
C34	6.27'	10.00'	35°55'31"
C35	6.27'	10.00'	35°55'31"
C36	6.55'	10.00'	37°31'23"
C37	6.55'	10.00'	37°31'23"
C38	21.45'	15.00'	81°57'05"
C39	18.96'	410.00'	2°38'59"



NORTH



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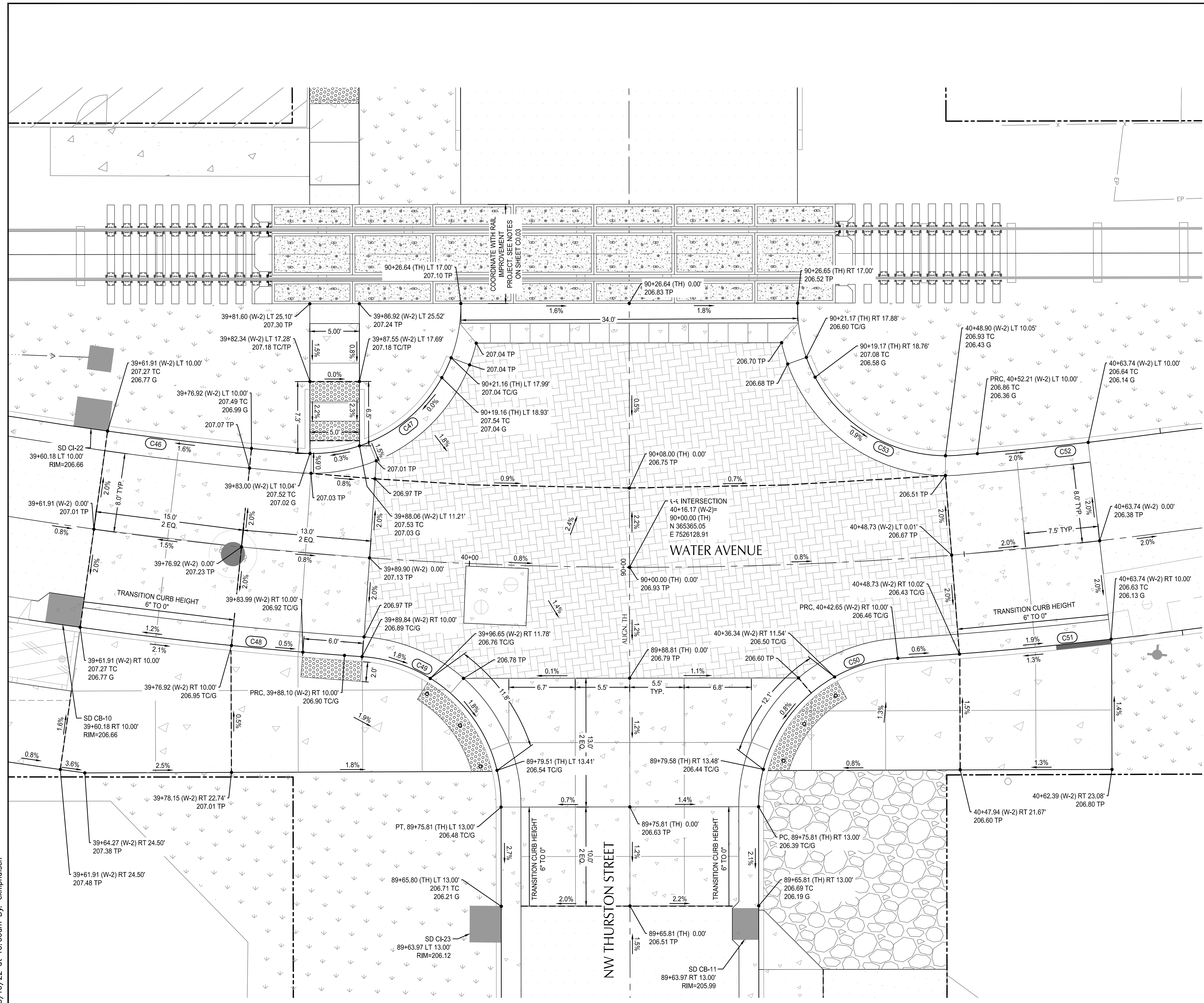
REGISTERED PROFESSIONAL ENGINEER
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 JUL 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 INTERSECTION GRADING DETAILS - WATER
 AVE & NW MONTGOMERY ST

SHEET NO.
C3.32

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:06am By: ckniphuisen



INTERSECTION DETAIL - WATER AVE & NW THURSTON ST
 SCALE: 1" = 5'

SHEET NOTES

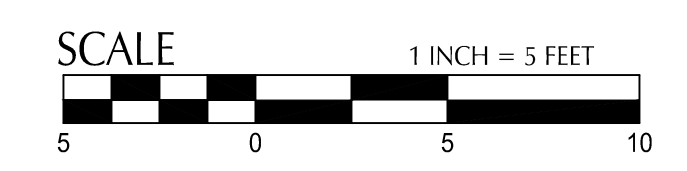
- SEE LANDSCAPE PLANS FOR CONCRETE COLORING, FINISHING, AND SIDEWALK SCORING.

SHEET LEGEND AND ABBREVIATIONS

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
G	GUTTER FLOW LINE
TP	TOP OF PAVEMENT
TC	TOP OF CURB
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE

CURVE DATA TABLE

CURVE NO.	LENGTH	RADIUS	DELTA
C46	20.18'	390.00'	2°57'50"
C47	19.44'	15.00'	74°14'54"
C48	28.68'	410.00'	4°00'28"
C49	22.51'	15.00'	85°59'08"
C50	22.64'	15.00'	86°27'34"
C51	24.69'	410.00'	3°27'00"
C52	30.86'	390.00'	4°32'00"
C53	19.62'	15.00'	74°57'13"



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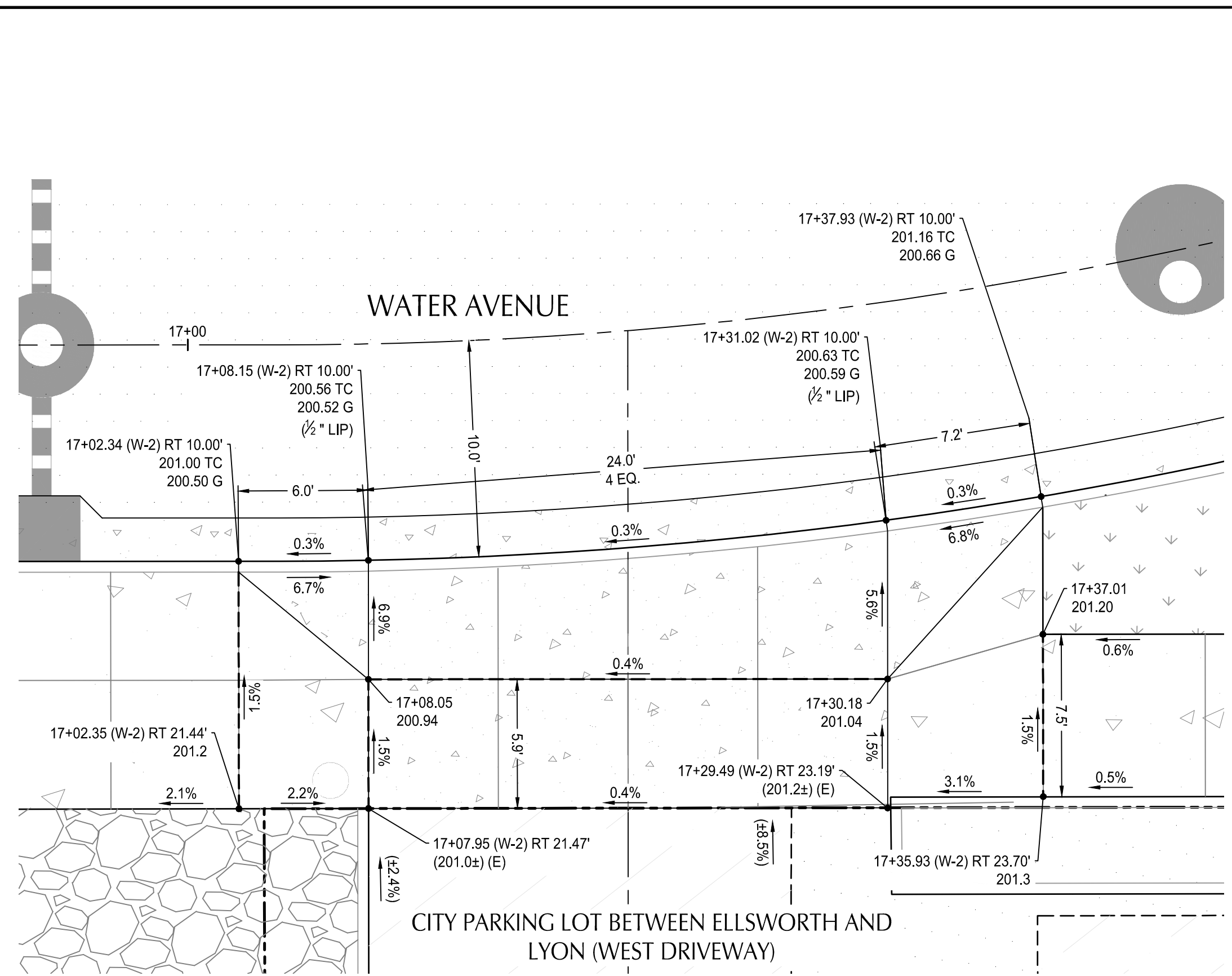
REGISTERED PROFESSIONAL ENGINEER
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 APR 19 2020
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 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 INTERSECTION GRADING DETAILS -
 WATER AVE & NW THURSTON ST

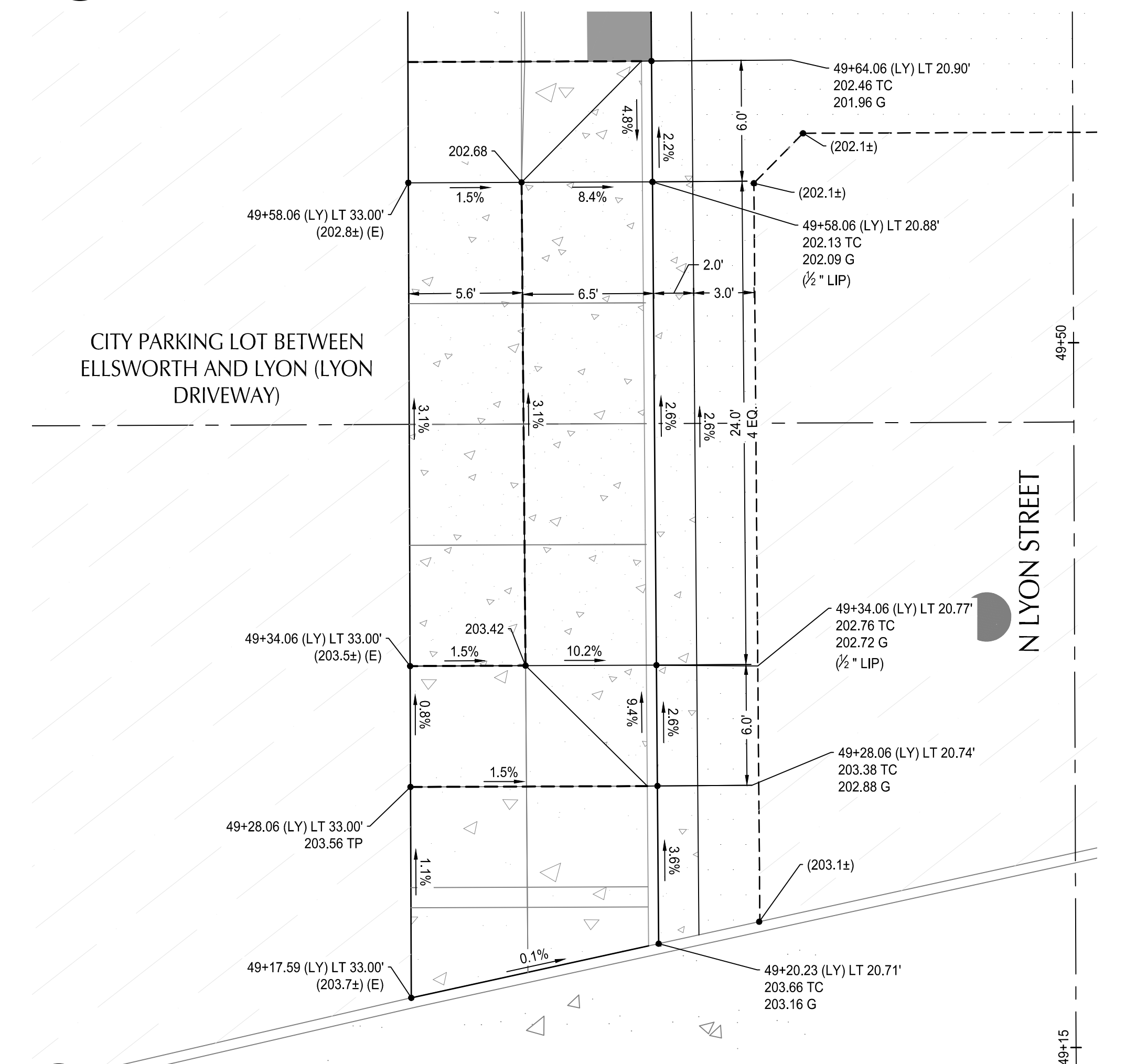
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PHASE 1 BID SET - 03/14/2022

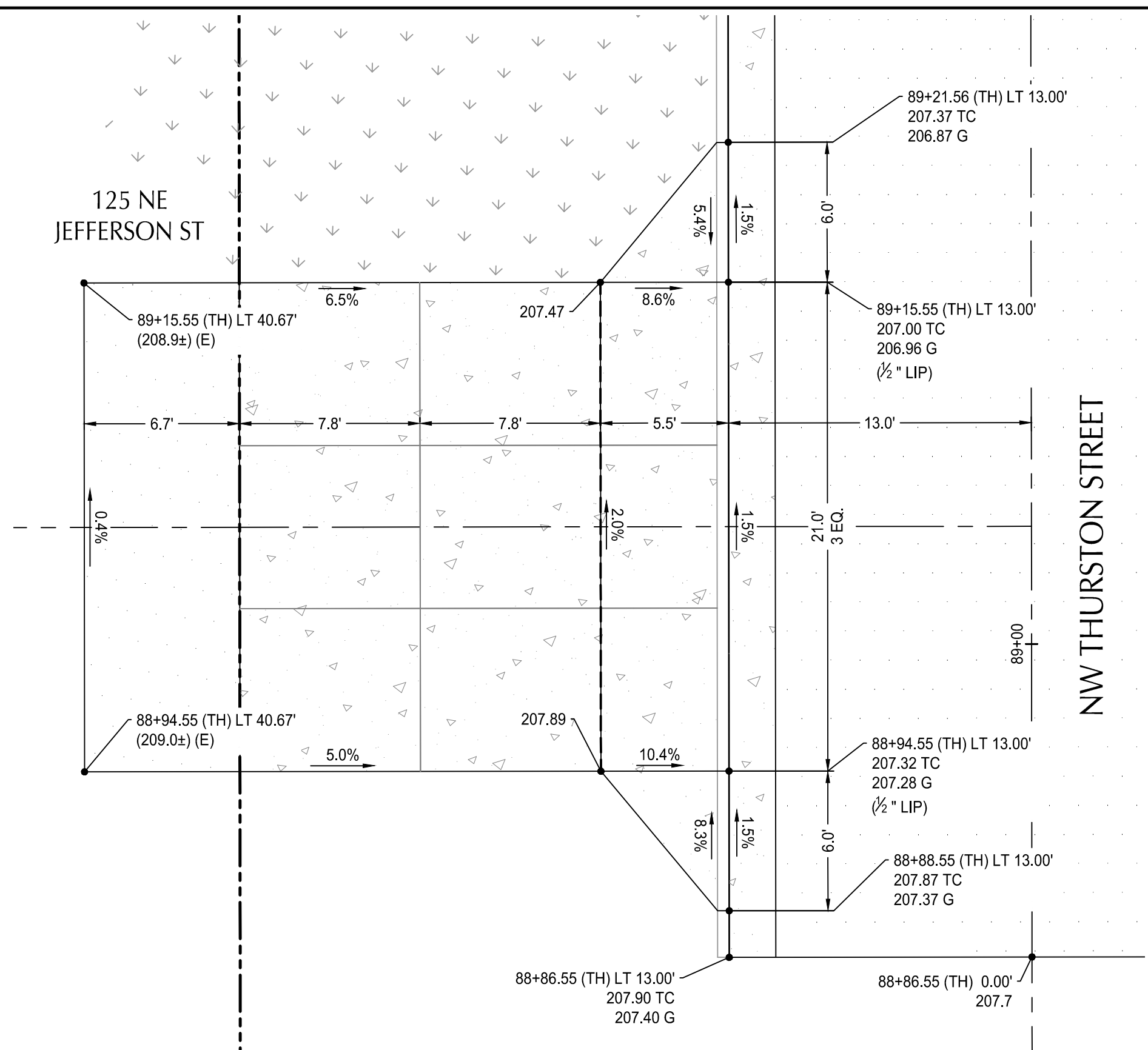
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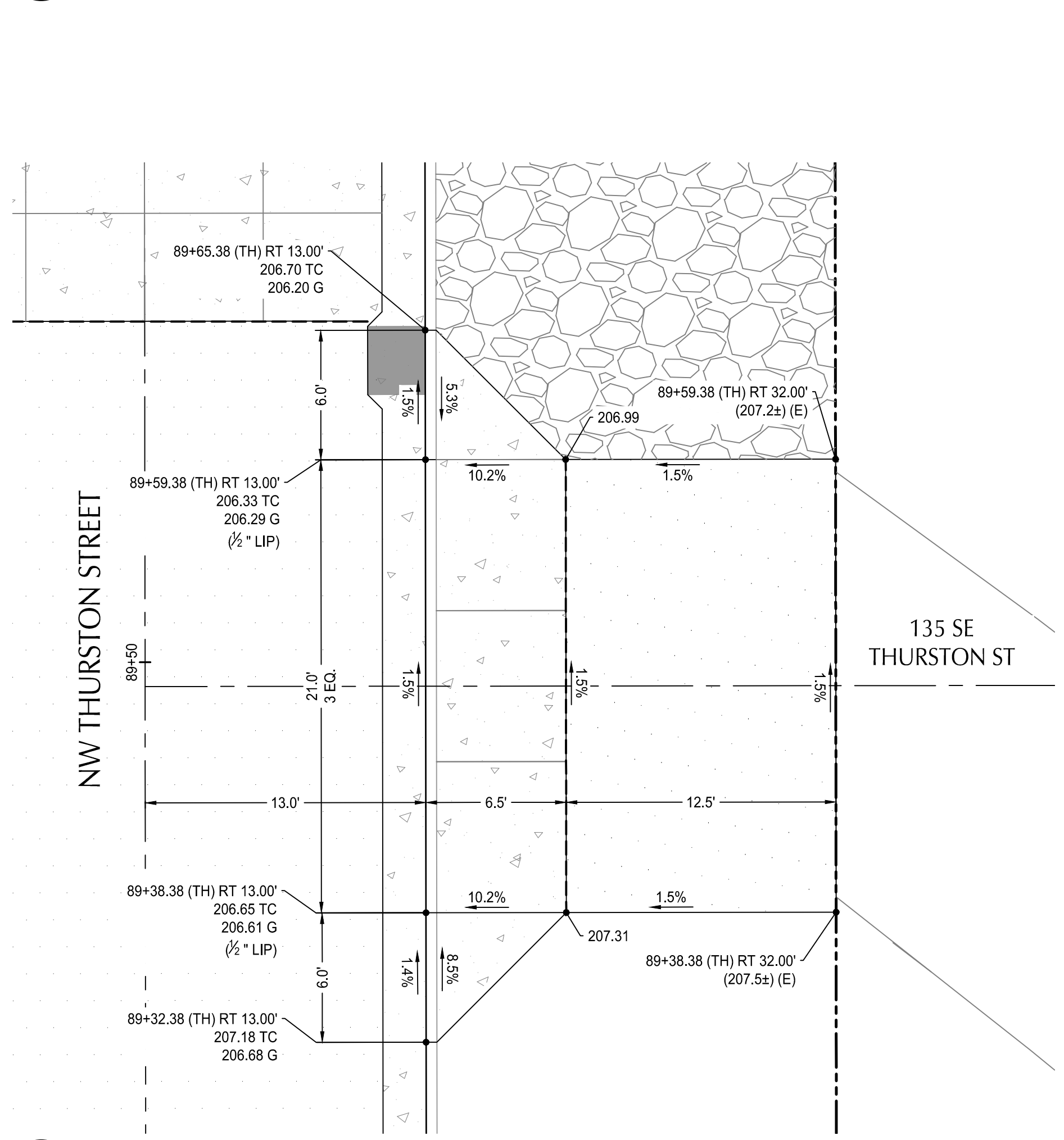
2 DRIVEWAY DETAIL
SCALE: 1" = 5'



3 DRIVEWAY DETAIL
SCALE: 1" = 5'



18 DRIVEWAY DETAIL
SCALE: 1" = 5'



19 DRIVEWAY DETAIL
SCALE: 1" = 5'

SHEET NOTES

- SEE LANDSCAPE PLANS FOR CONCRETE COLORING, FINISHING, AND SIDEWALK SCORING.

SHEET LEGEND AND ABBREVIATIONS

PT	GRADE BREAK
PC	POINT OF TANGENCY
G	POINT OF CURVATURE
TP	GUTTER FLOW LINE
TC	TOP OF PAVEMENT
PRC	TOP OF CURB
PCC	POINT OF REVERSE CURVATURE
	POINT OF COMPOUND CURVATURE



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DATE APPD.			



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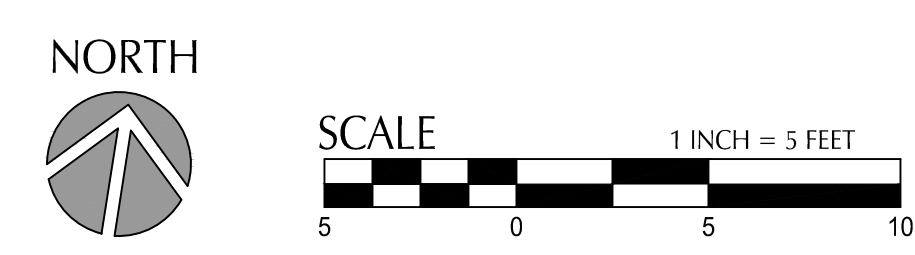
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ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 INTERSECTION GRADING DETAILS -
 DRIVEWAYS

SHEET NO.
C3.38



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 Plotted: 3/10/22 at 10:07am By: ckniphuisen

- (X) KEYNOTES**
- 1 MATCH EXISTING ASPHALT OR CONCRETE AT SAWCUT. SEE NOTE 7.
 - 28 CONSTRUCT STANDARD SETBACK SIDEWALK. SEE COA STD DWG NO-313.
 - 34 INSTALL DETECTABLE WARNING. SEE COA STD DWG NO-315.
 - 49 STAIRS WITH HANDRAILS (SEE LANDSCAPE PLANS)

- SHEET NOTES**
- 1. SEE LANDSCAPE PLANS FOR CONCRETE COLORING, FINISHING, AND SIDEWALK SCORING.

SHEET LEGEND AND ABBREVIATIONS

PT	GRADE BREAK
PC	POINT OF TANGENCY
G	POINT OF CURVATURE
TP	GUTTER FLOW LINE
TC	TOP OF PAVEMENT
PRC	TOP OF CURB
PCC	POINT OF REVERSE CURVATURE
	POINT OF COMPOUND CURVATURE



REVISION	DATE	DESCRIPTION

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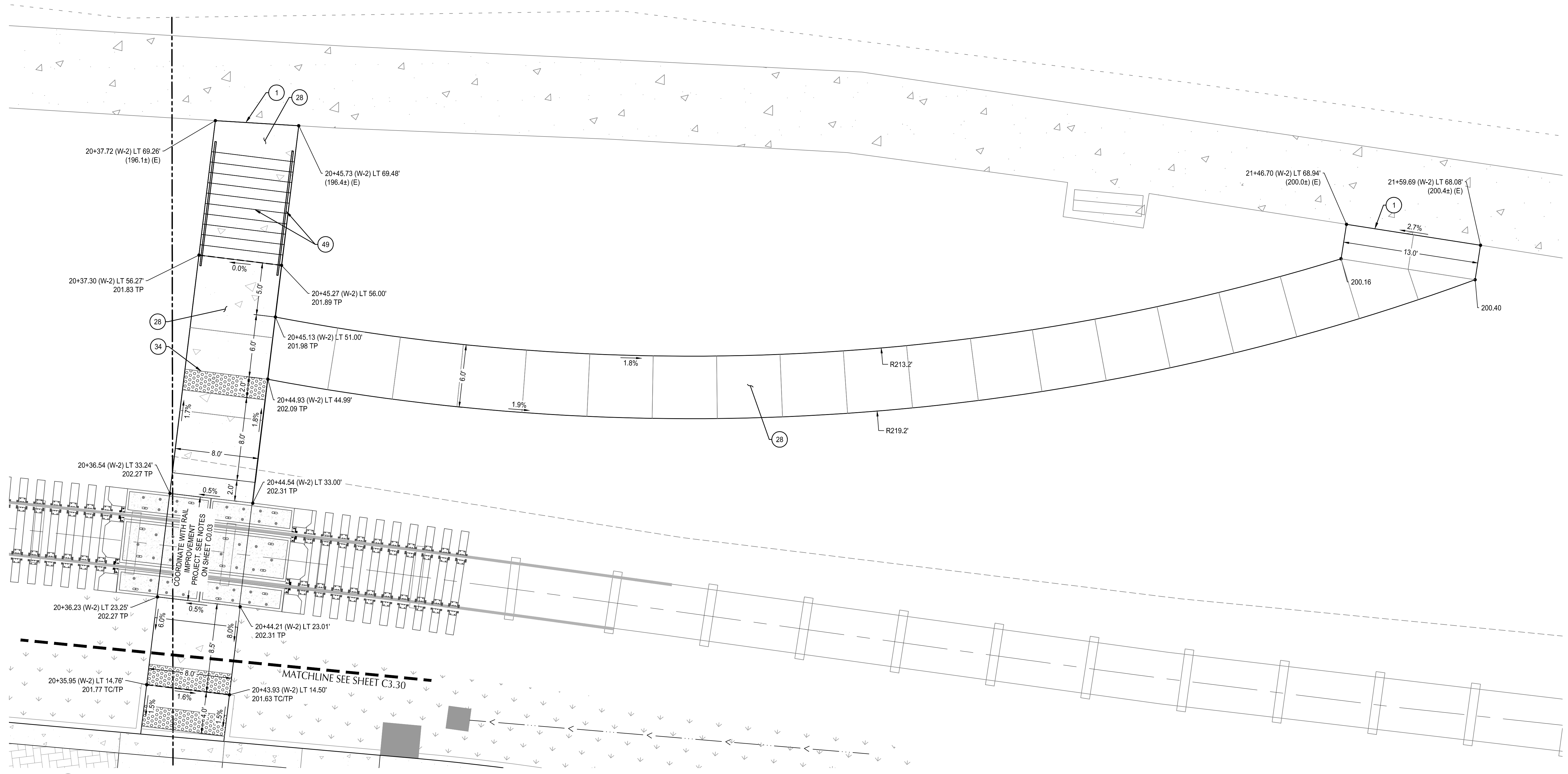
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111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2020
 MATTHEW M. KEEMAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 INTERSECTION GRADING DETAILS -
 LYONS CROSSING

SHEET NO.
C3.39

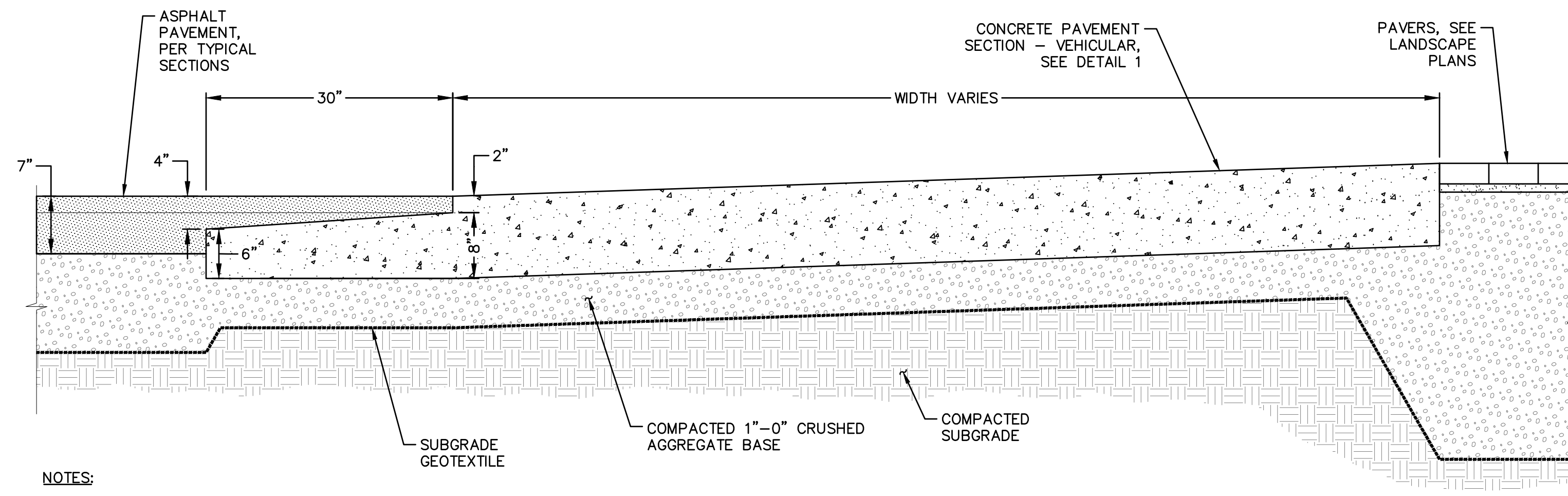


1 LYONS PEDESTRIAN CROSSING GRADING DETAIL
 SCALE: 1" = 5'

NORTH

SCALE 1 INCH = 5 FEET

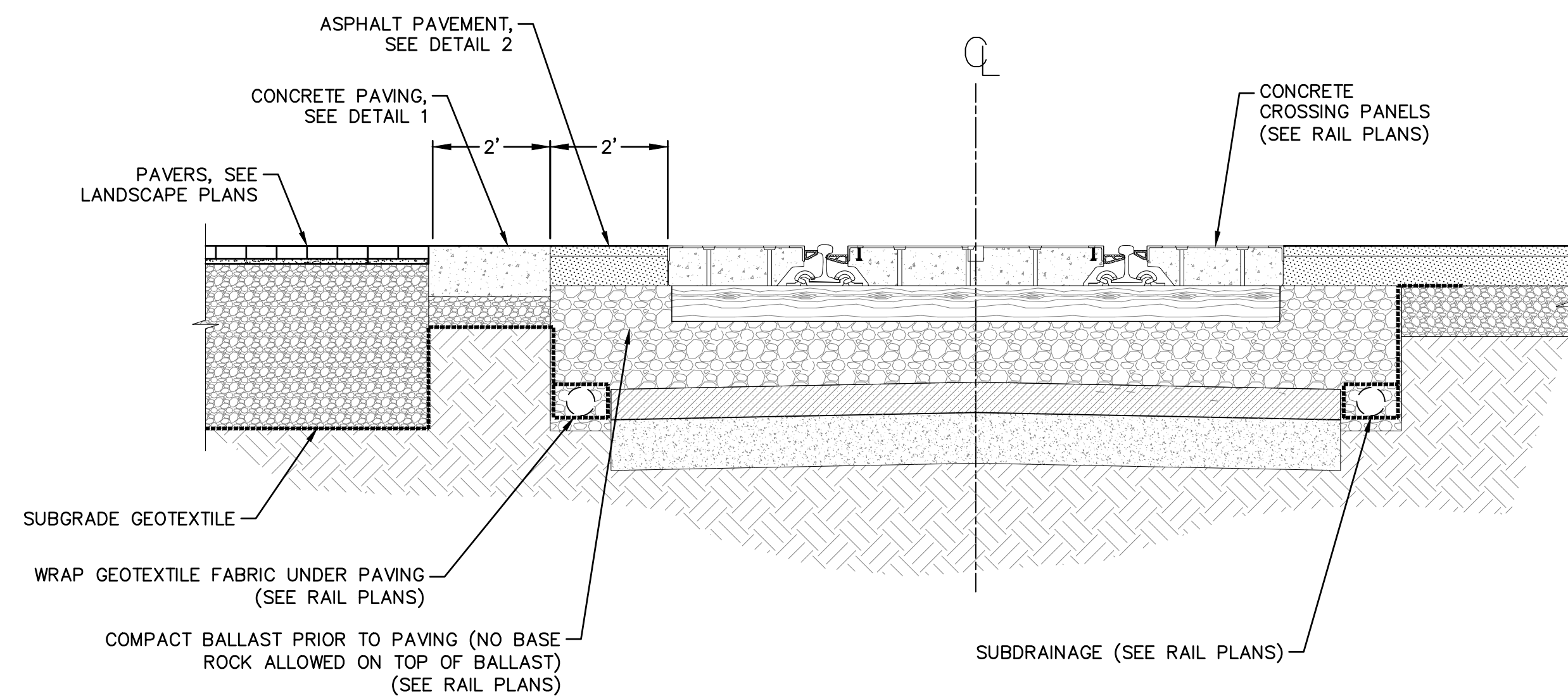
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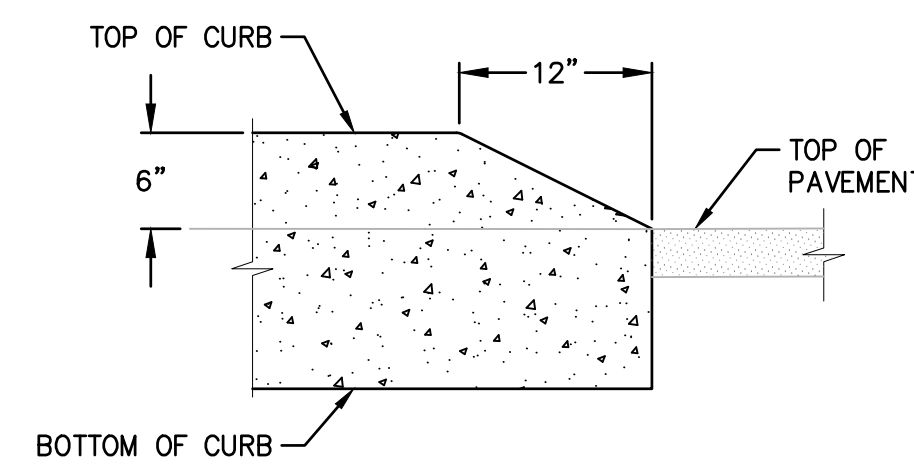
NOTES:

1. PROVIDE MEDIUM BROOM FINISH.
2. SEE LANDSCAPE PLANS FOR JOINTING DETAILS.

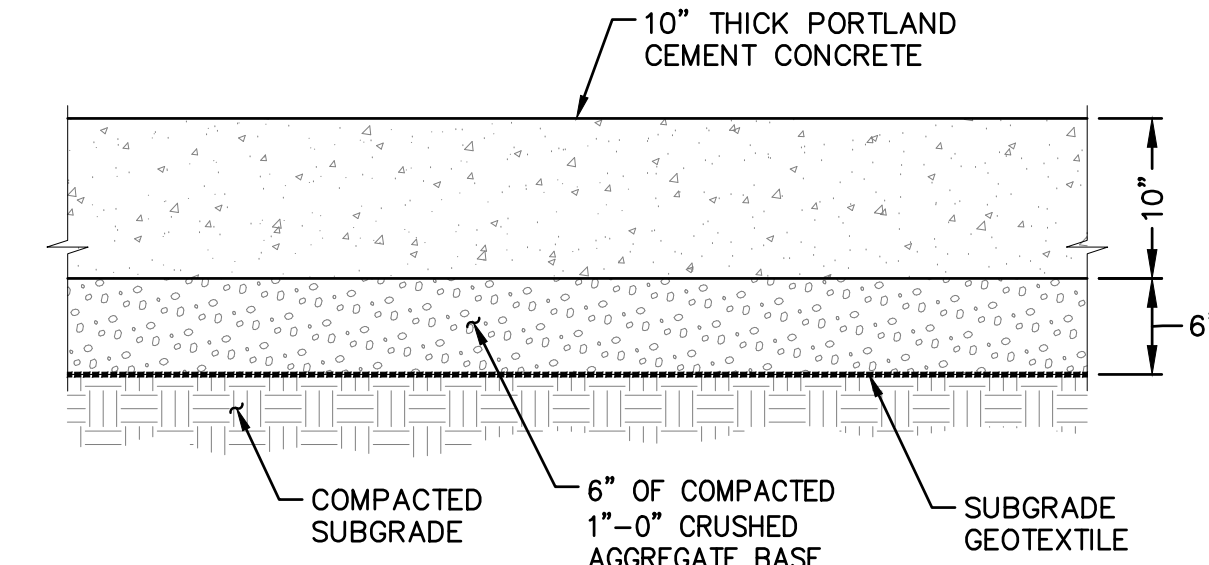
4 TRANSITION ASPHALT TO CONCRETE
SCALE: NTS



5 TRANSITION ASPHALT TO CONCRETE AT RAIL CROSSING
SCALE: NTS



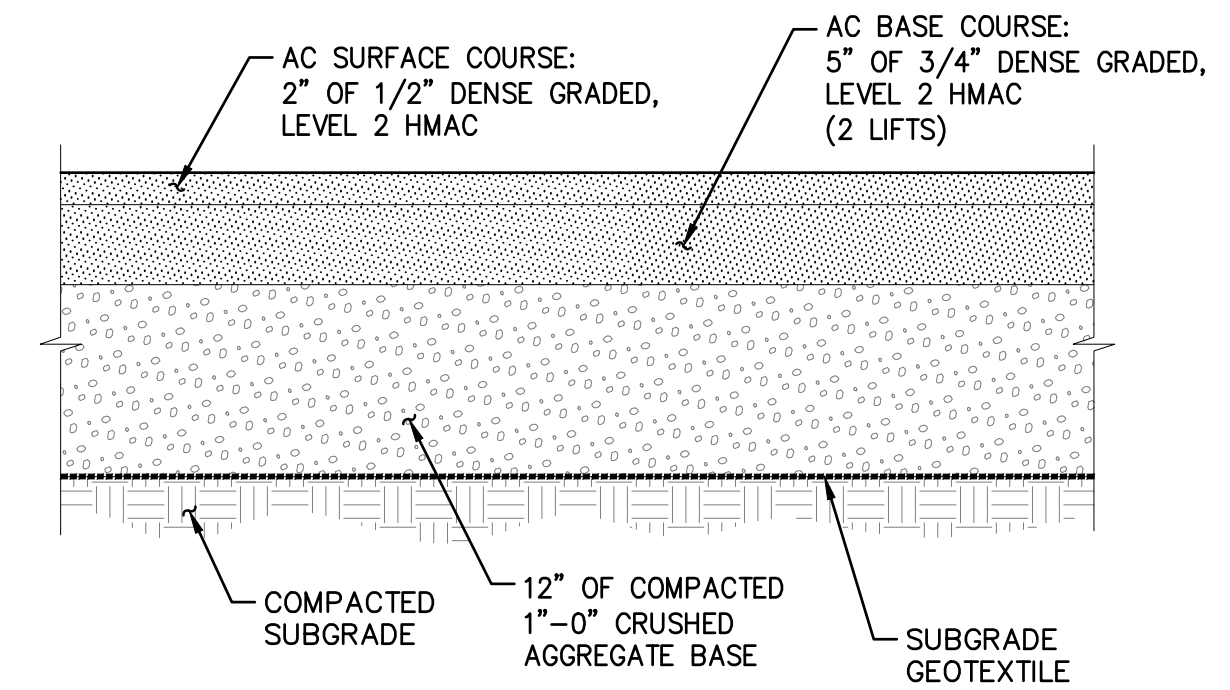
6 CURB ENDING
SCALE: NTS



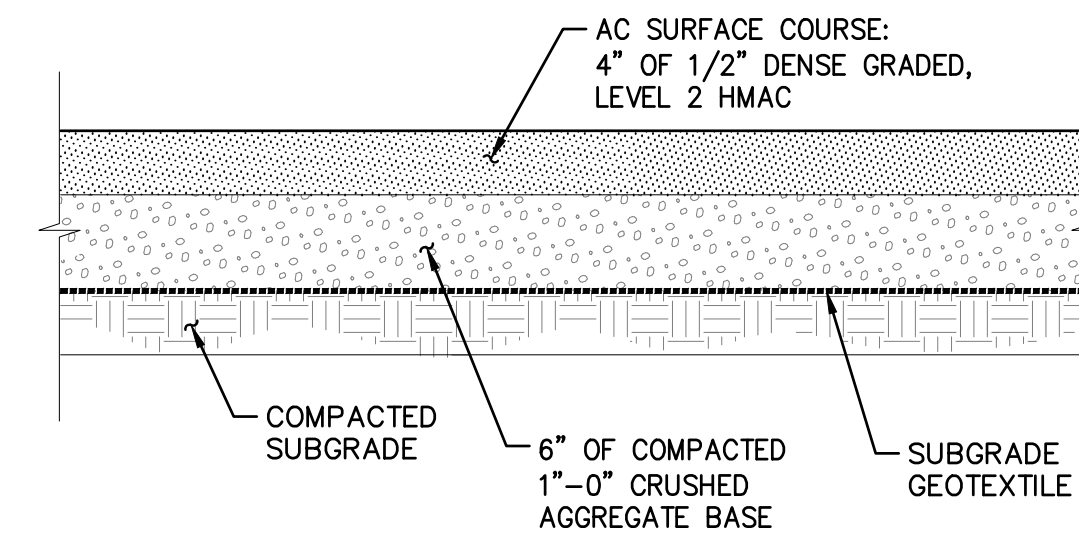
NOTES:

1. PROVIDE MEDIUM BROOM FINISH.
2. SEE LANDSCAPE PLANS FOR JOINTING DETAILS.

1 CONCRETE PAVEMENT SECTION - VEHICULAR
SCALE: NTS



2 ASPHALT PAVEMENT SECTION - VEHICULAR
SCALE: NTS



3 TRANSITION PAVEMENT SECTION
SCALE: NTS



DESCRIPTION	DATE	REVISION

DESIGNED BY CK/MM/TK	DRAWN BY JRC/KY	CHECKED BY FM/MK/CV	DATE APD.
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800 Willamette Street, Suite 400
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4909
www.kpff.com



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PORTLAND, OR 97204
503-228-3122



ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
CONSTRUCTION DETAILS

SHEET NO.
C4.01

File: O:\p\2019\1900193-albany-waterfront\CAD\LOT\public-ph1\0193-04-DETAILS.dwg TAB: C4.01
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 Plotted: 3/10/22 at 10:28am By: ckniphuisen

rd860.dgn 20-JUL-2020

095CB

METHOD "A"

METHOD "B"

METHOD "C"

PLAN SQUARE CUT

PLAN CIRCULAR CUT

ALTERNATE "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Cover manhole with building paper and const. asph. conc. base course and wearing courses.
- Saw cut square or circular excavation around manhole 12" min. from manhole frame.
- Raise manhole cover and frame to finish grade by installing conc. manhole adjustment rings and leveling mortar, as shown.
- Backfill with early strength Portland Cement Concrete. All concrete shall be commercial grade concrete.
- Protect from traffic loading until conc. has cured to 3000 psi.
- Apply tack coat to edges of existing pavement before installing patch.
- Finish joint with asphalt seal and sand.
- See Std. Dwg. RD336 for manhole steps details.
- See appropriate manhole standard drawings for details not shown.
- Use epoxy for synthetic grade rings.
- See Std. Dwg. RD336 for tracer wire details.
- See Std. Dwg. RD356 for manhole covers and frames.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

MANHOLE FRAME ADJUSTMENT

2021

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A SDR DATE 21-JUL-2015

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: December 1, 2021 - May 31, 2022 RD360

rd700.dgn 20-JUL-2020

RD700

O.D.O.T. & City of Portland Standard "H"=16" STANDARD CURB
(See general note 11)

MOUNTABLE CURB
(See general note 11)

CURB ENDING DETAIL

CURB AND GUTTER

MOUNTABLE CURB AND GUTTER

LOW PROFILE MOUNTABLE CURB AND GUTTER
(Where shown on plans)

GUTTER PAN NOTES:

- Slope 5.0% normal.
- Slope 4.0% max. at curb ramps.
- Vary slope as req'd. for drainage. Vary where shown on plans, and allowed by jurisdiction.

LOW PROFILE MOUNTABLE CURB
(See general note 11)

MODIFICATION FOR KEYWAY
(Where shown on plans)

WEEP HOLE DETAIL
(Where shown on plans, and allowed by jurisdiction)

VALLEY GUTTER

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Curb exposure "E" = 6" to 0", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.O.T. standard "E"-7.
- Const. curb expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveway.
- Const. curb contraction joints at 15' maximum spacing, and at ends of each inlet and curb ramp.
- Transitions shall be used to connect curbs of different exposures "E". ("E" is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper). Minimum desirable transition length shall be 20' for each 1" difference in "E".
- Tops of all curbs shall slope toward the roadway at 1.5% max. (Max. 2.0% finished surface slope), unless otherwise shown, or as directed.
- Dimensions are nominal, vary to conform with curb machine approved by the engineer.
- Dimensions adjacent to radii are measured to the point of intersection of curb surfaces.
- For sidewalk details, and monolithic curb & sidewalk, see Std. Dwgs. RD720 & RD721.
- For drainage curbs, see Std. Dwg. RD701.
- For curb ramp details, see Std. Dwgs. RD900 series.
- On or along state highways, curb and gutter is required at curb ramp.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

CURBS

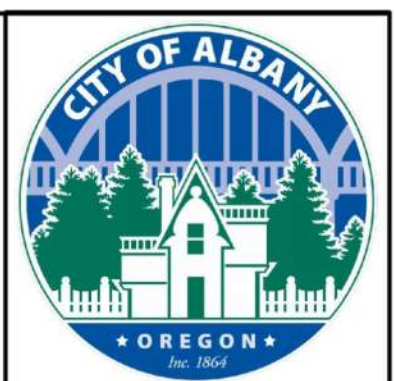
2021

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A SDR DATE 20-JUL-2020

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: December 1, 2021 - May 31, 2022 RD700



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CHECKED BY			
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DATE APPRD.			

DESIGNED BY CK/MM/TK
 DRAWN BY JRC/KY
 CHECKED BY FM/MK/CV
 DATE APPRD.

OREGON STANDARD DRAWINGS

MANHOLE FRAME ADJUSTMENT

2021

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A SDR DATE 21-JUL-2015

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

MANHOLE FRAME ADJUSTMENT

2021

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A SDR DATE 21-JUL-2015

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2020
 MATTHEW M. KEENEY

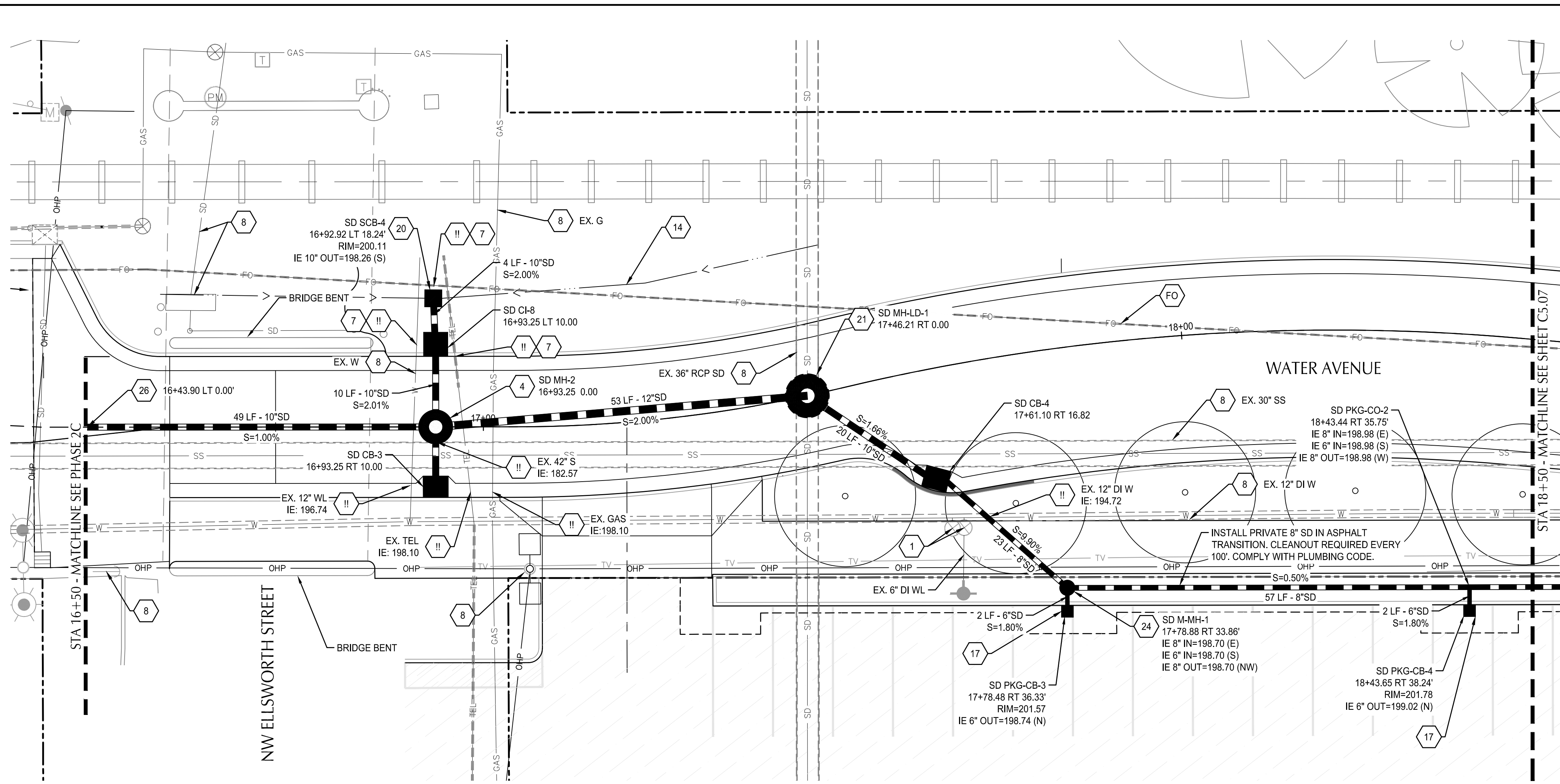
EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1

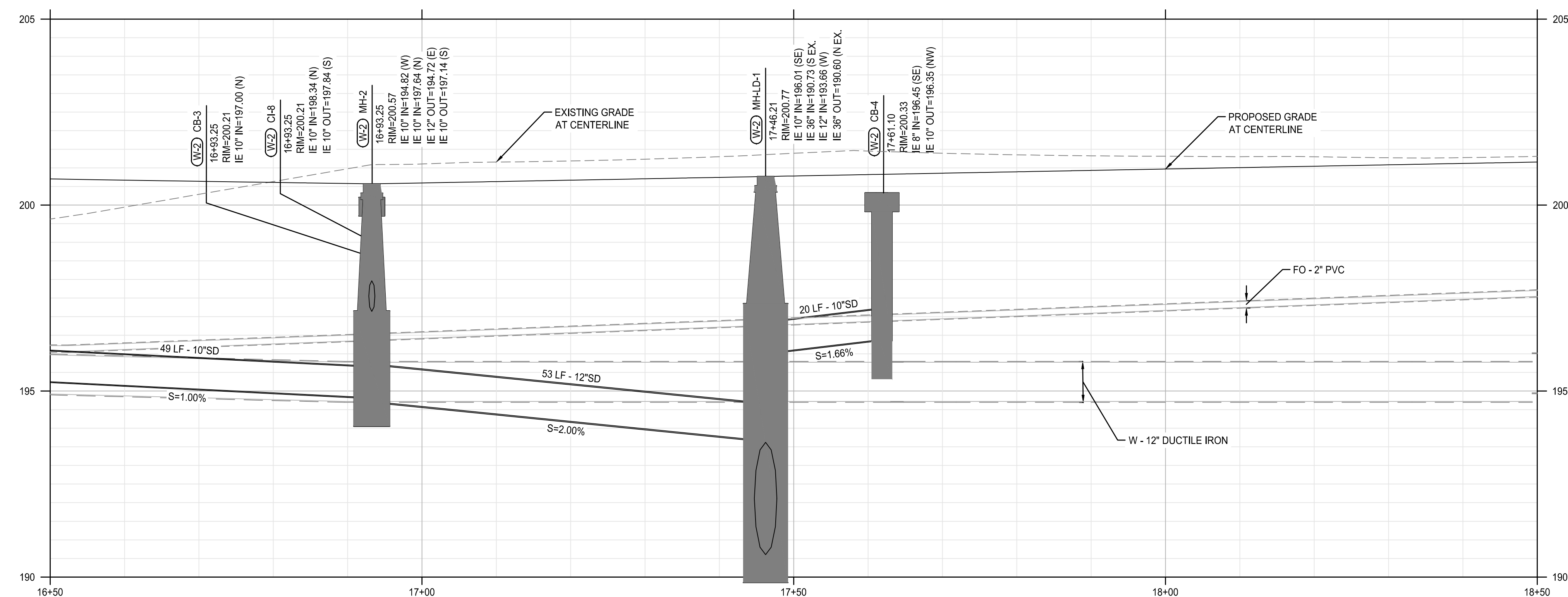
CONSTRUCTION DETAILS

SHEET NO.
C4.02

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.06
 Plotted: 3/10/22 at 10:30am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 2'

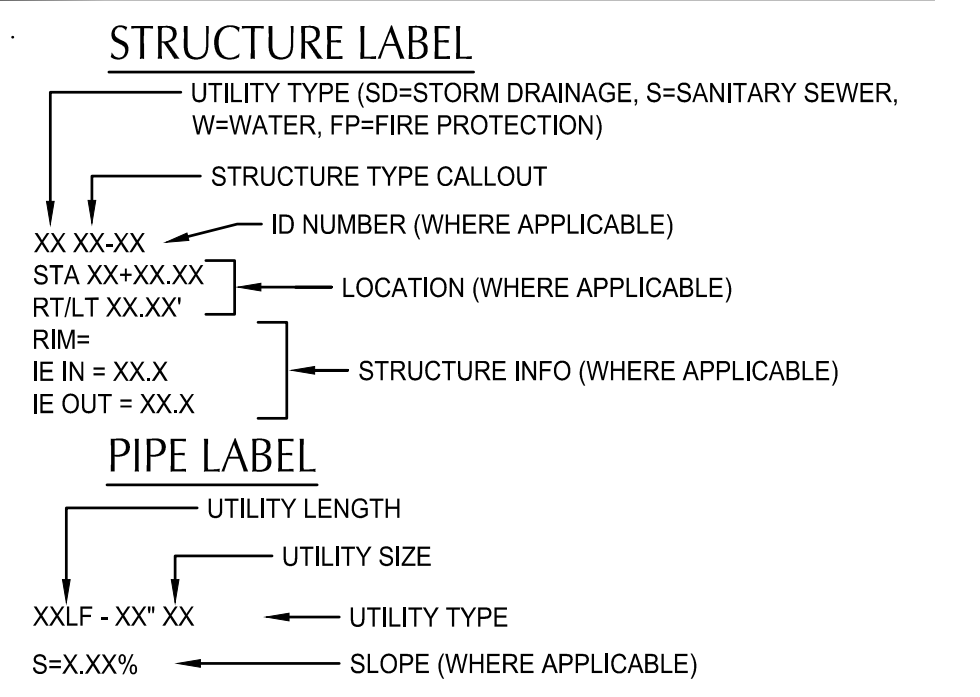
SHEET NOTES

- MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

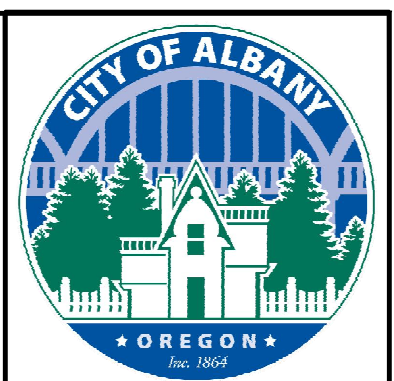
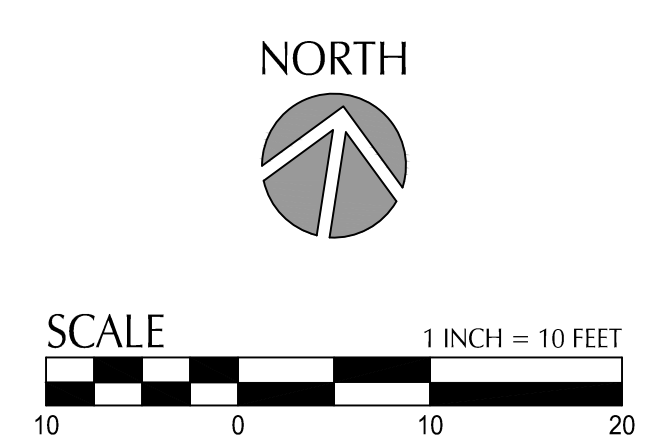
- ADJUST STRUCTURE TO FINISHED GRADE
- CONSTRUCT STANDARD PRECAST MANHOLE. SEE COA STD DWG NO-401
- POTHOLE TO VERIFY UTILITY DEPTH AND SIZE
- PROTECT EXISTING UTILITY
- DRAINAGE SWALE. GRADE TO SHOULDER CATCH BASIN
- INSTALL PRIVATE CATCH BASIN PER PLUMBING CODE
- INSTALL CATCH BASIN IN SHOULDER OF ROAD. SEE DETAIL 4/C5.50
- CONSTRUCT 72" LARGE DIAMETER PRECAST MANHOLE OVER EXISTING 36" RCP STORM DRAIN WITH CAST IN PLACE BASE. SEE COA STD DWG NO-404 & 408
- CONSTRUCT STANDARD STORM MINI MANHOLE OVER EXISTING STORM DRAIN
- CAP NEW STORM MAIN WITH MECHANICAL PLUG FOR FUTURE PHASE 2C CONNECTION
- PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	COA STD DWG
CB	CATCH BASIN	NO-414
CI	CURB INLET	NO-412 & 413
CO	CLEANOUT	2/C5.50
M-MH	24" MINI-MANHOLE	NO-416
MH-LD	MANHOLE - LARGE DIAMETER	NO-404 & 408
PKG-CB	TRAPPED CATCH BASIN - PARKING LOT	3/C5.50
SCB	SHOULDER CATCH BASIN	4/C5.50



DESIGNED BY	DESCRIPTION
CK/MM/TK	
DRAWN BY	
JRC/KY	
CHECKED BY	
FM/MK/CV	
DATE APPR.	

kpff
 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

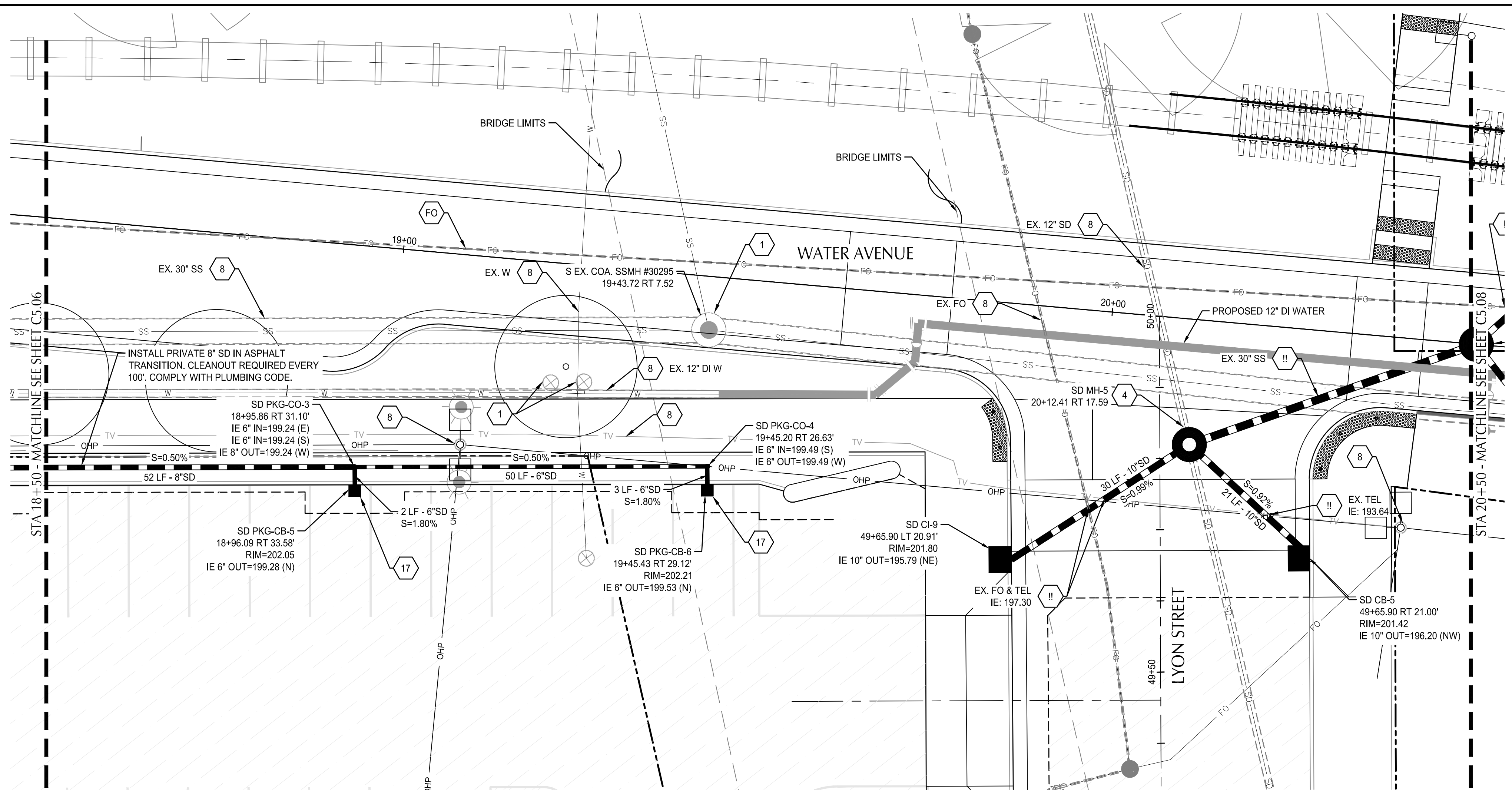
REGISTERED PROFESSIONAL ENGINEER
 36481
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 OREGON
 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 16+50 TO STA 18+50

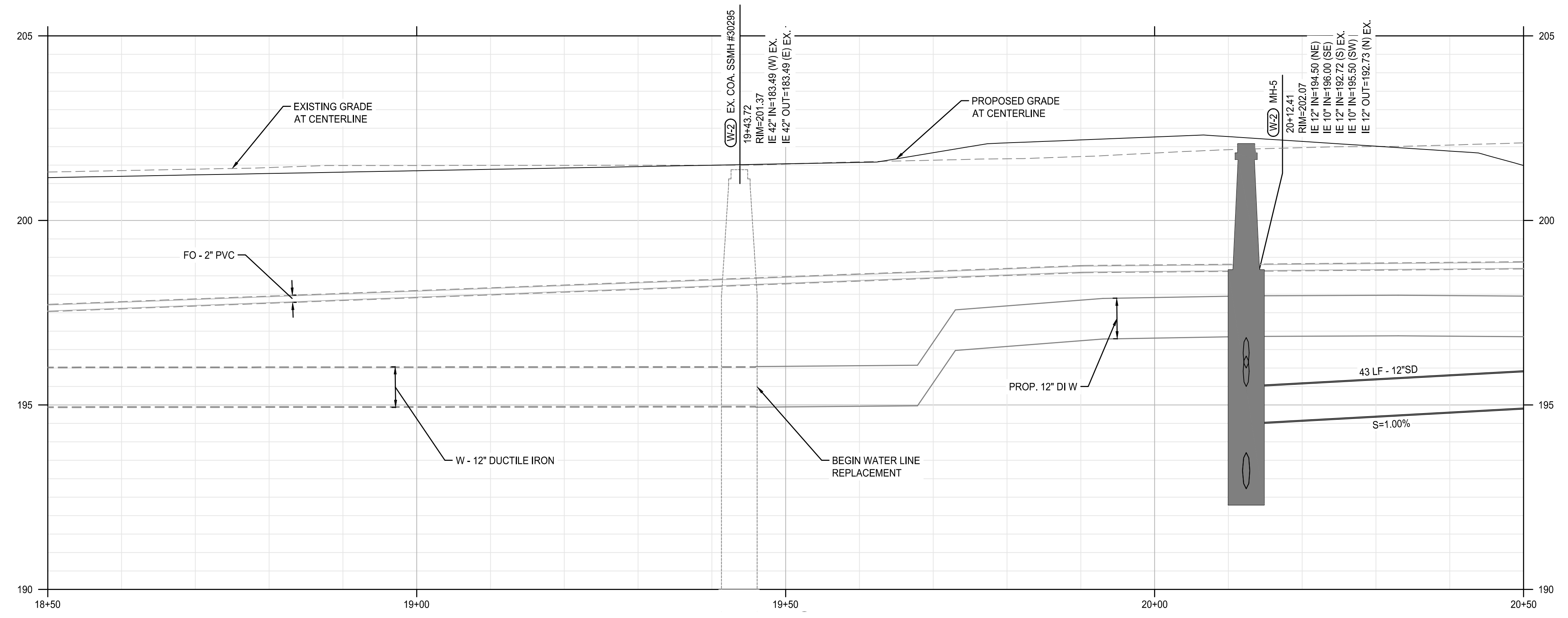
SHEET NO.
C5.06

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.07
 Plotted: 3/10/22 at 10:31am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 2'

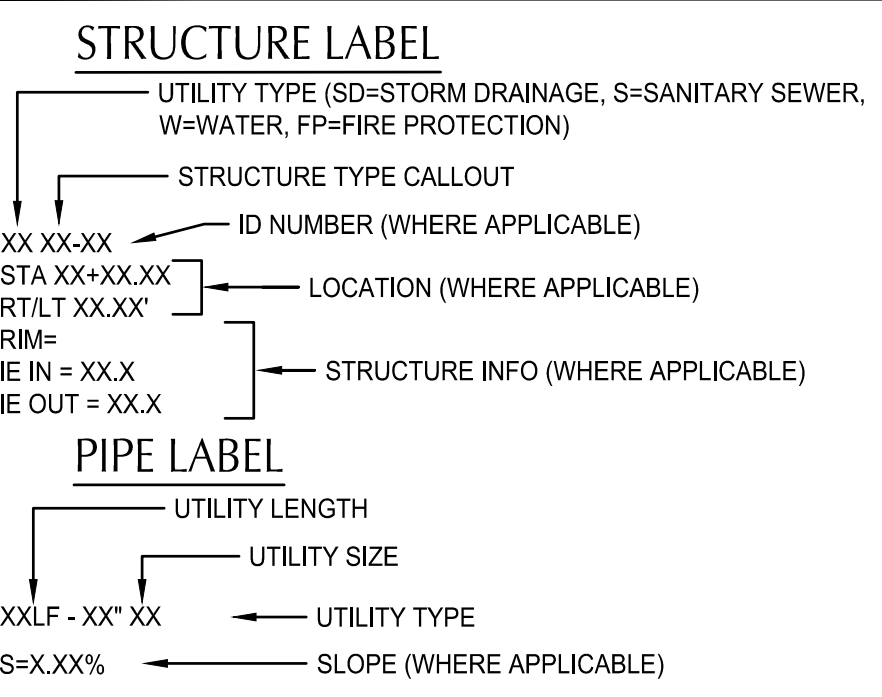
SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- 2 SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- 3 WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5' DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

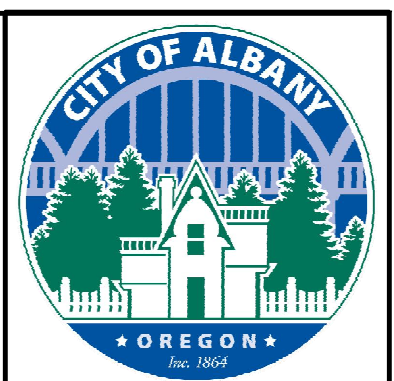
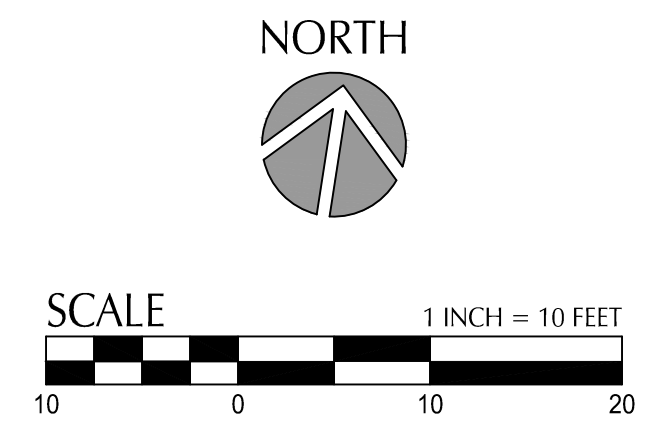
- 1 ADJUST STRUCTURE TO FINISHED GRADE
- 4 CONSTRUCT STANDARD PRECAST MANHOLE. SEE COA STD DWG NO-401
- 8 PROTECT EXISTING UTILITY
- 17 INSTALL PRIVATE CATCH BASIN PER PLUMBING CODE
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- !! UTILITY CROSSING

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	COA STD DWG
CB	CATCH BASIN	NO-414
CI	CURB INLET	NO-412 & 413
CO	CLEANOUT	2/C5.50
MH	STORM DRAINAGE MANHOLE	NO-401



DESIGNED BY	CK / MM / TK	DESCRIPTION
DRAWN BY	JRC / KY <td>DATE</td>	DATE
CHECKED BY	FM / MK / CV <td>REVISION</td>	REVISION
DATE APPD.		

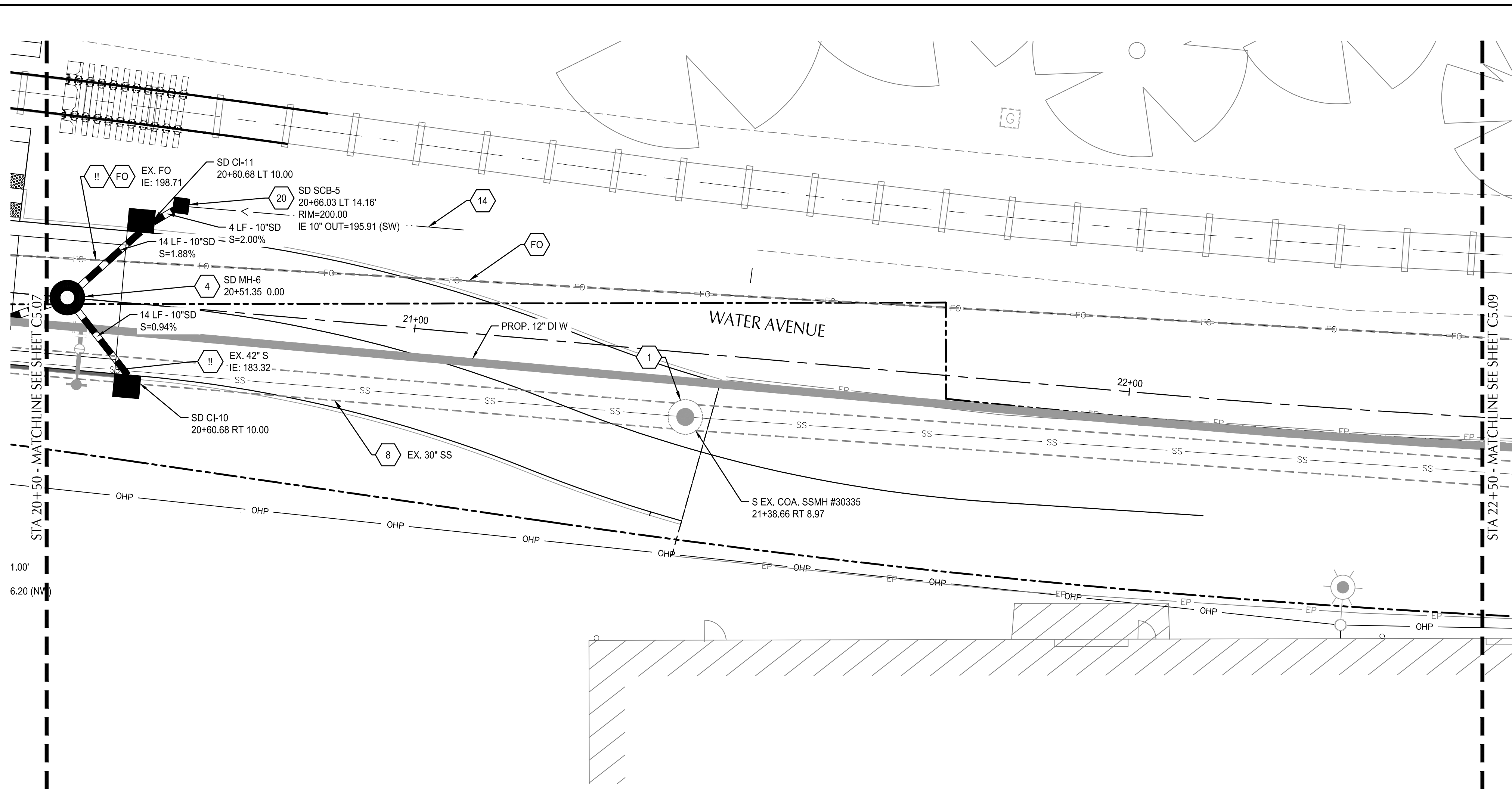


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 18+50 TO STA 20+50

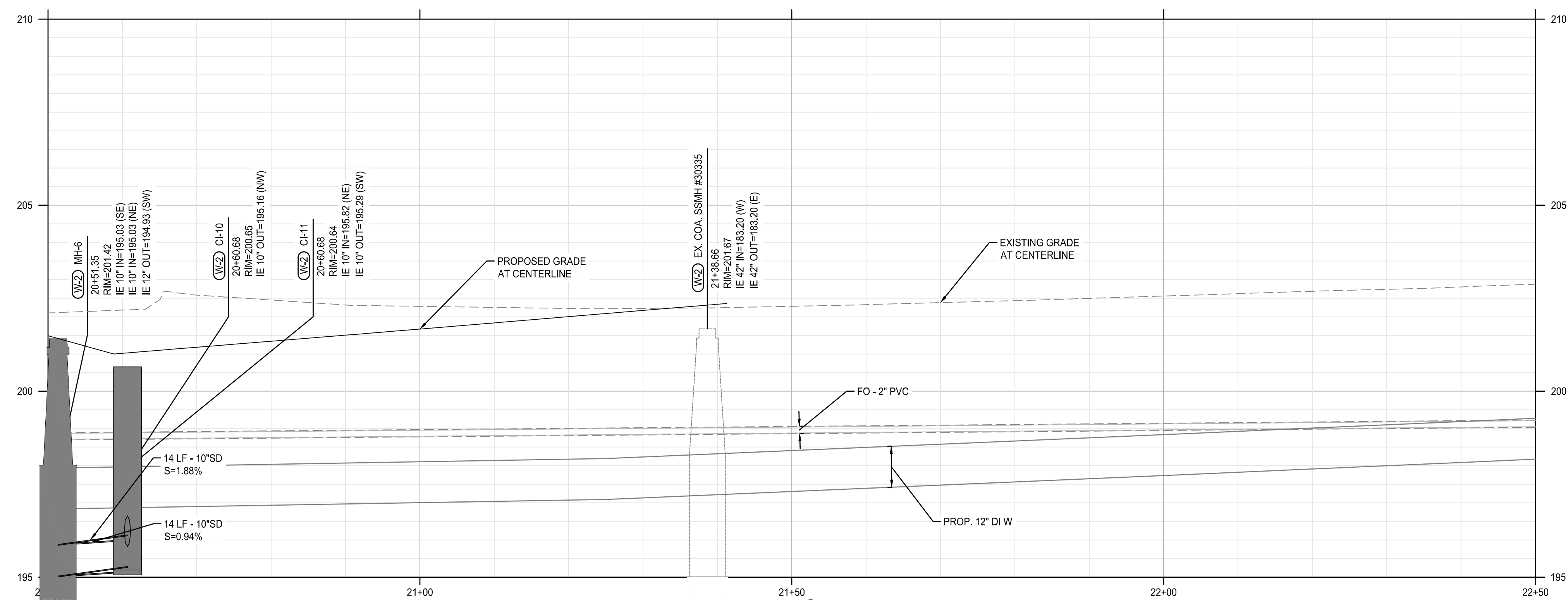
SHEET NO.
C5.07

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:32am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 2'

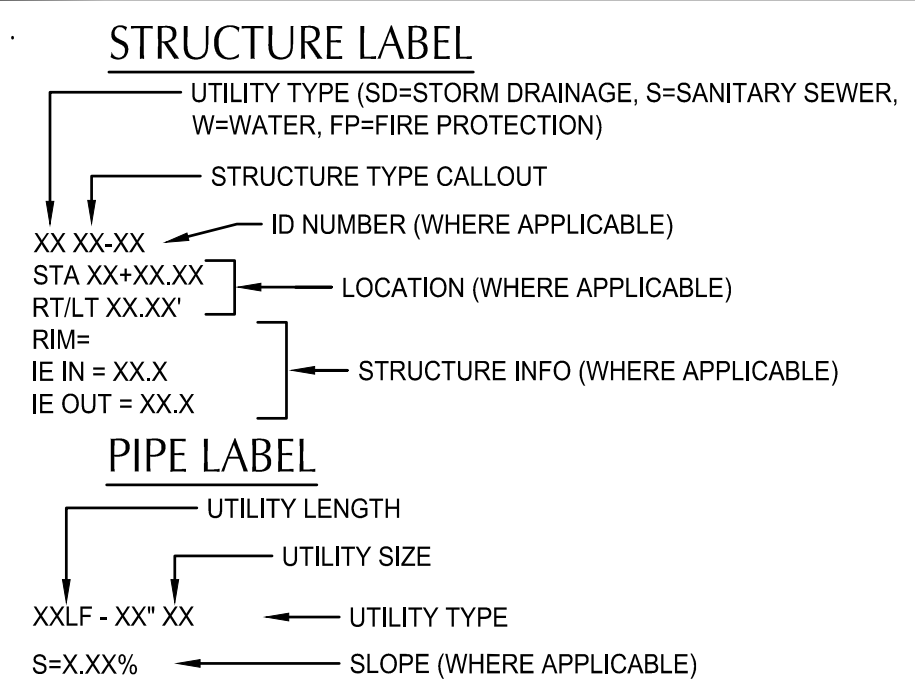
SHEET NOTES

- MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5' DEPRESSION AT FACE OF CURB.
- SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

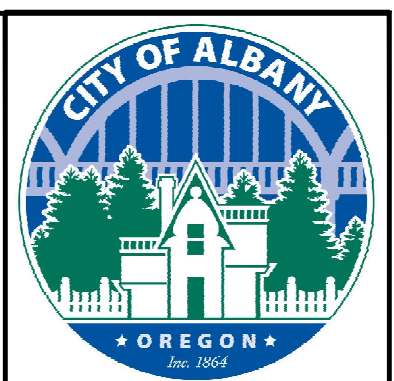
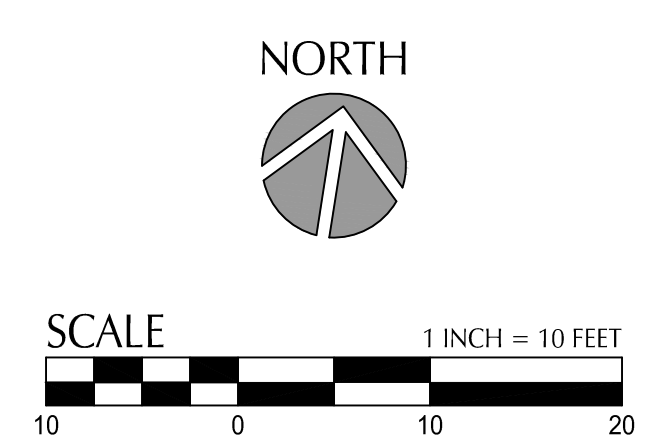
- 1 ADJUST STRUCTURE TO FINISHED GRADE
- 4 CONSTRUCT STANDARD PRECAST MANHOLE. SEE COA STD DWG NO-401
- 8 PROTECT EXISTING UTILITY
- 14 DRAINAGE SWALE. GRADE TO SHOULDER CATCH BASIN
- 20 INSTALL CATCH BASIN IN SHOULDER OF ROAD. SEE DETAIL 4/C5.50
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- !! UTILITY CROSSING

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	COA STD DWG
CI	CURB INLET	NO-412 & 413
MH	STORM DRAINAGE MANHOLE	NO-401
SCB	SHOULDER CATCH BASIN	4/C5.50



NO.	DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD:

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

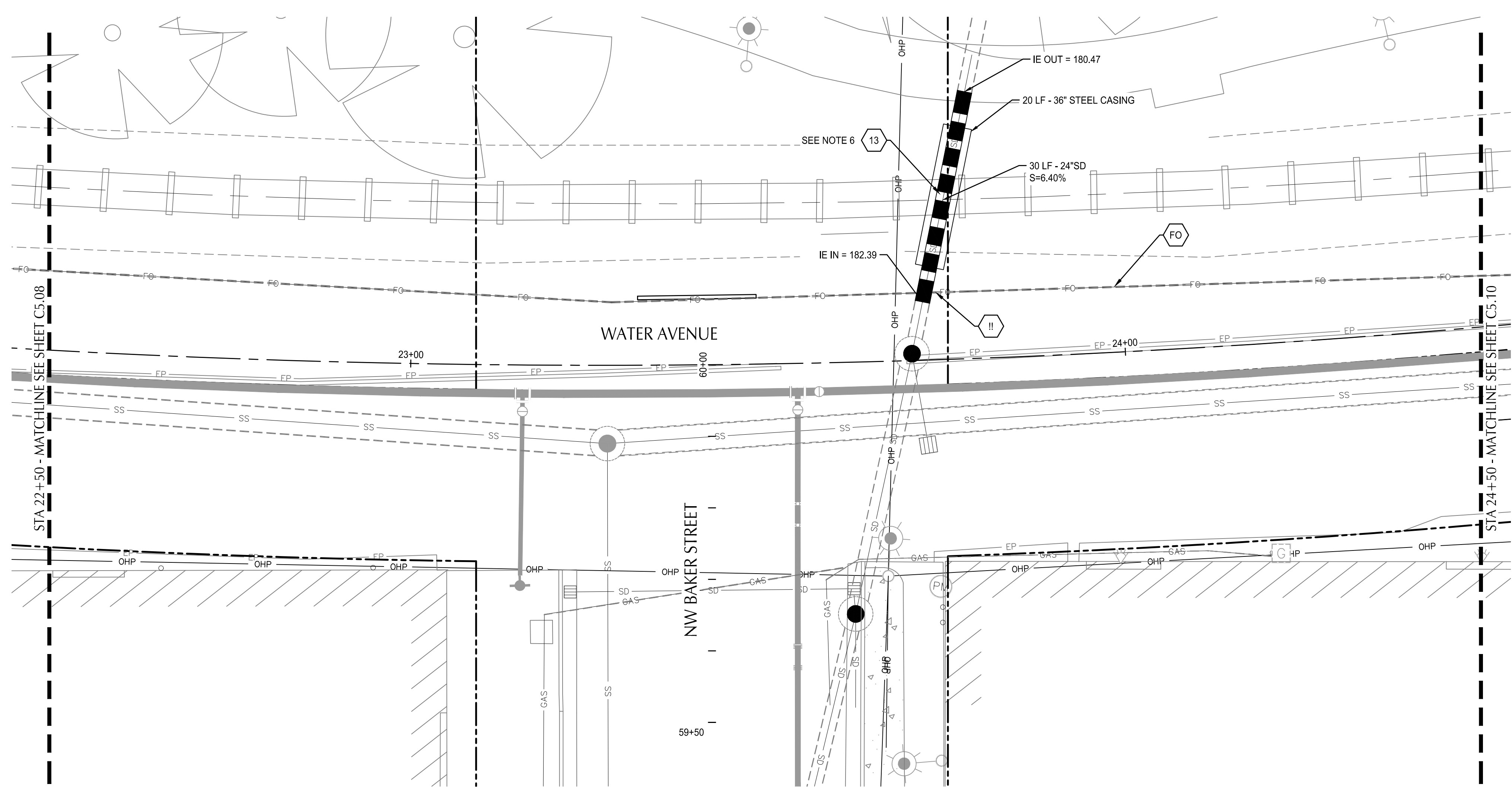


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 20+50 TO STA 22+50

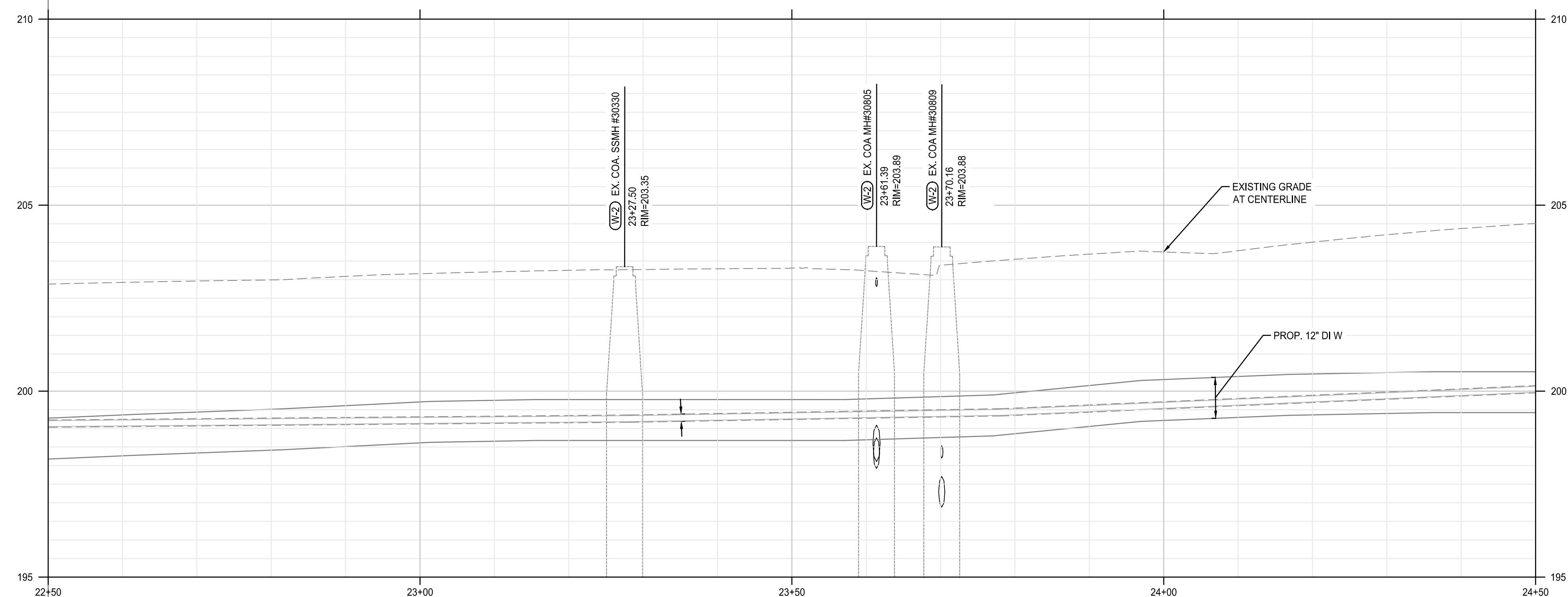
SHEET NO.
C5.08

PHASE 1 BID SET - 03/14/2022

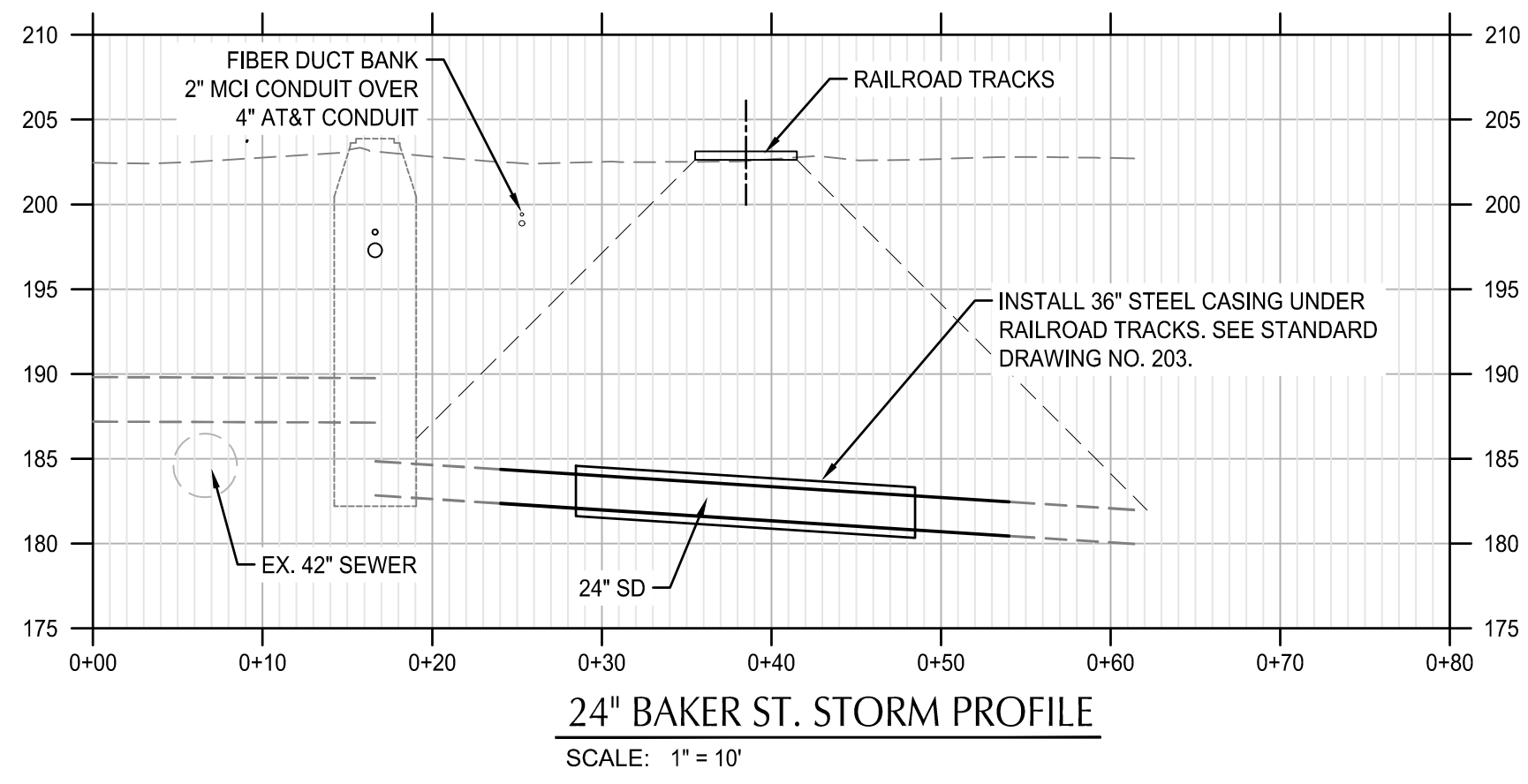
File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLANT\0193-05-STORM & UTIL-PH1.dwg TAB: C5.09
 Plotted: 3/10/22 at 10:33am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'

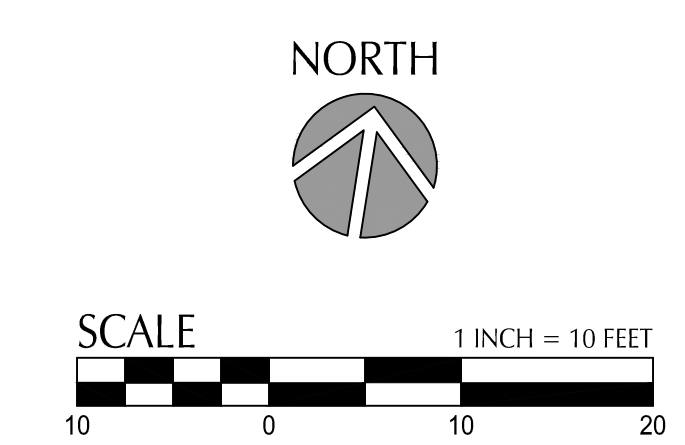
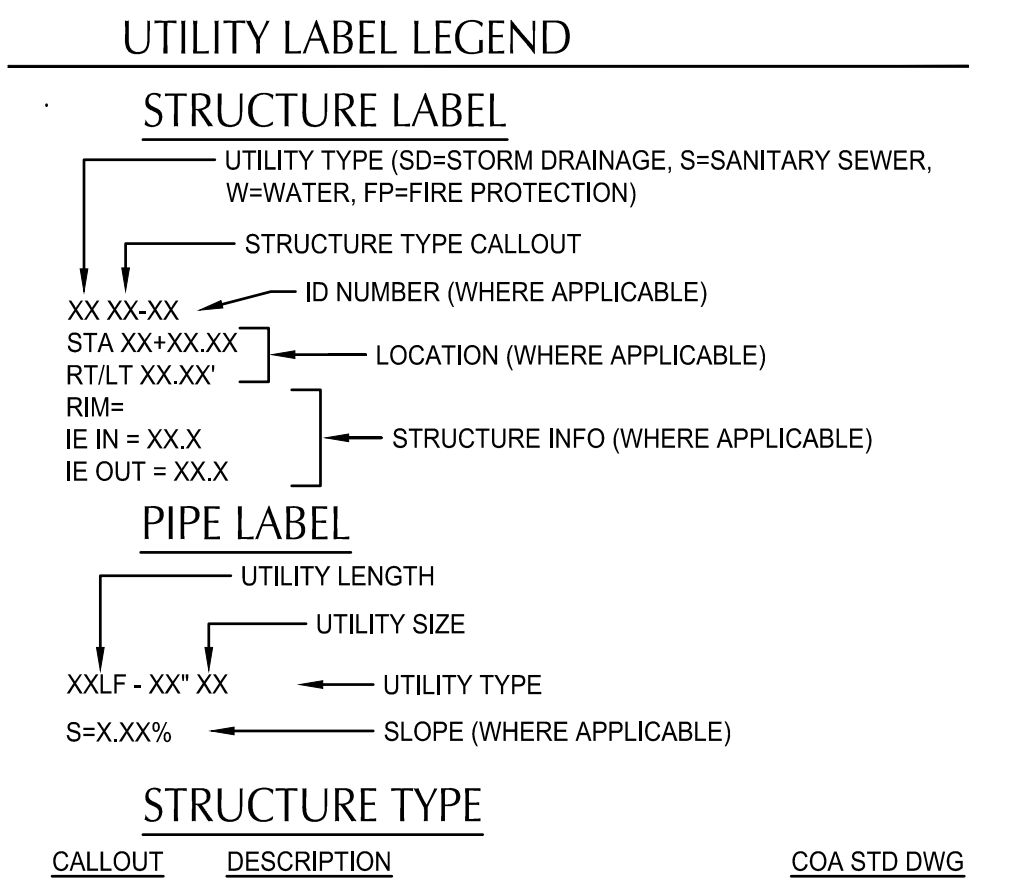


WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'



24" BAKER ST. STORM PROFILE
 SCALE: 1" = 10'

- SHEET NOTES**
- MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
 - SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
 - WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
 - RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
 - SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.
 - CONTRACTOR TO INSTALL STORM MAIN AND CASING BY COORDINATING WITH THE RAILROAD CONTRACTOR REGARDING THE REMOVAL OF RAILROAD TRACK, TIES AND BALLAST IN CONJUNCTION WITH EXISTING PEDESTRIAN CROSSING DEMOLITION. CASING EXCAVATION, INSTALLATION, AND BACKFILLING SHALL BE COMPLETED IN ONE WORK WEEKEND TO AVOID INTERFERENCE WITH TRAIN OPERATIONS. CONTRACTOR TO NOTIFY PORTLAND & WESTERN RAILROAD (PNWR) AND BNSF MINIMUM OF 4 WEEKS PRIOR TO TRENCHING. COORDINATE WITH PNWR & BNSF TO DETERMINE CASING BACKFILL AND COMPACTION REQUIREMENTS AND TIMES WHEN THE TRAIN WILL BE IN OPERATION. ALL BALLAST OR TRACK WORK SHALL BE COMPLETED BY PNWR. STEEL CASING TO BE 20' LONG CENTERED ON TRAIL CROSSING AND HAVE A MINIMUM WALL THICKNESS OF 5/8". CARRIER PIPE TO BE 30' LONG PVC PIPE. CONTRACTOR TO VERIFY CASING AND CARRIER PIPE PROPERTIES WITH CITY OF ALBANY ENGINEERING DEPARTMENT.
- UTILITY KEYNOTES**
- REPLACE COLLAPSING STORM PIPE SECTION UNDER RAILROAD. REPLACEMENT WILL REQUIRE OPEN TRENCH. INSTALL 24" ASTM 3034 PIPE INSIDE 36" STEEL CASING. RECONNECT TWO EXISTING PIPE WITH SOLID SLEEVE TRANSITION COUPLINGS. SEE NOTE 5 THIS SHEET AND RAILROAD IMPROVEMENT COORDINATION NOTES ON C0.03
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- !! UTILITY CROSSING



DESIGNED BY	DESCRIPTION
CK/MM/TK	
DRAWN BY	
JRC/KY	
CHECKED BY	
FM/MK/CV	
DATE APD.	
REVISION	

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800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
www.kpff.com

WALKER MACY

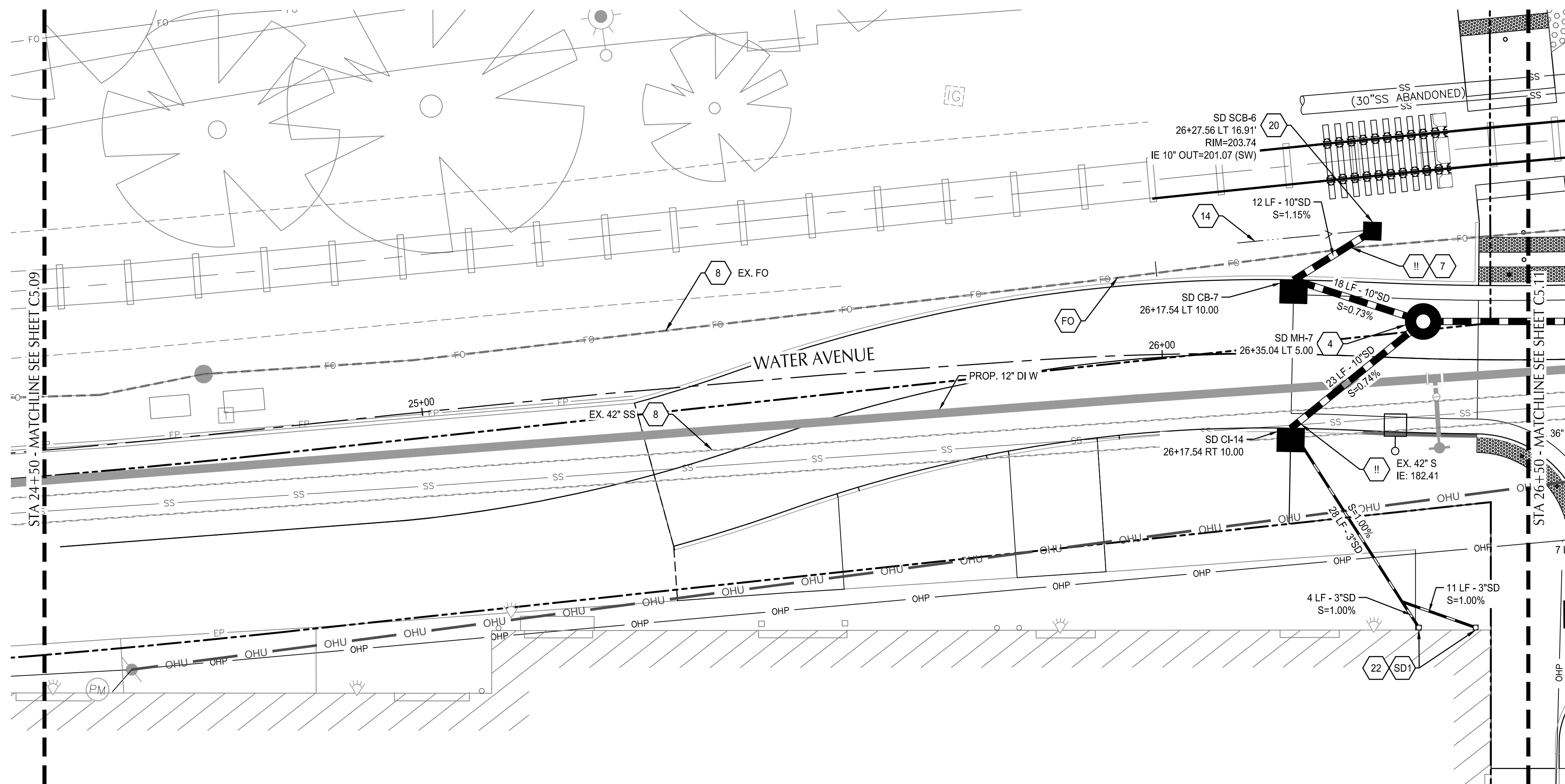
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 36481
DIGITALLY SIGNED
 OREGON
 JUL 19, 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

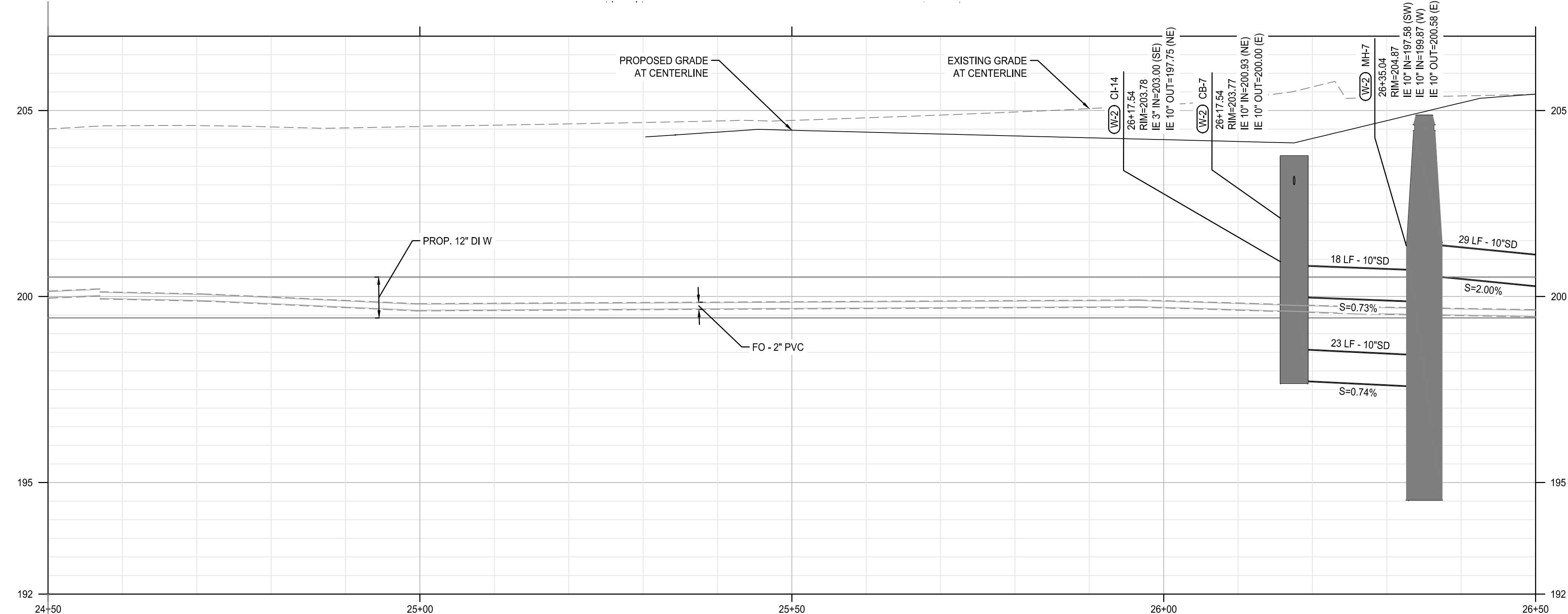
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 22+50 TO STA 24+50

SHEET NO.
C5.09

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\UTIL-PH1.dwg & UTIL-PH1.dwg TAB: C5.10
 Plotted: 3/10/22 at 10:33am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

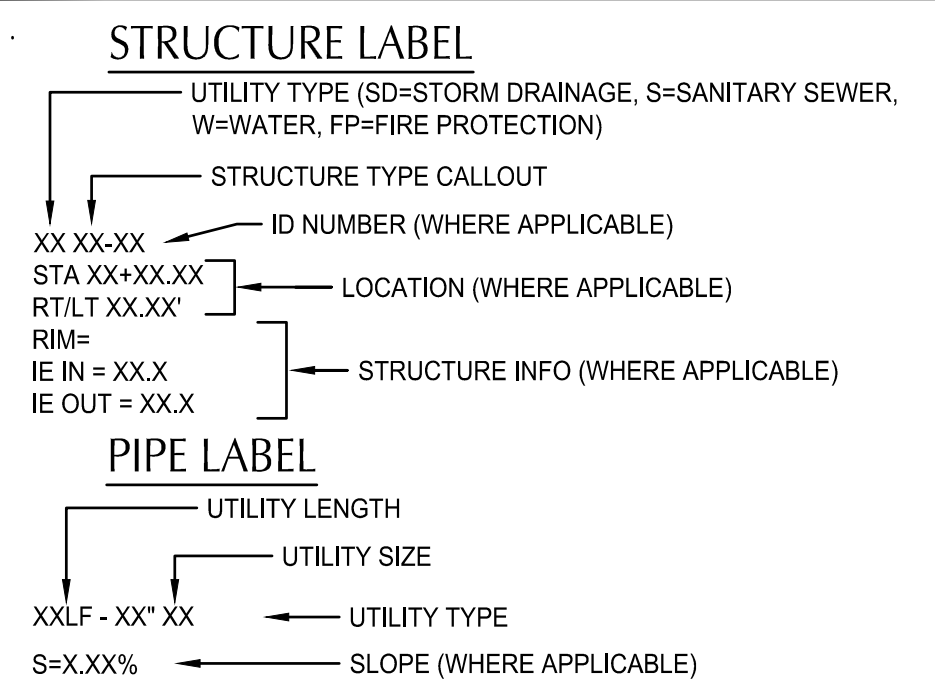
SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- 2 SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- 3 WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5' DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

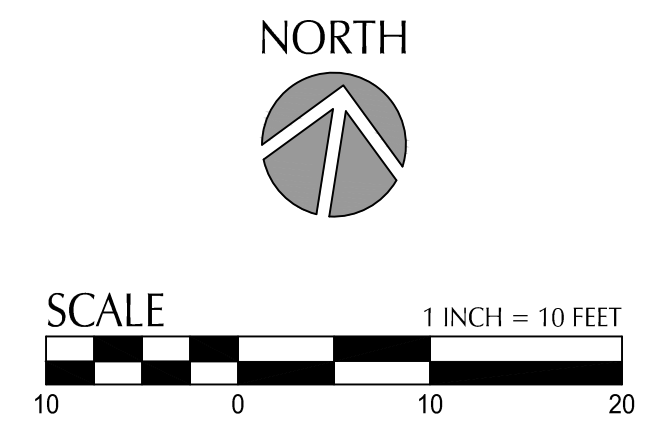
- 4 CONSTRUCT STANDARD PRECAST MANHOLE. SEE COA STD DWG NO-401
- 7 POTHOLE TO VERIFY UTILITY DEPTH AND SIZE
- 8 PROTECT EXISTING UTILITY
- 14 DRAINAGE SWALE. GRADE TO SHOULDER CATCH BASIN
- 20 INSTALL CATCH BASIN IN SHOULDER OF ROAD. SEE DETAIL 4/C5.50
- 22 INSTALL PLUMBING ON PRIVATE PROPERTY IN ACCORDANCE WITH LOCAL PLUMBING CODE
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- SD1 CONNECT TO STORM DRAIN/ROOF DRAIN AND WEEP TO CURB. MAINTAIN 2' MIN. SEPERATION FROM PROPOSED TREES. COORDINATE WITH CITY MAINTENANCE. SEE COA STD DWG NO-306 & 307 AND DETAIL 1/C5.50
- !! UTILITY CROSSING

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	COA STD DWG
CB	CATCH BASIN	NO-414
CI	CURB INLET	NO-412 & 413
MH	STORM DRAINAGE MANHOLE	NO-401
SCB	SHOULDER CATCH BASIN	4/C5.50



DESIGNED BY	DATE	REVISION	DESCRIPTION
CK/MM/TK			
DRAWN BY			
JRC/KY			
CHECKED BY			
FM/MK/CV			
DATE APPD.			

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 Eugene, OR 97401
 O: 541.684.4902
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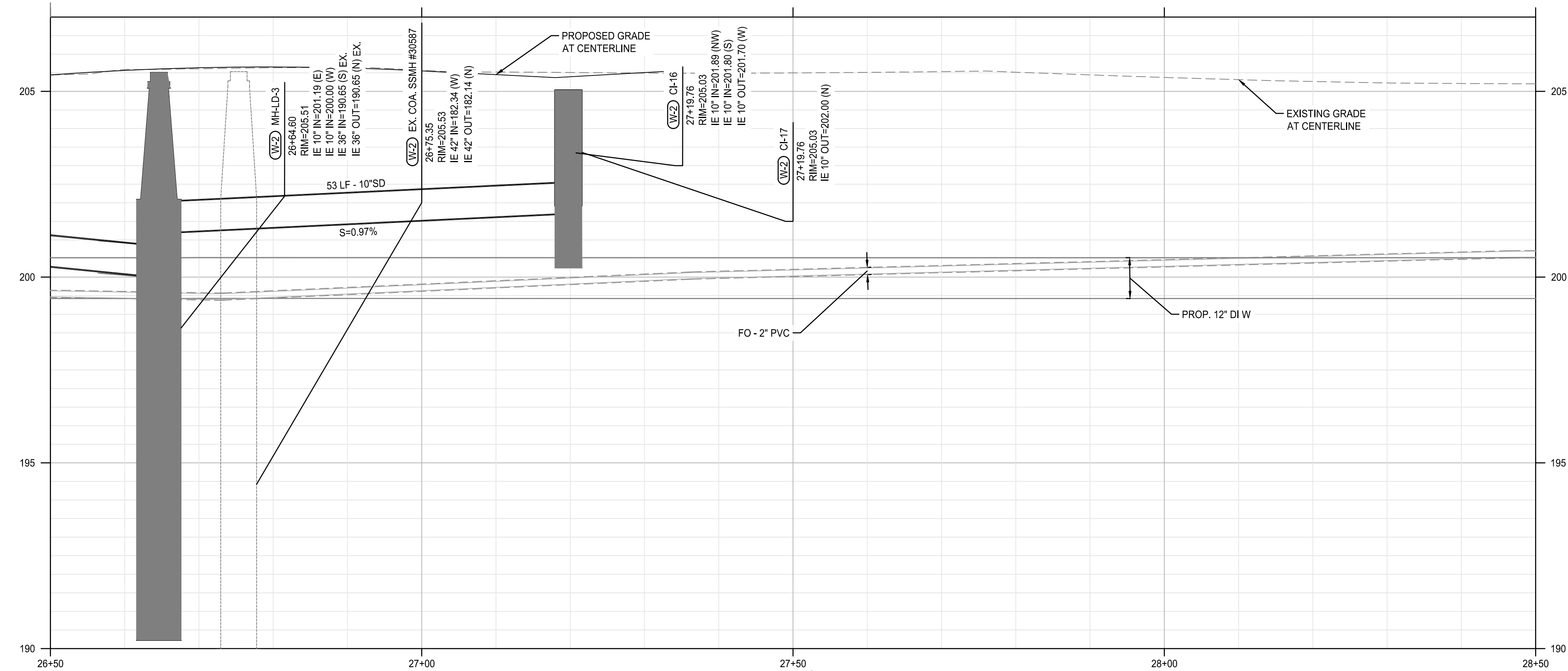
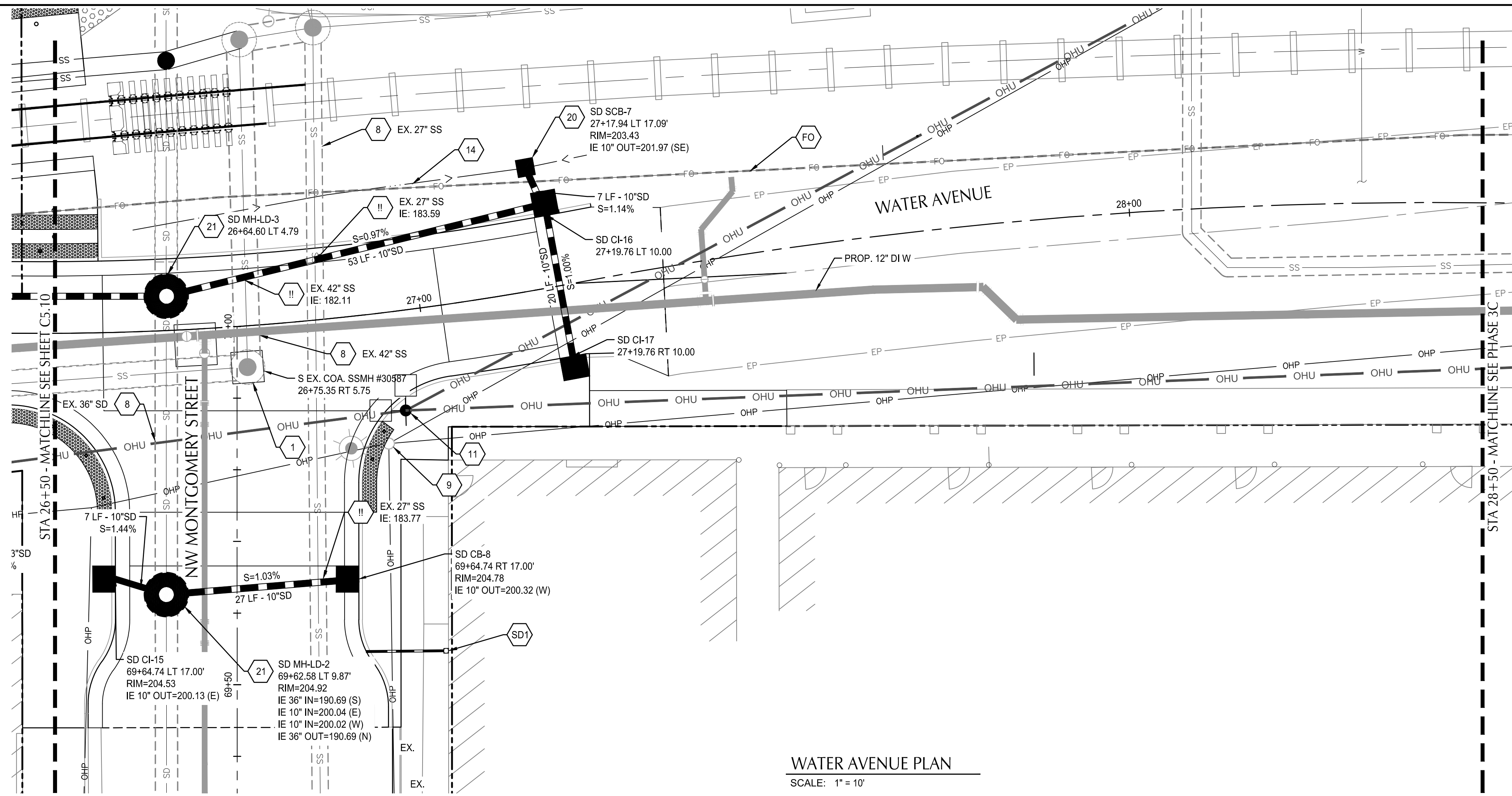
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 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 24+50 TO STA 26+50

SHEET NO.
C5.10



SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO, ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- 2 SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- 3 WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

- 1 ADJUST STRUCTURE TO FINISHED GRADE
- 8 PROTECT EXISTING UTILITY
- 9 RELOCATE EXISTING UTILITY POLE, BY PACIFIC POWER, SEE PACIFIC POWER COORDINATION NOTES ON C0.03
- 11 PROTECT NEW PERMANENT UTILITY POLE INSTALLED BY PACIFIC POWER, COORDINATE LOCATION WITH LIGHTING AND PACIFIC POWER
- 14 DRAINAGE SWALE, GRADE TO SHOULDER CATCH BASIN
- 20 INSTALL CATCH BASIN IN SHOULDER OF ROAD. SEE DETAIL 4/C5.50
- 21 CONSTRUCT 72" LARGE DIAMETER PRECAST MANHOLE OVER EXISTING 36" RCP STORM DRAIN WITH CAST IN PLACE BASE. SEE COA STD DWG NO-404 & 408
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- SD1 CONNECT TO STORM DRAIN/ROOF DRAIN AND WEEP TO CURB. MAINTAIN 2' MIN. SEPERATION FROM PROPOSED TREES. COORDINATE WITH CITY MAINTENANCE. SEE COA STD DWG NO-306 & 307 AND DETAIL 1/C5.50
- !! UTILITY CROSSING

UTILITY LABEL LEGEND

STRUCTURE LABEL

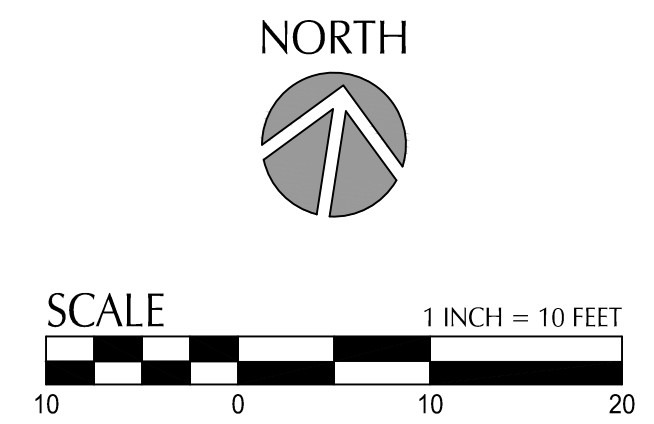
- UTILITY TYPE (SD=STORM DRAINAGE, S=SANITARY SEWER, W=WATER, FP=FIRE PROTECTION)
- STRUCTURE TYPE CALLOUT
- ID NUMBER (WHERE APPLICABLE)
- LOCATION (WHERE APPLICABLE)
- STRUCTURE INFO (WHERE APPLICABLE)

PIPE LABEL

- UTILITY LENGTH
- UTILITY SIZE
- UTILITY TYPE
- SLOPE (WHERE APPLICABLE)

STRUCTURE TYPE

CALLOUT	DESCRIPTION	COA STD DWG
CB	CATCH BASIN	NO-414
CI	CURB INLET	NO-412 & 413
MH-LD	MANHOLE - LARGE DIAMETER	NO-404 & 408
SCB	SHOULDER CATCH BASIN	4/C5.50



NO.	DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPRD:

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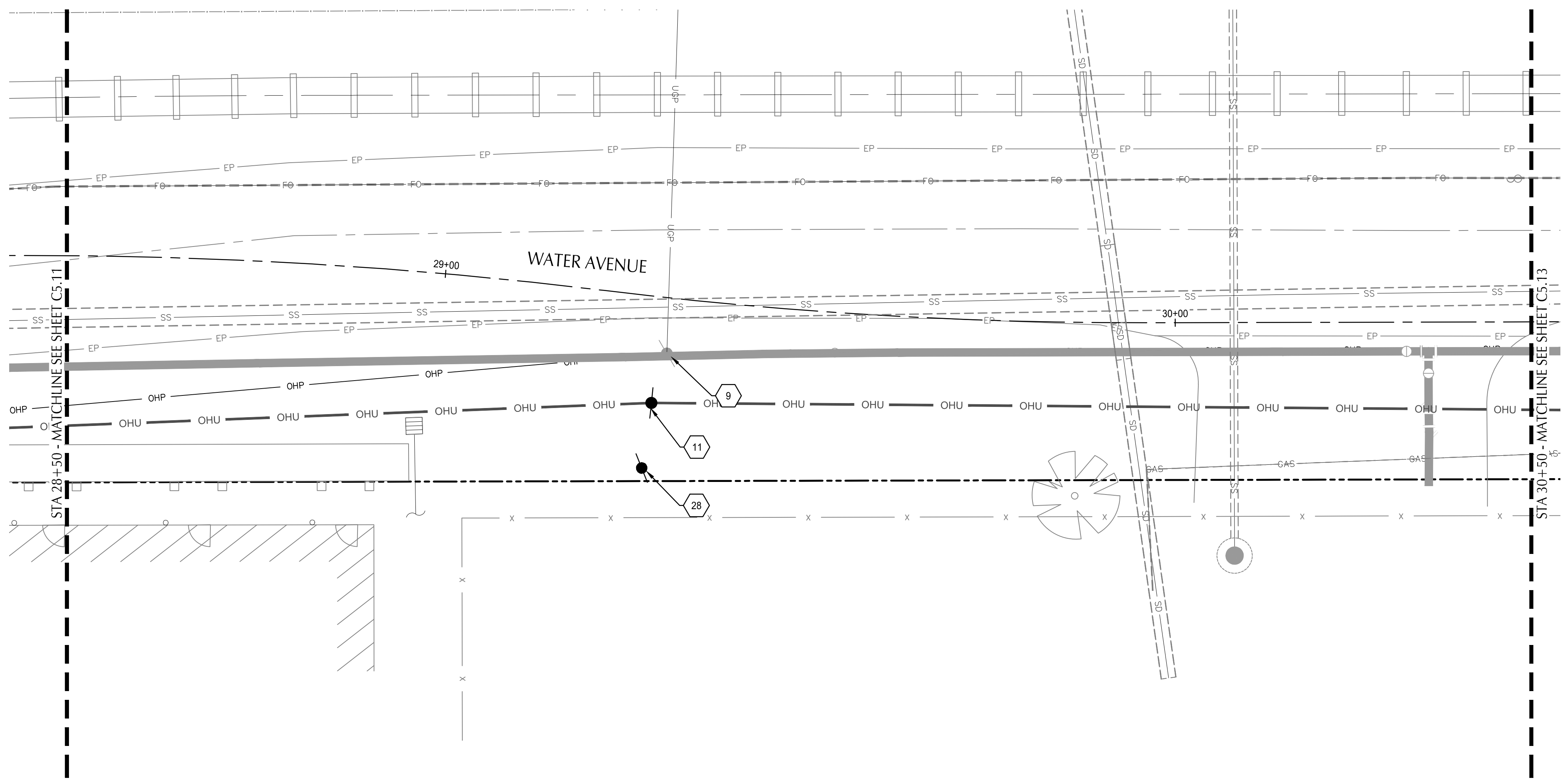
WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

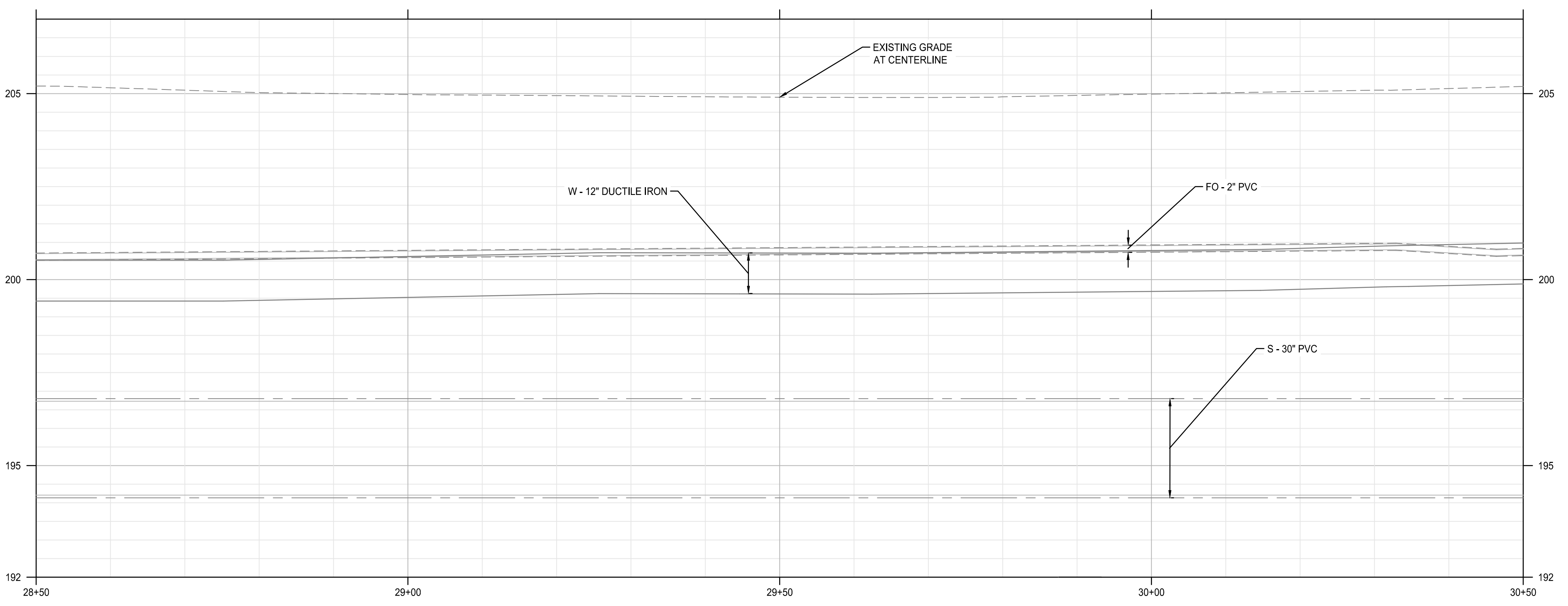
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 26+50 TO STA 28+50

SHEET NO.
C5.11

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.12
 Plotted: 3/10/22 at 11:57am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE 80FILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
- 2 SEE STORMWATER FACILITY DETAIL SHEETS C6.01 FOR DRAINAGE DETAILS IN STORMWATER FACILITIES.
- 3 WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

- 9 RELOCATE EXISTING UTILITY POLE, BY PACIFIC POWER. SEE PACIFIC POWER COORDINATION NOTES ON C0.03
- 11 PROTECT NEW PERMANENT UTILITY POLE INSTALLED BY PACIFIC POWER. COORDINATE LOCATION WITH LIGHTING AND PACIFIC POWER.
- 28 TEMPORARY UTILITY POLE LOCATION, BY PACIFIC POWER



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD:

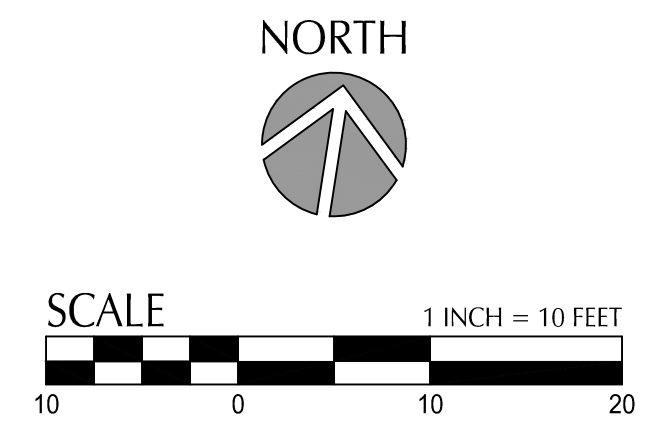
800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
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 JUL 19, 2020
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 EXPIRATION DATE: 06/30/23

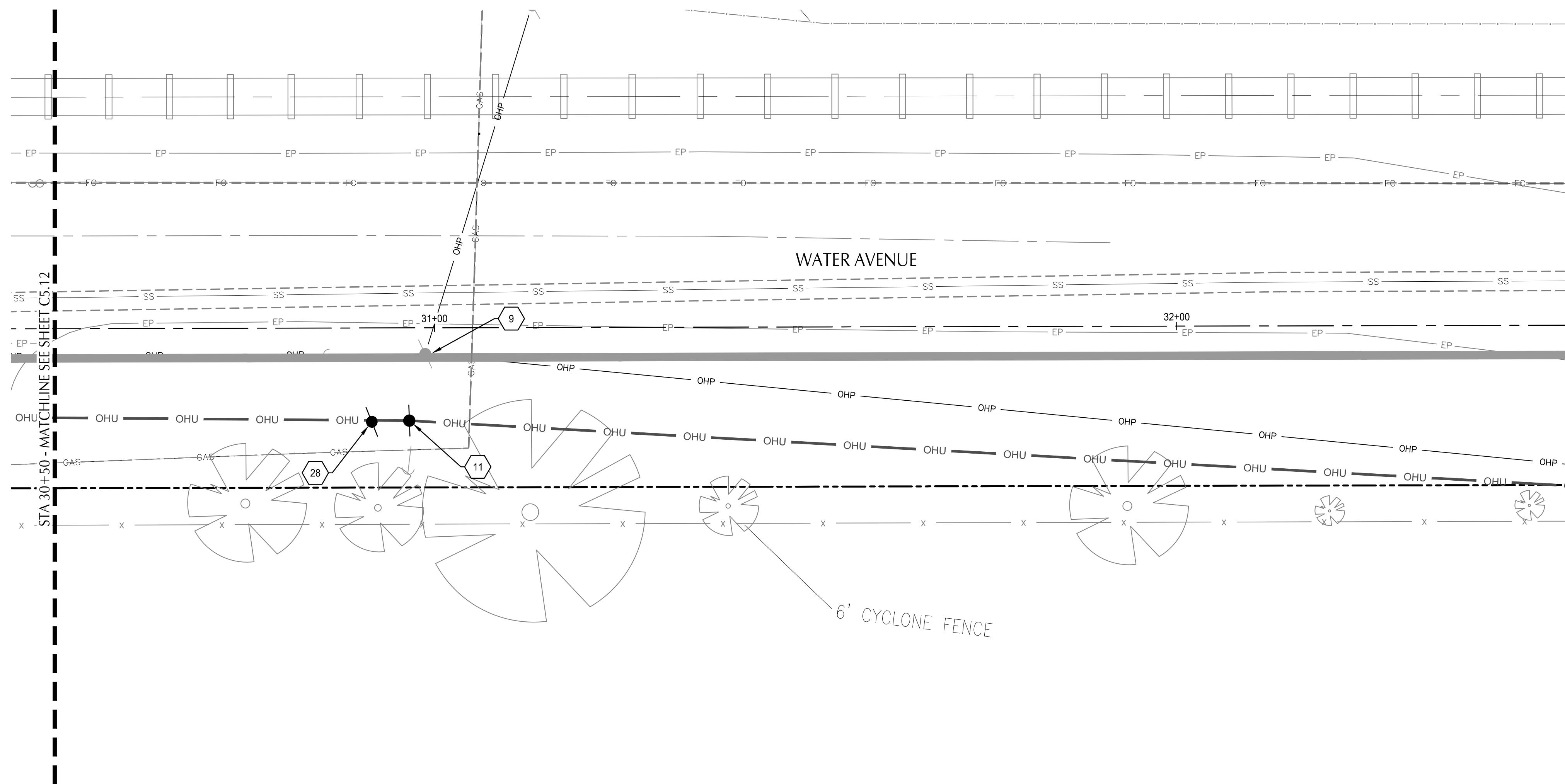
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 28+50 TO STA 30+50

SHEET NO.
C5.12

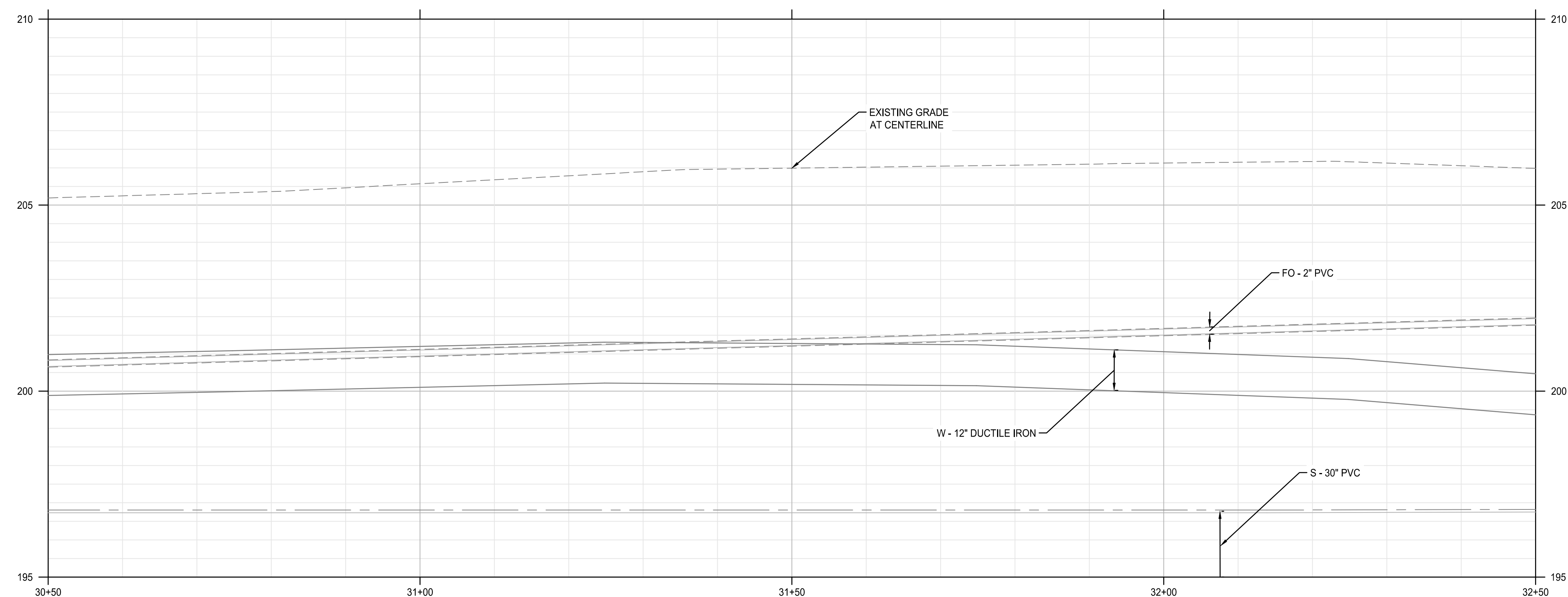


PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.13
 Plotted: 3/10/22 at 12:02pm By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
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- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

UTILITY KEYNOTES

- 9 RELOCATE EXISTING UTILITY POLE, BY PACIFIC POWER. SEE PACIFIC POWER COORDINATION NOTES ON C0.03
- 11 PROTECT NEW PERMANENT UTILITY POLE INSTALLED BY PACIFIC POWER. COORDINATE LOCATION WITH LIGHTING AND PACIFIC POWER.
- 28 TEMPORARY UTILITY POLE LOCATION, BY PACIFIC POWER



NO.	DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APD:

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 O: 541.684.4902
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 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
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 OREGON
 JUL 19, 2020
 MATTHEW M. KEENAN
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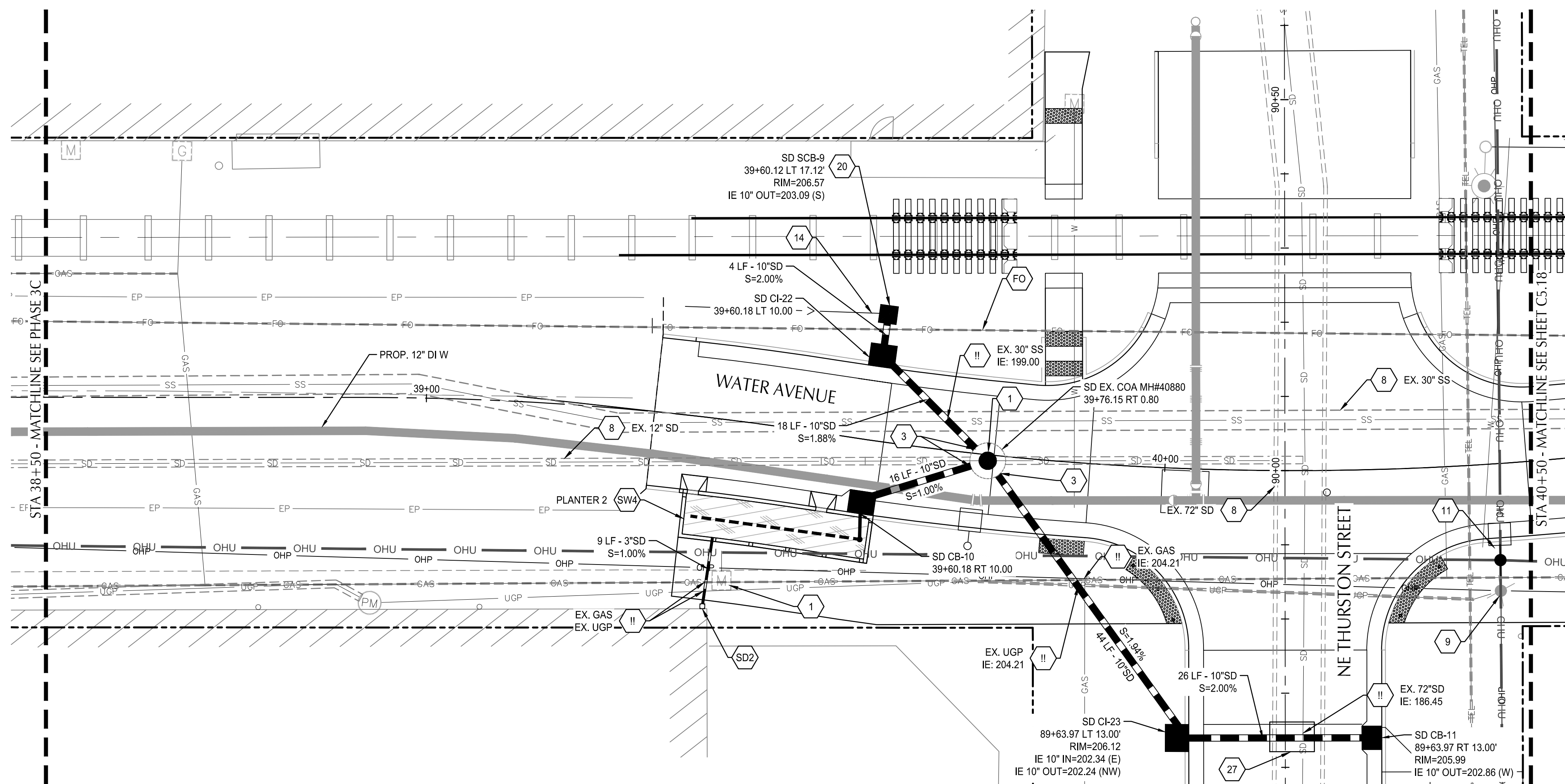
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 30+50 TO STA 32+50

SHEET NO.
C5.13

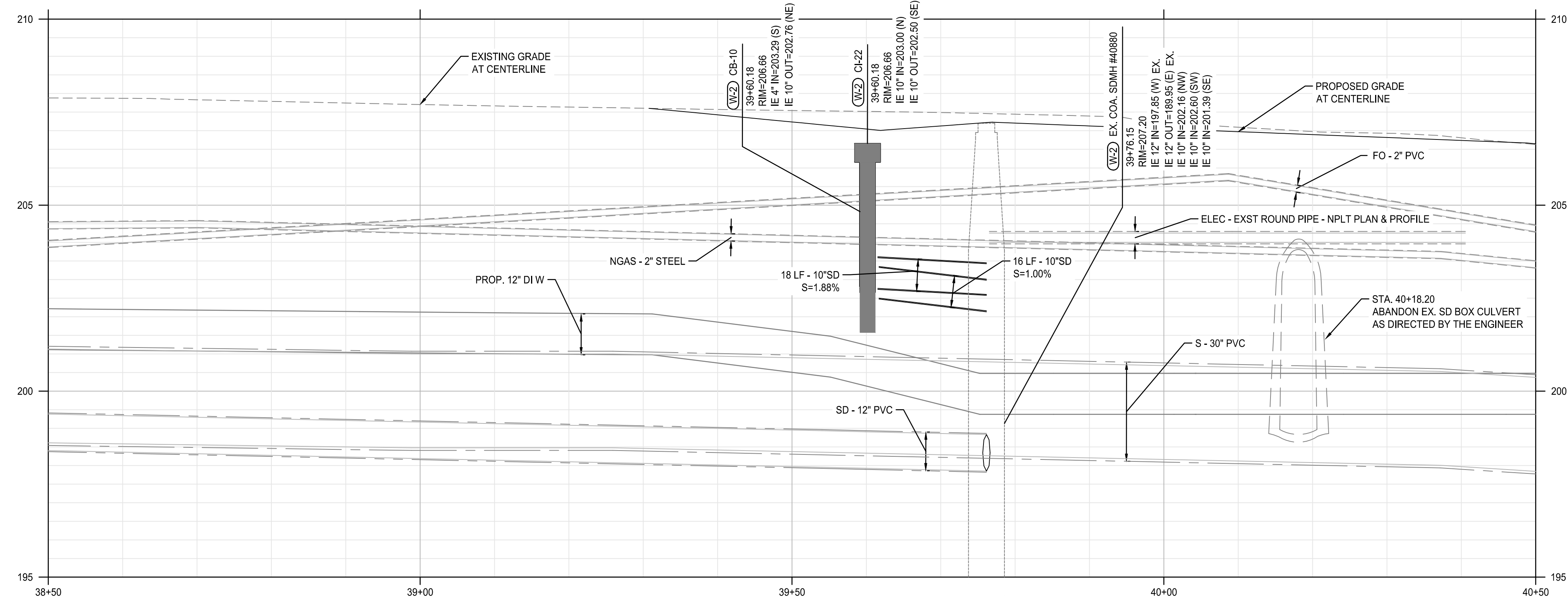
NORTH

SCALE 1 INCH = 10 FEET

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.17
 Plotted: 3/10/22 at 12:13pm By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 2'

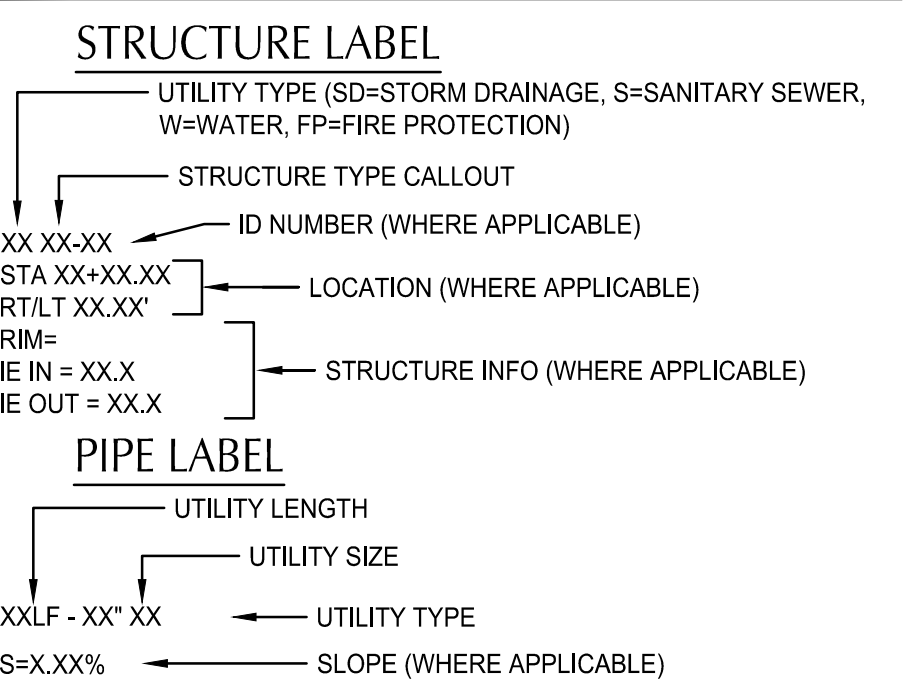
SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO. ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
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- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

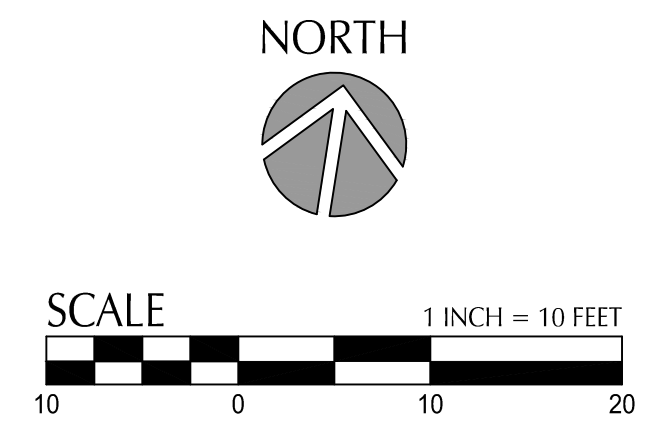
UTILITY KEYNOTES

- 1 ADJUST STRUCTURE TO FINISHED GRADE
- 3 CONNECT TO EXISTING STRUCTURE
- 8 PROTECT EXISTING UTILITY
- 9 RELOCATE EXISTING UTILITY POLE, BY PACIFIC POWER. SEE PACIFIC POWER COORDINATION NOTES ON C0.03
- 11 PROTECT NEW PERMANENT UTILITY POLE INSTALLED BY PACIFIC POWER. COORDINATE LOCATION WITH LIGHTING AND PACIFIC POWER
- 14 DRAINAGE SWALE. GRADE TO SHOULDER CATCH BASIN
- 20 INSTALL CATCH BASIN IN SHOULDER OF ROAD. SEE DETAIL 4/C5.50
- 27 ABANDON EXISTING STORM DRAIN BOX CULVERT. CUT AN REMOVE 4' OF EXISTING CULVERT AND FILL ENDS WITH FLOWABLE CDF APPROX. 25' NORTH AND SOUTH, OR AS DIRECTED BY ENGINEER.
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03
- SD2 CONNECT TO STORM DRAIN/ROOF DRAIN AND OUTFALL TO PLANTER. SEE COA STD DWG NO-611
- SW4 CONSTRUCT STREETSIDE PLANTER STORMWATER FACILITY. SEE COA STD DWG NO-604 A/B
- !! UTILITY CROSSING

UTILITY LABEL LEGEND



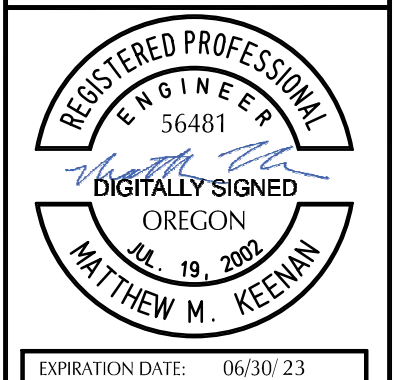
CALLOUT	DESCRIPTION	COA STD DWG
CB	CATCH BASIN	NO-414
CI	CURB INLET	NO-412 & 413
SCB	SHOULDER CATCH BASIN	4/C5.50



DESIGNED BY	DESCRIPTION
CK/MM/TK	
DRAWN BY	
JRC/KY	
CHECKED BY	
FM/MK/CV	
DATE APPD.	
!!	

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 Eugene, OR 97401
 O: 541.684.4902
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WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

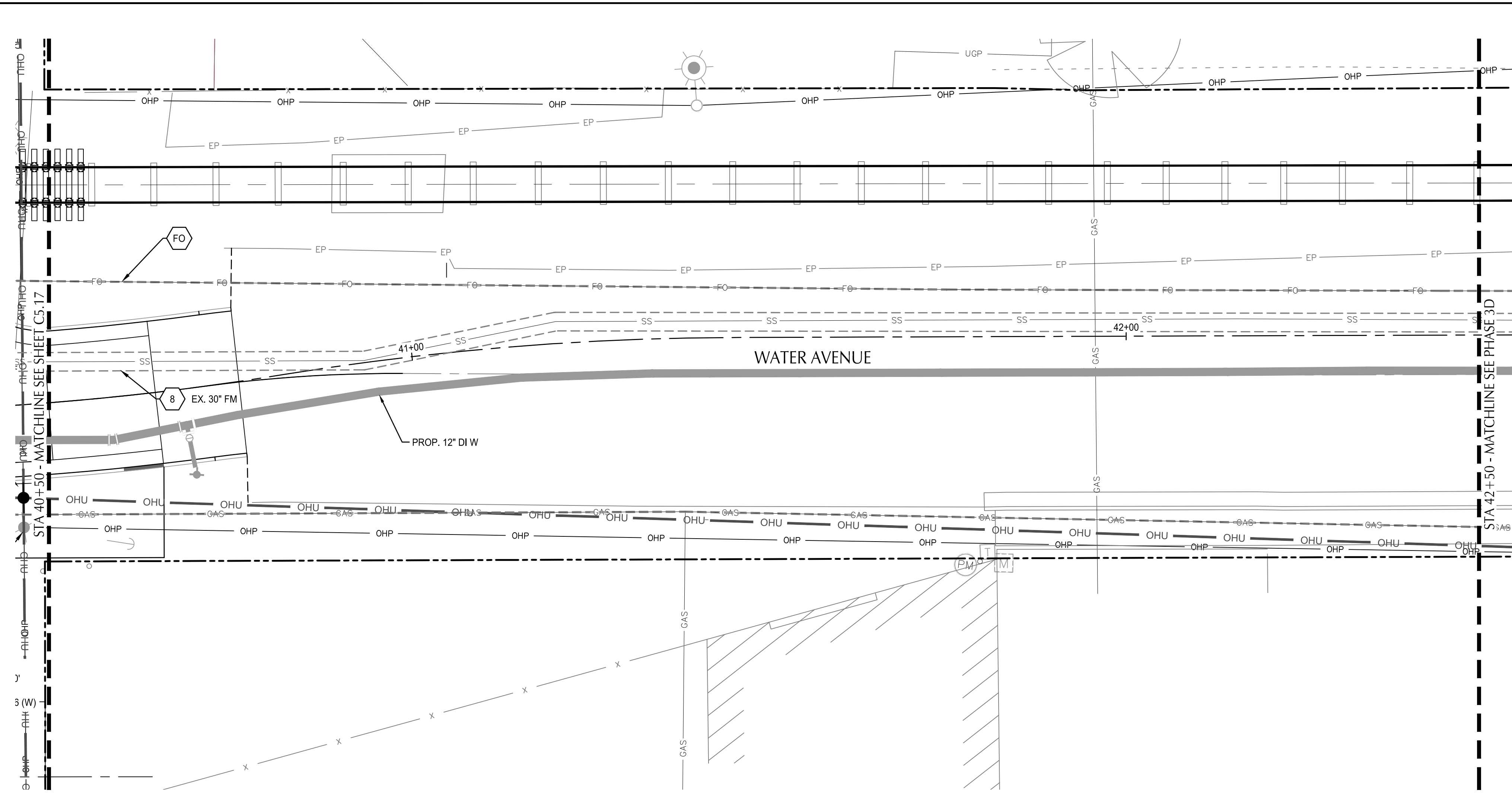


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 38+50 TO STA 40+50

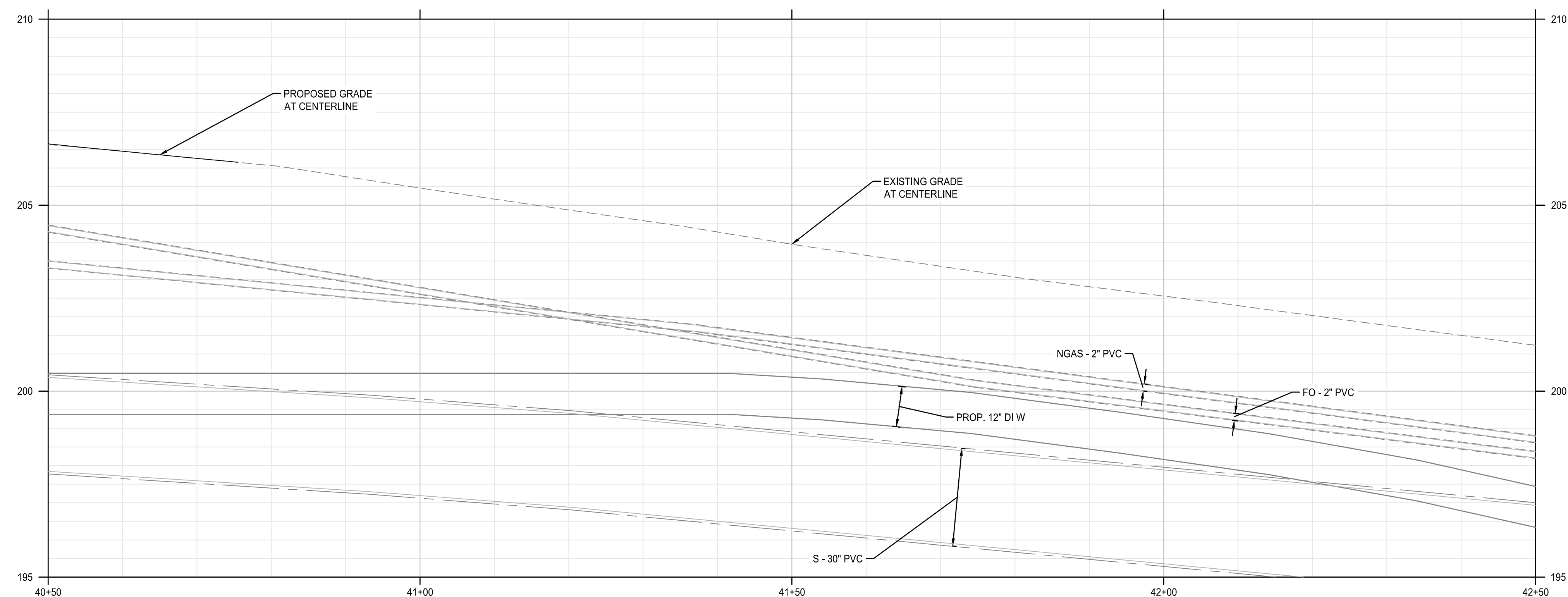
SHEET NO.
C5.17

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.18
 Plotted: 3/10/22 at 10:36am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE PROFILE
 SCALE: HORZ: 1" = 10'
 VERT: 1" = 2'

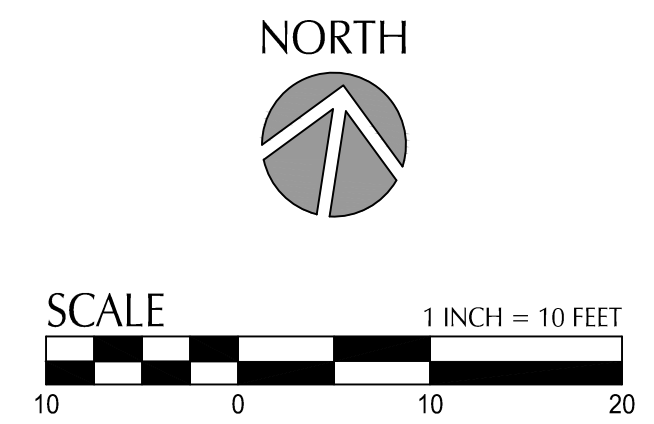
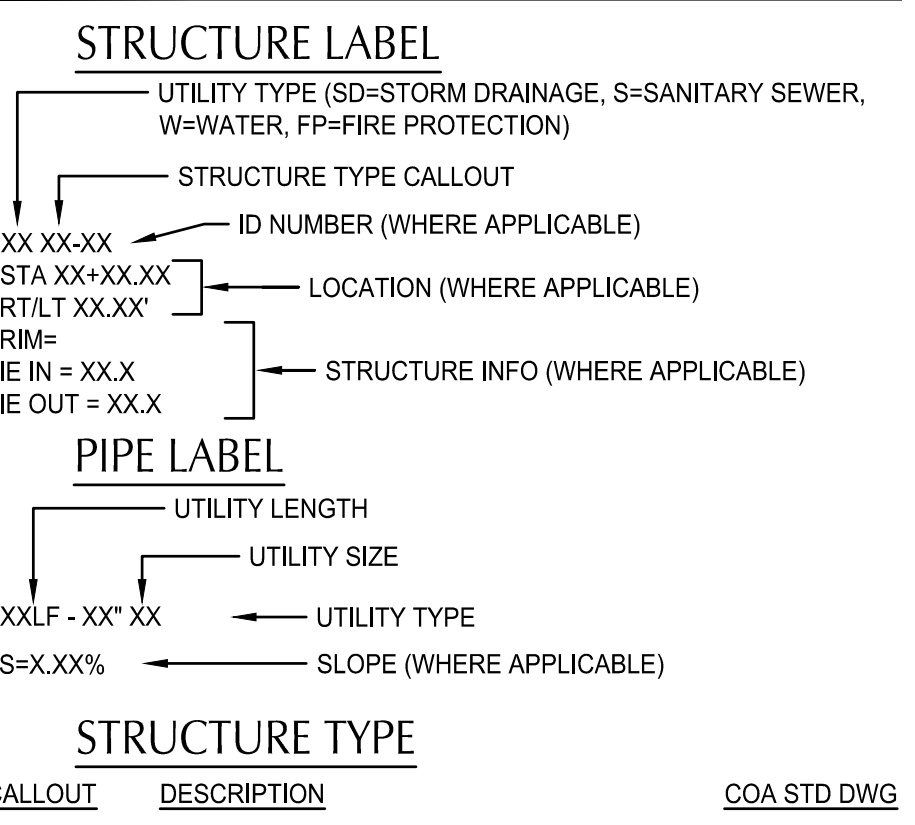
SHEET NOTES

- 1 MANHOLES LOCATED AT CENTER OF STRUCTURE, UNO, CATCH BASINS AND CURB INLETS LOCATED AT CENTER OF STRUCTURES AT FACE OF CURB, UNO, ALL OTHER STRUCTURES LOCATED AT CENTER OF STRUCTURES, UNO.
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- 3 WATER LINE FROM LYONS ST. BRIDGE TO MAIN ST. TO BE REPLACED. SEE SHEETS C10.01 - C10.20.
- 4 RIM ELEVATION FOR CURB INLETS AND CATCH BASINS REFLECT 1.5" DEPRESSION AT FACE OF CURB.
- 5 SEE COA STANDARD DETAIL NO-204 & 205 FOR PIPE ZONE DETAIL AND BEDDING FOR STANDARD UTILITY TRENCH AND TRENCH BACKFILL ABOVE THE PIPE ZONE.

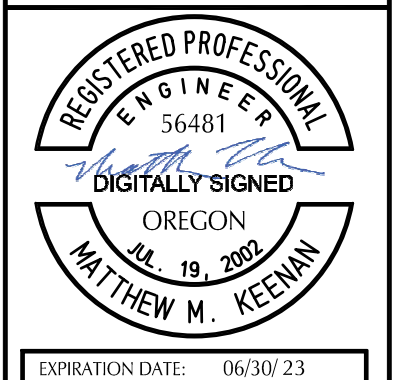
UTILITY KEYNOTES

- 8 PROTECT EXISTING UTILITY
- FO PROTECT VERIZON/MCI & AT&T FIBER OPTIC CONDUITS. SEE FRANCHISE UTILITY COORDINATION NOTES ON SHEET C0.03

UTILITY LABEL LEGEND



DESIGNED BY	CK/AM/TK	DATE	REVISION	DESCRIPTION
DRAWN BY	JRC/KY			
CHECKED BY	FM/MK/CV			
DATE APD.				

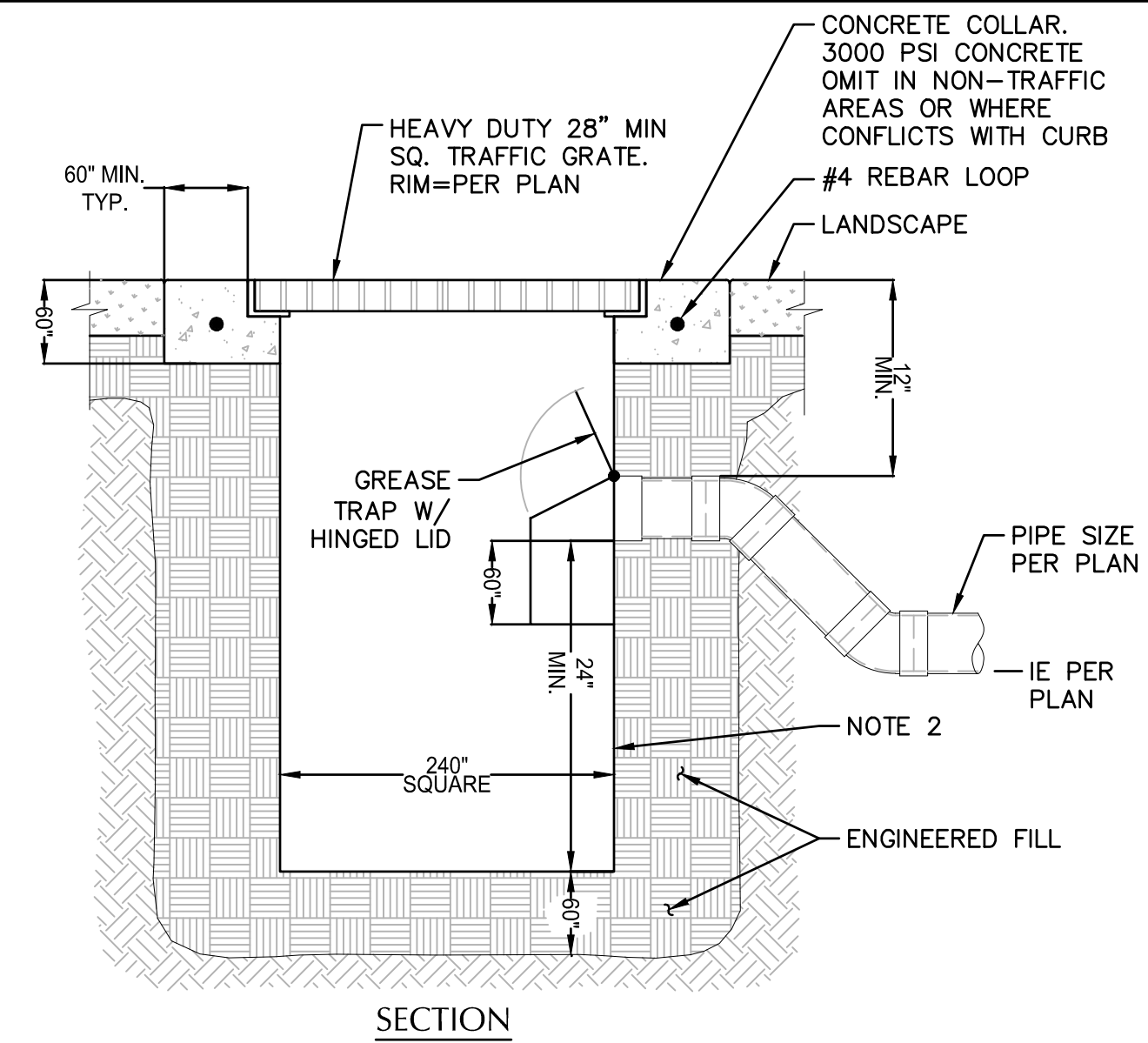


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY PLAN AND PROFILE -
 STA 40+50 TO STA 42+50

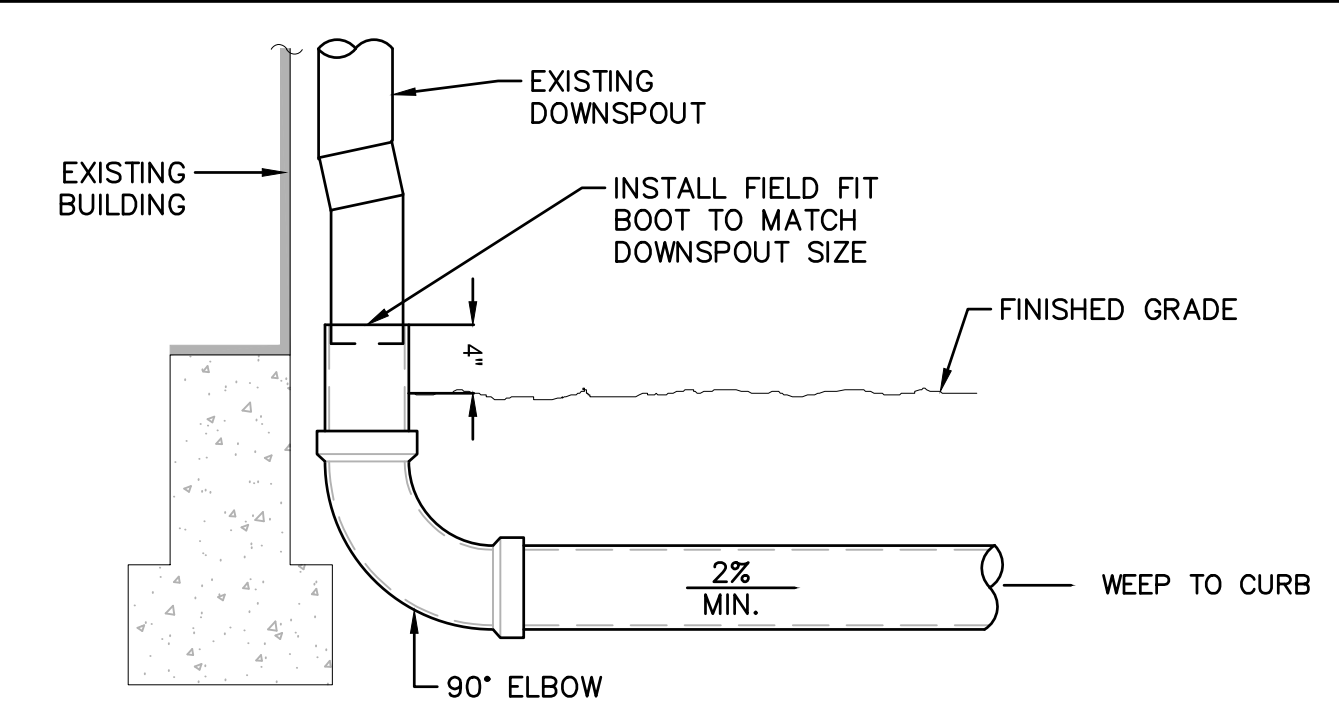
SHEET NO.
C5.18

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLANT\PUBLIC-PH1\0193-05-STORM & UTIL-PH1.dwg TAB: C5.50
 Plotted: 3/10/22 at 10:36am By: WMorris

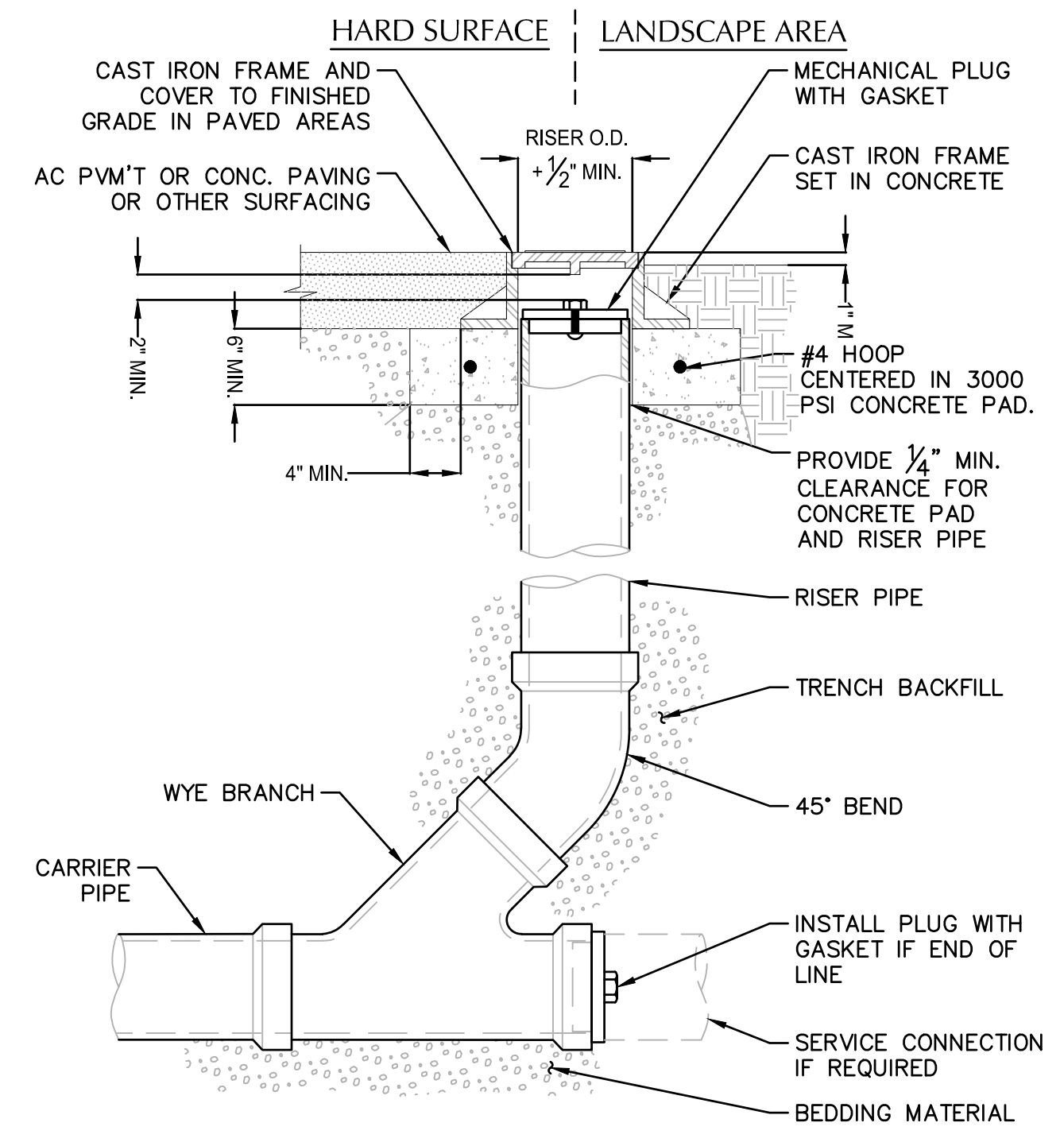


- NOTES:**
- CONTRACTOR TO WIDEN EXCAVATION AS REQUIRED TO OBTAIN COMPACTION WITH CONTRACTORS COMPACTION EQUIPMENT.
 - 1/4" STEEL PLATE, BITUMINOUS COATED, AS MANUFACTURED BY GIBSON STEEL BASINS OR APPROVED EQUAL.
- 4 SHOULDER CATCH BASIN**
 SCALE: NTS



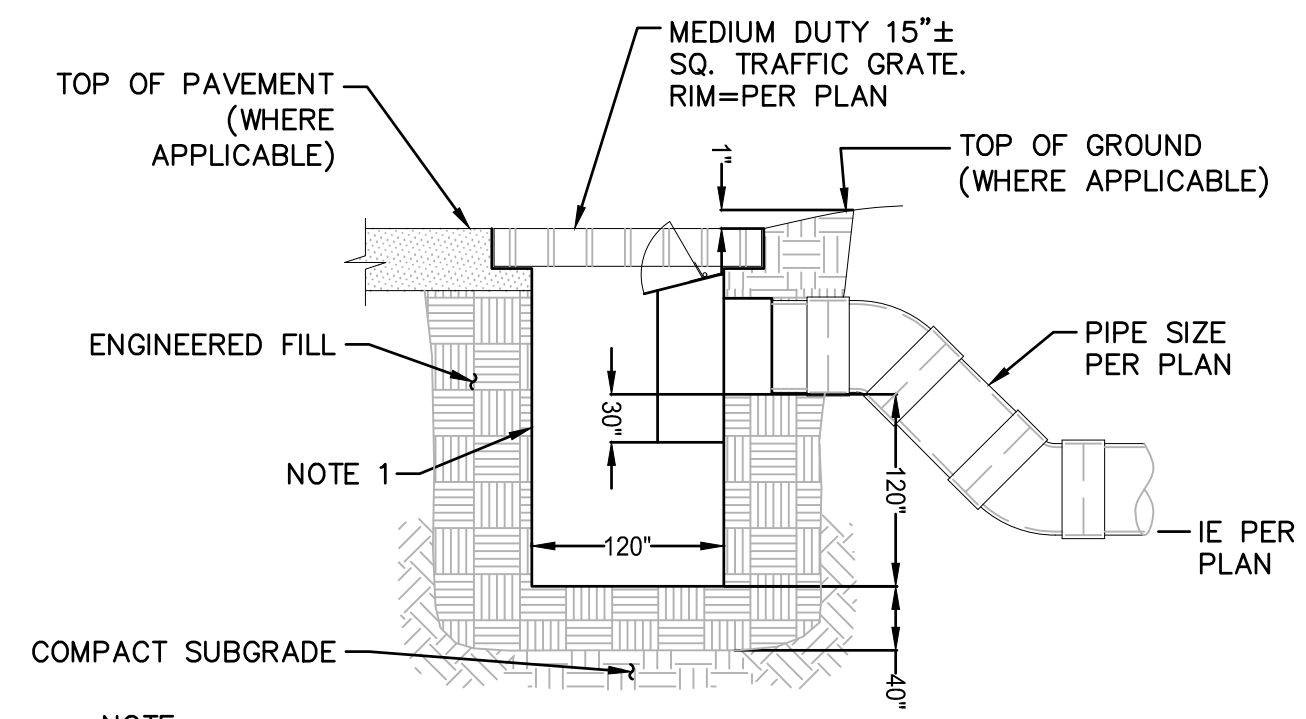
- NOTE:**
- SEE CITY OF ALBANY STANDARD DRAWING NO-306 FOR INSTALLATION.

1 DOWNSPOUT
 SCALE: NTS



- NOTES:**
- CAST IRON FRAME AND COVER SHALL MEET H-20 LOAD REQUIREMENT.
 - FOR CARRIER PIPE SIZE 6" AND LESS, PROVIDE RISER PIPE SIZE TO MATCH CARRIER PIPE.
 - FOR CARRIER PIPE SIZE 8" AND LARGER, RISER PIPE SHALL BE 6".
 - RISER PIPE MATERIAL TO MATCH CARRIER PIPE MATERIAL.

2 STANDARD CLEANOUT (COTG)
 SCALE: NTS



- NOTE:**
- 10 GAGE STEEL PLATE, BITUMINOUS COATED, AS MANUFACTURED BY GIBSON STEEL BASINS OR APPROVED EQUAL.

3 TRAPPED CATCH BASIN - PARKING LOT
 SCALE: NTS



NO.	REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
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 O: 541.684.4902
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WALKER MACY

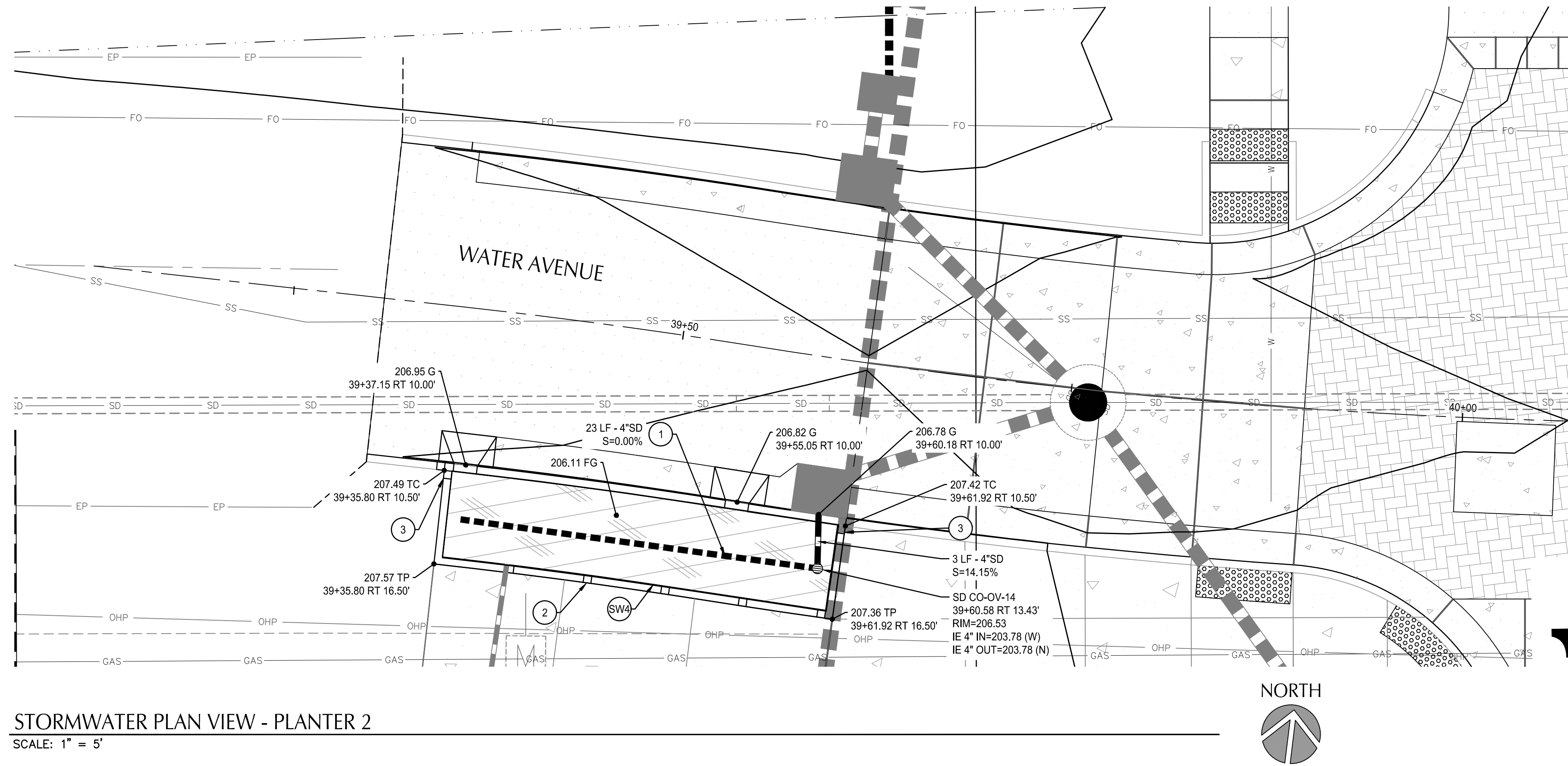
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORMWATER AND UTILITY DETAILS

SHEET NO.
C5.50

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PILOT\PUBLIC-PH1\0193-06-DRAINAGE-DETAILS-PH1.dwg TAB: C6.01
 Plotted: 3/10/22 at 10:37am By: WMorris



SHEET NOTES

- TOP OF NOTCHED PLANTER CURB IS 4" ABOVE TOP OF PAVEMENT (TP). TOP OF PLANTER CURB AT STREET CURB (TC) IS FLUSH WITH TOP OF STREET CURB AND TAPERS TO 4" EXPOSURE. BOTTOM OF PLANTER CURB IS 20" BELOW FINISHED GRADE (FG) OF PLANTER.
- PER STD DWG NO-612. OPENINGS AT STREETSIDE CURB NOTCHES TO BE DEPRESSED 2" FROM GUTTER ELEVATION SHOWN.

CONSTRUCTION NOTES

- INSTALL 4" PERFORATED PIPE AT THE BOTTOM OF EACH LINED STORMWATER QUALITY PLANTER. SEE STANDARD DRAWING NO-604B.
- CONSTRUCT NOTCHES IN 4" PLANTER CURB PER STD DWG NO-604A, 604B & 609. TOP OF PLANTER CURB TO MATCH TOP OF STREET CURB.
- TAPER NOTCHED CURB EXPOSURE FROM 4" TO MATCH TOP OF STREET CURB. SEE STD DRAWING NO-604A.
- CONSTRUCT STREETSIDE UNLINED PLANTER STORMWATER FACILITY. SEE STD DWG NO-604A & 604B

UTILITY LABEL LEGEND

STRUCTURE LABEL

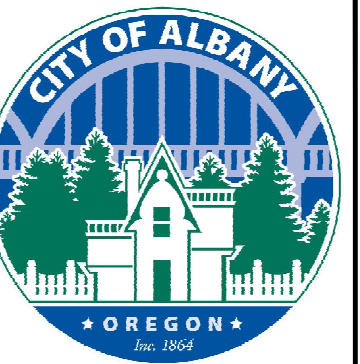
UTILITY TYPE (SD=STORM DRAINAGE, S=SANITARY SEWER, W=WATER, FP=FIRE PROTECTION)
 STRUCTURE TYPE CALLOUT
 XX XX-XX ID NUMBER (WHERE APPLICABLE)
 STA XX+XX.XX LOCATION (WHERE APPLICABLE)
 RT/LT XX.XX' STRUCTURE INFO (WHERE APPLICABLE)
 RIM= STRUCTURE INFO (WHERE APPLICABLE)
 IE IN = XX.X
 IE OUT = XX.X

PIPE LABEL

UTILITY LENGTH
 UTILITY SIZE
 XXLF - XX' XX UTILITY TYPE
 S=X.XX% SLOPE (WHERE APPLICABLE)

STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL
CO-OV	CLEANOUT WITH GRATED TOP	NO-604A



NO.	DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APD:

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 EXPIRATION DATE: 06/30/23










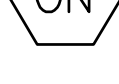
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 STORM FACILITY DETAILS

SHEET NO.
C6.01

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLANT\PUBLIC-PH1\0193-07-SIGN-STRP-PH1.dwg TAB: C7.00
 Plotted: 3/10/22 at 10:38am By: WMorris

Traffic Sign Bubble Legend



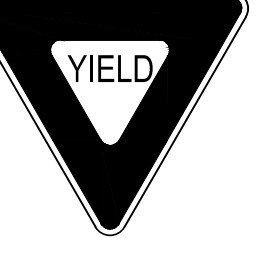



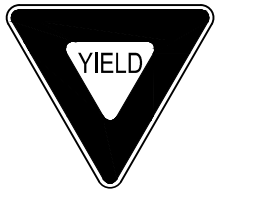
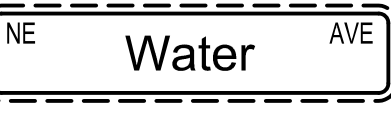
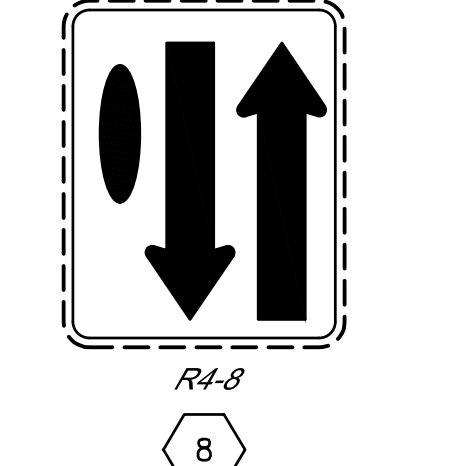


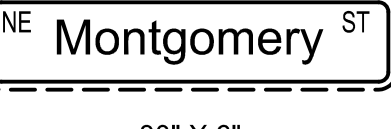
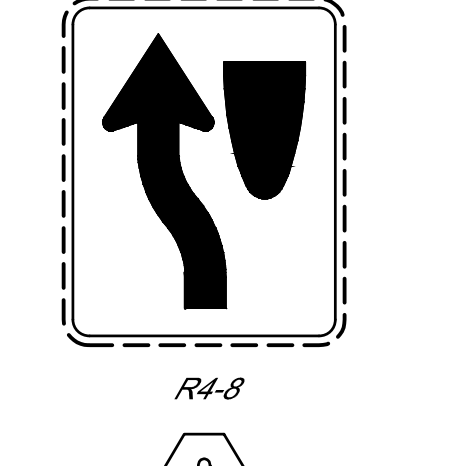


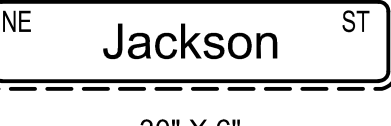

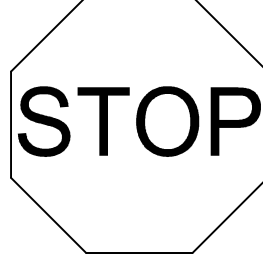

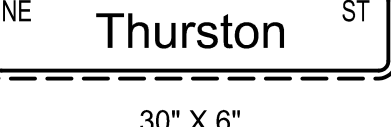
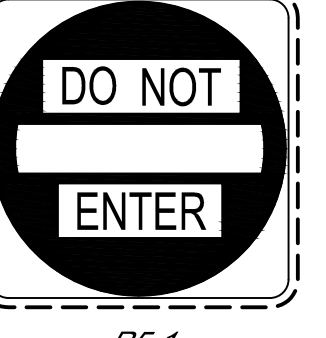

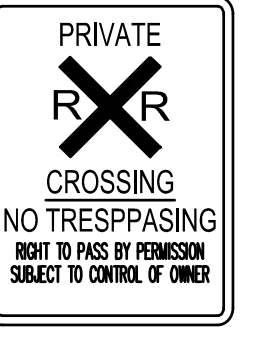




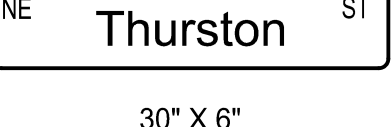

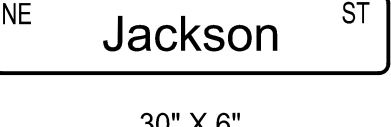
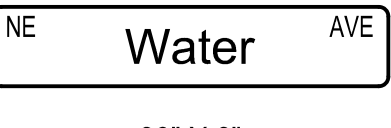
-  Install new sign (N)
-  Install new sign (N) on sign support
-  Reinstall existing sign (N)
-  Remove and save existing sign (N) on new sign support (M)
-  Remove existing sign
-  Remove existing sign (N) and sign support (M)
-  Remove and save existing sign (N)
-  Remove and save existing sign (N) and remove sign support (M)
-  Maintain existing sign (N) and support
-  Sign (N) to be installed by others

N = Sign Number. See "Traffic Signs" Legend for numbers
 M = Material

Material options:


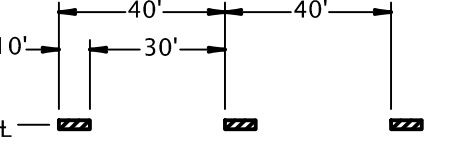
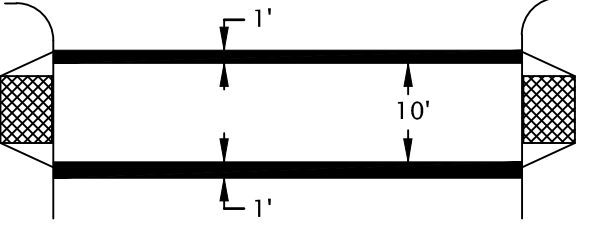
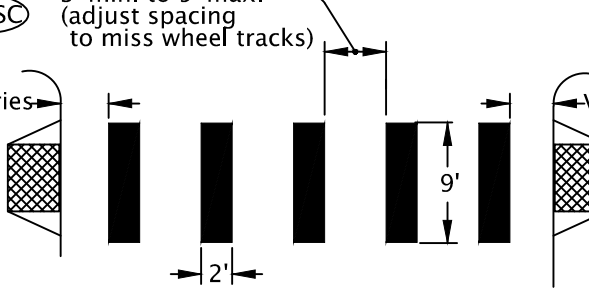
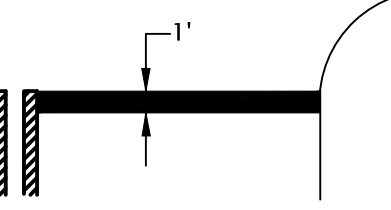
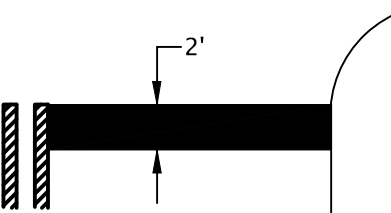
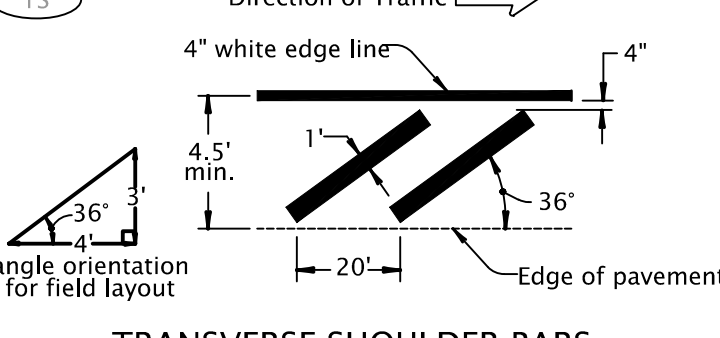
- LP = Light Pole
- P = Round, Galvanized, Steel Pipe Post
- W = Wood Post

Traffic Sign Number Legend

 R1-1 30"x30" 1	 R6-1R 13	 R1-2 24	 OM4-3 36
 R15-1 5	 R7-1L 14	 R1-2 REDUCED 25	 30" X 6" 51
 R4-B 8	 R7-1R 15	 26	 30" X 6" 56
 R4-B 9	 R7-1D 16	 REDUCED 27	 30" X 6" 57
 W3780 10	 R1-1 30"x30" 19	 28	 30" X 6" 59
 R5-1 11	 R1-3P 20	 29	 30" X 6" 61
 R6-1L 12	 23	 R9-9 34	 30" X 6" 64
		 OM-3R 35	 30" X 6" 65
			 30" X 6" 66

NOTE:
 SIGNS SHOWN WITH BROKEN
 BORDERS ARE EXISTING.

Striping Legend

 W 4" WHITE LINE
<p>NOTE: 1. LONGITUDINAL STRIPING MATERIAL SHALL BE THERMOPLASTIC.</p>  YB 4" YELLOW BROKEN LINE
 CW STANDARD CROSSWALK TWO 1' WHITE BARS Install per Standard Drawing TM530
 CW-SC 3' min. to 5' max. (adjust spacing to miss wheel tracks) STAGGERED CONTINENTAL CROSSWALK 2' WHITE BARS Install per Standard Drawing TM530
 S STOP BAR 1' WHITE BAR Install per Standard Drawing TM530
 S-2 STOP BAR - LARGE 2' WHITE BAR Install per Standard Drawing TM530
 TS Direction of Traffic → 4" white edge line 4.5' min. 36° angle orientation for field layout TRANSVERSE SHOULDER BARS 1' WHITE BARS AT 20' SPACING



NO.	DATE	REVISION	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/WK/CV
 DATE APD:



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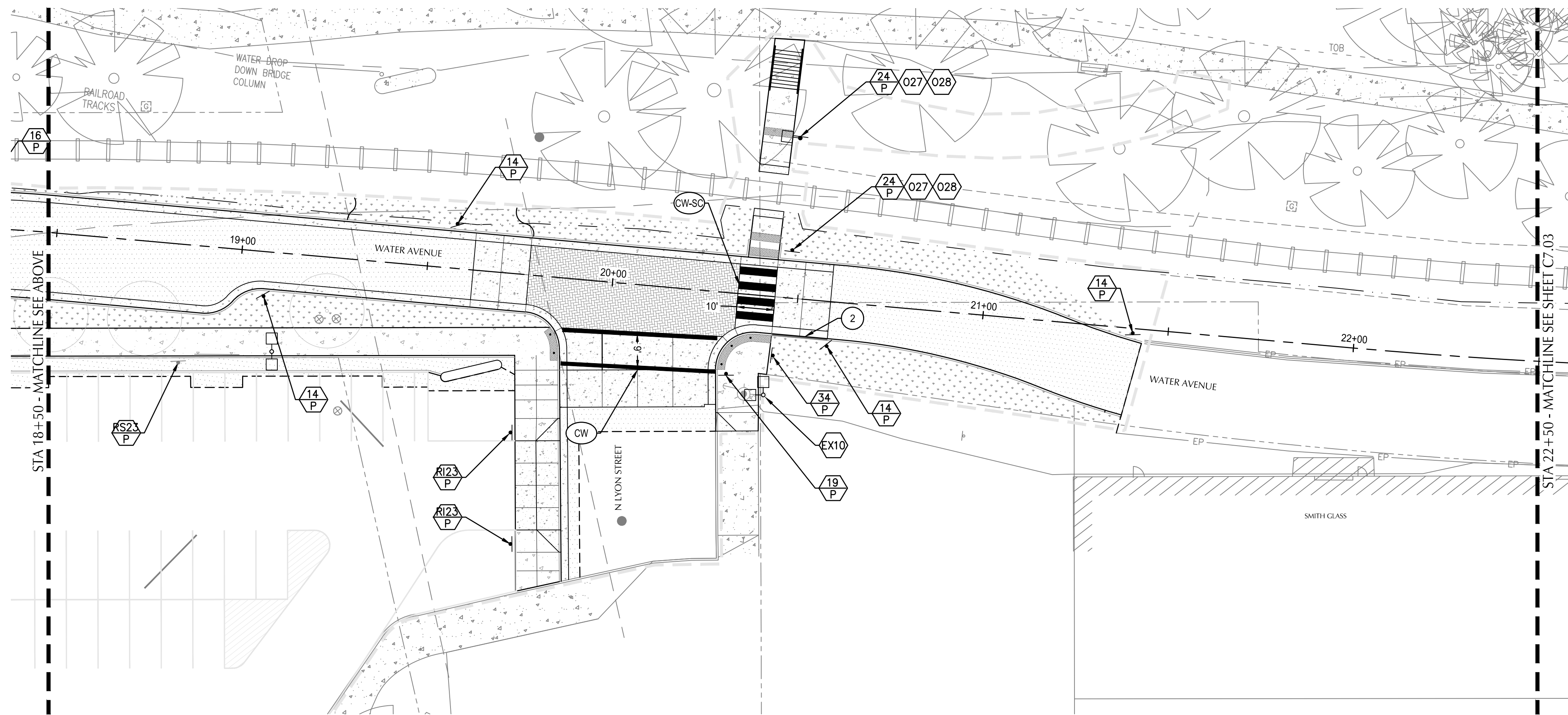
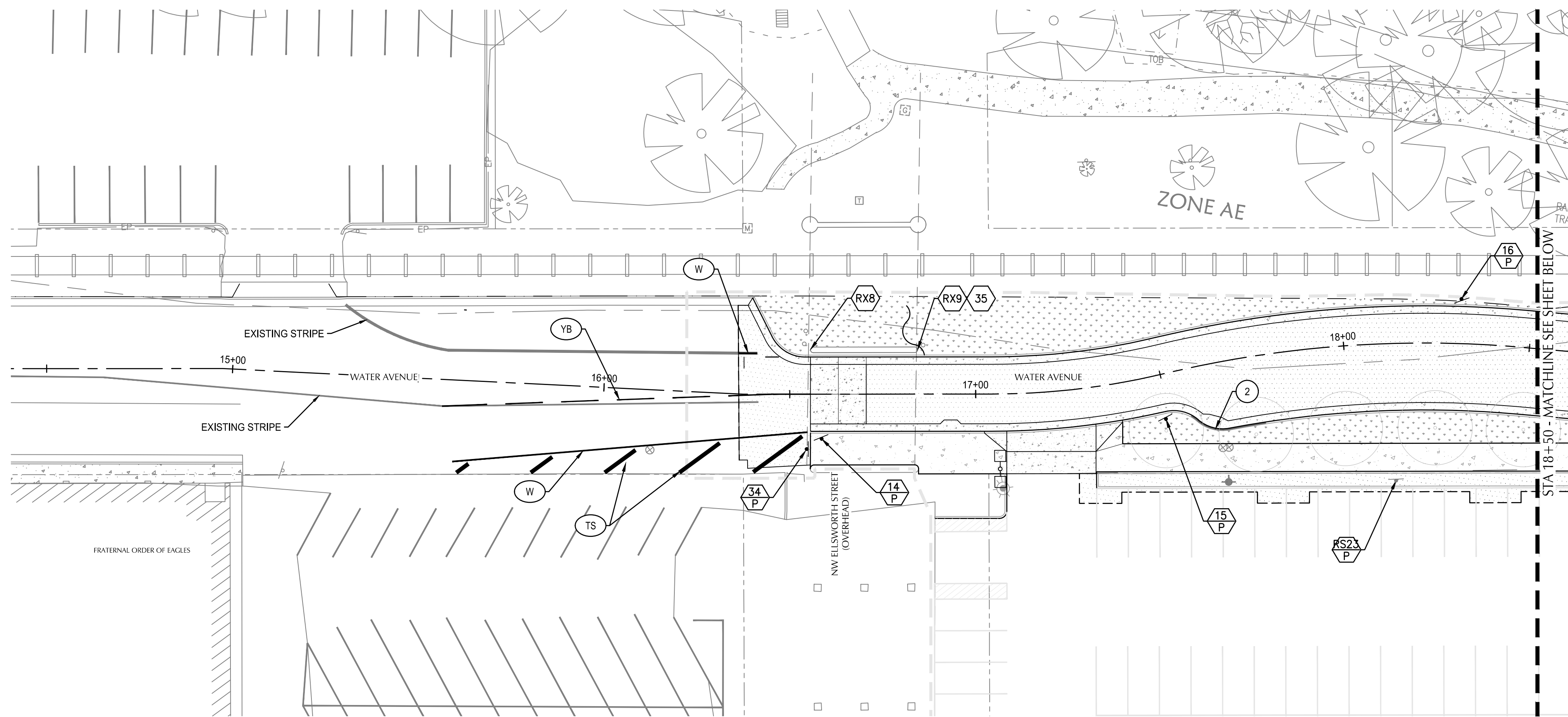
WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING LEGEND

SHEET NO.
C7.00

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PHI\0193-07-SIGN-STRP-PHI.dwg TAB: C7.02
 Plotted: 3/10/22 at 12:16pm By: WMorris



GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH ENGINEER TO FIELD LOCATE SIGNS AND MARKINGS PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL USE AND MAINTAIN EXISTING STOP SIGNS DURING CONSTRUCTION.
3. ALL SIGN INSTALLATION SHALL BE PER CITY OF ALBANY DETAIL 208 AND 209.

KEY NOTES

2. PAINT FACE OF CURB YELLOW, 20' CENTERED ON HYDRANT PER CITY OF ALBANY DETAIL 504.



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD:

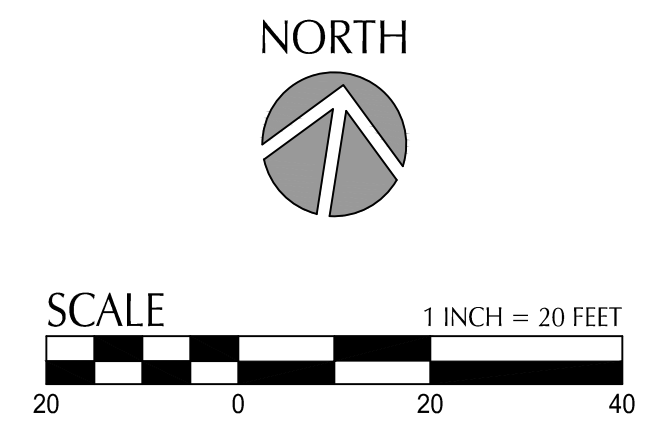
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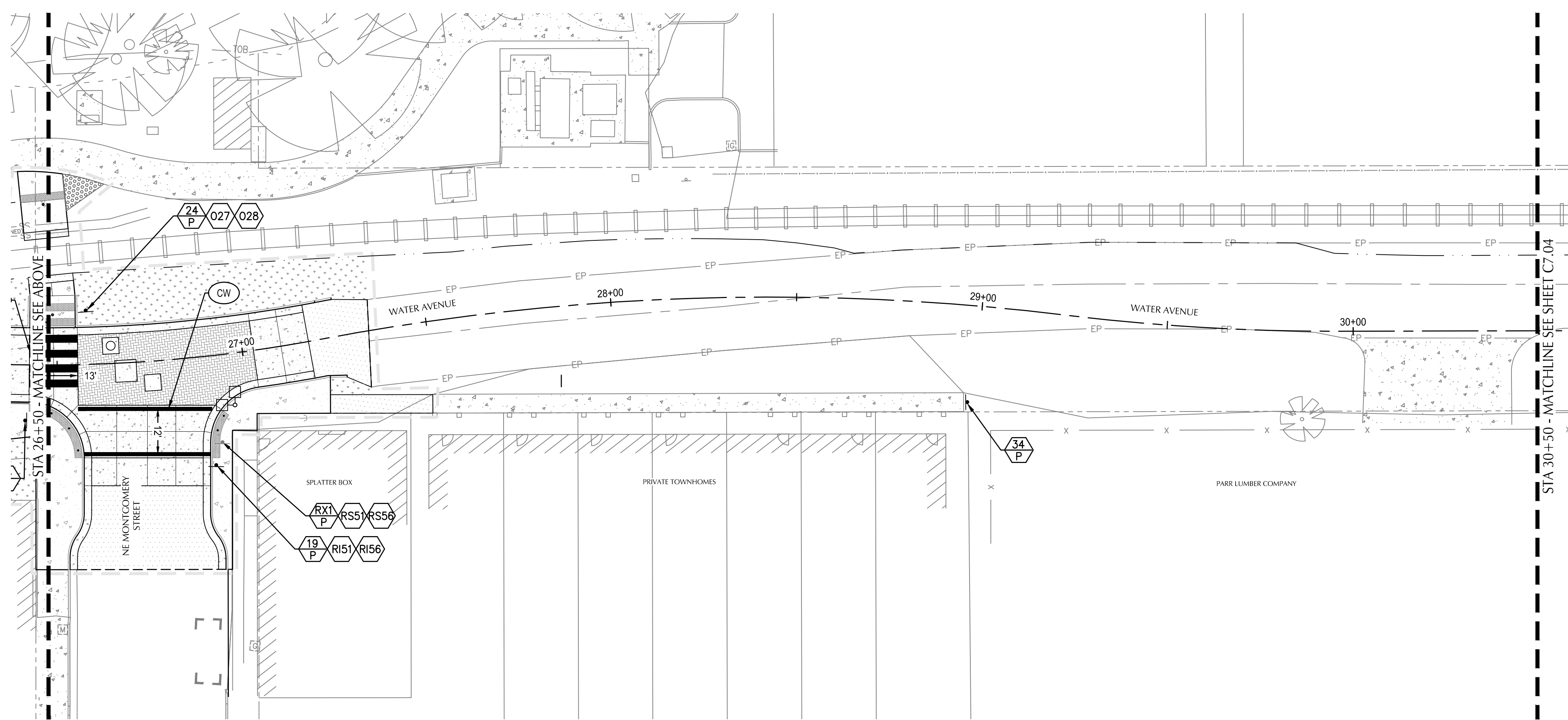
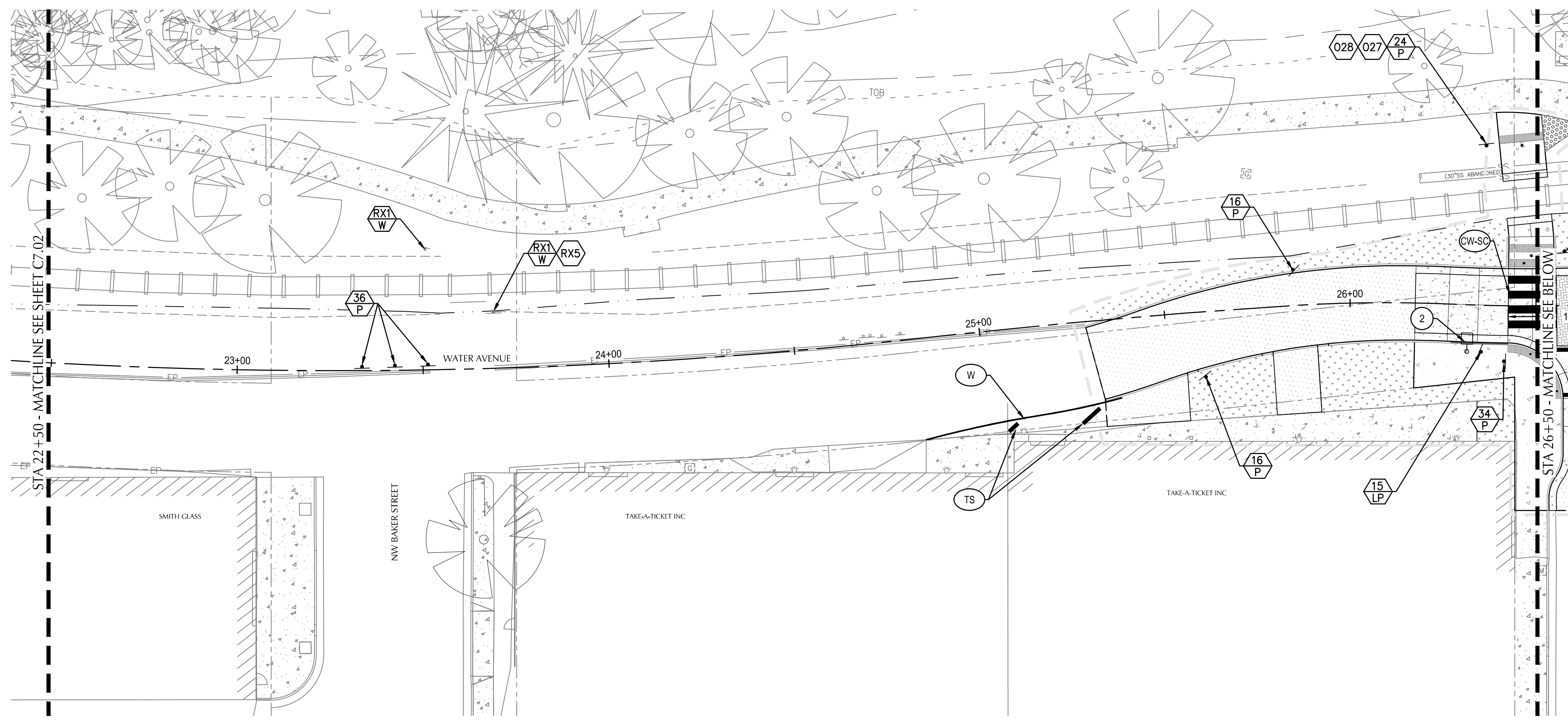
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING PLAN
 STA 14+50 TO STA 22+50

SHEET NO.
C7.02



PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH1\0193-07-SIGN-STRP-PH1.dwg TAB: C7.03
 Plotted: 3/10/22 at 10:38am By: WMorris



GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH ENGINEER TO FIELD LOCATE SIGNS AND MARKINGS PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL USE AND MAINTAIN EXISTING STOP SIGNS DURING CONSTRUCTION.
3. ALL SIGN INSTALLATION SHALL BE PER CITY OF ALBANY DETAIL 208 AND 209.

KEY NOTES

2. PAINT FACE OF CURB YELLOW, 20' CENTERED ON HYDRANT PER CITY OF ALBANY DETAIL 504.



REVISION	DATE	DESCRIPTION

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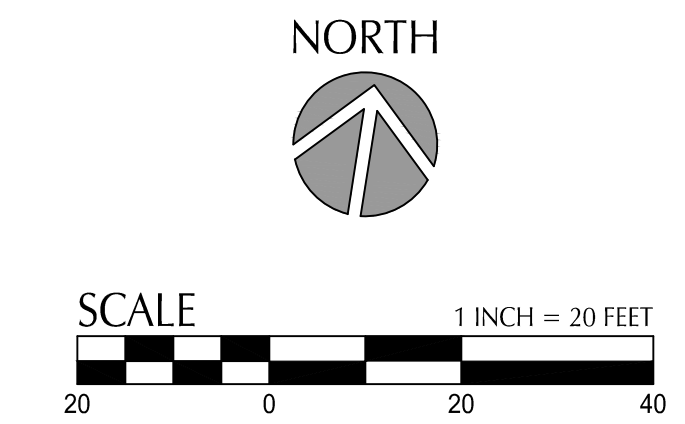
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 EXPIRATION DATE: 06/30/23

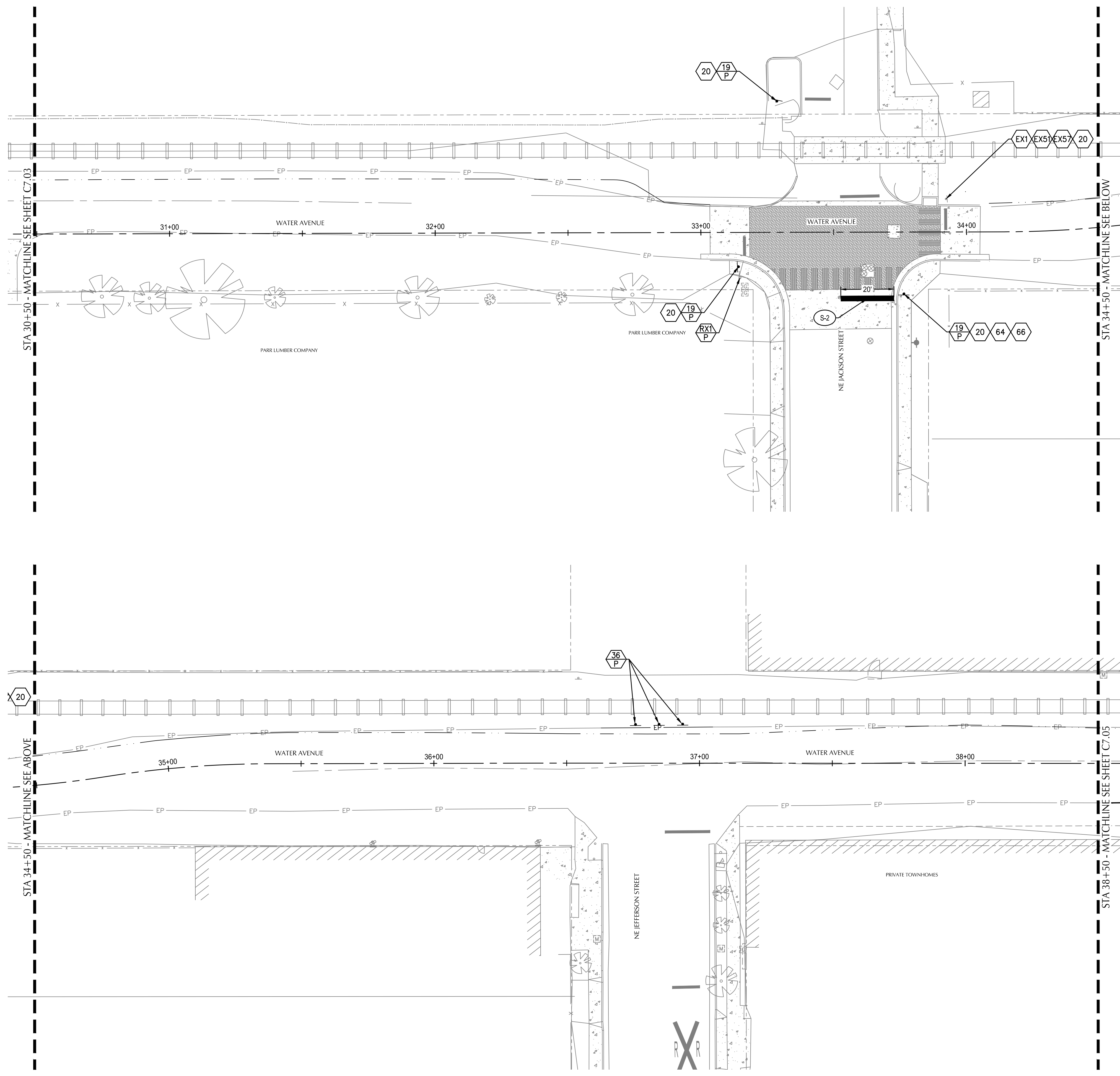
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING PLAN
 STA 22+50 TO STA 30+50

SHEET NO.
C7.03



PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PHI\0193-07-SIGN-STRP-PHI.dwg TAB: C7.04
 Plotted: 3/10/22 at 10:38am By: WMorris



GENERAL NOTES

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2. CONTRACTOR SHALL USE AND MAINTAIN EXISTING STOP SIGNS DURING CONSTRUCTION.
3. ALL SIGN INSTALLATION SHALL BE PER CITY OF ALBANY DETAIL 208 AND 209.



REVISION	DATE	DESCRIPTION

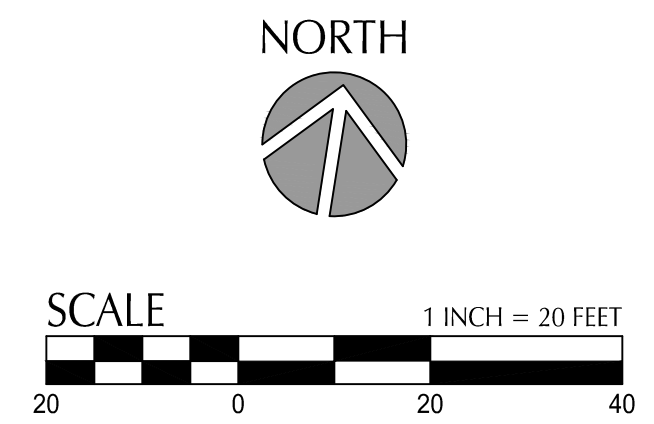
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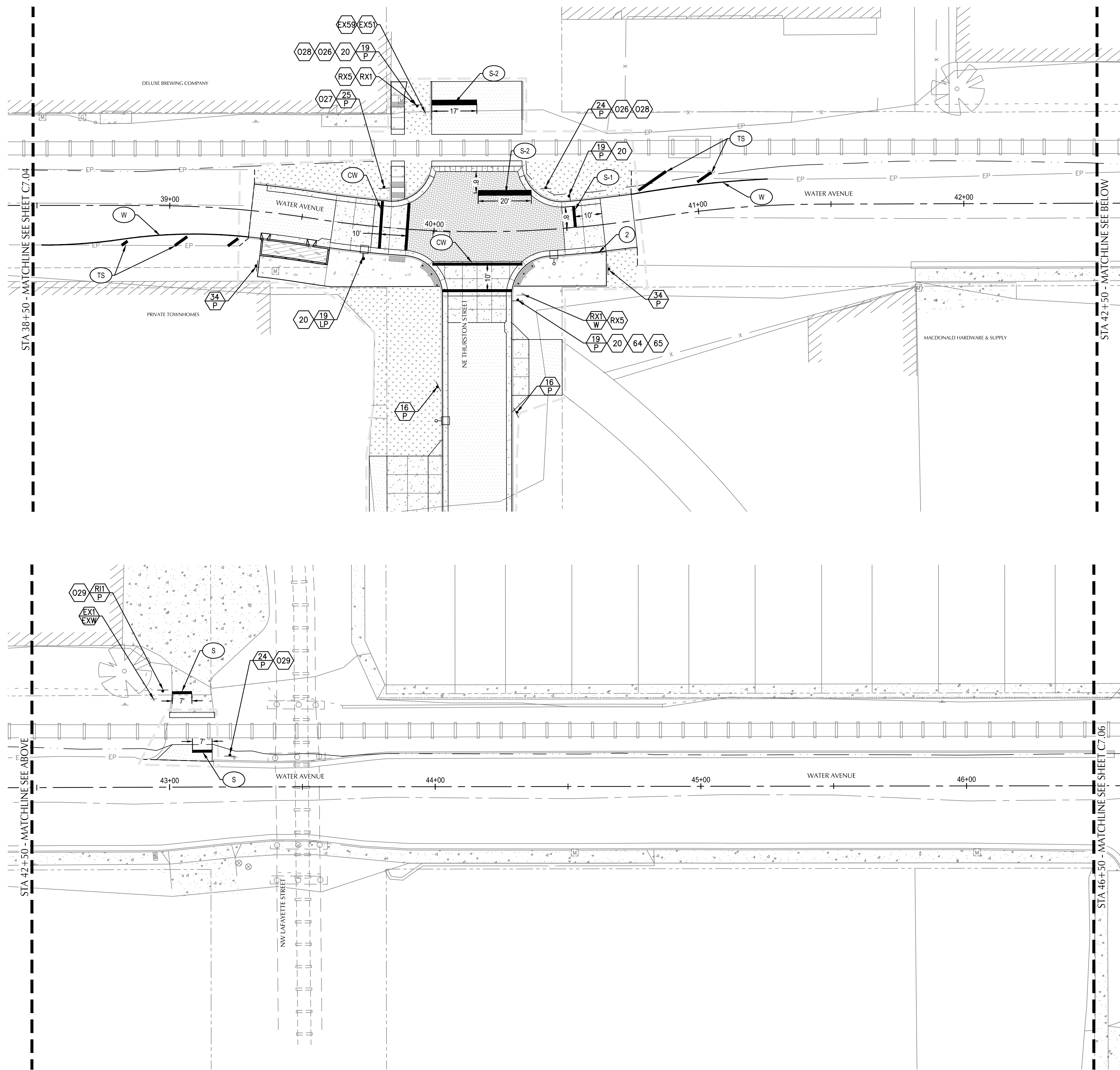
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING PLAN
 STA 30+50 TO STA 38+50

SHEET NO.
C7.04



PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\0193-07-SIGN-STRP-PHI.dwg TAB: C7.05
 Plotted: 3/10/22 at 10:39am By: WMorris



GENERAL NOTES

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3. ALL SIGN INSTALLATION SHALL BE PER CITY OF ALBANY DETAIL 208 AND 209.



REVISION	DATE	DESCRIPTION

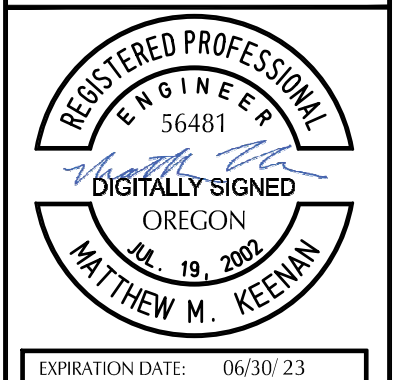
DESIGNED BY CK/MM/TK	DRAWN BY JRC/KY	CHECKED BY FM/MK/CV	DATE APPD.
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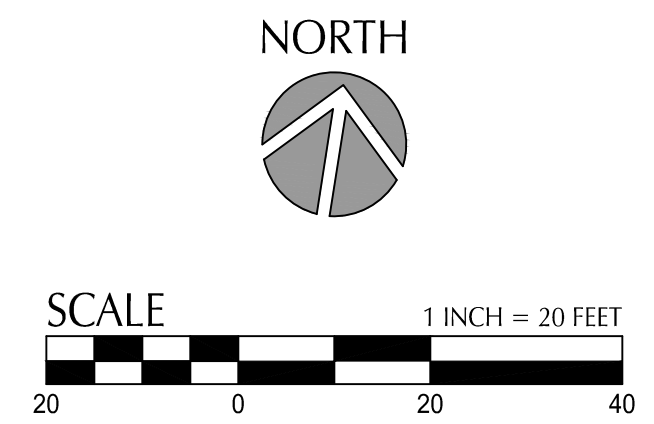
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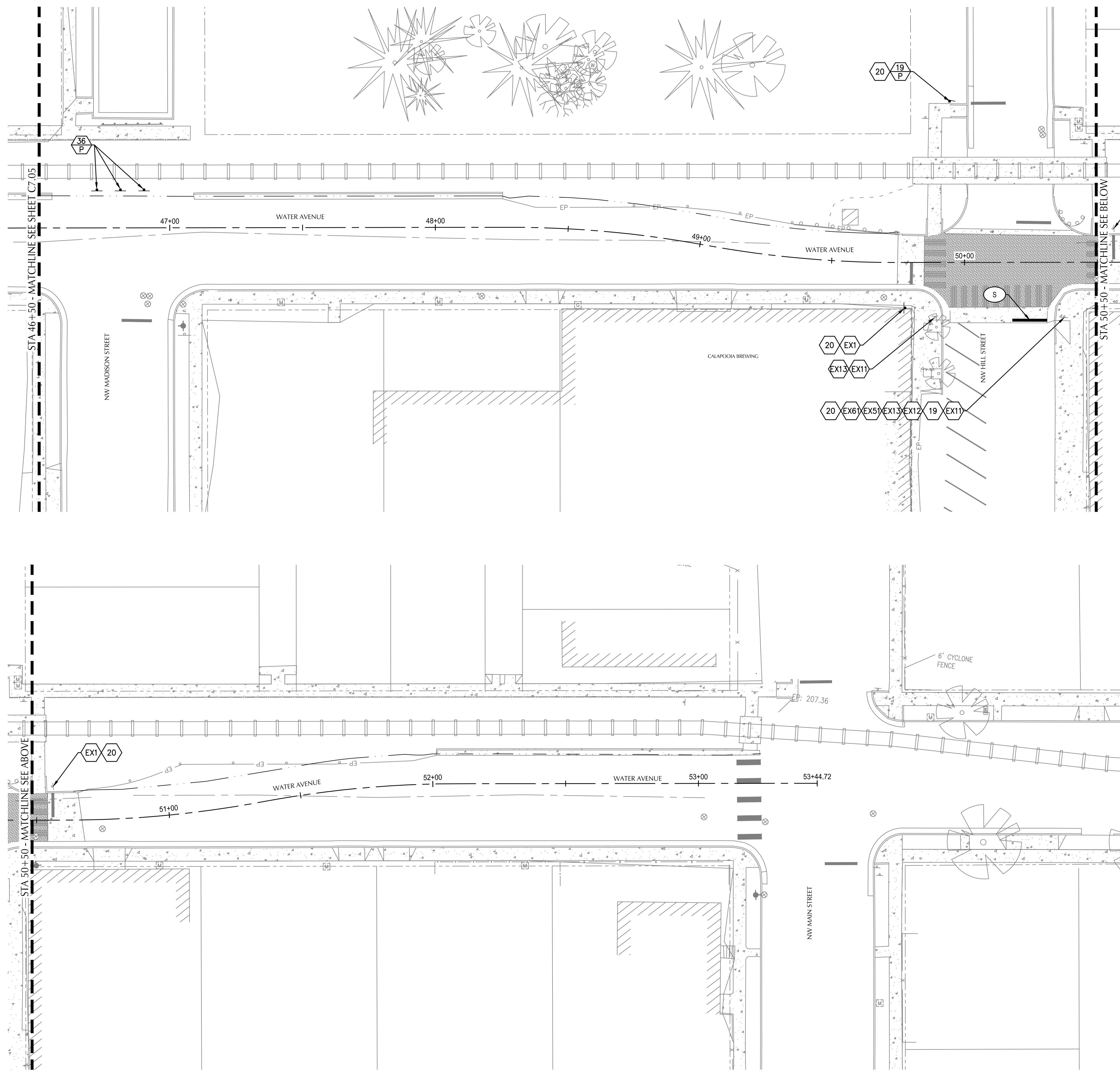
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING PLAN
 STA 38+50 TO STA 46+50

SHEET NO.
C7.05



PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\PUBLIC-PH\0193-07-SIGN-STRP-PH1.dwg TAB: C7.06
 Plotted: 3/10/22 at 10:39am By: WMorris



GENERAL NOTES

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2. CONTRACTOR SHALL USE AND MAINTAIN EXISTING STOP SIGNS DURING CONSTRUCTION.
3. ALL SIGN INSTALLATION SHALL BE PER CITY OF ALBANY DETAIL 208 AND 209.



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DATE APPD.		

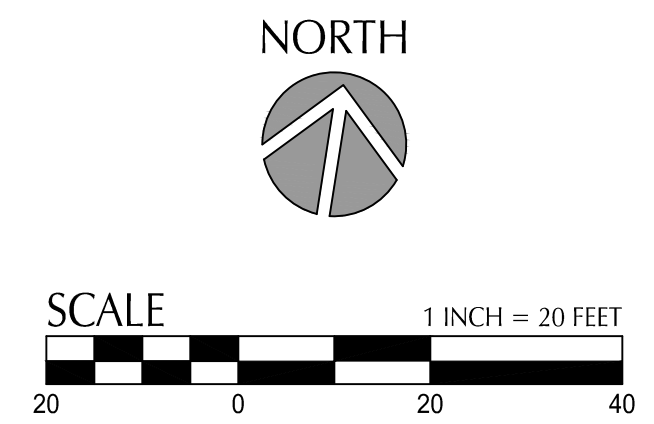
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 F: 541.684.4909
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 503-228-3122

REGISTERED PROFESSIONAL ENGINEER
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 DIGITALLY SIGNED
 OREGON
 JUL 19, 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 SIGNING AND STRIPING PLAN
 STA 46+50 TO STA 53+45

SHEET NO.
C7.06



PHASE 1 BID SET - 03/14/2022

EROSION AND SEDIMENT CONTROL PLANS - PHASE 1

THE PERMITEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-CN PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-CN PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.



VICINITY MAP

SCALE: NTS

SITE NOTES

FLOOD NOTE: THE PROPERTY SHOWN HEREON APPEARS TO BE WITHIN SPECIAL FLOOD HAZARD AREAS ZONE "X", AREAS HAVING MINIMAL FLOOD HAZARD PER THE FIRM MAP NUMBER 41043C0213H.

PROPERTY DESCRIPTION

PUBLIC ROW WITHIN WATER AVENUE FROM WASHINGTON STREET TO MAIN STREET IN ALBANY, LINN COUNTY, OREGON

PROJECT LOCATION

PROJECT IS LOCATED ON NW WATER AVENUE SOUTH OF THE WILLAMETTE RIVER

LATITUDE = 44.638084° N, LONGITUDE = -123.105854° W

RAIN GAUGE

NEAREST RAIN GAUGE ID: DOWNTOWN - KORALBAN119
LOCATION: ALBANY, OR
LATITUDE = 44.64° NORTH
LONGITUDE = 123.11° WEST
(COORDINATES FROM WEATHER UNDERGROUND - wunderground.com)

STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES

- INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER (SEE SECTION 4.10), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.C.1)
- VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.Q)
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. (SECTION 4.7)
- THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11)
- THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)
- SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)
- SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
- CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3)
- IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 2.2.1)
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 2.2.5)
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)
- INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTIONS 2.1.3)
- CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1. AND 2.2.16)
- CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.8 AND 2.2.13)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 2.2.14)
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATIONS MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS. (SECTIONS 2.2.20 AND 2.2.21)
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
- KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT). (SECTION 2.3.7)
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SECTION 2.2.7)
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.F)
- CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)
- ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)
- PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)
- USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (SECTIONS 2.2.15 AND 2.3)
- PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.A)
- IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPONEMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)
- PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)
- IMPLEMENT THE FOLLOWING BMPS WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SECTION 2.3)
- USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SECTION 2.3.5)
- IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)
- TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2)
- AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 2.2.8)
- SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.B)
- OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (SECTION 2.1.5.C)
- CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SECTION 2.1.5.D)
- WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. (SECTION 2.2.19.A)
- THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 2.2.19)
- DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 6.5.F.)
- PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 2.2.20)
- DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE. (SECTION 2.2.21)

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS

THE SITE CONTAINS 13 BLOCKS OF WATER AVENUE PARALLELING A BNSF RAIL LINE IN ALBANY, OREGON. THE ROAD CONSISTS OF AGED, POOR-DRAINING ASPHALT AREAS ADJACENT TO INDUSTRIAL BUILDINGS, RESIDENTIAL AREAS, AND ACCESS TO BUSINESSES AND CITY PARKING LOTS.

DEVELOPED CONDITIONS

REBUILT ROADWAY INCLUDING PLAZA STREET AND GREEN STREET BLOCKS WITH NEW ASPHALT, CONCRETE AND CONCRETE PAVEMENT SURFACES. DEVELOPED CONDITION INCLUDES NEW STORMWATER PLANTER AREAS, NEW STORMWATER DRAINAGE FEATURES, NEW STREET TREES AND IMPROVED RAIL CROSSINGS.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

CONSTRUCTION ACTIVITY TO INCLUDE CONSTRUCTION OF PROPOSED UTILITIES, PAVING AND BUILDING.

- SITE CLEARING & DEMOLITION (APRIL 2022 - MAY 2022)
- MASS GRADING & UTILITY INSTALLATION (MAY 2022 - JUNE 2022)
- ROAD CONSTRUCTION & PAVING (JUNE 2022 - OCTOBER 2022)
- LANDSCAPING & FINAL STABILIZATION (OCTOBER 2022 - DECEMBER 2022)

TOTAL SITE AREA
= 263,690 SF = 6.05 ACRES

TOTAL DISTURBED AREA
= 55,790 SF = 1.28 ACRES

SITE SOIL CLASSIFICATION:

SITE CONSISTS PRIMARILY OF WOODBURN, AMITY AND CONCORD SILT LOAM, WHICH ARE CLASSIFIED AS HYDROLOGIC SOIL GROUP C & C/D. THE EROSION POTENTIAL IS MODERATE.

RECEIVING WATER BODIES:

WILLAMETTE RIVER

SOIL CONTAMINATION

CONTAMINATED SOILS NOT EXPECTED ON-SITE PER THE ECSI DATABASE. IF CONTAMINATED SOILS ARE DISCOVERED, AN ENVIRONMENTAL MANAGEMENT PLAN WILL BE REQUIRED. (SECTION 1.2.9)

CONSTRUCTION SUPPORT ACTIVITY

ON-SITE ACTIVITIES WILL BE LIMITED TO THE DISTURBED AREA OF APPROXIMATELY 6.05 ACRES. THERE IS NO OFF-SITE CONSTRUCTION AREA.

FILL MATERIAL:

IMPORTED AGGREGATE AND ON-SITE SOILS.

ENGINEERED SOILS:

ENGINEERED SOILS ARE NOT EXPECTED TO BE USED ON-SITE. IF ENGINEERED SOILS ARE IMPLEMENTED ON-SITE DURING CONSTRUCTION, AN ENGINEERED SEDIMENT BASIN AND pH MONITORING WILL BE REQUIRED. (SECTIONS 2.2.17, 2.2.18, AND 6.8)

AUTHORIZED NON-STORMWATER DISCHARGES:

THERE IS A POTENTIAL NEED FOR DUST CONTROL DURING DRY MONTHS. THERE IS A POTENTIAL THAT WATER USED TO CONTROL DUST WILL DISCHARGE FROM THE SITE AFTER PASSING THROUGH PERIMETER ESC MEASURES. CONSTRUCTION DEWATERING ACTIVITIES ARE NOT EXPECTED FOR THIS PROJECT BASED UPON GROUNDWATER DEPTH AND EXCAVATION DEPTH. (SECTION 1.4)

RESPONSIBLE PERSONNEL:

PERSONNEL RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES ARE TBD.

WASTE MANAGEMENT

WASTE TO BE CLEANED UP AND PLACED IN DESIGNATED WASTE CONTAINERS. WASTE CONTAINERS TO HAVE GROUND SEPARATION AND TO BE OF SUFFICIENT SIZE AND NUMBER TO CONTAIN CONSTRUCTION AND DOMESTIC WASTE. CONTAINERS TO BE KEPT CLOSED WHEN NOT IN USE AND CLOSED AT THE END OF THE BUSINESS DAY. (SECTION 2.3.1, 2.3.4 AND 2.3.7)

SPILL RESPONSE:

CONTRACTOR TO DEVELOP A SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOR THE POLLUTANT GENERATING CONSTRUCTION ACTIVITIES (SECTION 2.3). CONTRACTOR TO SPECIFY WHERE FERTILIZERS ARE TO BE APPLIED ON SITE AND APPLY FERTILIZERS PER SECTION 2.3.5. A COPY OF THE SPCC MUST BE KEPT ON-SITE OR BE ELECTRONICALLY AVAILABLE. SPILLS SHALL BE STOPPED EXPEDITIOUSLY, CONTAINED AND CLEANED UP AND DISPOSED OF OFFSITE AT AN APPROVED FACILITY (SECTION 4.4.b.xxi). DISCHARGE OF HAZARDOUS SUBSTANCES SHALL BE IMMEDIATELY REPORTED TO THE EMERGENCY RESPONSE SYSTEM AT (800)452-0311 (SECTION 2.3.10).

SEED NOTE:

NOTE: CONTRACTOR TO PRESERVE VEGETATION ON STEEP SLOPES UNTIL IT BECOMES NECESSARY TO DISTURB FOR CONSTRUCTION.

TEMPORARY SEED MIX: DWARF PERENNIAL RYE GRASS, 80% BY WEIGHT AND CREEPING RED FESCUE, 20% BY WEIGHT AT 100 LB./ACRE. PREPARE SOIL AND INSTALL TEMPORARY SEEDING PER CITY OF ALBANY.

ESC SHEET INDEX

SHEET NUMBER	SHEET TITLE
C8.00	EROSION & SEDIMENT CONTROL COVER PAGE
C8.01	EROSION & SEDIMENT CONTROL NOTES & BMP MATRIX
C8.03	EROSION & SEDIMENT CONTROL PLAN STA 14+50 TO STA 22+50
C8.04	EROSION & SEDIMENT CONTROL PLAN STA 22+50 TO STA 30+50
C8.06	EROSION & SEDIMENT CONTROL PLAN STA 38+50 TO STA 46+50
C8.08	EROSION & SEDIMENT CONTROL DETAILS

OWNER

CITY OF ALBANY
CONTACT: STACI BELCASTRO, PE
333 BROADALBIN STREET SW
ALBANY, OREGON 97321
PHONE: 541-917-7645
E-MAIL: staci.belcastro@cityofalbany.net

LANDSCAPE ARCHITECT

WALKER MACY
CONTACT: LIN PENG
111 SW OAK STREET, SUITE 200
PORTLAND, OR 97204
PHONE: 503-228-3122
E-MAIL: lpeng@walkermacy.com

PERMITEE'S SITE INSPECTOR

NAME: TBD AT PRE-CONSTRUCTION MEETING
COMPANY/AGENCY: _____
PHONE: _____
FAX: _____
E-MAIL: _____
DESCRIPTION OF EXPERIENCE: _____

ON-SITE CONTRACTORS

CONTRACTOR TO PROVIDE A LIST AT PRECONSTRUCTION MEETING OF ALL CONTRACTORS THAT WILL ENGAGE IN CONSTRUCTION ACTIVITIES ON SITE, AND THE AREAS OF THE SITE WHERE THE CONTRACTORS WILL ENGAGE IN CONSTRUCTION ACTIVITIES. REVISED THE LIST AS APPROPRIATE UNTIL PERMIT COVERAGE IS TERMINATED (SECTION 4.4.c.)

ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

BUSINESS DAYS/HOURS

MONDAY	7:00a - 7:00p
TUESDAY	7:00a - 7:00p
WEDNESDAY	7:00a - 7:00p
THURSDAY	7:00a - 7:00p
FRIDAY	7:00a - 7:00p
SATURDAY	7:00a - 7:00p
SUNDAY	- NO WORK -



DESIGNED BY	DRAWN BY	CHECKED BY	DATE	REVISION	DESCRIPTION
CK/MM/TK	JRC/KY	FW/MK/CV			

DESIGNED BY	CK/MM/TK
DRAWN BY	JRC/KY
CHECKED BY	FW/MK/CV
DATE	APRD.



800 Willamette Street, Suite 400
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4909
www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122



ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
EROSION & SEDIMENT CONTROL
COVER PAGE

SHEET NO.
C8.00

File: O:\c:\p\2019\1900193-Albany-Waterfront\CAD\PL01\PUBLIC-PH1\0193-08-EROSION-CONTROL-PH1.dwg TAB: C8.00
Plotted: 3/10/22 at 10:40am By: WMorris

PHASE 1 BID SET - 03/14/2022

INSPECTION FREQUENCY

SITE CONDITIONS	MINIMUM FREQUENCY
1. ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE. AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
2. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH, IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

- * HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR, TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS
- * ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-CN PERMIT REQUIREMENTS.
- * INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-CN PERMIT REQUIREMENTS.
- * RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY, DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.

EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION

- ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
- INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
- ALL ESC MEASURES DOWNSLOPE MUST BE IN PLACE PRIOR TO GRADING ACTIVITIES. INTEGRATE EROSION CONTROL MEASURES TO UPSLOPE AREAS AS PROJECT PROGRESSES.

BMP MATRIX FOR CONSTRUCTION PHASES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S

BMP'S	DATE (MO/YR) ¹	SITE CLEARING & DEMOLITION	MASS GRADING & UTILITY INSTALLATION	ROAD CONSTRUCTION & PAVING	LANDSCAPING & FINAL STABILIZATION	WET WEATHER ^A
CONCRETE TRUCK WASHOUT	04/2022-06/2022		06/2022-09/2022	09/2022-02/2023	02/2023-04/2023	10/2022-04/2023
CONSTRUCTION ENTRANCE		**X	X	X	X	X
INLET PROTECTION		**X	X	X	X	X
NATURAL BUFFER ZONE ALTERNATIVE		**X	X	X	X	X
ORANGE CONSTRUCTION FENCING		**X	X	X	X	X
PROTECT EXISTING VEGETATION		X	X	X	X	X
PERMANENT SEEDING AND PLANTING					X	X
PLASTIC SHEETING ON STOCKPILES			X	X	X	X
SEDIMENT FENCING		**X	X	X	X	X
SEDIMENT BARRIER		**X	X	X	X	X
TEMPORARY SEEDING		X	X	X	X	X
TREE PROTECTION FENCING		**X	X	X	X	X
UNPAVED ROADS & HAUL ROADS GRAVELED AND STABILIZED		X	X	X	X	X

** = SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

¹ = CONTRACTOR TO REVIEW TIME FRAME FOR CONSTRUCTION STAGES. CONTRACTOR TO PROVIDE REVISED TIME FRAME AT INITIAL EROSION CONTROL INSPECTION.

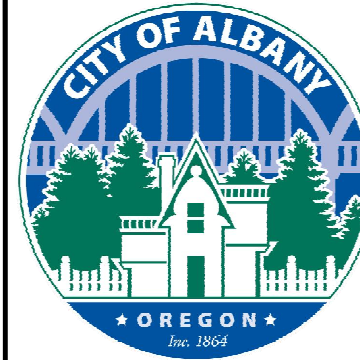
^A = WET WEATHER CONSTRUCTION IS 10/1 - 4/30 AS DEFINED BY CITY OF ALBANY ADMINISTRATIVE RULES.

WET WEATHER REQUIREMENTS:

- STABILIZE ALL EXPOSED SOIL AND SOIL STOCKPILES TO PREVENT SEDIMENT RUNOFF AND TRACK OFF BY VEHICLES.
- CLEAN UP ALL OFF SITE SEDIMENT AND TRACK OFF IMMEDIATELY.
- PROTECT ALL STORMWATER INLETS, WATER QUALITY FACILITIES AND NATURAL RESOURCES AREAS FROM CONSTRUCTION RUNOFF.
- KEEP PUBLIC R-O-W, ADJACENT PROPERTIES AND THE CITY'S STORMWATER SYSTEM FREE OF CONSTRUCTION DEBRIS.

DESCRIPTION OF STORMWATER CONTROLS

PERMIT SECTION	DESCRIPTION
2.2.1 ACTIVITIES BEFORE CONSTRUCTION	PRIOR TO GROUND DISTURBING ACTIVITIES, THE WILLAMETTE RIVER TOP OF BANK TO BE STAKED AND SILT FENCE TO BE INSTALLED. STORM FACILITIES NORTH OF THE MILL RACE ARE INFILTRATION FACILITIES AND ARE TO BE STAKED AND FENCED.
2.2.2 SEQUENCE OF LAND DISTURBING ACTIVITIES	ALL AREAS OF THE SITE TO BE GRADED SIMULTANEOUSLY. EXPOSED INACTIVE AREAS TO BE STABILIZED EITHER TEMPORARILY OR PERMANENTLY PER SEED NOTE ON EC1.0 AND LANDSCAPE PLANS.
2.2.3 PREVENT BYPASS AND PONDING	CREATE SMOOTH SURFACES BETWEEN THE SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS WHEN POSSIBLE TO PREVENT STORMWATER FROM BYPASSING CONTROLS OR PONDING.
2.2.4 MAINTAIN NATURAL BUFFERS	A NATURAL BUFFER ALTERNATIVE HAS BEEN CHOSEN AND MODELED FOR THIS PROJECT FOR EQUIVALENT SEDIMENT REMOVAL. CONTRACTOR TO INSTALL SINGLE SILT FENCE AT TOP OF BANK PRIOR TO CONSTRUCTION.
2.2.5 VEGETATION	VEGETATION WILL BE PRESERVED WHERE GRADING IS NOT REQUIRED AND WITHIN THE BANKS OF THE WILLAMETTE. DISTURBED AREAS FROM GRADING TO BE RE-VEGETATED UPON COMPLETION OF WORK OR TEMPORARY CESSATION OF WORK.
2.2.6 INSTALL PERIMETER SEDIMENT CONTROL	SEDIMENT FENCE TO BE INSTALLED ALONG PERIMETER OF SITE WHERE SHOWN ON C8.02 - C8.07.
2.2.7 PREVENT SEDIMENT TRACK-OUT	CONSTRUCTION ENTRANCE WILL BE USED TO PREVENT SEDIMENT FROM LEAVING THE SITE ON VEHICLES. ANY TRACK-OUT THAT OCCURS MUST BE REMOVED BY SWEEPING, SHOVELING, OR VACUUMING, OR BY USING OTHER SIMILARLY EFFECTIVE MEANS OF SEDIMENT REMOVAL; AND HOSING OR SWEEPING TRACKED-OUT SEDIMENT INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR WATER OF THE STATE IS PROHIBITED.
2.2.8 STOCKPILE MANAGEMENT	STOCKPILES TO BE LOCATED AWAY FROM THE WILLAMETTE RIVER NATURAL BUFFER AND STORM INLETS. AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED ACCORDING TO SECTION 2.2.20. TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS.
2.2.9 PREVENT WIND EROSION AND DUST	WATER TO BE APPLIED TO EXPOSED SOIL TO PREVENT WIND-BLOWN SOIL AND DUST.
2.2.10 STEEP SLOPE DISTURBANCES	THERE ARE NO EXISTING OR PROPOSED STEEP SLOPES ON OR NEAR THE SITE. STEEP SLOPES ARE DEFINED AS THOSE THAT ARE 70 PERCENT OR GREATER IN GRADE (SECTION 7.5.1).
2.2.11 PREVENT DISCHARGE OF SEDIMENT TO WATER	SEDIMENT CONTROL MEASURES HAVE BEEN PLACED AROUND THE SITE TO PREVENT SEDIMENT FROM LEAVING THE SITE. THE FOLLOWING SITE CONDITIONS ARE PROHIBITED AS THEY INDICATE SEDIMENT HAS LEAD OR IS LIKELY TO LEAVE THE SITE: (1) STABILIZATION MEASURES NOT IMPLEMENTED, (2) EARTH SLIDES AND MUD FLOWS, (3) RILL, CHANNELS AND OTHER CONCENTRATED STORMWATER FLOWS, (4) SEDIMENT LADEN STORMWATER, (5) DEPOSITS OF SEDIMENT IN AREAS THAT DRAIN TO UNPROTECTED INLETS AND INLET PROTECTION MEASURES THAT HAVE NOT BEEN MAINTAINED, (6) SEDIMENT BASINS WITHOUT ADEQUATE STORAGE VOLUME, (7) DEPOSITS OF SEDIMENT FROM THE PROJECT SITE ON ADJACENT PUBLIC AND PRIVATE PROPERTY.
2.2.12 PREVENT SOIL COMPACTION	SOIL COMPACTION TO BE LIMITED IN LANDSCAPE AREAS AROUND THE WILLAMETTE RIVER AND THROUGHOUT SITE. WHERE FEASIBLE NATIVE TOPSOIL WILL BE PRESERVED BY STOCKPILING AND TRANSFERRING. COMPACTED SOILS TO BE REHABILITATED PRIOR TO SEEDING AND PLANTING.
2.2.13 PROTECT STORM DRAIN INLETS	INSTALL INLET PROTECTION FOR ALL INLETS THAT COULD RECEIVE STORMWATER. CLEAN, OR REMOVE AND REPLACE, THE PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR PERFORMANCE IS COMPROMISED
2.2.14 CONCRETE TRUCK WASH OUT	CONCRETE WASH OUT SHOWN ON C8.02 - C8.07. CONCRETE WASHOUT AND WASTE CONCRETE MANAGEMENT AREAS MUST BE MAINTAINED AND FUNCTIONAL. HANDLE (E.G. THROUGH DISPOSAL, REUSE OR RECYCLE) WASH WATER AS WASTE. DO NOT DISPOSE OF CONCRETE WASH WATER OR WASH OUT CONCRETE TRUCKS ONTO THE GROUND, OR INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS. HANDLE (E.G. THROUGH DISPOSAL, REUSE OR RECYCLE) HARDENED CONCRETE WASTE CONSISTENT WITH HANDLING OF OTHER CONSTRUCTION WASTES.
2.2.15 MATERIAL STORAGE	MATERIAL EXPECTED TO BE BROUGHT ON-SITE AS NEEDED. IF STOCKPILING IS NEEDED, STOCKPILING TO BE LOCATED WHERE STAGING IS SHOWN ON C8.02 - C8.07. STOCKPILES TO BE STABILIZED PER 2.2.8.
2.2.16 CONTROL STORMWATER DISCHARGES	STORMWATER DISCHARGES TO BE TO EXISTING STORMWATER SYSTEM.
2.2.17 ENGINEERED SEDIMENT BASIN	NOT APPLICABLE, ENGINEERED SEDIMENT BASIN WILL NOT BE USED ON SITE.
2.2.18 ENGINEERED SEDIMENT BASIN WITH ENGINEERED SOILS	NOT APPLICABLE, ENGINEERED SEDIMENT BASIN WITH ENGINEERED SOILS WILL NOT BE USED ON SITE.
2.2.19 MAINTAIN SITE	SEDIMENT THAT LEAVES THE SITE TO BE CLEANED UP WITHIN 24 HOURS. VACUUMING, DRY MECHANICAL SWEEPING, OR MANUAL SWEEPING MUST BE USED TO CLEANUP RELEASED SEDIMENTS. DO NOT INTENTIONALLY WASH SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS.
2.2.20 STABILIZE EXPOSED SOILS	EXPOSED SOILS TO BE STABILIZED WITH TEMPORARY MEASURES, VEGETATION COVER OR PERMANENT STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE ON ANY PORTION OF THE SITE FOR 14 OR MORE CALENDAR DAYS. DOCUMENT THE DAY THE ACTIVITIES CEASE AND THE LOCATION ON SITE IN THE VISUAL MONITORING REPORT (SEE SECTION 6.5.E). COMPLETE THE INSTALLATION OF STABILIZATION MEASURES AS SOON AS PRACTICABLE, BUT NO LATER THAN SEVEN CALENDAR DAYS AFTER STABILIZATION HAS BEEN INITIATED.
2.2.21 FINAL STABILIZATION	FINAL SURFACES TO BE PAVED, BUILDING OR LANDSCAPED AREAS. LANDSCAPE AREAS TO BE STABILIZED PER 2.2.20 AND MEET FINAL STABILIZATION CRITERIA OF SECTION 2.2.21. VEGETATION IS TO BE ESTABLISHED PRIOR TO REMOVING TEMPORARY SEDIMENT BARRIERS AND SILT FENCE. CONSTRUCTION MATERIALS, WASTE, POTENTIAL POLLUTANTS, EQUIPMENT AND VEHICLES MUST BE REMOVED FROM THE SITE.
2.3 POLLUTION PREVENTION CONTROL	POLLUTANT GENERATING ACTIVITIES INCLUDE SITE CLEARING, UTILITY INSTALLATION, BUILDING CONSTRUCTION AND LANDSCAPING. FUEL AND OIL LEAKS SHALL BE ADDRESSED WITH DRIP PANS AROUND VEHICLES AND ON-SITE STORAGE OF FUEL IS PROHIBITED; SEDIMENT CONTROL MEASURES WILL BE INSTALLED TO PREVENT SEDIMENT; BUILDING CONSTRUCTION MATERIALS MUST BE LOCATED INSIDE OR ADJACENT TO THE BUILDING IN HYDRAULICALLY ISOLATED AND COVERED AREA, AND FERTILIZER APPLICATIONS MUST FOLLOW SECTION 2.3.5. A COPY OF THE SPILL PREVENTION PLAN PROVIDED BY THE CONTRACTOR TO BE KEPT ON SITE ALONGSIDE SPILL KITS.
2.4 CONSTRUCTION DEWATERING	NOT APPLICABLE, DEWATERING IS NOT ANTICIPATED ON THIS SITE.



DESIGNED BY	CK / MM / TK	DRAWN BY	JRC / KY	CHECKED BY	FM / MK / CV	DATE	APPRD.	REVISION	DATE	DESCRIPTION

kpff

800 Willamette Street, Suite 400
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4909
www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122

REGISTERED PROFESSIONAL ENGINEER
36481
DIGITALLY SIGNED
OREGON
JUL 19, 2009
MATTHEW M. KEENAN
EXPIRATION DATE: 06/30/23

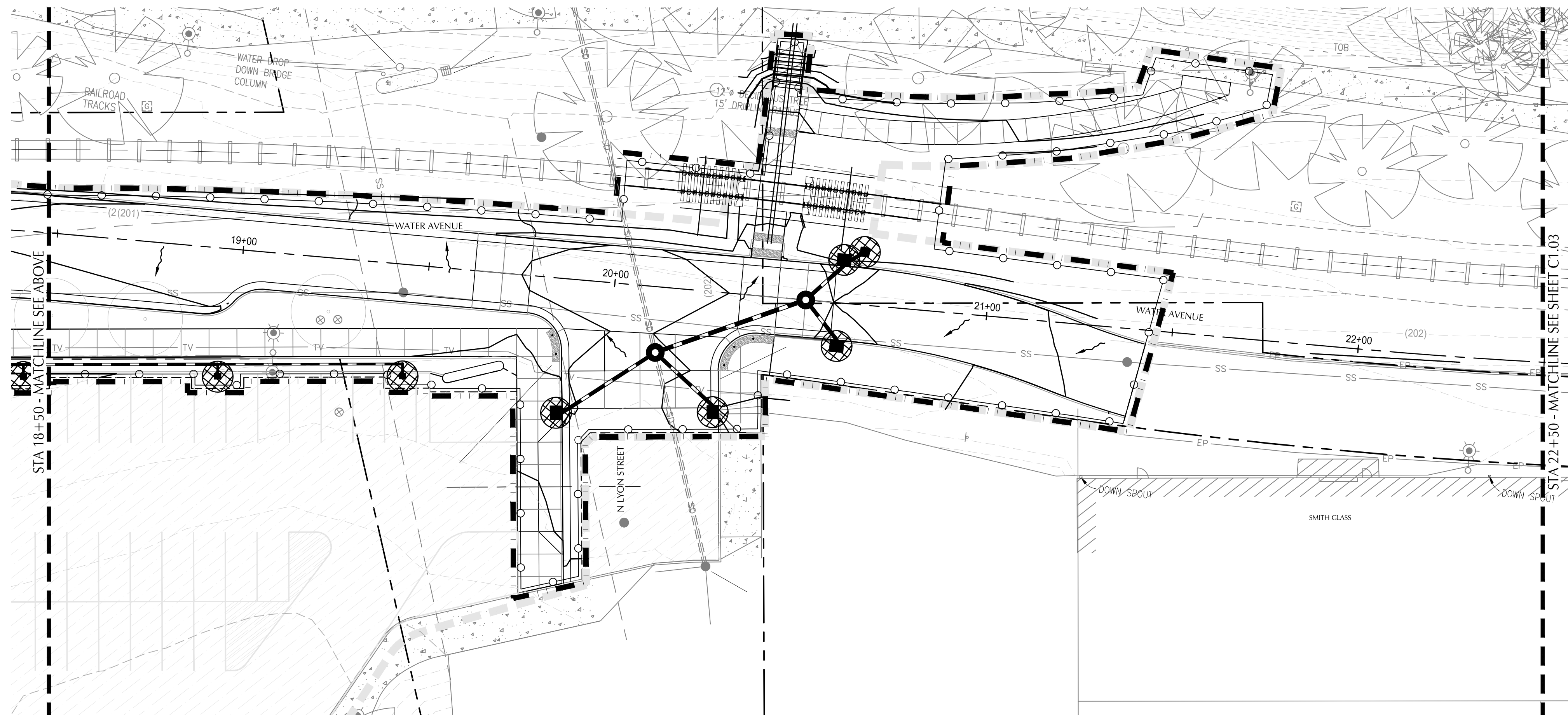
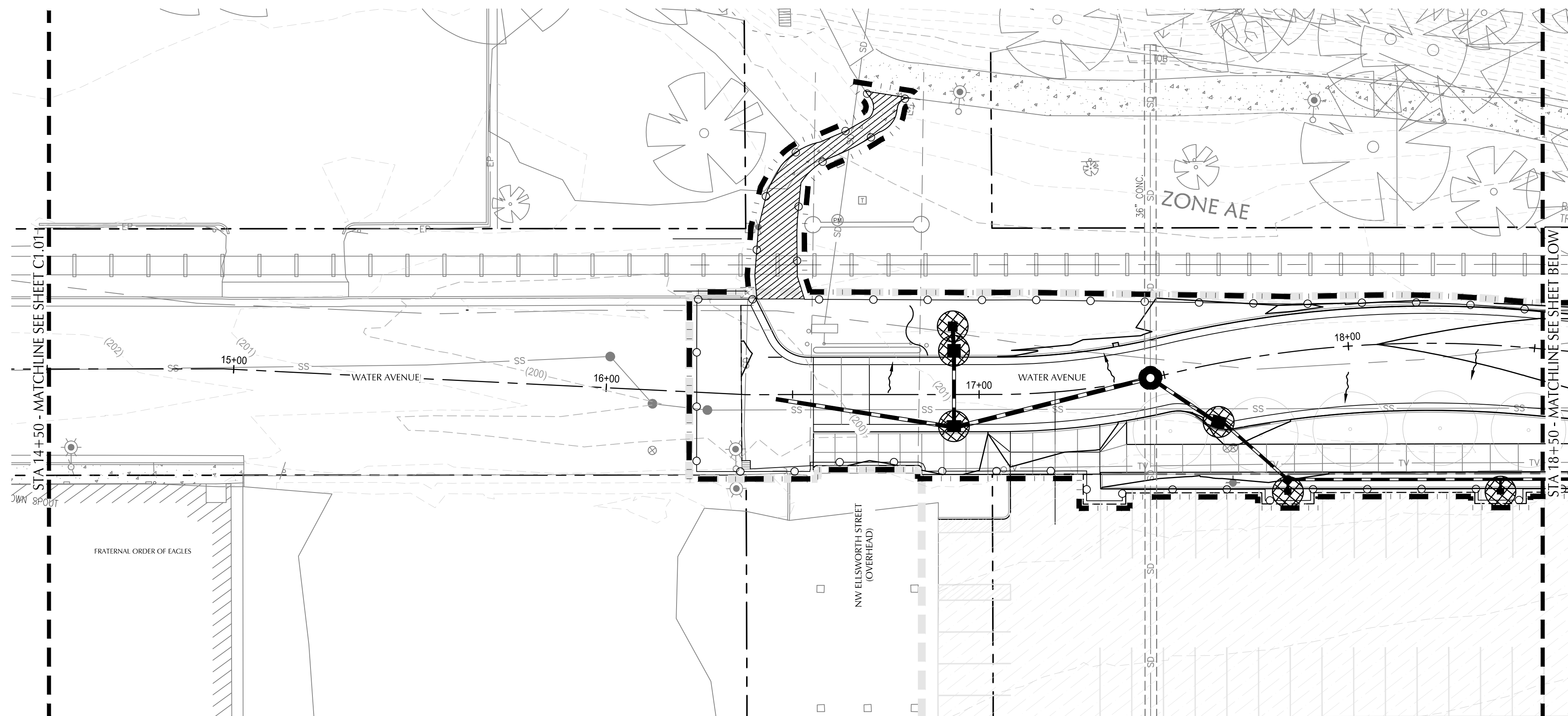
ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
EROSION & SEDIMENT CONTROL
NOTES & BMP MATRIX

SHEET NO.
C8.01

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Plotted: 3/10/22 at 10:40am By: WMorris

PHASE 1 BID SET - 03/14/2022

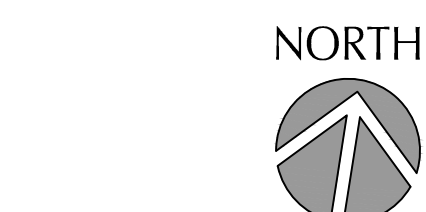
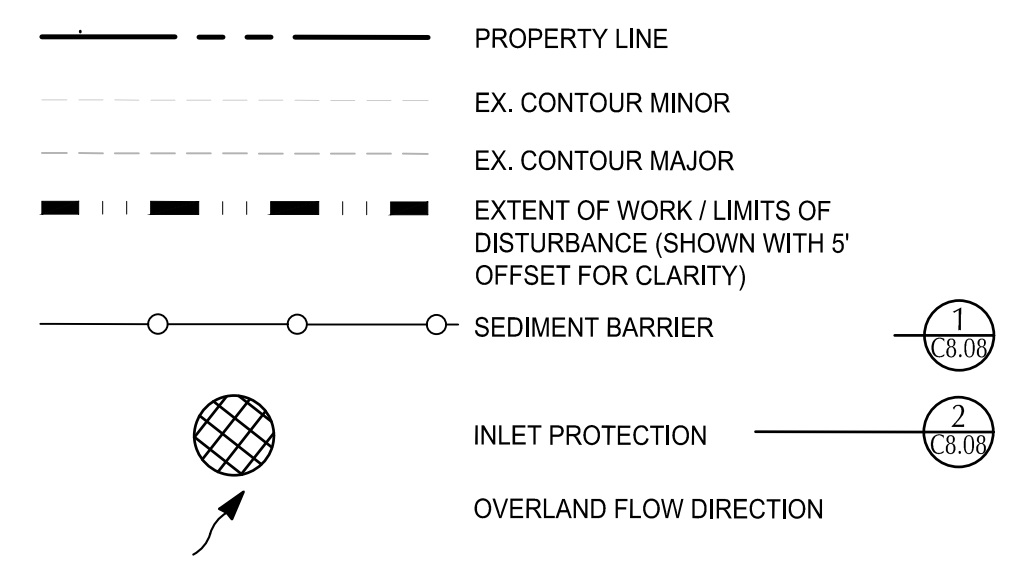
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 Plotted: 3/10/22 at 10:40am By: WMorris



SHEET NOTES

- TREES TO BE REMOVED SHOWN ON SHEET C1.01 - C1.07.
- INSTALL INLET PROTECTION ON ALL INLETS WITHIN 100' OF THE LIMITS OF DISTURBANCE.

SHEET LEGEND



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APPD: 03/14/2022

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY

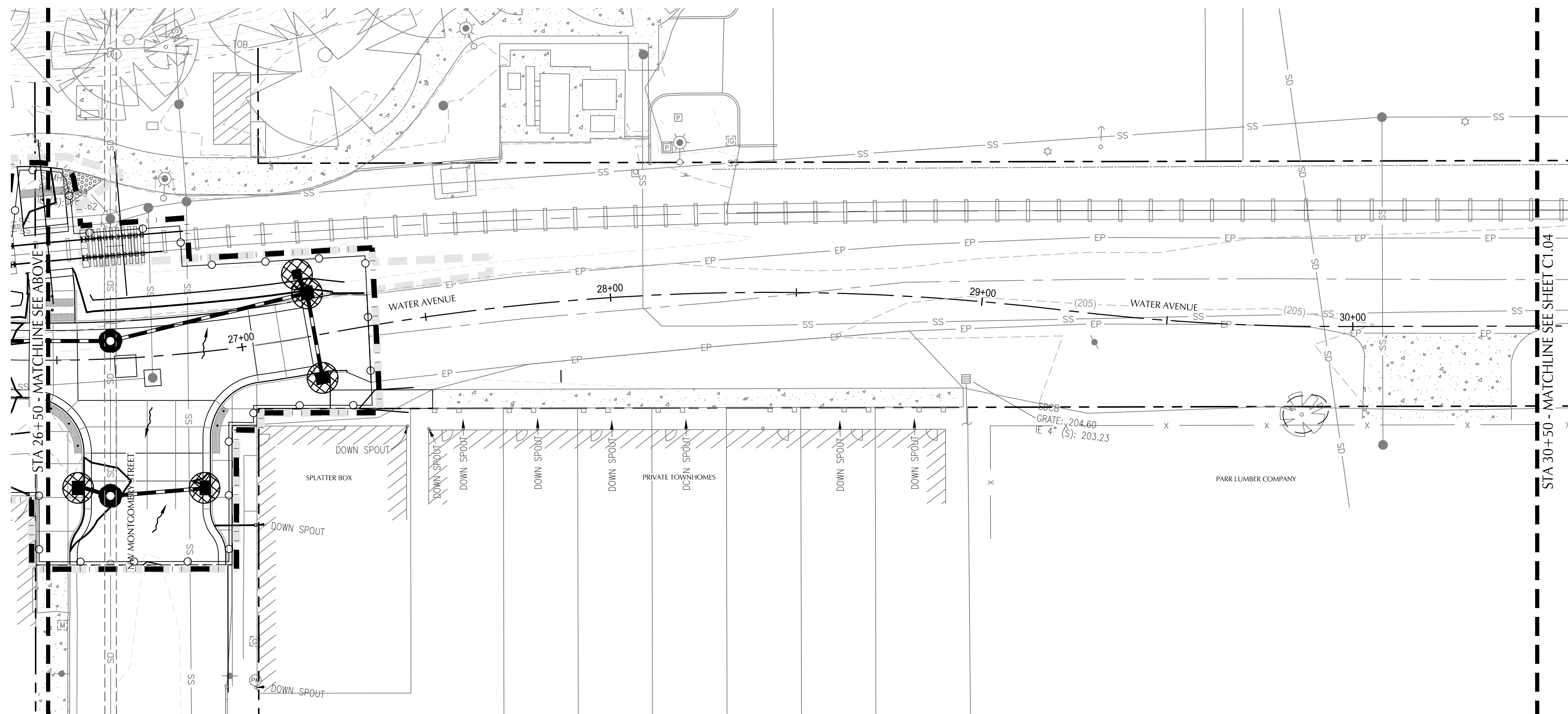
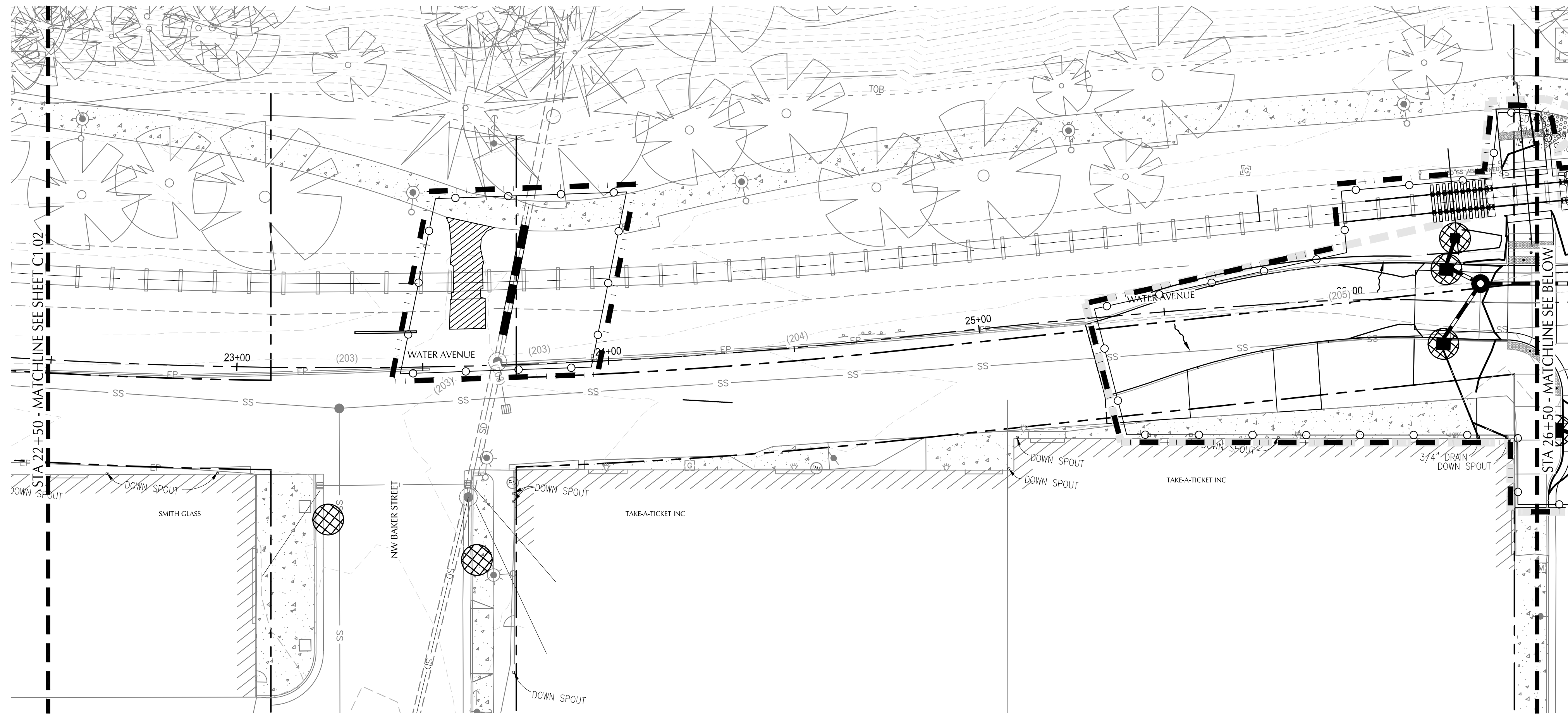
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EROSION & SEDIMENT CONTROL PLAN STA
 14+50 TO STA 22+50

SHEET NO.
C8.03

PHASE 1 BID SET - 03/14/2022

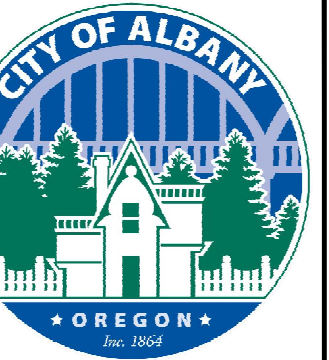
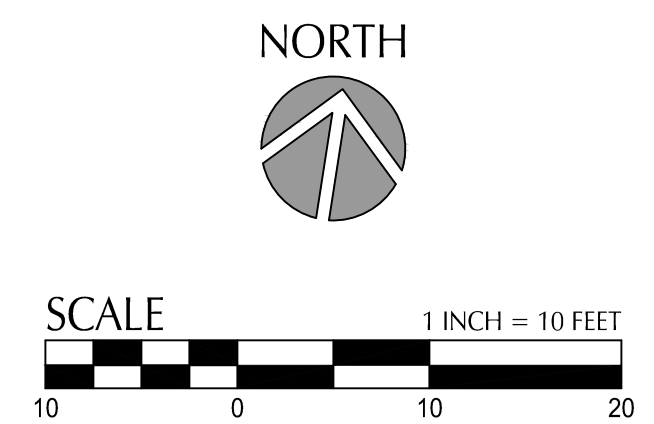
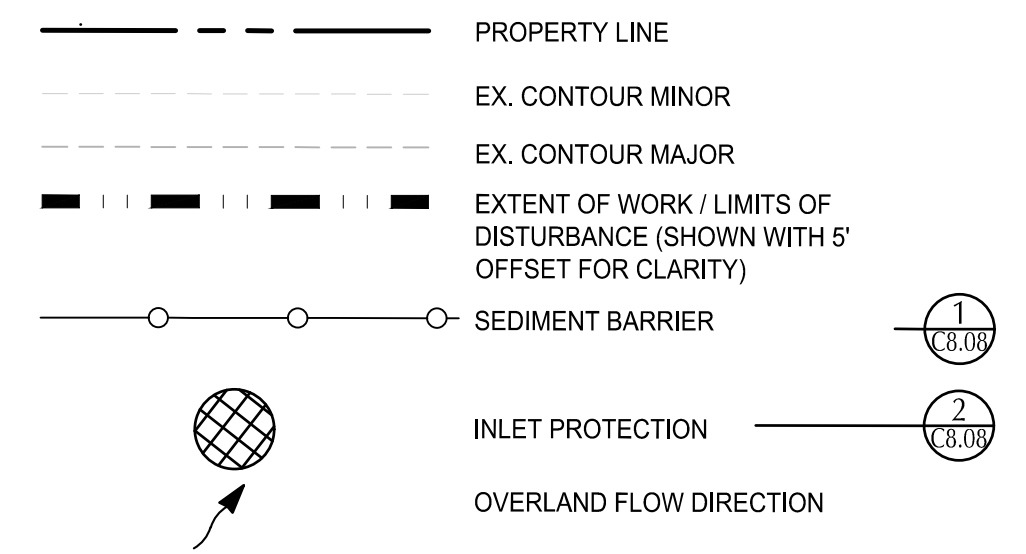
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 Plotted: 3/10/22 at 10:40am By: WMorris



SHEET NOTES

- TREES TO BE REMOVED SHOWN ON SHEET C1.01 - C1.07.
- INSTALL INLET PROTECTION ON ALL INLETS WITHIN 100' OF THE LIMITS OF DISTURBANCE.

SHEET LEGEND



REVISION	DATE	DESCRIPTION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APD:

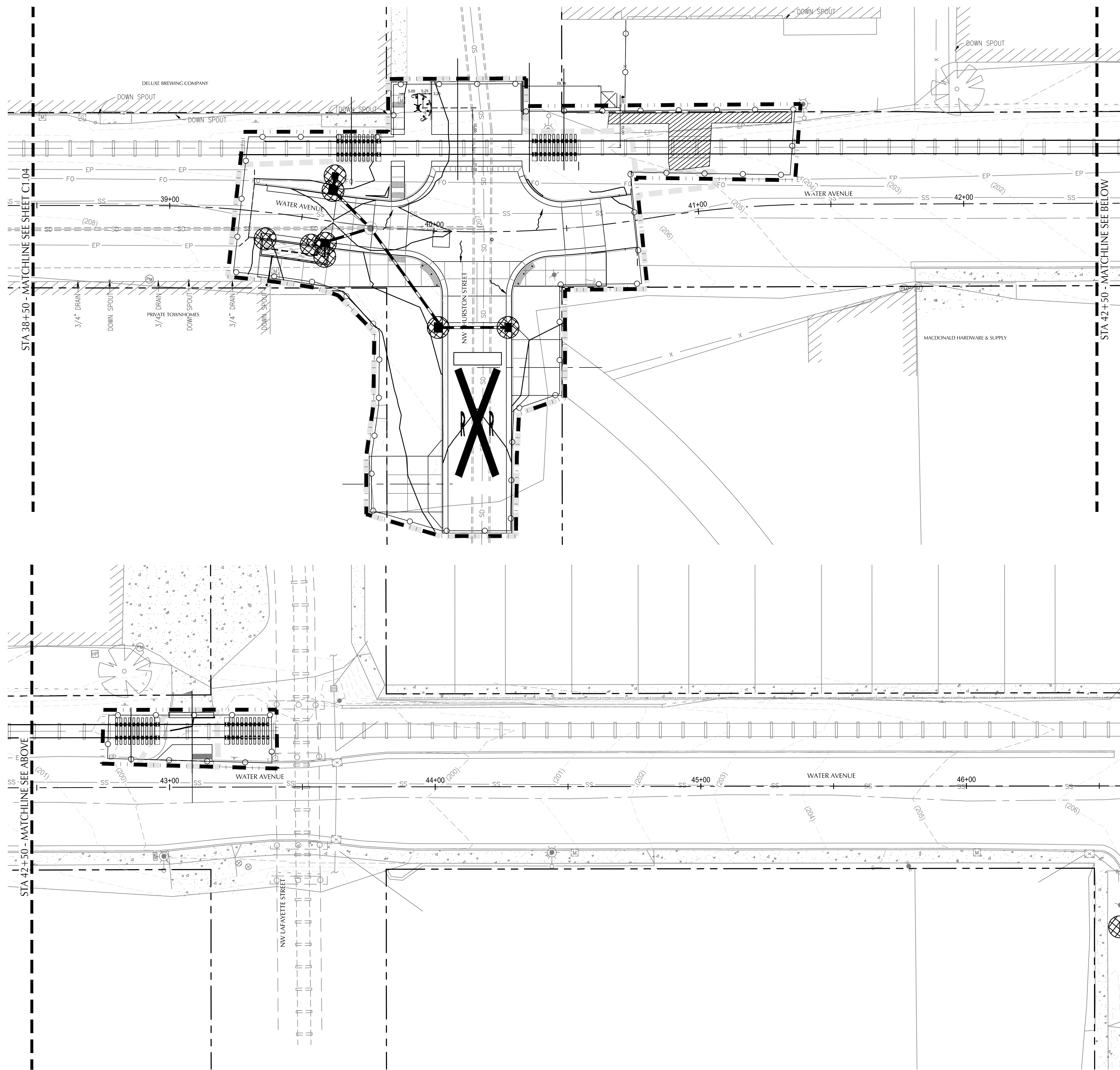
800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
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WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EROSION & SEDIMENT CONTROL PLAN STA
 22 + 50 TO STA 30 + 50

SHEET NO.
C8.04

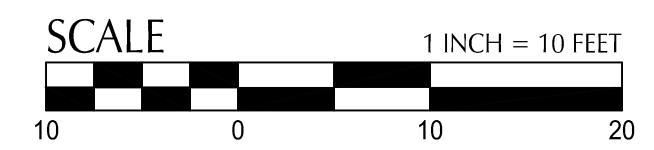
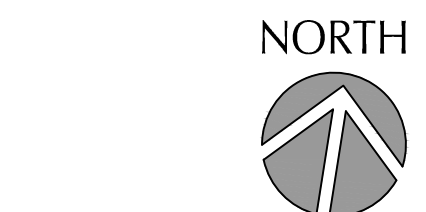
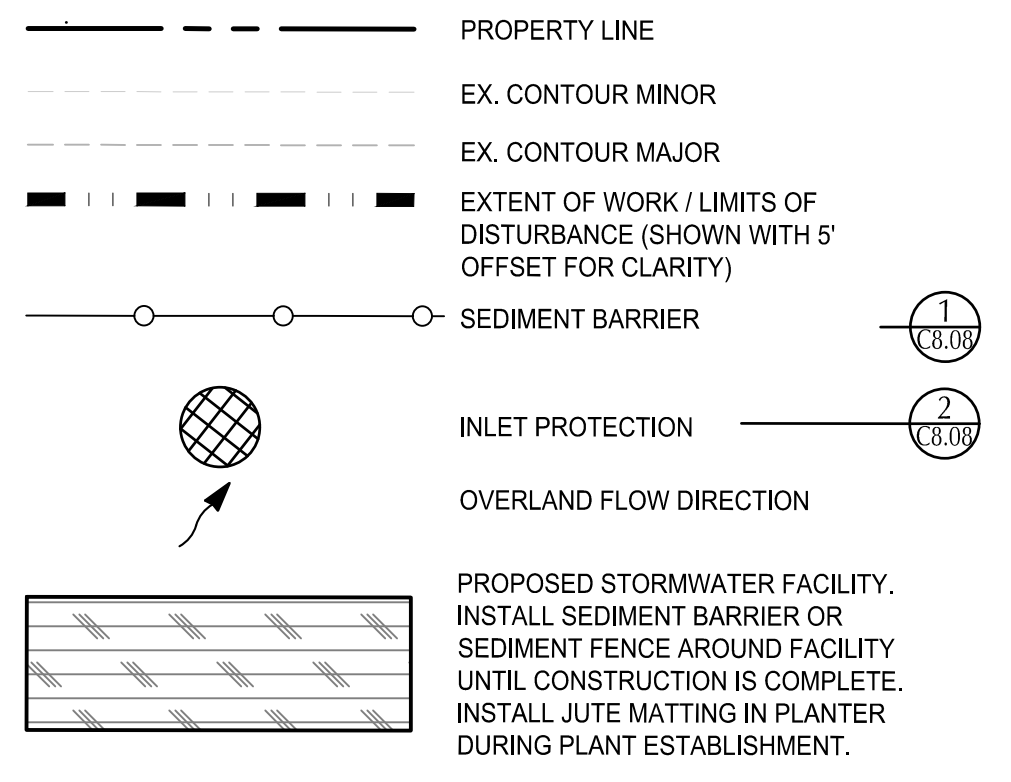
PHASE 1 BID SET - 03/14/2022



SHEET NOTES

- TREES TO BE REMOVED SHOWN ON SHEET C1.01 - C1.07.
- INSTALL INLET PROTECTION ON ALL INLETS WITHIN 100' OF THE LIMITS OF DISTURBANCE.

SHEET LEGEND



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/TK	DRAWN BY JRC/KY	CHECKED BY FM/MK/CV	DATE APFD.
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 503-228-3122

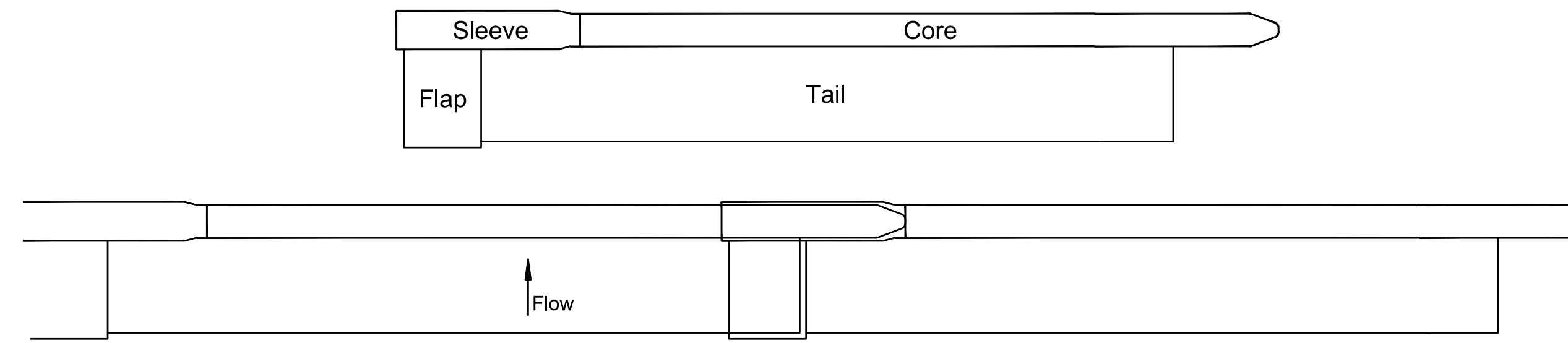
REGISTERED PROFESSIONAL ENGINEER
 56481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EROSION & SEDIMENT CONTROL PLAN STA
 38+50 TO STA 46+50

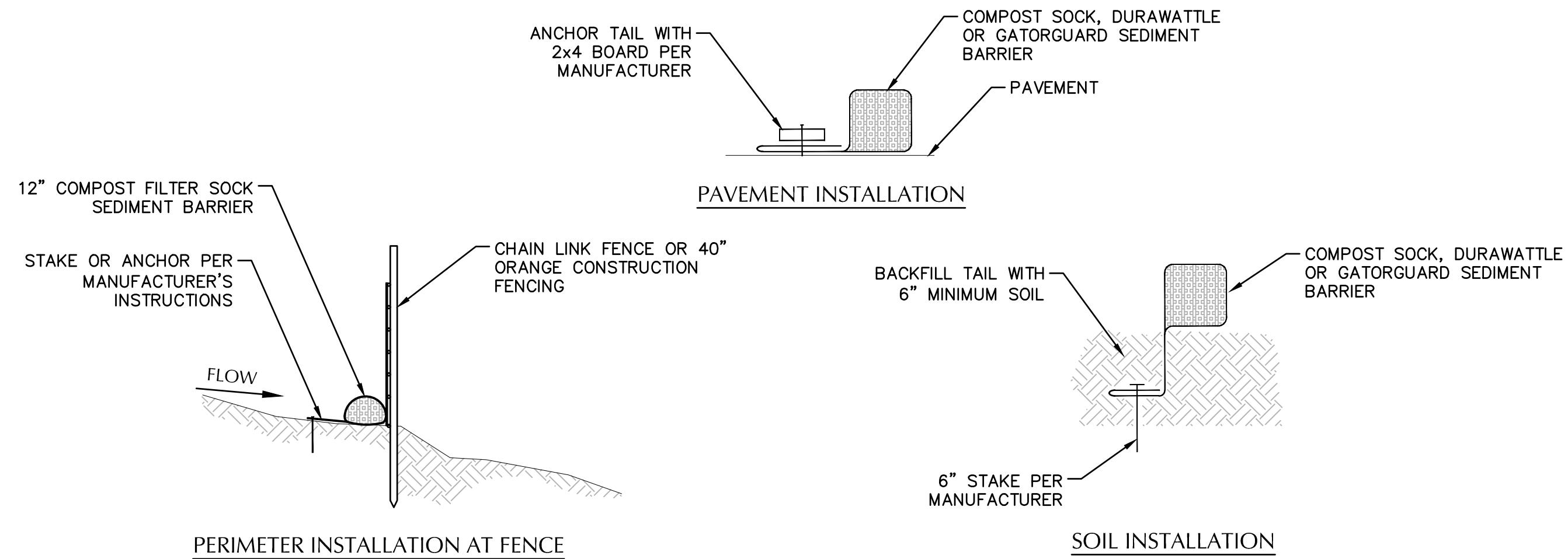
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PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:40am By: WMorris



PLAN



PAVEMENT INSTALLATION

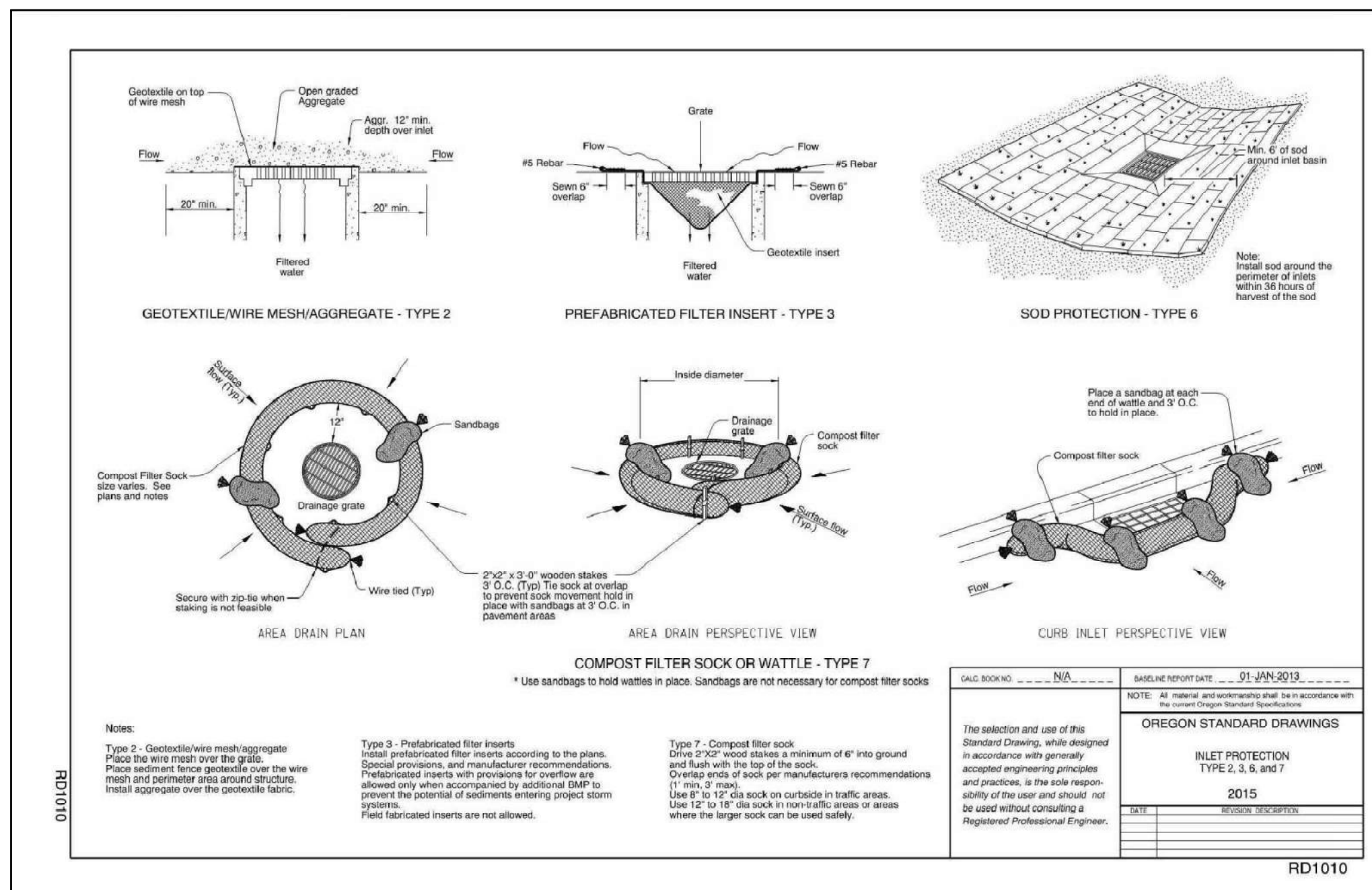
PERIMETER INSTALLATION AT FENCE

SOIL INSTALLATION

NOTE: SEDIMENT BARRIER TO BE COMPOST SOCK WHEN POSSIBLE. ALTERNATIVES ARE DURAWATTLE OR GATORGUARD. INSTALL PER MANUFACTURER'S INSTRUCTIONS & DETAIL ABOVE.

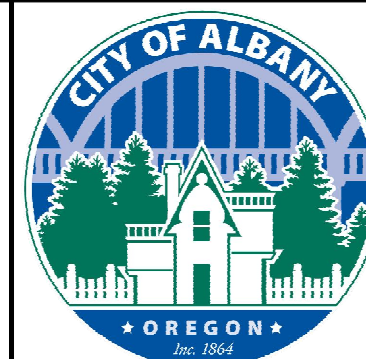
1 SEDIMENT BARRIER

SCALE: NTS



2 INLET PROTECTION

SCALE: NTS



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 DRAWN BY: JRC/KY
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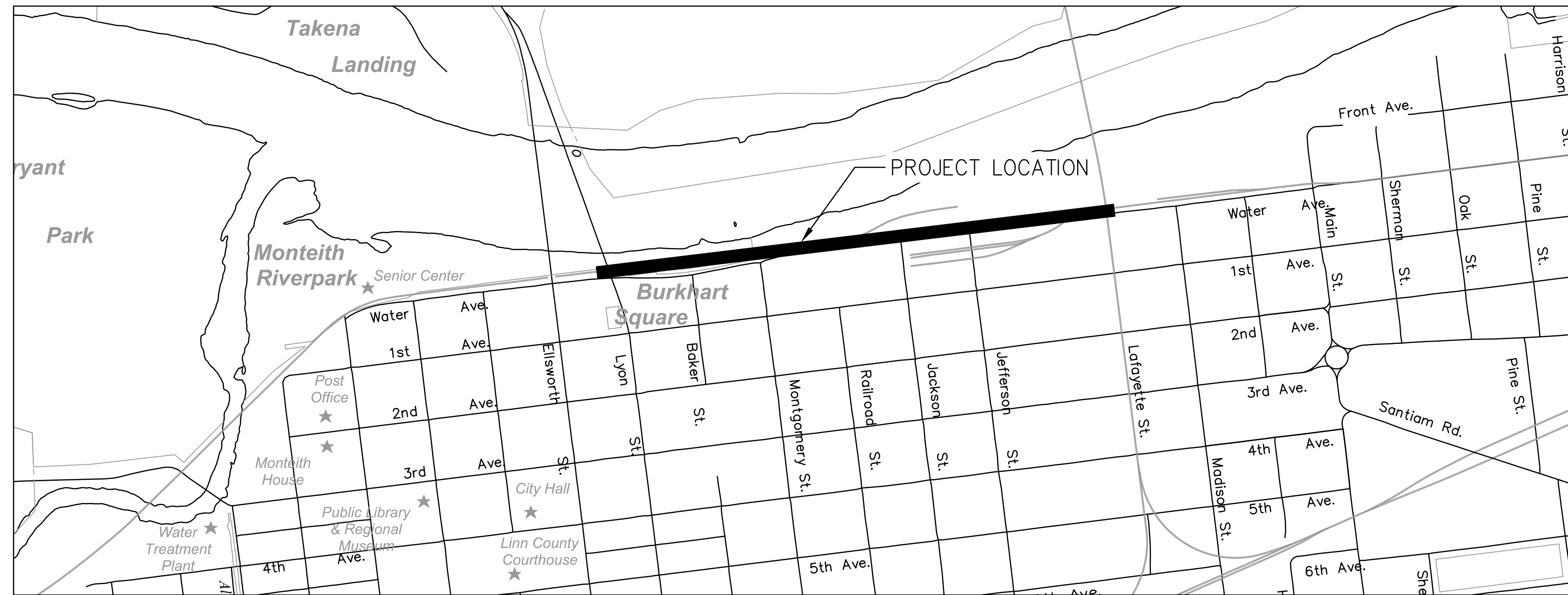


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 EROSION & SEDIMENT CONTROL DETAILS

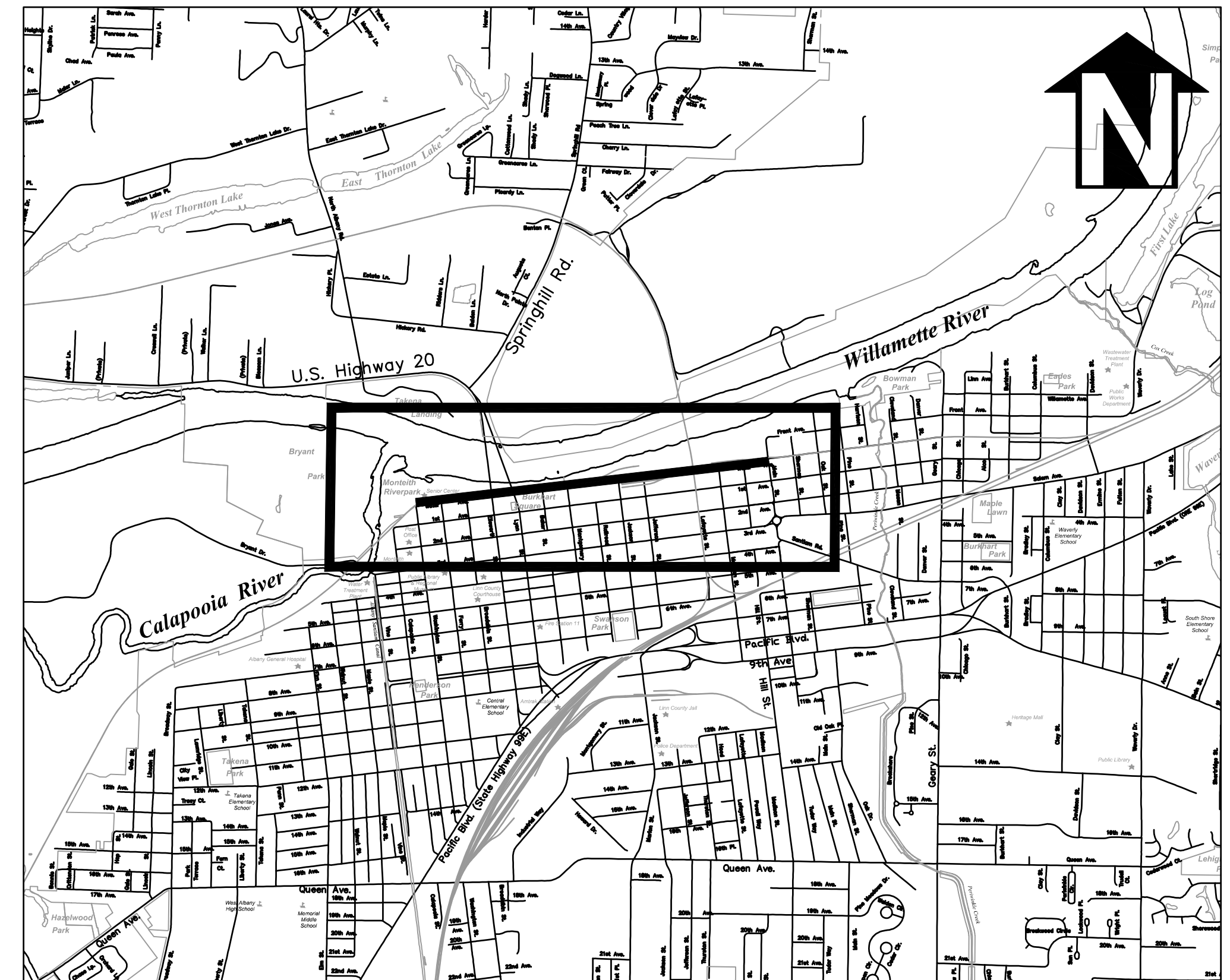
SHEET NO.
C8.08

ALBANY WATERFRONT PROJECT - WATERLINE REPLACEMENT WATER AVENUE

ALBANY, OR
PHASE 1 BID SET - 03/14/2022



Project Location
Not to Scale



Vicinity Map
Not to Scale

SHEET INDEX	
C10.XX - WATERLINE REPLACEMENT	
C10.01	COVER SHEET - WATERLINE REPLACEMENT
C10.02	NOTES AND ABBREVIATIONS - WATERLINE REPLACEMENT
C10.03	KEYMAP - WATERLINE REPLACEMENT
C10.07	WATER PLAN AND PROFILE - STA 18+50 TO STA 20+50
C10.08	WATER PLAN AND PROFILE - STA 20+50 TO STA 22+50
C10.09	WATER PLAN AND PROFILE - STA 22+50 TO STA 24+50
C10.10	WATER PLAN AND PROFILE - STA 24+50 TO STA 26+50
C10.11	WATER PLAN AND PROFILE - STA 26+50 TO STA 28+50
C10.12	WATER PLAN AND PROFILE - STA 28+50 TO STA 30+50
C10.13	WATER PLAN AND PROFILE - STA 30+50 TO STA 32+50
C10.14	WATER PLAN AND PROFILE - STA 32+50 TO STA 34+50
C10.15	WATER PLAN AND PROFILE - STA 34+50 TO STA 36+50
C10.16	WATER PLAN AND PROFILE - STA 36+50 TO STA 38+50
C10.17	WATER PLAN AND PROFILE - STA 38+50 TO STA 40+50
C10.18	WATER PLAN AND PROFILE - STA 40+50 TO STA 42+50
C10.19	WATER PLAN AND PROFILE - STA 42+50 TO STA 44+50
C10.20	WATERLINE CONSTRUCTION DETAILS

PROJECT CONTACTS

OWNER:
CITY OF ALBANY
333 BROADALBIN ST SW
ALBANY, OR 97321
TEL: 541-917-7553
CONTACT: STACI BELCASTRO, P.E.
EMAIL: staci.belcastro@cityofalbany.net

CIVIL ENGINEER/PROJECT MANAGER:
KPF CONSULTING ENGINEERS
800 WILLAMETTE, SUITE 400
EUGENE, OR 97401
TEL: 541-735-9251
CONTACT: MATT KEENAN, P.E.
EMAIL: matt.keenan@kpf.com

SURVEYOR:
K&D ENGINEER, INC.
276 NW HICKORY STREET
ALBANY, OR 97321
TEL: 541-928-2583
CONTACT: JOE COTA P.L.S.
EMAIL: jcota@kdeng.com



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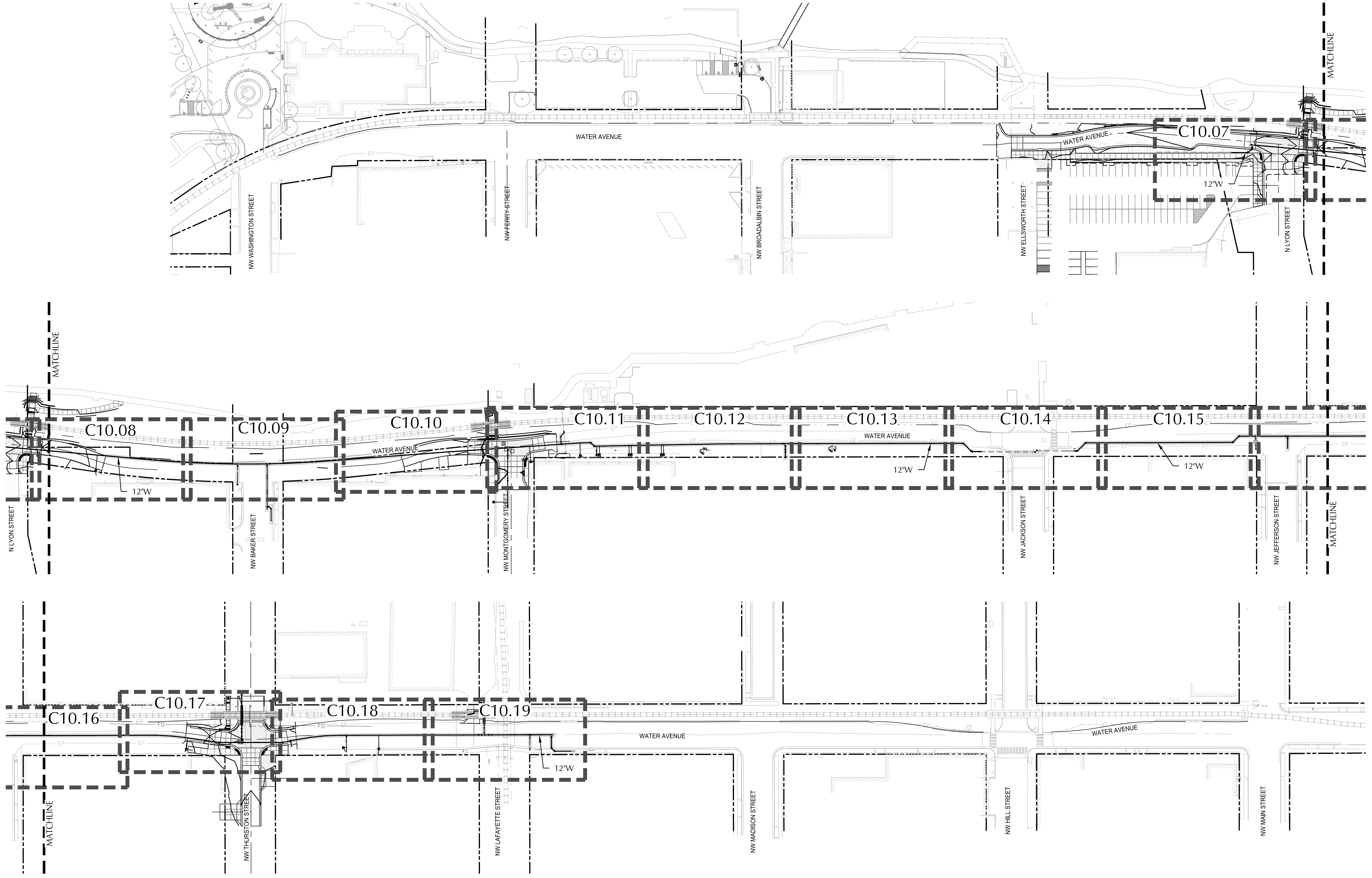
ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
COVER SHEET
WATERLINE REPLACEMENT

SHEET NO.
C10.01

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PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:49am By: WMorris



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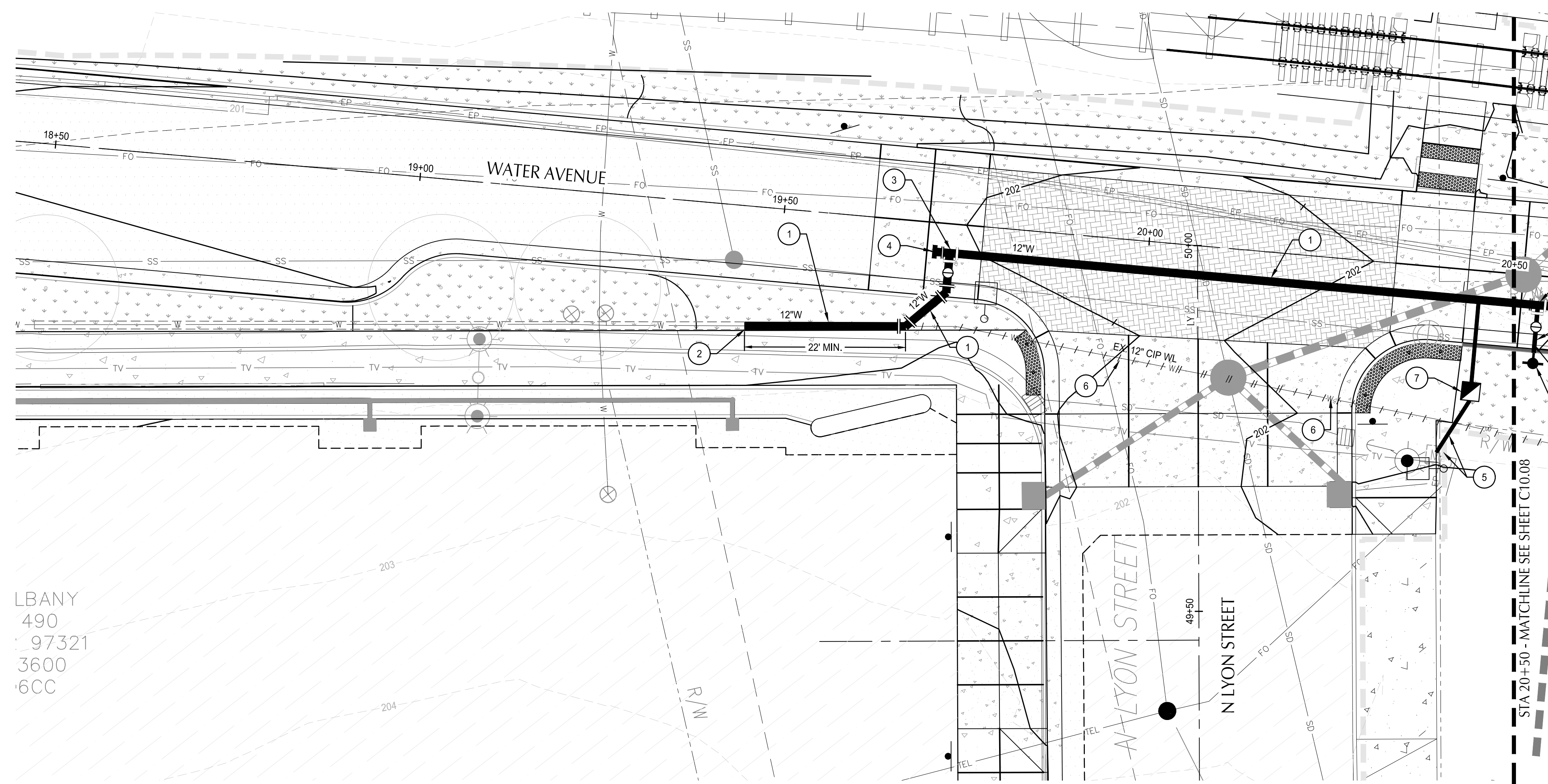


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 KEY MAP
 WATERLINE REPLACEMENT

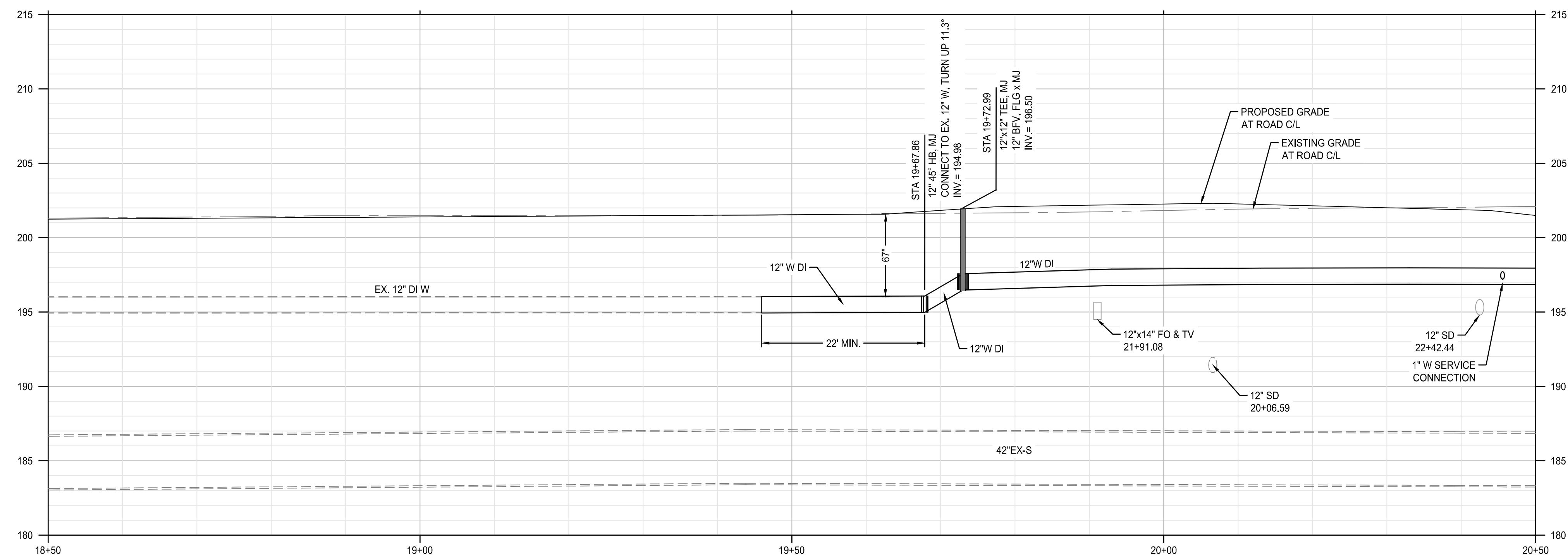
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Plotted: 3/10/22 at 10:51am By: WMorris



WATER AVENUE PLAN
SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
SCALE: HORIZ: 1" = 10'
VERT: 1" = 5'

SHEET NOTES

1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
2. ALL ITEMS THIS SHEET TO BE PAID FOR UNDER SCHEDULE B.
3. WATER MAIN CONSTRUCTION SHALL BE CONSTRUCTED IN 2 PHASES. PHASE 1 WILL INCLUDE JACKSON STREET TO LYON STREET, WHICH SHALL BE CONSTRUCTED EAST TO WEST. PHASE 2 WILL INCLUDE JACKSON STREET TO LAFAYETTE STREET, WHICH SHALL BE CONSTRUCTED WEST TO EAST AFTER ACCEPTANCE OF PHASE 1. SEE SHEET C10.14 FOR CONSTRUCTION SEQUENCING DETAILS.
4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

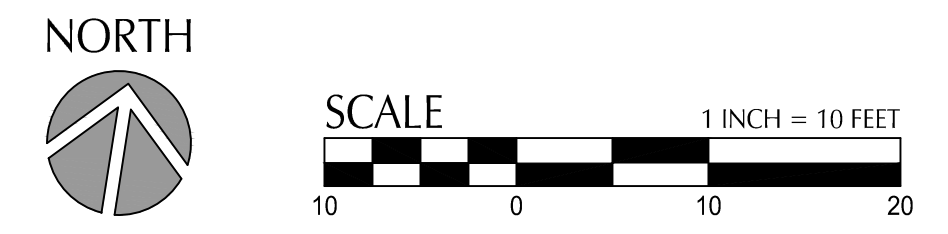
(X) WATER KEY NOTES

- 1 FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASUREMENT.
- 2 STA. 19+45.94, 16.4' RT CONNECT TO EXISTING 12" CI PIPE
- 3 STA. 19+72.99, 4.0' RT AFTER ACCEPTANCE OF PHASE 1 OF NEW WATER LINE, INSTALL 12" x 12" STANDARD CONNECTION ASSEMBLY. SEE STANDARD DRAWING No. 511, DETAIL B.
- 4 STA. 19+70.99, 4.0' RT INSTALL TEMPORARY 4" BLOW-OFF ASSEMBLY.
- 5 REMOVE EXISTING WATER METER AND LEAVE ONSITE TO BE COLLECTED BY THE ENGINEER. EXTEND PRIVATE 1" WATER SERVICE TO THE NEW METER LOCATION. SEE SPECIAL PROVISIONS.
- 6 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
- 7 CONSTRUCT STANDARD 1" COPPER SERVICE ASSEMBLY. SEE STANDARD DRAWING No. 507 AND SPECIAL PROVISIONS.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- ABANDON EXISTING WATER LINE
- REMOVE EXISTING WATER LINE

SEE ADDENDUM #1 FOR CHANGES TO THIS DOCUMENT



DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
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CHECKED BY: FM/MK/CV
DATE APD:

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F: 541.684.4909
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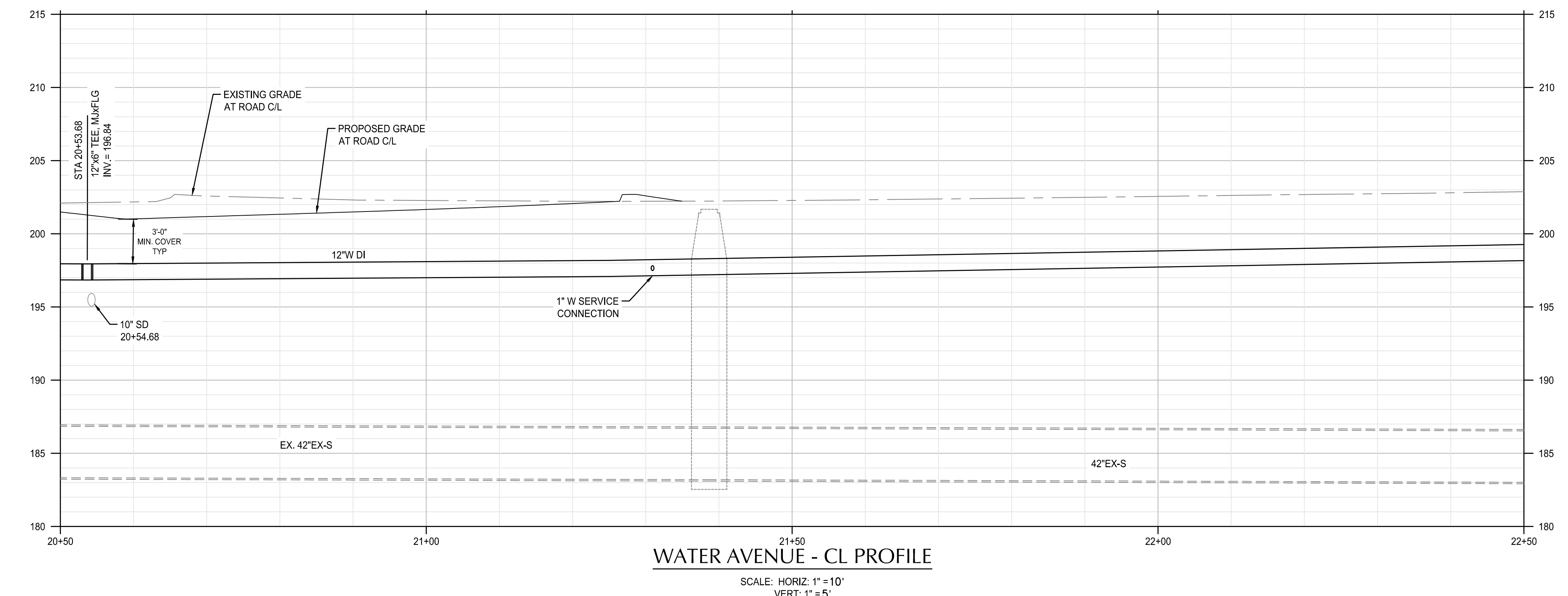
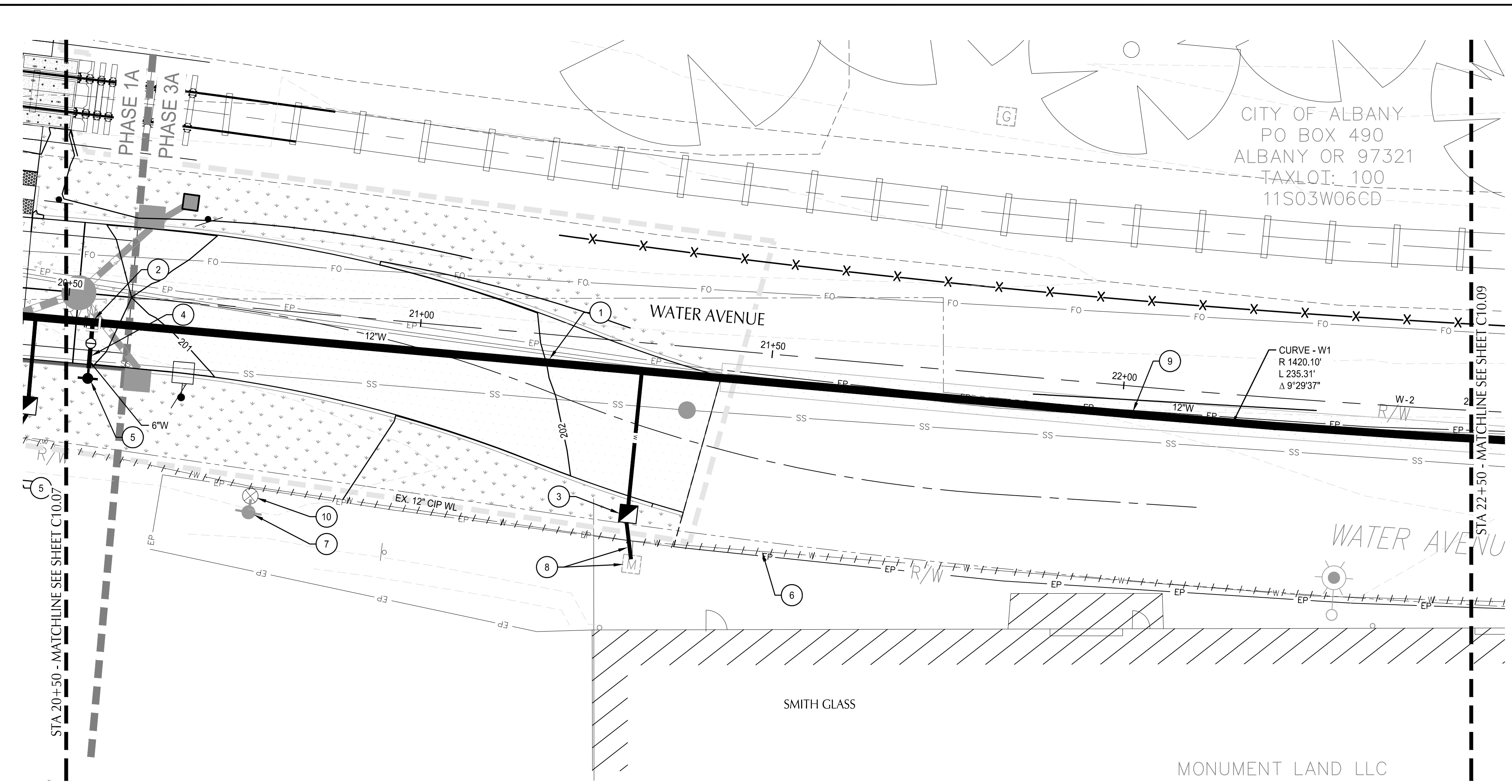
111 SW OAK, SUITE 200
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503-228-3122

REGISTERED PROFESSIONAL ENGINEER
36481
DIGITALLY SIGNED
OREGON
JUL 19 2009
MATTHEW M. KEENAN
EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
WATER AVENUE - PHASE 1
WATER PLAN AND PROFILE - STA 18+50 TO STA 20+50

SHEET NO.
C10.07

File: O:\p\2019\1900193-Albany-Waterfront\CAD\PLT\WATER\0193-03-WT-P&P.dwg TAB: C10.08
 Plotted: 3/10/22 at 10:52am By: WMorris



SHEET NOTES

1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
2. ALL ITEMS THIS SHEET TO BE PAID FOR UNDER SCHEDULE B.
3. WATER MAIN CONSTRUCTION SHALL BE CONSTRUCTED IN 2 PHASES. PHASE 1 WILL INCLUDE JACKSON STREET TO LYON STREET, WHICH SHALL BE CONSTRUCTED EAST TO WEST. PHASE 2 WILL INCLUDE JACKSON STREET TO LAFAYETTE STREET, WHICH SHALL BE CONSTRUCTED WEST TO EAST AFTER ACCEPTANCE OF PHASE 1. SEE SHEET C10.14 FOR CONSTRUCTION SEQUENCING DETAILS.
4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

(X) KEYNOTES

- 1 FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT.
- 2 STA. 20+53.68, 4.0' RT FURNISH AND INSTALL: (1) 12"x6" TEE, MxFLG (1) 6" GV, MxFLG
- 3 CONSTRUCT STANDARD 1" COPPER SERVICE ASSEMBLY. SEE STANDARD DRAWING No. 507 AND SPECIAL PROVISIONS.
- 4 STA. 20+53.68 FURNISH AND INSTALL: RESTRAINED 6" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT.
- 5 STA. 20+53.68, 12.0' RT FURNISH AND INSTALL: FIRE HYDRANT ASSEMBLY (SEE STD. DRAWING No. 504)
- 6 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
- 7 REMOVE EXISTING FIRE HYDRANT. LEAVE ON SITE TO BE RECLAIMED BY CITY CREWS.
- 8 REMOVE EXISTING WATER METER AND LEAVE ON SITE TO BE COLLECTED BY THE ENGINEER. EXTEND PRIVATE 1" WATER SERVICE TO NEW WATER METER LOCATION. SEE SPECIAL PROVISIONS.
- 9 STA. 22+01.55, 4.00 RT PC - BEGIN OF CURVE - W1, DEFLECT PIPE AT JOINTS
- 10 REMOVE ABANDONED VALVE BOX.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- - - - - ABANDON EXISTING WATER LINE
- || || || REMOVE EXISTING WATER LINE

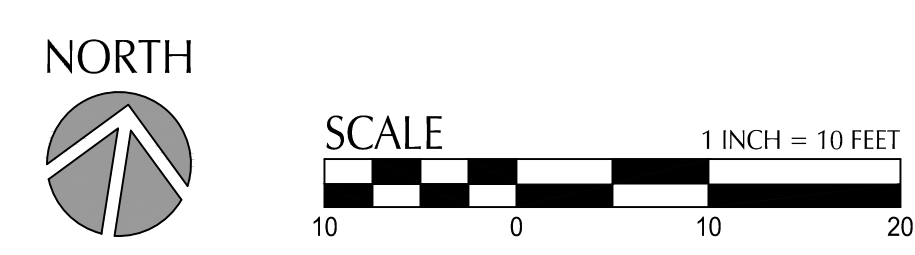


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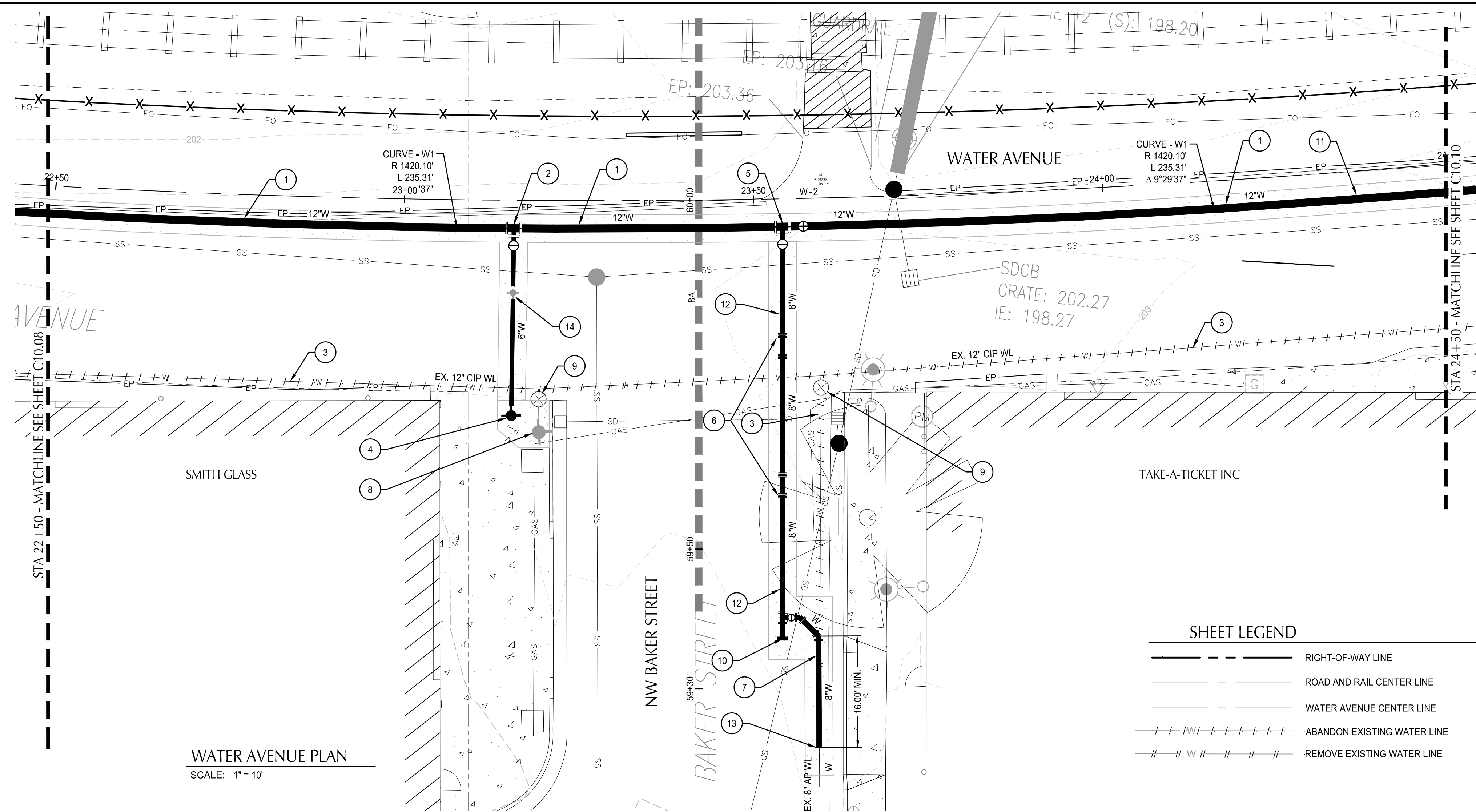
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA
 20+50 TO STA 22+50

SHEET NO.
C10.08

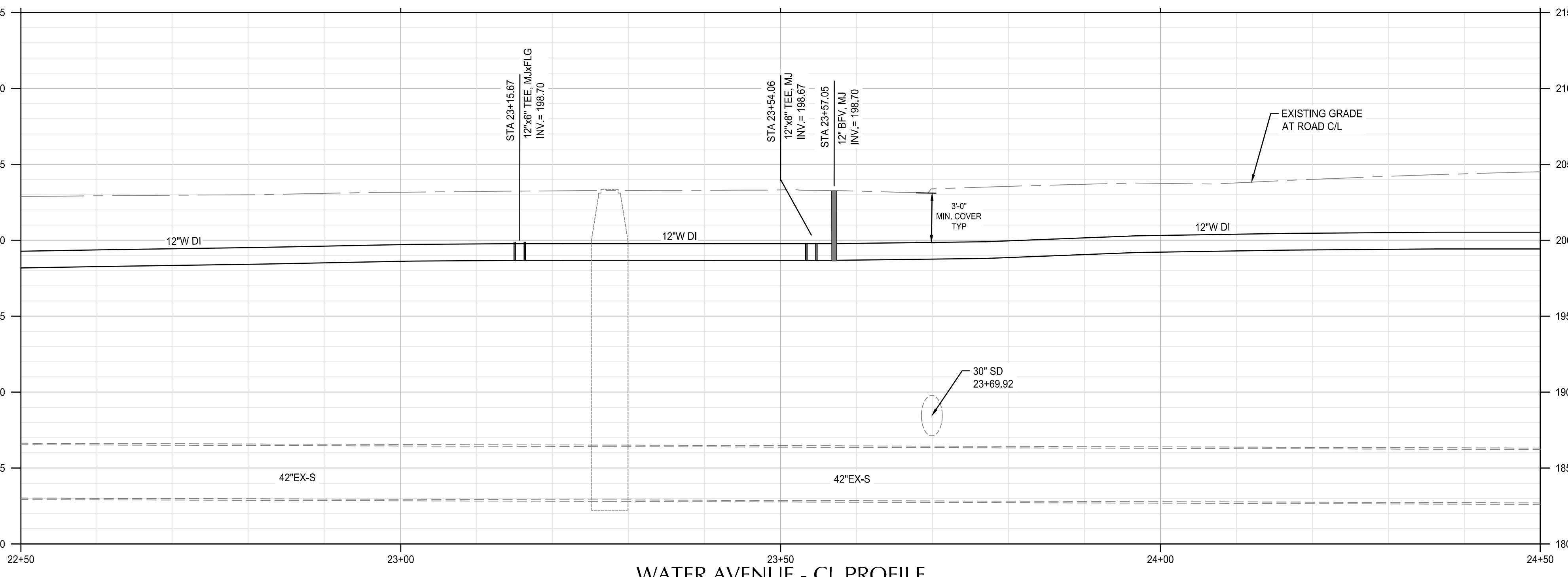
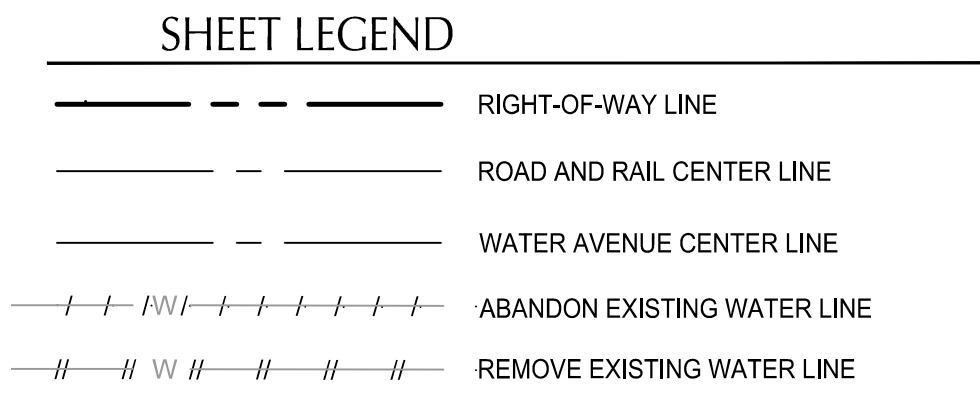


PHASE 1 BID SET - 03/14/2022

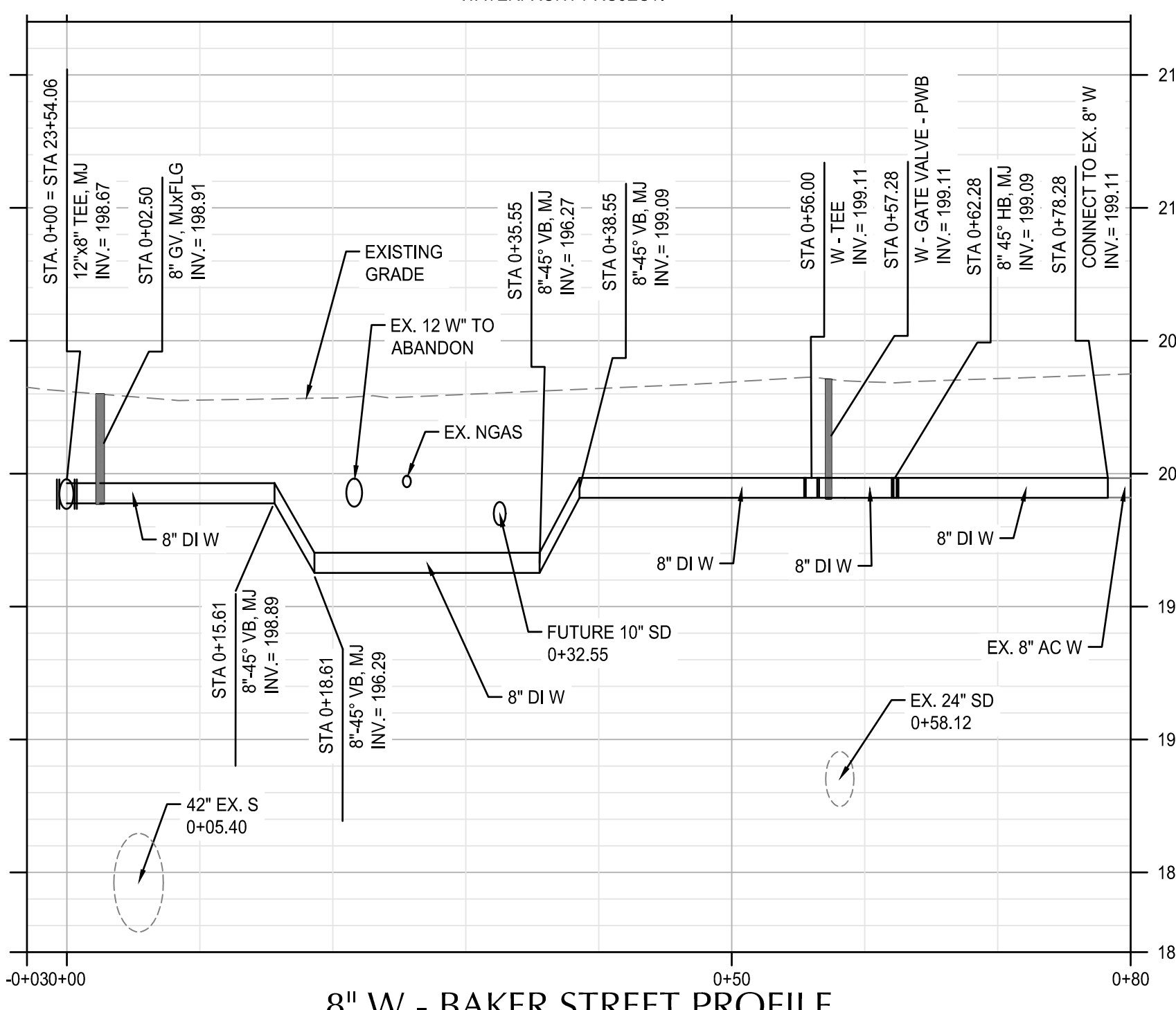
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 Plotted: 3/11/22 at 9:49am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'



8" W - BAKER STREET PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
2. ALL ITEMS THIS SHEET TO BE PAID FOR UNDER SCHEDULE B.
3. WATER MAIN CONSTRUCTION SHALL BE CONSTRUCTED IN 2 PHASES. PHASE 1 WILL INCLUDE JACKSON STREET TO LYON STREET, WHICH SHALL BE CONSTRUCTED EAST TO WEST. PHASE 2 WILL INCLUDE JACKSON STREET TO LAFAYETTE STREET, WHICH SHALL BE CONSTRUCTED WEST TO EAST AFTER ACCEPTANCE OF PHASE 1. SEE SHEET C10.14 FOR CONSTRUCTION SEQUENCING DETAILS.
4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

(X) KEYNOTES

- 1 FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT.
- 2 STA 23+15.67, 4.0' RT FURNISH AND INSTALL: (1) 12"x8" TEE, MxJFLG (1) 8" GV, MxJFLG (1) 8" GV, MxJFLG (E)
- 3 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX 12" CIP AND 8" AC WATER LINES WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
- 4 STA 23+15.67, 30.8' RT FURNISH AND INSTALL: TEMPORARY FIRE HYDRANT ASSEMBLY. THIS FIRE HYDRANT WILL BE RELOCATED TO A PERMANENT POSITION UNDER PHASE 3A OF ALBANY WATERFRONT PROJECT. SEE STANDARD DRAWING NO. 504.
- 5 STA 23+54.06, 4.0' RT FURNISH AND INSTALL: (1) 12"x8" TEE, ALL FLG (1) 12" BFV, FLGxMJ (E) (1) 8" GV, MxJFLG (E) (1) FLGxMJ ADAPTER (W)
- 6 STA 0+15.61 TO 0+38.55 - INSTALL 45 DEGREE BENDS TO TRANSITION NEW WATER LINE UNDER NEW 10" STORM DRAIN, EXISTING 12" WATER AND NGAS LINE. SEE SHEET C5.09 FOR STORM DRAIN INSTALLATION DETAILS.
- 7 AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8" X 8" STANDARD CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL A, WITH POLYETHYLENE ENCASEMENT.
- 8 REMOVE EX. FH AND LEAVE ONSITE TO BE RECLAIMED BY CITY CREWS.
- 9 REMOVE ABANDONED VALVE BOX
- 10 INSTALL TEMPORARY 2" BLOW OFF ASSEMBLY TO BE REMOVED AFTER ACCEPTANCE OF NEW WATERLINE
- 11 STA. 24+35.20, 4.0' RT PT - END OF CURVE - W1
- 12 FURNISH AND INSTALL: RESTRAINED 8" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT
- 13 STA. 0+78.28 CONNECT NEW 8" DI TO EXISTING 8" AP WATERLINE
- 14 STA 23+15.67, 13.1' RT FUTURE LOCATION OF FIRE HYDRANT. THE TEMPORARY FIRE HYDRANT WILL BE RELOCATED UNDER PHASE 3A OF ALBANY WATERFRONT PROJECT.



DESCRIPTION	DATE	REVISION

DESIGNED BY: CK/MM/TK
 DRAWN BY: JRC/KY
 CHECKED BY: FM/MK/CV
 DATE APD:

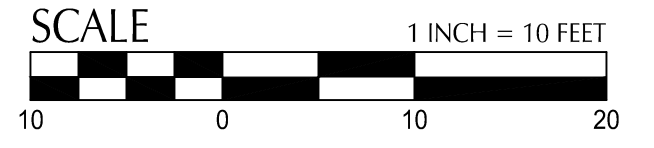
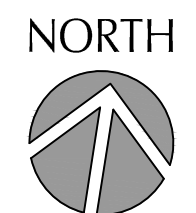
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REGISTERED PROFESSIONAL ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19, 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

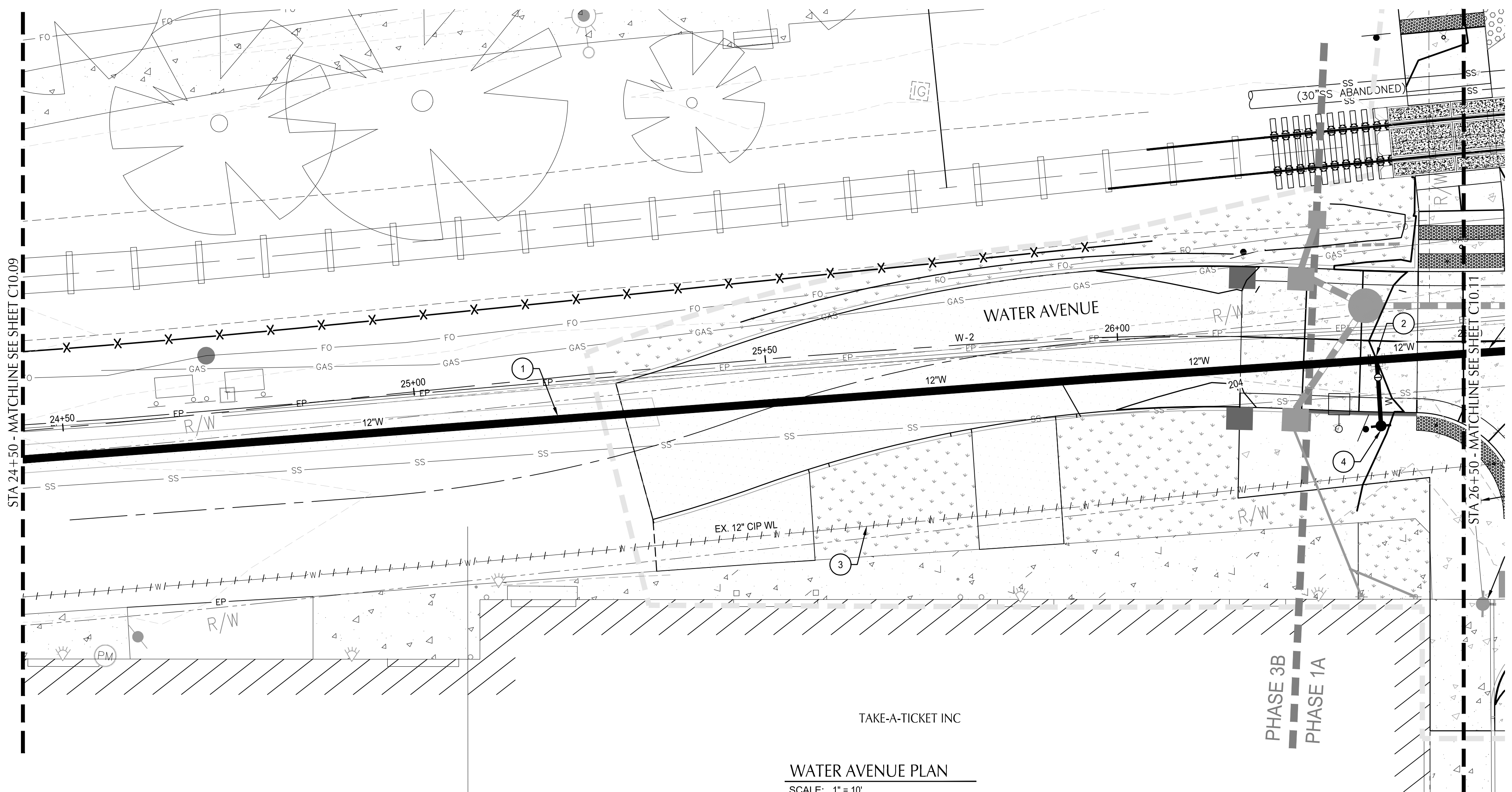
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA
 22+50 TO STA 24+50

SHEET NO.
C10.09

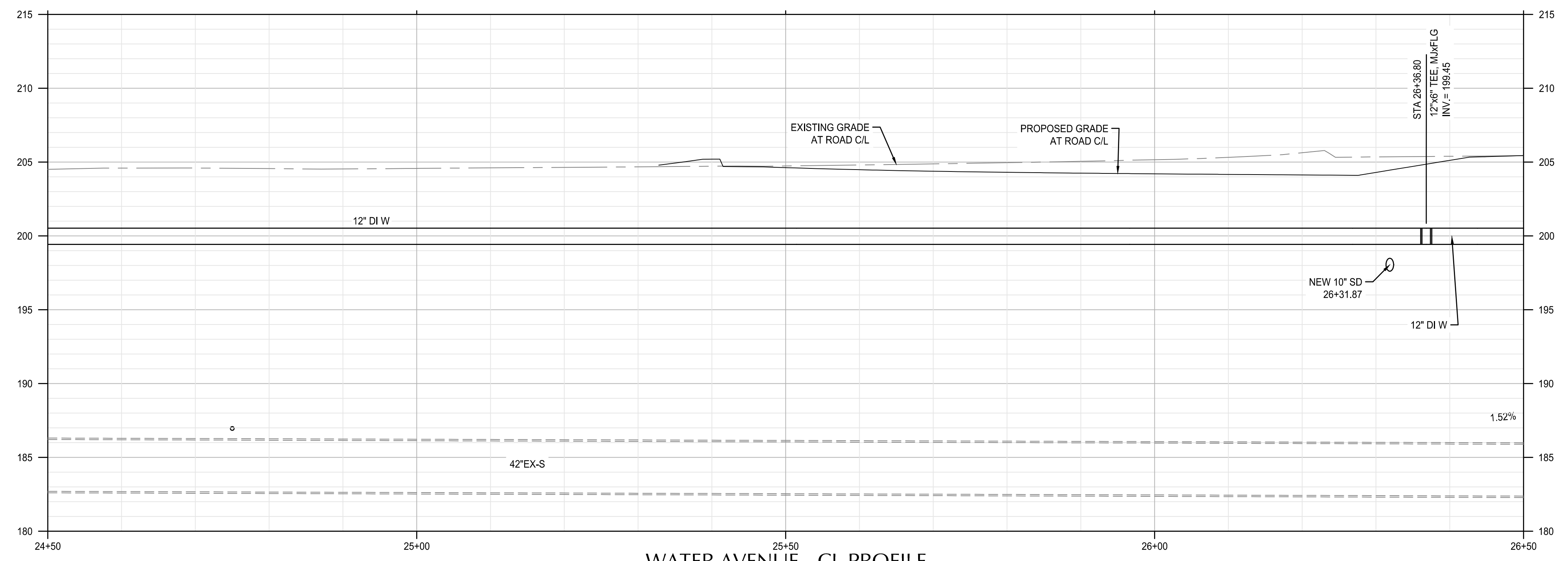


PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:53am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

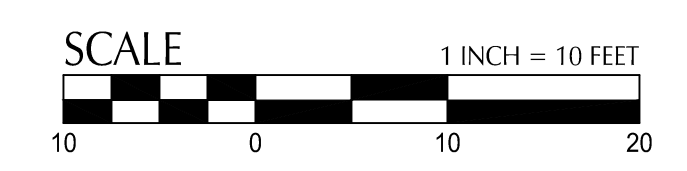
1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
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4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

KEYNOTES

- 1 FURNISH AND INSTALL:
 RESTRAINED 12" CLASS 52 DI PIPE WITH
 POLYETHYLENE ENCASEMENT.
- 2 STA 26+36.80, 2.6' RT
 FURNISH AND INSTALL:
 (1) 12"x6" TEE, MxFLG
 (1) 6" GV, MxFLG (S)
- 3 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX
 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL
 PROVISIONS.
- 4 STA 26+37.65, 12.0' RT
 FURNISH AND INSTALL:
 FIRE HYDRANT ASSEMBLY
 SEE STANDARD DRAWING NO. 504.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- - - ABANDON EXISTING WATER LINE
- || || REMOVE EXISTING WATER LINE



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CHECKED BY	FM/MK/CV			

kpff

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 O: 541.684.4902
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WALKER MACY

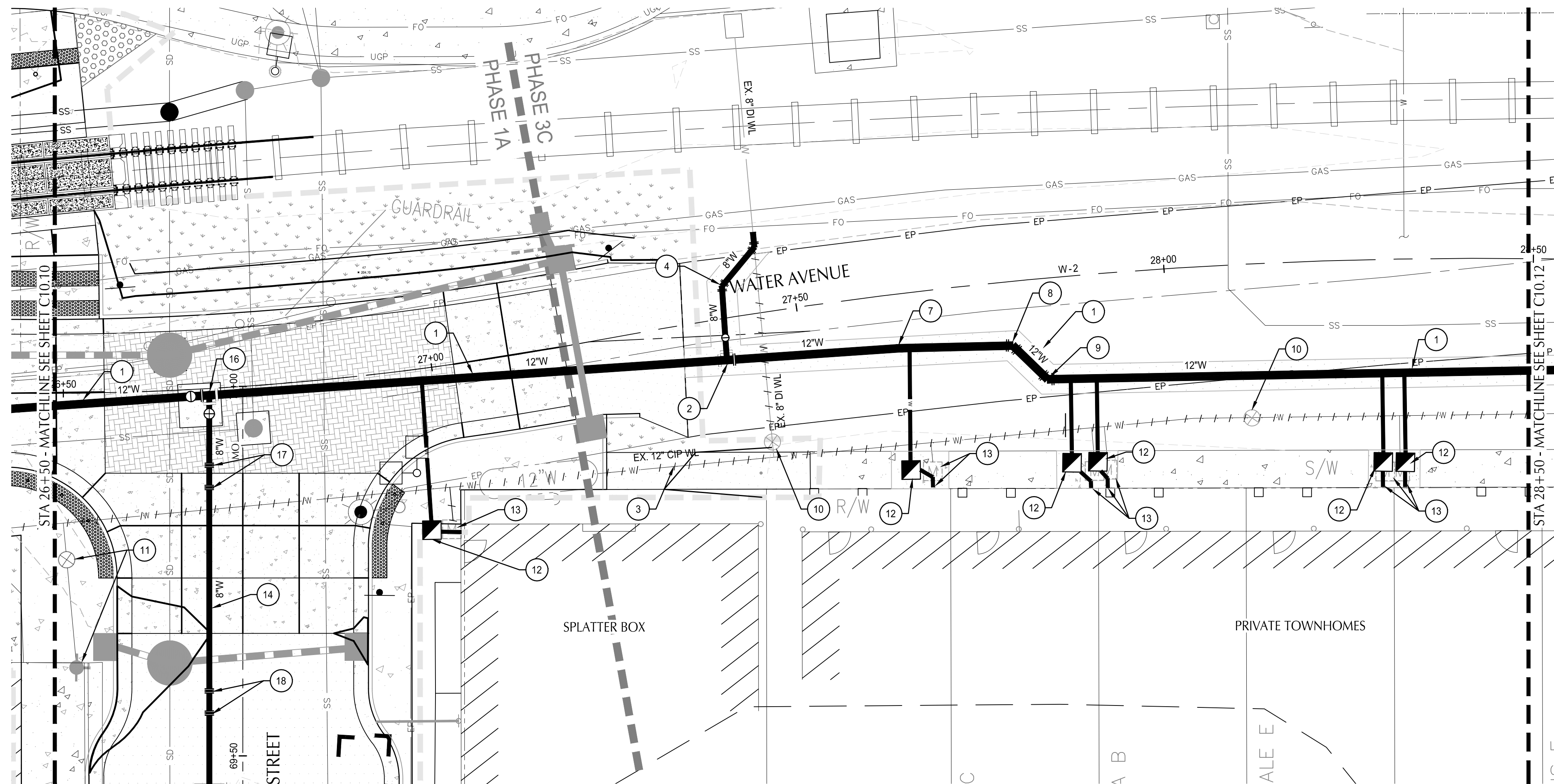
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED PROFESSIONAL
 ENGINEER
 36481
 DIGITALLY SIGNED
 OREGON
 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE -
 STA 24+50 TO STA. 26+50

SHEET NO.
C10.10

PHASE 1 BID SET - 03/14/2022



WATER AVENUE PLAN
 SCALE: 1" = 10'

SHEET NOTES

1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
2. ALL ITEMS THIS SHEET TO BE PAID FOR UNDER SCHEDULE B.
3. WATER MAIN CONSTRUCTION SHALL BE CONSTRUCTED IN 2 PHASES. PHASE 1 WILL INCLUDE JACKSON STREET TO LYON STREET, WHICH SHALL BE CONSTRUCTED EAST TO WEST. PHASE 2 WILL INCLUDE JACKSON STREET TO LAFAYETTE STREET, WHICH SHALL BE CONSTRUCTED WEST TO EAST AFTER ACCEPTANCE OF PHASE 1. SEE SHEET C10.14 FOR CONSTRUCTION SEQUENCING DETAILS.
4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

KEYNOTES

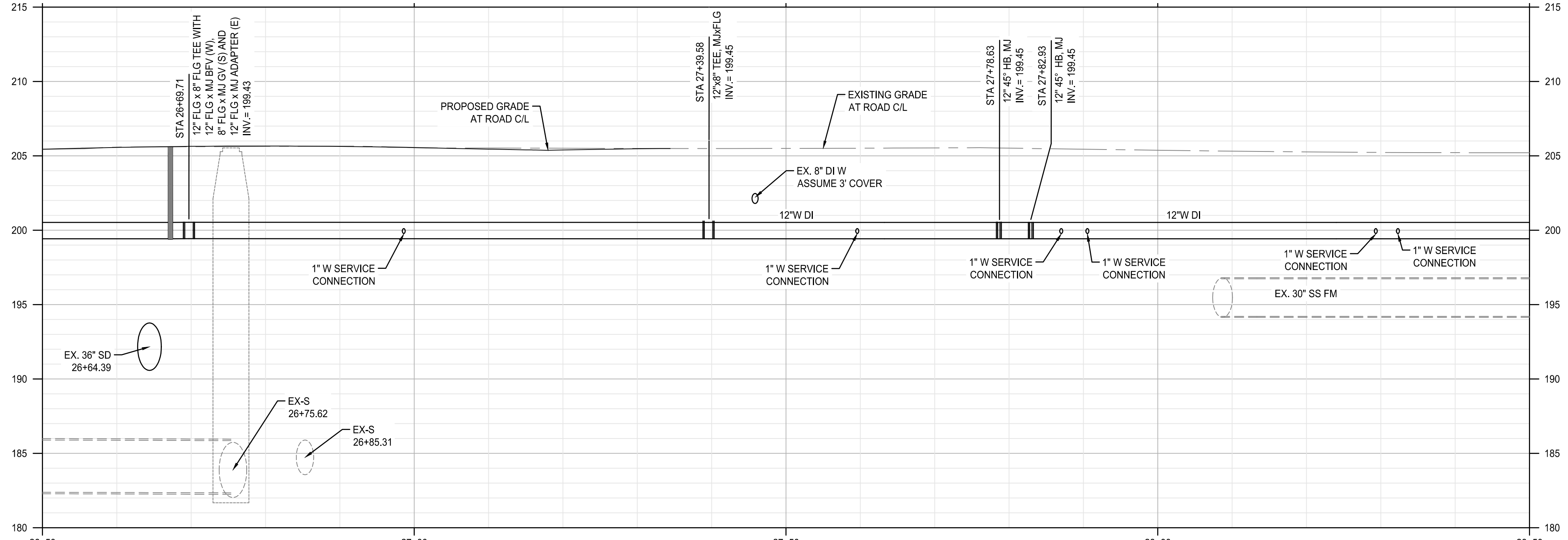
- 1 FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT, 200 LF
- 2 STA 27+39.58, 5.6' RT FURNISH AND INSTALL: (1) 12"x8" TEE, MxFLG (1) 8" GV, MxFLJ (N)
- 3 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX 12" CIP AND 8" DI WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
- 4 AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8" X8" STANDARD CONNECTION ASSEMBLY. SEE STANDARD DRAWING NO. 511, DETAIL B. DISINFECT ALL PIPE AND FITTINGS NORTH OF NEW 8" GATE VALVE PRIOR TO INSTALLATION.
- 5 NOT USED.
- 6 NOT USED.
- 7 STA 27+63.23, 7.3' RT DEFLECT 12" DI PIPE (3')
- 8 STA 27+78.63, 8.7' RT FURNISH AND INSTALL: (1) 12" 45° HB, MJ
- 9 STA 27+82.93, 13.6' RT FURNISH AND INSTALL: (1) 12" 45° HB, MJ
- 10 REMOVE ABANDONED VALVE BOX
- 11 REMOVE EX. FH AND LEAVE ONSITE TO BE RECLAIMED BY CITY CREWS.
- 12 CONSTRUCT STANDARD 1" COPPER SERVICE ASSEMBLY. SEE STANDARD DRAWING No. 507 AND SPECIAL PROVISIONS.
- 13 REMOVE EXISTING WATER METER AND LEAVE ONSITE TO BE COLLECTED BY THE ENGINEER. EXTEND PRIVATE 1" WATER SERVICE TO NEW WATER METER LOCATION. SEE SPECIAL PROVISIONS.
- 14 FURNISH AND INSTALL RESTRAINED 8" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT. SEE PROFILE OF 8" WATER LINE ON SHEET C10.20.
- 15 STA. 26+66.02, 77.8 RT INSTALL STANDARD BLOW-OFF ASSEMBLY. SEE STANDARD DRAWING No. 506
- 16 STA. 26+669.71, 0.9' RT FURNISH AND INSTALL: 12" MJ X 8" FLG TEE 12" FLG X MJ BUTTERFLY VALVE (W) 8" GV, MJ X FLG (S)
- 17 STA. 0+9.47 TO 0+12.47. INSTALL 22.5" VERTICAL BENDS TO TRANSITION NEW 8" WATER LINE UNDER EXISTING 12" WATER AND PROPOSED 10" STORM DRAIN. SEE PROFILE ON SHEET C10.20.
- 18 STA. 0+40.00 TO 0+43.00. INSTALL 45" VERTICAL BENDS TO TRANSITION NEW 8" WATER LINE UNDER EXISTING 12" WATER AND PROPOSED 10" STORM DRAIN. SEE PROFILE ON SHEET C10.20.

ABANDON EXISTING 2" CI AND 4" CIP WATERLINE ALONG MONTGOMERY (NOT SHOWN) BY REMOVING 6"x4" TEE IN 1ST. AVENUE. AFTER REMOVING TEE, INSTALL 8" PLAIN END DI SPOOL AND CONNECT TO EX. 8" CIP WATER LINE WITH TRANSITION COUPLERS.

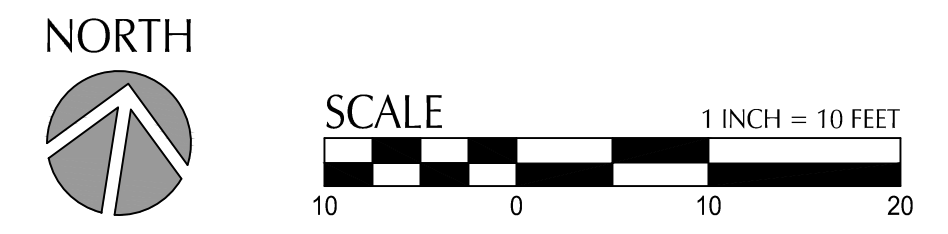
SEE SHEET C10.20 FOR PROFILE OF 8" WATER LINE ALONG NW MONTGOMERY STREET.

SHEET LEGEND

	RIGHT-OF-WAY LINE
	ROAD AND RAIL CENTER LINE
	WATER AVENUE CENTER LINE
	ABANDON EXISTING WATER LINE
	REMOVE EXISTING WATER LINE



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'



DESIGNED BY	DATE	REVISION	DESCRIPTION
CK/MM/TK			
DRAWN BY			
JRC/KY			
CHECKED BY			
FM/MK/CV			
DATE APP'D.			

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 503-228-3122

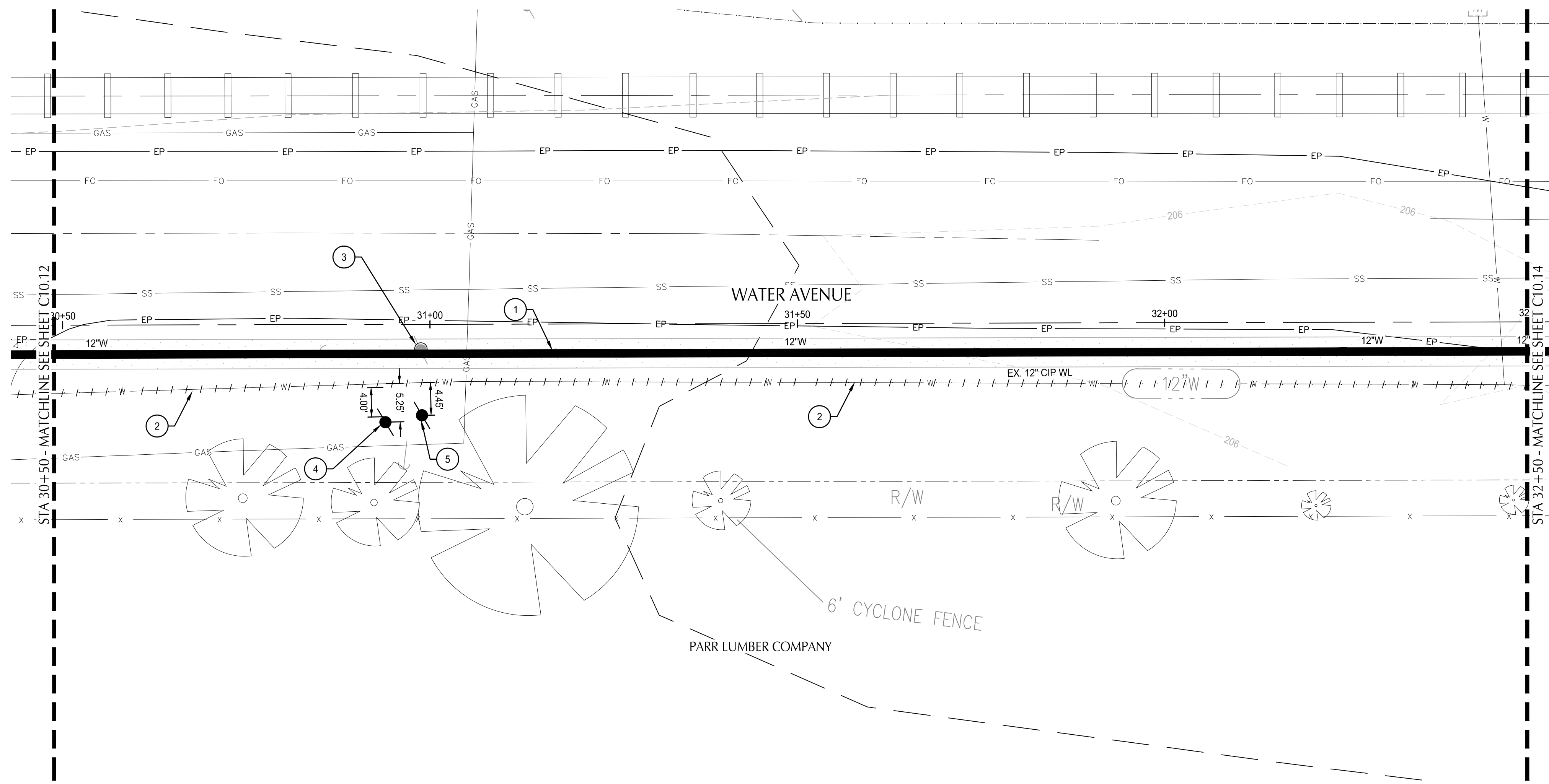
REGISTERED PROFESSIONAL ENGINEER
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 OREGON
 JUL 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA 26+50 TO STA 28+50

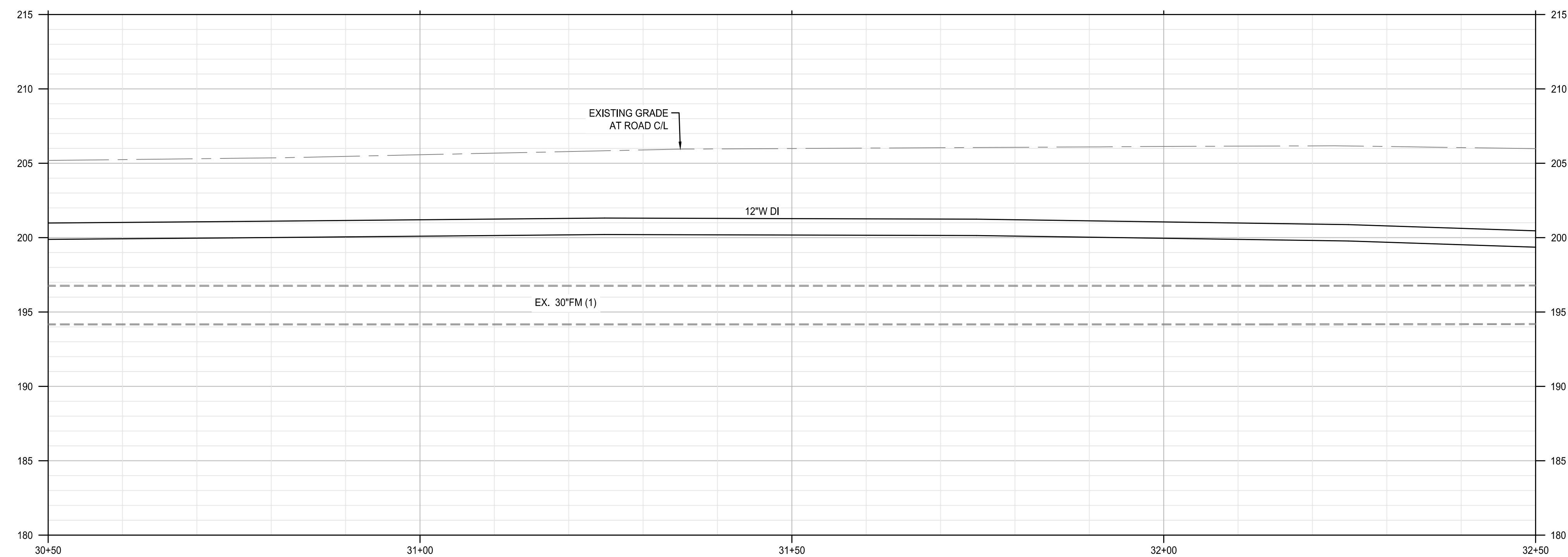
SHEET NO.
C10.11

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/10/22 at 10:55am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

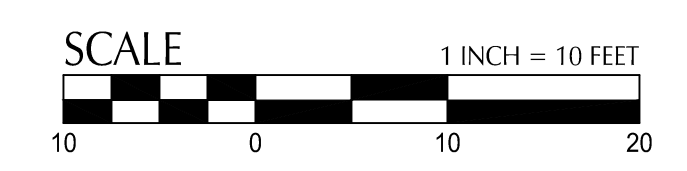
1. WATER LINE STATIONS AND PROFILE ARE BASED ON ALIGNMENT AT THE CENTER LINE OF WATER AVENUE.
2. ALL ITEMS THIS SHEET TO BE PAID FOR UNDER SCHEDULE B.
3. WATER MAIN CONSTRUCTION SHALL BE CONSTRUCTED IN 2 PHASES. PHASE 1 WILL INCLUDE JACKSON STREET TO LYON STREET, WHICH SHALL BE CONSTRUCTED EAST TO WEST. PHASE 2 WILL INCLUDE JACKSON STREET TO LAFAYETTE STREET, WHICH SHALL BE CONSTRUCTED WEST TO EAST AFTER ACCEPTANCE OF PHASE 1. SEE SHEET C10.14 FOR CONSTRUCTION SEQUENCING DETAILS.
4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

(X) KEYNOTES

1. FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASUREMENT
2. AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
3. EXISTING UTILITY POLE TO BE RELOCATED. REMOVE AFTER TEMPORARY UTILITY POLE IS INSTALLED (BY PACIFIC POWER). COORDINATE WITH UTILITY COMPANY. SEE KEYNOTE 4.
4. INSTALL TEMPORARY UTILITY POLE, AND REMOVE AFTER PERMANENT UTILITY POLE IS INSTALLED (BY PACIFIC POWER).
5. INSTALL PERMANENT UTILITY POLE (BY PACIFIC POWER) AFTER NEW WATER LINE IS IN SERVICE. REMOVE PORTION OF ABANDON WATER LINE IF NEEDED.

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- ABANDON EXISTING WATER LINE
- REMOVE EXISTING WATER LINE



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/TK	CHECKED BY FM/MK/CV
DRAWN BY JRC/KY	DATE APD.

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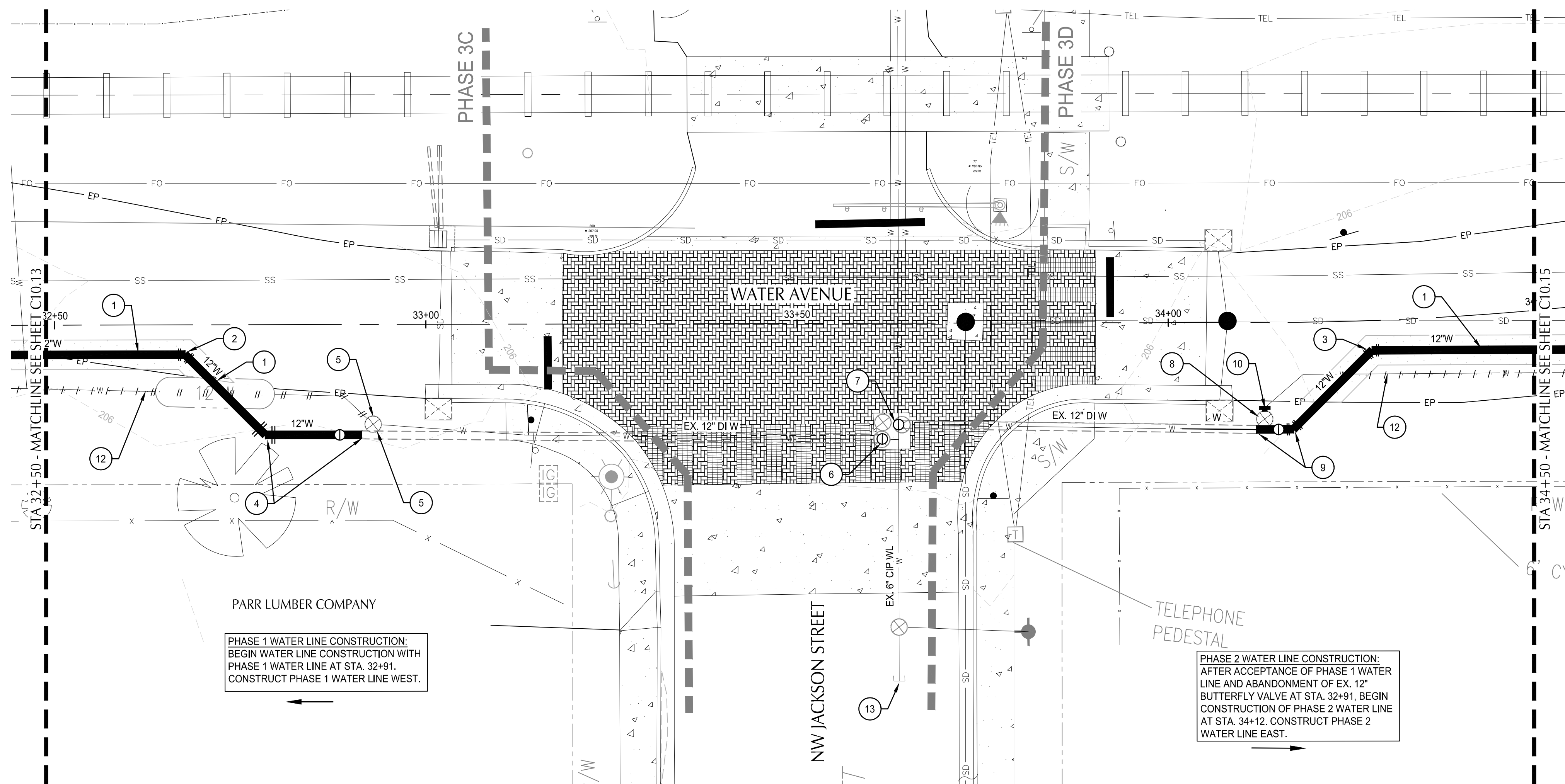
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
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REGISTERED PROFESSIONAL ENGINEER
 56481
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 OREGON
 JUL 19 2020
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

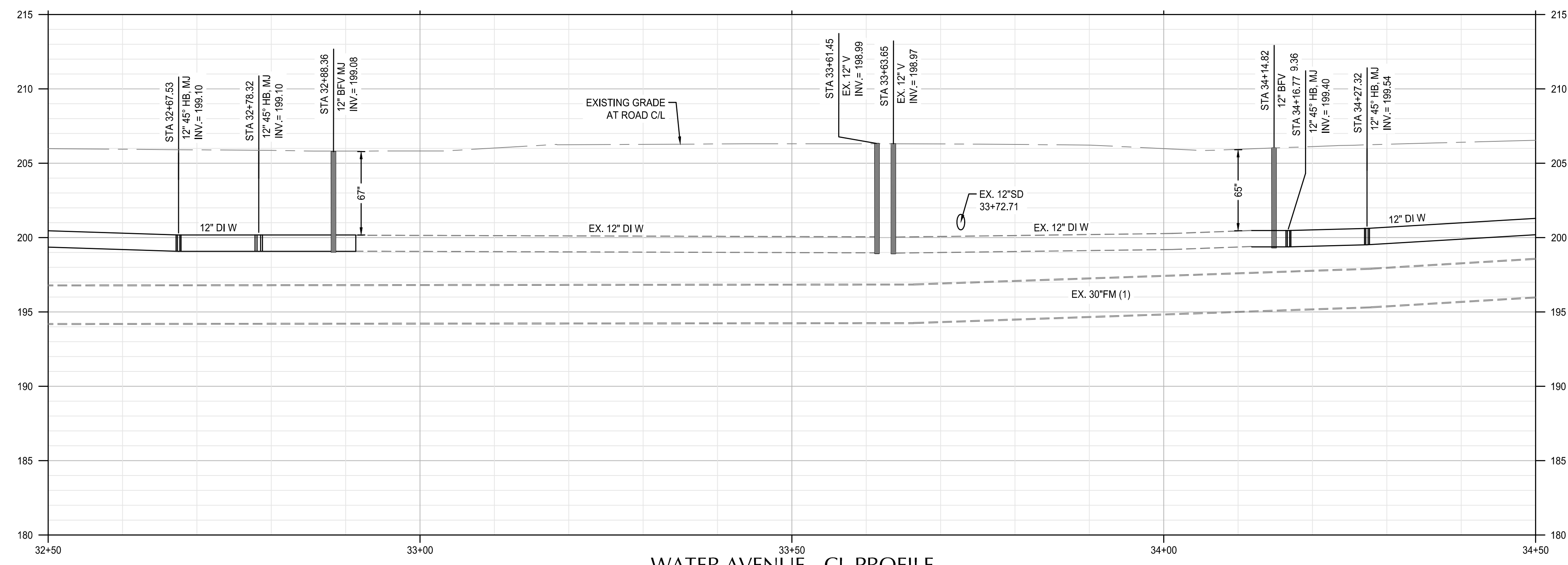
ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA
 30+50 TO STA 32+50

SHEET NO.
C10.13

PHASE 1 BID SET - 03/14/2022



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

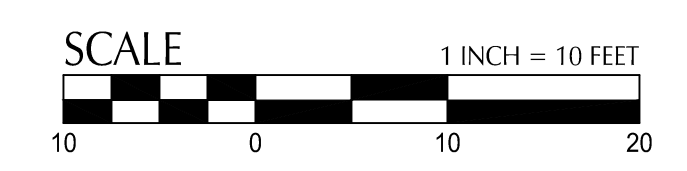
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4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

KEYNOTES

1. FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT
2. STA. 32+67.53, 4.0' RT INSTALL 12" 45" HB, MJ
3. STA. 34+27.32, 4.0' RT INSTALL 12" 45" HB, MJ
4. BEGIN CONSTRUCTION OF PHASE 1 WATER LINE BY REMOVING EXISTING 12" MJ PLUG ON EXISTING 12" X 12" DI TEE (W). INSTALL 3' LONG PLAIN END SPOOL OF 12" DI WATER LINE AND 12" MJ BUTTERFLY VALVE (W). DISINFECT ALL PIPE AND FITTINGS CONNECTED TO EXISTING TEE. INSTALL 12" 45 DEGREE MJ BENDS AND PLAIN END SPOOLS TO TRANSITION TO MAINLINE ALIGNMENT. KEEP NEW 12" BUTTERFLY VALVE CLOSED UNTIL MAINLINE IS CONSTRUCTED AND READY FOR FLUSHING AND TESTING PROCEDURES.
5. AFTER ACCEPTANCE OF PHASE 1 WATER LINE, REMOVE EXISTING 12" BUTTERFLY VALVE ON EXISTING TEE (N) AND INSTALL 12" DI BLIND FLANGE.
6. STA. 33+61.45, 15.6' RT EX. 12" V
7. STA. 33+63.65, 13.7' RT EX. 12" V
8. AFTER ACCEPTANCE OF PHASE 2 WATER LINE, REMOVE EXISTING 12" BUTTERFLY VALVE ON EXISTING TEE (N) AND INSTALL 12" DI BLIND FLANGE.
9. AFTER ACCEPTANCE OF PHASE 1 WATER LINE, REMOVE EXISTING 12" MJ PLUG ON EXISTING 12" X 12" DI TEE (E). INSTALL 3' LONG PLAIN END SPOOL OF 12" DI WATER LINE AND 12" MJ BUTTERFLY VALVE (E). DISINFECT ALL PIPE AND FITTINGS CONNECTED TO EXISTING TEE. INSTALL 12" 45 DEGREE MJ BENDS AND PLAIN END SPOOLS TO TRANSITION TO MAINLINE ALIGNMENT. KEEP NEW 12" BUTTERFLY VALVE CLOSED UNTIL MAINLINE IS CONSTRUCTED AND READY FOR FLUSHING AND TESTING PROCEDURES.
10. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 12" BUTTERFLY VALVE ON EXISTING TEE (N) AND INSTALL 12" DI BLIND FLANGE.
11. PROTECT EXISTING FIRE HYDRANT
12. AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
13. EXISTING DEAD END WATER LINE

SHEET LEGEND

- RIGHT-OF-WAY LINE
- - - ROAD AND RAIL CENTER LINE
- - - WATER AVENUE CENTER LINE
- - - ABANDON EXISTING WATER LINE
- - - REMOVE EXISTING WATER LINE



DESIGNED BY	CK/AM/TK	DATE	REVISION	DESCRIPTION
DRAWN BY	JRC/KY			
CHECKED BY	FM/MK/CV			
DATE APP'D.				



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 O: 541.684.4902
 F: 541.684.4909
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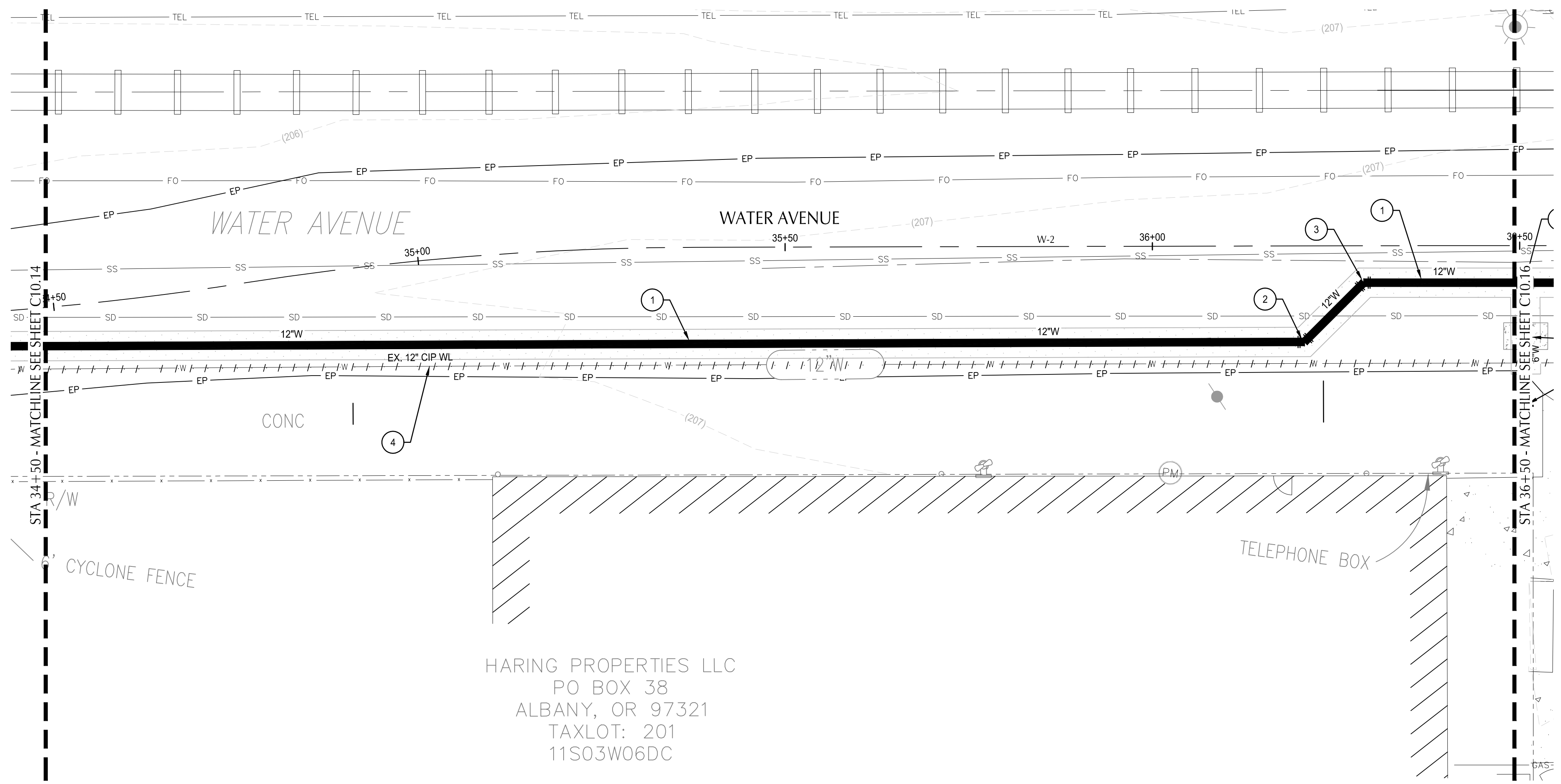
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 503-228-3122



ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA
 32+50 TO STA 34+50

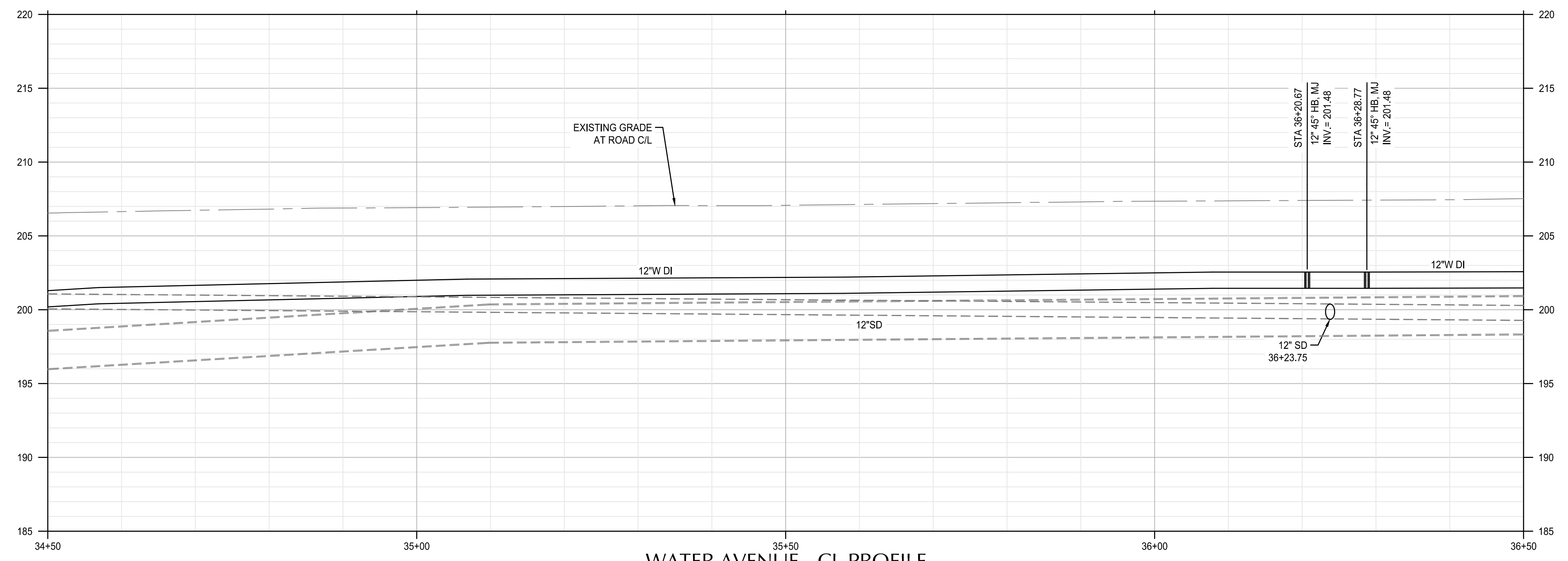
SHEET NO.
C10.14

File: O:\p\2019\1900193-Albany-Waterfront\CAD\LOT\WATER\0193-03-WT-P&P.dwg TAB: C10.15
 Plotted: 3/10/22 at 10:56am By: WMorris



HARING PROPERTIES LLC
 PO BOX 38
 ALBANY, OR 97321
 TAXLOT: 201
 11S03W06DC

WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

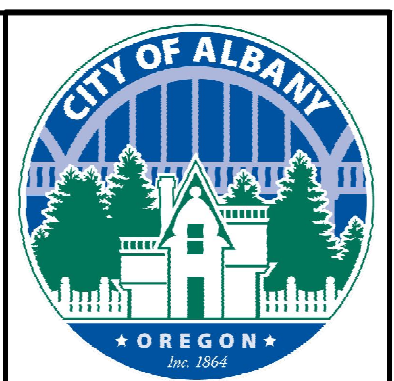
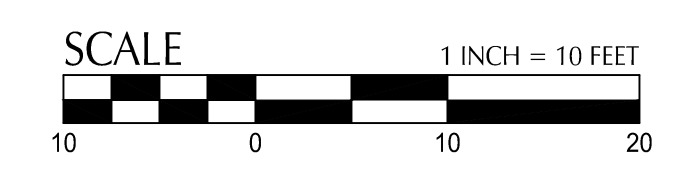
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4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

KEYNOTES

- 1 FURNISH AND INSTALL:
RESTRAINED 12" CLASS 52 DI PIPE WITH
POLYETHYLENE ENCASEMENT
- 2 STA 36+20.67, 13.1' RT
FURNISH AND INSTALL:
(1) 12" 45" DI, MJ
- 3 STA 36+28.77, 5.0' RT
FURNISH AND INSTALL:
(1) 12" 45" DI, MJ
- 4 AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX
12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL
PROVISIONS.

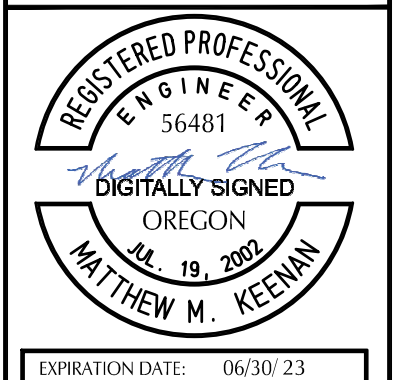
SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- ABANDON EXISTING WATER LINE
- REMOVE EXISTING WATER LINE



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/TK	DATE APP'D.
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CHECKED BY FM/MK/CV	

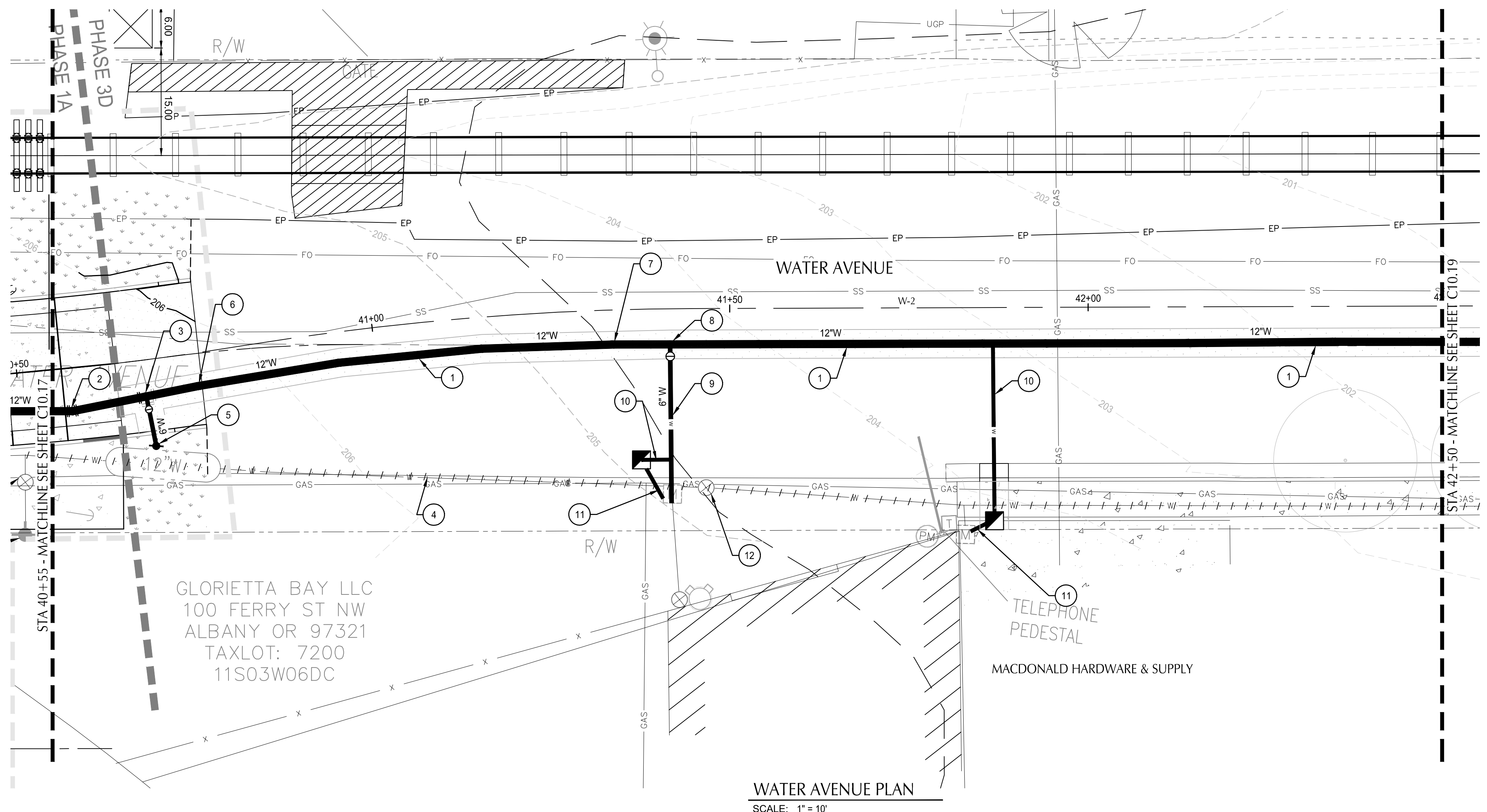


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA
 34+50 TO STA 36+50

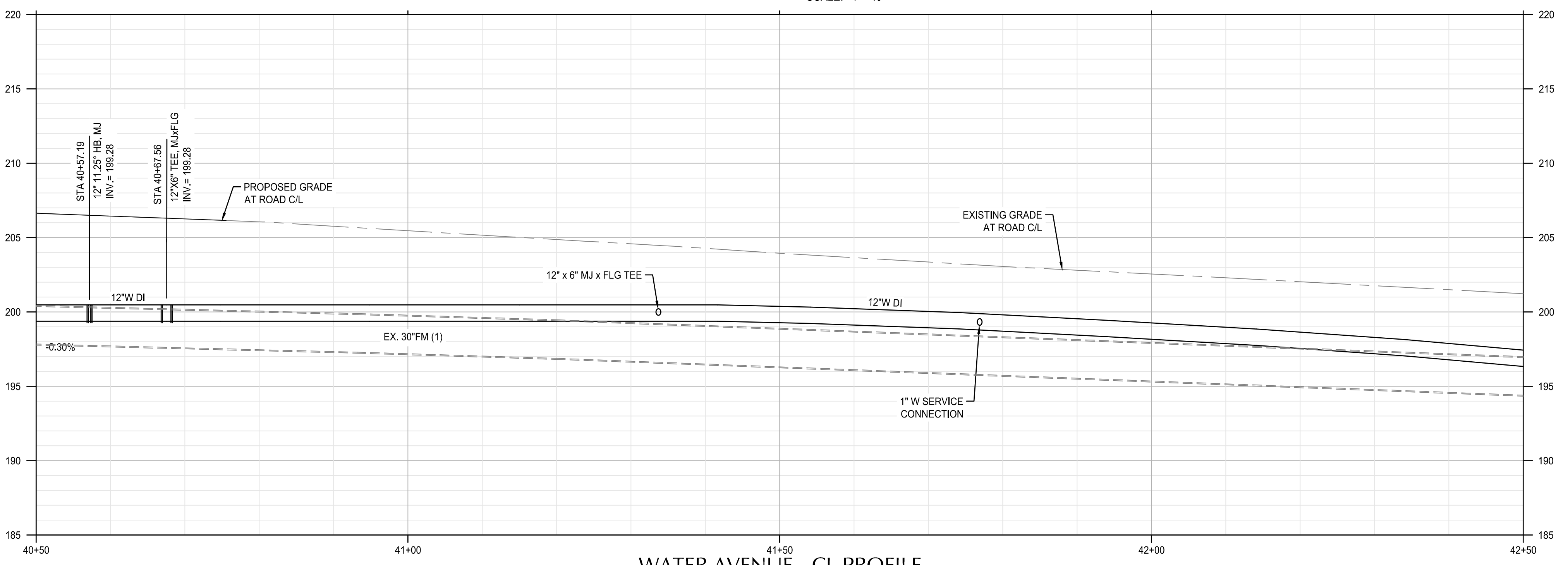
SHEET NO.
C10.15

PHASE 1 BID SET - 03/14/2022

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 Plotted: 3/1/22 at 9:51am By: WMorris



WATER AVENUE PLAN
 SCALE: 1" = 10'



WATER AVENUE - CL PROFILE
 SCALE: HORIZ: 1" = 10'
 VERT: 1" = 5'

SHEET NOTES

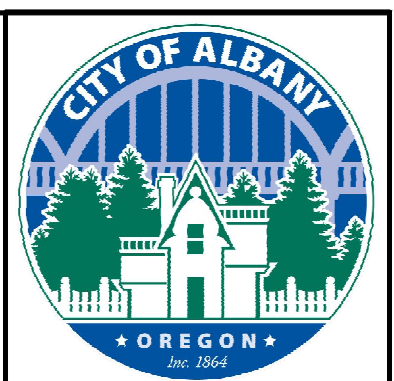
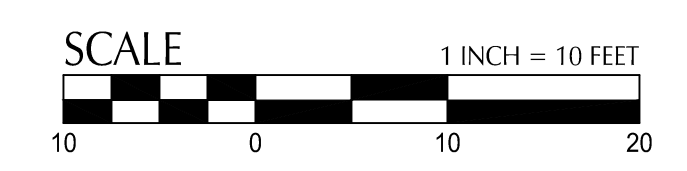
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4. INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

KEYNOTES

1. FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT
2. STA 40+57.19, 6.0' RT FURNISH AND INSTALL: (1) 12" 11.25" HB, MJ
3. STA 40+67.56, 5.1' RT FURNISH AND INSTALL: (1) 12"x6" TEE, MxFLG (1) 6" GV, MxFLG (S)
4. AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EX 12" AC WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.
5. STA 40+68.05, 12.1' RT FURNISH AND INSTALL: FIRE HYDRANT ASSEMBLY SEE STANDARD DRAWING NO. 504.
6. STA 40+74.76, 4.8' RT DEFLECT 12" DI PIPE
7. STA 41+33.63, 4.8' RT DEFLECT 12" DI PIPE
8. STA 41+33.10, 5.0' RT FURNISH AND INSTALL: (1) 12"x6" TEE, MxFLG (1) 6" GV, MxFLG
9. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 12" X 6" TEE AND MAKE CONNECTION BETWEEN NEW 6" DI WATER LINE AND EXISTING 6" WATER LINE. SEE STANDARD DRAWING NO. 511, DETAIL B.
10. CONSTRUCT STANDARD 1" COPPER SERVICE ASSEMBLY. SEE STANDARD DRAWING No. 507 AND SPECIAL PROVISIONS.
11. REMOVE EXISTING WATER METER AND LEAVE ON SITE TO BE COLLECTED BY THE ENGINEER. EXTEND PRIVATE 1" WATER SERVICE TO NEW WATER METER LOCATION. SEE SPECIAL PROVISIONS.
12. REMOVE ABANDONED VALVE BOX

SHEET LEGEND

- RIGHT-OF-WAY LINE
- ROAD AND RAIL CENTER LINE
- WATER AVENUE CENTER LINE
- - - - - ABANDON EXISTING WATER LINE
- REMOVE EXISTING WATER LINE



DESIGNED BY	CK/AM/TK	DESCRIPTION
DRAWN BY	JRC/KY	
CHECKED BY	FM/MK/CV	
DATE APPD.		
REVISION		

kpff

800 Willamette Street, Suite 400
 Eugene, OR 97401
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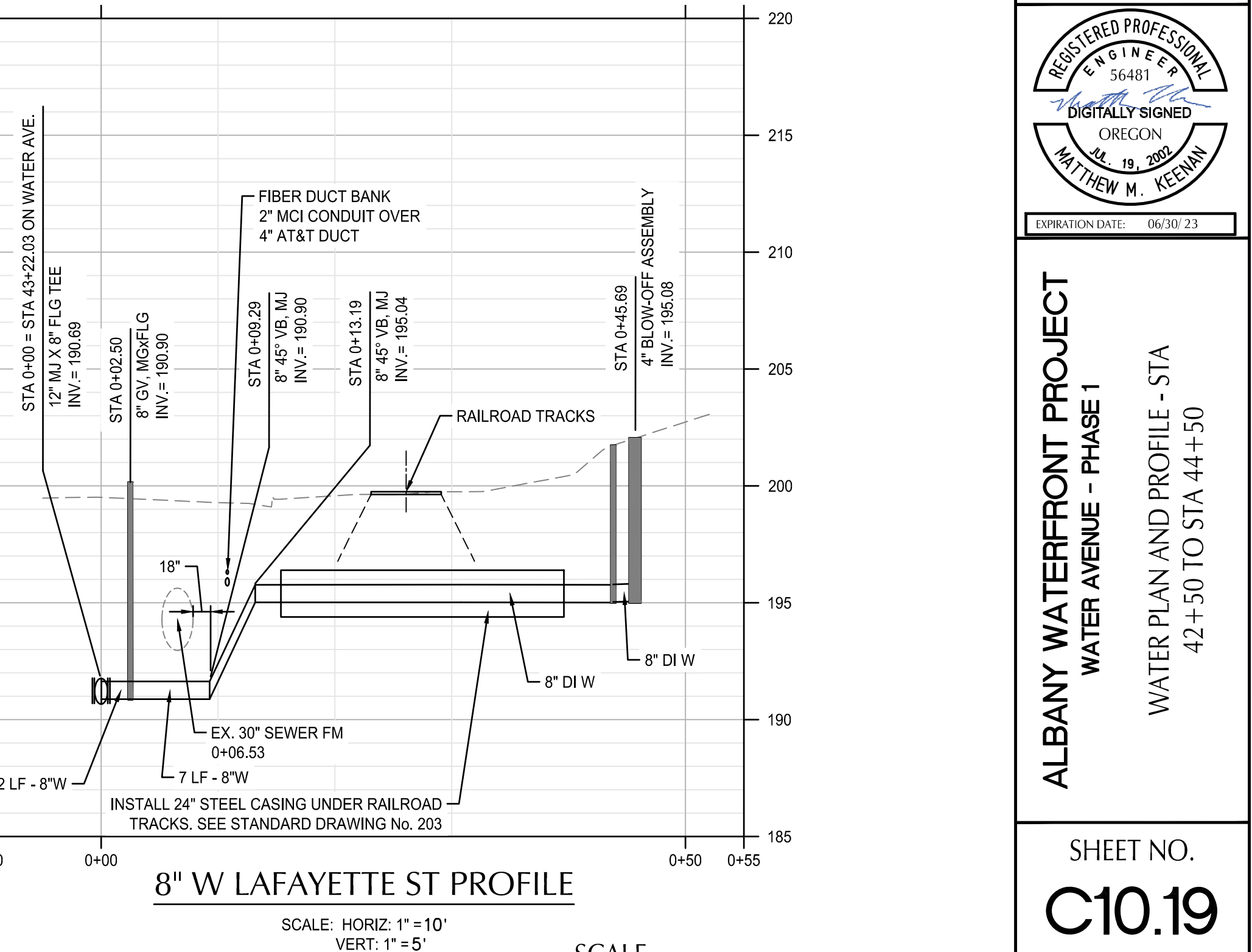
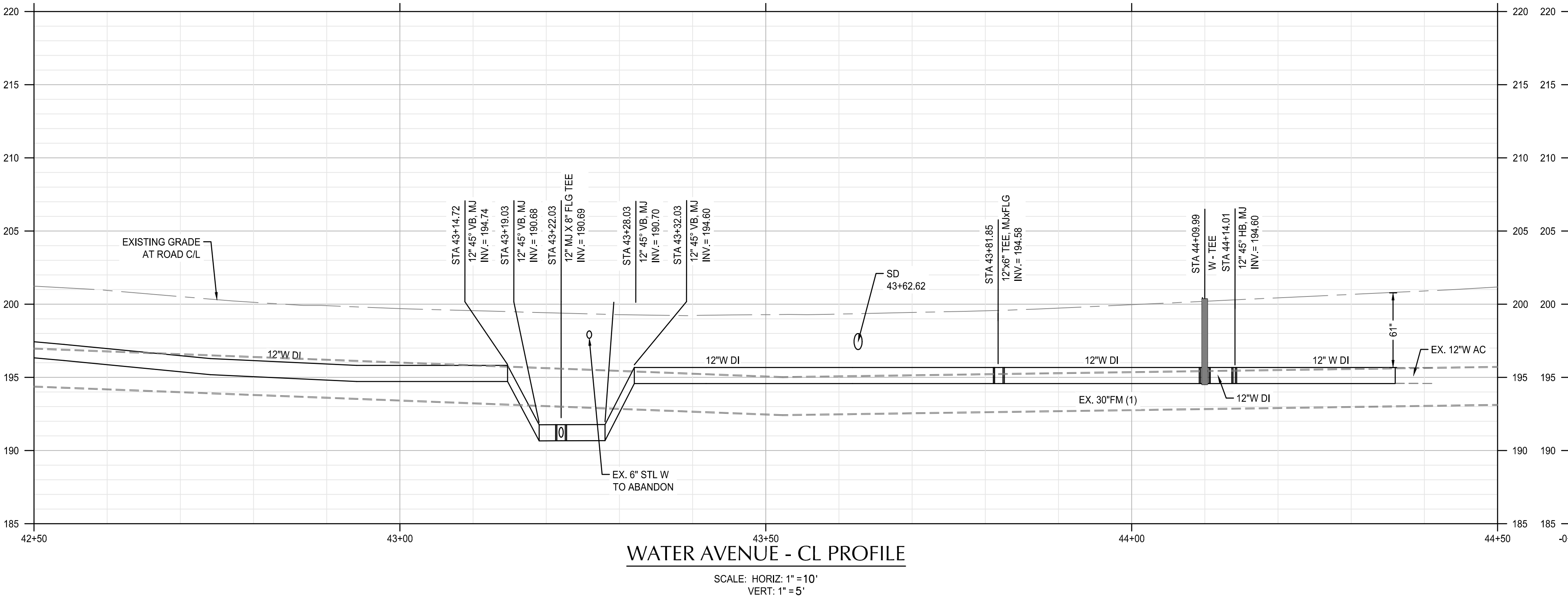
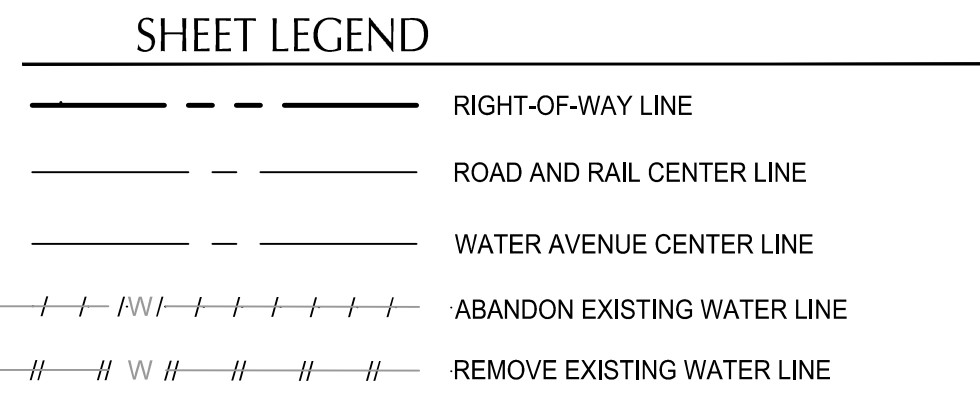
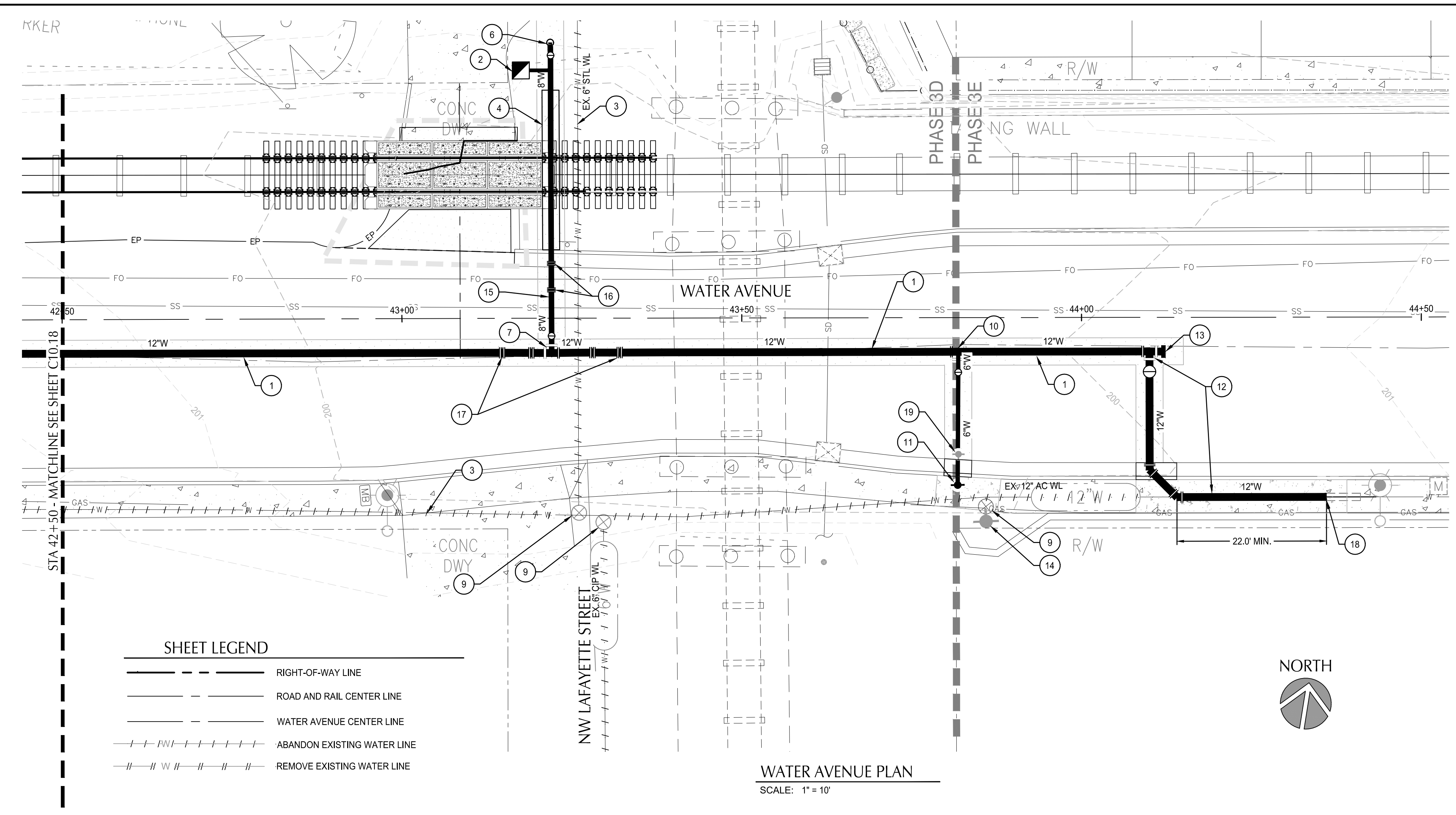
REGISTERED PROFESSIONAL ENGINEER
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 JUL 19 2009
 MATTHEW M. KEENAN
 EXPIRATION DATE: 06/30/23

ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA 40+50 TO STA 42+50

SHEET NO.
C10.18

PHASE 1 BID SET - 03/14/2022

File: O:\p\2019\1900193-Albany-Waterfront\CAD\LOT\WATER\0193-03-WT-P&P.dwg TAB: C10.19
 Plotted: 3/11/22 at 9:51am By: WMorris

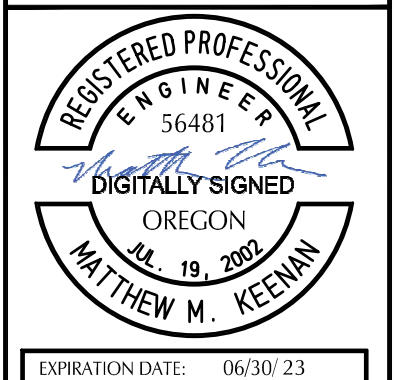


- SHEET NOTES**
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 - INSTALL 32# SACRIFICIAL ANODE ON ALL FLANGE FITTINGS. SEE DETAIL 1 ON SHEET C10.20.

- KEYNOTES**
- FURNISH AND INSTALL: RESTRAINED 12" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT
 - STA 43+22.03, 5.1' RT 1" W SERVICE CONNECTION CONSTRUCT STANDARD 1" COPPER SERVICE ASSEMBLY. SEE STANDARD DRAWING No. 507 AND SPECIAL PROVISIONS.
 - AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON 12" DI AND 6" DI WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS
 - INSTALL 24" STEEL CASING UNDER RAILROAD TRACKS. SEE STANDARD DRAWING No. 203. COORDINATE CASING AND WATER LINE INSTALLATION WITH BNSF AND PWRR. THIS WORK MAY NEED TO TAKE PLACE ON A SATURDAY.
 - ABANDON IN PLACE APPROX. 180 LF OF EXISTING 12" WATER LINE.
 - STA. 43+21.87, 40.6 LT = STA. 0+45.69 - LAFAYETTE STREET INSTALL 4" BLOW-OFF ASSEMBLY. SEE STANDARD DRAWING No. 506.
 - STA. 43+22.03, 5.1' RT INSTALL 8" FLG X MJ GATE VALVE (N)
 - COORDINATE ABANDONMENT OF 6" WL WITH 1ST AVE WATER LINE CONTRACTOR.
 - REMOVE ABANDONED VALVE BOX
 - STA 43+81.85, 5.0' RT FURNISH AND INSTALL: (1) 12"x6" TEE, MJXFLG (1) 6" GV, MJXFLG (S)
 - STA 43+81.87, 20.1' RT, FURNISH AND INSTALL: TEMPORARY FIRE HYDRANT ASSEMBLY. THIS FIRE HYDRANT WILL BE RELOCATED TO A PERMANENT POSITION UNDER PHASE 3A OF ALBANY WATERFRONT PROJECT. SEE STANDARD DRAWING No. 504.
 - AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 12" X 12" STANDARD CONNECTION ASSEMBLY. SEE STANDARD DRAWING No. 511, DETAIL B. DISINFECT ALL PIPE AND FITTINGS SOUTH OF NEW 12" BUTTERFLY VALVE.
 - INSTALL TEMPORARY 4" BLOW OFF ASSEMBLY TO BE REMOVED AFTER ACCEPTANCE OF NEW WATER LINE
 - REMOVE EX. FH AND LEAVE ON SITE TO BE RECLAIMED BY CITY CREWS.
 - FURNISH AND INSTALL: RESTRAINED 8" CLASS 52 DI PIPE WITH POLYETHYLENE ENCASEMENT
 - STA. 0+9.29 TO 0+13.19 - INSTALL 8" - 45° VERTICAL BENDS TO TRANSITION NEW 8" WATER LINE UNDER EXISTING 30" SEWER FORCE MAIN
 - STA. 43+14.72 TO 43+32.03 - INSTALL 12" - 45° VERTICAL BENDS TO TRANSITION NEW 8" WATER LINE UNDER EXISTING 30" SEWER FORCE MAIN CONNECT OT EXISTING 12" AC WATER PIPE
 - STA. 44+36.01, 26.5' RT CONNECT OT EXISTING 12" AC WATER PIPE
 - STA. 43+81.87, 15.6' RT - FUTURE LOCATION OF FIRE HYDRANT. THE TEMPORARY FIRE HYDRANT WILL BE RELOCATED UNDER PHASE 3A OF ALBANY WATERFRONT PROJECT.



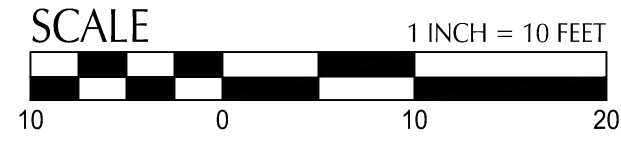
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DRAWN BY	JRC/KY <td></td>	
CHECKED BY	FM/MK/CV <td></td>	
DATE APPD.		
		REVISION
		DATE



ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATER PLAN AND PROFILE - STA 42+50 TO STA 44+50

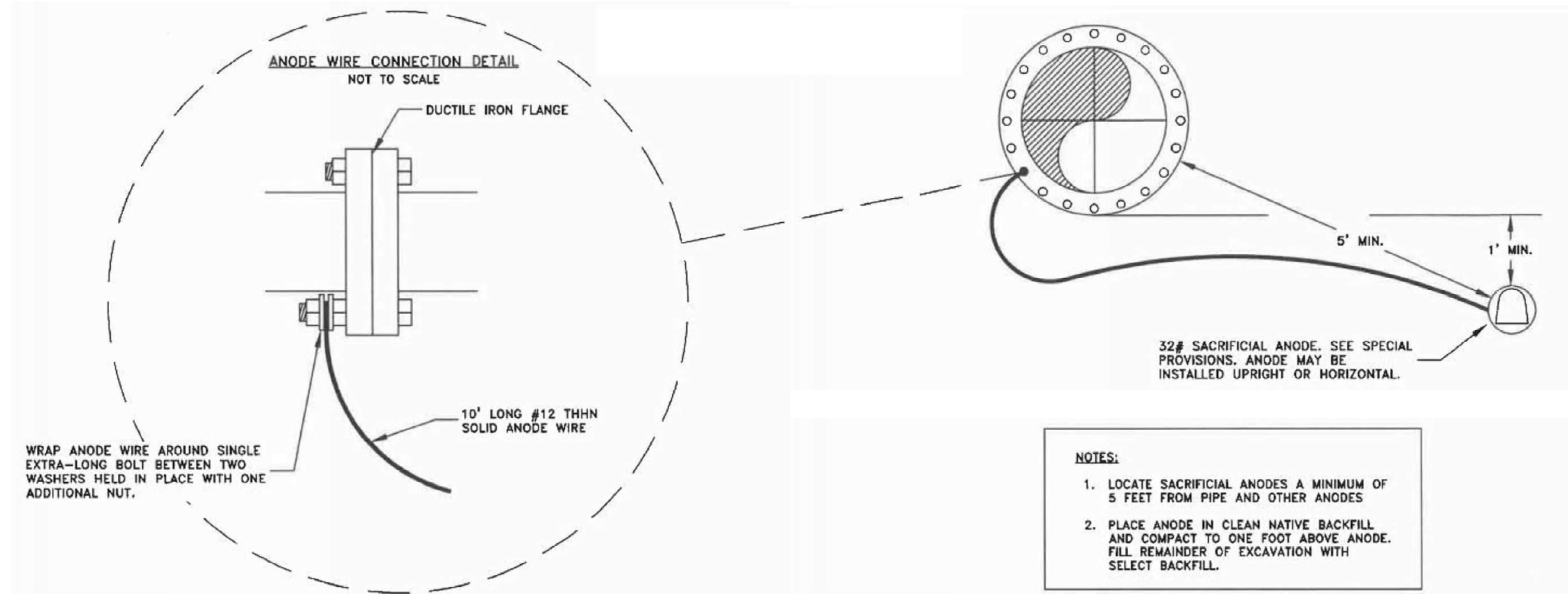
SHEET NO.
C10.19

SEE ADDENDUM #1 FOR CHANGES TO THIS DOCUMENT



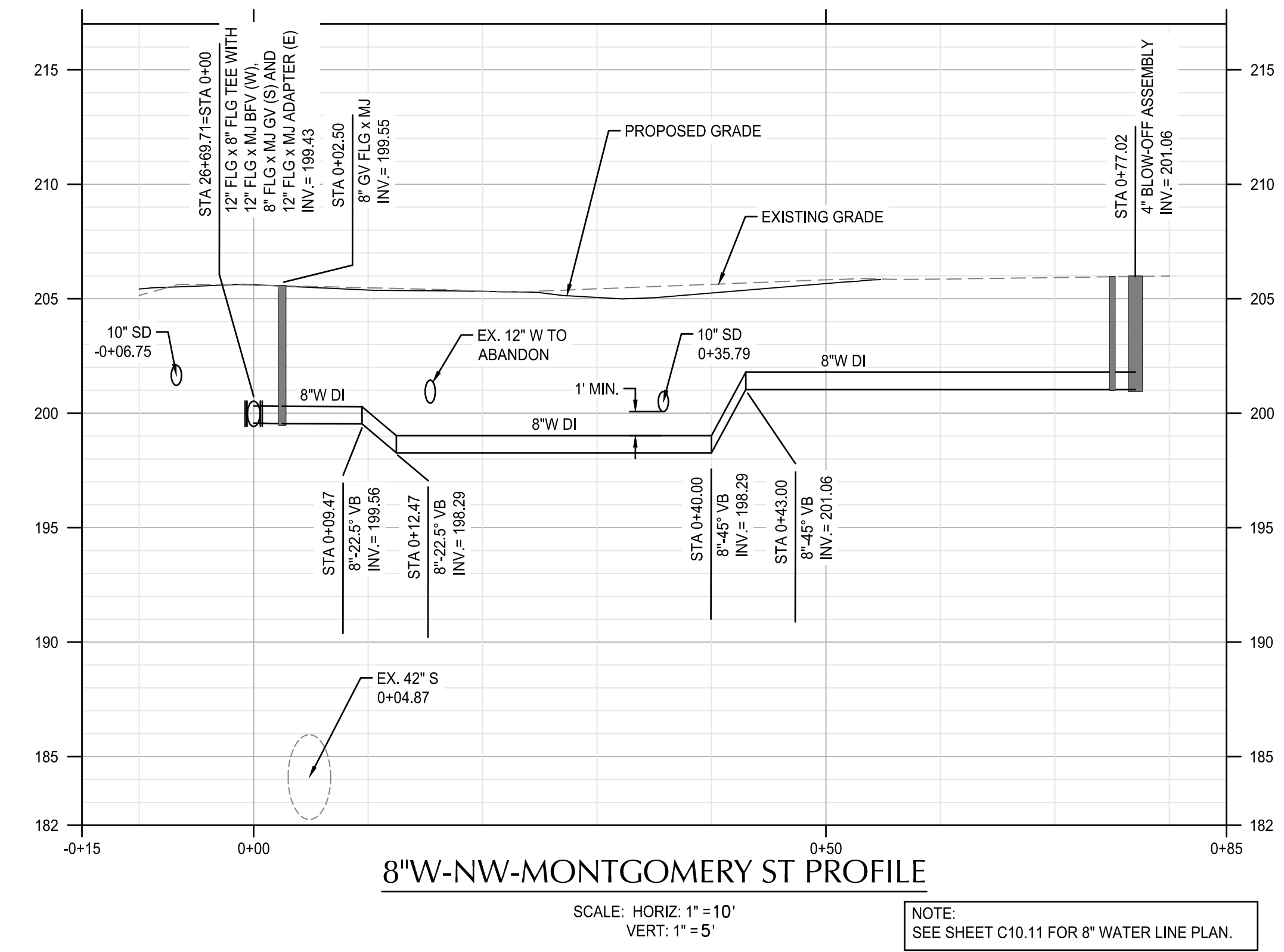
PHASE 1 BID SET - 03/14/2022

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DETAIL 1
 DUCTILE IRON FLANGED FITTING
 ANODE CONNECTION DETAIL

SCALE: NTS

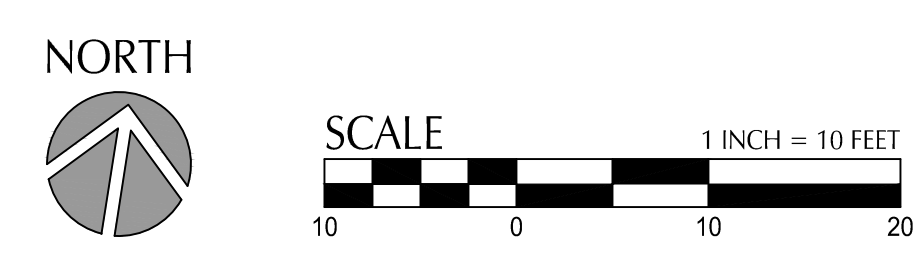


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DRAWN BY	JRC/KY			
CHECKED BY	FM/MK/CV			
DATE APPD.				

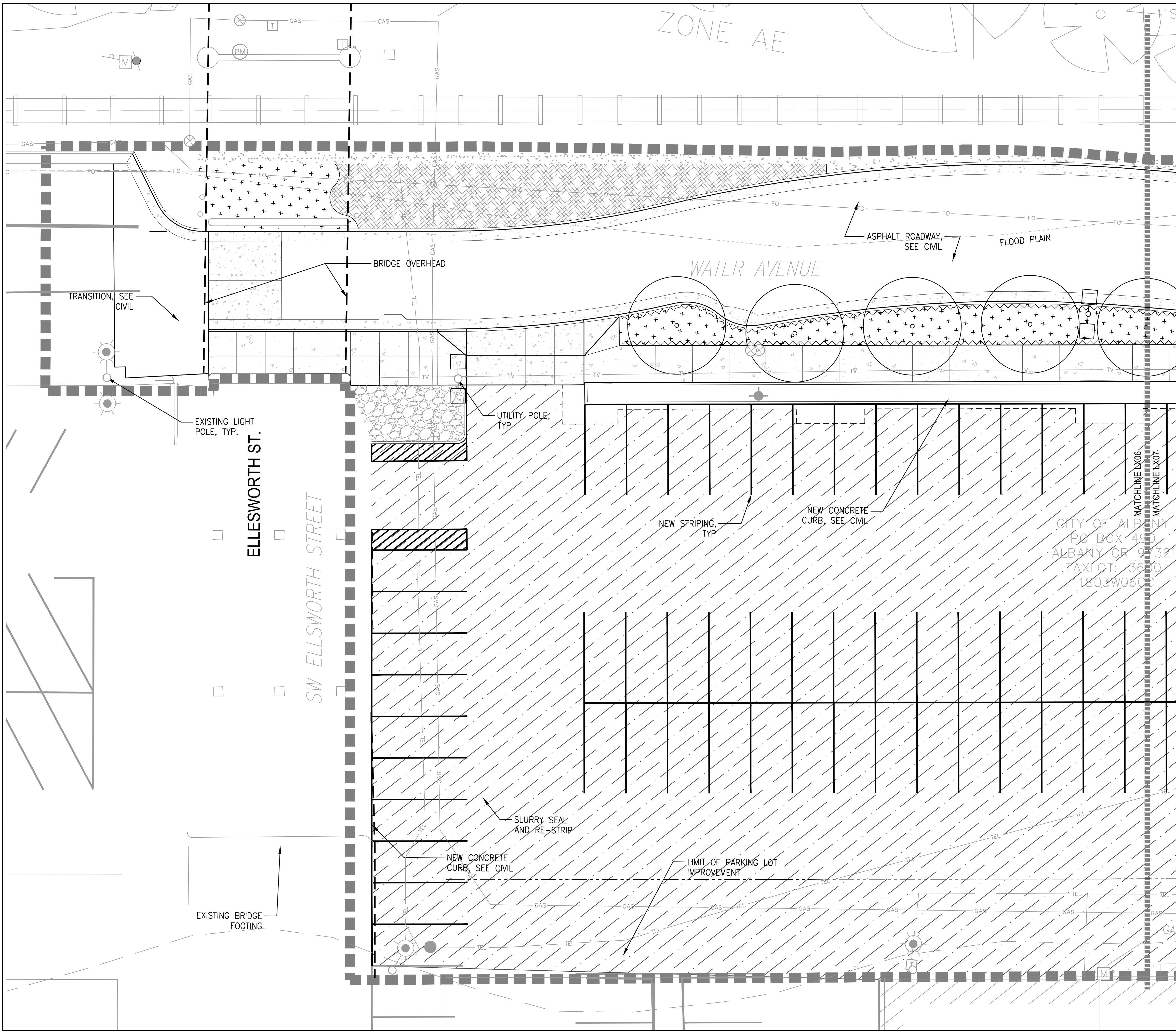


ALBANY WATERFRONT PROJECT
 WATER AVENUE - PHASE 1
 WATERLINE CONSTRUCTION
 DETAILS

SHEET NO.
C10.20



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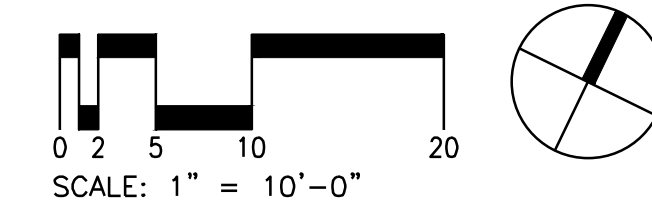


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- ROOT BARRIER (5 L5.01)
- RAILROAD TRACK
- CONCRETE UNIT PAVERS (4 L4.01)
- SLURRY SEAL ASPHALT
- PEDESTRIAN CONCRETE PAVING, SEE CIVIL
- VEHICULAR CONCRETE PAVING, SEE CIVIL
- DETECTABLE WARNING TILES (7.8 L4.01)
- PLANTING AREA, SEE L3.00 SERIES
- STORMWATER PLANTING, SEE L3.00 SERIES
- WOOD MULCH (4 L5.01)
- SEEDED LAWN
- AGGREGATE BASE SURFACE - SEE CIVIL
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- BOLLARD
- STREET TREES, SEE L3.00 SERIES
- EXISTING TREES

GENERAL NOTES

1. VERIFY LOCATION OF EXISTING AND PROPOSED UTILITIES PRIOR TO CONSTRUCTION.
2. INSTALL ISOLATION JOINT WHERE MORTAR SET GRANITE PAVERS OR CONCRETE PAVEMENT MEETS BUILDING, WALL, UTILITY STRUCTURE, FOOTING OR BRIDGE STRUCTURE.
3. INSTALLED DOWELLED ISOLATION JOINT WHERE MORTAR SET GRANITE PAVERS OR CONCRETE PAVEMENT MEETS BUILDING DOOR THRESHOLD, STEPS OR CURB.
4. RESTORE EXISTING LANDSCAPE DISTURBED BY CONSTRUCTION IN AREAS WHERE NEW LANDSCAPE IS NOT SHOWN.



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kpff
 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-9122

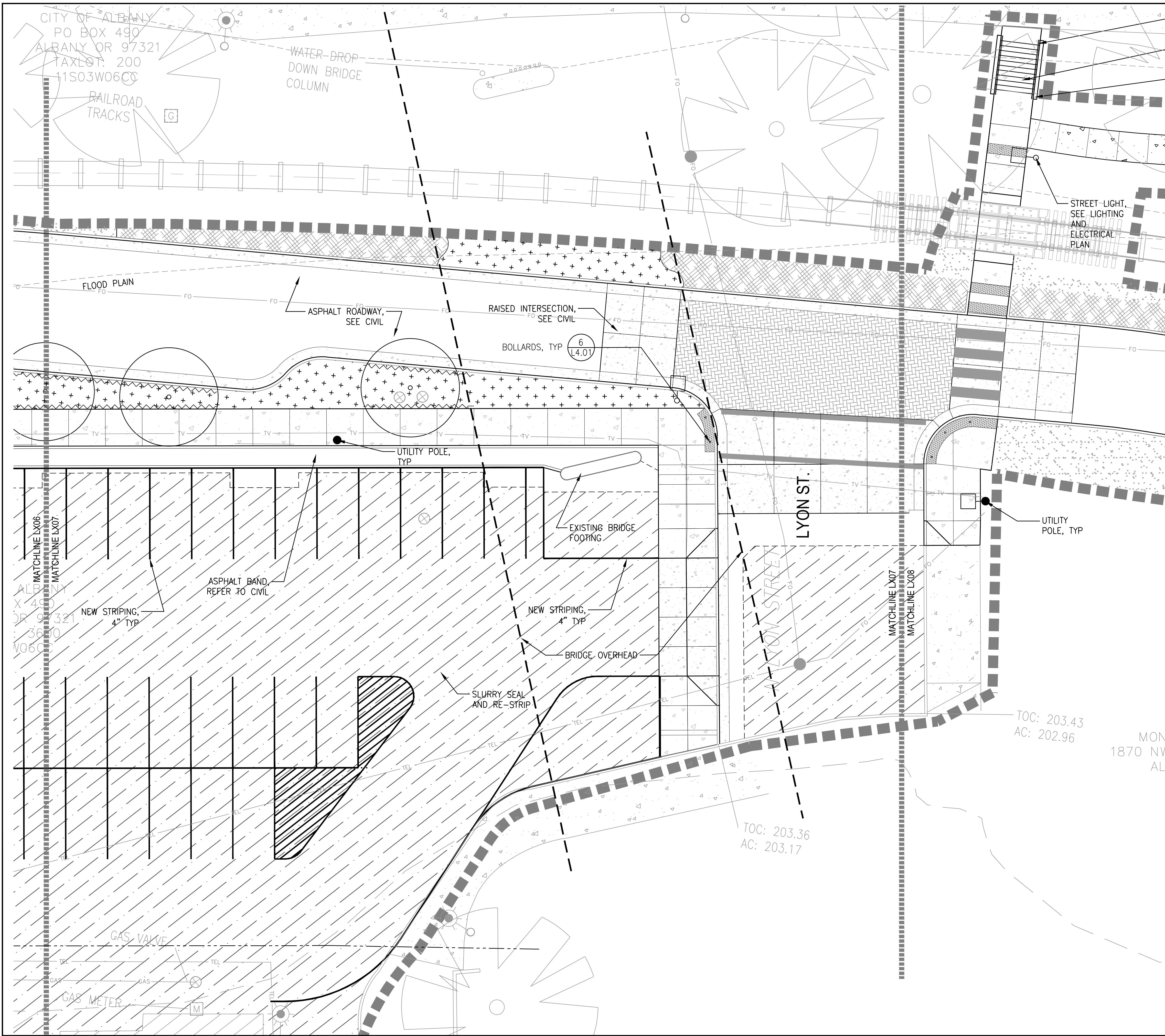
REGISTERED 586
Chelsea M. McCann
 19200
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 MATERIALS PLANS

SHEET NO.
L1.06

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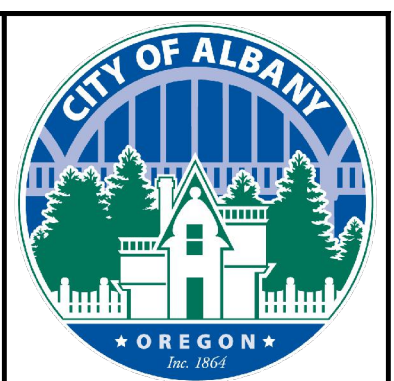
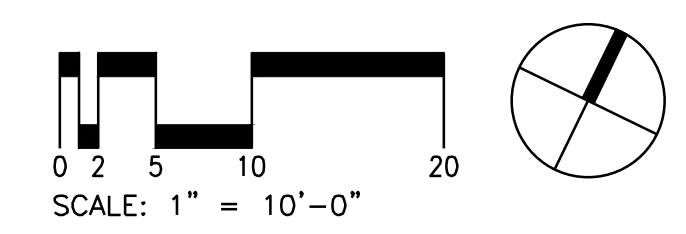


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- ROOT BARRIER
- RAILROAD TRACK
- CONCRETE UNIT PAVERS
- SLURRY SEAL ASPHALT
- PEDESTRIAN CONCRETE PAVING, SEE CIVIL
- VEHICULAR CONCRETE PAVING, SEE CIVIL
- DETECTABLE WARNING TILES
- PLANTING AREA, SEE L3.00 SERIES
- STORMWATER PLANTING, SEE L3.00 SERIES
- WOOD MULCH
- SEEDED LAWN
- AGGREGATE BASE SURFACE - SEE CIVIL
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- BOLLARD
- STREET TREES, SEE L3.00 SERIES
- EXISTING TREES

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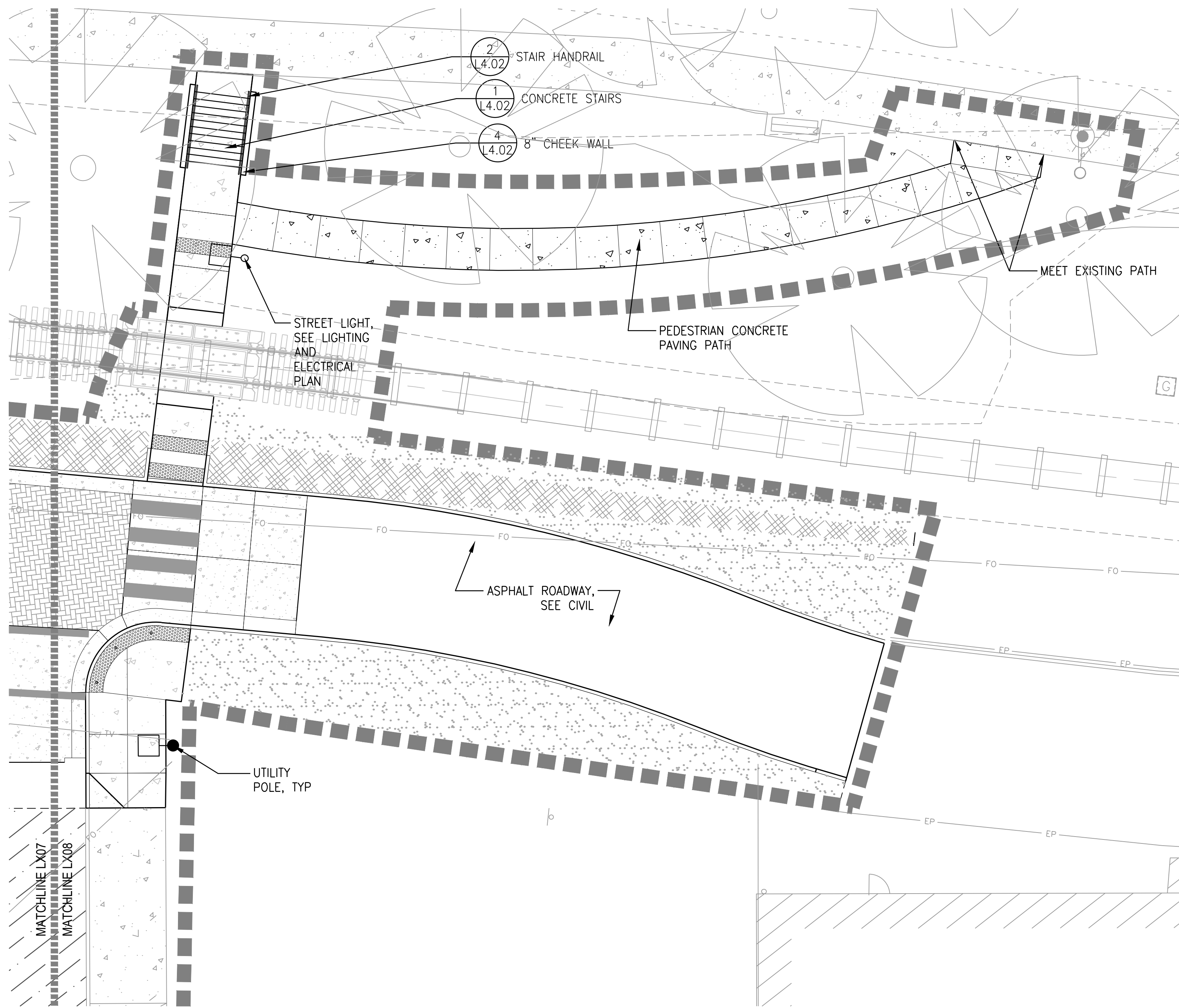
WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-9122

REGISTERED
 586
Chelsea M. McCann
 12020
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 MATERIALS PLANS

SHEET NO.
L1.07

PHASE 1 BID SET - 03/14/2022



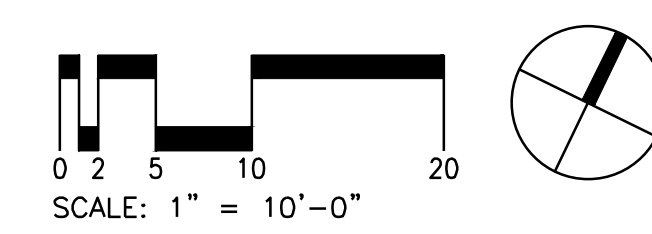
LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- 5 (L5.01) ROOT BARRIER
- RAILROAD TRACK

- 4 (L4.01) CONCRETE UNIT PAVERS
- SLURRY SEAL ASPHALT
- PEDESTRIAN CONCRETE PAVING, SEE CIVIL
- VEHICULAR CONCRETE PAVING, SEE CIVIL
- 7,8 (L4.01) DETECTABLE WARNING TILES
- PLANTING AREA, SEE L3.00 SERIES
- STORMWATER PLANTING, SEE L3.00 SERIES
- 4 (L5.01) WOOD MULCH
- SEEDED LAWN
- AGGREGATE BASE SURFACE - SEE CIVIL
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
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F: 541.684.4909
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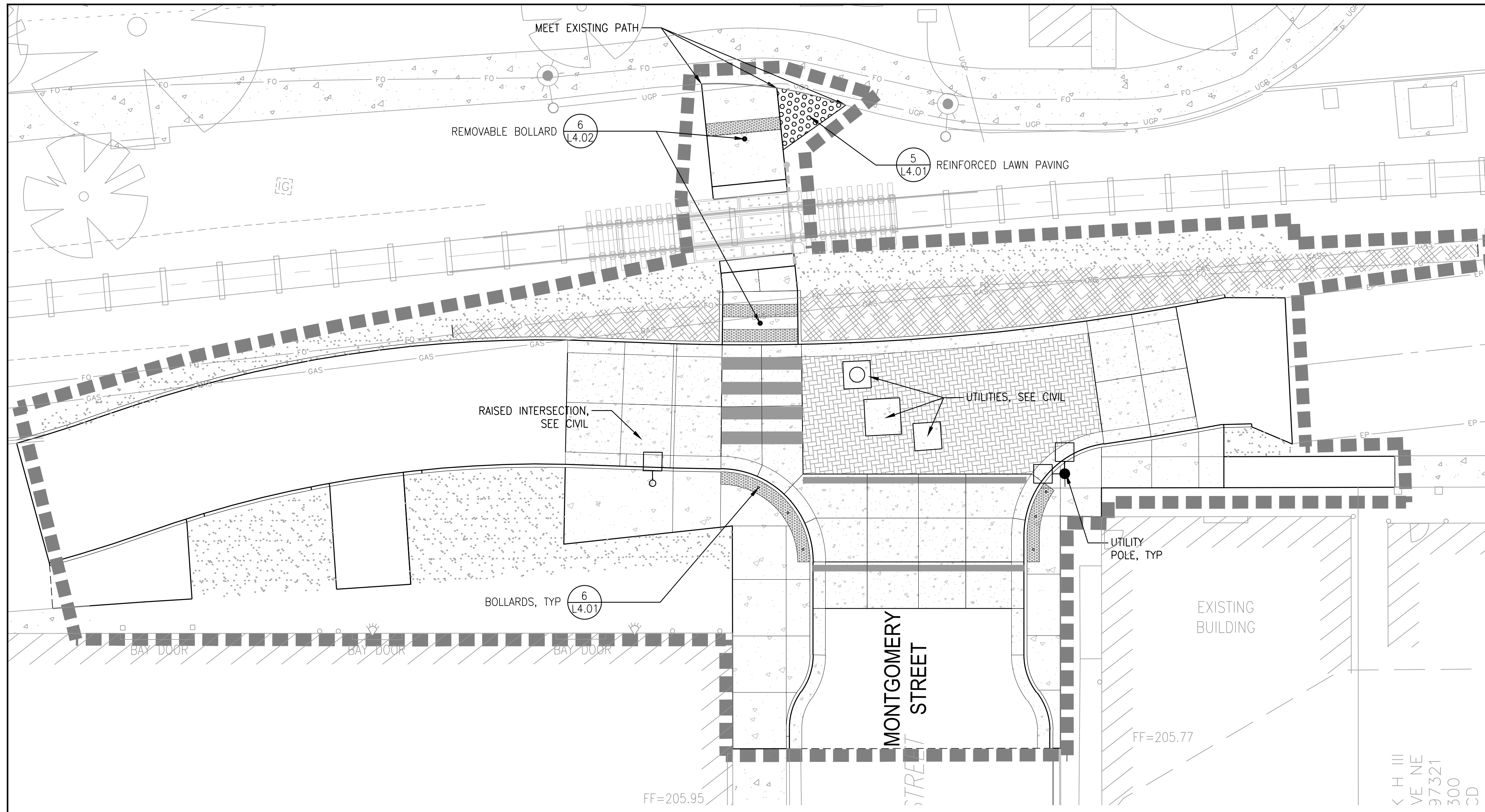
111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122

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586
Chelsea M. McCann
1978
OREGON
LANDSCAPE ARCHITECT

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MATERIALS PLANS

SHEET NO.
L1.08

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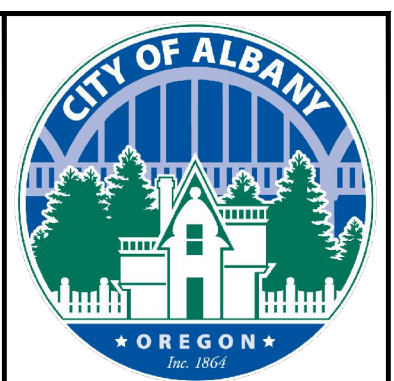
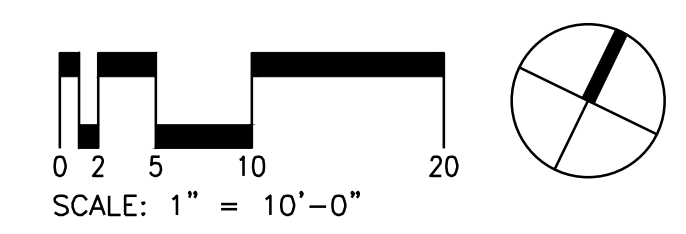
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LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- ROOT BARRIER
- RAILROAD TRACK
- CONCRETE UNIT PAVERS
- SLURRY SEAL ASPHALT
- PEDESTRIAN CONCRETE PAVING, SEE CIVIL
- VEHICULAR CONCRETE PAVING, SEE CIVIL
- DETECTABLE WARNING TILES
- PLANTING AREA, SEE L3.00 SERIES
- STORMWATER PLANTING, SEE L3.00 SERIES
- WOOD MULCH
- SEEDED LAWN
- AGGREGATE BASE SURFACE - SEE CIVIL
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- BOLLARD
- STREET TREES, SEE L3.00 SERIES
- EXISTING TREES

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 www.kpff.com

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 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

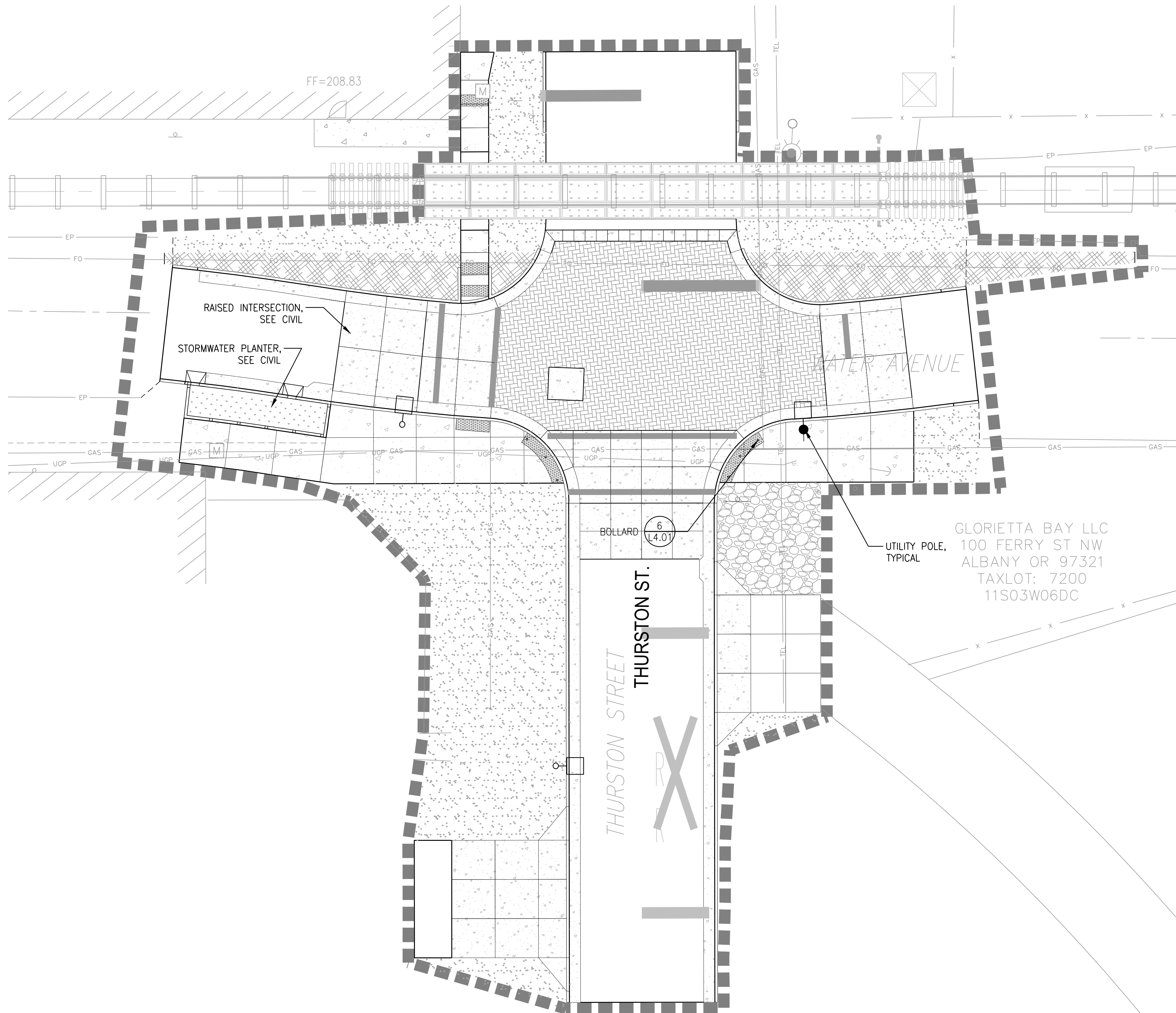
REGISTERED
 586
Chelsea M. McCann
 Chelsea M. McCann
 070206
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 MATERIALS PLANS

SHEET NO.
L1.10

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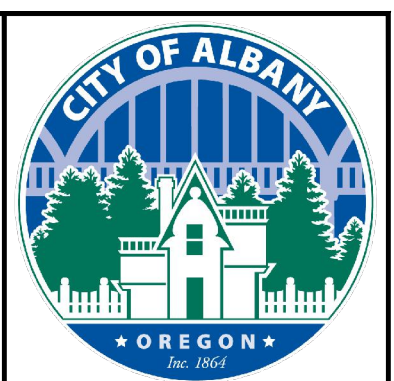
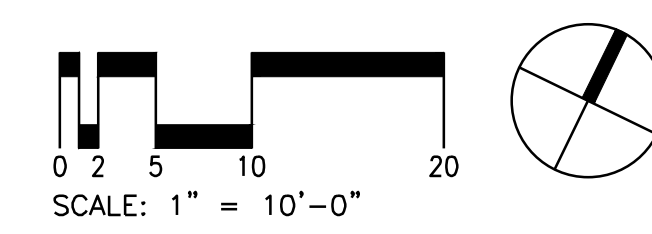


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- $\frac{5}{15.01}$ ROOT BARRIER
- RAILROAD TRACK
- $\frac{4}{14.01}$ CONCRETE UNIT PAVERS
- SLURRY SEAL ASPHALT
- PEDESTRIAN CONCRETE PAVING, SEE CIVIL
- VEHICULAR CONCRETE PAVING, SEE CIVIL
- $\frac{7,8}{14.01}$ DETECTABLE WARNING TILES
- PLANTING AREA, SEE L3.00 SERIES
- STORMWATER PLANTING, SEE L3.00 SERIES
- $\frac{4}{15.01}$ WOOD MULCH
- SEEDED LAWN
- AGGREGATE BASE SURFACE - SEE CIVIL
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- BOLLARD
- STREET TREES, SEE L3.00 SERIES
- EXISTING TREES

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 Eugene, OR 97401
 O: 541.684.4902
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 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
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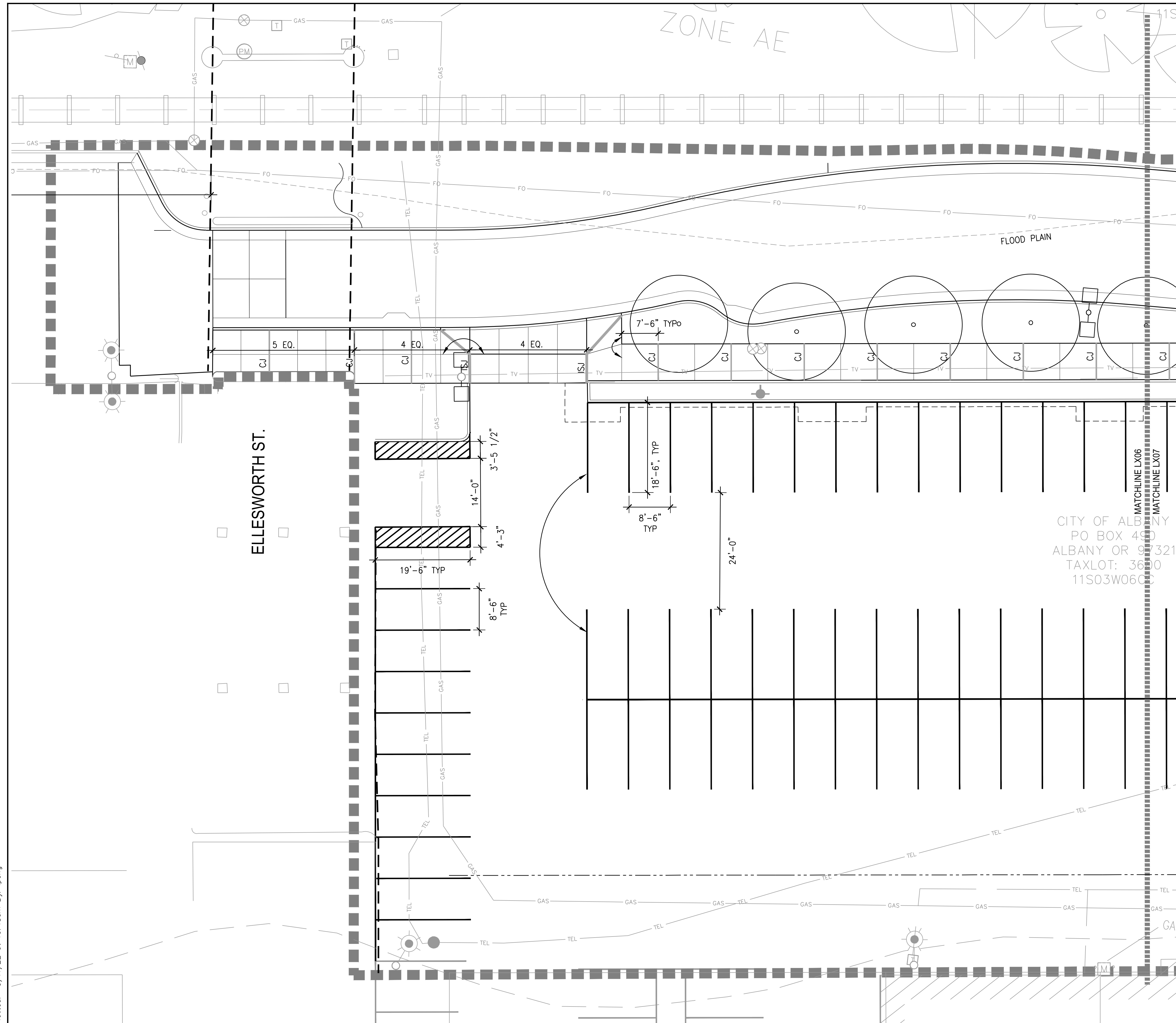
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Chelsea M. McCann
 12/20/20
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 MATERIALS PLANS

SHEET NO.
L1.17

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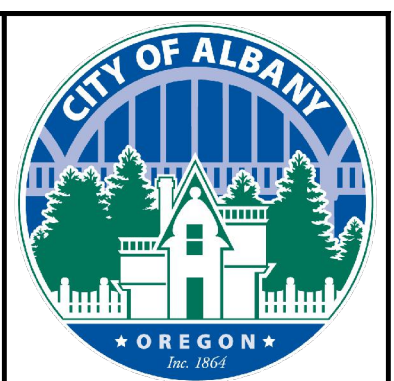
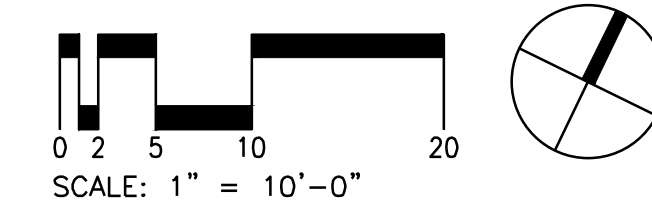


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD TRACK
- CENTERLINE
- SCORE JOINT
- CONTRACTION JOINT
- ISOLATION JOINT
- DOWELED ISOLATION JOINT
- EQUAL ON CENTER
- RADIUS
- SPACES
- VERIFY IN FIELD
- ALIGN
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS

- ### LAYOUT NOTES
- SITE SURVEY WAS PREPARED BY K&D ENGINEERING ON APRIL 2020. ALL COORDINATES SHOWN ON THE DRAWINGS ARE BASED UPON THE COORDINATE SYSTEM ESTABLISHED BY THE SURVEYOR. WALKER MACY ASSUMES NO RESPONSIBILITY FOR ACCURACY OF SURVEYED CONDITIONS AS SHOWN. SURVEY INFORMATION IS PROVIDED FOR REFERENCE ONLY.
 - DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY DIMENSIONED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN THE FIELD, CONTACT OWNER'S REPRESENTATIVE FOR RESOLUTION.
 - ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDINGS AND WALLS OR BACK OF CURBS, UNLESS OTHERWISE NOTED.
 - ALL CURVED OBJECTS SHALL HAVE SMOOTH, CONTINUOUS CURVES WITH CONSISTENT RADII AS INDICATED. EACH CURVE SHALL MEET ADJACENT CURVES OR LINEAR SECTIONS ON THE TANGENT, UNLESS NOTED OTHERWISE.

CITY OF ALBANY
 PO BOX 490
 ALBANY OR 97321
 TAXLOT: 36310
 11S03W060



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kpff
 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
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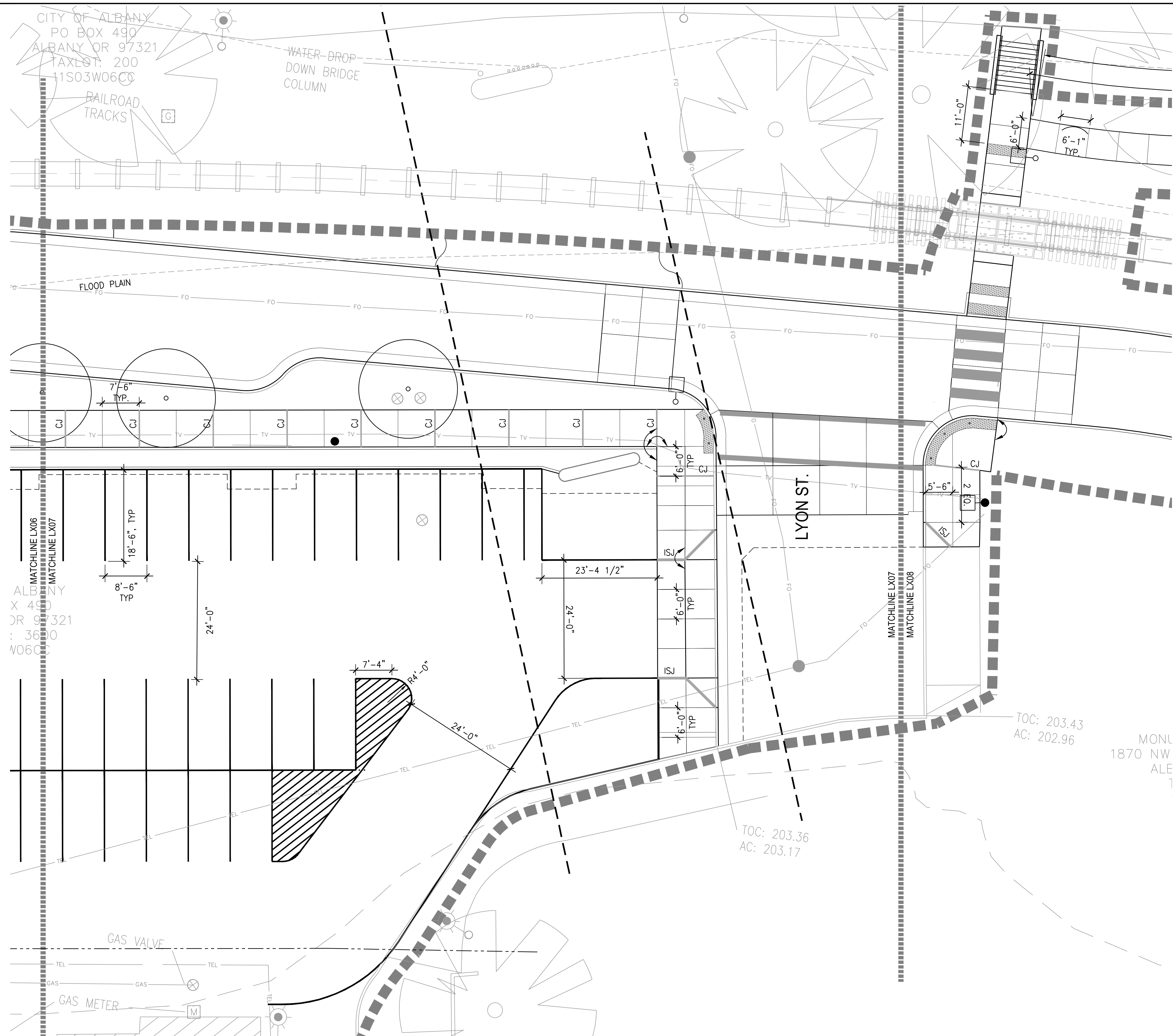
REGISTERED
 586
Chelsey M. McCann
 Chelsey M. McCann
 512026
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 LAYOUT PLANS

SHEET NO.
L2.06

PHASE 1 BID SET - 03/14/2022

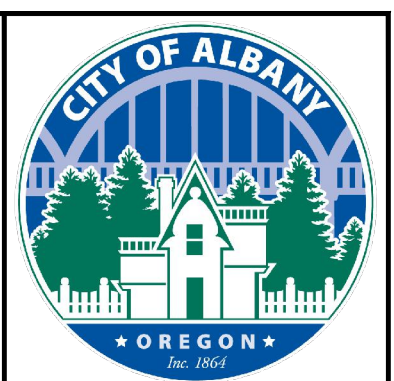
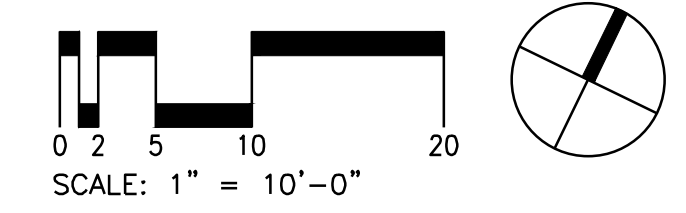
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LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD TRACK
- CENTERLINE
- SCORE JOINT
- CONTRACTION JOINT
- ISOLATION JOINT
- DOWELED ISOLATION JOINT
- EQUAL ON CENTER
- RADIUS
- SPACES
- VERIFY IN FIELD
- ALIGN
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kpff

800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

WALKER MACY

111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED 586

Chelsea M. McCann

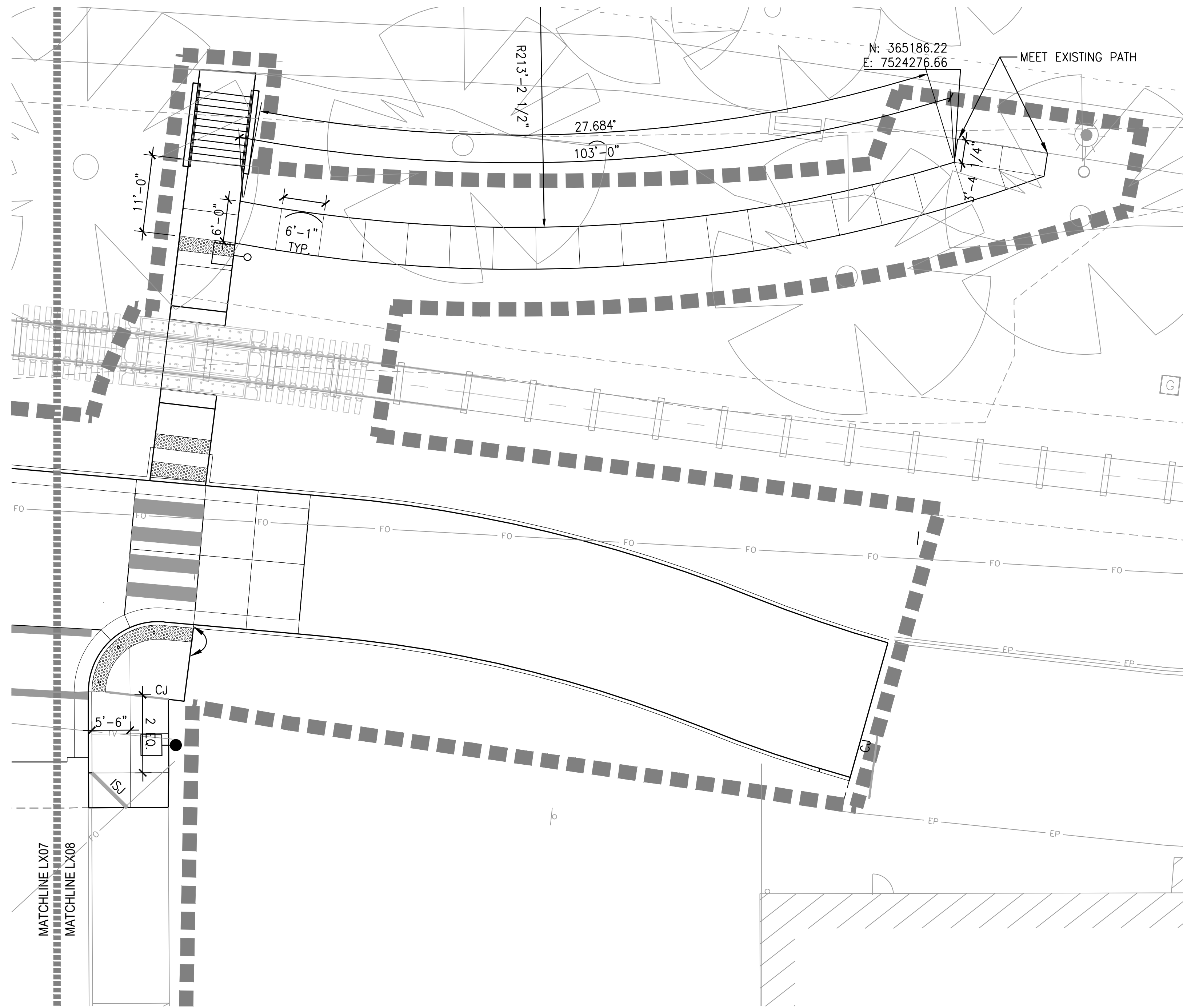
Chelsea M. McCann
 197209
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS

LAYOUT PLANS

SHEET NO.
L2.07

PHASE 1 BID SET - 03/14/2022

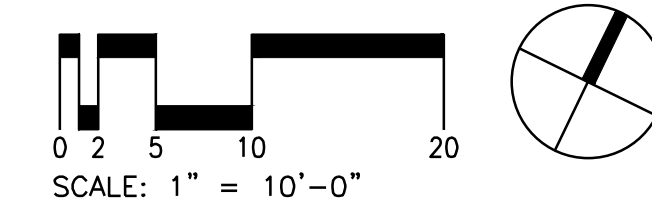


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD TRACK
- CENTERLINE
- SCORE JOINT
- CJ
- ISJ
- DIJ
- EQ
- ON CENTER
- R
- SPACES
- VIF
- ALIGN
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS

LAYOUT NOTES

1. SITE SURVEY WAS PREPARED BY K&D ENGINEERING ON APRIL 2020. ALL COORDINATES SHOWN ON THE DRAWINGS ARE BASED UPON THE COORDINATE SYSTEM ESTABLISHED BY THE SURVEYOR. WALKER MACY ASSUMES NO RESPONSIBILITY FOR ACCURACY OF SURVEYED CONDITIONS AS SHOWN. SURVEY INFORMATION IS PROVIDED FOR REFERENCE ONLY.
2. DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY DIMENSIONED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN THE FIELD, CONTACT OWNER'S REPRESENTATIVE FOR RESOLUTION.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDINGS AND WALLS OR BACK OF CURBS, UNLESS OTHERWISE NOTED.
4. ALL CURVED OBJECTS SHALL HAVE SMOOTH, CONTINUOUS CURVES WITH CONSISTENT RADII AS INDICATED. EACH CURVE SHALL MEET ADJACENT CURVES OR LINEAR SECTIONS ON THE TANGENT, UNLESS NOTED OTHERWISE.



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kpff

800 Willamette Street, Suite 400
Eugene, OR 97401
O: 541.684.4902
F: 541.684.4909
www.kpff.com

WALKER MACY

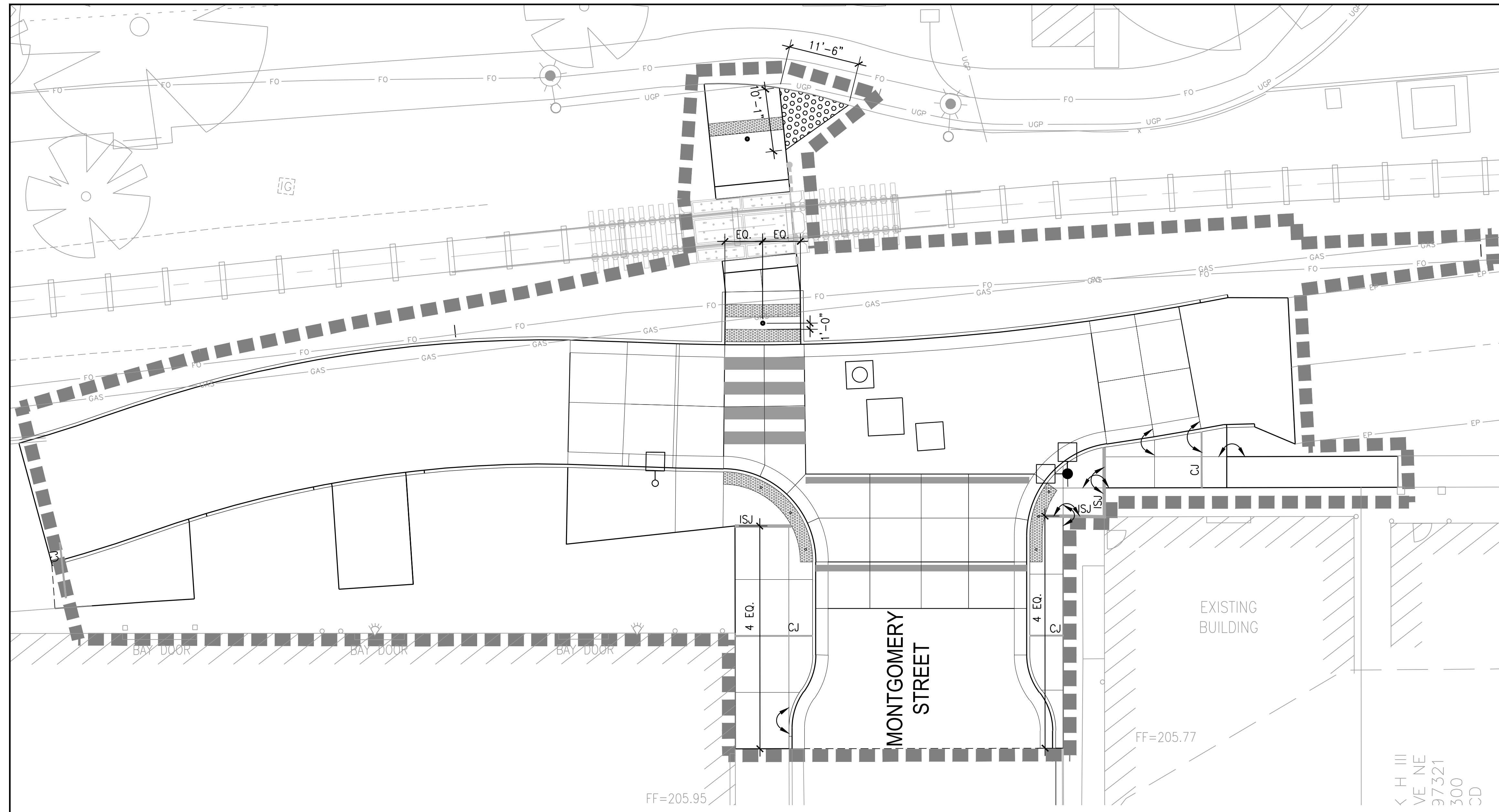
111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122

REGISTERED
586
Chelsea M. McCann
1972
Chelsey M. McCann
OREGON
LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
PUBLIC IMPROVEMENT PLANS
LAYOUT PLANS

SHEET NO.
L2.08

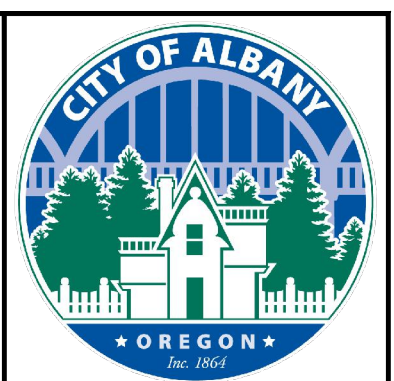
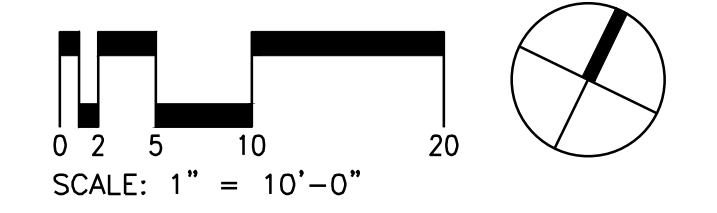
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LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD TRACK
- CENTERLINE
- SCORE JOINT
- CONTRACTION JOINT
- ISOLATION JOINT
- DOWELED ISOLATION JOINT
- EQUAL ON CENTER
- RADIUS
- SPACES
- VERIFY IN FIELD
- ALIGN
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS

- ### LAYOUT NOTES
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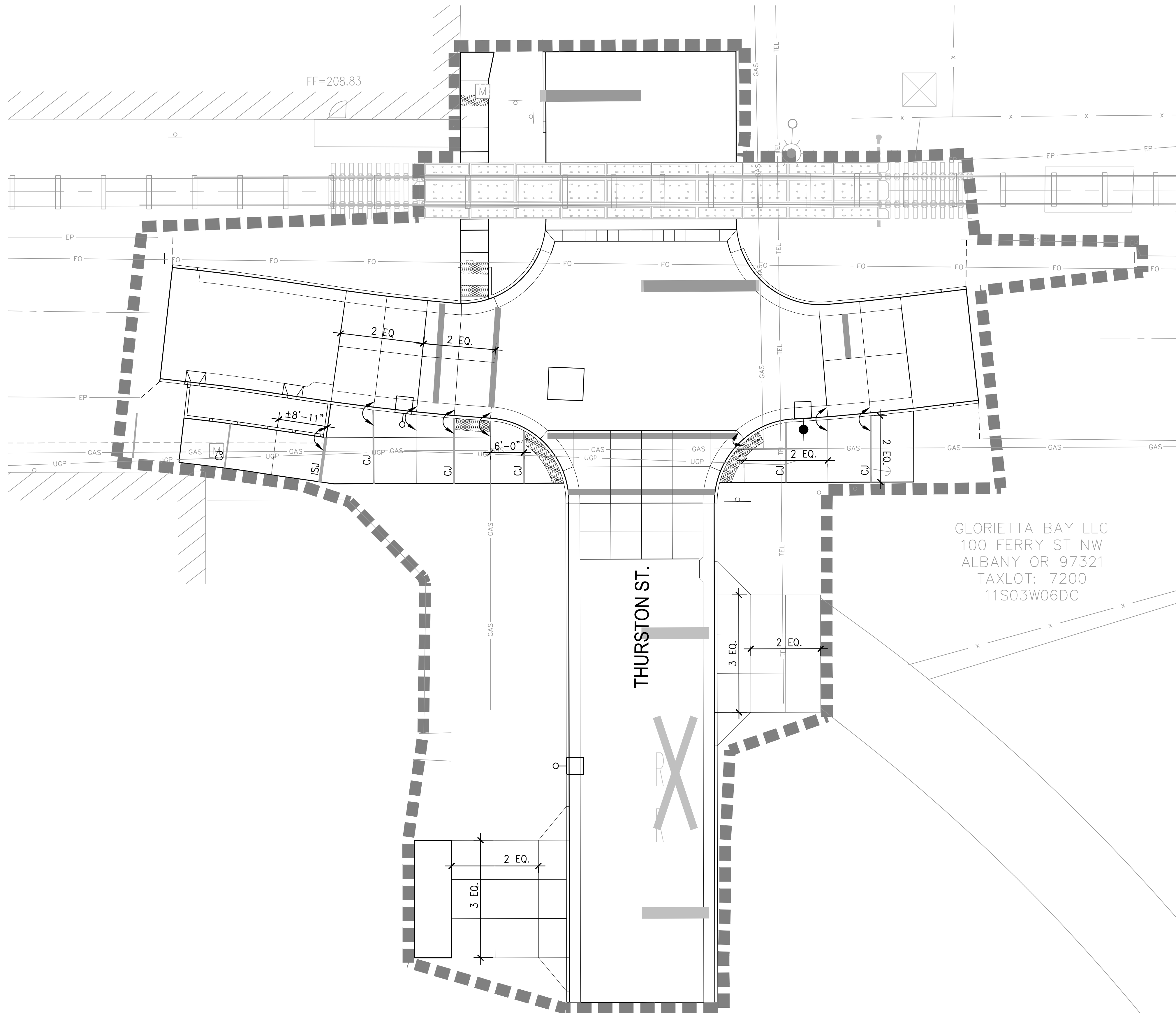
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 586
Chelsea M. McCann
 Chelsea M. McCann
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ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 LAYOUT PLANS

SHEET NO.
L2.10

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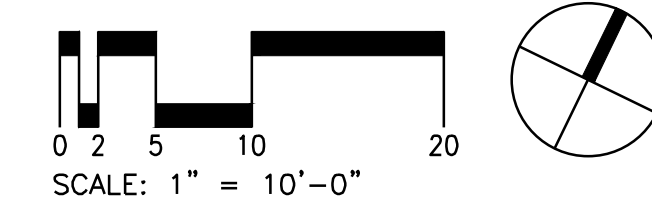


LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD TRACK
- CENTERLINE
- SCORE JOINT
- CONTRACTION JOINT
- ISOLATION JOINT
- DOWELED ISOLATION JOINT
- EQUAL ON CENTER RADIUS SPACES
- RADIUS SPACES
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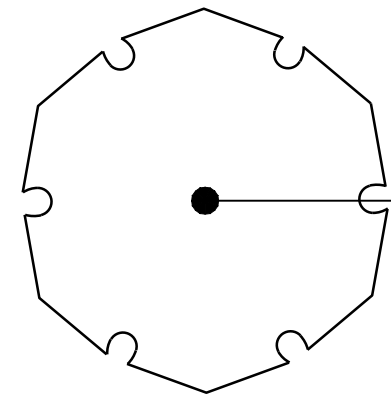
WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

REGISTERED
 586
Chelsea M. McCann
 197270
 OREGON
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ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 LAYOUT PLANS

SHEET NO.
L2.17

PHASE 1 BID SET - 03/14/2022



PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	
	ACER BUERGERIANUM	TRIDENT MAPLE	2.5" CAL.	B&B	7	
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
	CISTUS X 'GRAYSWOOD PINK'	GRAYSWOOD PINK ROCKROSE	2 GAL.	POT	36" o.c.	77
	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY GRASS	1 GAL.	POT	36" o.c.	152
	PENNISETUM ORIENTALE 'KARLEY ROSE'	KARLEY ROSE FOUNTAIN GRASS	1 GAL.	POT	24" o.c.	62
	SPIRAEA BETULIFOLIA LUCIDA	SHINYLEAF SPIREA	2 GAL.	POT	24" o.c.	108
SHRUB AREAS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
	SOUTH STORMWATER MIX	SOUTH STORMWATER MIX				136 SF
	CAREX Densa	DENSE SEDGE	1 GAL.	POT	SEE DETAIL 6/L5.01	33
	JUNCUS PATENS	CALIFORNIA GRAY RUSH	1 GAL.	POT	SEE DETAIL 6/L5.01	33
	MAHONIA REPENS	CREEPING MAHONIA	1 GAL.	POT	SEE DETAIL 6/L5.01	44
	SEEDED LAWN	SEEDED LAWN				6,965 SF
GROUNDCOVERS AND GRASSES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
	CALLUNA VULGARIS	HEATHER	2 GAL.	POT	24" o.c.	53
	CAREX Densa	DENSE SEDGE	1 GAL.	POT	12" o.c.	22
	JUNCUS PATENS	CALIFORNIA GRAY RUSH	1 GAL.	POT	12" o.c.	424
	MAHONIA REPENS	CREEPING MAHONIA	1 GAL.	POT	24" o.c.	183

PLANTING NOTES

1. VERIFY LOCATION OF EXISTING TREES INDICATED TO REMAIN PRIOR TO SOIL PREPARATION. PROTECT ALL TREES AND SHRUBS INDICATED TO REMAIN. COORDINATE WITH THE OWNER'S REPRESENTATIVE.
2. PLANTING AREAS TO BE SUFFICIENTLY CLEANED OF ALL CONSTRUCTION MATERIALS, INCLUDING IMPORTED ROCK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE BEFORE BEGINNING ANY LANDSCAPE WORK.
3. IDENTIFY ALL PLANTING AREAS IN FIELD WITH WHITE FIELD-MARKING CHALK OR APPROVED EQUAL. PLANTING BEDS TO BE ADJUSTED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANT LOCATION.
4. FOR PLANTING OCCURRING IN MASSES OF SAME SPECIES PLANT, LABELING REFERS TO ALL ADJACENT IDENTICAL SYMBOLS. REFER TO DETAILS AND LEGEND FOR SPACING INFORMATION.
5. THE OWNER'S REPRESENTATIVE WILL APPROVE INDIVIDUAL PLANT MATERIAL AND LOCATION OF PLANT MATERIAL PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR PROCEDURE.
6. SHRUBS AND GROUNDCOVER TO BE PLANTED A MINIMUM OF ONE HALF THEIR ON CENTER SPACING AWAY FROM PAVEMENT EDGES; UNLESS OTHERWISE NOTED.
7. PROVIDE ROOT BARRIER AROUND ALL TREES WITHIN 5' OF PAVING, CURBS, WALLS, BUILDINGS, UTILITY DUCTS AND OTHER APPURTENANCES.
8. PLANT QUANTITIES INDICATED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANTS IN QUANTITIES AND LOCATIONS SHOWN ON DRAWINGS.
9. PROVIDE JUTE NETTING ON ALL SLOPES WITH GRADIENT OF 3:1 OR GREATER AS DIRECTED IN THE FIELD BY THE OWNER'S REPRESENTATIVE. STAPLE FABRIC TO GROUND WITH METAL STAKES AT 4' O.C.



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www.kpff.com

WALKER MACY
 111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122

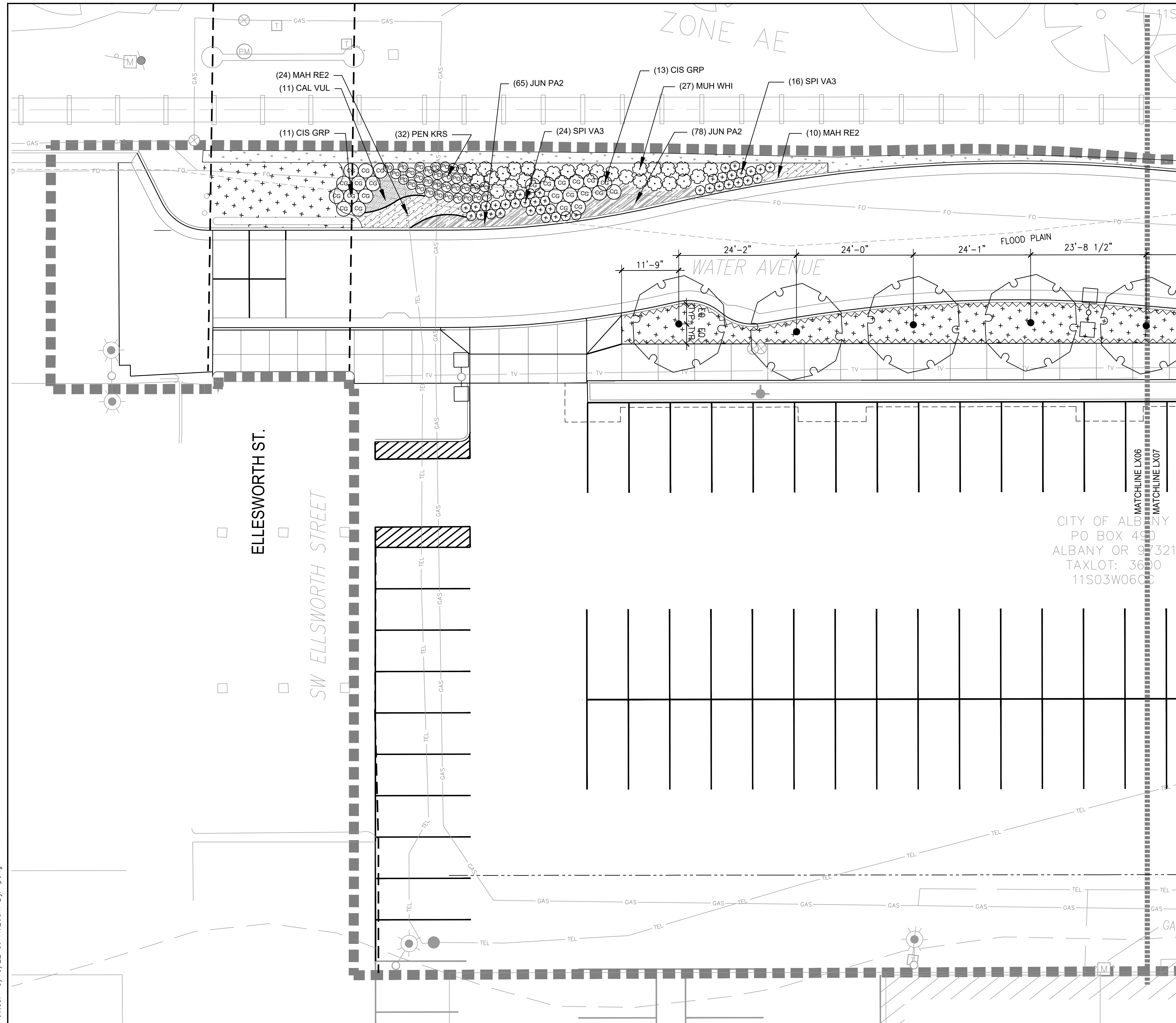
REGISTERED
 586

 Chelsea M. McCann
 070270
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 PLANTING SCHEDULE

SHEET NO.
L3.00

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 Plotted: 3/10/22 at 11:26am By: jpeng



LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- RAILROAD TRACK
- ROOT BARRIER (5 L5.01)
- WOOD MULCH (4 L5.01)
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- EXISTING TREES



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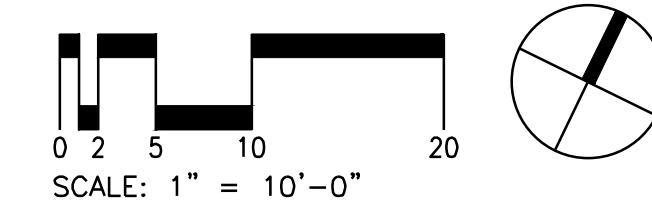
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 586
Chelsea M. McCann
 Chelsea M. McCann
 97208
 OREGON
 LANDSCAPE ARCHITECT

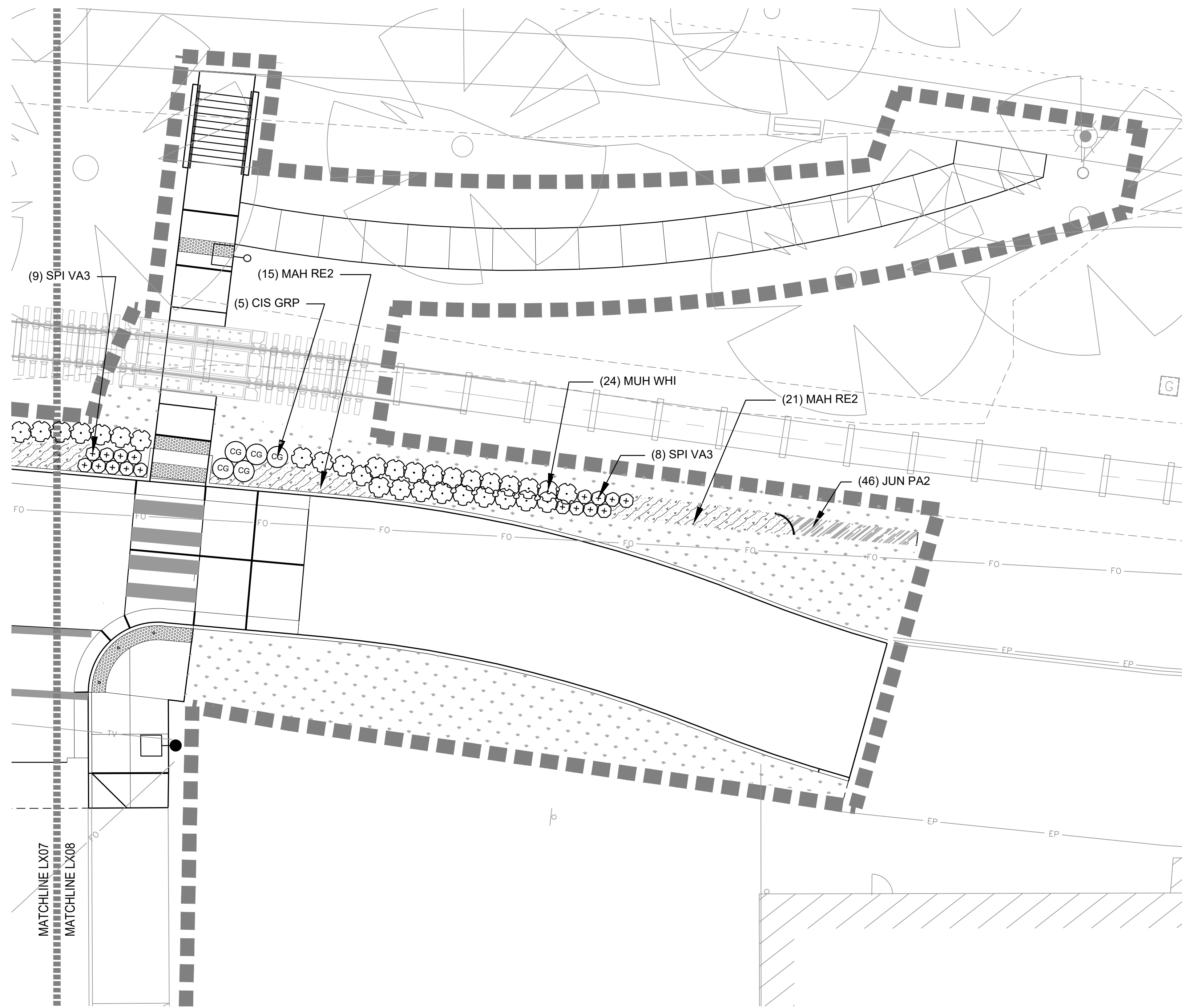
ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 PLANTING PLANS

SHEET NO.
L3.06



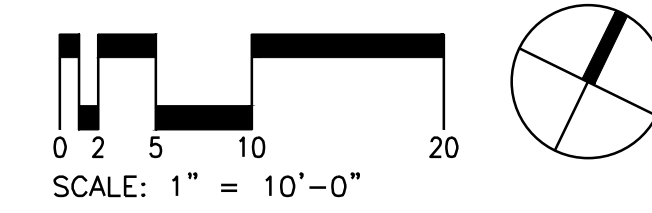
CITY OF ALBANY
 PO BOX 490
 ALBANY OR 97321
 TAXLOT: 36510
 11S03W06C00

PHASE 1 BID SET - 03/14/2022



LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- RAILROAD TRACK
- (5) ROOT BARRIER
- (4) (5.01) WOOD MULCH
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- EXISTING TREES



REVISION	DATE	DESCRIPTION

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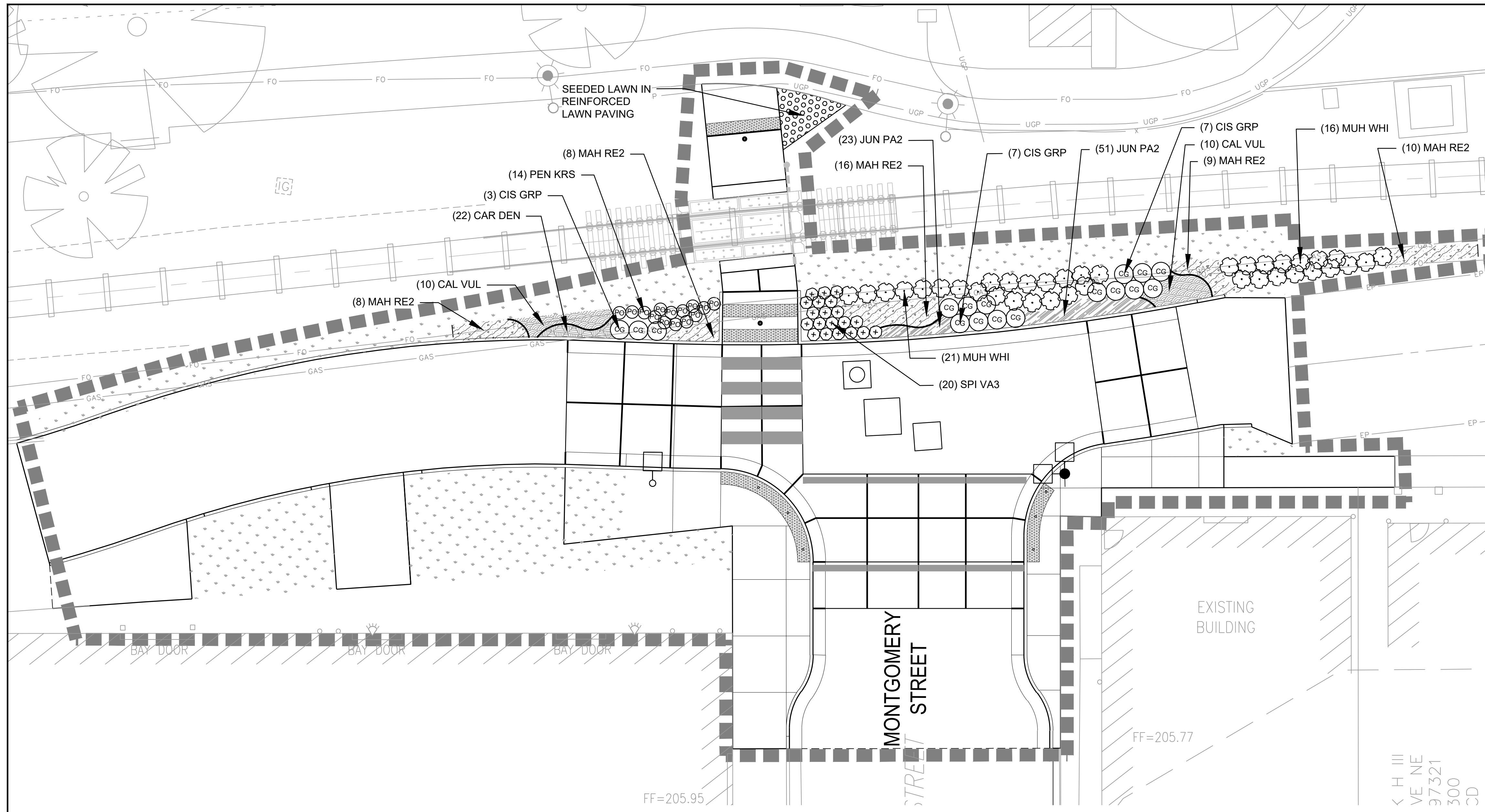
REGISTERED
 586
Chelsea M. McCann
 Chelsea M. McCann
 512206
 OREGON
 LANDSCAPE ARCHITECT

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 PLANTING PLANS

SHEET NO.
L3.08

PHASE 1 BID SET - 03/14/2022

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LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- RAILROAD TRACK
- ROOT BARRIER (5/5.01)
- WOOD MULCH (4/4.5.01)
- STREET LIGHTS, REFER TO CIVIL FOR LOCATION, AND REFER TO LIGHTING AND ELECTRICAL FOR TYPES AND CONNECTIONS
- EXISTING TREES



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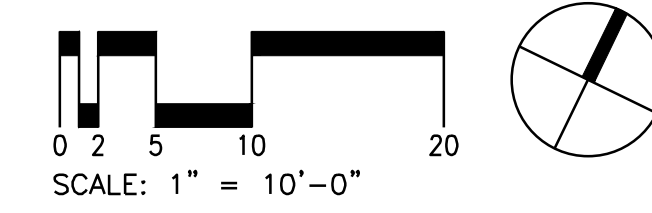
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 586
Chelsea M. McCann
 Chelsea M. McCann
 070206
 OREGON
 LANDSCAPE ARCHITECT

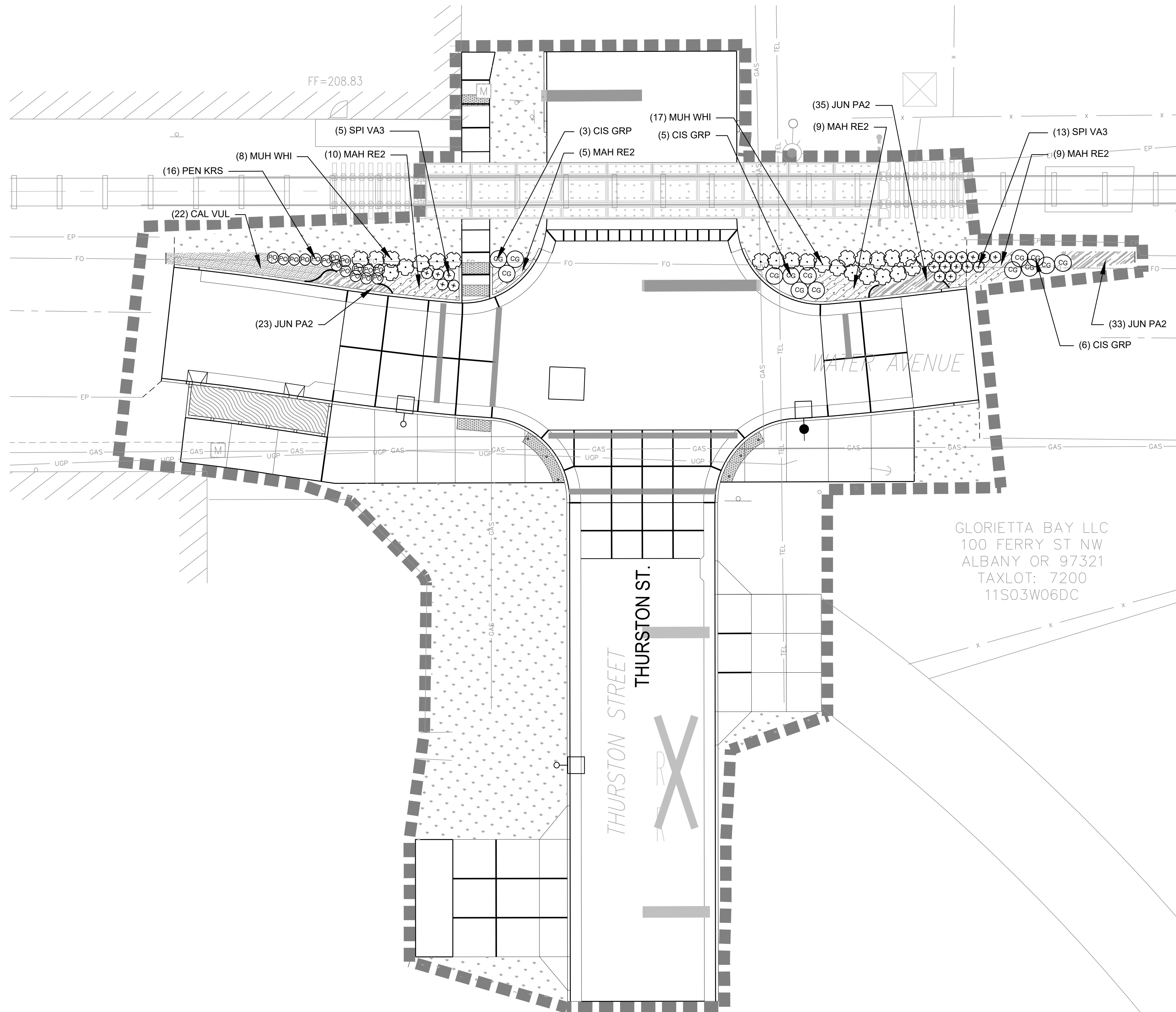
ALBANY WATERFRONT PROJECT
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 PLANTING PLANS

SHEET NO.
L3.10



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GLORIETTA BAY LLC
 100 FERRY ST NW
 ALBANY OR 97321
 TAXLOT: 7200
 11S03W06DC

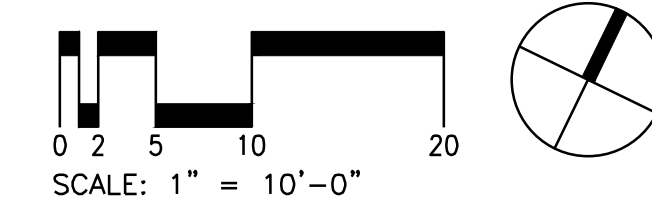
THURSTON STREET

WATER AVENUE

ALBANY HELPING HANDS
 619 9TH AVE SE

LEGEND

- LIMIT OF WORK
- RIGHT-OF-WAY LINE
- RAILROAD-CENTERLINE
- RAILROAD TRACK
- (5) ROOT BARRIER
- (4) WOOD MULCH
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NO.	DESCRIPTION	DATE	REVISION

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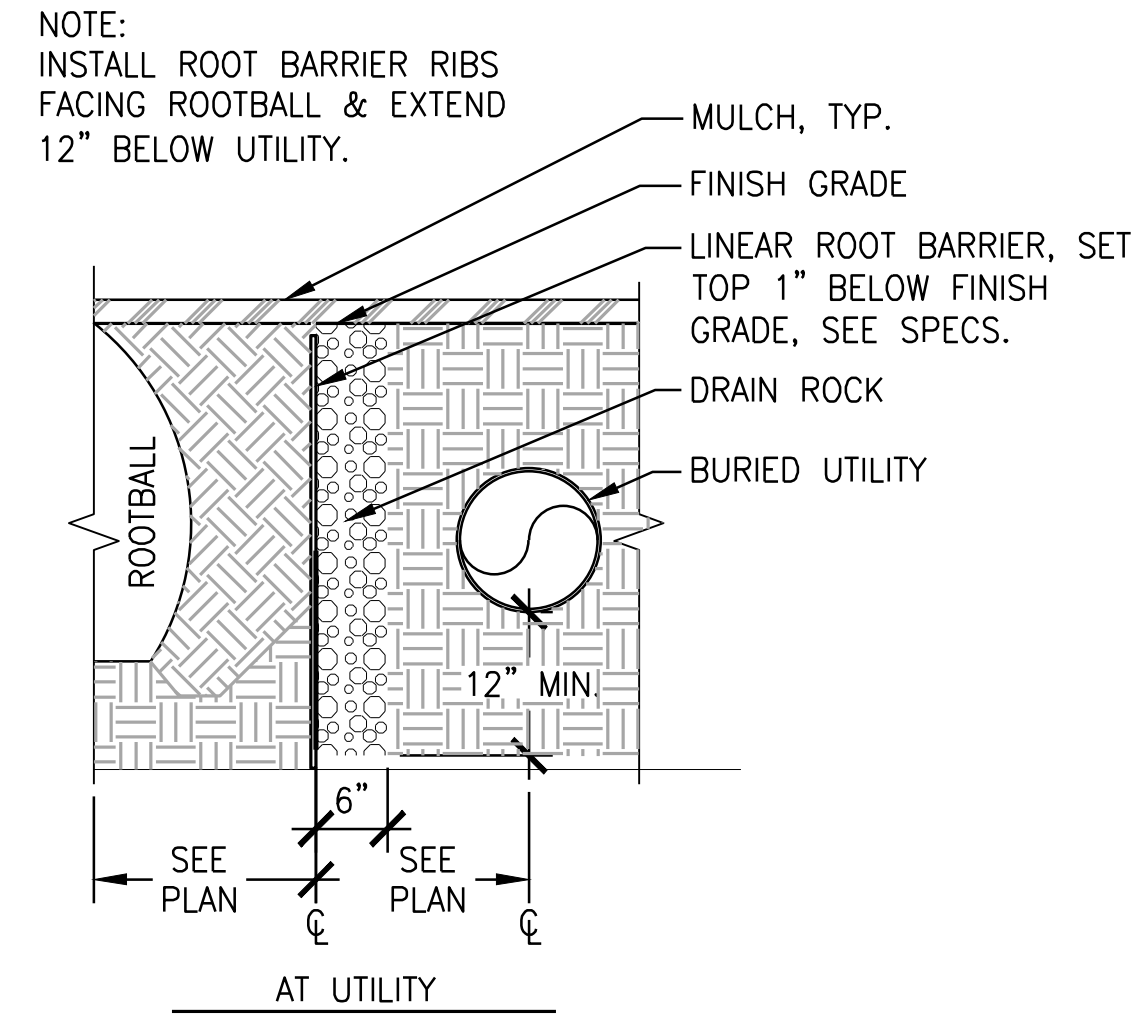
111 SW OAK, SUITE 200
 PORTLAND, OR 97204
 503-228-3122



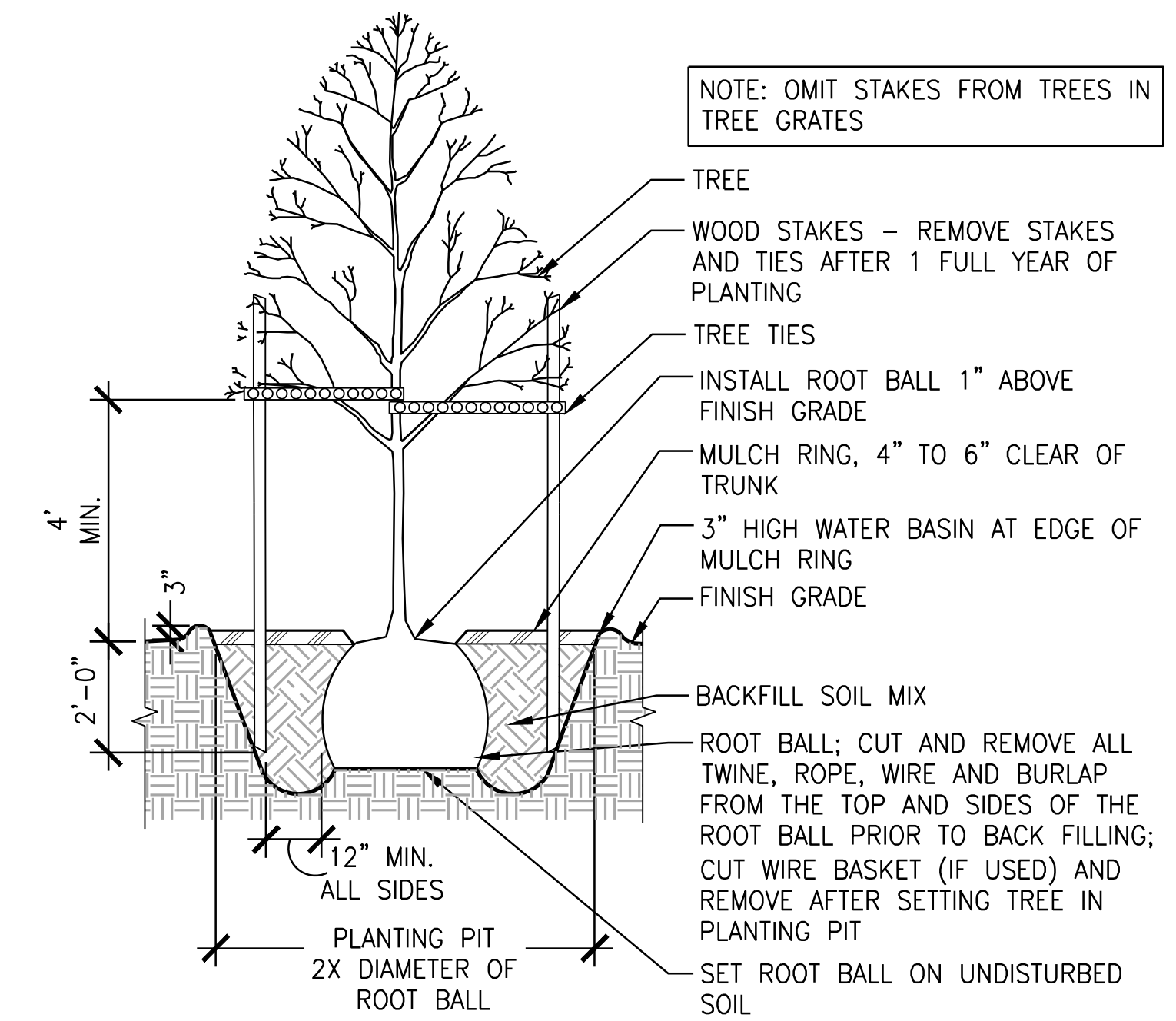
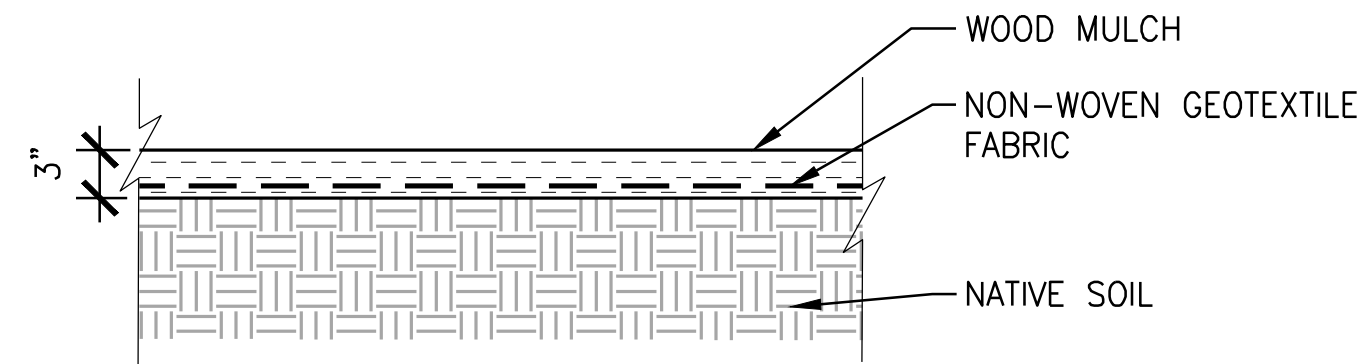
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SHEET NO.
L3.17

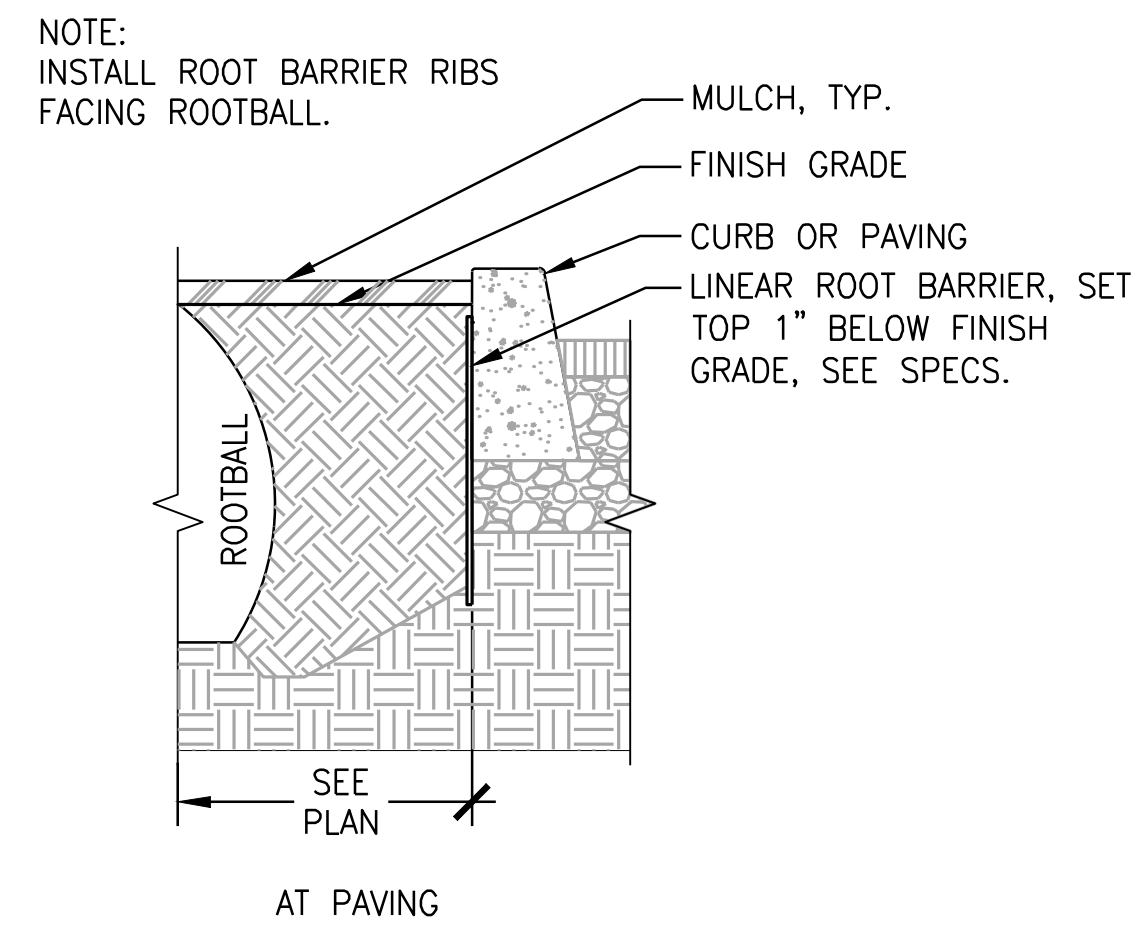
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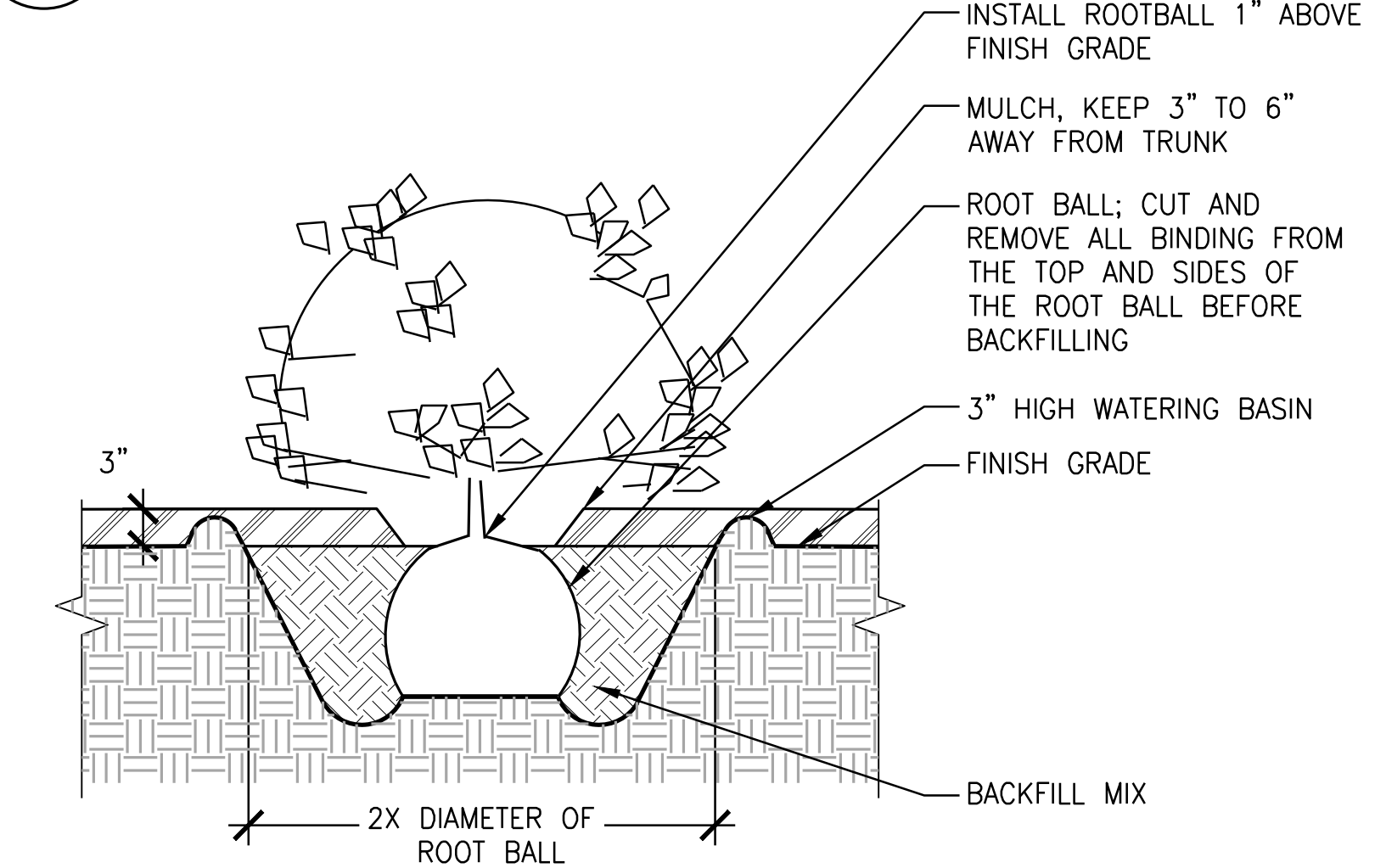
4 WOOD MULCH AT PLANTING AREA
SCALE: 1" = 1'-0"



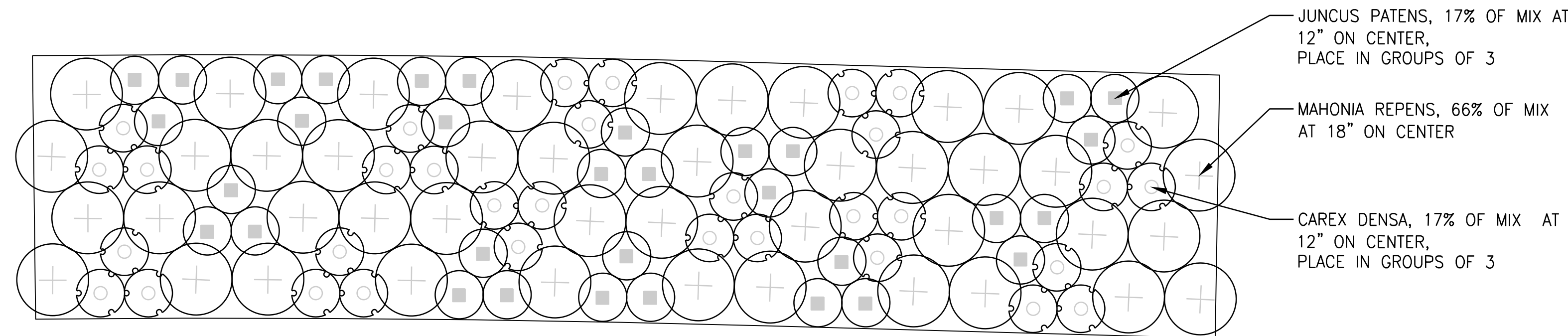
1 DECIDUOUS TREE PLANTING
SCALE: 3/8" = 1'-0"



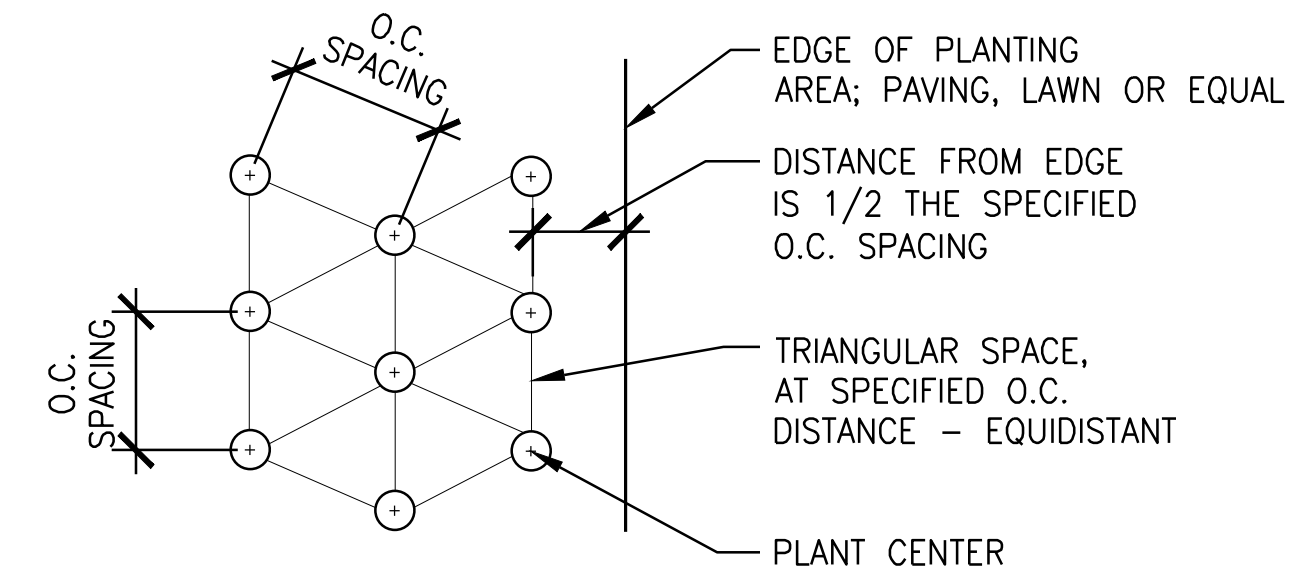
5 ROOT BARRIER
SCALE: 1" = 1'-0"



2 SHRUB & GROUNDCOVER PLANTING
SCALE: 3/4" = 1'-0"

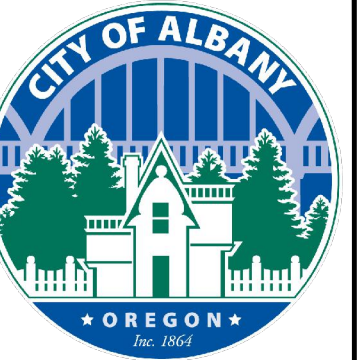


6 SOUTH STORMWATER MIX TYPICAL LAYOUT
SCALE: 1/2" = 1'-0"



3 SHRUB & GROUNDCOVER TRIANGULAR SPACING
SCALE: 3/4" = 1'-0"

NOTE:
- SEE PLANT SCHEDULE FOR EACH PLANT'S APPROPRIATE O.C. SPACING.
- PLANTING PLAN SHOWING INDIVIDUAL LOCATION OF A SHRUB AND OR GROUND COVER TAKE PRECEDENT OVER THIS DETAIL.



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kpff
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Eugene, OR 97401
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F: 541.684.4909
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WALKER MACY
111 SW OAK, SUITE 200
PORTLAND, OR 97204
503-228-3122

REGISTERED
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Chelsea M. McCann
197206
CHelsea M. McCann
OREGON
LANDSCAPE ARCHITECT

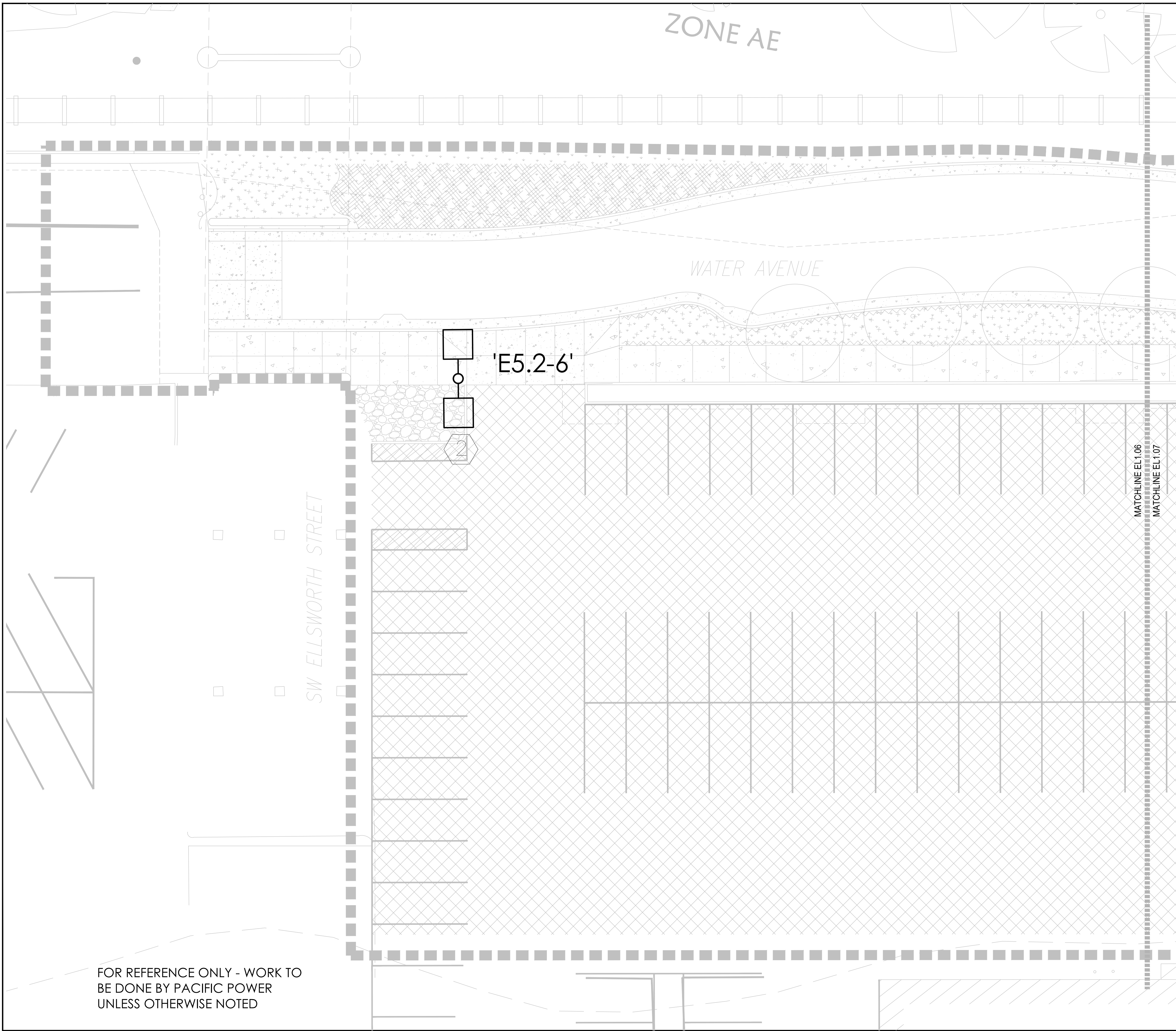
ALBANY WATERFRONT PROJECT
PUBLIC IMPROVEMENT PLANS
PLANTING DETAILS

SHEET NO.
L5.01

PHASE 1 BID SET - 03/14/2022

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 Plotted: 2/24/22 at 7:39pm By: cical



ZONE AE

WATER AVENUE

SW ELLSWORTH STREET

'E5.2-6'

MATCHLINE EL1.06
 MATCHLINE EL1.07

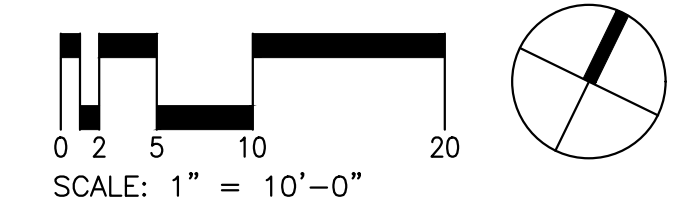
FOR REFERENCE ONLY - WORK TO BE DONE BY PACIFIC POWER UNLESS OTHERWISE NOTED

KEYED NOTES: #

1. CONTRACTOR TO INSTALL THIS FIXTURE TYPE
2. PROVIDE 10FT LONG ARM ON THE PARKING LOT SIDE OF FIXTURE
3. NOT USED
4. CONFIRM THAT POLE CAN HANDLE THE LOAD REQUIREMENTS OF THIS POLE/ARM CONFIGURATION

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE PLACEMENT
2. SEE SHEET EL3.00 FOR FIXTURE SCHEDULE AND SYMBOL LEGEND
3. ALL FIXTURES TO BE SET BACK 30" FROM THE EDGE OF THE CURB FROM THE ROAD SIDE, UNLESS OTHERWISE NOTED. SEE TYPICAL CITY STANDARD POLE MOUNTING / PLACEMENT DETAIL
4. REFER TO DEMO PLANS FOR INFORMATION ON ALL EXISTING LIGHTING TO BE REMOVED AND REUSED AND ALL EXISTING LIGHTING TO REMAIN
5. REFER TO STRUCTURAL DRAWINGS FOR LIGHT POLE FOOTING INFORMATION



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/FM	CHECKED BY EM
DRAWN BY AC	DATE APPD.

biella
 LIGHTING DESIGN
 525 Third Street, Suite 200
 Lake Oswego, OR 97034
 503.222.2689
 biellaighting.com

WALKER MACY

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 LIGHTING PLAN

SHEET NO.
EL1.06

PHASE 1 BID SET - 03/14/2022

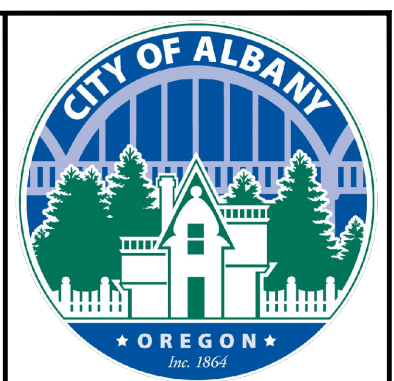
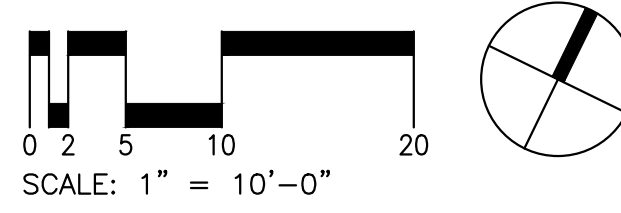
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 Plotted: 2/24/22 at 7:39pm By: cical



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 2. PROVIDE 10FT LONG ARM ON THE PARKING LOT SIDE OF FIXTURE
 3. NOT USED
 4. CONFIRM THAT POLE CAN HANDLE THE LOAD REQUIREMENTS OF THIS POLE/ARM CONFIGURATION

- GENERAL NOTES:**
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE PLACEMENT
 2. SEE SHEET EL3.00 FOR FIXTURE SCHEDULE AND SYMBOL LEGEND
 3. ALL FIXTURES TO BE SET BACK 30" FROM THE EDGE OF THE CURB FROM THE ROAD SIDE, UNLESS OTHERWISE NOTED. SEE TYPICAL CITY STANDARD POLE MOUNTING / PLACEMENT DETAIL
 4. REFER TO DEMO PLANS FOR INFORMATION ON ALL EXISTING LIGHTING TO BE REMOVED AND REUSED AND ALL EXISTING LIGHTING TO REMAIN
 5. REFER TO STRUCTURAL DRAWINGS FOR LIGHT POLE FOOTING INFORMATION

FOR REFERENCE ONLY - WORK TO BE DONE BY PACIFIC POWER UNLESS OTHERWISE NOTED



REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/FM	DRAWN BY AC	CHECKED BY EM	DATE APPD.
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biella
 LIGHTING DESIGN
 525 Third Street, Suite 200
 Lake Oswego, OR 97034
 503.222.2689
 biellaighting.com

WALKER MACY

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS

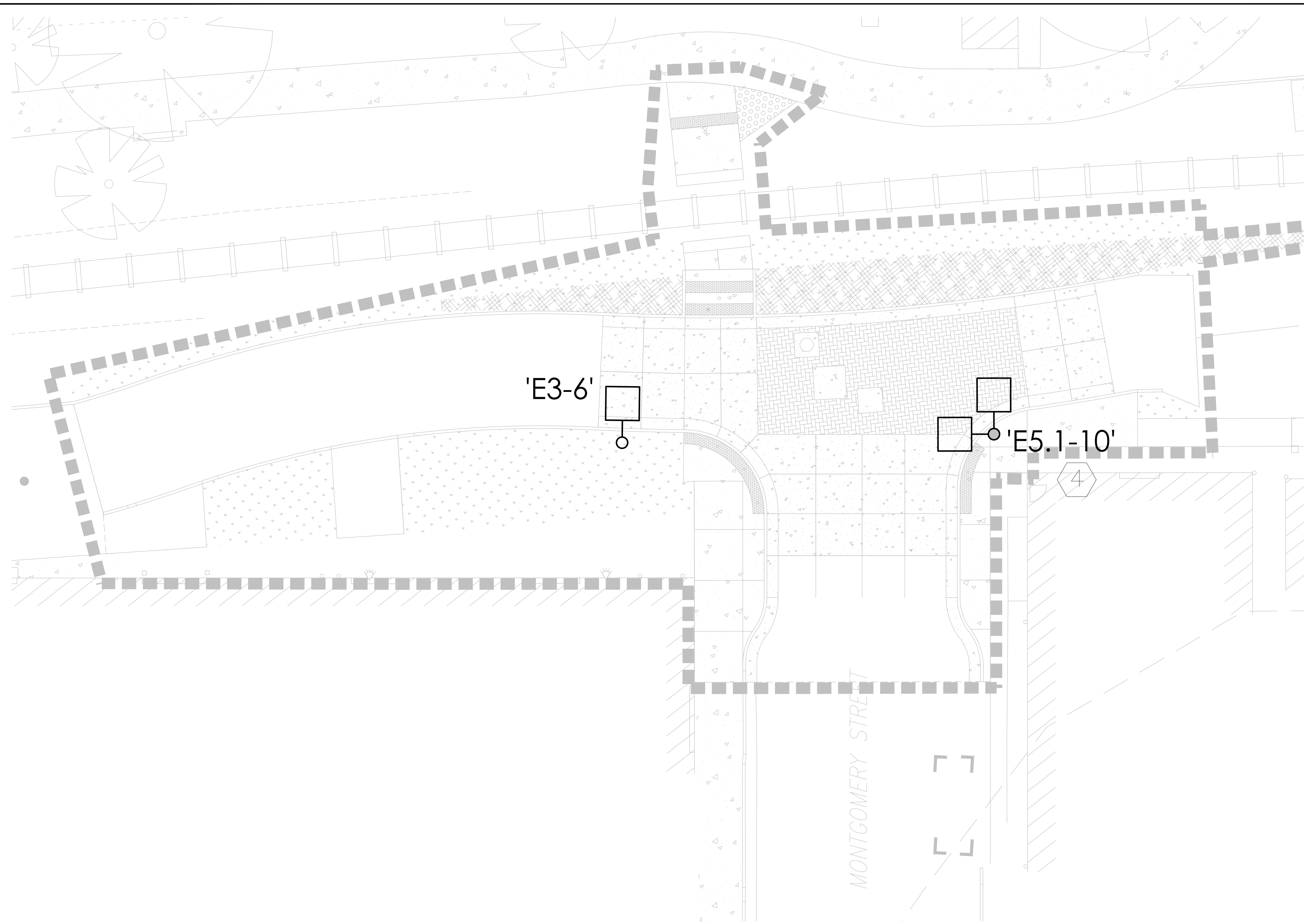
LIGHTING PLAN

SHEET NO.
EL1.07

CITY OF ALBANY PROJECT ST-22-08

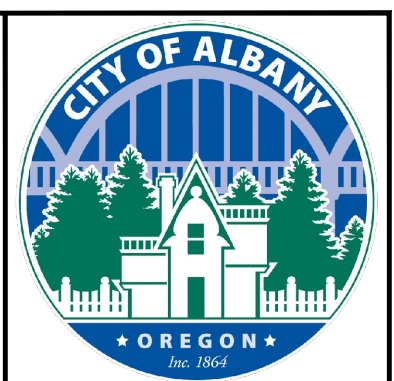
PHASE 1 BID SET - 03/14/2022

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 Plotted: 2/24/22 at 7:39pm By: cical



- KEYED NOTES:** #
1. CONTRACTOR TO INSTALL THIS FIXTURE TYPE
 2. PROVIDE 10FT LONG ARM ON THE PARKING LOT SIDE OF FIXTURE
 3. NOT USED
 4. CONFIRM THAT POLE CAN HANDLE THE LOAD REQUIREMENTS OF THIS POLE/ARM CONFIGURATION

- GENERAL NOTES:**
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REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/FM	DRAWN BY AC	CHECKED BY EM	DATE APPD.
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 Lake Oswego, OR 97034
 503.222.2689
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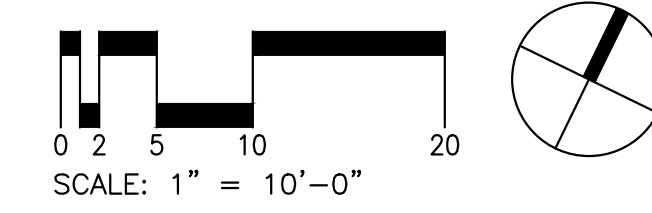
WALKER MACY

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS

LIGHTING PLAN

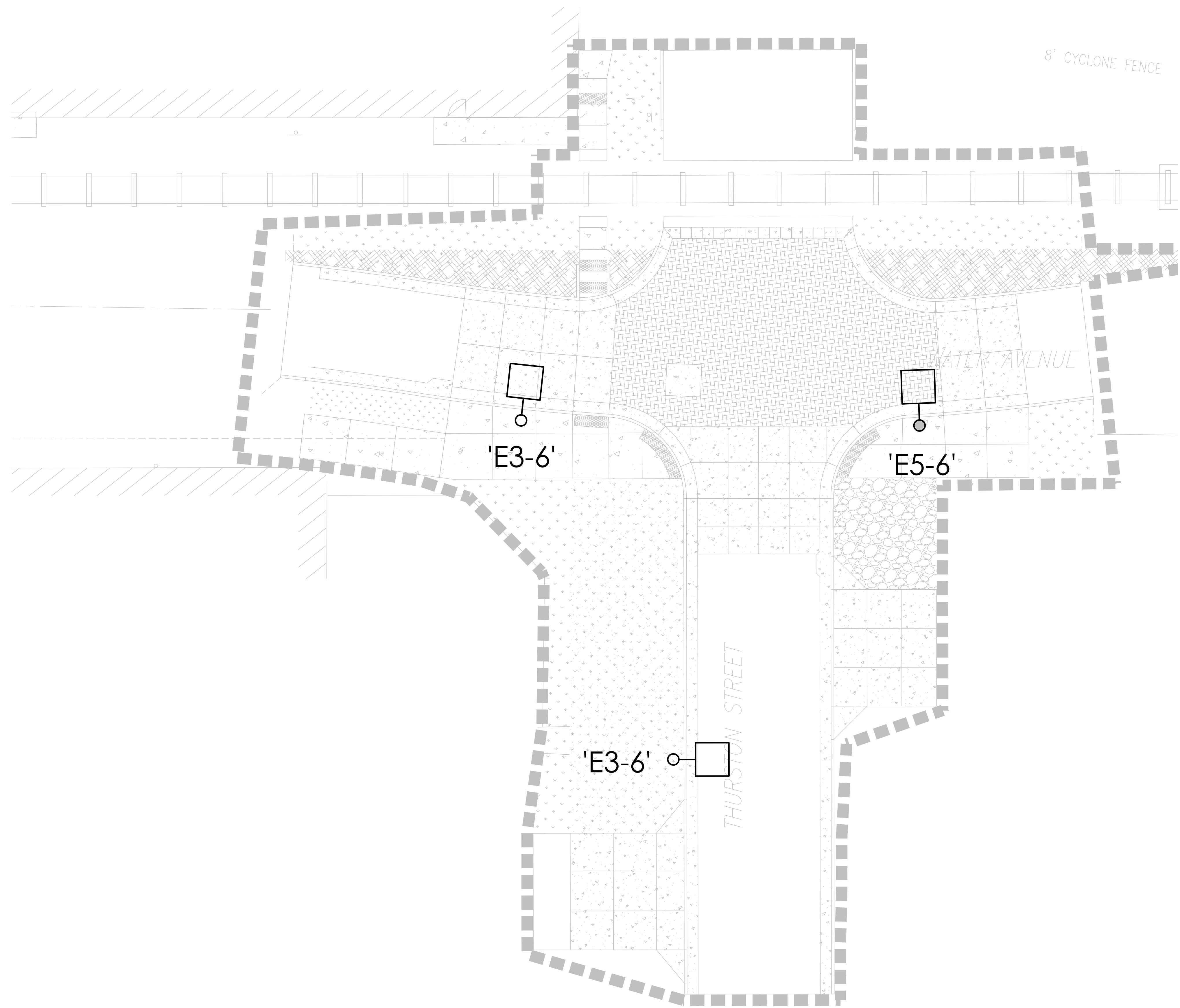
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EL1.10

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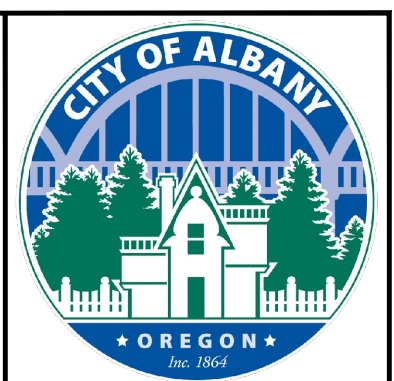
PHASE 1 BID SET - 03/14/2022

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REVISION	DATE	DESCRIPTION

DESIGNED BY CK/MM/FM	DRAWN BY AC	CHECKED BY EM	DATE APPD.
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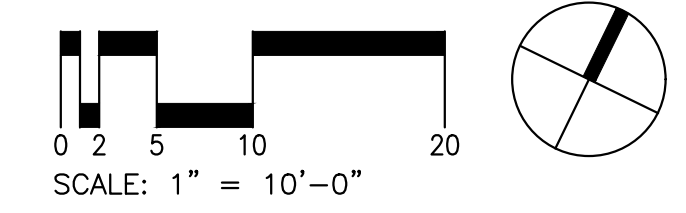
biella
 LIGHTING DESIGN
 525 Third Street, Suite 200
 Lake Oswego, OR 97034
 503.222.2689
 biellaighting.com

WALKER MACY

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 LIGHTING PLAN

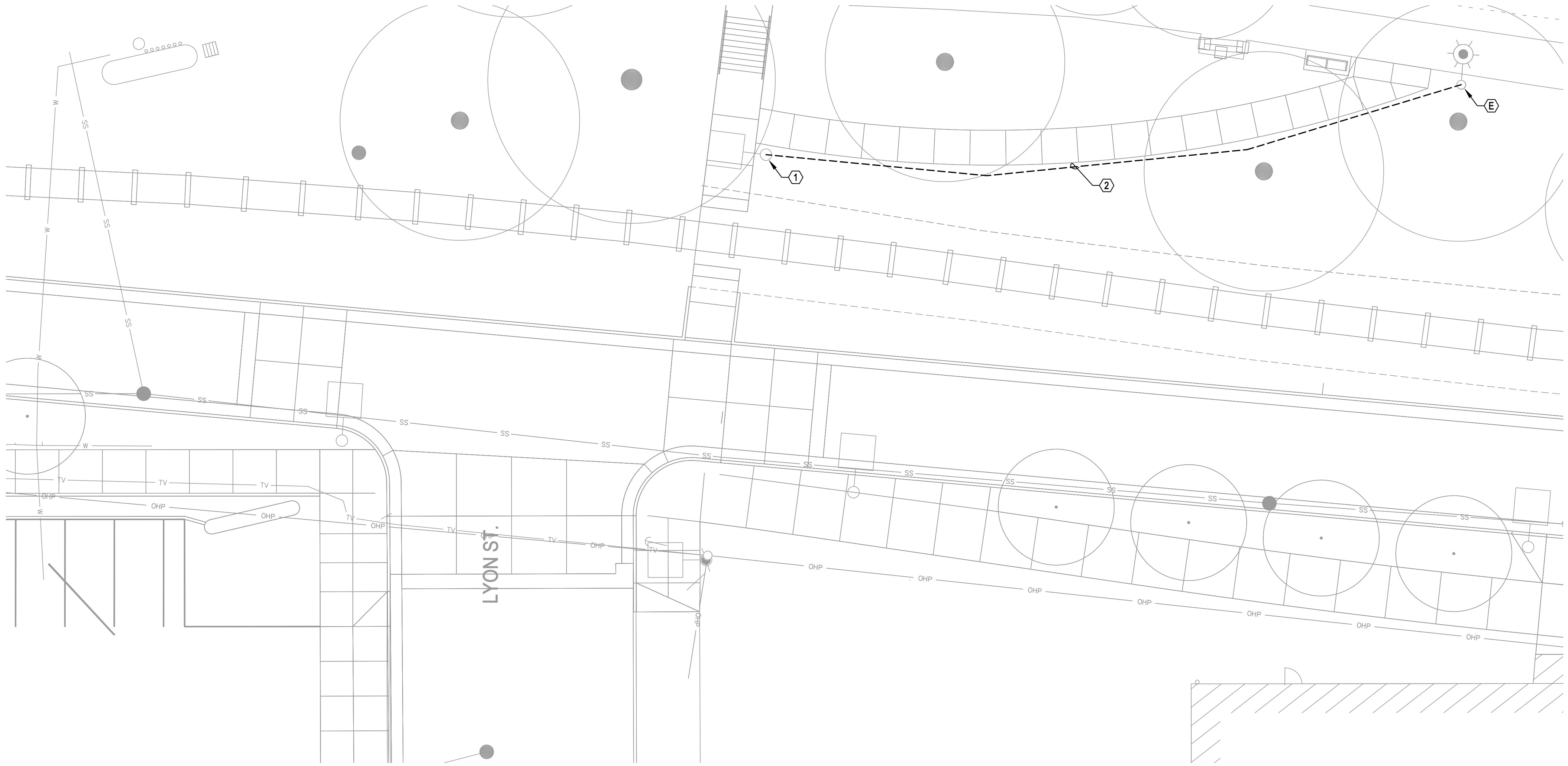
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EL1.17

FOR REFERENCE ONLY - WORK TO BE DONE BY PACIFIC POWER UNLESS OTHERWISE NOTED

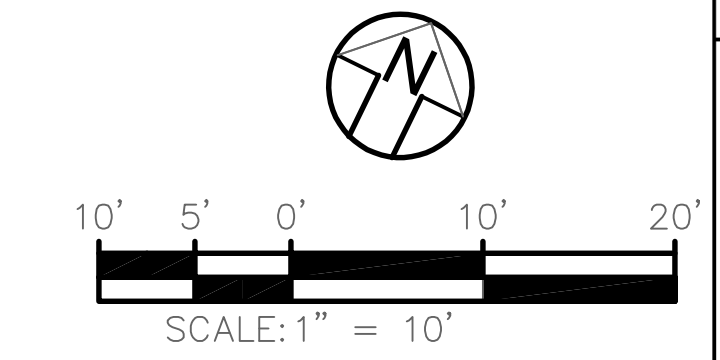


PHASE 1 BID SET - 03/14/2022

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 Plotted: 2/25/22 9:25:11 am By: christina.bennett
 Date: 2/25/22 Time: 2:51pm File: P:\2019\19-1450 - Albany Waterfront Redevelopment\01 Production\02 CAD\Water Ave\E2.07.dwg User: christina.bennett



1 SITE PLAN - ELECTRICAL
 E2.07 SCALE: 1" = 10'



GENERAL NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. COORDINATE ALL EXISTING AND NEW UNDERGROUND CONDUITS, JUNCTION BOXES, LUMINAIRES AND EQUIPMENT LOCATIONS WITH LANDSCAPE AND CIVIL DRAWINGS FOR EXACT LOCATIONS.
- B. COORDINATE ALL SITE RELATED EQUIPMENT LOCATIONS AND CONDUIT ROUTING WITH ALL UTILITIES PRIOR TO INSTALLATION.

NOTES:

- 1. PROVIDE POWER CONNECTION TO NEW LUMINAIRE.
- 2. INTERCEPT AND EXTEND EXISTING PARK LIGHTING CIRCUIT TO NEW LUMINAIRE LOCATION. PROVIDE (2) 10 AWG AND (1) 10 AWG GROUND IN 1" C. PROVIDE 600V SOLID COPPER THHN/THWN-2 CONDUCTORS IN TYPE II SCHEDULE 40 PVC. MAKE CONDUIT CONNECTIONS WITH WATERPROOF SOLVENT CEMENT.



DESIGNED BY	DRAWN BY	CHECKED BY	DATE APPD.	REVISION	DATE	DESCRIPTION
	JK	RM				

kpff
 800 Willamette Street, Suite 400
 Eugene, OR 97401
 O: 541.684.4902
 F: 541.684.4909
 www.kpff.com

PAE
 pae-engineers.com

REGISTERED PROFESSIONAL ENGINEER
 93884PE
 SEP 11 2016
 OREGON
 ROBERT A. MILLS
 01/19/22
 EXPIRES 12-31-2022

ALBANY WATERFRONT PROJECT
 WATER AVENUE
 SITE PLAN - ELECTRICAL

SHEET NO.
E2.07

PHASE 1 BID SET - 03/14/2022



REVISION	DATE	DESCRIPTION

DESIGNED BY: TLW
 DRAWN BY: AD
 CHECKED BY: SF
 DATE APPD: 10/15/2021

kpff
 111 SW Fifth Ave., Suite 2500
 Portland, OR 97204
 O: 503.227.3251
 F: 503.227.7980
 www.kpff.com

WALKER MACY
 111 SW OAK SUITE 200
 PORTLAND, OR 97204
 503-228-3122

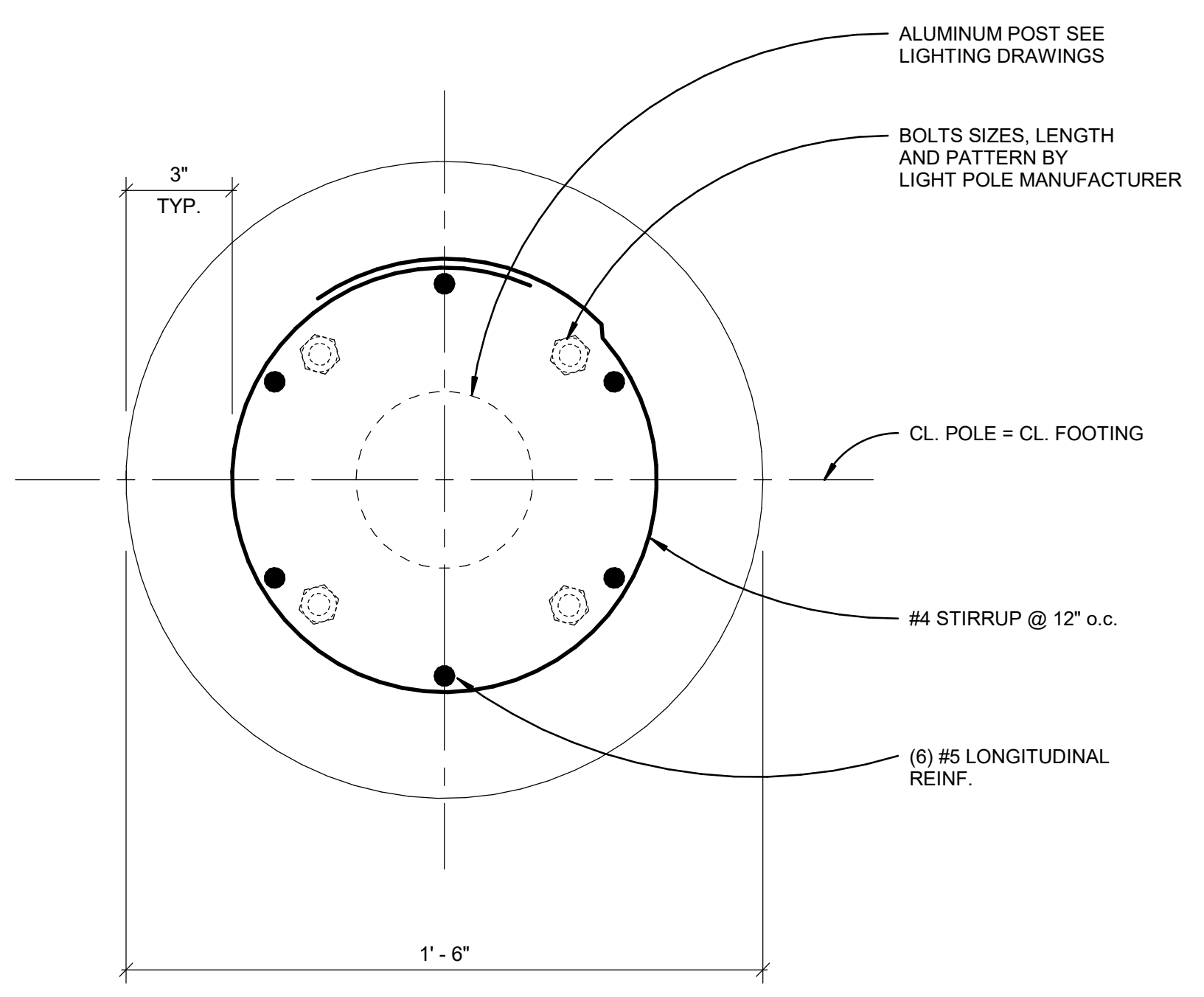
REGISTERED PROFESSIONAL ENGINEER
 19808
 DIGITALLY SIGNED
 OREGON
 NOV 14 2008
 CRAIG J. TOTEN
 EXPIRES 06-30-22
 03/10/2022

ALBANY WATERFRONT PROJECT
 PUBLIC IMPROVEMENT PLANS
 MATERIAL PLAN

SHEET NO.

S5.01

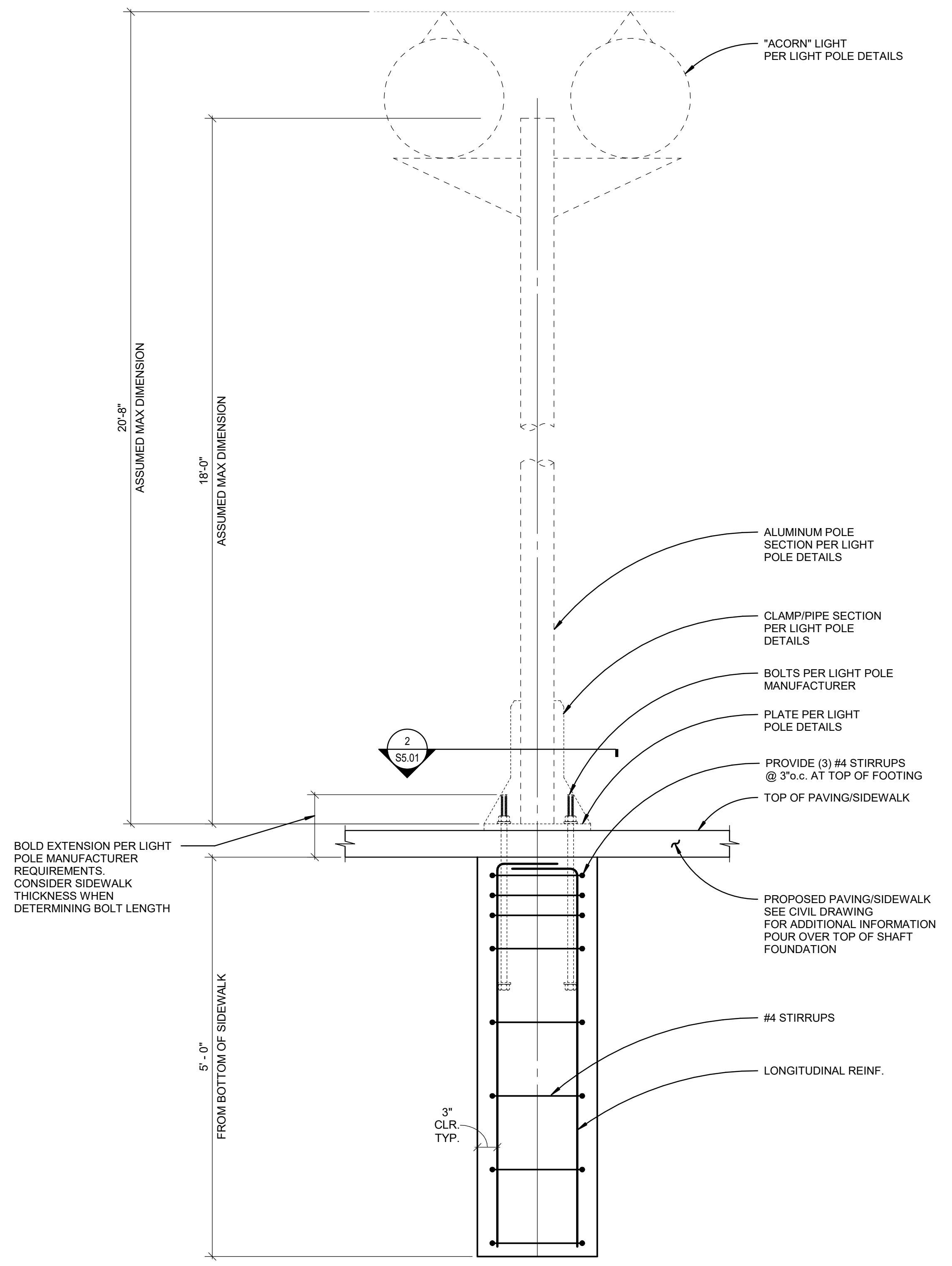
PHASE 1 BID SET - 03/14/2022



NOTES

1. CONCRETE MIX 28 DAY COMPRESSIVE STRENGTH, F'C SHALL BE 4000 PSI OR GREATER
2. ALUMINUM LIGHT POLE PER MANUFACTURER, SEE LIGHTING DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN
3. CONCRETE REINFORCEMENT SHALL BE ASTM A615 GRADE 60 REBAR.
4. ANALYSIS ASSUMED A MAXIMUM ATTACHMENT HEIGHT AT TOP OF POLE OF 18'-0" WITH AN EFFECTIVE TOTAL AREA OF 11 ft².

2 TYPE E4 FOUNDATION PLAN VIEW
 3" = 1'-0"



1 TYPE E4 LIGHT POLE FOOTING ELEVATION
 1" = 1'-0"

3/10/2022 2:02:44 PM ALBANY WATERFRONT PROJECT - LIGHT POLE - LIGHT POLE MANUFACTURER - LIGHT POLE (S.20)
 JOB No. 1102180435 - LIGHT POLE (S.20)