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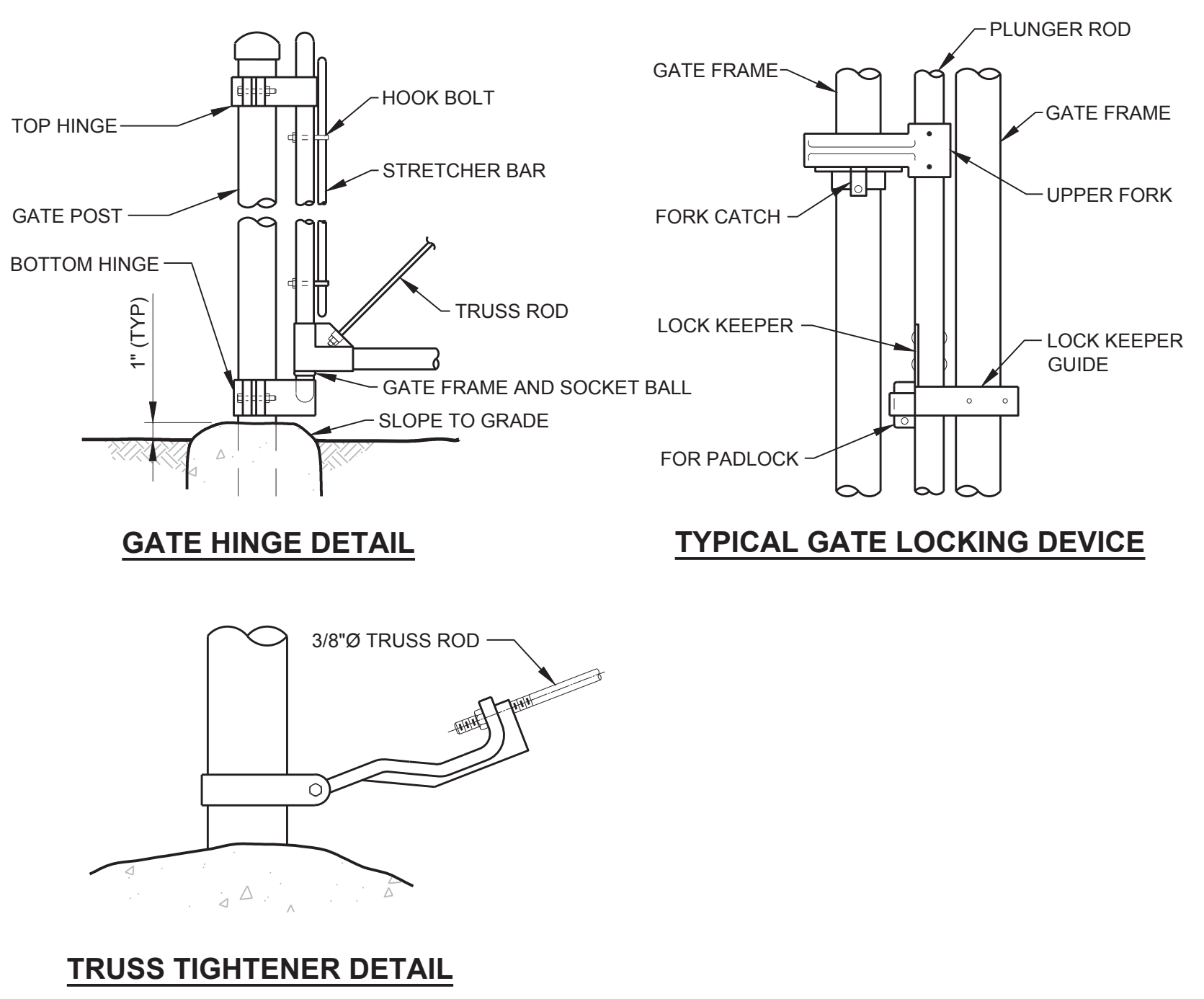
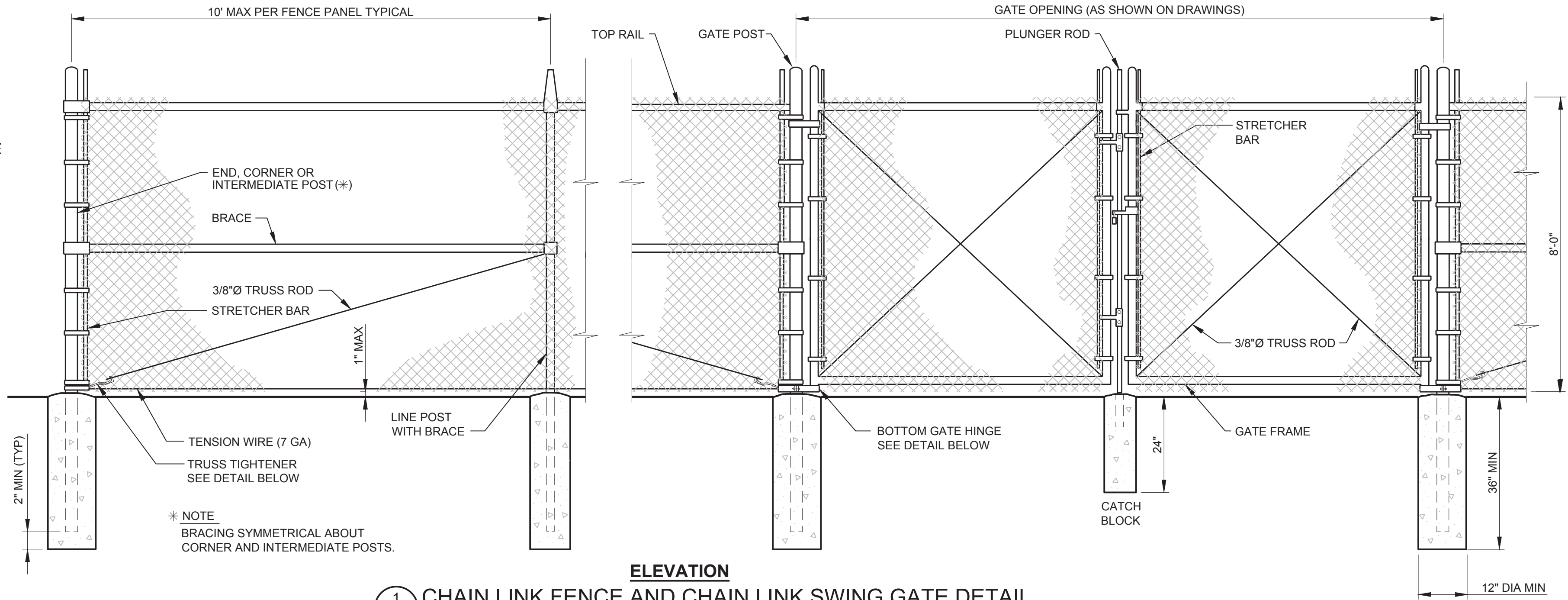
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RECEIVED 76443PE
DIGITALLY SIGNED
OREGON
JAN 08, 2009
MICHAEL DAVID HUMM
EXPIRES: 6/30/23

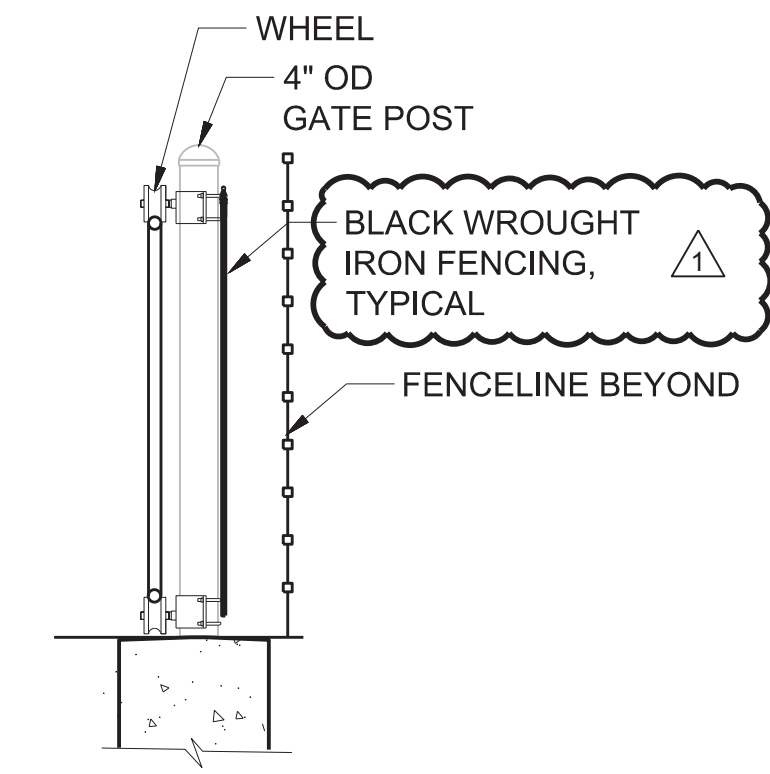
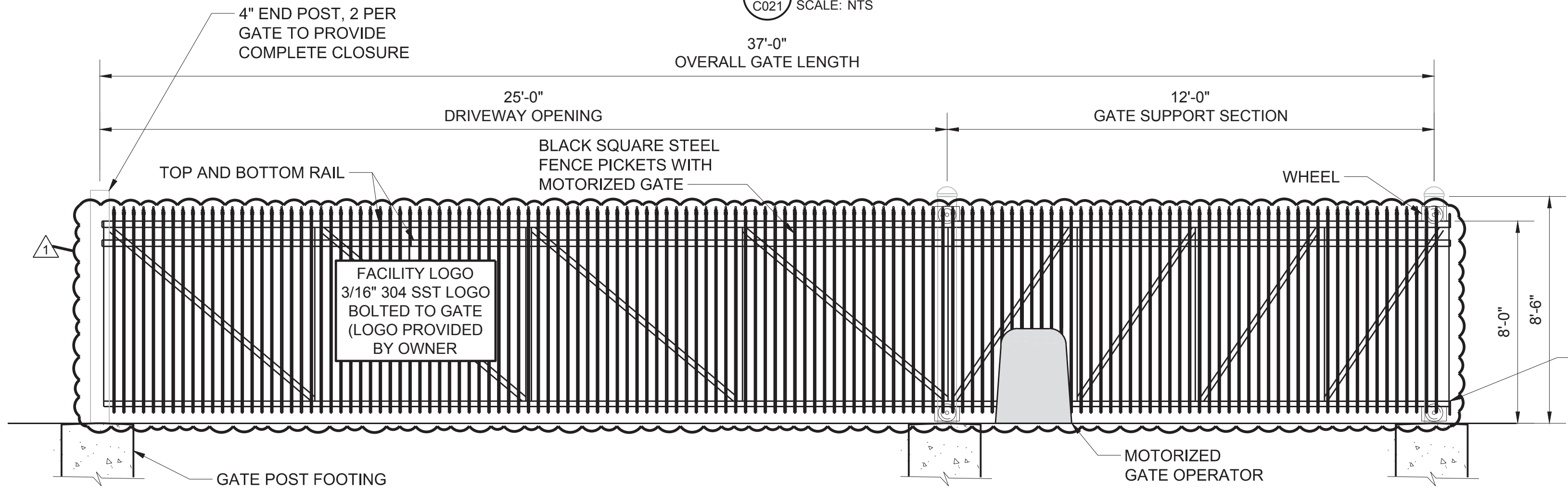
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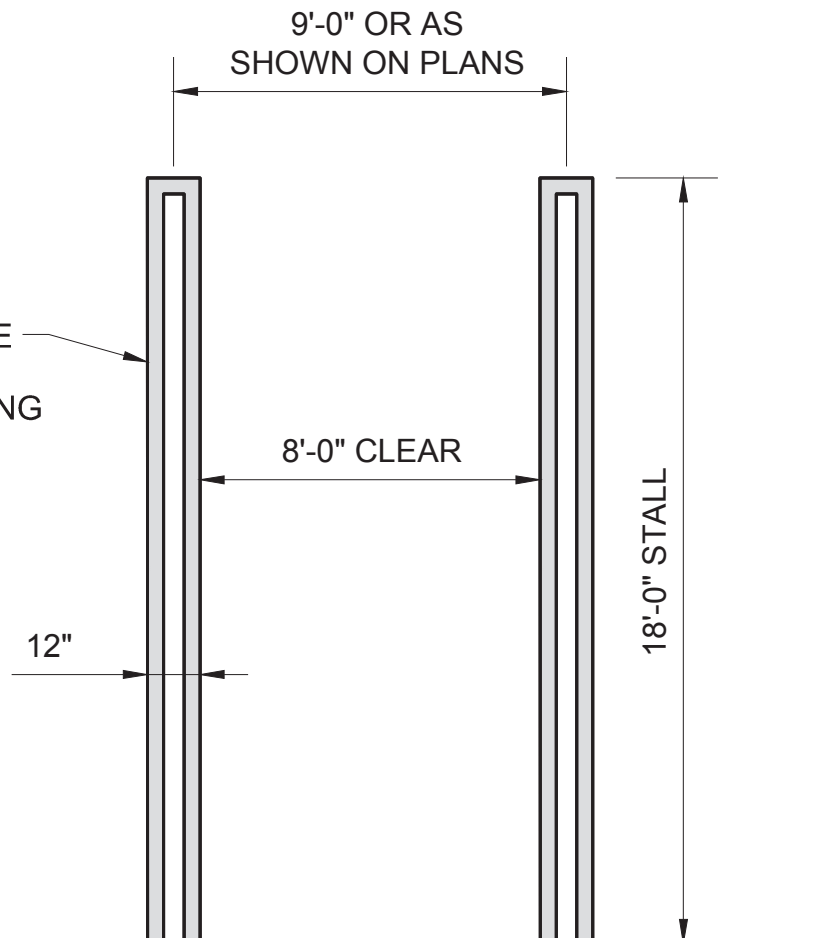
- REFER TO PLAN, SHEET C021, FOR GATE ORIENTATION AND DIRECTION OF OPERATION.
- DIAGONAL CROSS BRACING ACROSS ENTIRE GATE LENGTH.
- REVERSE CROSS BRACING AT SUPPORT SECTION.
- FABRIC SHALL HAVE TWISTED TOP AND BOTTOM SELVAGES.
- FASTEN THE BOTTOM TENSION WIRE WITHIN THE BOTTOM 4" OF FABRIC.
- ALL TENSION WIRE SHALL MATCH FENCE FABRIC.
- TENSION WIRE SHALL BE SECURELY FASTENED TO THE CORNER POSTS, AND SHALL BE TAUT AND FREE OF SAG.
- PLACE NEW END (CORNER) POSTS ADJACENT TO EXISTING FENCE. WIRE POST TO EXISTING FENCE.



1 CHAIN LINK FENCE AND CHAIN LINK SWING GATE DETAIL
C021 SCALE: NTS



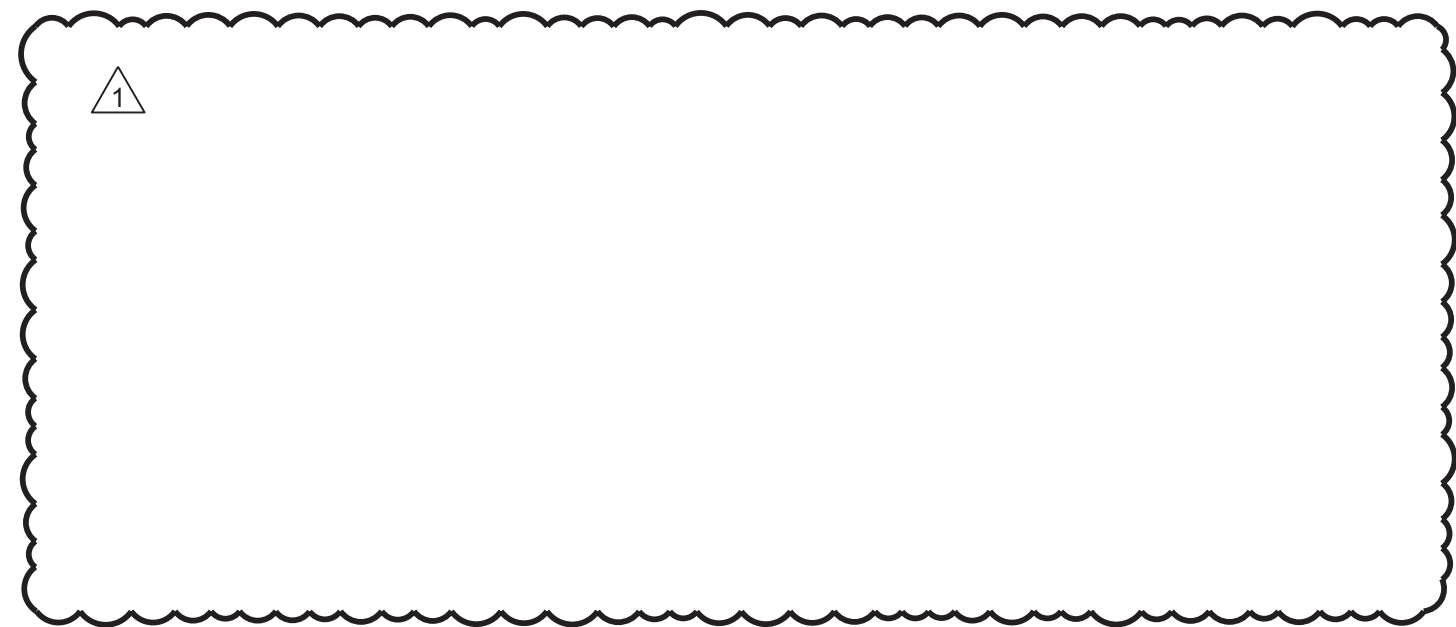
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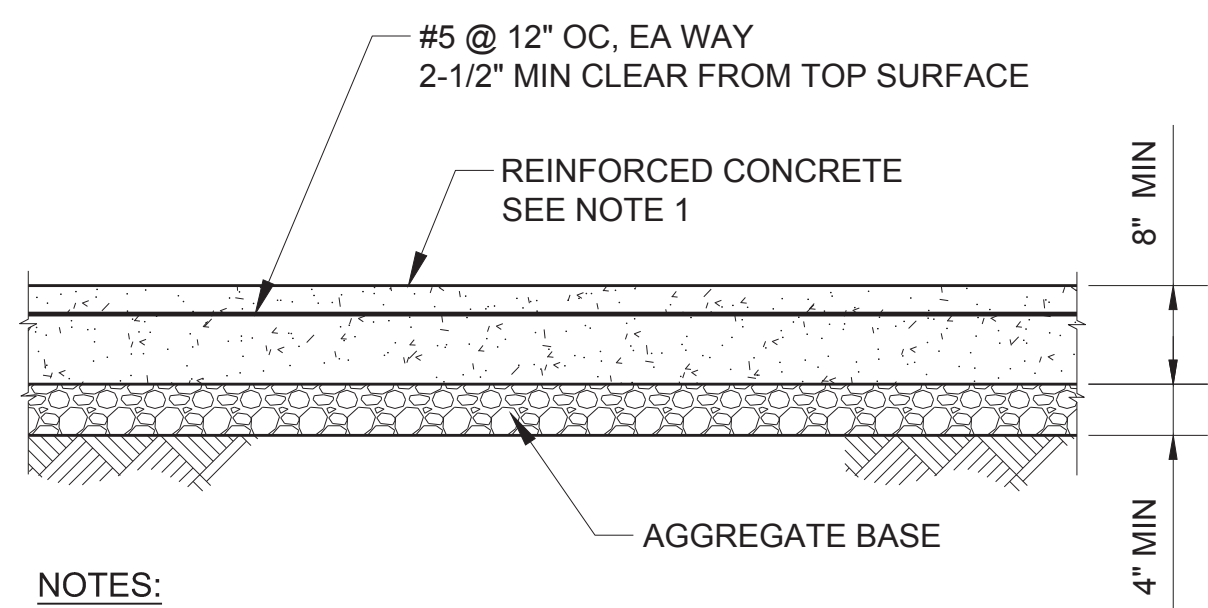
2 TYPICAL PARKING STALL
C022 SCALE: NO SCALE

NOTES:

- ALL POSTS, FITTINGS, FASTENERS, AND STEEL TUBE (FOR HSS FENCING) SHALL BE HOT DIP GALV AND POWDER COATED BLACK.
- PROVIDE TWO END POSTS PER GATE LEAF TO PROTECT THE GATE TERMINATION. END POSTS SHALL BE POSITIONED TO MAINTAIN A COMPLETE SECURITY BOUNDARY IN THE CLOSURE POSITION.
- CONC SHALL BE MIN 2500 PSI @ 28 DAYS.
- PROVIDE BRACE RAIL BETWEEN END POSTS AND LINE POSTS. LENGTHS AS REQ'D.
- PROVIDE GATE STOPS AND DROP RECEIVERS SET IN CONCRETE, EACH GATE.
- PROVIDE EXTENSION ARMS ON LINE, END AND CORNER POSTS AND GATE POSTS AS REQ'D.
- ALL POSTS AND RAILS TO MATCH FENCE COLOR. SEE NOTE 1.
- DIAGONAL CROSS BRACING REQUIRED ACROSS ENTIRE GATE LENGTH.
- REVERSE CROSS BRACING AT GATE SUPPORT SECTION.
- REFER TO PLAN FOR GATE ORIENTATION AND DIRECTION OF OPERATION.
- FOR HSS CANTILEAVERED GATE, HSS TUBE PICKETS TO MATCH ADJACENT FENCE MATERIAL AND SPACING. SEE 4/L04 FOR HSS FENCE DETAIL. FENCE AND GATE TO BE GENESIS.



2 HIGH STRENGTH STEEL (HSS) CANTILEAVERED ELECTRIC GATE DETAIL
C022 SCALE: 1" = 20'-0"
C024



NOTES:

- INSTALL REINFORCED CONCRETE ROADWAYS PER CITY OF HILLSBORO STANDARD DRAWING #220-1. SEE STANDARD DETAIL FOR ADDITIONAL REQUIREMENTS.

3 REINFORCED CONCRETE PAVING SECTION
SCALE: NO SCALE

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C003
CHK: CLW	CAD FILE #: 187600813-C003
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
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SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	WAS	MDH	ADDENDUM #2

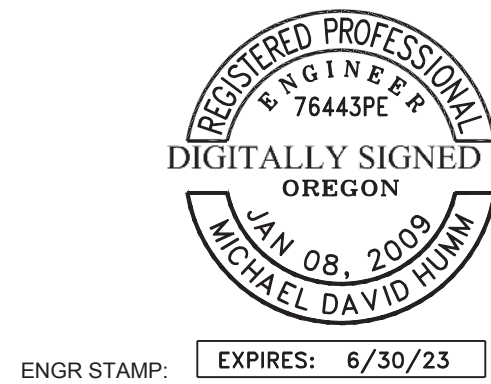


PROJ NAME:
ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION
Kennedy Jenks

SHEET TITLE:
CIVIL
STANDARD DETAILS 3

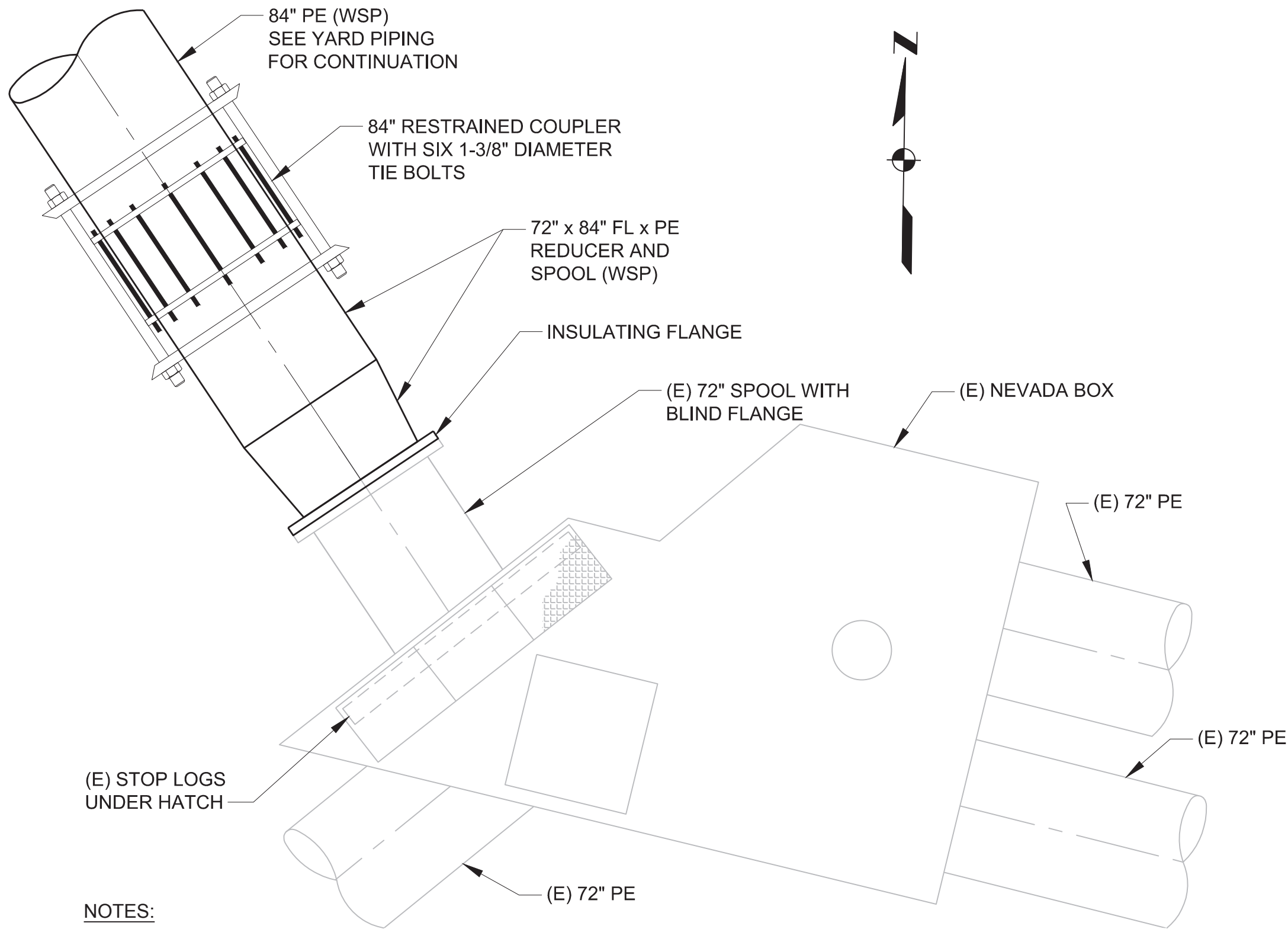
SHEET: 14 OF: 174
PLOT DATE: 3/22/23
PLC #: N/A
CWS PROJ #: 7012

DWG #:
C003



ENGR STAMP: EXPIRES: 6/30/23

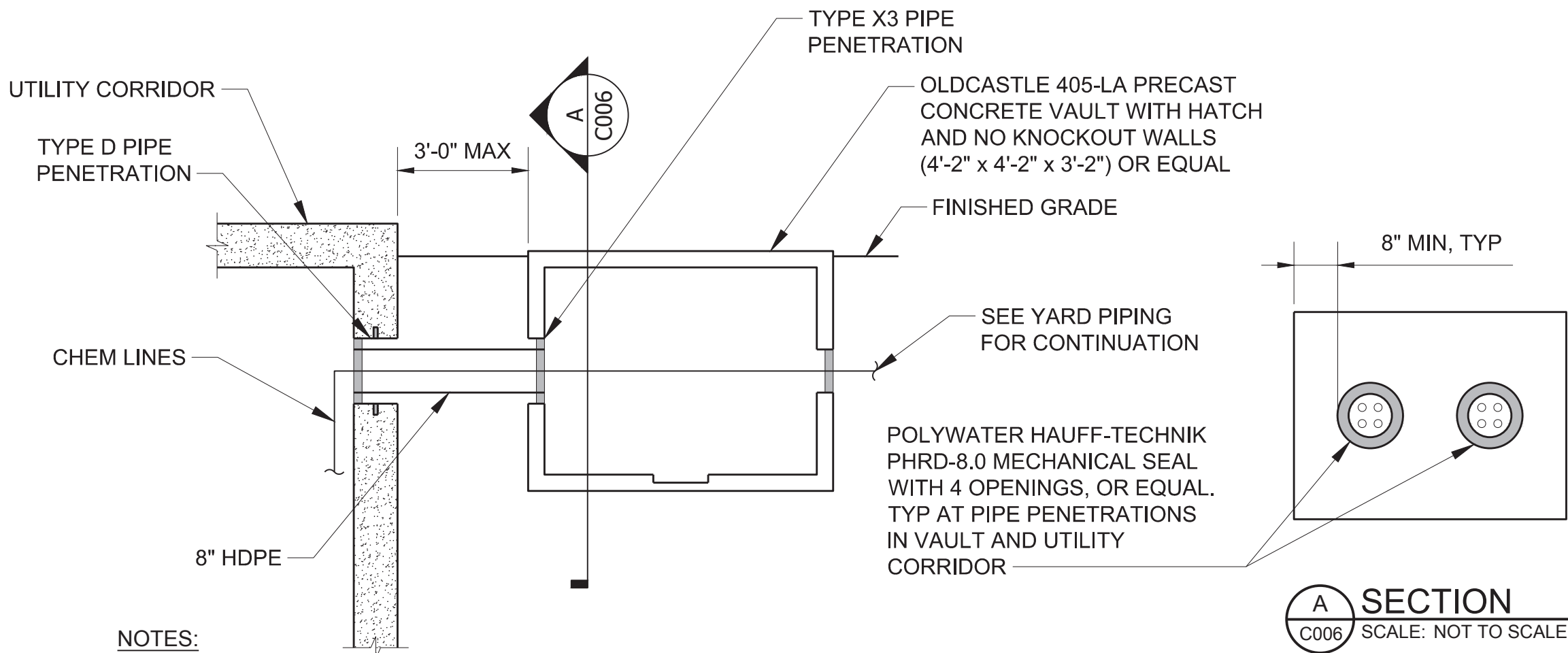
100% SUBMITTAL
(FOR BID)



NOTES:

- INSTALL 84" PE FROM NEW CLARIFIER TO PLAIN END OF RESTRAINED COUPLER.
- UTILIZE (E) STOP LOGS AND CONTRACTOR FURNISHED TEMPORARY SUMP PUMPING TO MAKE FLANGED CONNECTION TIE-IN.
- USE RESTRAINED COUPLER TO CONNECT INSTALLED 84" PE TO FL x PE SPOOL AND REDUCER.
- SEE SECTION 01140 FOR ADDITIONAL REQUIREMENTS.

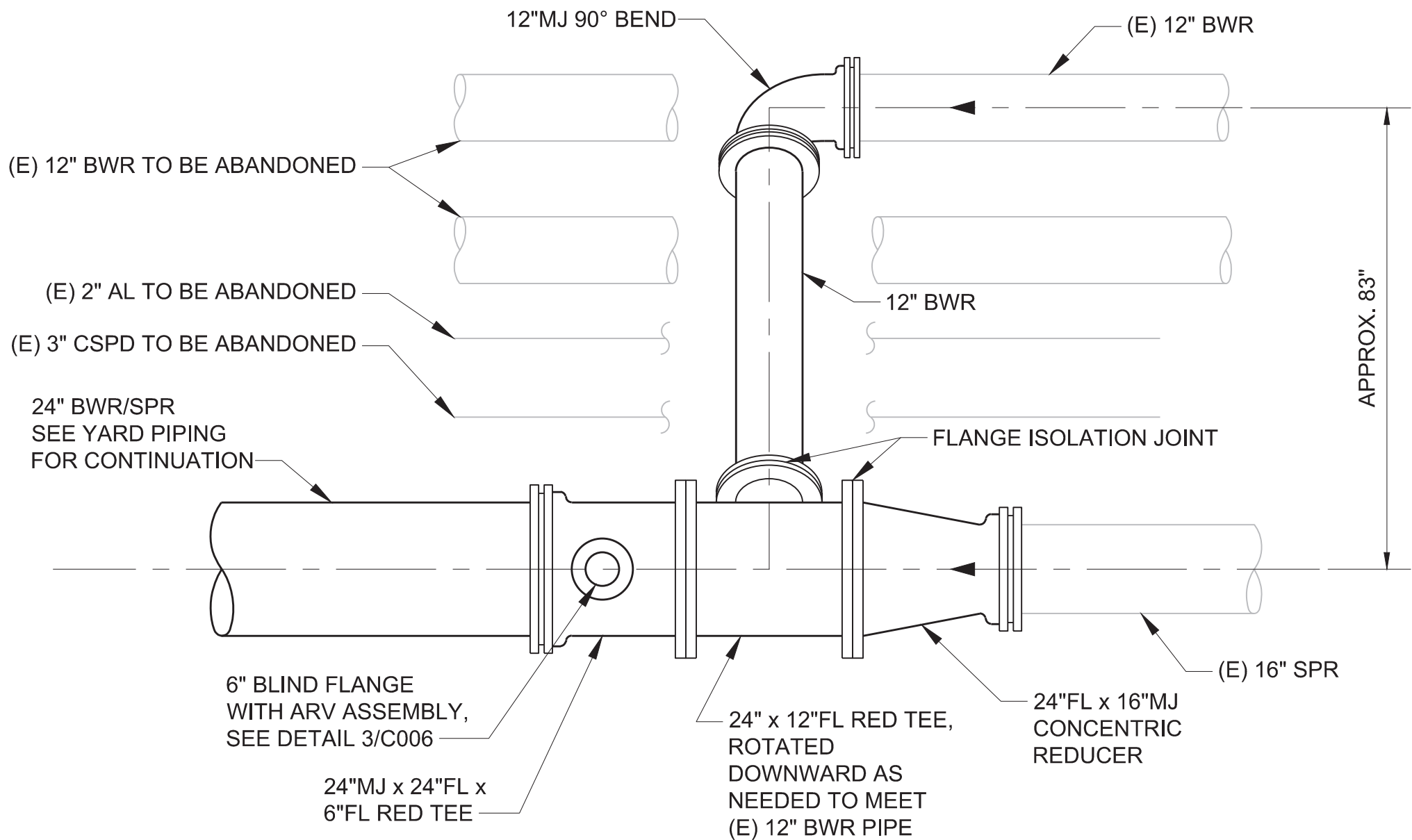
1 NEVADA BOX TIE-IN DETAIL
C042 SCALE: NO SCALE



NOTES:

- CHEM LINES INCLUDE 2" AL, 2" NAOCL, 1 1/2" NAOH, AND 2" HPA.
- SEE MECHANICAL FOR INVERTS OF CHEM LINES OUT OF UTILITY CORRIDOR. MATCH INVERTS THROUGH VAULT. ALL CHEM LINES SHALL BE SAME INVERT ELEVATION.
- USE LOWER TWO OPENINGS ON EACH MECHANICAL SEAL PIPE FOR CHEM LINES. UPPER TWO OPENINGS SHALL BE LEFT BLANK FOR FUTURE USE.
- FIELD VERIFY ARRANGEMENT OF CHEM LINES IN YARD PIPING. MATCH EXISTING.

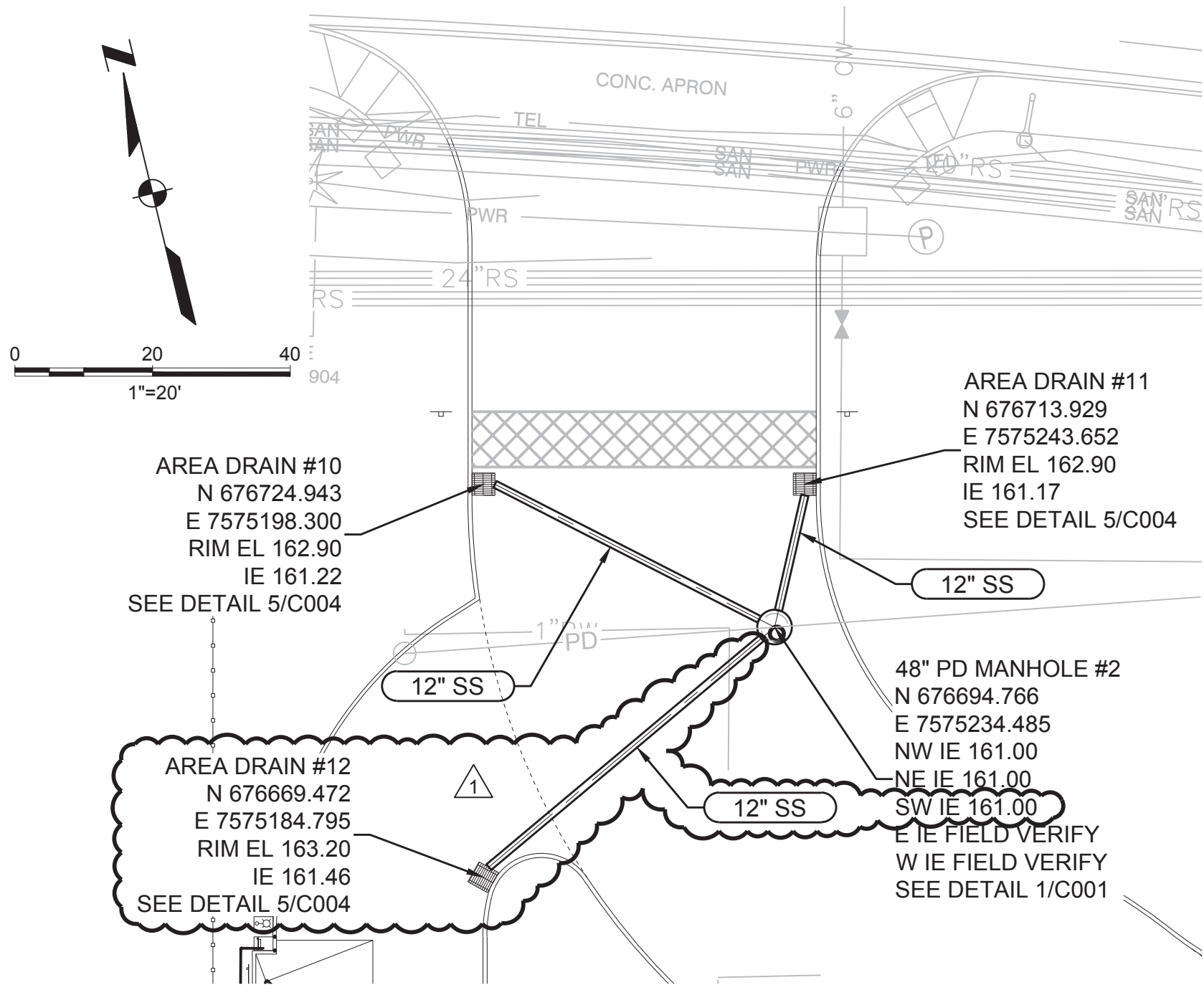
4 CHEM LINES VAULT DETAIL
C041 SCALE: NOT TO SCALE



NOTES:

- REMOVE PIPE TO BE ABANDONED AS NEEDED FOR INSTALL OF SPR AND BWR CONNECTION. INSTALL PERMANENT PLUG OR CAP ON CUT ENDS.

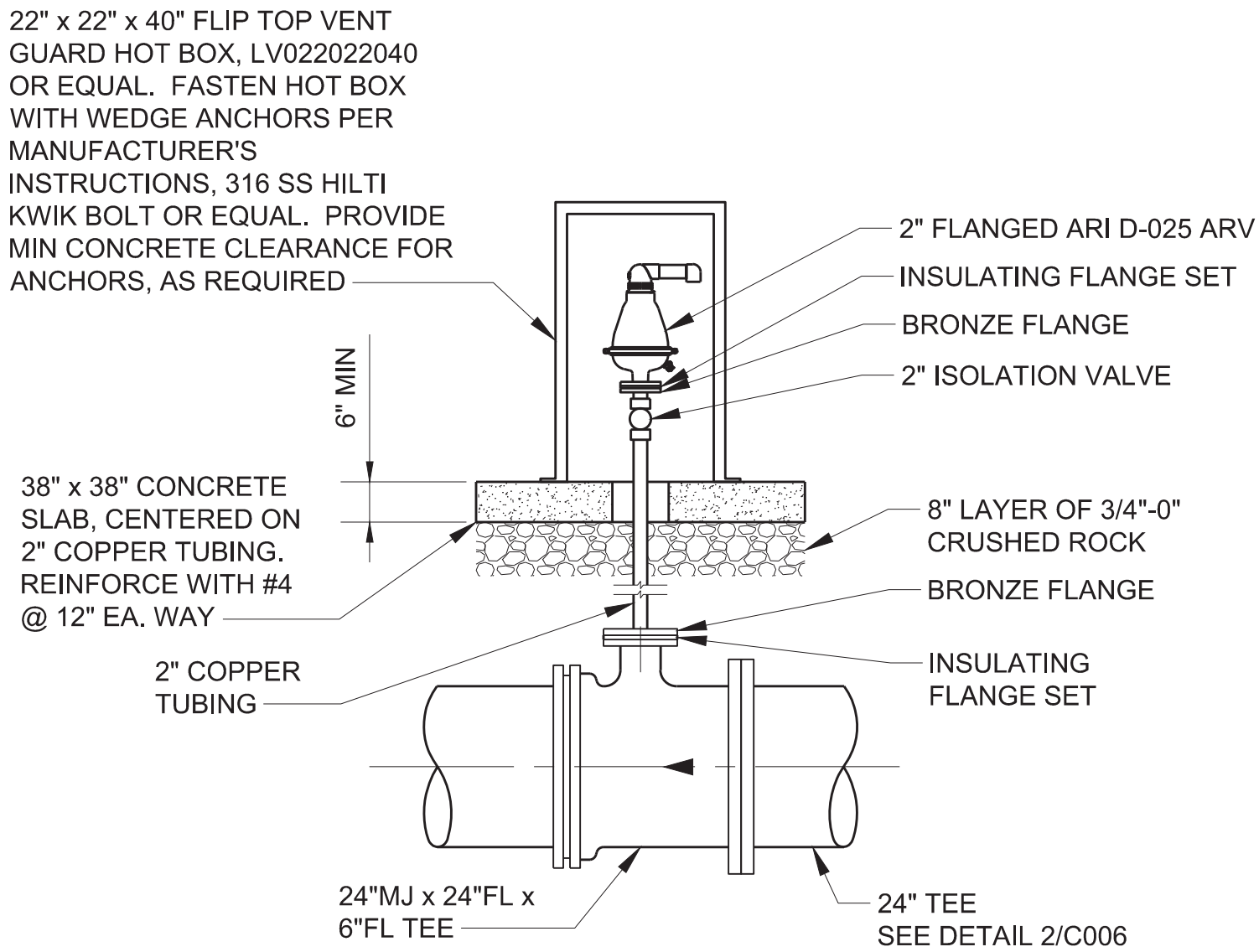
2 SPR AND BWR CONNECTION DETAIL
C042 SCALE: 1" = 2'



NOTES:

- FIELD VERIFY DEPTH OF PLANT DRAIN LINE AT MANHOLE LOCATION.
- 12" SS PIPES SHALL BE DUCTILE IRON AND SHALL MEET PIPE REQUIREMENTS ON G005.
- INSTALL 48" MANHOLE OVER EXISTING PIPE.

5 NORTH ENTRY ROAD SANITARY STORM PIPING
C042 SCALE: NOTED



3 ARV ASSEMBLY DETAIL
C006 SCALE: 1" = 2'

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C004
CHK: CLW	CAD FILE #: 187600813-C006
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	WAS	JO	ADDENDUM #2

Clean Water Services
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:
ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION
Kennedy Jenks

SHEET TITLE:
CIVIL
DETAILS 2

SHEET: 17 OF: 174
PLOT DATE: 3/23/23
PLC #: N/A
CWS PROJ #: 7012

DWG #:
C006

REGISTERED PROFESSIONAL
ENGINEER
DIGITALLY SIGNED
OREGON
JAN 08, 2008
MICHAEL DAVID RUMM
ENGR STAMP: EXPIRES: 6/30/23

100% SUBMITTAL
(FOR BID)

1. SEE SPECIFICATION SECTION 02050 FOR DEMOLITION REQUIREMENTS.
2. CONTRACTOR TO PROPERLY DISPOSE OF ALL HAZARDOUS CHEMICALS FOUND PER LOCAL, STATE, AND FEDERAL REGULATIONS.
3. DETAILS ON THIS SHEET ARE TO PROVIDE CONTEXT FOR CONTENTS INSIDE BUILDINGS TO BE DEMOLISHED AND DO NOT REPRESENT EVERYTHING THE CONTRACTOR MAY FIND. ENTIRETY OF BUILDINGS ARE TO BE REMOVED BY CONTRACTOR AS SHOWN ON THE PLANS.
4. SEE SPECIFICATION SECTION 02050 FOR DETAILS ON DEMOLITION.
5. GENERALLY, ALL BUILDINGS REQUIRING DEMOLITION CONTAIN MECHANICAL EQUIPMENT, PIPING, VALVES & ACCESSORIES, ELECTRICAL & INSTRUMENTATION GEAR, CONDUITS, WIRES, HVAC EQUIPMENT, AND DUCT WORK. BUILDINGS AND CLARIFIERS ARE REINFORCED CONCRETE BUILDINGS.



- PROJECT REMOVE VEGETATION
AND CONCRETE
RETAINING WALL

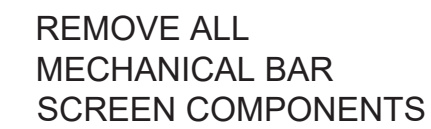


- REMOVE SEPTAGE BUILDING



- REMOVE ALL PIPING
AND VALVES ———
- REMOVE STEPS AND
RAILINGS ———

CONFINED SPACE AREA

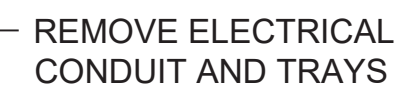


- REMOVE ALL MECHANICAL BAR SCREEN COMPONENTS

- REMOVE GUARDRAILS

- REMOVE
CONCRETE FLOOR

4 HEADWORKS SCREENING AREA



- REMOVE ALL PUMPS, VALVES, PIPING, AND PIPE SUPPORTS

- REMOVE CONCRETE PEDESTALS



- REMOVE ALL PIPING, VALVES, AND PIPE SUPPORTS

- REMOVE ALL LIGHTING FIXTURES



- SAWCUT EXISTING
RETAINING WALL,
REMOVE TO GRADE —
- REMOVE VEGETATION
FOR NEW 48" SIDEWALK

- REMOVE COLUMNS, CHAINLINK, AND BARBED WIRE

48"

5 HEADWORKS PUMP GALLERY



7 FENCE AND RETAINING WALL DEMOLITION
C012 SCALE: NOT TO SCALE

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1	03/24/2023	WAS	JO	ADDENDUM #2
REV #	DATE	DRN	APPD	DESCRIPTION

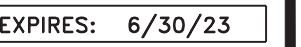
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

 Kennedy Jenks

DEMOLITION DETAILS 1

PLOT DATE:	3/24/23
PLC #:	N/A
CWS	7012

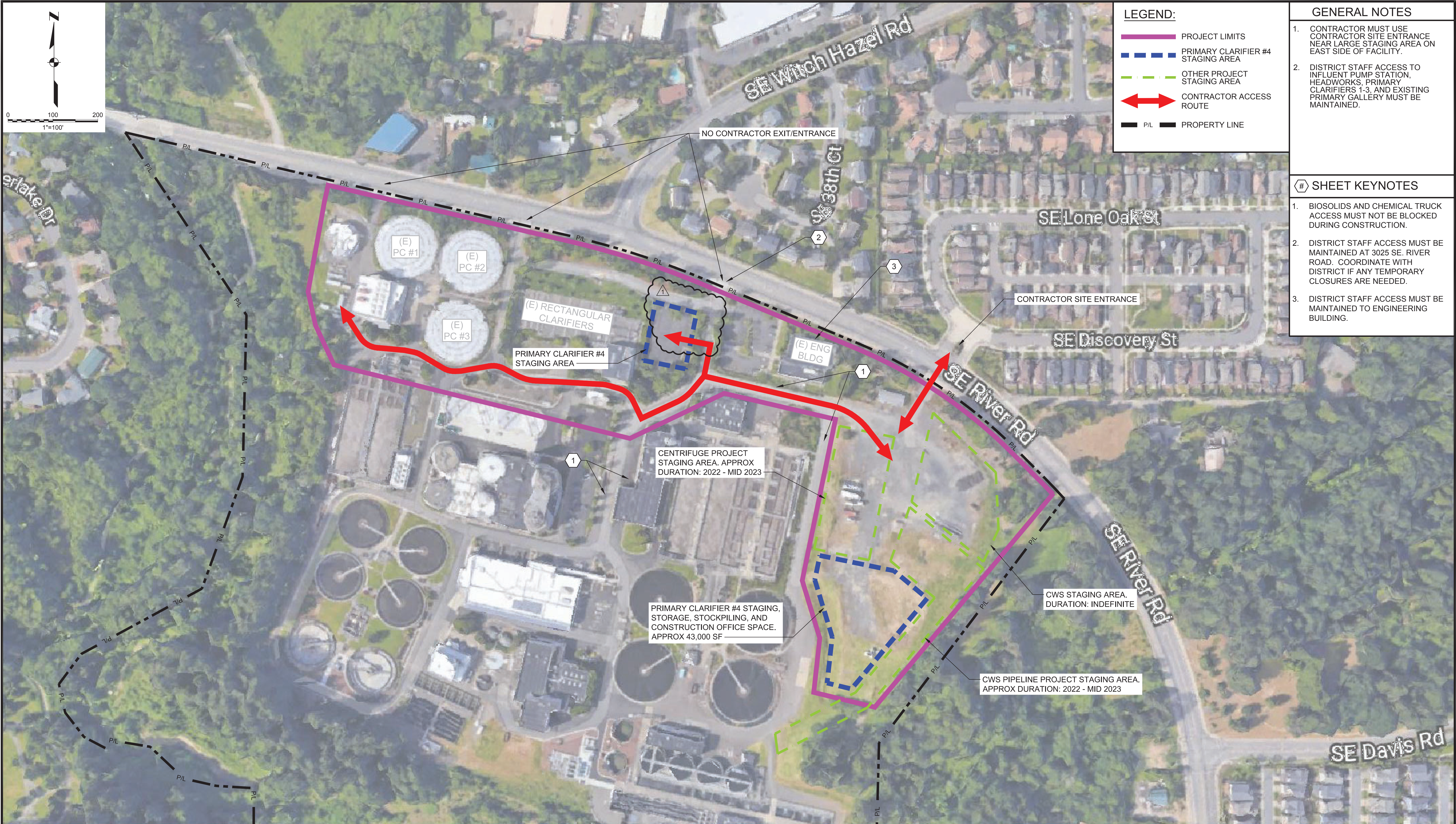
C014



ENGR STAMP:

EXPIRES: 6/30/23

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(FOR BID)



- LEGEND:**
- PROJECT LIMITS
 - PRIMARY CLARIFIER #4 STAGING AREA
 - OTHER PROJECT STAGING AREA
 - CONTRACTOR ACCESS ROUTE
 - P/L PROPERTY LINE

- GENERAL NOTES**
- CONTRACTOR MUST USE CONTRACTOR SITE ENTRANCE NEAR LARGE STAGING AREA ON EAST SIDE OF FACILITY.
 - DISTRICT STAFF ACCESS TO INFLUENT PUMP STATION, HEADWORKS, PRIMARY CLARIFIERS 1-3, AND EXISTING PRIMARY GALLERY MUST BE MAINTAINED.
- # SHEET KEYNOTES**
- BIOSOLIDS AND CHEMICAL TRUCK ACCESS MUST NOT BE BLOCKED DURING CONSTRUCTION.
 - DISTRICT STAFF ACCESS MUST BE MAINTAINED AT 3025 SE. RIVER ROAD. COORDINATE WITH DISTRICT IF ANY TEMPORARY CLOSURES ARE NEEDED.
 - DISTRICT STAFF ACCESS MUST BE MAINTAINED TO ENGINEERING BUILDING.

CONSTRUCTION ACCESS PLAN

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C016
CHK: CLW	CAD FILE # 187600813-C016
APPD: CLW	SCALE: AS NOTED

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REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF PRIMARY CLARIFIER NO. 4 TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE: CIVIL CONSTRUCTION ACCESS PLAN

SHEET: 24 OF: 174
PLOT DATE: 3/21/23
PLC #: N/A
CWS PROJ #: 7012

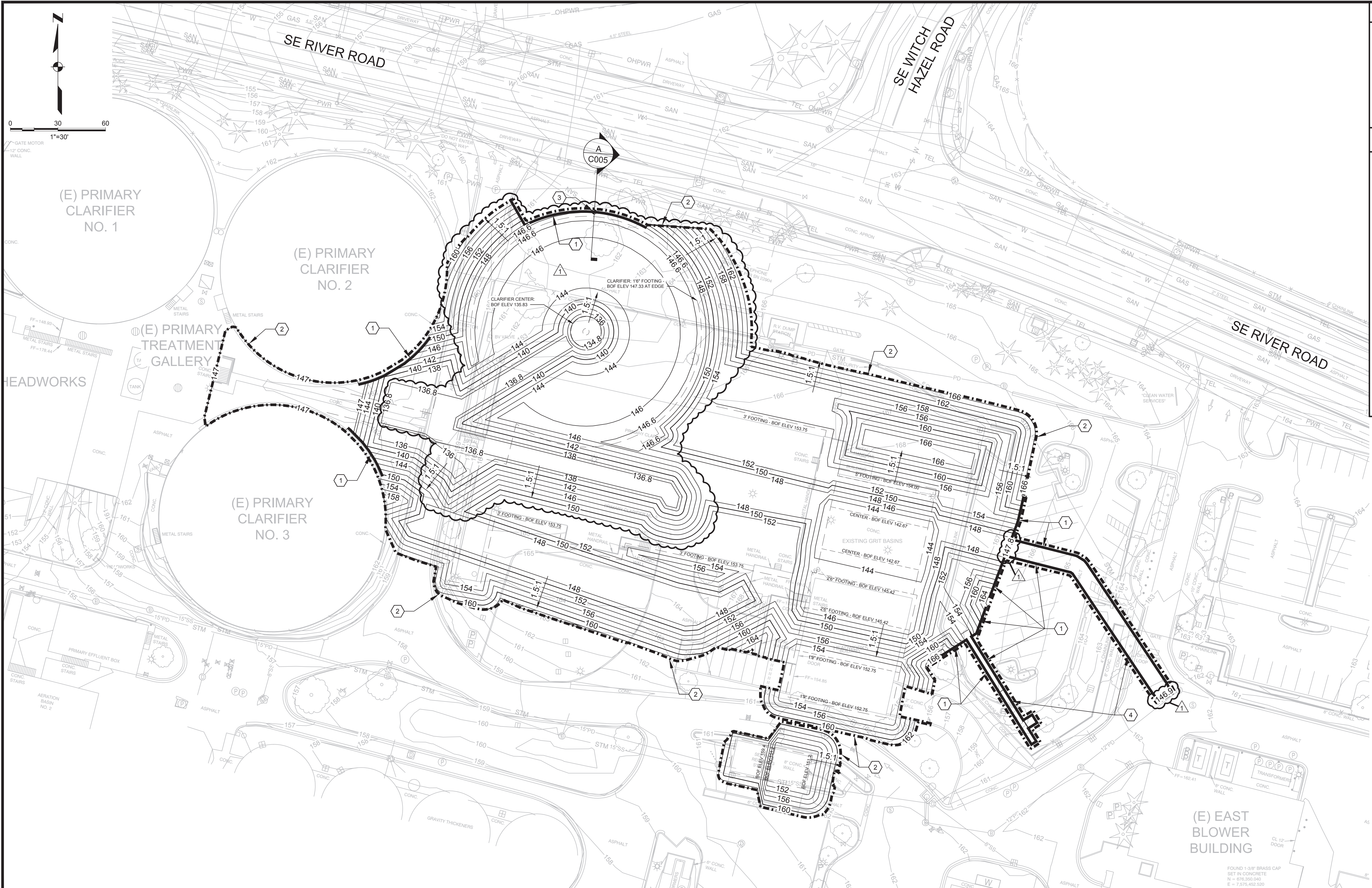
DWG #: C016

REGISTERED PROFESSIONAL ENGINEER
DIGITALLY SIGNED
OREGON
JAN 08, 2009
MICHAEL DAVID RUNN

ENGR STAMP: EXPIRES: 6/30/23

100% SUBMITTAL (FOR BID)

File: C:\bme\kjc\p\017530187600813_C016.dwg
Plotted: 3/21/23 at 2:18pm By: WendyShare



- GENERAL NOTES
1.

SEE SPECIFICATION SECTION 02350 FOR EXCAVATION SUPPORT REQUIREMENTS.
2.

SEE SPECIFICATION SECTION 02145 FOR DEWATERING REQUIREMENTS.
3.

CONTRACTOR TO PROTECT IN PLACE ALL EXISTING STRUCTURES, UTILITIES, AND FACILITIES THAT ARE TO REMAIN.
- # SHEET KEYNOTES
1.

ANTICIPATED LOCATION OF SHORING. CONTRACTOR RESPONSIBLE FOR SHORING DESIGN.
2.

APPROXIMATE EXCAVATION EXTENTS ARE SHOWN, INCLUDING EXTENTS OF DEMOLITION WORK RELATED TO THE EXISTING PRIMARY CLARIFIERS AND HEADWORKS FACILITIES. CONTRACTOR MEANS AND METHODS AND EXECUTION OF THE WORK MAY DIFFER FROM WHAT IS DEPICTED. CONFORM TO REQUIREMENTS OF SECTION 02350.
3.

CONTRACTOR TO CONFIRM LOCATION OF RS LINES PRIOR TO INSTALLATION OF SHORING. PIPE SHALL BE PROTECTED IN PLACE.
4.

SEE SHEET C043 FOR TRENCH EXCAVATION DEPTH OR 84" PE AND 24" BWR/SPR LINES.

EXCAVATION PLAN

DRN: WAS

ORIG DATE: AUGUST 2020

DSN: JO

DWG #: C018

CHK: CLW

CAD FILE #: 187600813-C018

APPD: CLW

SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE:

CIVIL
EXCAVATION PLAN

SHEET: 26 OF: 174

PLOT DATE: 3/20/23

PLC #: N/A

CWS PROJ#: 7012

DWG #:

C018

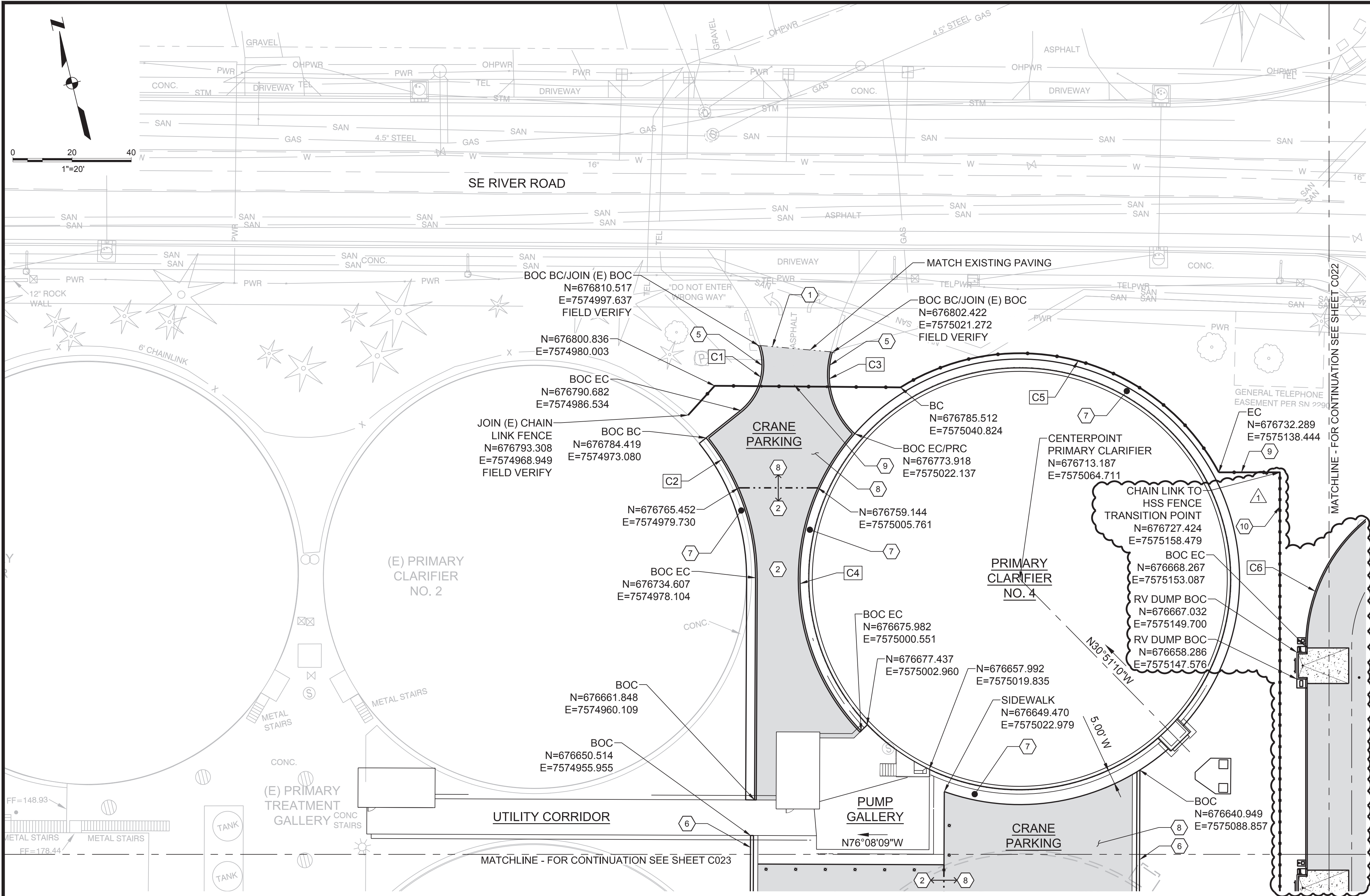
ENGR STAMP:

EXPIRES: 6/30/23

REGISTERED PROFESSIONAL ENGINEER
76443PE
DIGITALLY SIGNED
OREGON
JAN 08, 2009
MICHAEL DAVID HUNN

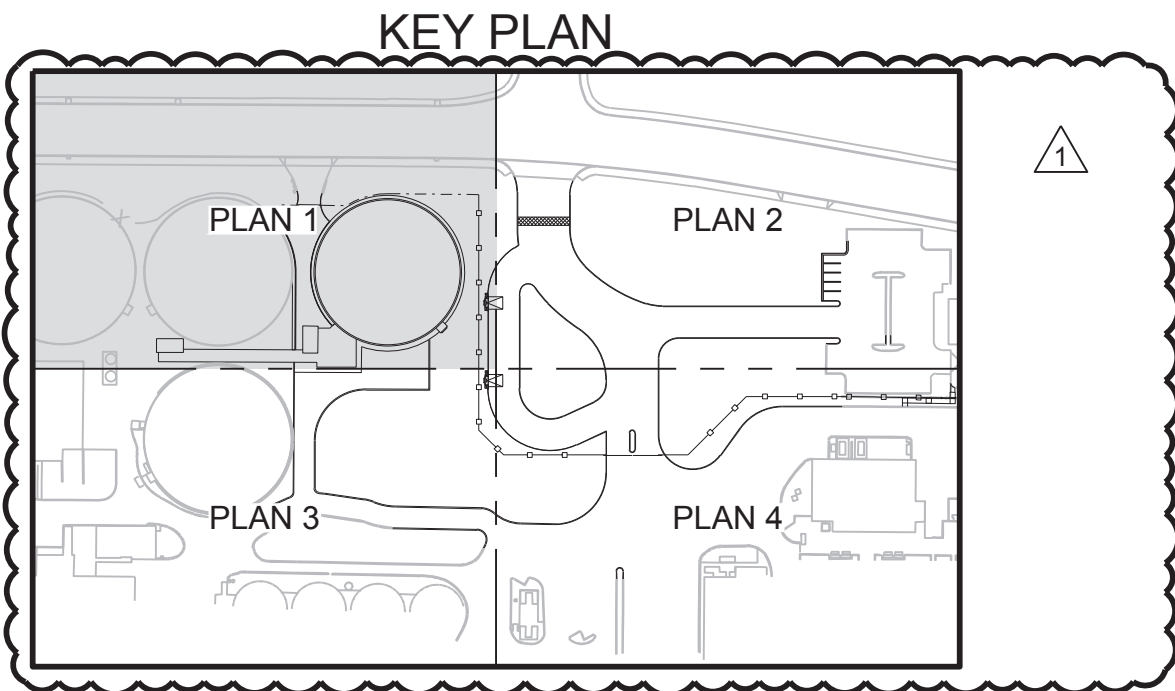
100% SUBMITTAL (FOR BID)

File: C:\bml\cws\p\dwg\17630187600813-C018.dwg
Plotted: 3/20/23 at 9:33am By: WendyShane



SHEET KEYNOTES

1. SAWCUT EXISTING AC PAVEMENT AND CURBS. SEE DETAIL 6/C002.
2. TYPICAL AC PAVING SECTION W/ CURBS PER DETAIL 1/C002.
3. NOT USED.
4. NOT USED.
5. 6" THICK CURB PER DETAIL 2/C002.
6. MOUNTABLE CURB PER DETAIL 7/C002.
7. 3' WIDE (UNLESS OTHERWISE SPECIFIED), 6" THICK SIDEWALK PER DETAIL 4/C002.
8. THICKENED AC AREA FOR CRANE AND OUTRIGGER PARKING. PAVING PER DETAIL 3/C002, INCREASE BASEROCK TO 16" AND INCREASE AC SECTION TO 8" TOTAL DEPTH. SEE DETAIL 6/C004 FOR TRANSITION REQUIREMENTS.
9. CHAIN LINK FENCE AND CHAIN LINK SWING GATE PER DETAIL 1/C003.
10. HSS FENCE PER DETAILS 1/C003 AND 3/L04.



C CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	RP NORTHING	RP EASTING
C1	24.22'	19.76'	070°13'52"	N=676808.493	E=7574977.983
C2	51.06'	74.44'	039°18'03"	N=676752.478	E=7574905.842
C3	29.99'	27.44'	062°37'35"	N=676788.881	E=7575045.133
C4	110.13'	74.17'	085°04'39"	N=676713.187	E=7575064.711
C5	124.63'	76.17'	093°45'10"	N=676713.187	E=7575064.711
C6	55.28'	55.50'	057°04'23"	N=676655.170	E=7575207.020

HORIZONTAL CONTROL AND PAVING PLAN 1

File: C:\bml\p\p\dwg\017650187600813.C021.dwg TAB C021
Plotted: 3/23/23 at 3:23pm By: WendyShare

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C021
CHK: CLW	CAD FILE #: 187600813-C021
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	WAS	JO	ADDENDUM #2



Clean Water Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

 Kennedy Jenks

SHEET TITLE:

CIVIL
HORIZONTAL CONTROL
AND PAVING PLAN 1

SHEET: 27 OF: 174


PLOT DATE: 3/23/23

PLC #: N/A

CWS PROJ #: 7012

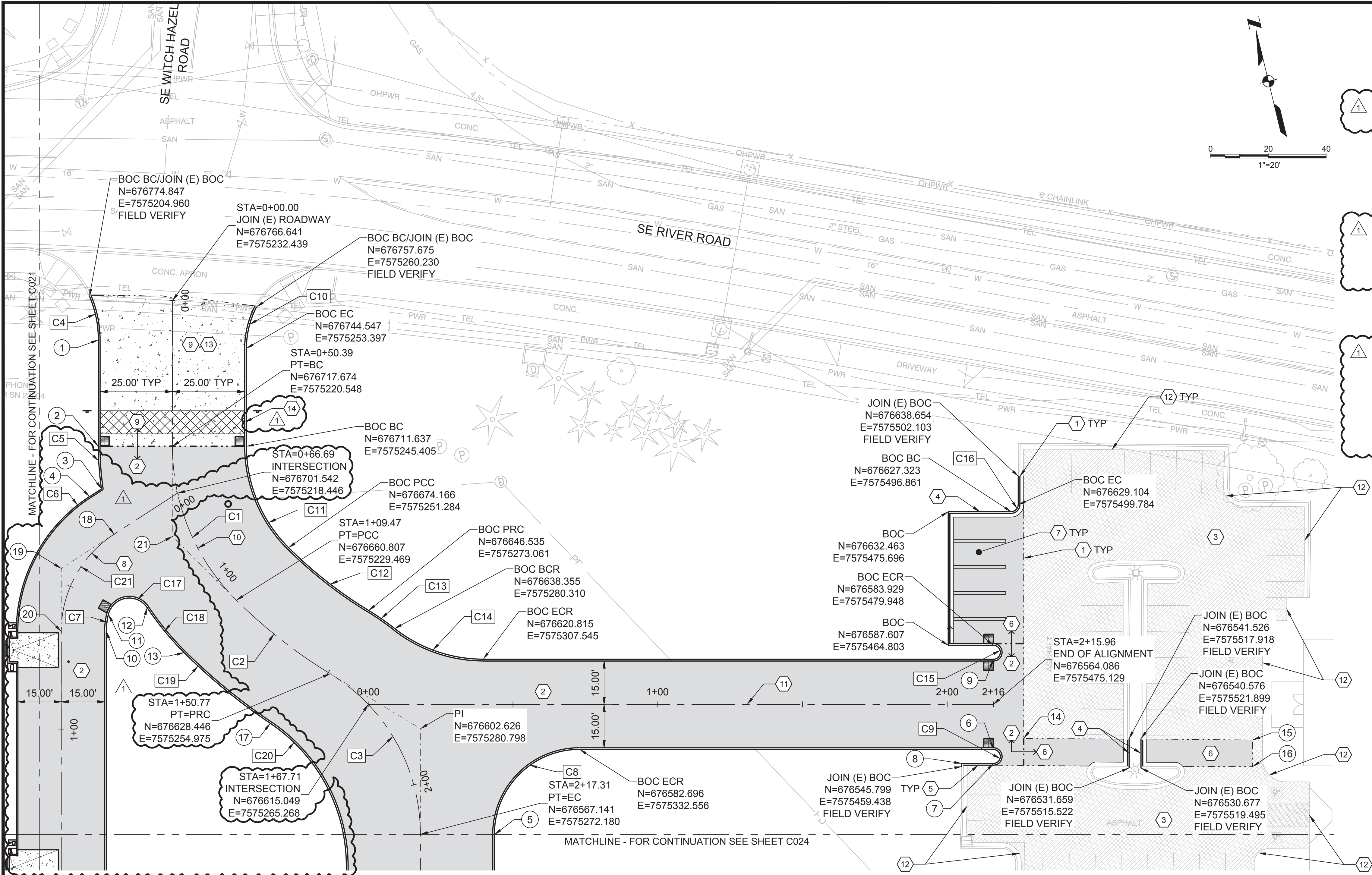
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C021



ENGR STAMP: EXPIRES: 6/30/23

100% SUBMITTAL
(FOR BID)



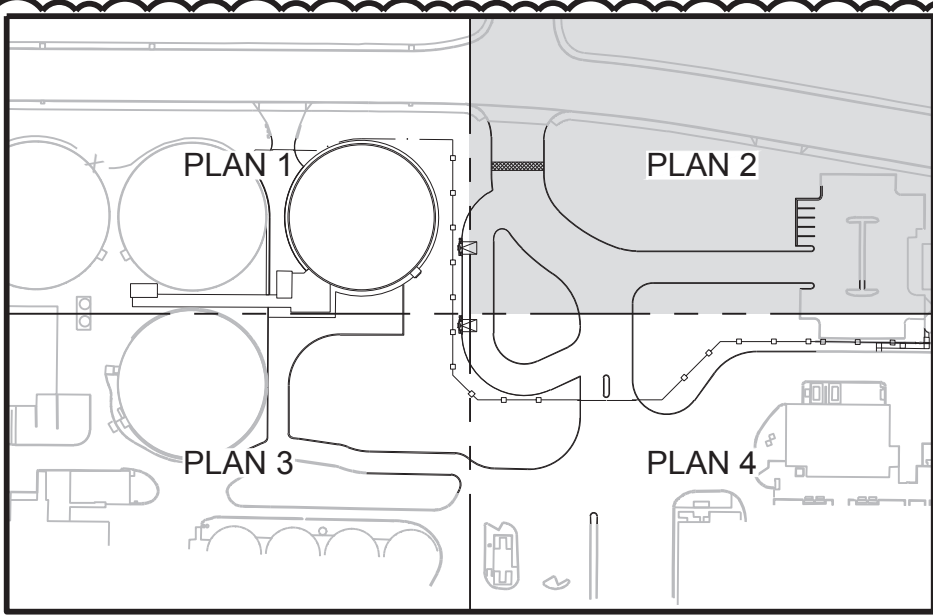
X POINT TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
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2	676723.710	7575195.690	BOC BC
3	676709.158	7575193.270	BOC EC
4	676707.559	7575188.697	BOC BC
5	676561.035	7575297.000	BOC BCR
6	676548.946	7575471.452	BOC BCR
7	676544.242	7575470.310	BOC ECR
8	676546.822	7575459.686	BOC
9	676579.225	7575478.806	BOC BCR
10	676660.933	7575183.290	BOC BC
11	676666.459	7575185.366	BOC PCC
12	676665.567	7575198.918	BOC PRC
13	676647.448	7575207.655	BOC PCC
14	676550.169	7575482.544	-
15	676530.981	7575559.280	-
16	676522.054	7575557.108	-
17	676616.704	7575230.812	BOC PRC
18	676692.928	7575193.814	STA=0+26.09 PT=BC
19	676685.747	7575173.283	PI
20	676664.610	7575168.150	STA=0+65.94 PT=EC
21	676687.387	7575213.193	PI

SHEET KEYNOTES

- SAWCUT EXISTING AC PAVEMENT AND CURBS. SEE DETAIL 6/C002.
- TYPICAL AC PAVING SECTION W/ CURBS PER DETAIL 1/C002.
- 2" GRIND AND OVERLAY RESURFACING.
- CURB AND GUTTER PER DETAIL 8/C002.
- 6" THICK CURB PER DETAIL 2/C002.
- TYPICAL AC PAVING PER DETAIL 3/C002.
- PARKING STALL PER DETAIL 2/C003.
- FOR RV DUMP ROAD PROFILE, SEE C034.
- REINFORCED CONCRETE PAVEMENT PER DETAIL 3/C003.
- FOR MAIN ROAD PROFILE, SEE C032.
- FOR PARKING LOT ROAD PROFILE, SEE C033.
- MATCH EXISTING PAVING TO EDGE OF GUTTER/SIDEWALK AS SHOWN.
- INTERSECTION STRIPING NOT SHOWN, SEE DETAIL 5/C007.
- SEE DETAIL 2/S008 FOR REINFORCEMENT OVER EXISTING DUCT BANK.

CX CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	RP NORTHING	RP EASTING
C1	59.08'	75.00'	045°07'55"	N=676699.975	E=7575293.429
C2	41.30'	175.00'	013°31'19"	N=676752.198	E=7575378.710
C3	66.54'	65.00'	058°39'15"	N=676582.480	E=7575209.016
C4	15.71'	38.92'	023°07'40"	N=676768.611	E=7575166.543
C5	14.77'	100.58'	008°24'41"	N=676699.975	E=7575293.429
C6	55.28'	55.50'	057°04'23"	N=676655.170	E=7575207.020
C7	5.92'	24.42'	013°53'05"	N=676655.170	E=7575207.020
C8	46.24'	29.44'	090°00'00"	N=676554.088	E=7575325.609
C9	7.60'	2.42'	179°59'59"	N=676546.594	E=7575470.881
C10	14.94'	30.92'	027°41'36"	N=676737.251	E=7575283.444
C11	38.93'	49.42'	045°07'55"	N=676699.975	E=7575293.429
C12	35.26'	149.42'	013°31'19"	N=676752.198	E=7575378.710
C13	10.94'	90.58'	006°55'03"	N=676582.480	E=7575209.016
C14	33.00'	49.42'	038°15'49"	N=676668.840	E=7575319.207
C15	7.60'	2.42'	179°59'56"	N=676581.577	E=7575479.377
C16	3.80'	2.42'	090°00'00"	N=676629.675	E=7575497.432
C17	17.15'	7.42'	132°27'41"	N=676663.029	E=7575191.945
C18	20.15'	100.58'	011°28'41"	N=676699.975	E=7575293.429
C19	38.55'	200.58'	011°00'42"	N=676752.198	E=7575378.710
C20	58.22'	59.42'	056°08'37"	N=676576.566	E=7575186.998
C21	39.84'	40.00'	057°04'23"	N=676655.170	E=7575207.020

KEY PLAN



HORIZONTAL CONTROL AND PAVING PLAN 2

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C022
CHK: CLW	CAD FILE #: 187600813-C022
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	WAS	JO	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE: CIVIL
HORIZONTAL CONTROL
AND PAVING PLAN 2

SHEET: 28 OF: 174
PLOT DATE: 3/21/23
PLC #: N/A
CWS PROJ #: 7012

C022

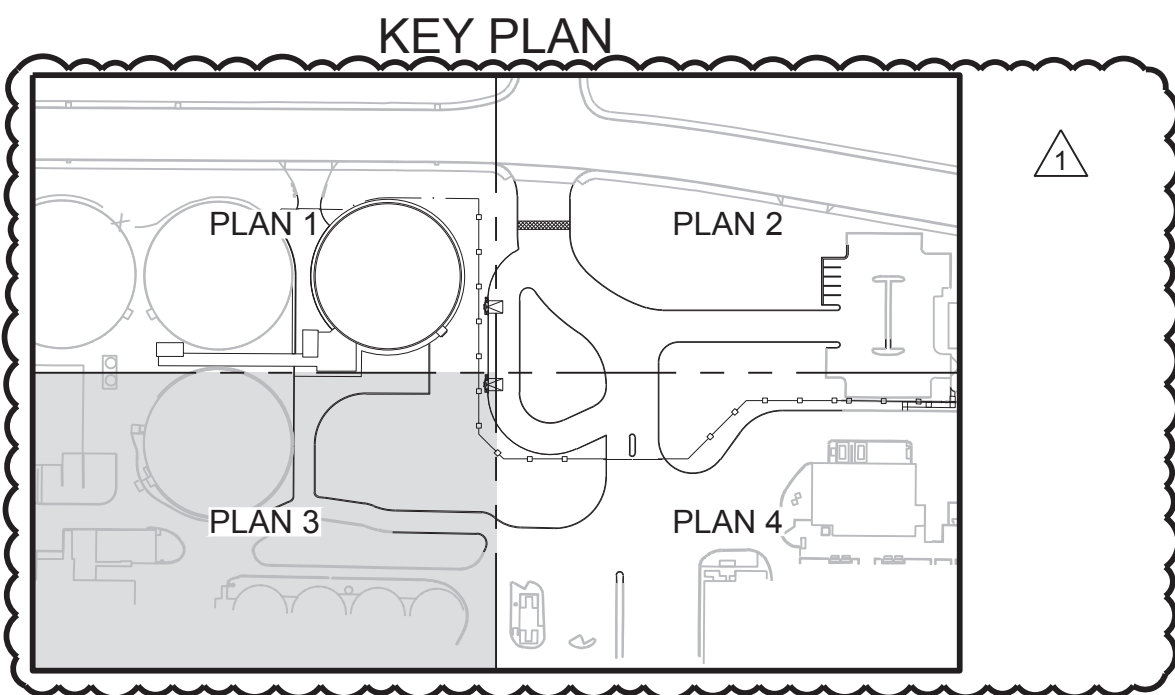
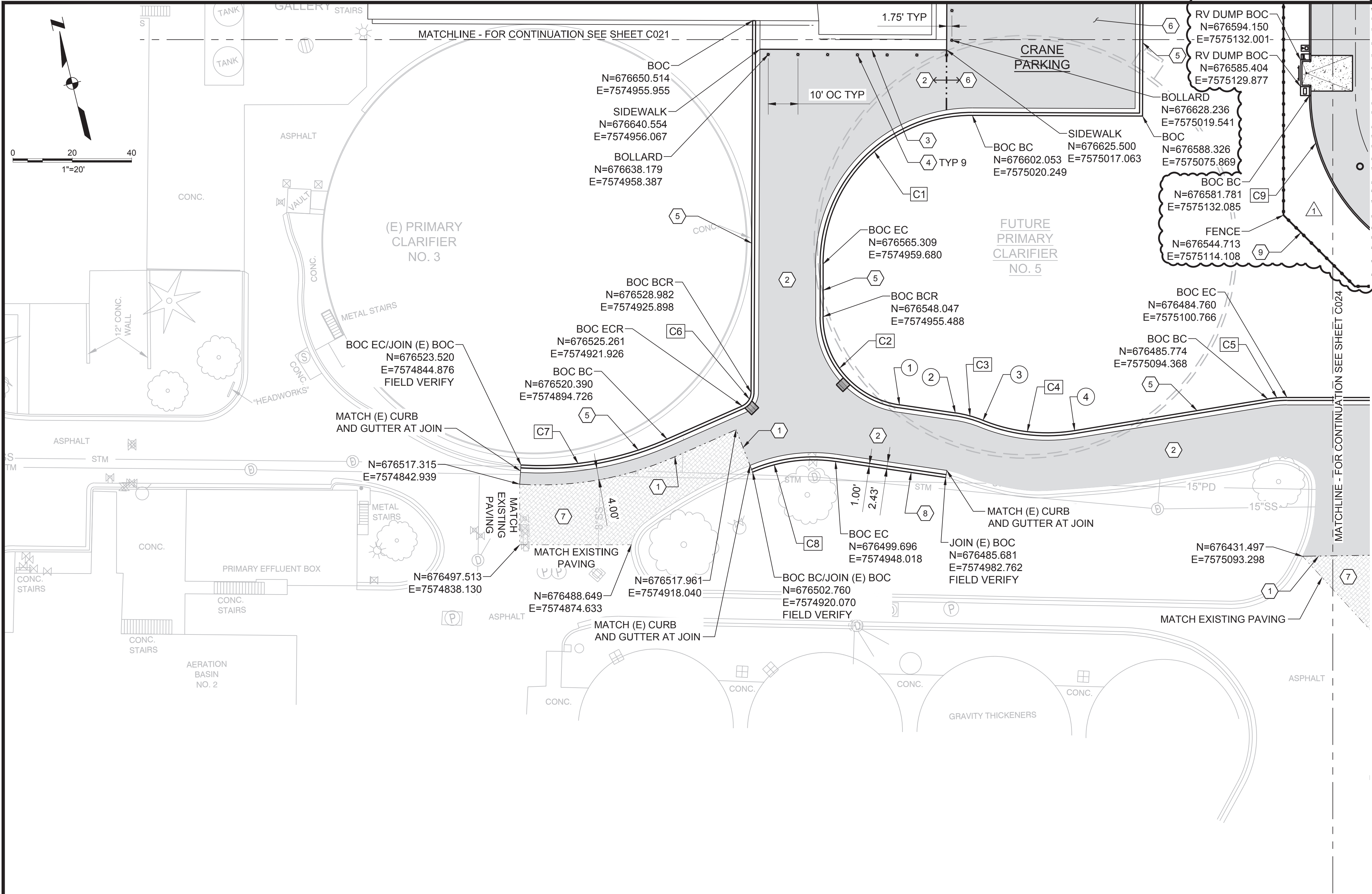
REGISTERED PROFESSIONAL
ENGINEER
76443PE
DIGITALLY SIGNED
OREGON
JAN 08, 2009
MICHAEL DAVID HUNN

ENGR STAMP: EXPIRES: 6/30/23

100% SUBMITTAL
(FOR BID)

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Plotted: 3/21/23 at 4:22pm By: WendyShane

File: C:\p\elvis\p\dwg\17650187600813-C023.dwg TAB C023
Plotted: 3/17/23 at 1:44pm By: WendyShare



X POINT TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
1	676513.128	7574973.462	BOC ECR
2	676506.051	7574991.089	BOC BC
3	676501.417	7574999.523	BOC PRC
4	676490.781	7575028.701	BOC EC

- # SHEET KEYNOTES
- 1

SAWCUT EXISTING AC PAVEMENT AND CURBS. SEE DETAIL 6/C002.
- 2

TYPICAL AC PAVING PER DETAIL 3/C002.
- 3

6" THICK SIDEWALK PER DETAIL 4/C002.
- 4

PIPE BOLLARD PER DETAIL 5/C001.
- 5

MOUNTABLE CURB PER DETAIL 7/C002.
- 6

THICKENED AC AREA FOR CRANE AND OUTRIGGER PARKING. PAVING PER DETAIL 3/C002. INCREASE BASEROCK TO 16" AND INCREASE AC SECTION TO 8" TOTAL DEPTH. SEE DETAIL 6/C004 FOR TRANSITION REQUIREMENTS.
- 7

2" GRIND AND OVERLAY RESURFACING.
- 8

REPLACE MOUNTABLE CURB AND GUTTER AS NEEDED FOR 12" SS INSTALLATION AND PLUGGING OF PRIMARY EFFLUENT CHANNEL. MOUNTABLE CURB PER DETAIL 7/C002. FOLLOW DIMENSIONS SHOWN TO MATCH (E) MOUNTABLE CURB.
- 9

HSS FENCE PER DETAILS 1/C003 AND 3/L04.

CX CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	RP NORTHING	RP EASTING
C1	78.73'	50.00'	090°12'52"	N=676553.510	E=7575008.268
C2	42.82'	30.00'	081°46'20"	N=676540.968	E=7574984.641
C3	9.65'	40.00'	013°49'03"	N=676468.931	E=7574976.184
C4	31.45'	57.50'	031°20'08"	N=676548.114	E=7575033.072
C5	6.49'	40.00'	009°17'25"	N=676445.890	E=7575091.327
C6	5.76'	5.00'	065°57'22"	N=676530.182	E=7574921.045
C7	50.43'	105.11'	027°29'26"	N=676623.851	E=7574876.199
C8	28.47'	51.92'	031°25'10"	N=676451.546	E=7574928.596
C9	121.13'	60.50'	114°42'38"	N=676567.504	E=7575190.876

HORIZONTAL CONTROL AND PAVING PLAN 3

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C023
CHK: CLW	CAD FILE #: 187600813-C023
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.					
REV #	DATE	DRN	APPD	DESCRIPTION	
1	03/24/2023	WAS	JO	ADDENDUM #2	



Clean Water Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE:

CIVIL
HORIZONTAL CONTROL
AND PAVING PLAN 3

SHEET: 29 OF: 174

PLOT DATE: 3/17/23

PLC #: N/A

CWS PROJ #: 7012

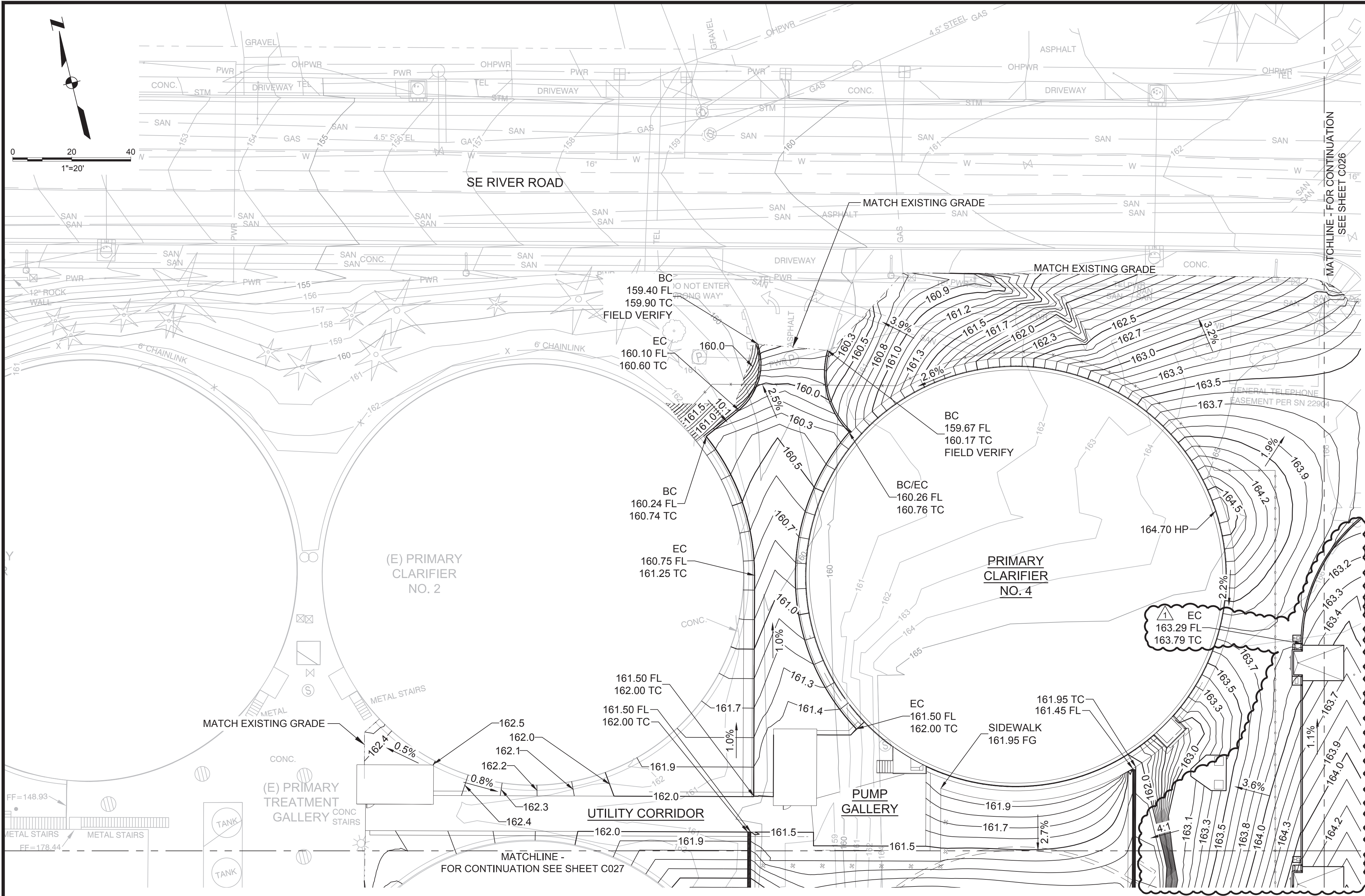
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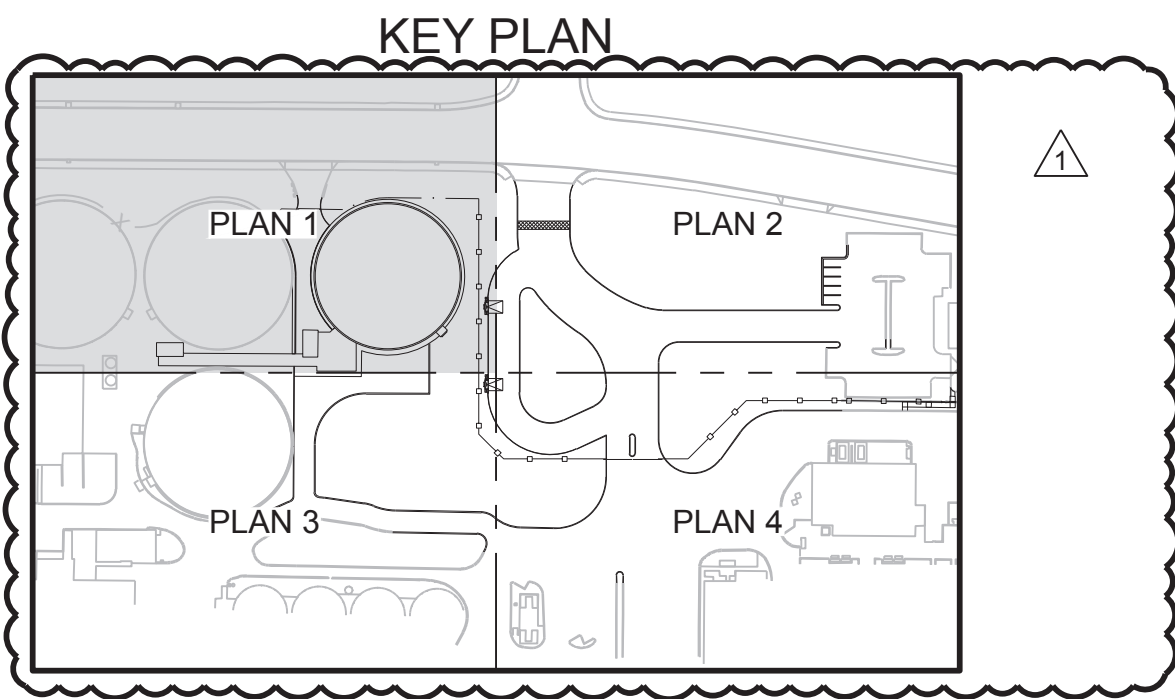


REGISTERED PROFESSIONAL ENGINEER
DIGITALLY SIGNED OREGON
JAN 08, 2009
MICHAEL DAVID RUNN

ENGR STAMP: EXPIRES: 6/30/23



- GENERAL NOTES**
- SEE YARD PIPING PLANS FOR AREA DRAIN AND MANHOLE STRUCTURE RIM ELEVATIONS.
 - SEE STRUCTURAL SHEETS FOR ELEVATIONS OF UTILITY CORRIDOR, PUMP GALLERY, AND PRIMARY CLARIFIER NO. 4.
 - SEE LANDSCAPING PLANS FOR COORDINATION WITH FINAL GRADING REQUIREMENTS AND TOPSOIL AND COMPOST DEPTHS REQUIRED IN NON-HARDSCAPED AREAS.



GRADING AND DRAINAGE PLAN 1

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Plotted: 3/17/23 at 3:03pm By: WendyShare

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C025
CHK: CLW	CAD FILE #: 187600813-C025
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	WAS	JO	ADDENDUM #2

Clean Water Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

Kennedy Jenks

SHEET TITLE:

CIVIL
GRADING AND DRAINAGE
PLAN 1

SHEET: 31 OF: 174

PLOT DATE: 3/17/23

PLC #: N/A

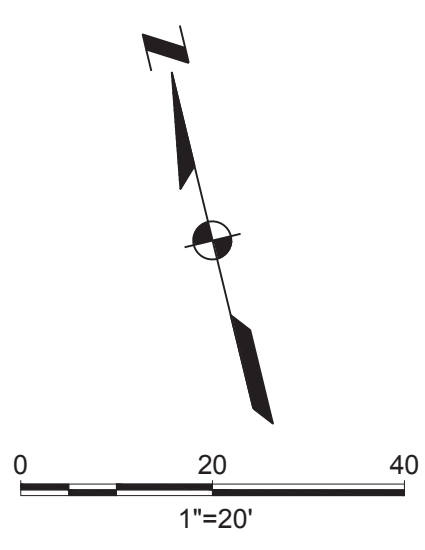
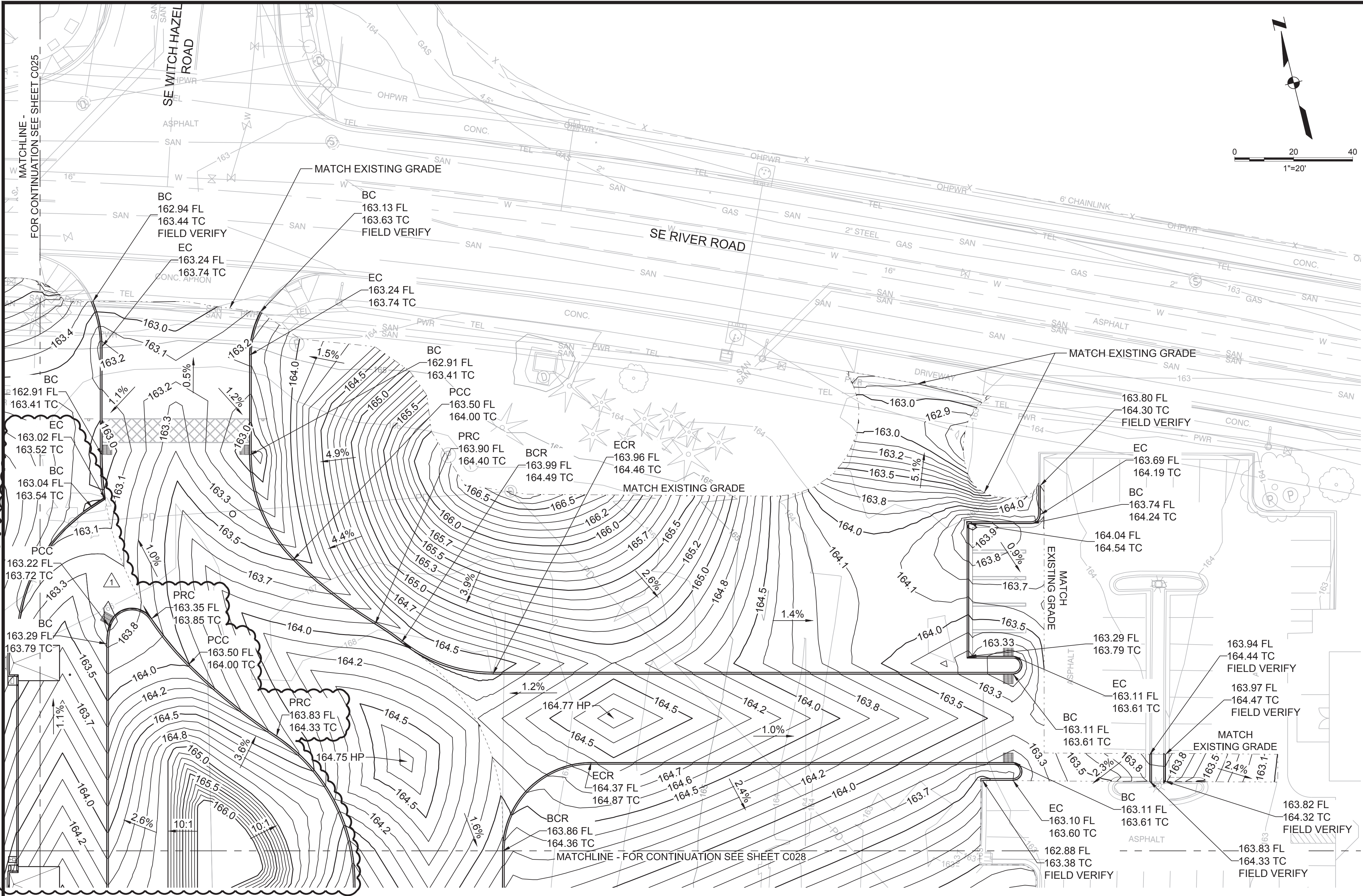
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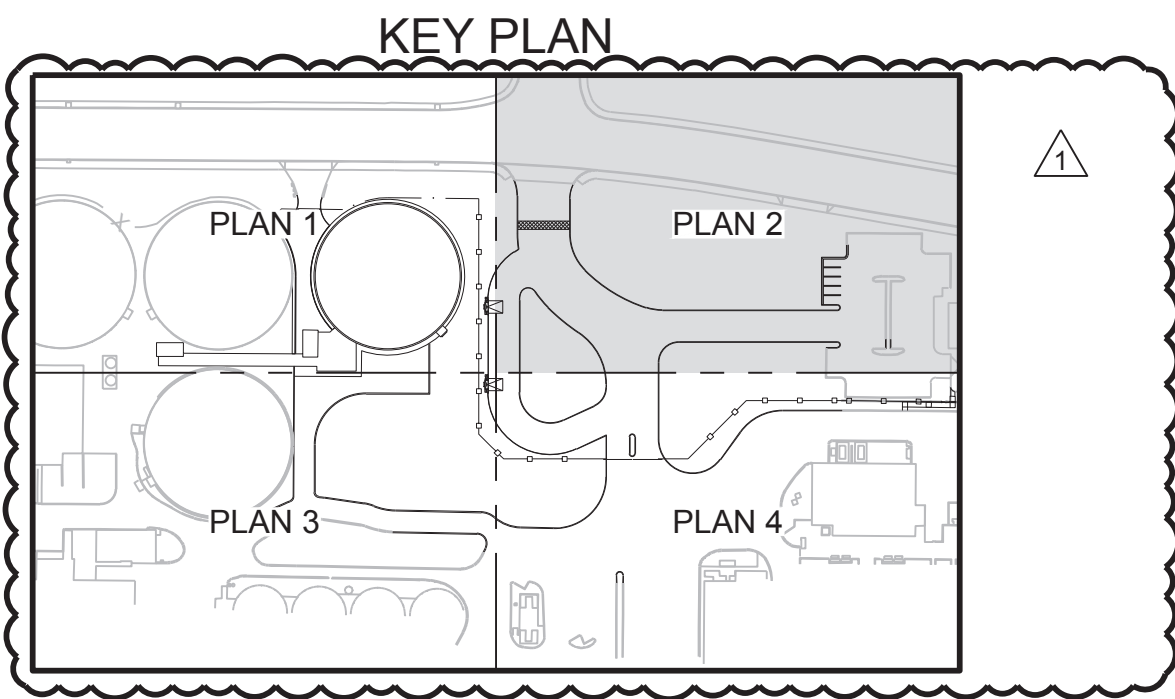
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ENGR STAMP:

EXPIRES: 6/30/23



- GENERAL NOTES**
- SEE YARD PIPING PLANS FOR AREA DRAIN AND MANHOLE STRUCTURE RIM ELEVATIONS.
 - SEE LANDSCAPING PLANS FOR COORDINATION WITH FINAL GRADING REQUIREMENTS AND TOPSOIL AND COMPOST DEPTHS REQUIRED IN NON-HARDESCAPED AREAS.



GRADING AND DRAINAGE PLAN 2

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C026
CHK: CLW	CAD FILE #: 187600813-C026
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2




Clean Water Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

 Kennedy Jenks

SHEET TITLE:

CIVIL
GRADING AND DRAINAGE
PLAN 2

SHEET: 32 OF: 174

PLOT DATE: 3/21/23

PLC #: N/A

CWS PROJ#: 7012

DWG #:

C026

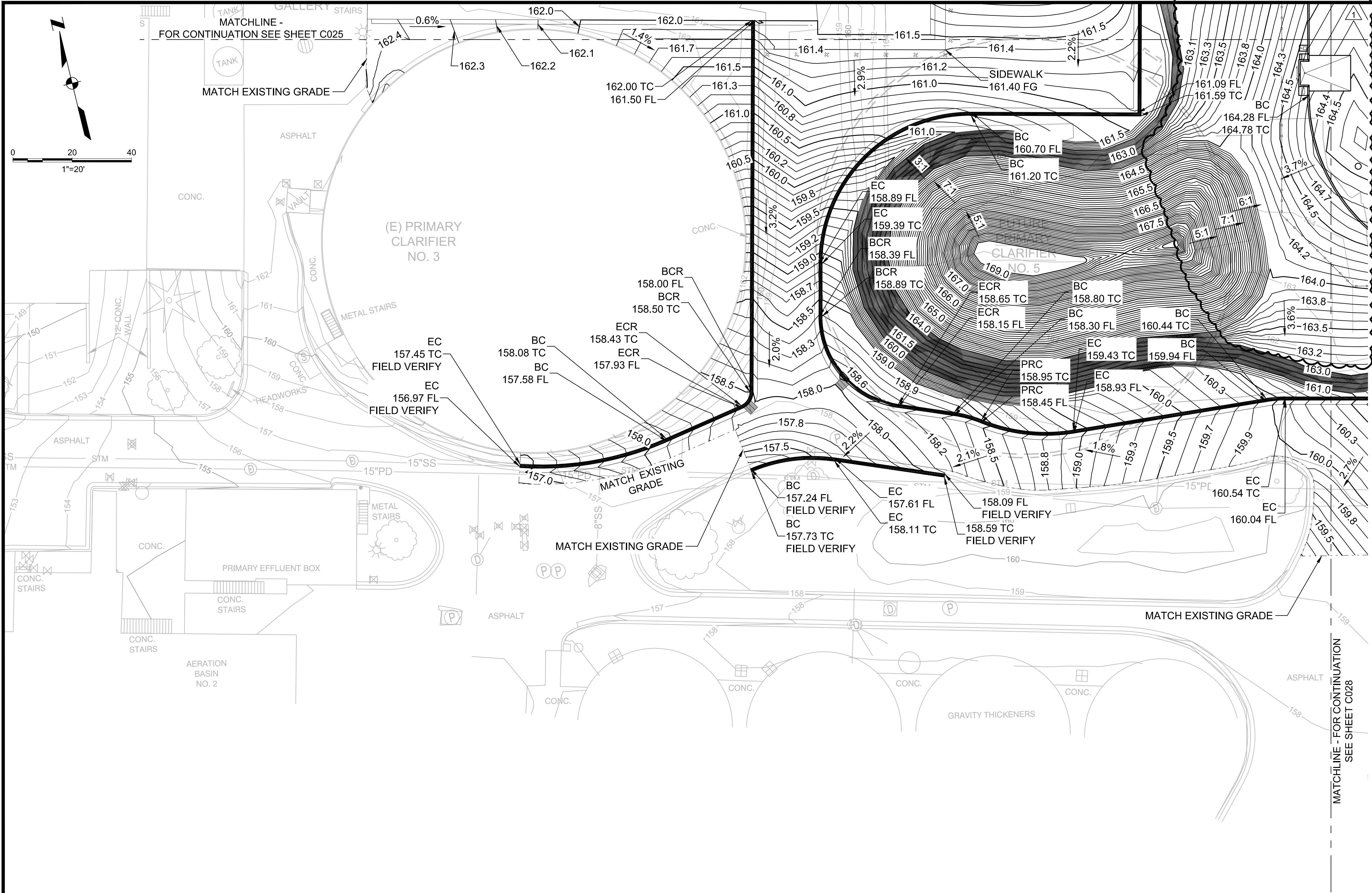


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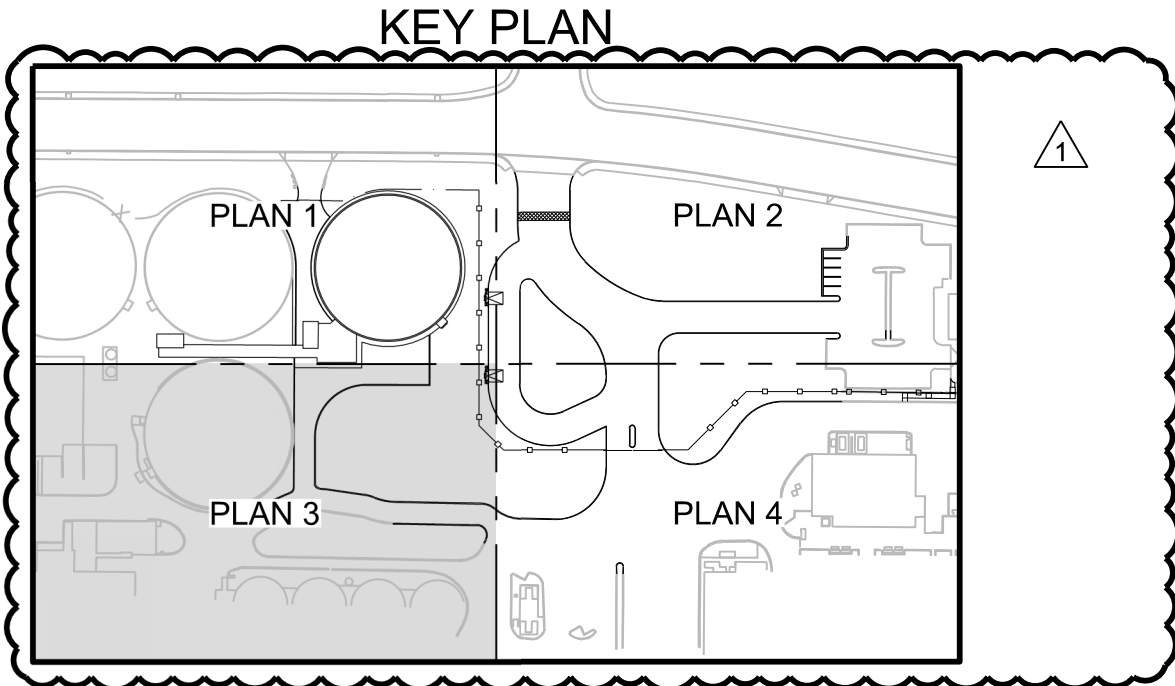
EXPIRES: 6/30/23

100% SUBMITTAL
(FOR BID)

File: C:\bml\cvs\p\dwg\177630187600813_C026.dwg TAB: C026
Plotted: 3/21/23 at 8:20am By: Wendy Sharpe



- GENERAL NOTES**
- SEE YARD PIPING PLANS FOR AREA DRAIN AND MANHOLE STRUCTURE RIM ELEVATIONS.
 - SEE LANDSCAPING PLANS FOR COORDINATION WITH FINAL GRADING REQUIREMENTS AND TOPSOIL AND COMPOST DEPTHS REQUIRED IN NON-HARDSCAPED AREAS.



GRADING AND DRAINAGE PLAN 3

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C027
CHK: CLW	CAD FILE #: 187600813-C027
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2

CleanWater Services
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION
Kennedy Jenks

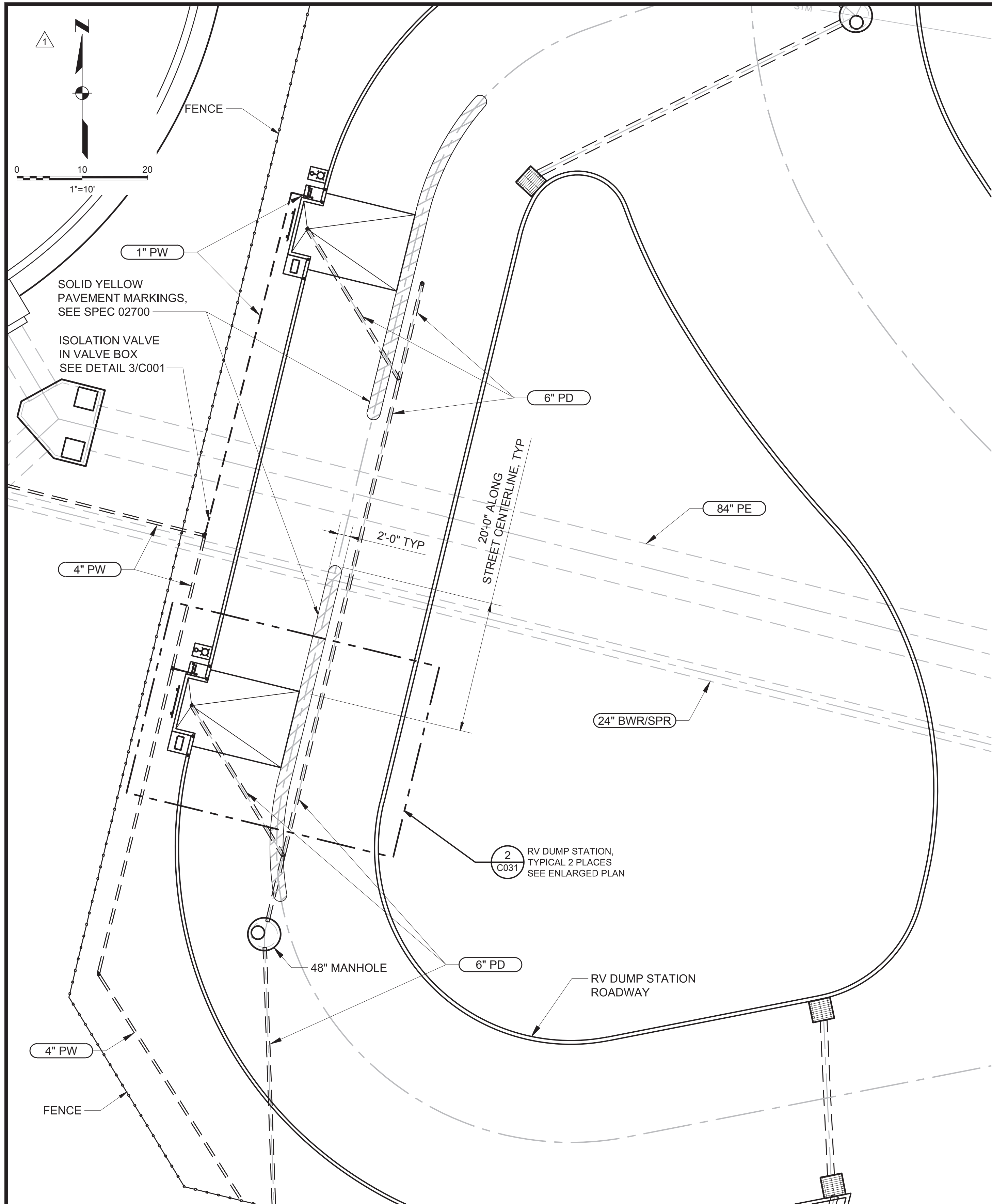
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PLOT DATE: 3/17/23
PLC #: N/A
CWS PROJ #: 7012

C027

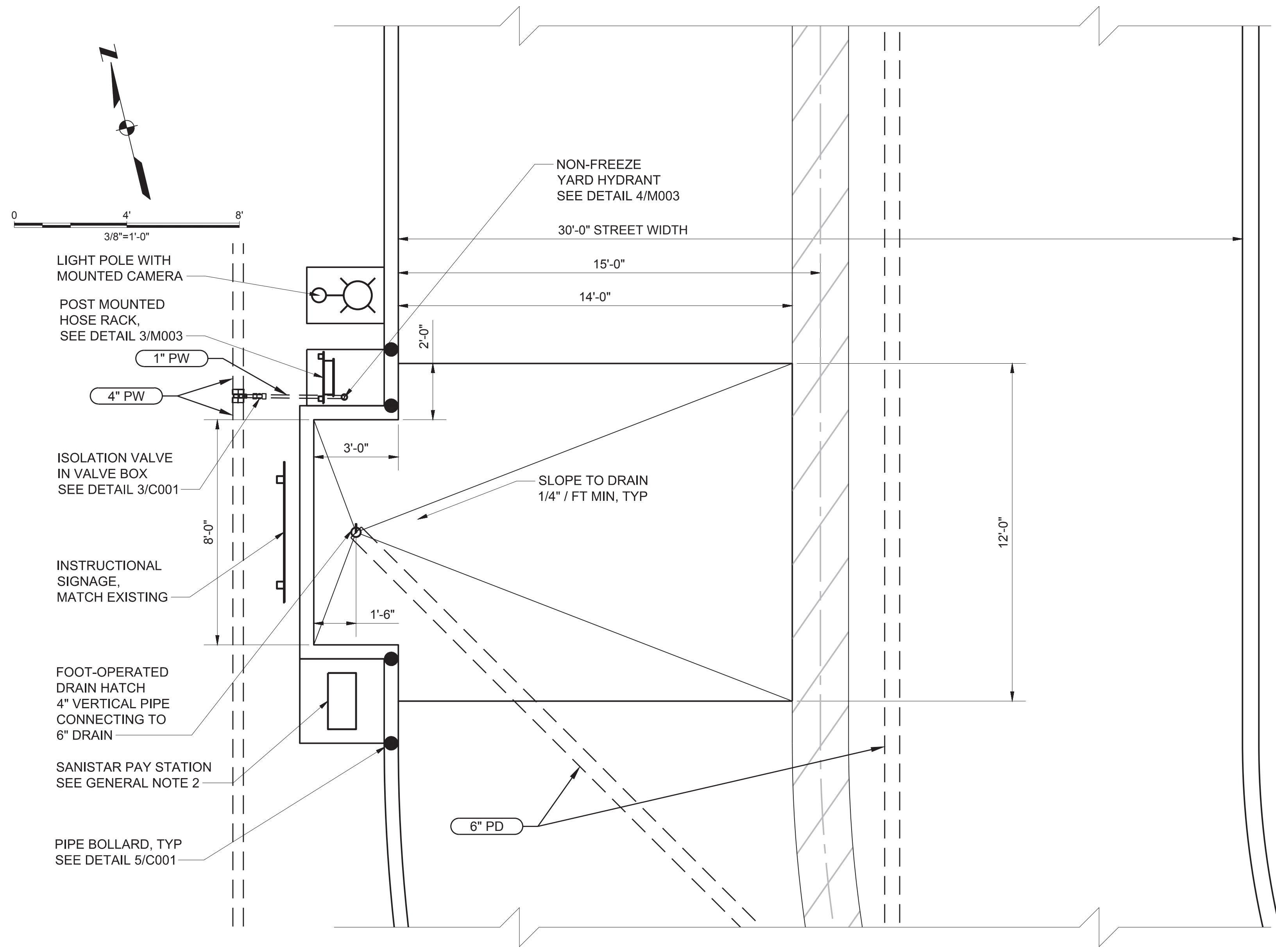
REGISTERED PROFESSIONAL ENGINEER
DIGITALLY SIGNED OREGON
JAN 08, 2009
MICHAEL DAVID TUNN
ENGR STAMP: EXPIRES: 6/30/23

GENERAL NOTES

- (N) 84" PE AND 24" BWR/SPR HAVE BEEN SCREENED BACK FOR CLARITY.
- SALVAGED SANISTAR PAY STATION SHALL BE USED ON SOUTHERN RV DUMP STATION. NORTHERN RV DUMP STATION SHALL USE A NEW SANISTAR RV DUMP STATION, MATCH EXISTING. OWNER FURNISHED, CONTRACTOR INSTALLED.



1 RV DUMP STATION SITE PLAN
SCALE: NOTED



2 RV DUMP STATION, ENLARGED PLAN
C031 SCALE: NOTED

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C031
CHK: CLW	CAD FILE #: 187600813-C031
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2

CleanWater Services
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION
Kennedy Jenks

SHEET TITLE: CIVIL
RV DUMP STATION
SITE PLAN

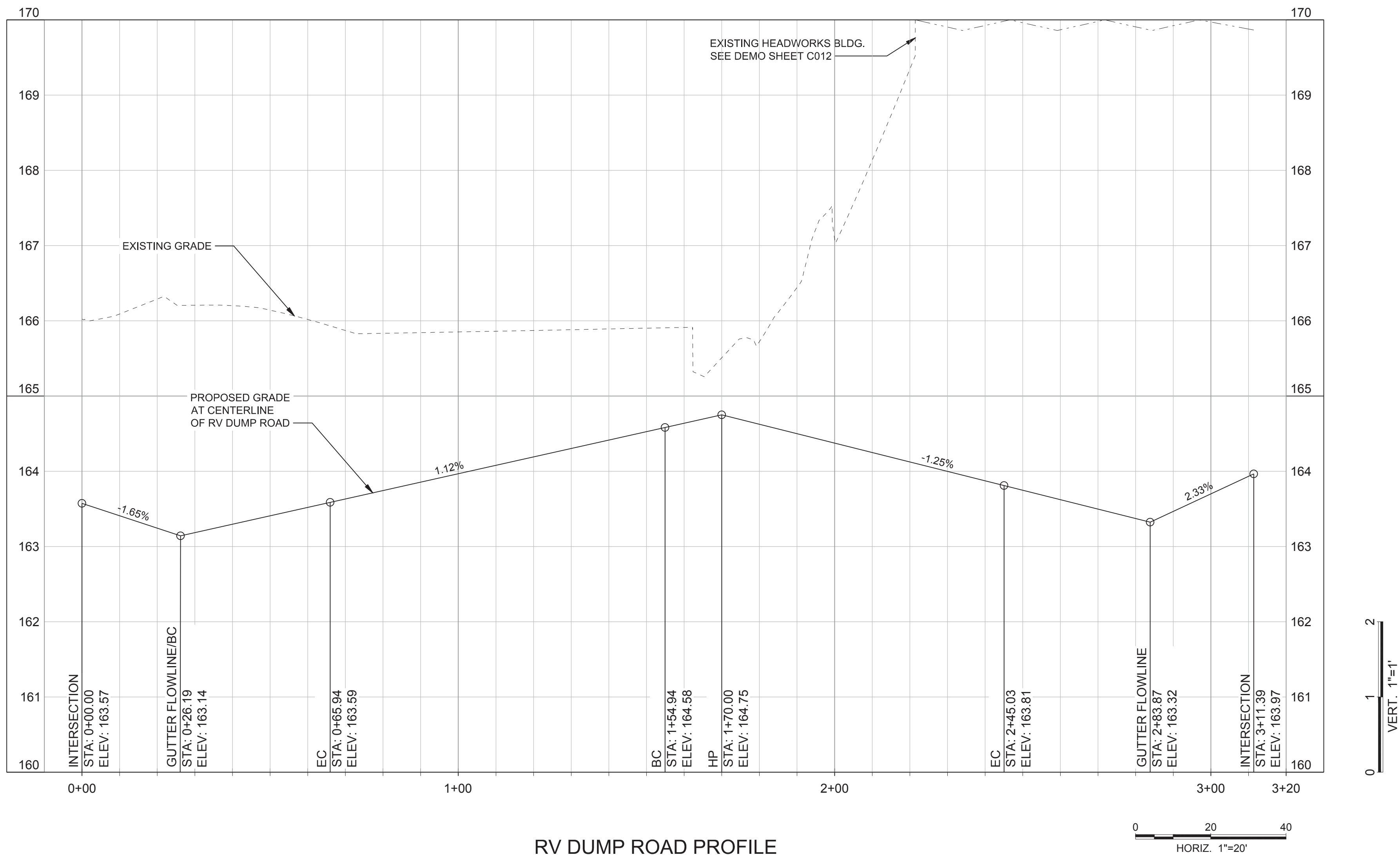
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PLOT DATE: 3/23/23
PLC #: N/A
CWS PROJ #: 7012

DWG #:
C031

REGISTERED PROFESSIONAL
ENGINEER
DIGITALLY SIGNED
OREGON
JANA OTERO
EXPIRES: 12/31/24

ENGR STAMP:

100% SUBMITTAL
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Plotted: 3/23/23 at 3:38pm By: WendyShane

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C034
CHK: CLW	CAD FILE #:187600813-C034
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	MDH	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE:

CIVIL
RV DUMP ROAD PROFILE

SHEET: 38A OF: 174

PLOT DATE: 3/23/23

PLC #: N/A

CWS PROJ #: 7012

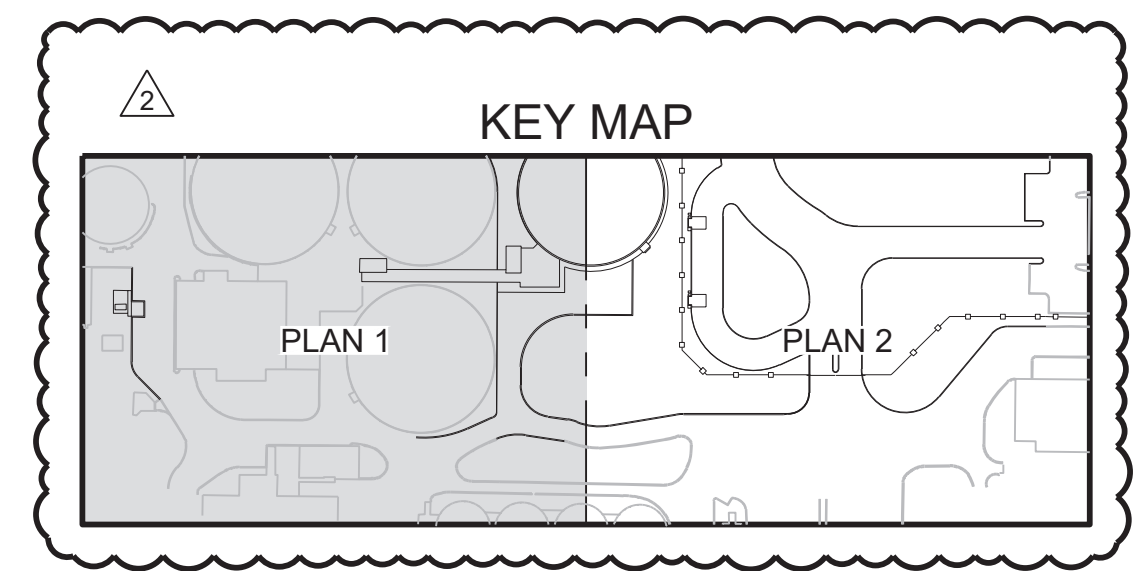
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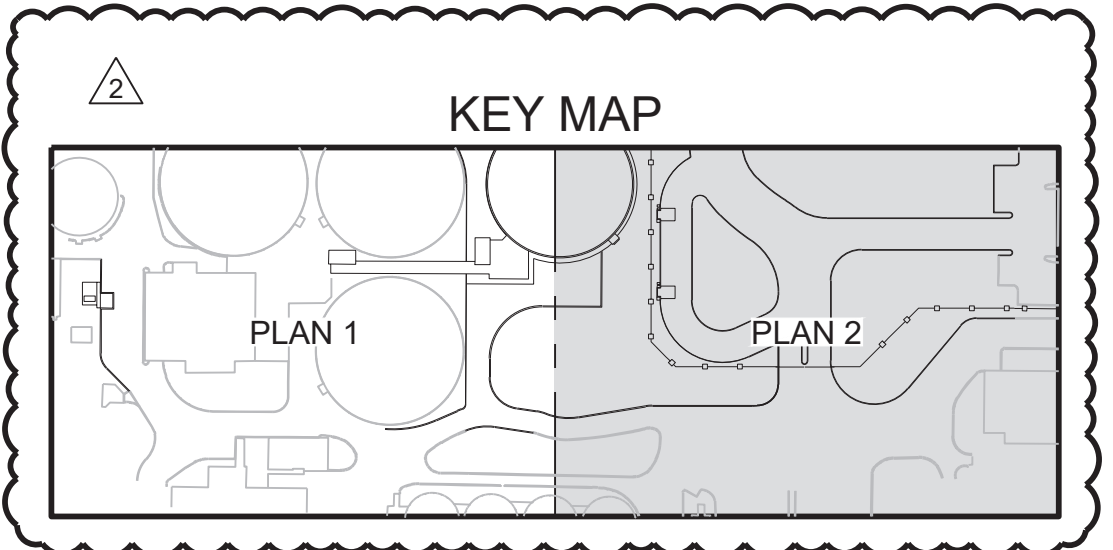
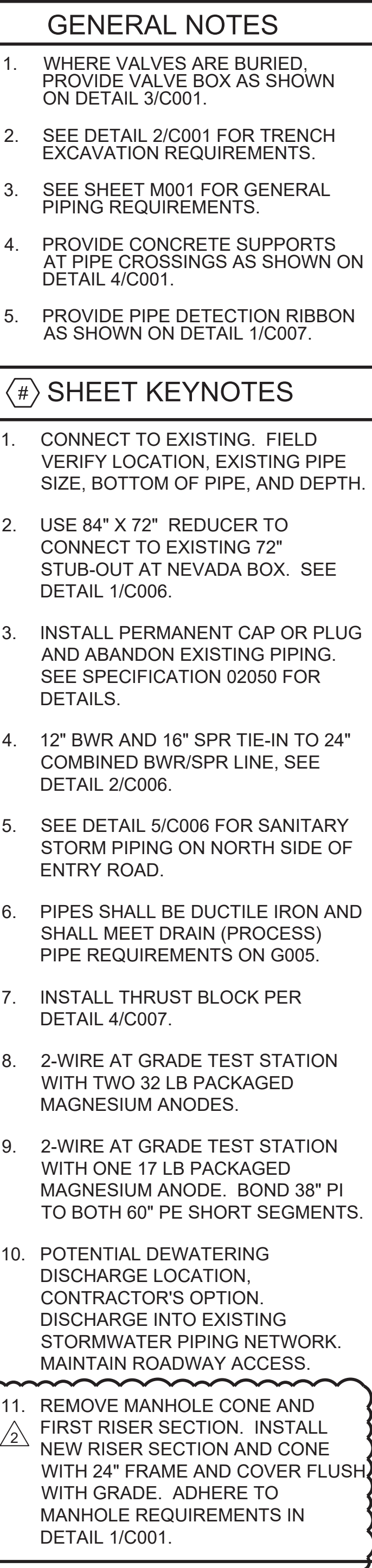
REGISTERED PROFESSIONAL ENGINEER
DIGITALLY SIGNED OREGON
JAN 08, 2009
MICHAEL DAVID HUMM
EXPIRES: 6/30/23

100% SUBMITTAL
(FOR BID)



100% SUBMITTAL
(FOR BID)

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Plotted: 3/20/23 at 10:21am By: WendyShane

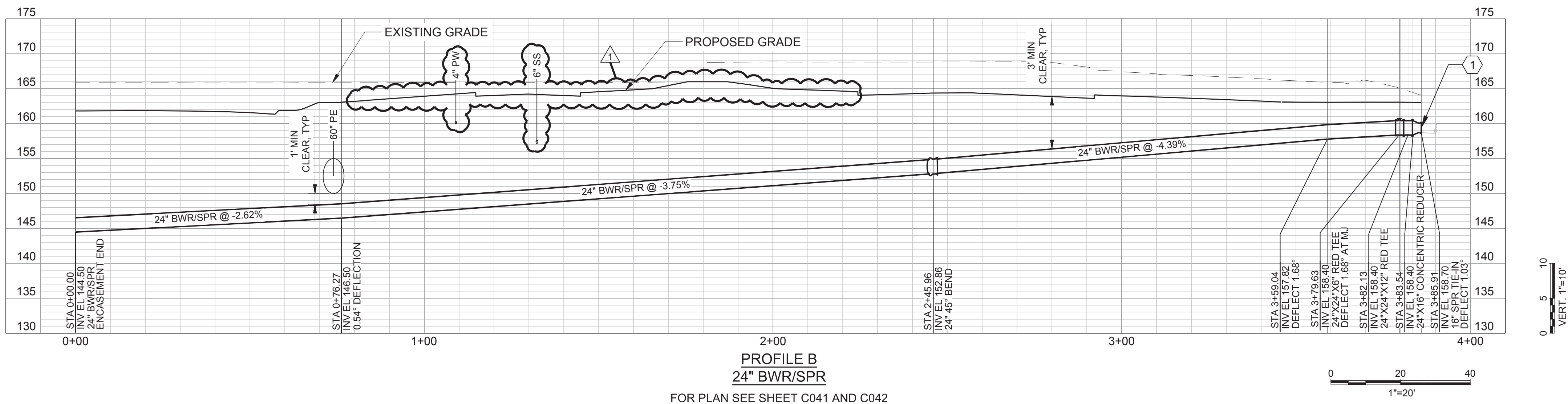
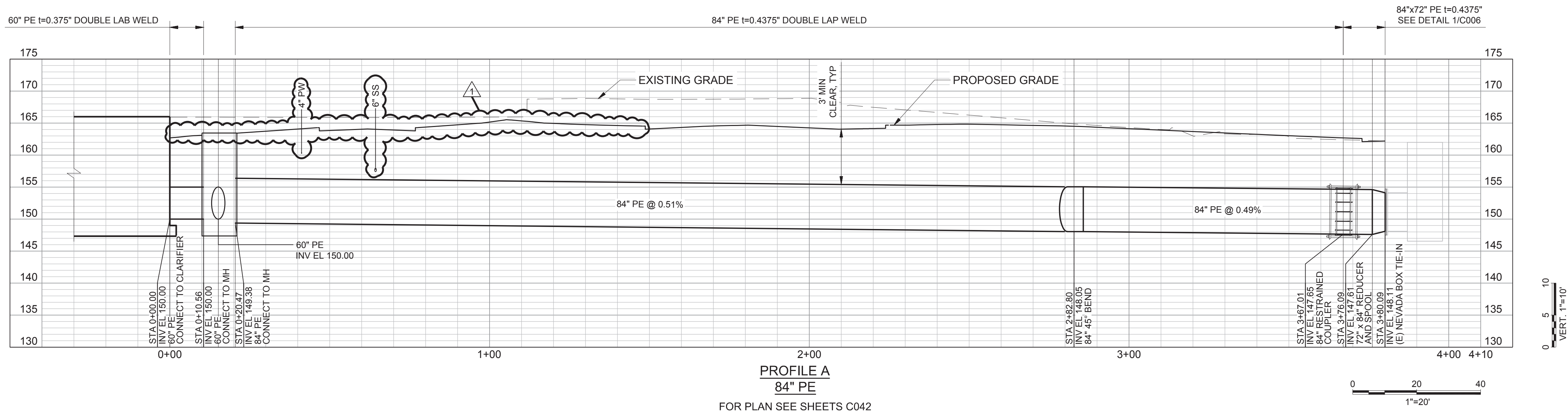


ENGR STAMP: EXPIRES: 12/31/24

DRN: WAS	ORIG DATE: AUGUST 2020	<div><div></div></div> <p>THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.</p>								
DSN: JO	DWG #: C042									
CHK: CLW	CAD FILE #187600813-C042									
APPD: CLW	SCALE: AS NOTED		<div><div>2</div>03/24/2023WASJOADDENDUM #2</div> <div><div>1</div>03/10/2023WASJOADDENDUM #1</div>							
			REV #DATEDRNAPPDDESCRIPTION							
<div><div>CleanWaterServices</div><div>2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379</div></div>										
<div><div>PROJ NAME:ROCK CREEK AWWTF PRIMARY CLARIFIER NO. 4 TREATMENT EXPANSION</div><div><div>KJKennedy Jenks</div></div></div>										
<div><div>SHEET TITLE:CIVIL YARD PIPING PLAN 2</div></div>										
<div><div>SHEET: 40 OF: 174</div><div><div>PLOT DATE: 3/21/23</div><div>PLC #: N/A</div><div>CWS PROJ #: 7012</div></div><div>DWG #: C042</div></div>										
<div><div>ENGR STAMP:</div><div><div>EXPIRES: 12/31/24</div></div></div>										

SHEET KEYNOTES

1. CONNECT TO EXISTING. FIELD
VERIFY LOCATION, EXISTING PIPE
SIZE, AND DEPTH.



YARD PIPING PROFILES

DRN: WAS	ORIG DATE: AUGUST 2020
DSN: JO	DWG #: C043
CHK: CLW	CAD FILE #: 187600813-C043
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
	03/24/2023	WAS	JO	ADDENDUM #2



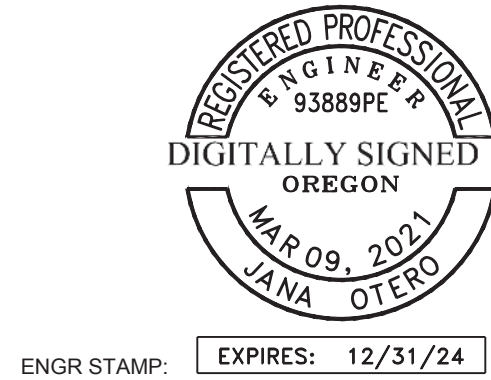
PROJ NAME:
ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE:
CIVIL
YARD PIPING
PROFILES

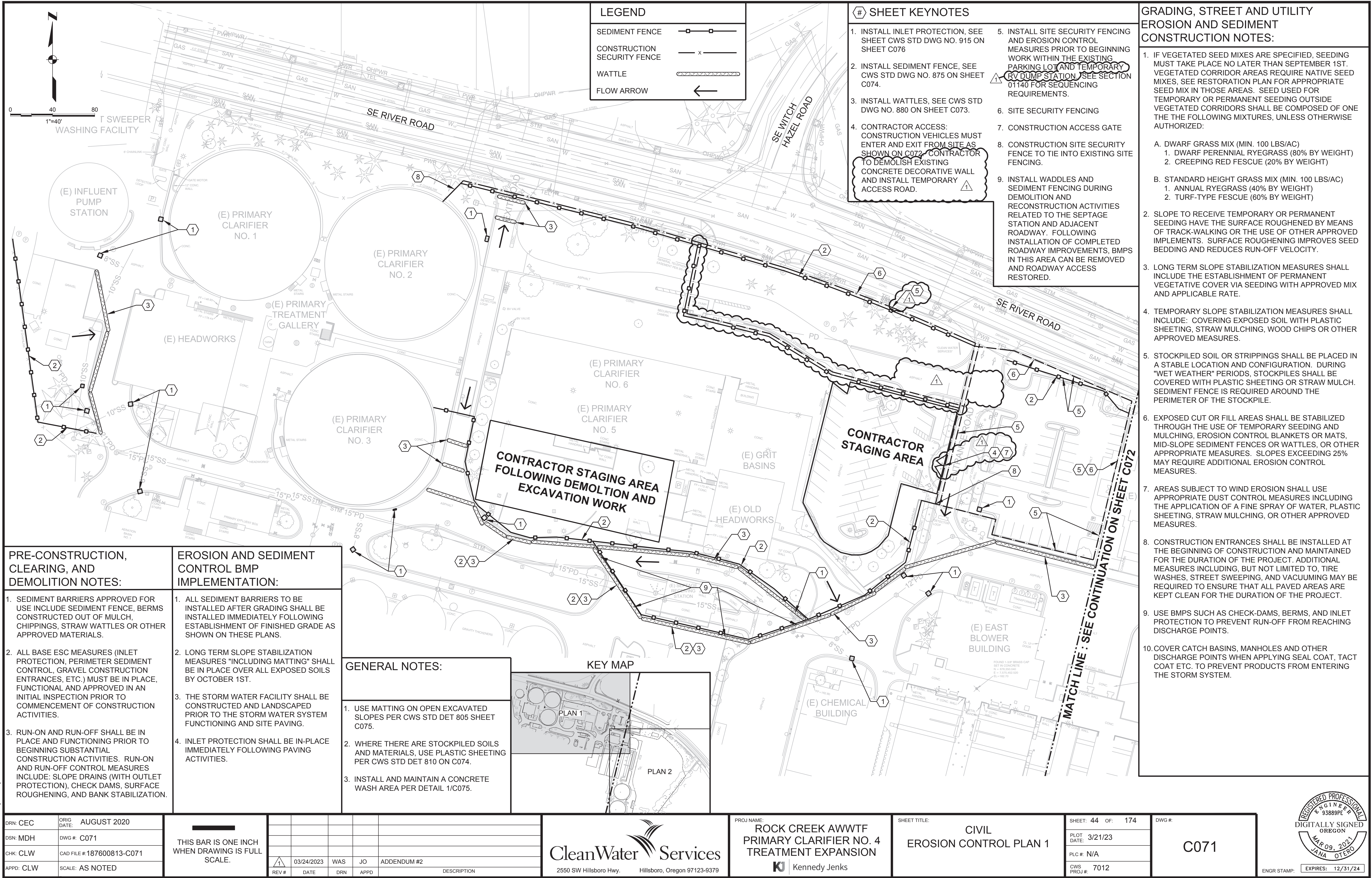
SHEET: 41 OF: 174
PLOT DATE: 3/20/23
PLC #: N/A
CWS PROJ#: 7012

DWG #:
C043



100% SUBMITTAL
(FOR BID)

File: C:\bpc\kps\p\01775301\187600813\C071.dwg TAB: C071
Plotter: 321123 at 9:21 am By: WendyShare



DRN: CEC	ORIG DATE: AUGUST 2020
DSN: MDH	DWG #: C071
CHK: CLW	CAD FILE #: 187600813-C071
APPD: CLW	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.
--

<div><div>1</div></div>	03/24/2023	WAS	JO	ADDENDUM #2
REV #	DATE	DRN	APPD	DESCRIPTION

Clean Water Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: **ROCK CREEK AWWTF PRIMARY CLARIFIER NO. 4 TREATMENT EXPANSION**

Kennedy Jenks

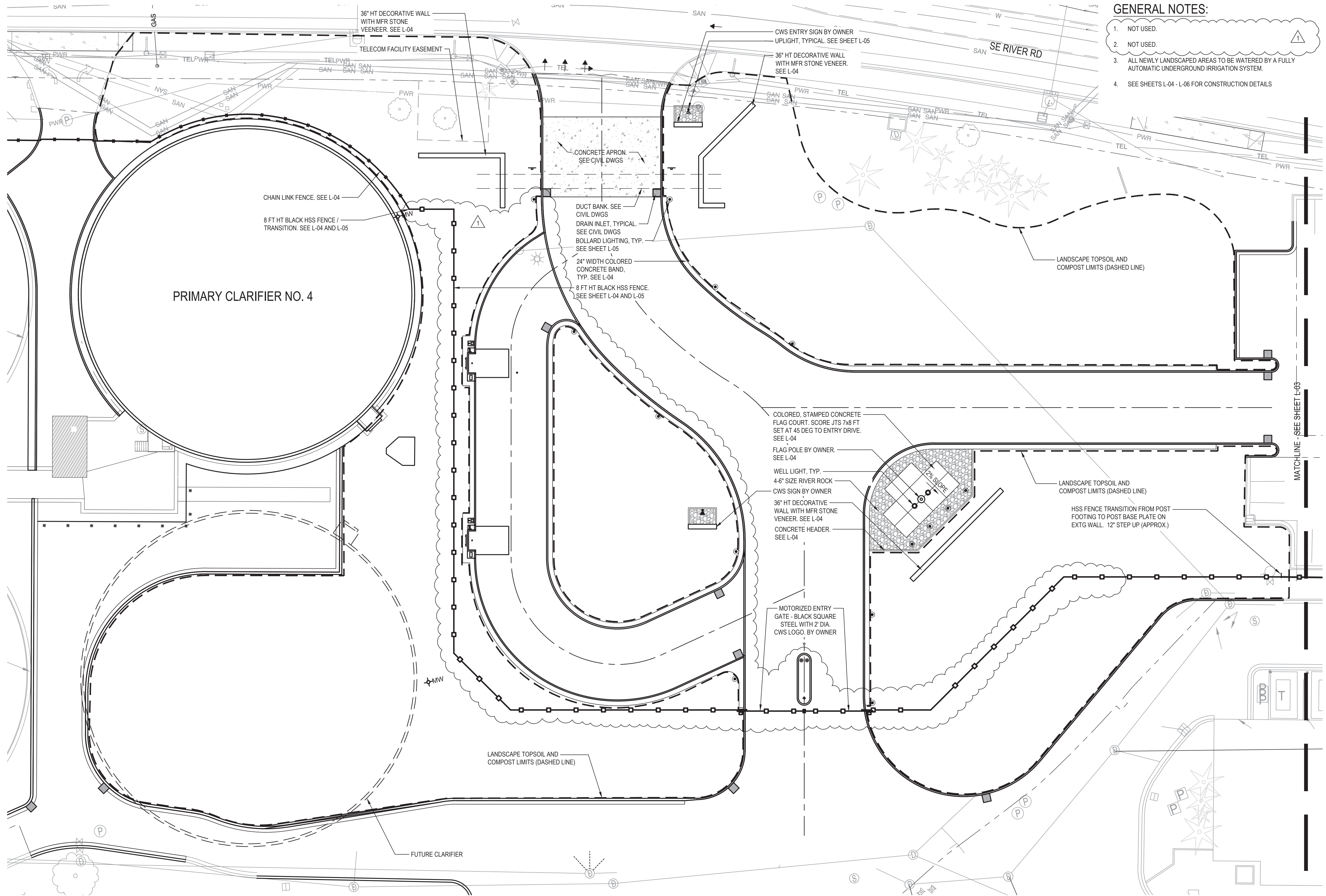
SHEET TITLE: CIVIL EROSION CONTROL PLAN 1	SHEET: 44 OF: 174
	PLOT DATE: 3/21/23
	PLC #: N/A
	CWS PROJ #: 7012

DWG #: C071

REGISTERED PROFESSIONAL ENGINEER
93889PE
DIGITALLY SIGNED
OREGON
MAR 09, 2023
JANA OTERO
ENGR STAMP: EXPIRES: 12/31/24

100% SUBMITTAL (FOR BID)

File: V:\PROJECT\193738\CADD\ACAD\DWG\193738_L1.dwg TAB: L-01
Plotted: 3/22/23 at 11:03am By: julia.dahlgren



GENERAL NOTES:

1. NOT USED.
2. NOT USED.
3. ALL NEWLY LANDSCAPED AREAS TO BE WATERED BY A FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
4. SEE SHEETS L-04 - L-06 FOR CONSTRUCTION DETAILS



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808 SW Third Avenue, Ste. 300
Portland, OR 97204
503.287.6825
www.otak.com

DRN: JED	ORIG DATE: AUGUST 2020
DSN: JED	DWG #: L-01
CHK: DDH	CAD FILE #: 193738_L1
APPD: DDH	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	JED	DDH	ADDENDUM #2

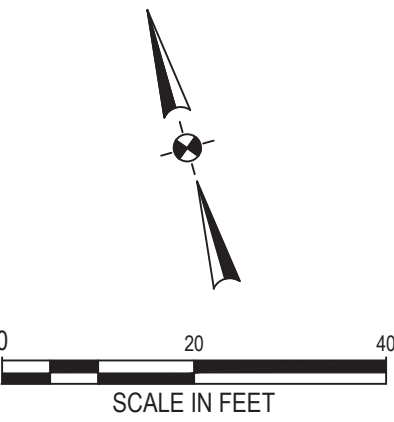
CleanWater Services
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:
**ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION**
Kennedy Jenks

SHEET TITLE:
**LANDSCAPE
SITE PLAN**

SHEET: 53 OF: 174
PLOT DATE: 3/22/23
PLC #:
CWS PROJ #: 7012

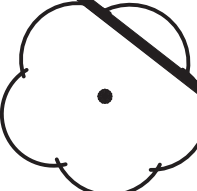

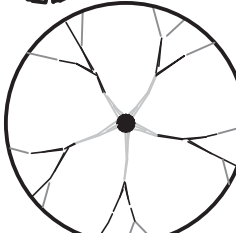
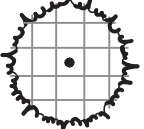
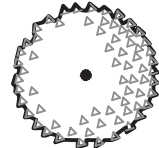
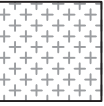
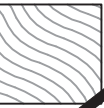

DWG #:
L-01




















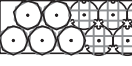




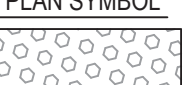


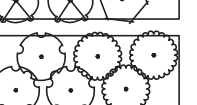
REGISTERED
263
12/31/23
David D. Haynes
OREGON
12/19/89
LANDSCAPE ARCHITECT
ENGR STAMP:

100% SUBMITTAL
(FOR BID)

File: V:\PROJECT\19373B\CADD\CADD\DWG\19373B_L1.dwg TAB: L-03
Plotted: 3/22/23 at 11:10am By: julia.dahlgren

LANDSCAPE TREE LEGEND					
TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	
	7	ACER GRISEUM / PAPERBARK MAPLE	B&B	2.5" CAL.	
	19	CUPRESSUS ARIZONICA 'FASTIGIATA' / BLUE ARIZONA CYPRESS	25 GAL	6'-8" HT.	
	23	GINKGO BILOBA 'AUTUMN GOLD' / AUTUMN GOLD MAIDENHAIR TREE	B&B	2.5" CAL.	
	24	PINUS FLEXILIS 'VANDERWOLF'S PYRAMID' / VANDERWOLF'S PYRAMID LIMBER PINE	25 GAL	6'-8" HT.	
	9	QUERCUS ROBUR 'FASTIGIATA' TM / SKYROCKET ENGLISH OAK	B&B	2.5" CAL.	
PLANT LEGEND					
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	FIELD2	SPACING
	8,833	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK	1 GAL		24" o.c.
	1,919	COTONEASTER DAMMERI / BEARBERRY COTONEASTER	1 GAL		36" o.c.
	1,560	RUBUS CALYCINOIDES 'EMERALD CARPET' / EMERALD CARPET CREEPING BRAMBLE	1 GAL		24" o.c.

PLANT SYMBOL LEGEND					
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING	
	180	ACHILLEA MILLEFOLIUM / COMMON YARROW	1 GAL	30" o.c.	
	1125	CAREX MORROWII 'ICE DANCE' / ICE DANCE JAPANESE SEDGE	1 GAL	24" o.c.	
	150	CISTUS X OBLONGIFOLIUS / ROCK ROSE	3 GAL	36" o.c.	
	150	CORNUS SERICEA 'KELSEYI' / KELSEY'S DWARF RED TWIG DOGWOOD	3 GAL	36" o.c.	
	400	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD' / MUNSTEAD ENGLISH LAVENDER	1 GAL	24" o.c.	
	160	MISCANTHUS SINENSIS 'LITTLE KITTEN' / LITTLE KITTEN EULALIA GRASS	1 GAL	30" o.c.	
	400	PENNISETUM ALOPECUROIDES 'HADELN' / HADELN FOUNTAIN GRASS	1 GAL	24" o.c.	
	150	PEROVSKIA ABROTANOIDES / RUSSIAN SAGE	3 GAL	42" o.c.	
	36	PHILADELPHUS LEWISII / WILD MOCKORANGE	5 GAL	60" o.c.	
	36	PHYSOCARPUS OPULIFOLIUS 'DEFAM' / AMBER JUBILEE® NINEBARK	5 GAL	60" o.c.	
	36	PIERIS JAPONICA 'MOUNTAIN FIRE' / MOUNTAIN FIRE JAPANESE PIERIS	5 GAL	60" o.c.	
	150	RHAPHIOLEPIS X DELACOURII 'GEORGIA PETITE' / GEORGIA PETITE INDIAN HAWTHORN	3 GAL	36" o.c.	

CLASS 1 LEGEND		
PLAN SYMBOL	PLANTING LAYOUT	PLANT TYPE / SPACING
		LOW SEDGE / TRIANGULAR SPACING
		PERENNIALS / TRIANGULAR SPACING
CLASS 2 LEGEND		
PLAN SYMBOL	PLANTING LAYOUT	PLANT TYPE / SPACING
		SHRUBS / TRIANGULAR SPACING
		PERENNIALS / TRIANGULAR SPACING
		PERENNIALS / TRIANGULAR SPACING
CLASS 3 LEGEND		
PLAN SYMBOL	PLANTING LAYOUT	PLANT TYPE / SPACING
		SHRUBS / TRIANGULAR SPACING
		SHRUBS / TRIANGULAR SPACING

GENERAL NOTE:

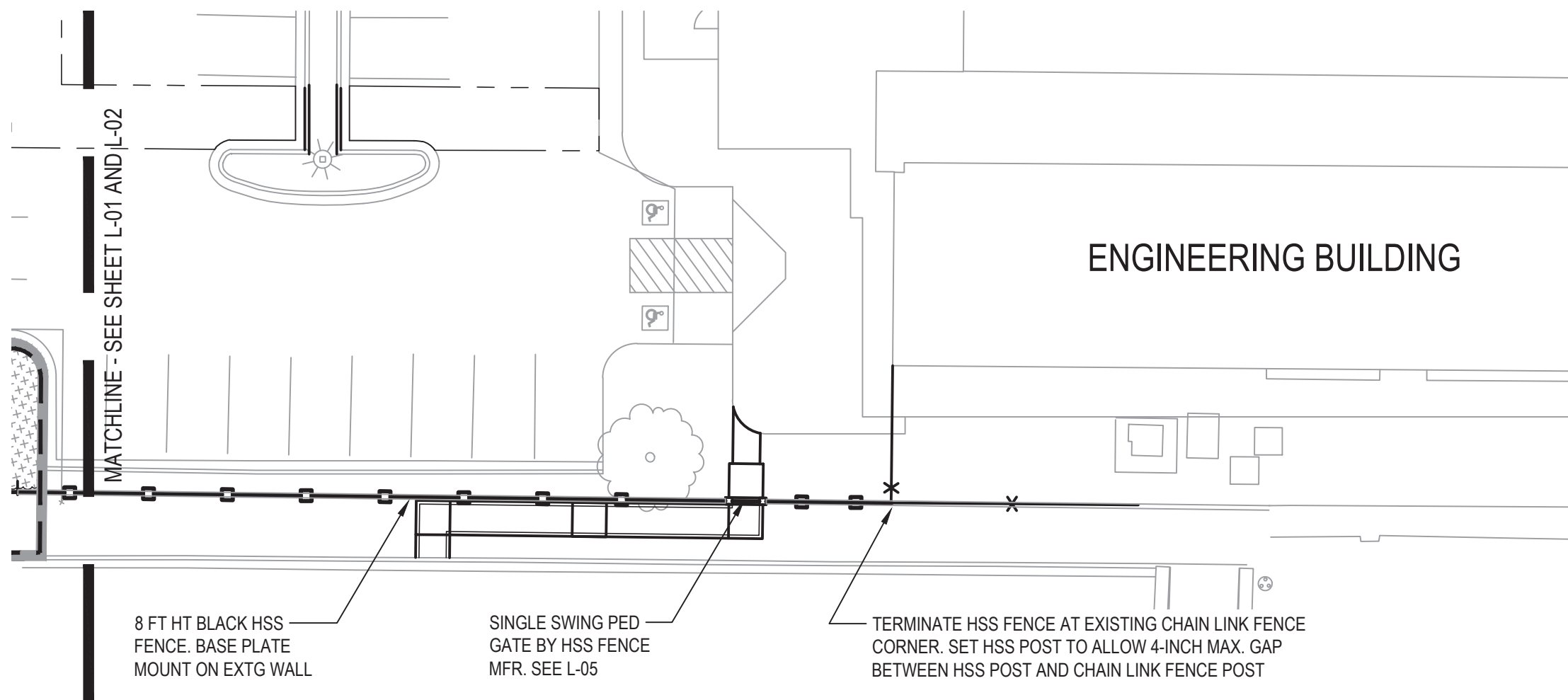
- CONTRACTOR SCOPE OF WORK INCLUDES ALL WORK DEPICTED IN THESE DRAWINGS **EXCEPT** FURNISHING AND INSTALLING PLANT MATERIAL. PLANT MATERIAL SHALL BE PROVIDED AND INSTALLED BY OWNER AFTER FINAL COMPLETION OF CONTRACT.

UTILITY NOTE:

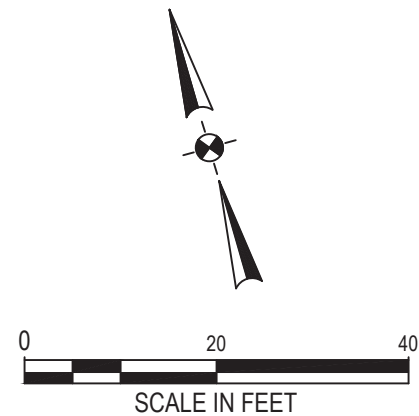
- CONTRACTOR IS CAUTIONED THAT EXISTING UNDERGROUND FACILITIES OCCUR THROUGHOUT THE WORK AREAS INCLUDING BUT NOT LIMITED TO POWER, GAS, TELEPHONE, WATER SUPPLY, AND IRRIGATION. CONTRACTOR SHALL MARK THE FACILITIES BEFORE WORK. POTHOLE WHERE NECESSARY, AND PROTECT DURING CONSTRUCTION. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE IF ANY CONFLICTS ARE FOUND.

LANDSCAPE NOTES:

- GENERAL: SEVERAL OF THE FOLLOWING NOTES SUMMARIZE THE PROJECT SPECIFICATIONS FOR THE CONTRACTORS CONVENIENCE. IF A DISCREPANCY EXISTS BETWEEN THESE NOTES AND THE PROJECT SPECIFICATIONS THE SPECIFICATIONS SHALL OVERRIDE.
- THE LANDSCAPE CONTRACTOR IS TO THOROUGHLY REVIEW THE SITE. IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLAN AND THE EXISTING CONDITIONS THE OWNERS REPRESENTATIVE IS TO BE NOTIFIED IMMEDIATELY.
- IF THE LANDSCAPE CONTRACTOR STARTS WORK BEFORE SITE CONDITIONS ARE READY OR CONTINUES WORK IN ADVERSE CONDITIONS WITHOUT PRIOR APPROVAL THEY WILL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS RELATING TO THE CONDITION.
- IMMEDIATELY NOTIFY OWNERS REPRESENTATIVE CONCERNING ANY CONDITION AT ANY TIME DURING CONSTRUCTION THAT IS DETRIMENTAL TO THE HEALTH AND VIGOROUS GROWTH OF THE SPECIFIED PLANT MATERIAL.
- NOT USED.
- IF AN AREA DIFFERS SIGNIFICANTLY IN SIZE FROM THAT SCALED ON DRAWING AND REQUIRES MORE OR LESS MATERIAL THE OWNERS REPRESENTATIVE IS TO BE INFORMED.
- TOPSOIL: PLACE 6-INCH DEPTH IMPORT TOPSOIL AT ALL NEWLY PLANTED AREAS AND AT DISTURBED AREAS TO BE RESTORED. TOPSOIL SHALL BE PREPARED AND AMENDED IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS. DO NOT APPLY TOPSOIL AT STORM FACILITIES.
- FINISH GRADE: CONFIRM SUBGRADE ELEVATIONS PRIOR TO PLACING TOPSOIL/COMPOST MIXTURE. SURFACE OF TOPSOIL MIXTURE TO MEET FINISH GRADE ELEVATIONS INDICATED IN GRADING PLANS.
- SOIL ANALYSIS: CONTRACTOR SHALL OBTAIN A COPY OF OWNER-PROVIDED SOIL TEST OF TOPSOIL SOURCE. AMEND AND FERTILIZE TOPSOIL IN CONFORMANCE WITH RECOMMENDATIONS INDICATED IN THE REPORT.
- SOIL CONDITIONER: APPLY 3-INCH DEPTH SPECIFIED COMPOST OVER ALL NEWLY PLACED TOPSOIL AREAS EXCEPT STORM FACILITIES. TILL IN TO IMPORT TOPSOIL TO A DEPTH OF 6 INCHES.
- NOT USED.
- NOT USED.
- PLANT MATERIAL: PLANT MATERIAL SHALL BE PROVIDED AND INSTALLED BY OWNER AFTER FINAL COMPLETION OF CONTRACT.
- ROOT BARRIER: INSTALL "DEEP ROOT" OR EQUAL ROOT BARRIER AS INDICATED WHERE PAVED EDGE IS 6 FT. OR LESS FROM CENTER OF TREE TRUNK.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.



FENCE ALIGNMENT



DRN: JED	ORIG DATE: AUGUST 2020
DSN: JED	DWG #: L-03
CHK: DDH	CAD FILE #: 19373B_L1
APPD: DDH	SCALE: AS NOTED

THIS BAR IS ONE INCH
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SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	JED	DDH	ADDENDUM #2

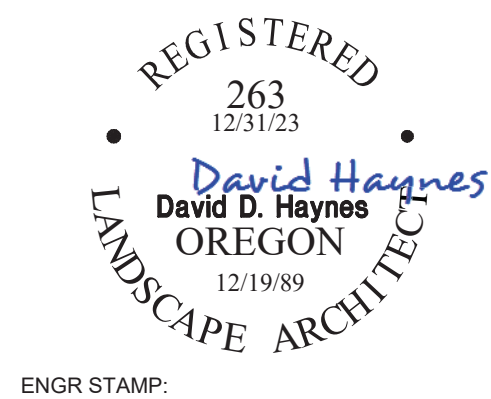


PROJ NAME:
**ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION**
Kennedy Jenks

SHEET TITLE:
**LANDSCAPE
LEGEND AND NOTES**

SHEET: 55 OF: 174
PLOT DATE: 3/22/23
PLC #:
CWS PROJ #: 7012

DWG #:
L-03

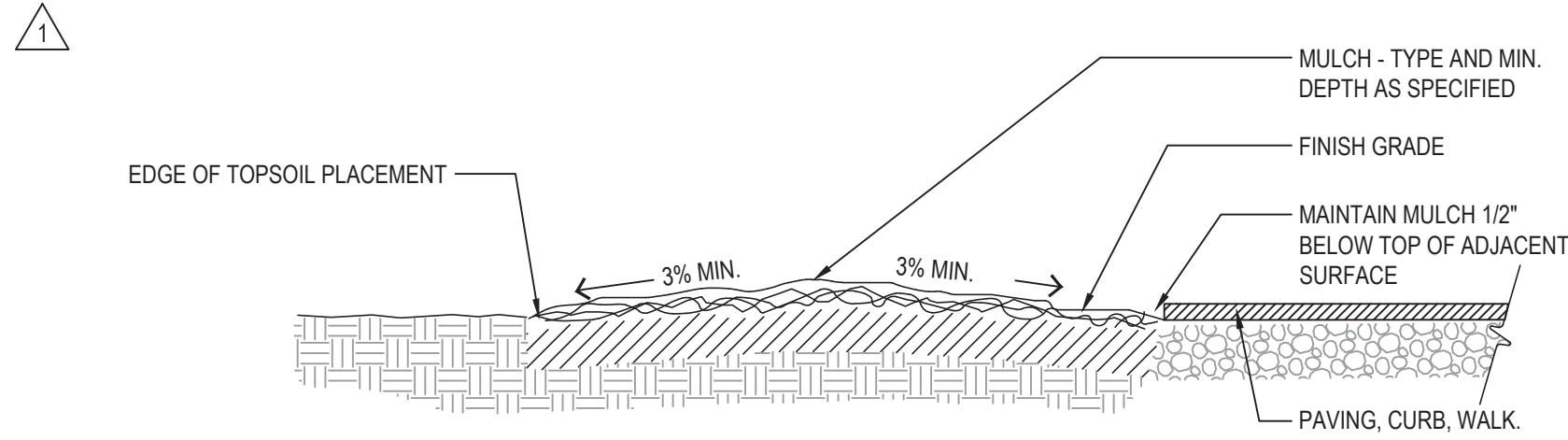


ENGR STAMP:

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Portland, OR 97204
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- NOTES:
1. THE MINIMUM SLOPE FOR PLANTING AREAS IS 3%.
 2. APPLIES TO ALL AREAS WHERE TOPSOIL WILL BE PLACED.

SECTION - PLANT BED GRADING
SCALE: NONE

File: V:\PROJECT\193738\CADD\ACAD\DWG\193738_L1.dwg TAB: L-06
Plotted: 3/22/23 at 1:02pm By: Julia.dehagen

DRN: JED	ORIG DATE: AUGUST 2020
DSN: JED	DWG #: L-06
CHK: DDH	CAD FILE #: 193738_L1
APPD: DDH	SCALE: AS NOTED

THIS BAR IS ONE INCH
WHEN DRAWING IS FULL
SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	JED	DDH	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME:

ROCK CREEK AWWTF
PRIMARY CLARIFIER NO. 4
TREATMENT EXPANSION

Kennedy Jenks

SHEET TITLE:

LANDSCAPE
PLANTING DETAILS

SHEET: 58 OF: 174
PLOT DATE: 3/22/23
PLC #:
CWS PROJ #: 7012

DWG #:

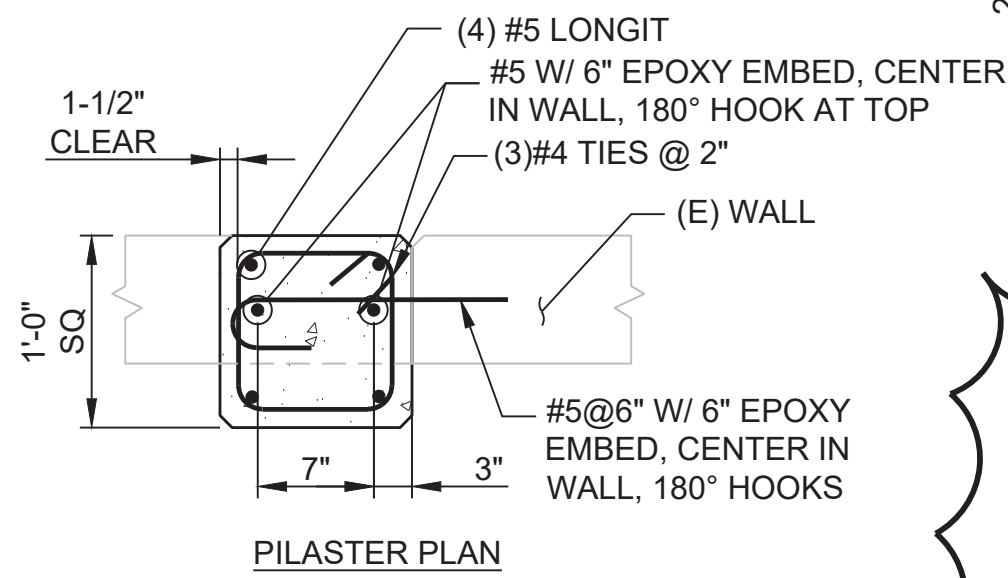
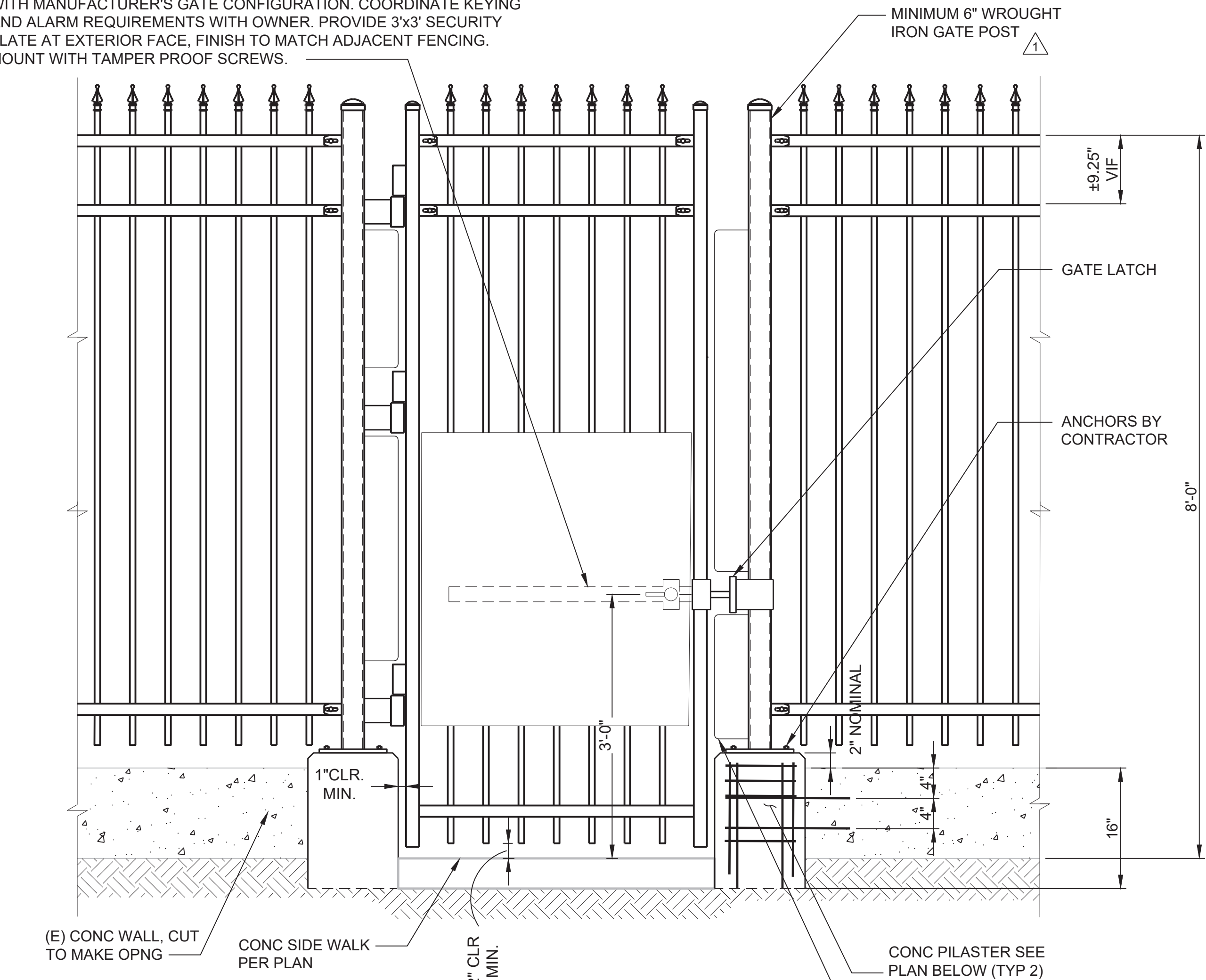
L-06

REGISTERED
263
12/31/23
David D. Haynes
OREGON
12/19/89
LANDSCAPE ARCHITECT

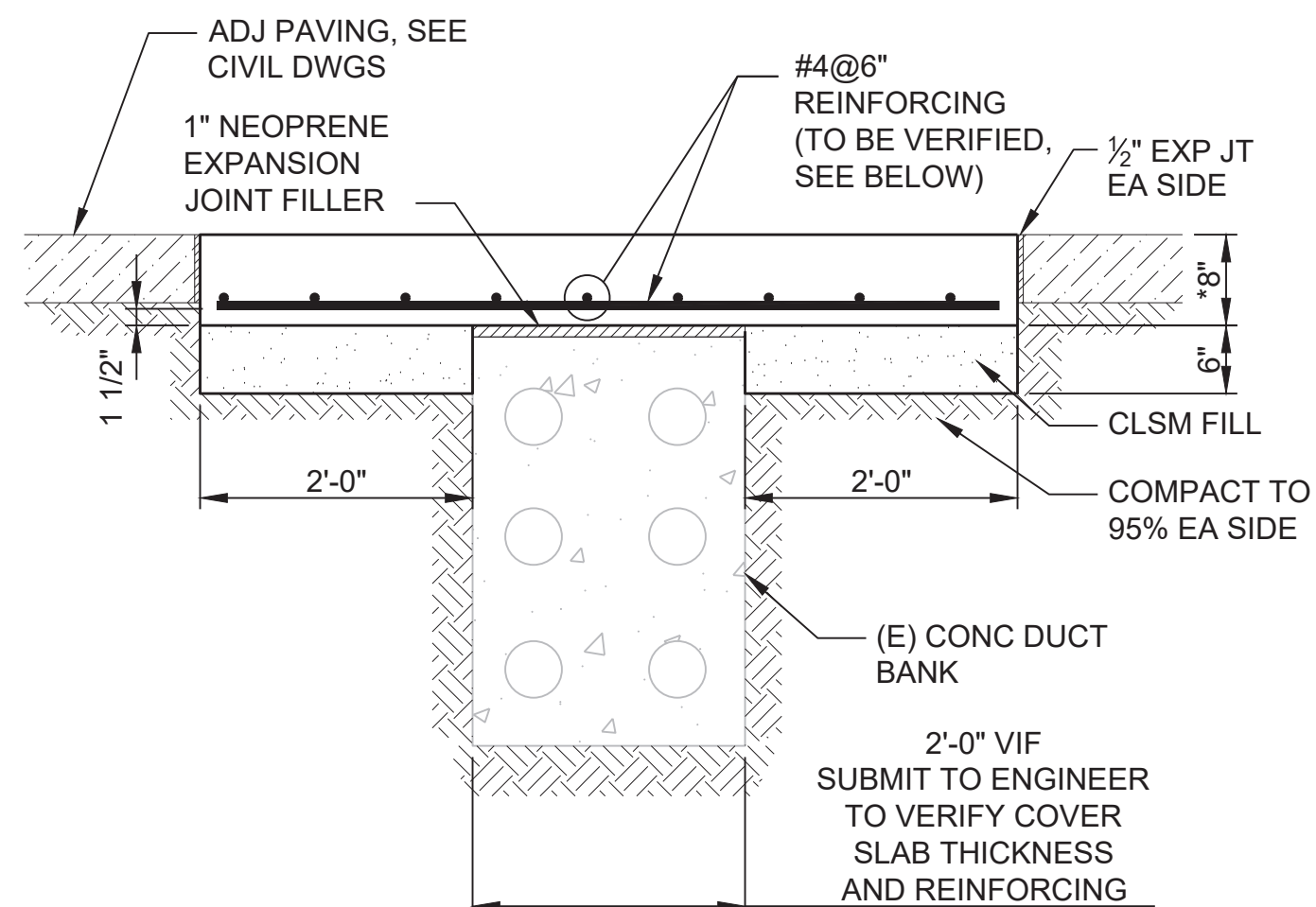
ENGR STAMP:

100% SUBMITTAL
(FOR BID)

PANIC EXIT HARDWARE INCLUDE ALL PANIC HARDWARE COMPATIBLE WITH MANUFACTURER'S GATE CONFIGURATION. COORDINATE KEYING AND ALARM REQUIREMENTS WITH OWNER. PROVIDE 3'x3' SECURITY PLATE AT EXTERIOR FACE, FINISH TO MATCH ADJACENT FENCING. MOUNT WITH TAMPER PROOF SCREWS.



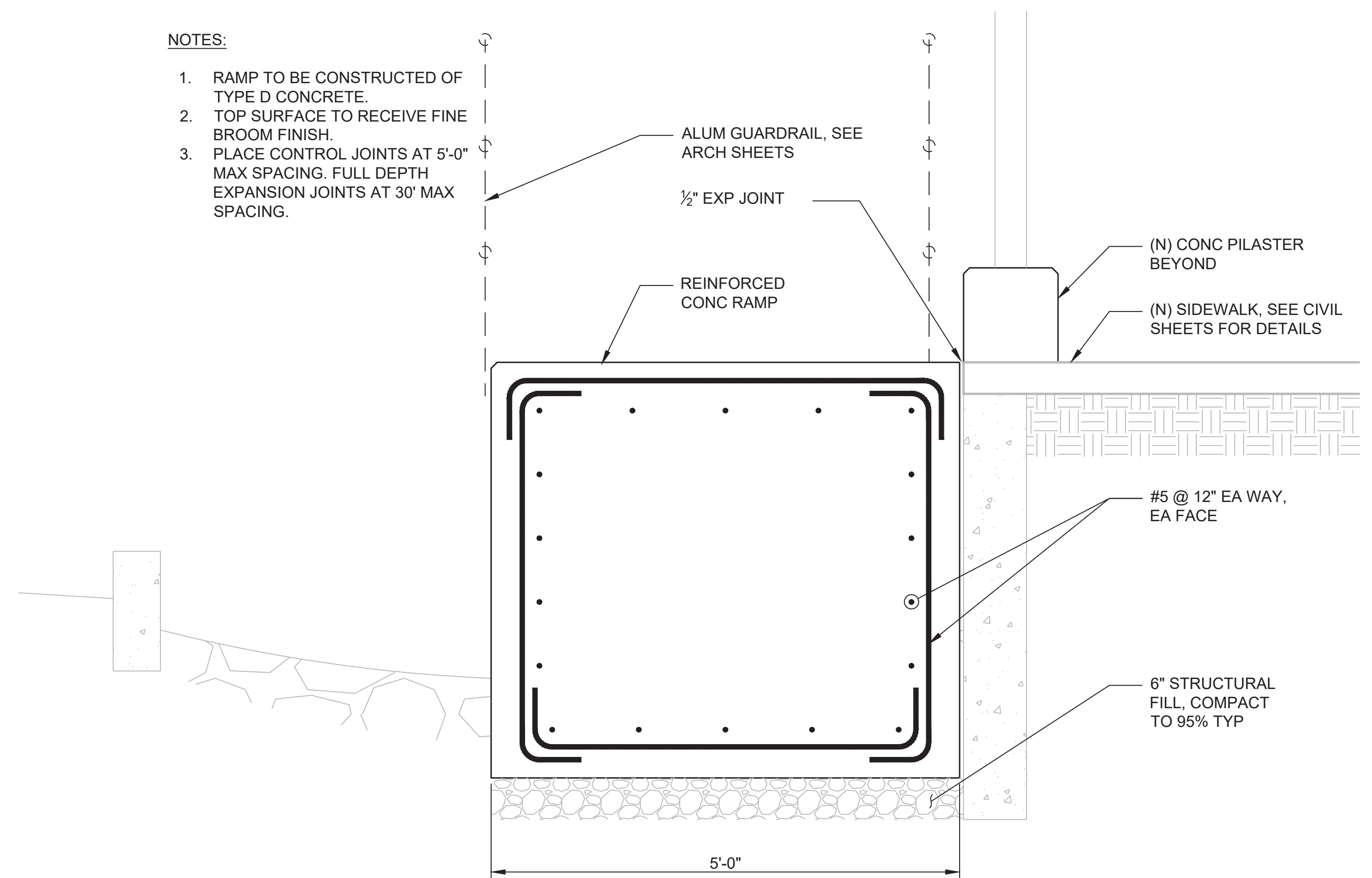
1 GATE DETAIL
A004 SCALE: NO SCALE



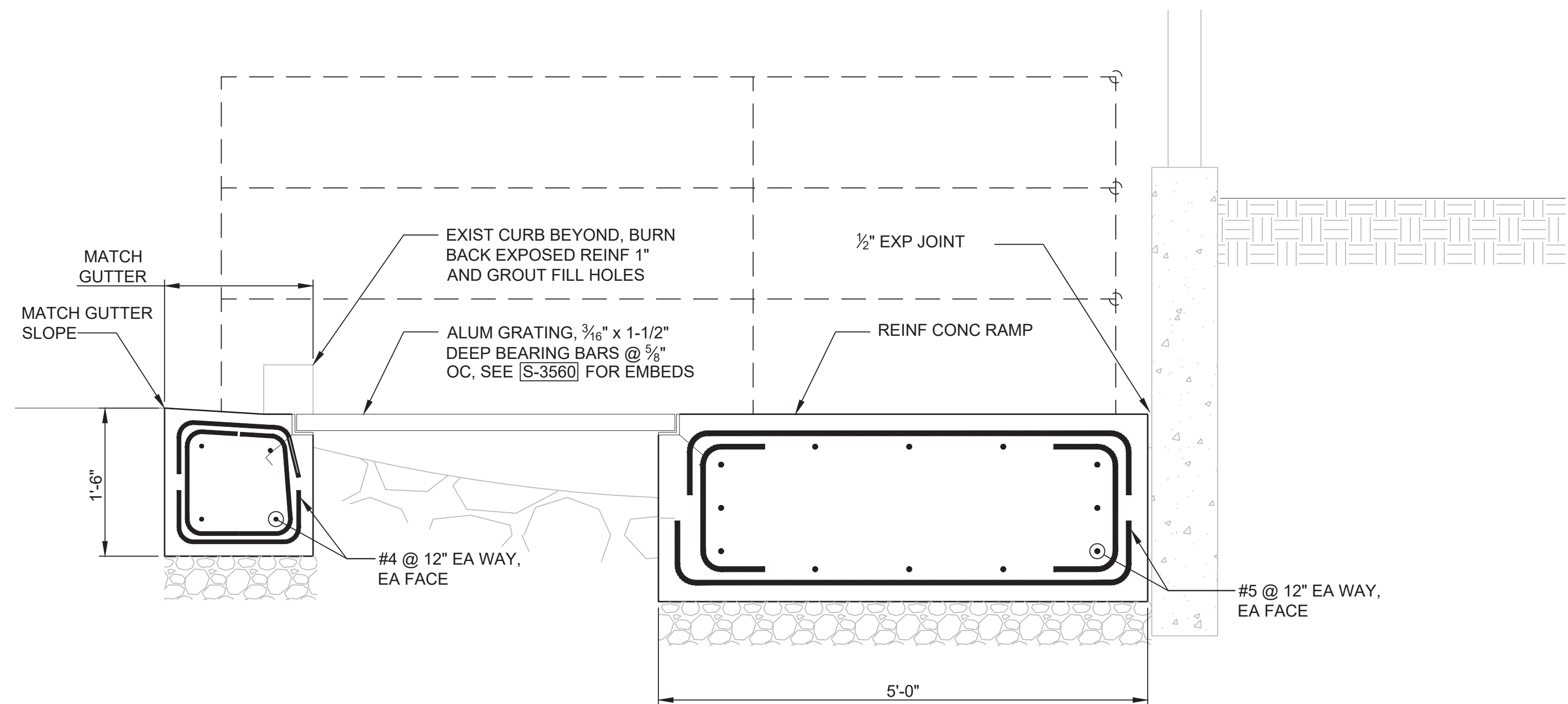
2 PAVING AT EXISTING DUCT BANK
C022 SCALE: NO SCALE

NOTES:

1. RAMP TO BE CONSTRUCTED OF TYPE D CONCRETE.
2. TOP SURFACE TO RECEIVE FINE BROOM FINISH.
3. PLACE CONTROL JOINTS AT 5'-0" MAX SPACING. FULL DEPTH EXPANSION JOINTS AT 30' MAX SPACING.



A RAMP SECTION AT EXISTING SWALE
A004 SCALE: NO SCALE



B RAMP SECTION AT EXISTING SWALE
A004 SCALE: NO SCALE

DRN: CLL	ORIG DATE: AUGUST 2020
DSN: STP	DWG #: S008
CHK: JDS	CAD FILE #: 1876008.13-S008
APPD: -	SCALE: AS NOTED

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/24/2023	MP	MDH	ADDENDUM #2

CleanWater Services

2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF PRIMARY CLARIFIER NO. 4 TREATMENT EXPANSION

K Kennedy Jenks

SHEET TITLE: STRUCTURAL MISCELLANEOUS SITE DETAILS

SHEET: 75 OF: 174
PLOT DATE: 3/22/23
PLC #: N/A
CWS PROJ #: 7012

DWG #: S008

REGISTERED PROFESSIONAL ENGINEER 89742PE

DIGITALLY SIGNED OREGON JAN 15, 2015 JAKE SALTER

ENGR STAMP: EXPIRES: 6/30/24

100% SUBMITTAL (FOR BID)

1. 1 1/2" FLUSHING CONNECTION, SEE DETAIL 1/M006.
2. HPHW UTILITY STATION. PROVIDE HOSE RACK SEE UTILITY STATION DETAILS ON M003. WARNING SIGN TO READ "HIGH PRESSURE HOT WATER" SEE SPECIFICATION SECTION 15050 FOR PIPE AND VALVE REQUIREMENTS.
3. TYPE A UTILITY WATER STATION, SEE DETAIL 1/M003.
4. TYPE G PIPE PENETRATION.
5. TYPE B UTILITY STATION. SEE DETAIL 1/M003.
6. BY SCUM PUMP MANUFACTURER. SEE SPECIFICATION 11318.
7. 6" LONG HDPE STUB WITH WELDED ENDCAP.



REGISTERED PROFESSIONAL
ENGINEER
64471PE
DIGITALLY SIGNED
OREGON
JAN 23, 2001
CHARLES L. WRIGHT JR.
EXPIRES: 6/30/24

ENGR STAMP:

100% SUBMITTAL
(FOR BID)

File: pw:\kjc-pw bentley.com\kjc-pw\Documents\Clients\Clean Water Services, County of WA\Projects\Rock Creek Primary Clarifier Final Design_1876008.13\10-Design\10.06-Drawings\MechanicalModels\1876008.13-M-RC-CLAR.rvt
Plotted: 3/22/2023 11:55:08 AM
By: Kennedy Jenks

