KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
614 DIVISION STREET (MS-26), PORT ORCHARD, WA 98366-4699 | KITSAP1: 360.337.5777 | KITSAPGOV.COM

ADDENDUM #5
FORMAL BID 2020-115

KITSAP COUNTY PUBLIC WORKS WASTEWATER DIVISION
CENTRAL KITSAP TREATMENT PLANT MODULAR BUILDING ADDITIONS

TO:	All Respondents
FROM:	Vicki Martin, Buyer
CLOSING DATE:	**May 21, 2020 @ 3:00 PM (Revised per Addendum #4)**
DATE:	May 13, 2020

The purpose of this addendum is to modify the Contract Documents for the referenced project. This addendum shall become a part of these Contract Documents. Bidder shall acknowledge receipt of this 13-page addendum (including attachments) on the Bid Form.

VOLUME 1 OF 2 OF THE CONTRACT DOCUMENTS IS MODIFIED AS FOLLOWS:

INVITATION TO BID

Item 1. ADD the attached Mandatory Pre-Bid Meeting Minutes and Attendance Sign-In List to the Contract Documents.

WSDOT DIVISION 1 – SPECIAL PROVISIONS

Item 2. SUPPLEMENT Section 1-07.1 Laws to be Observed with the following:

COVID-19 Health and Safety Plan (CHSP)
In response to COVID-19, the Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP) in conformance with Section 1-04.3(11) of these special provisions. A copy of the CHSP developed by the Contractor shall be submitted to the Engineer as a Type 2 Working Drawing.

Item 3. SUPPLEMENT Section 1-04.3(1) Activities by adding the following activity:

11. COVID-19 Health and Safety Plan (CHSP)

Item 4. SUPPLEMENT Section 1-04.3 Preconstruction Work Phase by adding the following new section:

1-04.3(11) COVID-19 Health and Safety Plan (CHSP)

COVID-19 Health and Safety Plan (CHSP)
The Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP). The CHSP shall be prepared and submitted as a Type 2 working drawing prior to beginning physical Work.

The Contractor shall update and resubmit the CHSP as the work progresses and new activities appear on the look ahead schedule required under Section 1-08.3(2)D. If the conditions change on the project, or a particular activity, the Contractor shall update and resubmit the CHSP. Work on any activity shall cease if conditions prevent full compliance with the CHSP.

The CHSP shall address the health and safety of all people associated with the project including Contractor's employees, Kitsap County staff, Kitsap County representatives, project staff, subcontractors, suppliers and anyone on the project site, staging areas, or yards. The plan shall contain the following minimum elements:

1. The CHSP shall identify all standards, guidance, publications, and sources on which it is based. Those standards may include references to OHSA, WISHA, and CDC publications that are current at the time the CHSP is prepared.

2. The CHSP shall identify a responsible individual from the Contractor who is responsible for implementation of the CHSP. The individual(s) contact information shall be listed in the CHSP.

3. The CHSP shall specifically identify the project for which it is applicable, and if applicable, shall address project work areas outside the project limits such as staging areas or yards.

4. The CHSP shall identify the PPE and administrative and engineered controls necessary to maintain a safe site. This includes but is not limited to: sanitation resources, screening stations, safety briefings, controlling access, and personal protective equipment (PPE) needed to protect workers from COVID-19.

5. The CHSP shall identify measures for screening and managing workers or visitors to areas identified in the CHSP. The plan shall include procedures should a person exhibit symptoms of COVID-19.

6. The CHSP shall identify how the plan will be updated as new work activities are added with each Weekly Look-Ahead schedule. The CHSP updates shall identify the number of workers, crews, work tasks, and the degree of congestion or confinement workers will experience for the work activities in the Weekly Look-Ahead schedule.

7. The CHSP shall include how the Contractor will ensure everyone on the site has been trained on the CHSP requirements. This includes subcontractors, suppliers, and anyone on the project site.

COVID-19 Health and Safety Plan (CHSP) Inspection

The Contractor shall grant full and unrestricted access to the Engineer for CHSP Inspections. The Engineer (or designee) will conduct periodic compliance inspections on the project site, staging areas, or yards to verify that any ongoing work activity is following the CHSP plan. If the Engineer becomes aware of a noncompliance incident either through a site inspection or other means, the Contractor will be notified immediately (within 1 hour). The Contractor will be given 24 hours to either remedy the noncompliance incident or halt the associated work activity. If the Contractor fails to comply within 24 hours of receiving the Engineer's notification, the Engineer may suspend Work. The Contractor must satisfy the Engineer that the noncompliance incident has been corrected before the suspension will end.

Item 5. SUPPLEMENT Section 1-08.4 Notice to Proceed and Prosecution of the Work by adding the following:

No work shall be performed on the site until a COVID-19 Health and Safety Plan (CHSP) has been prepared in conformance with Section 1-04.3(11) of these special provisions.

VOLUME 2 OF 2 OF THE CONTRACT DOCUMENTS IS MODIFIED AS FOLLOWS:

Item 6. Drawing C-300: REPLACE Drawing C-300 with the attached C-300.

Item 7. Drawing E0.01: REPLACE Drawing E0.01 with the attached E0.01.

Item 8. Drawing E1.01: REPLACE Drawing E1.01 with the attached E1.01.

Item 9. Drawing E2.01: REPLACE Drawing E2.01 with the attached E2.01.

Item 10. Drawing E2.02: REPLACE Drawing E2.02 with the attached E2.02.

Item 11. Drawing E2.03: REPLACE Drawing E2.03 with the attached E2.03.

Item 12. Drawing 6.01: REPLACE Drawing E2.03 with the attached E6.01.

End Addendum #5

KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS
614 DIVISION STREET (MS-26), PORT ORCHARD, WA 98366-4699 | KITSAP1: 360.337.5777 | KITSAPGOV.COM

Kitsap County Public Works-Waste Water Division
Central Kitsap Treatment Plant Modular Building Additions
Mandatory Pre-Bid Meeting Minutes
Formal Bid 2020-115

Mandatory Pre-Bid Meeting Date: May 12, 2020 @ 1:00 PM
Closing Date: May 21, 2020 @ 3:00 PM

1. Introductions
2. Bid Documents
   a. Addendum 1 thru 4 have been issued
   b. Addendum 5 will be issued after pre-bid meeting
      i. COVID-19 requirements
      ii. Revised drainage
      iii. Revised Telecom
3. Scope of Work
   a. Temporary relocation of single wide
   b. Removal of existing trailers.
   c. Purchase, delivery & installation of three new modular buildings
   d. New underground utilities, drainage, and sidewalks
4. Permits
   a. Owner Provided – SDAP & Demolition
   b. Contractor Provided – Building & Electrical
5. Completion Milestones
   a. Preconstruction Phase Work – 40 Calendar Days from LNTP
   b. Substantial Completion – 240 Calendar Days from NTP
   c. Physical Completion – 270 Calendar Days from NTP
6. Site Conditions
   a. Facility Entrance Access (Brownsville Hwy)
   b. Building & Materials Staging
   c. Facility Access & Parking
7. Safety
   a. See Addendum 5 for additional COVID-19 requirements.
   b. Traffic Control
8. Site Walk
9. Questions and Answers
   Q. Is the Contractor to pay for the Building Permit or will the County being paying?
   A. Kitsap County Public Works will pay the permit fee directly, however the Contractor is responsible to apply for and obtain the Building Permit. Cost for the Electrical Permit is the Contractor's responsibility.

KITSAP COUNTY DEPARTMENT OF PUBLIC WORKS

614 DIVISION STREET (MS-26). PORT ORCHARD. WA 98366-4699 | KITSAP1: 360.337.5777 | KITSAPGOV.COM

Project: Central Kitsap Treatment Plant Modular Building Additions	**Location:** Central Kitsap Treatment Plant	
Meeting: Pre-Bid Construction Meeting	**Date:** 05/12/2020	**Time:** 1:00p.m.

MEETING ATTENDEES

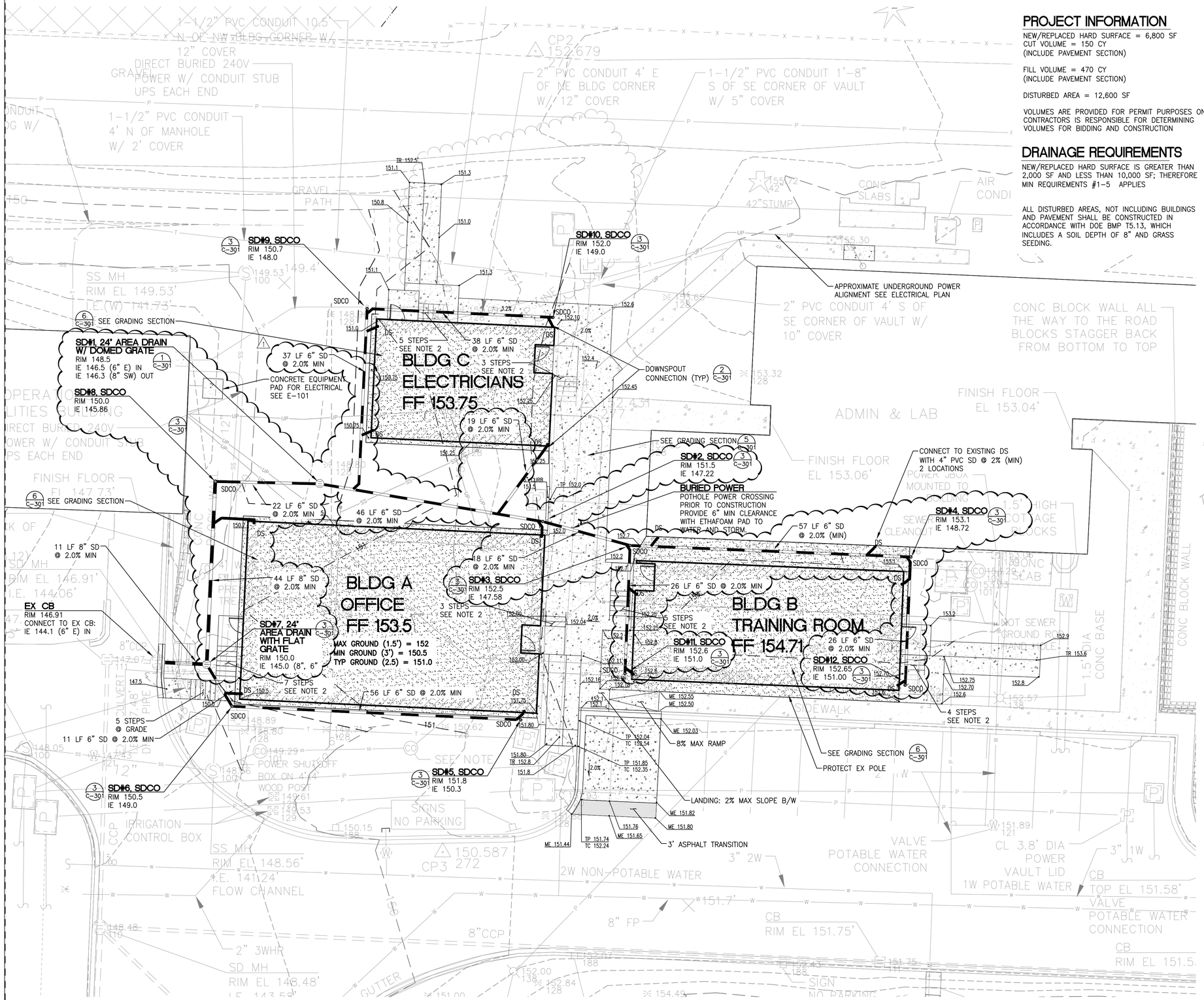
Name	Company/Representing	Phone #	Email
Barbara Zaroff	Kitsap County		bzaroff@co.kitsap.wa.us
Chris Sheridan	Kitsap County		csheridan@co.kitsap.wa.us
Connie Allen	Kitsap County		cjallen@co.kitsap.wa.us
Dennis Graham	Kitsap County		dgraham@co.kitsap.wa.us
Floyd Bayless	Kitsap County		Fbayless@co.kitsap.wa.us
Kenny Cobb	MD Marine Elec.		KennyC@MDMarineElectric.com
Josh Ziembicki	GIS International Group		josh@GISINTERNATIONAL.com
Lewi Larson	LBC Construction	2535087259	Lewie Larsonberger@CC.com
Bid/Walk Attendee: Shawn Hughes **Bids@OlympicPeninsulaConstruction.com** Office (360) 626-1963	Olympic Peninsula Construction		
Nick Francis	GIS International		nfrancis@GISINTERNATIONAL.COM

OVER

Project: Central Kitsap Treatment Plant Modular Building Additions	**Location:** Central Kitsap Treatment Plant	
Meeting: Pre-Bid Construction Meeting	**Date:** 05/12/2020	**Time:** 1:00p.m.

MEETING ATTENDEES

Name	Company/Representing	Phone #	Email
Chris Blumenthal	Bronco Electric Inc.	360-613-0500	Chris@broncoe.com
Logan Brooks	Clark Construction LLC	206-902-8583	logan@clarkconstruct.com
Ryan Poppe	Chinook Contractors	360 613 4086	Ryan@chinookcontractors.com
Seth Kiele	George's Electric Inc	360-895-9482	georgeselectricpo@gmail.com
Michael Miltimore	General Mechanical	253-606-0687	MMILTIMORE@GENERALMECHANICAL.COM
Alex Frey	D. P. Wain Con.	360 698 5917	dpwain@msn.com
Shanna Hiatt	GIS	425 553 8923	Shanna@gisinternational.com
Nick Wood	Bainbridge Electric	206-842-4200	nick@bainbridgeelectric.com
Lee Rogers	Woodland Industries	253-606-9663	LEE@WOODLANDINDUSTRIES.NET
Rick Neil	Modern Building Systems	253 2605683	rneil@modernbuildingsystems.com
Skip Locke	Williams Scotsman	425-442-3500	lwlocke@willscot.com
Tom Johnson	Norsland Const. NW	360-774-1274	JMTNCI@OUTLOOK.COM
Scott Price	Williams Scotsman	503 519 9773	SRPRICE@willscot.com
Joe Lockhart	Sound Excavation	360-373-1613	RHOUDA@SOUNDEXCAVATION.COM



PROJECT INFORMATION

NEW/REPLACED HARD SURFACE = 6,800 SF
CUT VOLUME = 150 CY
(INCLUDE PAVEMENT SECTION)

FILL VOLUME = 470 CY
(INCLUDE PAVEMENT SECTION)

DISTURBED AREA = 12,600 SF

VOLUMES ARE PROVIDED FOR PERMIT PURPOSES ONLY. CONTRACTORS IS RESPONSIBLE FOR DETERMINING VOLUMES FOR BIDDING AND CONSTRUCTION

DRAINAGE REQUIREMENTS

NEW/REPLACED HARD SURFACE IS GREATER THAN 2,000 SF AND LESS THAN 10,000 SF; THEREFORE MIN REQUIREMENTS #1-5 APPLIES

ALL DISTURBED AREAS, NOT INCLUDING BUILDINGS AND PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH DOE BMP T5.13, WHICH INCLUDES A SOIL DEPTH OF 8" AND GRASS SEEDING.

LEGEND

- PROPERTY LINE
- EX CONTOUR (INDEX)
- EX CONTOUR
- PROPOSED CONTOUR (INDEX)
- PROPOSED CONTOUR
- RAMP ELEVATION
- SPOT ELEVATION
- FF 78.0 — FINISHED FLOOR ELEVATION
- EX BUILDING
- PROPOSED BUILDING
- CONCRETE PAVEMENT
- HEAVY DUTY CONCRETE
- TACTILE WARNING STRIP
- GRAVEL SURFACING
- CURB AND GUTTER
- AREA/YARD DRAIN
- STORM DRAINAGE PIPE
- SDCO● — STORM DRAIN CLEANOUT
- DS● — DOWNSPOUTS
- SIDE SEWER PIPE
- SEWER CLEANOUT
- SIDE SEWER CONNECTION
- WATER FITTINGS
- WATER SERVICE LINES
- WATER SERVICE LINES

NOTE:
1. ACCESS RAMPS, LANDINGS AND STAIRS TO BUILDINGS ARE PER ARCHITECTURAL PLANS AND WILL BE PLACED ON TOP OF CONCRETE SHOWN.
2. CONTRACTOR TO VERIFY RAMP AND STAIR DIMENSIONS PRIOR TO INSTALLING CONCRETE PAVEMENT.

Call 3 Working Days Before You DIG!
1-800-424-5555

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MARC J. SERVATIUS — STATE OF WASHINGTON — 22870 — REGISTERED PROFESSIONAL ENGINEER — 2/26/2020

KITSAP COUNTY — WASHINGTON — 1857

Project Title

KITSAP COUNTY PUBLIC WORKS
CENTRAL KITSAP TREATMENT PLANT MODULAR BLDG ADDITIONS
12351 BROWNSVILLE HWY NE
POULSBO, WA 98370

Project Numbers

Issue & Revision Dates

20 DECEMBER 2019	100% SD
16 JANUARY 2020	PERMIT SET
24 FEBRUARY 2020	BID SET
⚠ 24 APRIL 2020	ADD NO.5

BID SET

NOTE: DRAWING MAY BE REDUCED

Sheet Title
GRADING AND DRAINAGE

Drawn By | Checked By

Sheet Number
C-300

Sheet Number Of

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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	RECEPTACLES - FOR REFERENCE ONLY
	DUPLEX RECEPTACLE
G	DUPLEX RECEPTACLE (G INDICATES GROUND FAULT CIRCUIT INTERRUPTER)
S	DUPLEX RECEPTACLE(S INDICATES CONTROLLED DUPLEX RECEPTACLE)
C	DUPLEX RECEPTACLE (C INDICATES ABOVE COUNTER)
	FOURPLEX RECEPTACLE
S	FOURPLEX RECEPTACLE WITH COMBINED UNSWITCHED DUPLEX RECEPTACLE AND CONTROLLED DUPLEX RECEPTACLE
A	COMBINATION FLOOR BOX(FOURPLEX RECEPTACLE AND DATA). PROVIDE SEPARATE (1) 1-1/4" DATA CONDUIT ROUGH-IN FROM FLOORBOX TO WALL AND TERMINATE ABOVE CEILING. (1)
	SPECIAL PURPOSE OUTLET - 1Ø, VOLTAGE AND AMPERES AS INDICATED
	NOTE: RECEPTACLES SHOWN ON THE PLANS ARE FOR REFERENCE ONLY. RECEPTACLES WILL BE INCLUDED AND WIRED BY THE BUILDING MANUFACTURER.
	TELECOMMUNICATIONS SYSTEM - FOR REFERENCE ONLY (1)
C	COMMUNICATION / DATA OUTLET - SHOWN FOR REFERENCE ONLY. 1" CONDUIT AND BACKBOX INFRASTRUCTURE PROVIDED BY MODULAR BUILDING MANUFACTURER. CABLE, CONNECTORS, AND OTHER EQUIPMENT PROVIDED BY OWNER'S TELECOMMUNICATIONS VENDOR. 'C' INDICATES OUTLET MOUNTED ABOVE COUNTER.
	WALL MOUNTED RACK ENCLOSURE - SHOWN FOR REFERENCE ONLY. CONDUIT AND BACKBOX INFRASTRUCTURE PROVIDED BY MODULAR BUILDING MANUFACTURER. CABLE, CONNECTORS, AND OTHER EQUIPMENT PROVIDED BY OWNER'S TELECOMMUNICATIONS VENDOR.
	NOTE: COMMUNICATIONS/DATA OUTLETS SHOWN ON THE PLANS ARE FOR REFERENCE ONLY. DATA/COMM ROUGH-IN TO BE PROVIDED BY THE BUILDING MANUFACTURER. DATA/COMM CABLING, TERMINATIONS AND OUTLETS BY OWNER'S VENDOR.
	EQUIPMENT, WIRING AND RACEWAYS
	CONDUIT STUB OUT (PROVIDE CONCRETE MARKER ON EXTERIOR)
	DEDICATED CONDUIT HOMERUN TO PANEL & CIRCUIT NUMBERS AS INDICATED ON PLANS
	RACEWAY CONCEALED IN WALL OR CEILING
	RACEWAY CONCEALED UNDERGROUND OR UNDER FLOOR SLAB
	MARKS INDICATE NUMBER OF #12 AWG UNLESS NOTED OTHERWISE
	GROUNDING CONDUCTOR
	FLEXIBLE CONDUIT
	GROUNDING SYSTEM PER CODE
J	JUNCTION BOX - SIZE PER CODE
	MOTOR CONNECTION
M	MANUAL STARTER
	ENCLOSED CIRCUIT BREAKER DISCONNECT SWITCH
	120/208 VOLT PANELBOARD (OR AT RATED VOLTAGE AS NOTED)
HH	HANDHOLE - SIZE PER NEC
	GROUND ROD WITH GROUND WELL (1)
	MISCELLANEOUS
1	CONSTRUCTION NOTES
W	W INDICATES WEATHERPROOF FOR ALL DEVICES, PROVIDE LOCKING COVER ON RECEPTACLES.

GENERAL NOTES

1. COORDINATE AND VERIFY EXACT ROUTING AND LOCATION OF ALL EXISTING UNDERGROUND CONDUITS PRIOR TO ROUGH-IN.
2. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
3. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
4. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
5. POWER RECEPTACLE OUTLETS SHOWN ON THE PRE-MANUFACTURED BUILDING FLOOR PLAN SHEETS E2.01, E2.02 AND E2.03 ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY THE BUILDING MANUFACTURER. (1)
6. DATA/COMMUNICATIONS OUTLETS AND EQUIPMENT SHOWN ON THE PRE-MANUFACTURED BUILDING FLOOR PLAN SHEETS E2.01, E2.02 AND E2.03 ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY OTHERS.
7. ELECTRICAL DISTRIBUTION WORK SHOWN ON SHEET E6.01 ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

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2/27/2020

KITSAP COUNTY
18 57
WASHINGTON

Project Title

KITSAP COUNTY PUBLIC WORKS
CENTRAL KITSAP TREATMENT PLANT MODULAR BLDG ADDITIONS
12351 BROWNSVILLE HWY NE
POULSBO, WA 98370

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20 DECEMBER 2019	100% SD
16 JANUARY 2020	PERMIT SET
24 FEBRUARY 2020	BID SET
(1) 05 MAY 2020	ADDENDUM 5

BID SET

Sheet Title

ELECTRICAL AND TELECOM LEGENDS

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Sheet Number

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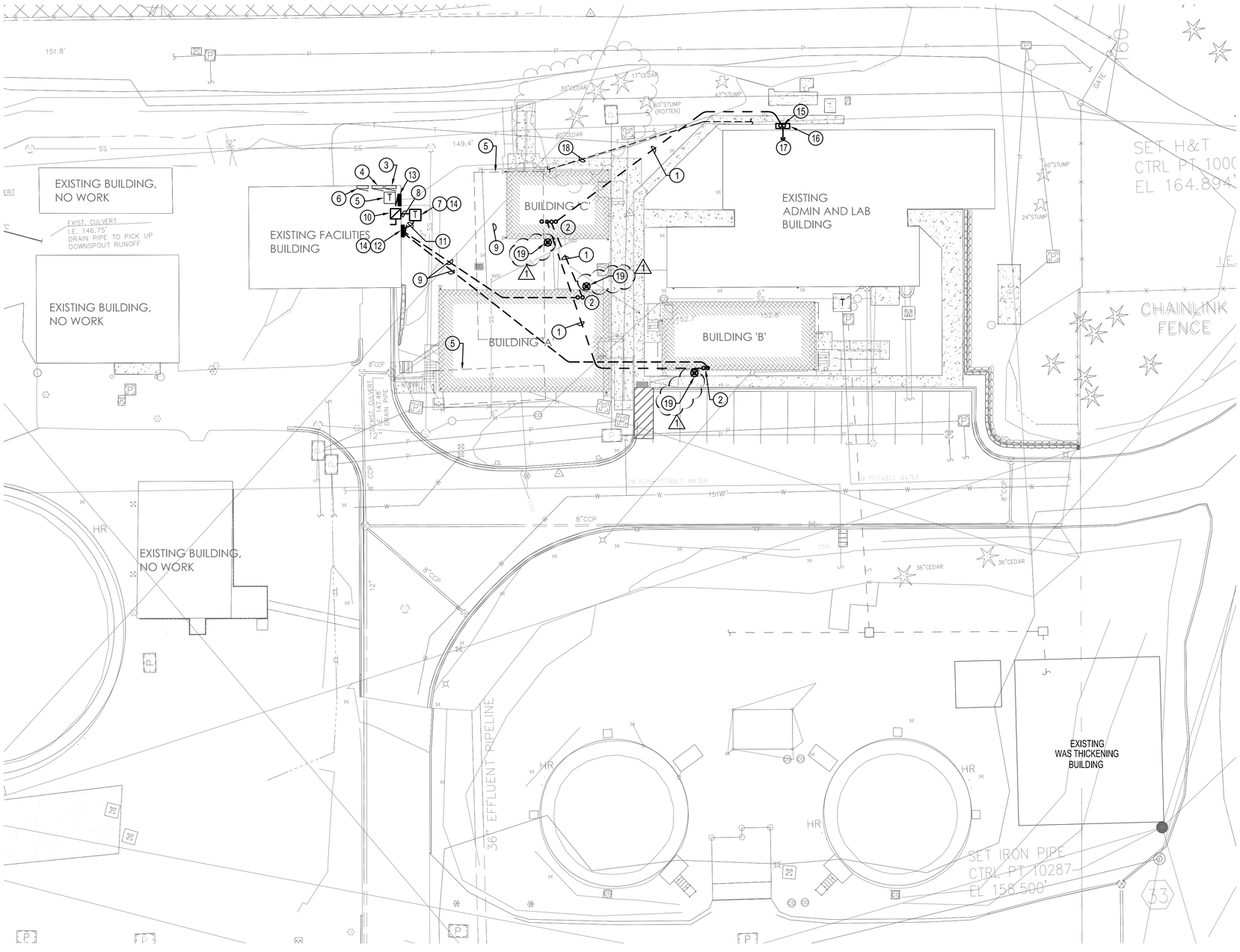

1 ELECTRICAL SITE PLAN
1" = 20'-0"

NORTH

0' 20' 40' 60' 80'
GRAPHIC SCALE 1" = 20'-0"

GENERAL NOTES

1. COORDINATE AND VERIFY EXACT ROUTING AND LOCATION OF ALL EXISTING UNDERGROUND CONDUITS PRIOR TO ROUGH-IN.
2. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
3. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
4. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
5. ELECTRICAL DISTRIBUTION WORK SHOWN ON SHEET E6.01 ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

CONSTRUCTION NOTES

1. PROVIDE NEW CONCRETE ENCASED (2) 2-1/2" CONDUITS. FOR TELECOMMUNICATIONS BACKBONE CABLING. PROVIDE CONDUITS WITH PULLSTRING FOR OWNER'S CABLE INSTALLER.
2. COORDINATE EXACT LOCATION OF BUILDING SERVICE POINT WITH THE BUILDING MANUFACTURER.
3. EXISTING FACILITIES BUILDING 100A, 480Y/277V, 3Ø PANELBOARD MCC-4-S101 TO BE REPLACED. SEE POWER RISER DIAGRAM ON SHEET E6.01.
4. EXISTING PANEL MCC-4-S102 TO REMAIN.
5. EXISTING PORTABLE BUILDING TO BE REMOVED. DISCONNECT AND REMOVE EXISTING PORTABLE BUILDING FEEDERS TO INCLUDE THE EXISTING 37.5KVA TRANSFORMER, ALL EXPOSED AND UNDERGROUND CONDUIT, TELECOMMUNICATIONS CABLES AND WIRES SERVING THE (2) EXISTING MODULAR OFFICE BUILDINGS. SEE SHEET E6.01 FOR ADDITIONAL INFORMATION. GROUT FILL ALL EXISTING PENETRATIONS AND PAINT TO MATCH EXISTING ADJACENT SURFACES.
6. EXISTING PANEL MCC-4 TO REMAIN.
7. PROPOSED NEW 112.5KVA, 480V, 3Ø, TO 208YV/120V, 3Ø, 4-WIRE STEPDOWN DRY-TYPE TRANSFORMER. PROVIDE WITH STAINLESS STEEL 316 ENCLOSURE. PROVIDE 4'X4'X6" CONCRETE PAD.
8. PROVIDE NEW CONCRETE ENCASED 2" CONDUIT WITH (3) #2/0 AWG-Cu AND (1) #6 AWG-Cu GROUND.
9. NEW SECONDARY BUILDING SERVICE UNDERGROUND CONCRETE ENCASED FEEDER. SEE POWER RISER DIAGRAM ON SHEET E6.01.
10. PROVIDE NEW 175A CIRCUIT BREAKER DISCONNECT SWITCH.
11. PROVIDE NEW CONCRETE ENCASED 3" CONDUIT WITH (4) #350 MCM AWG-Cu AND (1) #2 AWG-Cu GROUND. SEE POWER RISER DIAGRAM ON SHEET E6.01.
12. NEW PANEL "MB", 350A, 208Y/120V, 3Ø, 4-WIRE, NEMA 4X. SEE POWER RISER DIAGRAM ON SHEET E6.01. PROVIDE WITH STAINLESS STEEL 316 CABINET. PROVIDE STAINLESS STEEL UNISTRUT SYSTEM FOR MOUNTING THE NEW PANEL.
13. NEW PANEL "MCC-4-S101" TO REPLACE THE EXISTING 100A PANELBOARD. SEE POWER RISER DIAGRAM ON SHEET E6.01.
14. COORDINATE THE EXACT LOCATION OF THE PANELBOARD AND TRANSFORMER WITH THE OWNER.
15. STUB THE (2) 2-1/2" TELECOMMUNICATIONS CONDUIT ON THE EXTERIOR WALL OF THE EXISTING ADMIN/LAB BUILDING. 1
16. PROVIDE A 24"x24"x4" STAINLESS STEEL NEMA 4X JUNCTION BOX.
17. CORE DRILL AND PROVIDE (2) 2-1/2" CONDUIT SLEEVES INSIDE THE EXISTING TELECOM ROOM. COORDINATE EXACT LOCATION AND HEIGHT WITH THE OWNER. GROUT FILL ALL PENETRATIONS AND PAINT TO MATCH EXISTING ADJACENT SURFACES. 1
18. DISCONNECT AND REMOVE EXISTING TELECOM CABLES AND CONDUIT.
19. PROVIDE GROUND ROD WITH INSPECTION WELL. SEE SHEET E6.01 FOR THE POWER RISER DIAGRAM. 1

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1 05 MAY 2020	ADDENDUM 5

BID SET

Sheet Title
ELECTRICAL SITE PLAN

Drawn By Checked By

Sheet Number
E1.01

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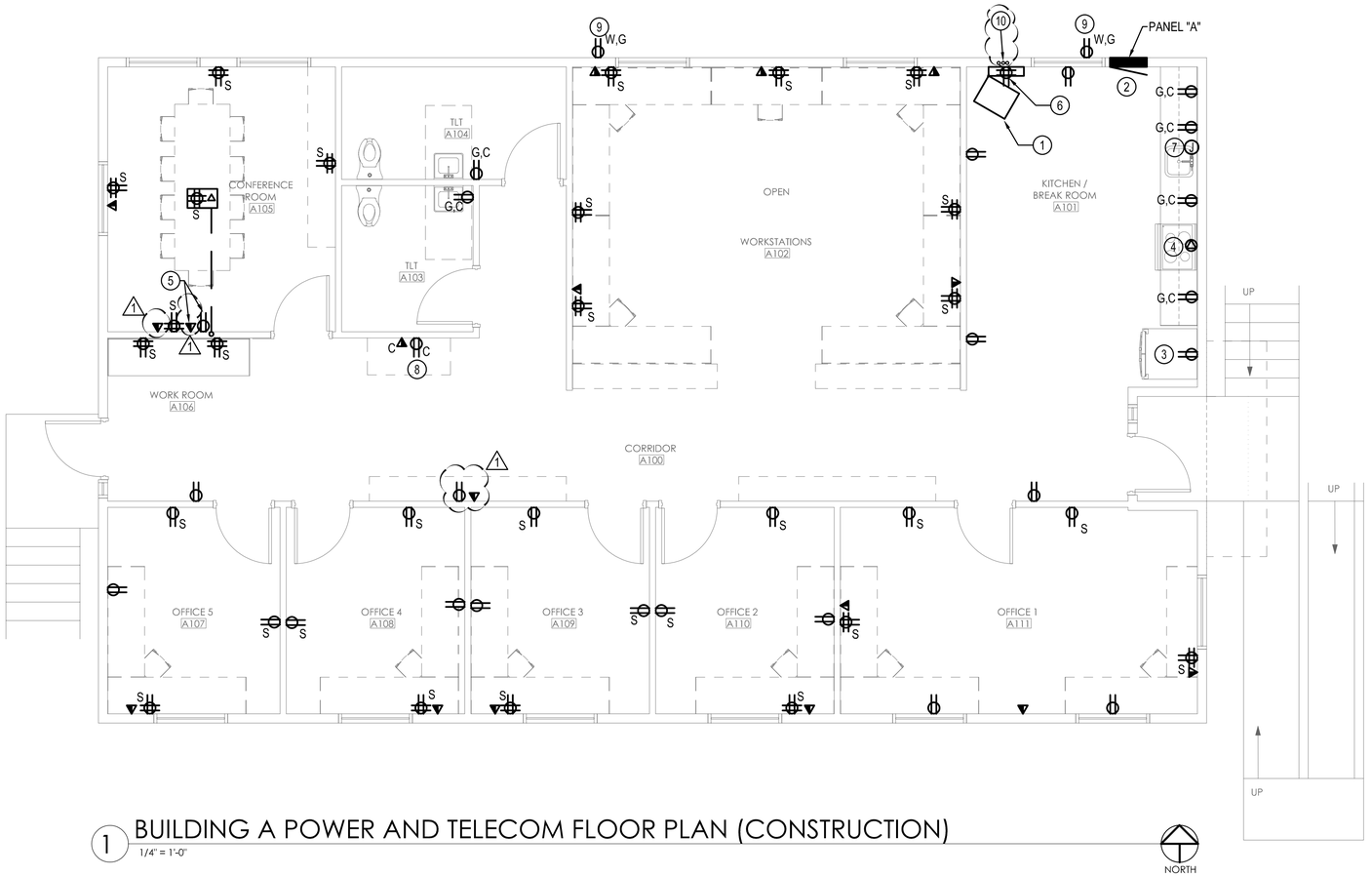

1 BUILDING A POWER AND TELECOM FLOOR PLAN (CONSTRUCTION)

1/4" = 1'-0"

NORTH

GENERAL NOTES

1. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
2. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
3. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
4. POWER RECEPTACLE OUTLETS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY THE BUILDING MANUFACTURER. 1
5. DATA/COMMUNICATIONS OUTLETS AND EQUIPMENT SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY OTHERS.
6. ELECTRICAL DISTRIBUTION WORK SHOWN ON SHEET E6.01 ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

CONSTRUCTION NOTES

1. PROPOSED WALL MOUNTED TELECOM RACK LOCATION. PROVIDE 4'-0" SQUARE 3/4" THICK PLYWOOD BACKBOARD FOR TELECOM RACK MOUNTING. 1
2. PRE MANUFACTURED BUILDING SERVICE PANELBOARD 250A, 120/240V, 1Ø. EXACT LOCATION TO BE VERIFIED BY BUILDING MANUFACTURER.
3. RECEPTACLE FOR REFRIGERATOR.
4. RECEPTACLE FOR RANGE.
5. RECEPTACLE AND COMMUNICATION/DATA OUTLET FOR TV. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER. PROVIDE ROUGH-IN BACKBOX AND 1-1/4" CONDUIT TO THE ACCESSIBLE CEILING. 1
6. RECEPTACLE FOR TELECOM RACK. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH TELECOM RACK INSTALLER.
7. POWER CONNECTION TO TANKLESS WATER HEATER.
8. RECEPTACLE FOR PRINTER.
9. PROVIDE EXTERIOR DUPLEX RECEPTACLE OUTLETS TO BE ON A DEDICATED DEDICATED CIRCUIT, NOT SHARED WITH INTERIOR RECEPTACLES.
10. BUILDING MANUFACTURER TO PROVIDE (3) 2" CONDUIT SLEEVES (CONCEALED IN THE WALL) FROM THE RACK TO THE ACCESSIBLE CEILING SPACE. 1

PANEL: A — **1 PH** — **3 WIRE** — **VOLTAGE: 120/240V** — **250A MCB**
LOC: BUILDING A(KITCHEN A101) — **MOUNT: FLUSH** — **FEED: BOTT** — **BUS**
TYPE: NEMA 1 — **POLES: 42** — **SF MAINS:** — **10,000AIC MINIMUM**

LOAD TYPE	LOAD	CIRCUIT DIRECTORY	CIR. NO.	CIR. BRKR P	CIR. BRKR AMP	A	B	CIR. BRKR P	CIR. BRKR AMP	CIR. NO.	CIRCUIT DIRECTORY	LOAD	LOAD TYPE
R	720	RECPTS - OFFICE 5 A111	1	1	20	1395		1	20	2	LTG-1	675	L
R	720	RECPTS - OFFICE 5 A111	3	1	20		1395	1	20	4	LTG-2	675	L
R	900	RECPTS - OFFICE 4 A110	5	1	20	1900		1	20	6	RECEPTS - KITCHEN/BREAK A101	1000	K
R	900	RECPTS - OFFICE 4 A109	7	1	20		1900	1	20	8	RECEPTS - KITCHEN/BREAK A101	1000	K
R	900	RECPTS - OFFICE 5 A108	9	1	20	1900		1	20	10	RECEPTS - KITCHEN/BREAK A101	1000	K
R	900	RECPTS - OFFICE 5 A107	11	1	20		1080	1	20	12	RECEPTS - KITCHEN/BREAK A101	180	R
R	720	RECPTS - WORK ROOM A106	13	1	20	900		1	20	14	RECEPT - REFRIGERATER **(GFCI)**	180	R
R	1000	RECEPT - CORRIDOR A100 - PRINTER	15	1	20		8200	2		16	HP-1A	7200	H
R	900	RECEPTS - CORR. A100 & A103, A104	17	1	20	8100			60	18		7200	H
R	1080	RECEPTS - CONFERENCE RM A105	19	1	20		7320	2		20	HP-1B	6240	H
R	900	RECEPTS - CONFERENCE RM A106	21	1	20	7140			60	22		6240	H
R	1080	RECEPTS - WORKSTATIONS A102	23	1	20		1130	1	20	24	EF-1 & EF-2	50	H
R	720	RECEPTS - WORKSTATIONS A102	25	1	20	2970		2		26	WH-1	2250	WH
R	720	RECEPTS - WORKSTATIONS A102	27	1	20		2970		30	28		2250	WH
R	540	RECEPTS - KITCHEN/BREAK A101	29	1	20	540		1	20	30	SPARE		
D	1000	RECEPTS - TELECOM RACK	31	1	20		1000	1	20	32	SPARE		
K	4000	RANGE**(GFCI)**	33	2		4000		1	20	34	SPARE		
K	4000		35		50		4000	1	20	36	SPARE		
R	360	EXTERIOR RECEPTACLES	37	1	20	360				38			
			39							40			
			41							42			
	22060	**TOTAL**			**THIS PANEL->**	29205	28995				**TOTAL**	36140	
						29205	28995						

LIGHTING(125%) = 1687.50
RECEPTS<=10000(100%) = 10000.00
RECEPTS>10000(50%) = 1710.00
RECEPTS TOTAL = 11710.00
ELECTRIC HEAT(100%) = 26930.00
LARGEST MOTOR(125%) = 0.00
OTHER MOTORS(100%) = 0.00
MOTOR TOTAL = 0.00
WATER HEATERS(100%) = 4500.00
KITCHEN LOADS(65%) = 7150.00
APPLIANCES(100%) = 0.00
DEDICATED(100%) = 1000.00
MISC(100%) = 0.00

TOTAL CONNECTED LOAD (VA): 58,200.00
TOTAL CONNECTED CURRENT (A): 242.50
TOTAL DEMAND LOAD (VA): 52,977.50
TOTAL DEMAND CURRENT (A): 220.74

NOTES: L=LIGHTING, R=RECEPTACLES, H=ELECTRIC HEAT, ML=LARGEST MOTOR, MO=OTHER MOTORS, WH=WATER HEATERS, K=KITCHEN LOADS, A=APPLIANCES, D=DEDICATED, X=MISC, SF=SUB FEED

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12/17/2020

KITSAP COUNTY 18 57 WASHINGTON

Project Title

KITSAP COUNTY PUBLIC WORKS
CENTRAL KITSAP TREATMENT PLANT MODULAR BLDG ADDITIONS
12351 BROWNSVILLE HWY NE
POULSBO, WA 98370

Project Numbers

Issue & Revision Dates

20 DECEMBER 2019	100% SD
16 JANUARY 2020	PERMIT SET
24 FEBRUARY 2020	BID SET
1 05 MAY 2020	ADDENDUM 5

BID SET

NOTE: DRAWING MAY BE REDUCED
0 2' 4' 8'

Sheet Title
BUILDING A POWER AND TELECOM PLAN

Drawn By — Checked By

Sheet Number
E2.01

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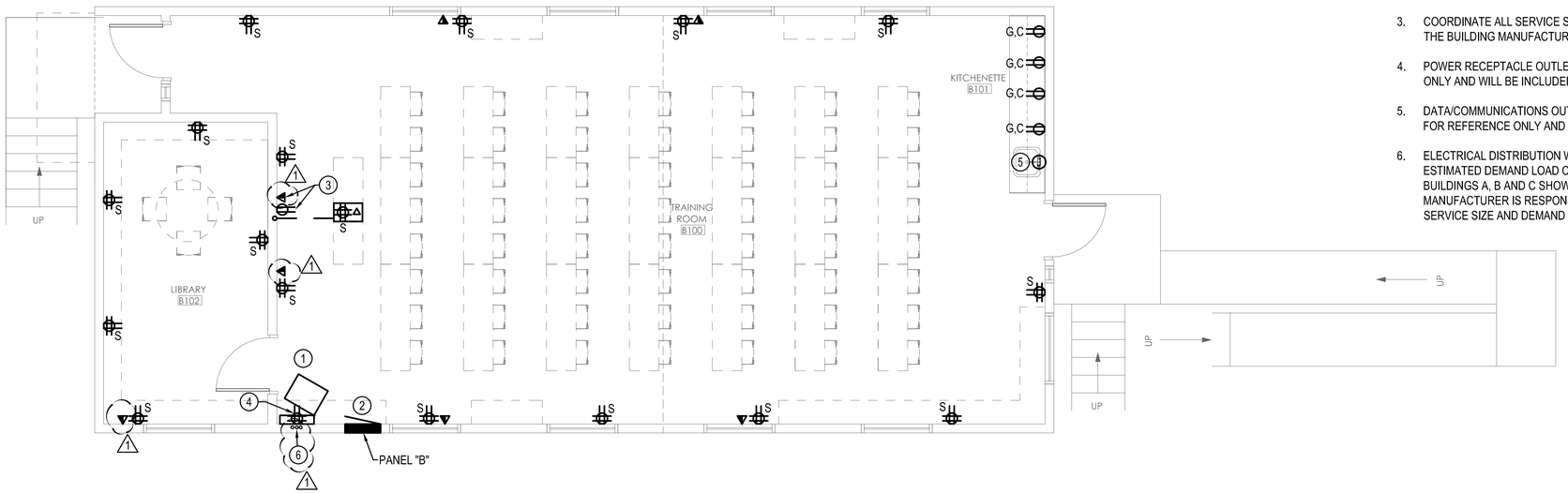

1 BUILDING B POWER AND TELECOM FLOOR PLAN (TRAINING)

1/4" = 1'-0"

NORTH

GENERAL NOTES

1. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
2. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
3. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
4. POWER RECEPTACLE OUTLETS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY THE BUILDING MANUFACTURER. (1)
5. DATA/COMMUNICATIONS OUTLETS AND EQUIPMENT SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY OTHERS.
6. ELECTRICAL DISTRIBUTION WORK SHOWN ON SHEET E6.01 ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

	PANEL: B		1 PH		3 WIRE		VOLTAGE: 120/240V			150A MCB		
	LOC: BUILDING B (TRAINING ROOM B100)				MOUNT: FLUSH		FEED: BOTT			BUS		
	TYPE: NEMA 1				POLES: 42		SF MAINS:			10,000AIC MINIMUM		
LOAD TYPE	LOAD	CIRCUIT DIRECTORY	CIR. NO.	CIR. BRKR P	CIR. BRKR AMP	A	B	CIR. BRKR P	CIR. BRKR AMP	CIR. NO.	CIRCUIT DIRECTORY	LOAD	LOAD TYPE
R	720	RECEPTS - TRIANING B100	1	1	20	1220		1	20	2	LTG	500	L
R	720	RECEPTS - TRIANING B100	3	1	20		1220	1	20	4	LTG	500	L
R	720	RECEPTS - TRIANING B100	5	1	20	7080		2		6	HP-1A	6360	H
R	720	RECEPTS - TRIANING B100	7	1	20		7080		60	8		6360	H
R	720	RECEPTS - TRIANING B100	9	1	20	3840		2		10	HP-1B	3120	H
R	540	RECEPTS - TRIANING B100	11	1	20		3660		30	12		3120	H
D	1000	RECEPT - TELECOM RACK	13	1	20	1050		1	20	14	EF-1 & EF-2	50	H
R	1080	RECEPTS - LIBRARY B102	15	1	20		2520	1	20	16	WH-1	1440	WH
R	720	RECEPTS - LIBRARY B102	17	1	20	720		1	20	18	SPARE		
K	1000	RECEPT - KITCHENETTE B101	19	1	20		1000	1	20	20	SPARE		
K	1000	RECEPT - KITCHENETTE B101	21	1	20	1000		1	20	22	SPARE		
K	1000	RECEPT - KITCHENETTE B101	23	1	20		1000	1	20	24	SPARE		
			25	1	20			1	20	26	SPARE		
			27	1	20			1	20	28	SPARE		
			29							30			
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
	9940	TOTAL			THIS PANEL->	14910	16480				TOTAL	21450	
						14910	16480						

LIGHTING(125%) = 1250.00
RECEPTS<=10000(100%) = 5940.00
RECEPTS>10000(50%) = 0.00
RECEPTS TOTAL = 5940.00
ELECTRIC HEAT(100%) = 19010.00
LARGEST MOTOR(125%) = 0.00
OTHER MOTORS(100%) = 0.00
MOTOR TOTAL = 0.00
WATER HEATERS(100%) = 1440.00
KITCHEN LOADS(65%) = 1950.00
APPLIANCES(100%) = 0.00
DEDICATED(100%) = 1000.00
MISC(100%) = 0.00

TOTAL CONNECTED LOAD (VA): 31,390.00
TOTAL CONNECTED CURRENT (A): 130.79

TOTAL DEMAND LOAD (VA): 30,590.00
TOTAL DEMAND CURRENT (A): 127.46

NOTES: L=LIGHTING, R=RECEPTACLES, H=ELECTRIC HEAT, ML=LARGEST MOTOR, MO=OTHER MOTORS, WH=WATER HEATERS, K=KITCHEN LOADS, A=APPLIANCES, D=DEDICATED, X=MISC, SF=SUB FEED

CONSTRUCTION NOTES

1. PROPOSED WALL MOUNTED TELECOM RACK LOCATION. PROVIDE 4'-0" SQUARE 3/4" THICK PLYWOOD BACKBOARD FOR TELECOM RACK MOUNTING. (1)
2. PRE MANUFACTURED BUILDING SERVICE PANELBOARD 200A,120/240V, 1Ø. EXACT LOCATION TO BE VERIFIED BY BUILDING MANUFACTURER.
3. RECEPTACLE AND COMMUNICATION/DATA OUTLET FOR TV. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH THE OWNER. PROVIDE ROUGH-IN BACKBOX AND 1-1/4" CONDUIT TO THE ACCESSIBLE CEILING.
4. RECEPTACLE FOR TELECOM RACK. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH TELECOM RACK INSTALLER.
5. POWER CONNECTION TO TANKLESS WATER HEATER.
6. BUILDING MANUFACTURER TO PROVIDE (3) 2" CONDUIT SLEEVES (CONCEALED IN THE WALL) FROM THE RACK TO THE ACCESSIBLE CEILING SPACE. (1)

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CHARLES A. HERTON — STATE OF WASHINGTON — 33006 — REGISTERED PROFESSIONAL ENGINEER

2/27/2020

KITSAP COUNTY 18 57 WASHINGTON

Project Title

KITSAP COUNTY PUBLIC WORKS

CENTRAL KITSAP TREATMENT PLANT MODULAR BLDG ADDITIONS

12351 BROWNSVILLE HWY NE
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1 05 MAY 2020	ADDENDUM 5

BID SET

NOTE: DRAWING MAY BE REDUCED
0 2' 4' 8'

Sheet Title

BUILDING B POWER AND TELECOM PLAN

Drawn By Checked By

Sheet Number

E2.02

Sheet Number Of

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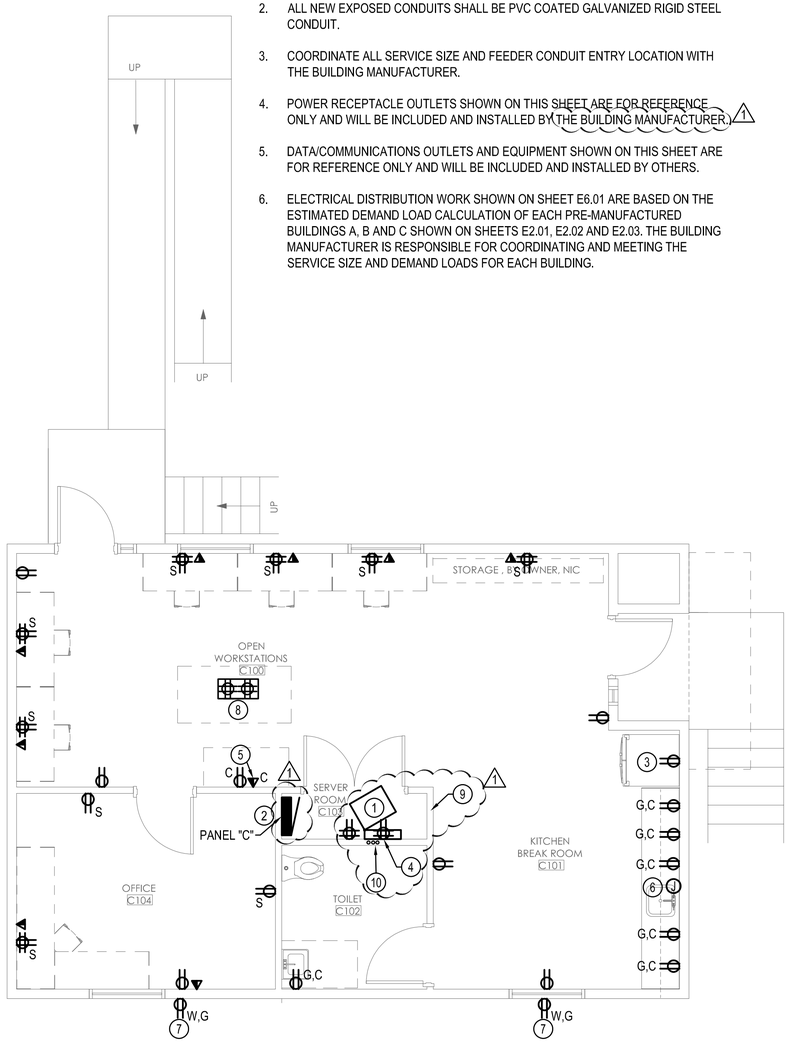
GENERAL NOTES

1. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
2. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
3. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
4. POWER RECEPTACLE OUTLETS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY THE BUILDING MANUFACTURER. (1)
5. DATA/COMMUNICATIONS OUTLETS AND EQUIPMENT SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND WILL BE INCLUDED AND INSTALLED BY OTHERS.
6. ELECTRICAL DISTRIBUTION WORK SHOWN ON SHEET E6.01 ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

CONSTRUCTION NOTES

1. PROPOSED WALL MOUNTED TELECOM RACK LOCATION. PROVIDE FULL HEIGHT 3/4" THICK PLYWOOD BACKBOARD ON SOUTH AND EAST WALLS FOR TELECOM EQUIPMENT AND CABLING. (1)
2. PRE MANUFACTURED BUILDING SERVICE PANELBOARD 200A, 120/240V, 1Ø. EXACT LOCATION TO BE VERIFIED BY BUILDING MANUFACTURER.
3. PROVIDE RECEPTACLE FOR REFRIGERATOR.
4. PROVIDE RECEPTACLE FOR TELECOM RACK. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH THE RACK INSTALLER.
5. PROVIDE RECEPTACLE FOR PRINTER.
6. POWER CONNECTION TO TANKLESS WATER HEATER.
7. PROVIDE EXTERIOR DUPLEX RECEPTACLE OUTLETS TO BE ON A DEDICATED DEDICATED CIRCUIT, NOT SHARED WITH INTERIOR RECEPTACLES.
8. PROVIDE FLOOR BOX WITH (4) DUPLEX RECEPTACLES ON A DEDICATED CIRCUIT.
9. TELECOMMUNICATIONS BACKBONE CONDUITS ENTERING SERVER ROOM C103 SHALL BE ALIGNED PARALLEL TO THE EAST WALL.
10. BUILDING MANUFACTURER TO PROVIDE (3) 2" CONDUIT SLEEVES (CONCEALED IN THE WALL) FROM THE RACK TO THE ACCESSIBLE CEILING SPACE. (1)



1 BUILDING C POWER AND TELECOM FLOOR PLAN
1/4" = 1'-0"

NORTH

LOAD TYPE	LOAD	CIRCUIT DIRECTORY	CIR. NO.	CIR. BRKR P	CIR. BRKR AMP	A	B	CIR. BRKR P	CIR. BRKR AMP	CIR. NO.	CIRCUIT DIRECTORY	LOAD	LOAD TYPE
	PANEL: C			1 PH	3 WIRE	VOLTAGE: 120/240V					150A MCB		
	LOC: BUILDING C (SERVER ROOM C103)			MOUNT: FLUSH		FEED: BOTT					BUS		
	TYPE: NEMA 1			POLES: 42		SF MAINS:					10,000AIC MINIMUM		
R	900	RECEPTS - OFFICE C104	1	1	20	1400		1	20	2	LTG	500	L
D	1000	RECEPT - SERVER ROOM C103	3	1	20		1500	1	20	4	LTG	500	L
R	540	RECEPTS - TOILET C102, BREAK C101	5	1	20	6540		2		6	HP-1A	6000	H
K	1000	RECEPTS - KITCHEN BREAK C101	7	1	20		7000		50	8		6000	H
K	1000	RECEPTS - KITCHEN BREAK C101	9	1	20	4120		2		10	HP-1B	3120	H
K	1000	RECEPTS - KITCHEN BREAK C101	11	1	20		4120		30	12		3120	H
R	180	RECEPTS - KITCHEN BREAK C101	13	1	20	230		1	20	14	EF-1 & EF-2	50	H
R	180	RECEPTS - KITCHEN BREAK C101	15	1	20		1620	1	20	16	WH-1	1440	WH
K	500	RECEPT - REFRIGERATOR**(GFCI)**	17	1	20	1940		1	20	18	WH-1	1440	WH
R	540	RECEPTS - WORKSTATIONS C100	19	1	20		540	1	20	20	SPARE		
R	720	RECEPTS - WORKSTATIONS C100	21	1	20	720		1	20	22	SPARE		
R	720	RECEPTS - WORKSTATIONS C100	23	1	20		720	1	20	24	SPARE		
R	540	RECEPTS - WORKSTATIONS C100	25	1	20	540		1	20	26	SPARE		
R	360	EXTERIOR RECEPTACLES	27	1	20		360	1	20	28	SPARE		
R	720	OPEN WORK STATION FLOORBOX	29	1	20	720		1	20	30	SPARE		
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
	9900	TOTAL			THIS PANEL->	16210	15860			TOTAL	22170		
						16210	15860						

LIGHTING(125%) = 1250.00
RECEPTS<=10000(100%) = 5400.00
RECEPTS>10000(50%) = 0.00
RECEPTS TOTAL = 5400.00
ELECTRIC HEAT(100%) = 18290.00
LARGEST MOTOR(125%) = 0.00
OTHER MOTORS(100%) = 0.00
MOTOR TOTAL = 0.00
WATER HEATERS(100%) = 2880.00
KITCHEN LOADS(65%) = 2275.00
APPLIANCES(100%) = 0.00
DEDICATED(100%) = 1000.00
MISC(100%) = 0.00

TOTAL CONNECTED LOAD (VA): 32,070.00
TOTAL CONNECTED CURRENT (A): 133.63
TOTAL DEMAND LOAD (VA): 31,095.00
TOTAL DEMAND CURRENT (A): 129.56

NOTES: L=LIGHTING, R=RECEPTACLES, H=ELECTRIC HEAT, ML=LARGEST MOTOR, MO=OTHER MOTORS, WH=WATER HEATERS, K=KITCHEN LOADS, A=APPLIANCES, D=DEDICATED, X=MISC, SF=SUB FEED

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3/7/2020

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1 05 MAY 2020	ADDENDUM 5

BID SET

NOTE: DRAWING MAY BE REDUCED
0 2' 4' 8'

Sheet Title
BUILDING C POWER AND TELECOM PLAN

Drawn By Checked By

Sheet Number
E2.03

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GENERAL NOTES

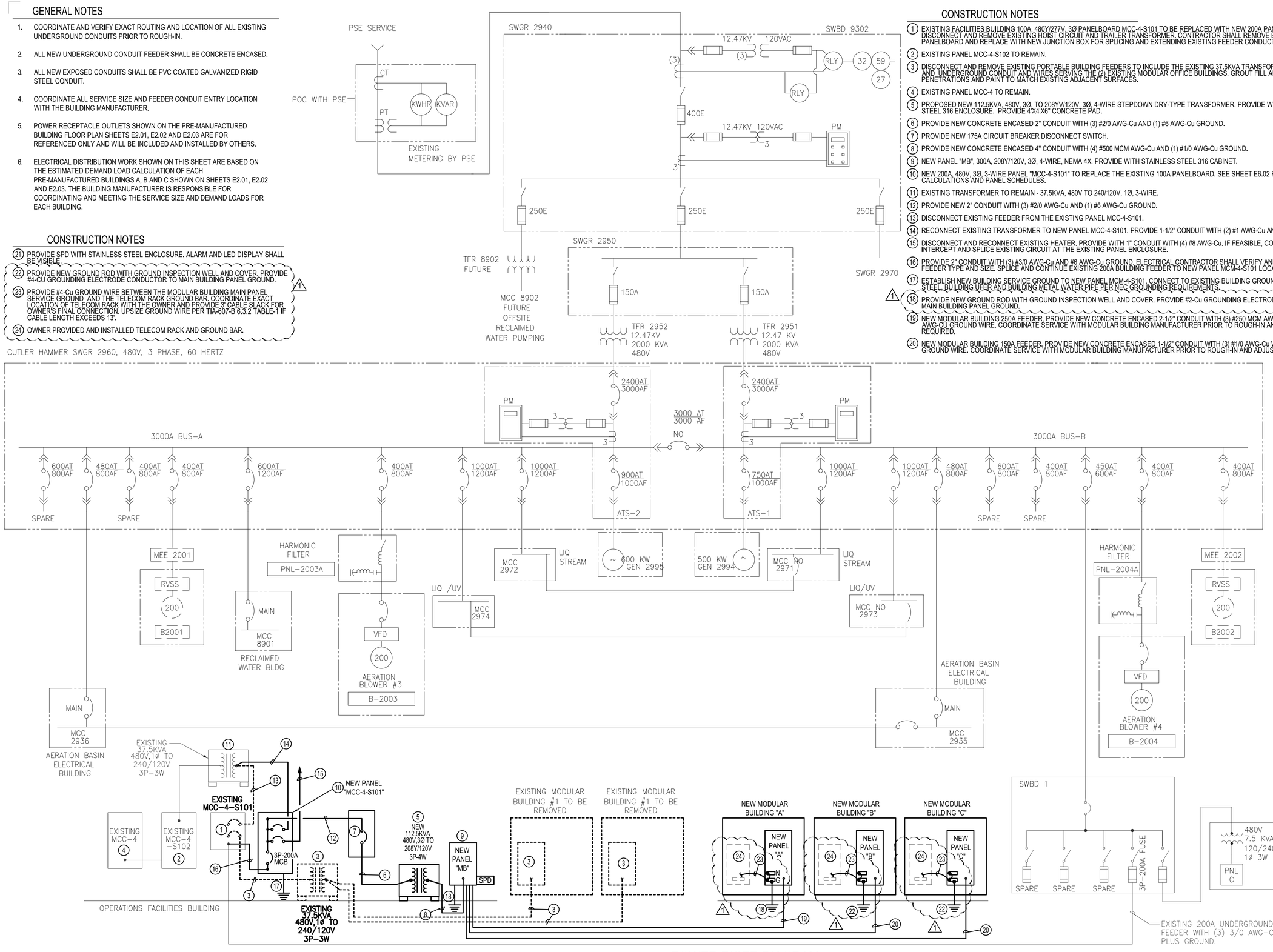
1. COORDINATE AND VERIFY EXACT ROUTING AND LOCATION OF ALL EXISTING UNDERGROUND CONDUITS PRIOR TO ROUGH-IN.
2. ALL NEW UNDERGROUND CONDUIT FEEDER SHALL BE CONCRETE ENCASED.
3. ALL NEW EXPOSED CONDUITS SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT.
4. COORDINATE ALL SERVICE SIZE AND FEEDER CONDUIT ENTRY LOCATION WITH THE BUILDING MANUFACTURER.
5. POWER RECEPTACLE OUTLETS SHOWN ON THE PRE-MANUFACTURED BUILDING FLOOR PLAN SHEETS E2.01, E2.02 AND E2.03 ARE FOR REFERENCED ONLY AND WILL BE INCLUDED AND INSTALLED BY OTHERS.
6. ELECTRICAL DISTRIBUTION WORK SHOWN ON THIS SHEET ARE BASED ON THE ESTIMATED DEMAND LOAD CALCULATION OF EACH PRE-MANUFACTURED BUILDINGS A, B AND C SHOWN ON SHEETS E2.01, E2.02 AND E2.03. THE BUILDING MANUFACTURER IS RESPONSIBLE FOR COORDINATING AND MEETING THE SERVICE SIZE AND DEMAND LOADS FOR EACH BUILDING.

CONSTRUCTION NOTES

(21) PROVIDE SPD WITH STAINLESS STEEL ENCLOSURE. ALARM AND LED DISPLAY SHALL BE VISIBLE.
(22) PROVIDE NEW GROUND ROD WITH GROUND INSPECTION WELL AND COVER. PROVIDE #4-CU GROUNDING ELECTRODE CONDUCTOR TO MAIN BUILDING PANEL GROUND.
(23) PROVIDE #4-Cu GROUND WIRE BETWEEN THE MODULAR BUILDING MAIN PANEL SERVICE GROUND, AND THE TELECOM RACK GROUND BAR. COORDINATE EXACT LOCATION OF TELECOM RACK WITH THE OWNER AND PROVIDE 3' CABLE SLACK FOR OWNER'S FINAL CONNECTION. UPSIZE GROUND WIRE PER TIA-607-B 6.3.2 TABLE-1 IF CABLE LENGTH EXCEEDS 13'.
(24) OWNER PROVIDED AND INSTALLED TELECOM RACK AND GROUND BAR.

1

CUTLER HAMMER SWGR 2960, 480V, 3 PHASE, 60 HERTZ



POWER RISER DIAGRAM

NTS

CONSTRUCTION NOTES

(1) EXISTING FACILITIES BUILDING 100A, 480Y/277V, 3Ø PANELBOARD MCC-4-S101 TO BE REPLACED WITH NEW 200A PANELBOARD. DISCONNECT AND REMOVE EXISTING HOIST CIRCUIT AND TRAILER TRANSFORMER. CONTRACTOR SHALL REMOVE EXISTING PANELBOARD AND REPLACE WITH NEW JUNCTION BOX FOR SPLICING AND EXTENDING EXISTING FEEDER CONDUCTORS.
(2) EXISTING PANEL MCC-4-S102 TO REMAIN.
(3) DISCONNECT AND REMOVE EXISTING PORTABLE BUILDING FEEDERS TO INCLUDE THE EXISTING 37.5KVA TRANSFORMER, ALL EXPOSED AND UNDERGROUND CONDUIT AND WIRES SERVING THE (2) EXISTING MODULAR OFFICE BUILDINGS. GROUT FILL ALL EXISTING PENETRATIONS AND PAINT TO MATCH EXISTING ADJACENT SURFACES.
(4) EXISTING PANEL MCC-4 TO REMAIN.
(5) PROPOSED NEW 112.5KVA, 480V, 3Ø, TO 208YV/120V, 3Ø, 4-WIRE STEPDOWN DRY-TYPE TRANSFORMER. PROVIDE WITH STAINLESS STEEL 316 ENCLOSURE. PROVIDE 4'X4'X6" CONCRETE PAD.
(6) PROVIDE NEW CONCRETE ENCASED 2" CONDUIT WITH (3) #2/0 AWG-Cu AND (1) #6 AWG-Cu GROUND.
(7) PROVIDE NEW 175A CIRCUIT BREAKER DISCONNECT SWITCH.
(8) PROVIDE NEW CONCRETE ENCASED 4" CONDUIT WITH (4) #500 MCM AWG-Cu AND (1) #1/0 AWG-Cu GROUND.
(9) NEW PANEL "MB", 300A, 208Y/120V, 3Ø, 4-WIRE, NEMA 4X. PROVIDE WITH STAINLESS STEEL 316 CABINET.
(10) NEW 200A, 480V, 3Ø, 3-WIRE PANEL "MCC-4-S101" TO REPLACE THE EXISTING 100A PANELBOARD. SEE SHEET E6.02 FOR DEMAND LOAD CALCULATIONS AND PANEL SCHEDULES.
(11) EXISTING TRANSFORMER TO REMAIN - 37.5KVA, 480V TO 240/120V, 1Ø, 3-WIRE.
(12) PROVIDE NEW 2" CONDUIT WITH (3) #2/0 AWG-Cu AND (1) #6 AWG-Cu GROUND.
(13) DISCONNECT EXISTING FEEDER FROM THE EXISTING PANEL MCC-4-S101.
(14) RECONNECT EXISTING TRANSFORMER TO NEW PANEL MCC-4-S101. PROVIDE 1-1/2" CONDUIT WITH (2) #1 AWG-Cu AND #8 AWG-Cu.
(15) DISCONNECT AND RECONNECT EXISTING HEATER. PROVIDE WITH 1" CONDUIT WITH (4) #8 AWG-Cu. IF FEASIBLE, CONTRACTOR MAY INTERCEPT AND SPLICE EXISTING CIRCUIT AT THE EXISTING PANEL ENCLOSURE.
(16) PROVIDE 2" CONDUIT WITH (3) #3/0 AWG-Cu AND #6 AWG-Cu GROUND. ELECTRICAL CONTRACTOR SHALL VERIFY AND MATCH EXISTING FEEDER TYPE AND SIZE. SPLICE AND CONTINUE EXISTING 200A BUILDING FEEDER TO NEW PANEL MCM-4-S101 LOCATION.
(17) ESTABLISH NEW BUILDING SERVICE GROUND TO NEW PANEL MCM-4-S101. CONNECT TO EXISTING BUILDING GROUND ROD, BUILDING STEEL, BUILDING UFER AND BUILDING METAL WATER PIPE PER NEC GROUNDING REQUIREMENTS.
(18) PROVIDE NEW GROUND ROD WITH GROUND INSPECTION WELL AND COVER. PROVIDE #2-Cu GROUNDING ELECTRODE CONDUCTOR TO MAIN BUILDING PANEL GROUND.
(19) NEW MODULAR BUILDING 250A FEEDER. PROVIDE NEW CONCRETE ENCASED 2-1/2" CONDUIT WITH (3) #250 MCM AWG-Cu WITH #4 AWG-CU GROUND WIRE. COORDINATE SERVICE WITH MODULAR BUILDING MANUFACTURER PRIOR TO ROUGH-IN AND ADJUST SIZE IF REQUIRED.
(20) NEW MODULAR BUILDING 150A FEEDER. PROVIDE NEW CONCRETE ENCASED 1-1/2" CONDUIT WITH (3) #1/0 AWG-Cu WITH #6 AWG-CU GROUND WIRE. COORDINATE SERVICE WITH MODULAR BUILDING MANUFACTURER PRIOR TO ROUGH-IN AND ADJUST SIZE IF REQUIRED.

1

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5/7/2020

KITSAP COUNTY 18 57 WASHINGTON

Project Title

KITSAP COUNTY PUBLIC WORKS

CENTRAL KITSAP TREATMENT PLANT MODULAR BLDG ADDITIONS

12351 BROWNSVILLE HWY NE
POULSBO, WA 98370

Project Numbers

Issue & Revision Dates

20 DECEMBER 2019	100% SD
16 JANUARY 2020	PERMIT SET
24 FEBRUARY 2020	BID SET
1 05 MAY 2020	ADDENDUM 5

BID SET

Sheet Title

POWER RISER DIAGRAM

Drawn By | Checked By

Sheet Number

E6.01

Sheet Number | Of

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