

NORTH KITSAP SCHOOL DISTRICT

NEW PORTABLE INSTALLATION

HILDER PEARSON ELEMENTARY SCHOOL

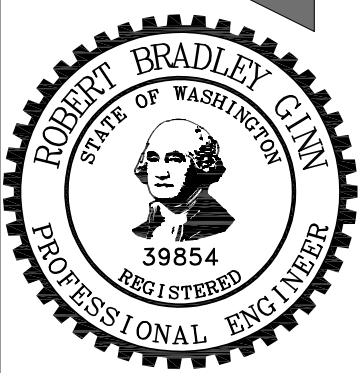
15650 CENTRAL VALLEY RD NW,

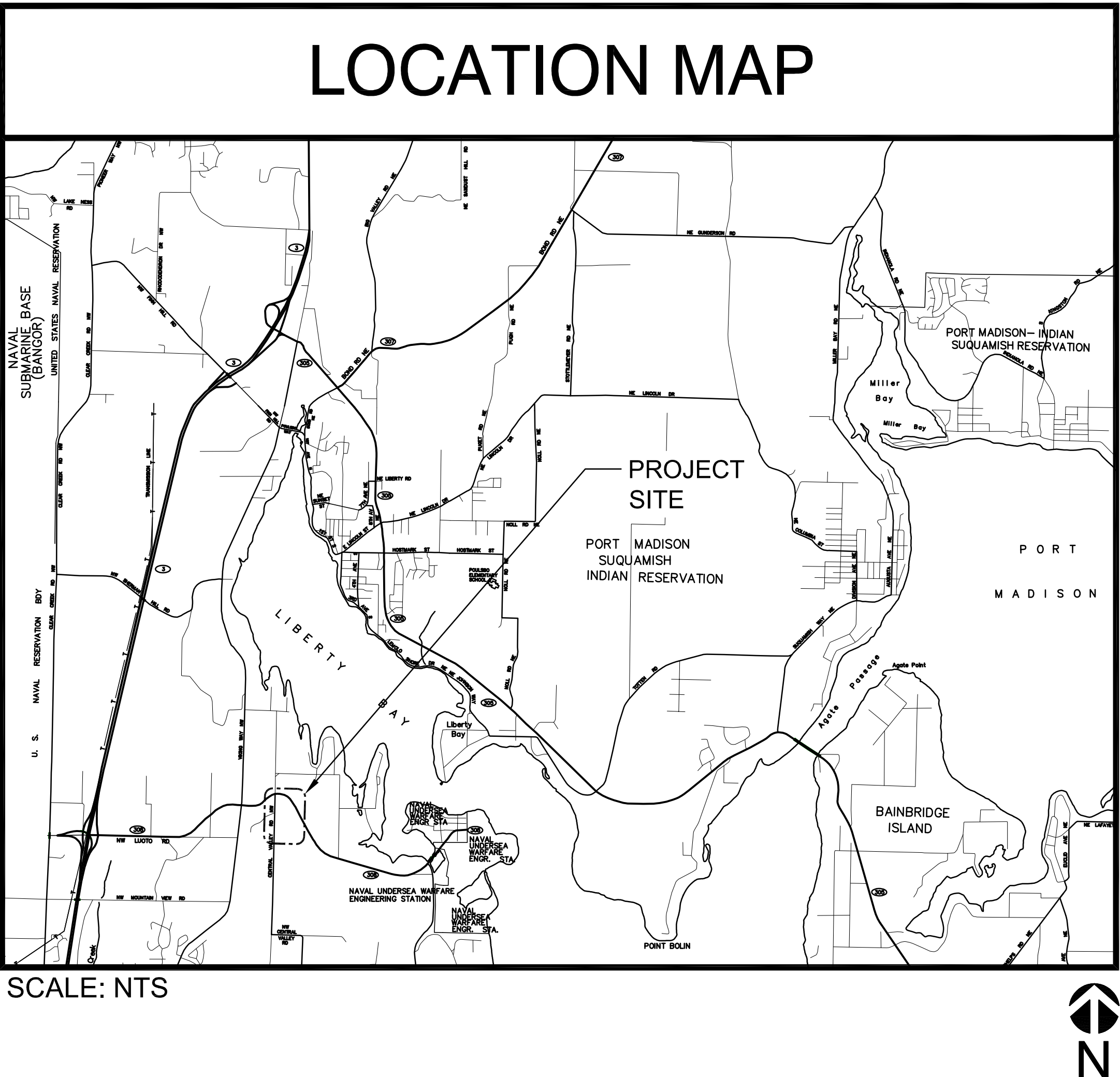
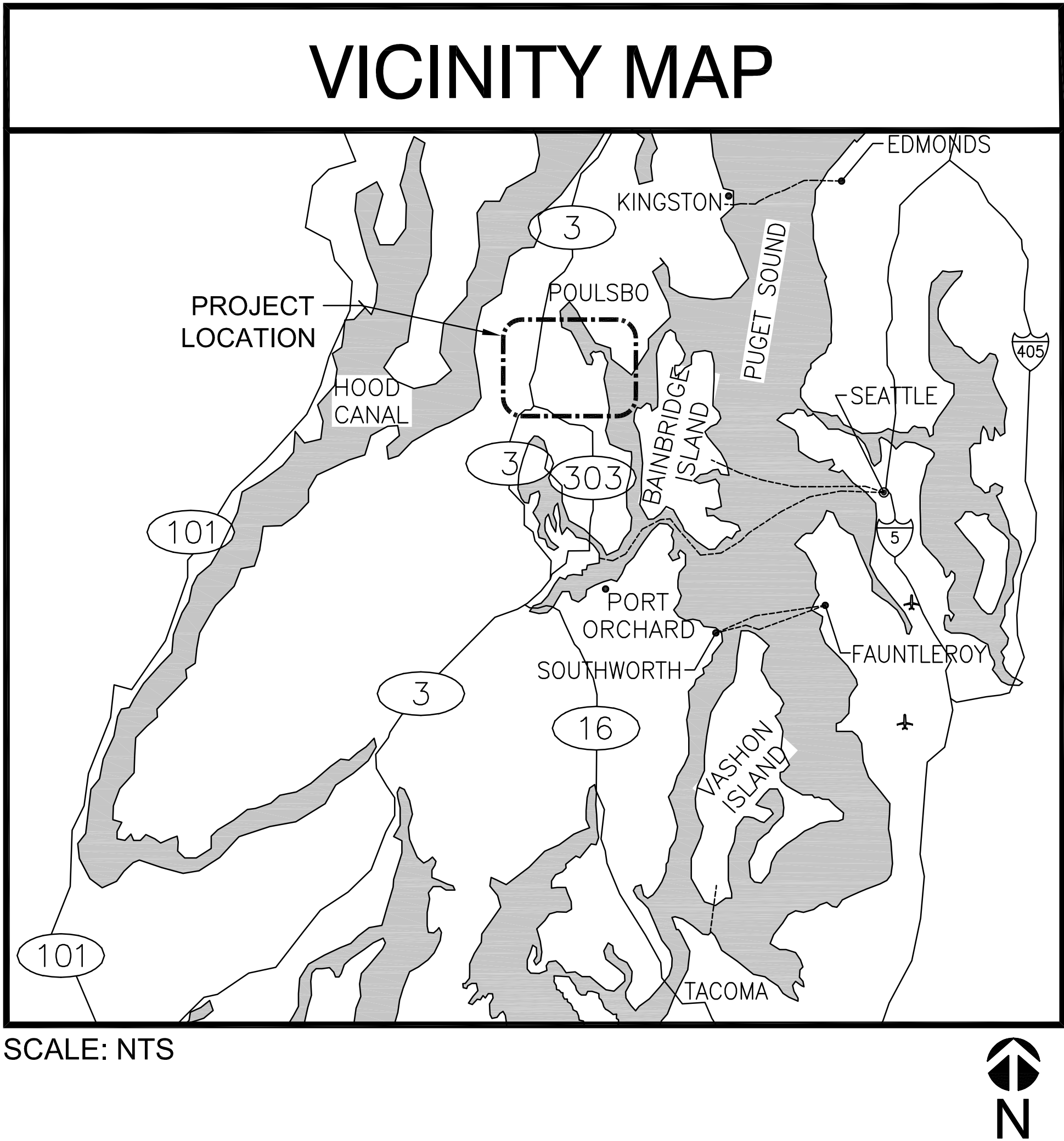
POULSBO, WA 98370

PROJECT NO. FANKS004

ART ANDERSON

830 PACIFIC AVE. BREMERTON, WA 98337
(360) 479-5600





DRAWING INDEX

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PROJECT TEAM

OWNER:
NORTH KITSAP SCHOOL DISTRICT
1365 FINN HILL ROAD POULSBO,
WA 98370

OWNER'S PROJECT MANAGER:
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1365 FINN HILL ROAD
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LAND SURVEYOR:
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NORTH KITSAP SCHOOL DISTRICT
NEW PORTABLE INSTALLATION
HILDER PEARSON ELEMENTARY SCHOOL
15650 CENTRAL VALLEY RD NW, POULSBO, WA 98370

DRAWN:	MWM
DESIGNED:	RBG
CHECKED:	SMH
ISSUE DATE	29 JUL 2020
REVISIONS	
JOB NO	FANKS004
SHT TITLE	TITLE SHEET, LOCATION MAPS, DRAWING INDEX & PROJECT TEAM
SHT NO	1 OF 7

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

G001

FINAL RE-SUBMITTAL
2020-JUL-29

TESC NOTES

GENERAL EROSION AND SEDIMENTATION CONTROL NOTES

1. THE FOLLOWING EROSION AND SEDIMENTATION CONTROL NOTES APPLY TO ALL CONSTRUCTION SITE ACTIVITIES AT ALL TIMES, UNLESS OTHERWISE SPECIFIED ON THESE PLANS.
2. THE OWNER AND HIS/HER CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT–LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE. FAILURE BY THE OWNER AND/OR CONTRACTOR CAN RESULT IN A FINE. THE DESIGNATED TEMPORARY CONTACT PERSON NOTED ON THIS PLAN SHALL BE AVAILABLE FOR CONTACT BY TELEPHONE ON A 24–HOUR BASIS THROUGHOUT CONSTRUCTION AND UNTIL THE PROJECT HAS BEEN COMPLETED AND ACCEPTED BY THE COUNTY.
3. STABILIZE EXPOSED AND UNWORKED SOILS BY APPLICATION OF EFFECTIVE BMPS THAT PREVENT EROSION. APPLICABLE BMPS INCLUDE, BUT ARE NOT LIMITED TO: TEMPORARY AND PERMANENT SEEDING, SODDING, MULCHING, PLASTIC COVERING, EROSION CONTROL FABRICS AND MATTING, SOIL APPLICATION OF POLYACRYLAMIDE (PAM), THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED, AND DUST CONTROL.
4. CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION.
5. CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND TO MINIMIZE DOWNSTREAM CHANNEL AND STREAM BANK EROSION.
6. SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION:

6.A. DURING THE DRY SEASON (MAY 1 – SEPTEMBER 30): 7 DAYS

6.B. DURING THE WET SEASON (OCTOBER 1 – APRIL 30): 2 DAYS
7. STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST.
8. STABILIZE SOIL STOCKPILES FROM EROSION, PROTECT WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, LOCATE AWAY FROM STORM DRAIN INLETS, WATERWAYS AND DRAINAGE CHANNELS.
9. MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY.
10. MINIMIZE THE DISTURBANCE OF STEEP SLOPES.
11. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
12. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER AND/OR CONTRACTOR ON A FREQUENT BASIS AND IMMEDIATELY AFTER EACH RAINFALL, AND MAINTAINED AS NECESSARY TO INSURE THEIR CONTINUED FUNCTIONING. ALL SEDIMENT SHALL BE REMOVED FROM SILT FENCES, STRAW BALES, SEDIMENT PONDS, ETC. PRIOR TO THE SEDIMENT REACHING ¼ OF ITS MAXIMUM POTENTIAL DEPTH.
13. AT NO TIME SHALL CONCRETE, CONCRETE BY–PRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.
14. REDIRECT SHEET FLOW, BLOCK DRAIN INLETS AND/OR CURB OPENINGS IN PAVEMENT AND INSTALL FLOW DIVERSION MEASURES TO PREVENT CONSTRUCTION SILT LADEN RUNOFF AND DEBRIS FROM ENTERING EXCAVATIONS AND FINISH SURFACES FOR BIORETENTION FACILITIES AND PERMEABLE PAVEMENTS.
15. INSTALL FLOW DIVERSION MEASURES OUTSIDE OF THE CRITICAL ROOT ZONE OF TREES TO BE PROTECTED. AT NO TIME SHALL CONSTRUCTION STORMWATER BE DIRECTED TOWARDS TREES TO BE PROTECTED. CONSTRUCTION STORMWATER SHALL NOT POND WITHIN A TREE’S CRITICAL ROOT ZONE.

TEMPORARY EROSION AND SEDIMENTATION CONTROL MAINTENANCE REQUIREMENTS

1. EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE INSPECTED AFTER EACH STORM EVENT AND DAILY DURING PROLONGED RAINFALL.
2. NECESSARY REPAIRS OR REPLACEMENT OF FACILITIES SHALL BE ACCOMPLISHED PROMPTLY.
3. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE–HALF THE MAXIMUM POTENTIAL DEPTH.
4. SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE ESC FACILITIES ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE MOST CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION PREPARED BY WSDOT AND APWA.
2. ANY REVISIONS TO THE ACCEPTED CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE COUNTY PRIOR TO IMPLEMENTATION IN THE FIELD.
3. THE CONTRACTOR SHALL MAINTAIN A SET OF THE ACCEPTED CONSTRUCTION DRAWINGS ON–SITE AT ALL TIMES WHILE CONSTRUCTION IS IN PROGRESS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE TRAFFIC CONTROL AT ALL TIMES DURING CONSTRUCTION ALONGSIDE OR WITHIN ALL PUBLIC ROADWAYS. TRAFFIC FLOW ON EXISTING PUBLIC ROADWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS PERMISSION IS OBTAINED FROM THE COUNTY FOR ROAD CLOSURE AND/OR DETOURS.
5. THE LOCATION OF EXISTING UTILITIES ON THIS PLAN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT THE "UNDERGROUND LOCATE" CENTER AT 811, AND NON–SUBSCRIBING INDIVIDUAL UTILITY COMPANIES 48 HOURS IN ADVANCE OF THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL PROVIDE FOR PROTECTION OF EXISTING UTILITIES FROM DAMAGE CAUSED BY THE CONTRACTOR’S OPERATIONS.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN THE EVENT OF DISCOVERY OF POOR SOILS, GROUNDWATER OR DISCREPANCIES IN THE EXISTING CONDITIONS AS NOTED ON THE PLANS.

GENERAL ELECTRICAL NOTES

1. UNLESS OTHERWISE NOTED, ALL NEW CONDUCTORS SHALL BE XHHW–2 OR THHN/THWN.
2. THE MINIMUM CABLE BENDING RADIUS SHALL BE TEN TIMES THE CABLE DIAMETER.
3. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND PROVIDING TEMPORARY LIGHTING FOR THE WORK AREAS.
4. ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF NFPA70, THE NATIONAL ELECTRICAL CODE AND WAC 296–46B.
5. ANY WORK INSTALLED INCORRECTLY OR BEFORE APPROVAL HAS BEEN OFFICIALLY GRANTED FOR THE ITEMS AT ISSUE SHALL BE CORRECTED BY THE CONTRACTOR AT NO CHARGE TO THE BREMERTON SCHOOL DISTRICT.
6. THE CONTRACTOR SHALL KEEP THE WORK AREA CLEAN AND REMOVE ALL REFUSE FROM THE WORK SITE DAILY.
7. ALL NEW CIRCUIT BREAKERS SHALL BE RATED FOR THE AVAILABLE FAULT CURRENT AT EACH LOCATION. IN THE CASE OF ENCLOSED CIRCUIT BREAKERS INSTALLED AHEAD OF THE MAIN SWITCHBOARD OR PANEL BREAKER, MATCH OR EXCEED THE RATING OF THAT MAIN BREAKER. FOR CIRCUIT BREAKERS INSTALLED IN EXISTING PANEL SPACES, MATCH THE EXISTING RATING OF THE OTHER EXISTING BREAKERS.
8. UPDATE ALL PANEL SCHEDULES AFFECTED BY THIS PROJECT TO REFLECT THE NEW CONDITIONS.
9. ALL MATERIALS AND EQUIPMENT FURNISHED BY THE CONTRACTOR AND INSTALLED IN THIS PROJECT SHALL BE NEW.
10. ALL EXTERIOR LIGHTING AND SWITCHES SHALL BE IN NEMA 3R ENCLOSURES.
11. PROVIDE LABELS FOR EACH DISCONNECT SWITCH. LABELS SHOULD INDICATE 'SUPPLIED FROM PANELBOARD #X IN ROOM XX'.
12. PROVIDE PULL BOXES AND JUNCTION BOXES TO FACILITATE THE INSTALLATION OF WIRING (IN ADDITION TO ANY SHOWN ON DRAWINGS).
13. CONTRACTOR SHALL PROVIDE PROTECT CLOSE OUT DOCUMENTATION IN ACCORDANCE WITH WSEC PARAGRAPH C102.6.3.

CIVIL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PROPOSED WATER
	PROPOSED SANITARY SEWER
	EXISTING WATER
	EXISTING SANITARY SEWER
	EXISTING STORM DRAIN
	EXISTING FORCE MAIN
	EXISTING GAS
	EXISTING POWER
	EXISTING FENCE
	EXISTING ASPHALT EDGE
	UNDERGROUND SEWER VAULT
	SET SCRIBE
	FOUND SURFACE MONUMENT
	SET HUB AND TACK
	SET MAG NAIL
	SET NAIL
	GAS METER / REGULATOR
	CONIFER TREE
	CATCH BASIN
	AREA DRAIN
	MANHOLE STORM
	SEWER CLEANOUT
	MANHOLE SEWER
	POWER VAULT
	LIGHT
	BENCH
	IRRIGATION VALVE
	FIRE HYDRANT
	STEEL POST

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	EXISTING TO REMAIN LINETYPE
	EXISTING TO BE REMOVED (DASH SCALE VARIES)
	NEW ELECTRICAL CABLING PROVIDE (2)#12 AND A #12 GROUND UNLESS OTHERWISE NOTED
	ELECTRICAL CABLING HOMERUN 'X' REPRESENTS PANEL NAME, '##' REPRESENTS CIRCUIT NUMBER, LONG TICK REPRESENTS NEUTRAL, SHORT TICK REPRESENTS HOT CONDUCTOR.
	FUSED DISCONNECT. REFER TO ASSOCIATE FLAG NOTES FOR VOLTAGE/AMPERAGE RATING AND ADDITIONAL INFORMATION
	NON–FUSED DISCONNECT. REFER TO ASSOCIATE FLAG NOTES FOR VOLTAGE/AMPERAGE RATING AND ADDITIONAL INFORMATION
	PIN AND SLEEVE RECEPTACLE. REFER TO ASSOCIATED FLAG NOTES FOR VOLTAGE/AMPERAGE RATING AND ADDITIONAL INFORMATION.
	DUPLEX RECEPTACLE PROVIDE (2)#12 AND A #12 GROUND UON.
	GFCI DUPLEX RECEPTACLE
	HALF–SWITCHED DUPLEX RECEPTACLE
	FULL–SWITCHED DUPLEX RECEPTACLE
	ISOLATED GROUND RECEPTACLE

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2020–JUL–29

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DRAWN: MWMM
DESIGNED: RBG
CHECKED: SMH

ISSUE DATE
29 JUL 2020

REVISIONS

JOB NO
FANKS004

SHT TITLE
GENERAL NOTES,
ABBREVIATIONS,
AND SYMBOL
LEGENDS

SHT NO 2 OF 7

G002

ART ANDERSON

ROBERT BRADLEY CLIM

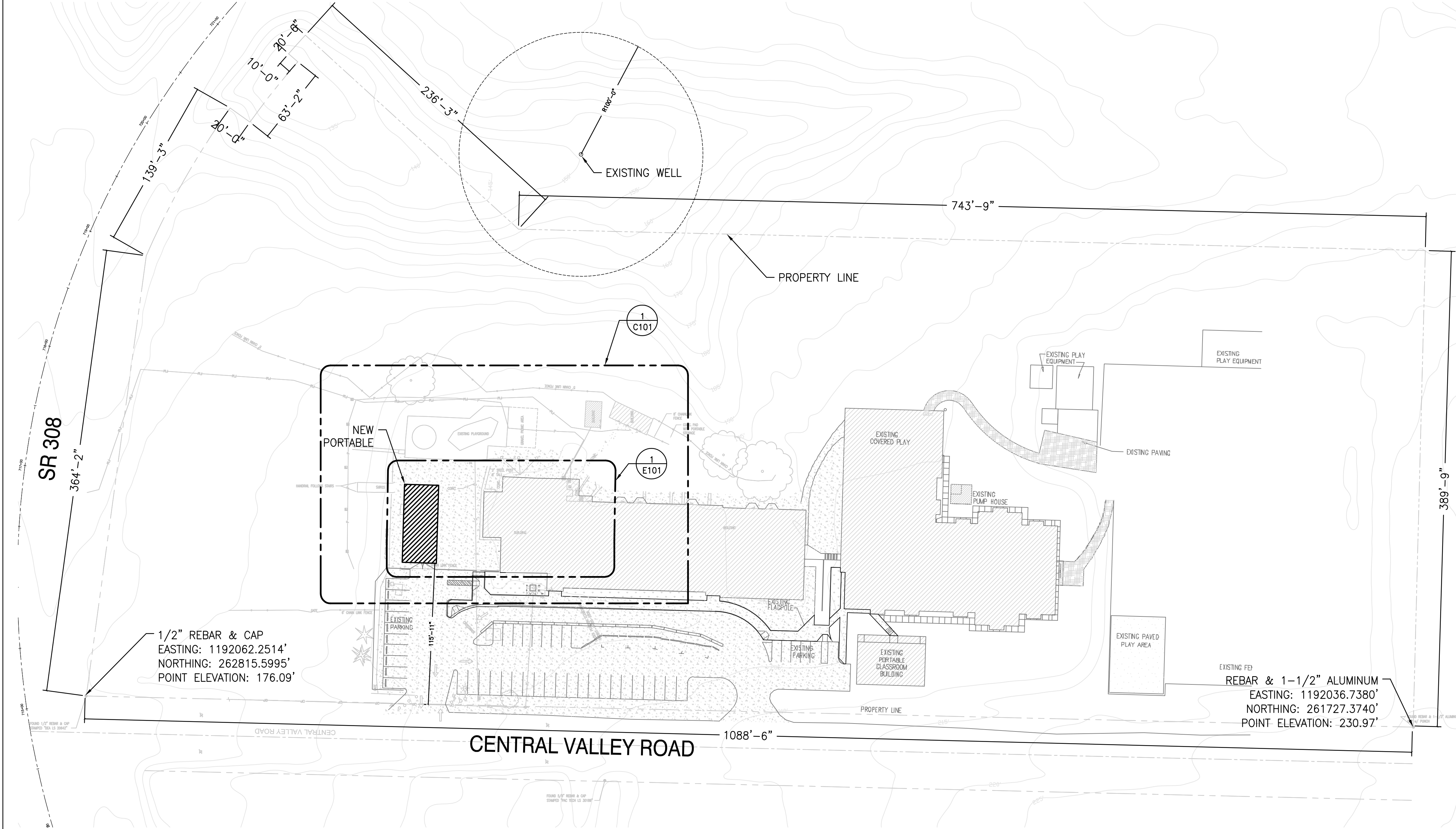
STATE OF WASHINGTON

19854

REGISTERED

PROFESSIONAL ENGINEER

830 PACIFIC AVE. BREMERTON, WA 98337
(360) 479-5600



TAX ACCOUNT NO: 342601-1-005-2008

PROPERTY ADDRESS:
15650 CENTRAL VALLEY RD NW
POULSB0, WA 98370

FINAL RE-SUBMITTAL

2020-JUL-29

1 OVERALL SITE PLAN

Scale: 1" = 50'

SITE PLAN REQUIREMENTS CHECKLIST		
ALL SITE PLANS SHALL BE CLEARLY AND ACCURATELY DRAWN TO 1"=20',30',40', OR 50' SCALE ON PAPER NO LARGER THAN 11" X 17" AND MUST INDICATE ALL OF THE FOLLOWING INFORMATION. FOR EACH ITEM BELOW, MARK EITHER 'SHOWN' OR N/A' AS APPROPRIATE FOR YOUR PROJECT. THIS CHECKLIST MUST BE COMPLETED AND INCLUDED ON ALL SITE PLANS. ANY SITE PLANS WITHOUT CHECKLISTS WILL BE REJECTED AND RETURNED TO THE APPLICANT FOR CORRECTION.		
A) GENERAL PROPERTY INFORMATION:		
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	TAX ID NUMBER AND PROPERTY ADDRESS
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	PROPERTY LINES AND DIMENSIONS
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	ELEVATIONS OF PROPERTY AND THE DIRECTION OF NATURAL DRAINAGE
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	SLOPES THAT EXCEED 15%, INCLUDING ANY CUT BANKS GREATER THAN 4' IN HEIGHT
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	NORTH ARROW AND SITE PLAN SCALE
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	MARINE WATERS, LAKES AND PONDS AND THEIR ASSOCIATED HIGH WATER LINES
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	STREAMS, CREEKS AND WETLANDS AND THEIR ASSOCIATED BUFFERS
B) EXISTING PROPERTY IMPROVEMENTS:		
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION OF ALL EXISTING STRUCTURES, INCLUDING THE LOCATION OF EXISTING STRUCTURES ON ADJACENT WATERFRONT PROPERTIES
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION OF ALL EXISTING WELLS AND THEIR WELL RADII, INCLUDING THOSE WELLS ON ADJACENT PROPERTIES WITHIN 100' OF PROPERTY LINE
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATIONS OF ALL EXISTING DRAINFIELDS, INCLUDING THE 10' "NO BUILD ZONE" AS WELL AS THE LOCATIONS OF EXISTING DRAINFIELDS ON ADJACENT PROPERTIES WITHIN 100' OF ANY WELL
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATION OF EXISTING DRAINAGE FACILITIES, INCLUDING ALL SUB-SURFACE INFILTRATION SYSTEMS
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION OF ALL EXISTING AND ABUTTING ROADWAYS, DRIVEWAYS, EASEMENTS, BUFFERS AND REQUIRED OPEN SPACES
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION OF ALL EXISTING WATER, SEWER AND UTILITY LINES.
C) PROPOSED PROPERTY IMPROVEMENTS:		
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION AND DIMENSIONS OF ALL PROPOSED STRUCTURES OR BUILDING ENVELOPES IN RELATION TO PROPERTY LINES, OTHER STRUCTURES, ETC
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATION OF ALL PROPOSED WELLS, INCLUDING THEIR 100' WELL RADII AND ALL WATER LINES
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATION OF ALL PROPOSED SEPTIC TANKS, PUMP TANKS, PRE-TREATMENT UNITS, AND DRAINFIELDS, INCLUDING THE 10' "NO BUILD" ZONE
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATION AND DIMENSIONS OF ALL PROPOSED DRAINAGE AND INFILTRATION SYSTEMS (I-PITS)
SHOWN <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	LOCATION, DIMENSIONS, SURFACING MATERIALS, AND CLEARING LIMITS OF ALL PROPOSED PARKING AREAS, DRIVEWAYS, SIDEWALKS, AND ROAD APPR'S
SHOWN <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	LOCATION OF ALL PROPOSED WATER, SEWER AND UTILITY LINES

ART ANDERSON

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STATE OF WASHINGTON
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HILDER PEARSON ELEMENTARY SCHOOL
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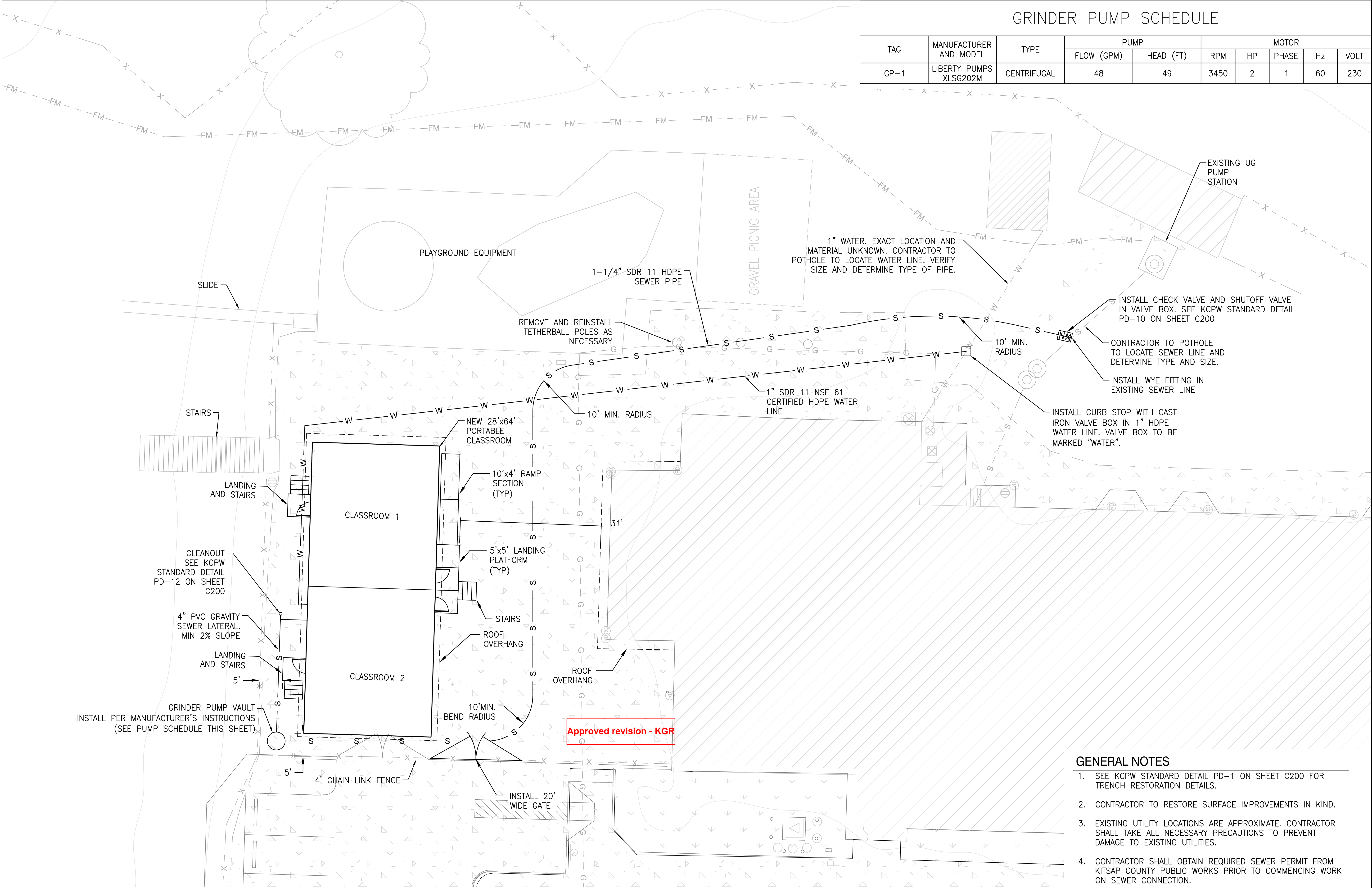
REVISIONS

JOB NO
FANKS004

SHT TITLE
OVERALL SITE PLAN

SHT NO 3 OF 7

C100



FINAL RE-SUBMITTAL
2020-JUL-29

1 CIVIL SITE PLAN
C101 Scale: 1" = 10'

TAG	MANUFACTURER AND MODEL	TYPE	PUMP		MOTOR				
			FLOW (GPM)	HEAD (FT)	RPM	HP	PHASE	Hz	VOLT
GP-1	LIBERTY PUMPS XLSC202M	CENTRIFUGAL	48	49	3450	2	1	60	230

- GENERAL NOTES**
- SEE KCPW STANDARD DETAIL PD-1 ON SHEET C200 FOR TRENCH RESTORATION DETAILS.
 - CONTRACTOR TO RESTORE SURFACE IMPROVEMENTS IN KIND.
 - EXISTING UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO EXISTING UTILITIES.
 - CONTRACTOR SHALL OBTAIN REQUIRED SEWER PERMIT FROM KITSAP COUNTY PUBLIC WORKS PRIOR TO COMMENCING WORK ON SEWER CONNECTION.
 - CONTRACTOR SHALL OBTAIN REQUIRED KITSAP COUNTY MECHANICAL AND PLUMBING PERMIT.

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**NORTH KITSAP SCHOOL DISTRICT
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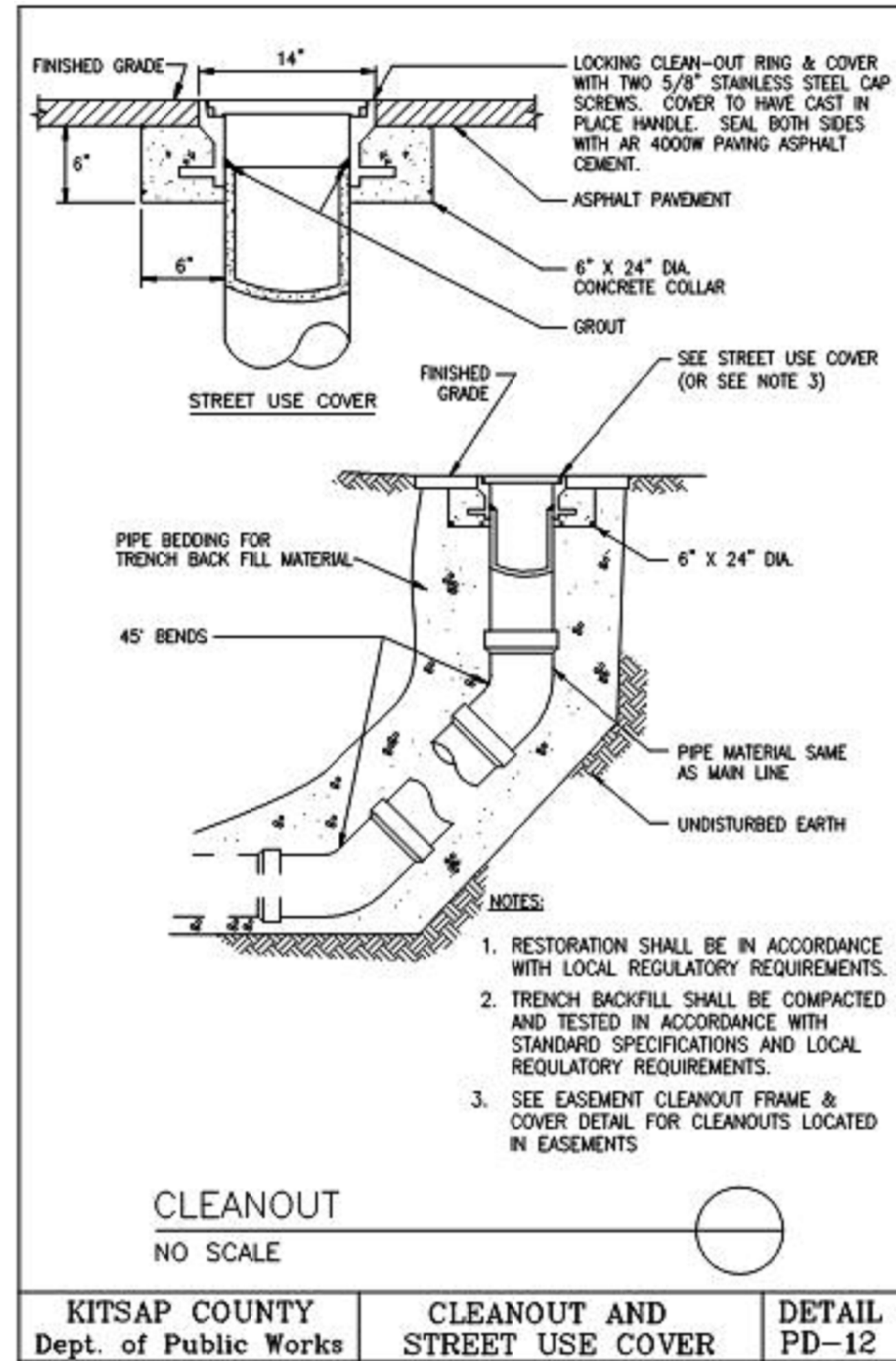
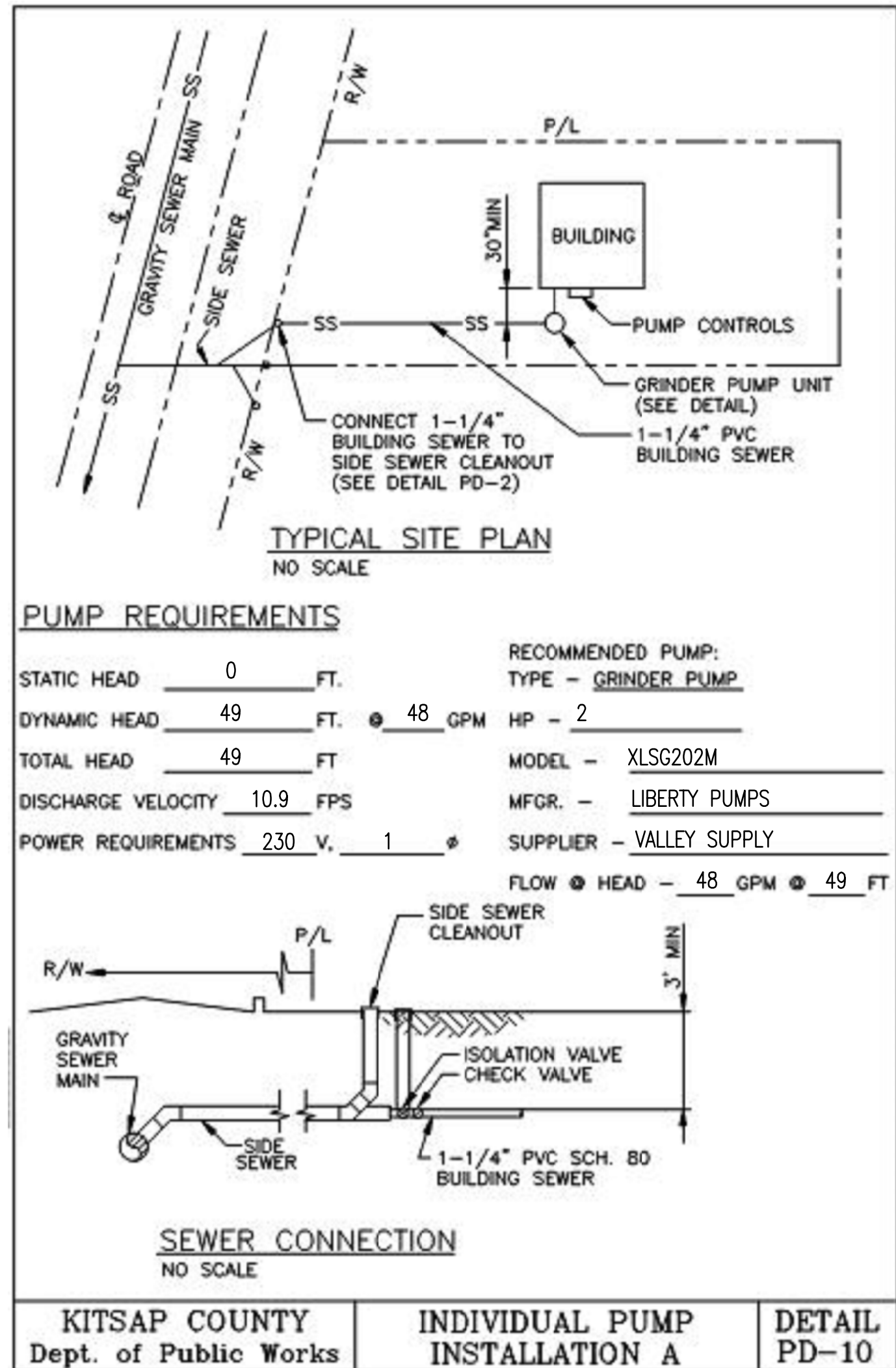
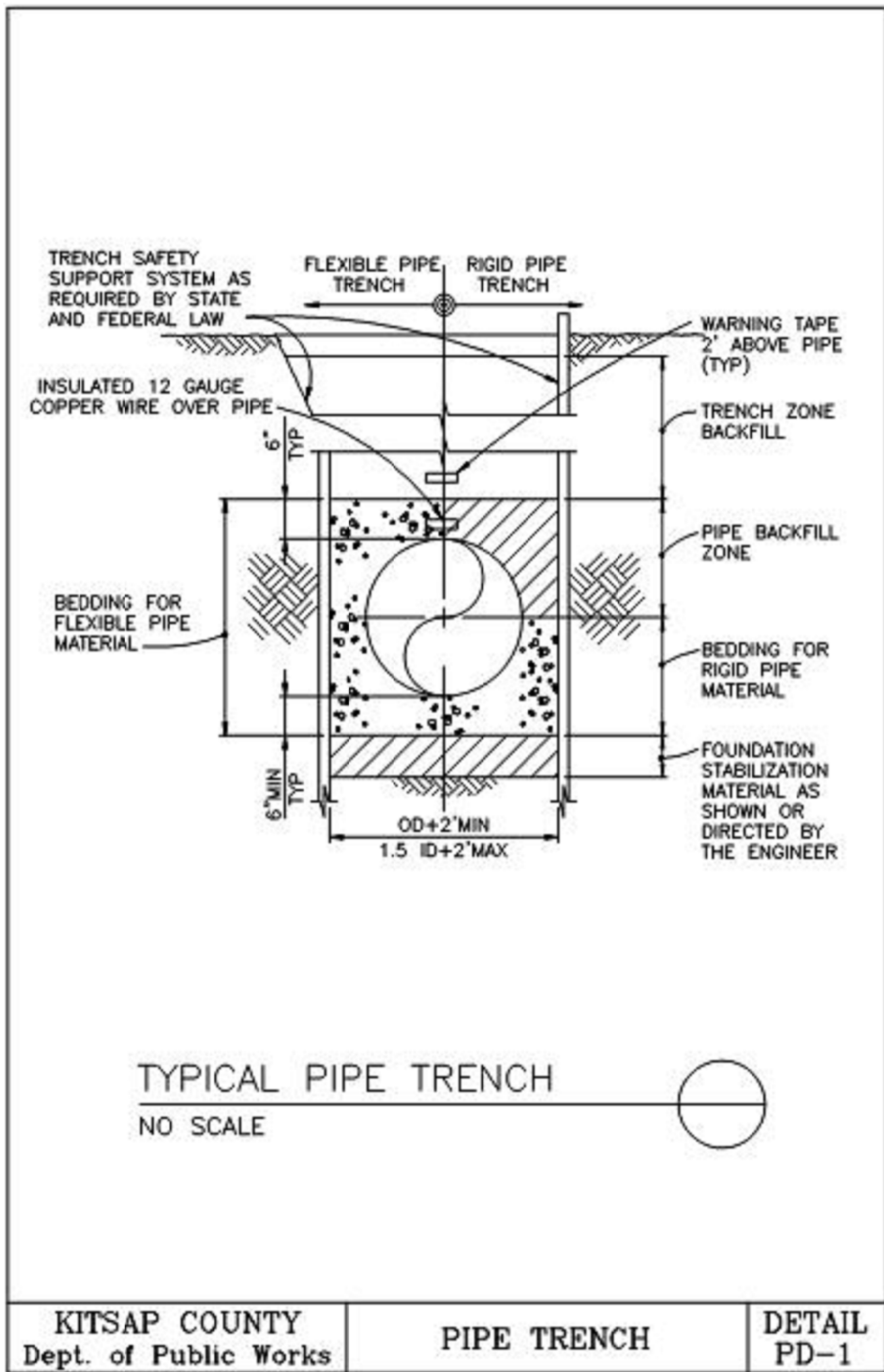
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JOB NO: FANKS004

SHT TITLE: CIVIL SITE PLAN

SHT NO: 4 OF 7

C101



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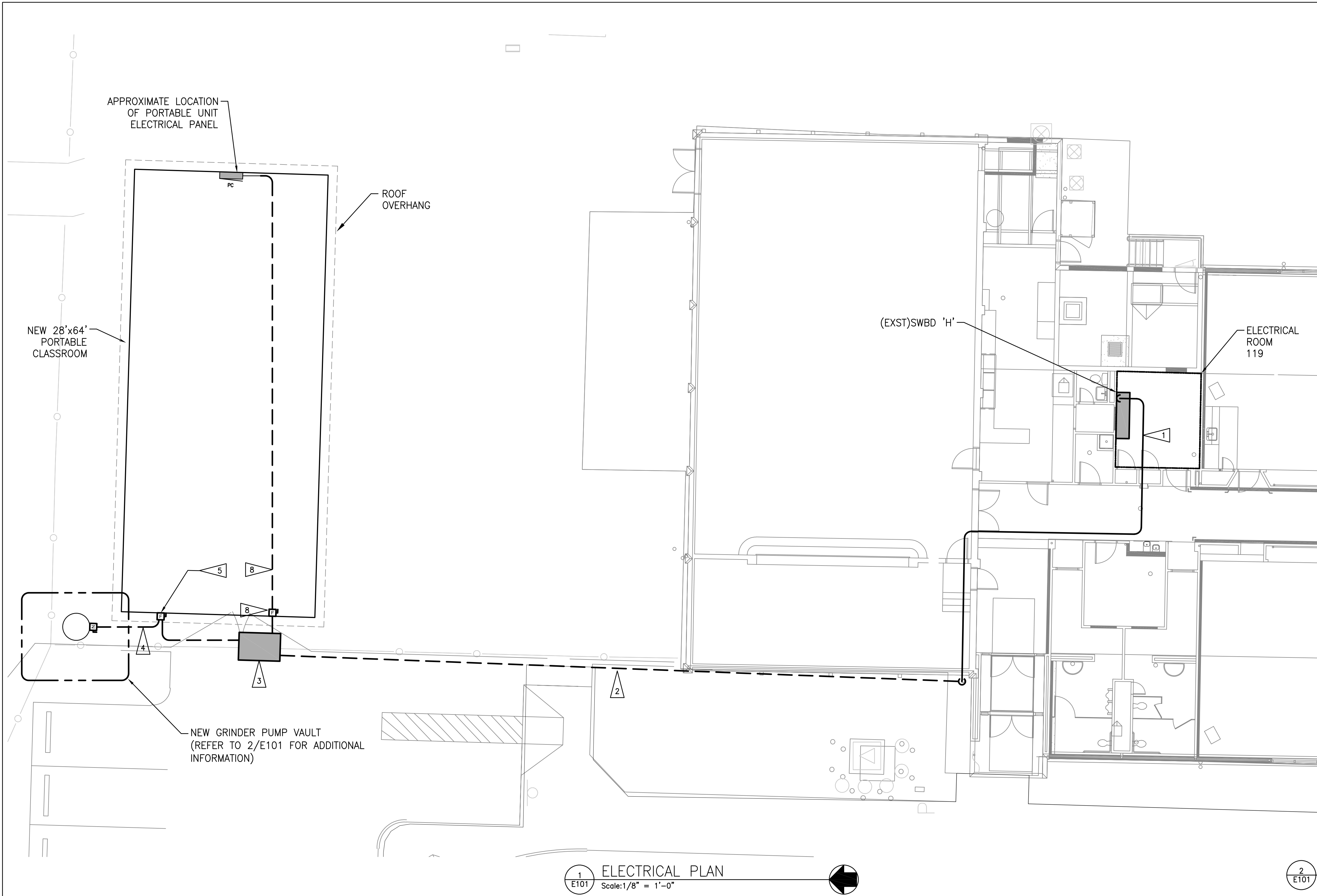
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SHT TITLE
DETAILS

SHT NO 5 OF 7

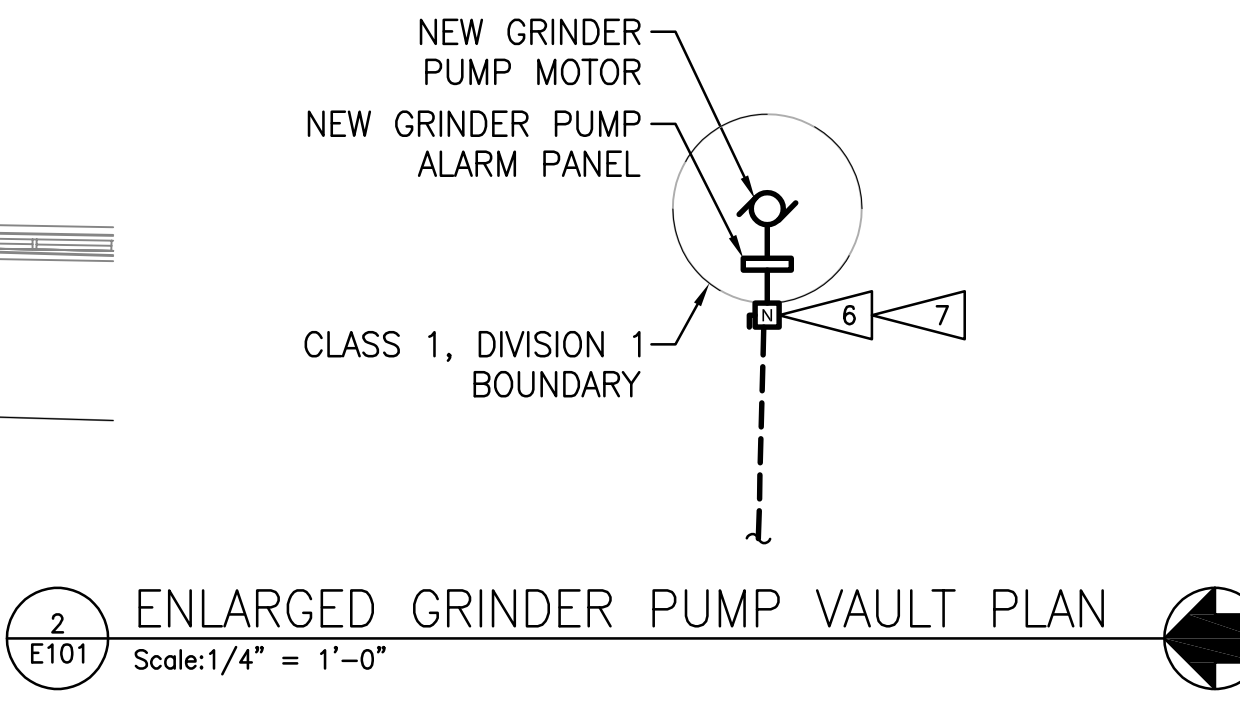
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C200



1 ELECTRICAL PLAN
Scale: 1/8" = 1'-0"

- SHEET NOTES**
1. REFER TO ONE LINE DIAGRAM FOR CONDUIT AND CONDUCTOR SIZES.
- FLAG NOTES**
- 1 PROVIDE AND INSTALL NEW CIRCUIT IN CONDUIT FROM EXISTING SWITCHBOARD 'H' TO NEW PORTABLE TRANSFORMER. CORE DRILL WALL AND ROUTE CONDUIT ABOVE CEILING TO GYM AND THEN ALONG WALL AS SHOWN. CONFIRM ROUTE WITH NORTH KITSAP SCHOOL DISTRICT REPRESENTATIVE.
 - 2 ROUTE CONDUIT IN TRENCH FROM WALL TO NEW TRANSFORMER. INSTALL CONDUIT 24" DEEP MINIMUM. RESTORE ASPHALT. REFER TO DETAIL 1 ON SHEET C200 FOR ADDITIONAL INFORMATION.
 - 3 NEW 50 KVA 480-120/240V SINGLE PHASE TRANSFORMER.
 - 4 ROUTE CONDUIT IN TRENCH FROM NEW FUSED DISCONNECT SWITCH TO NEW GRINDER PUMP DISCONNECT SWITCH IN GRINDER PUMP VAULT. INSTALL CONDUIT 24" DEEP MINIMUM. RESTORE ASPHALT. REFER TO DETAIL 1 ON SHEET C200 FOR ADDITIONAL INFORMATION.
 - 5 PROVIDE AND INSTALL 30A/240V FUSED DISCONNECT FOR GRINDER PUMP CONNECTION. DISCONNECT SHALL BE MOUNTED WITHIN 10' OF TRANSFORMER.
 - 6 PROVIDE AND INSTALL 30A/240V NON-FUSED DISCONNECT FOR GRINDER PUMP CONNECTION.
 - 7 THE GRINDER PUMP INSTALLATION IS CONSIDERED A CLASS 1, DIVISION 1 AREA FROM THE PUMP ALARM PANEL TO THE PUMP MOTOR. A SEAL OFF AND J-BOX MUST BE LOCATED BEFORE THE ALARM PANEL TO ISOLATE THE HAZARDOUS LOCATION. THE NON-FUSED DISCONNECT SWITCH MAY BE USED FOR THIS PURPOSE. THE PUMP POWER CABLES ARE NOT SUITABLE FOR DIRECT BURIAL AND MUST BE RUN IN RIGID METAL CONDUIT OR INTERMEDIATE METAL CONDUIT THREADED ONLY. INSTALLATION MUST MEET ALL REQUIREMENTS OF THE NEC, SECTION 501. REFER TO THE PUMP INSTALLATION MANUAL FOR FURTHER DIRECTIONS.
 - 8 PROVIDE AND INSTALL A 200 AMP/ 240 VOLT SINGLE PHASE FUSED DISCONNECT SWITCH WITHIN 10 FEET OF THE TRANSFORMER AND ROUTE CIRCUIT TO PORTABLE CLASSROOM PANELBOARD. REFER TO BLAZER DRAWINGS FOR ADDITIONAL INFORMATION.



2 ENLARGED GRINDER PUMP VAULT PLAN
Scale: 1/4" = 1'-0"

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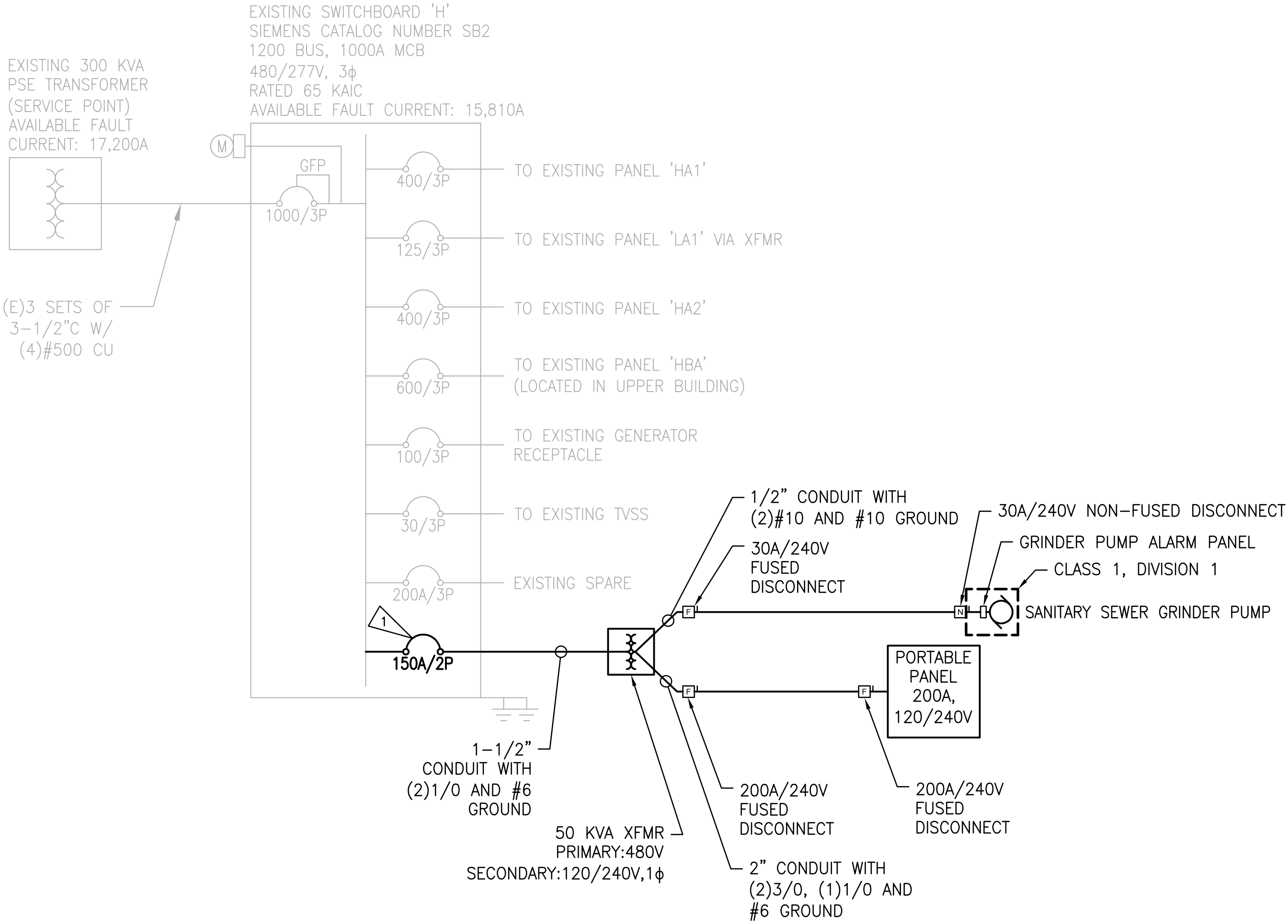
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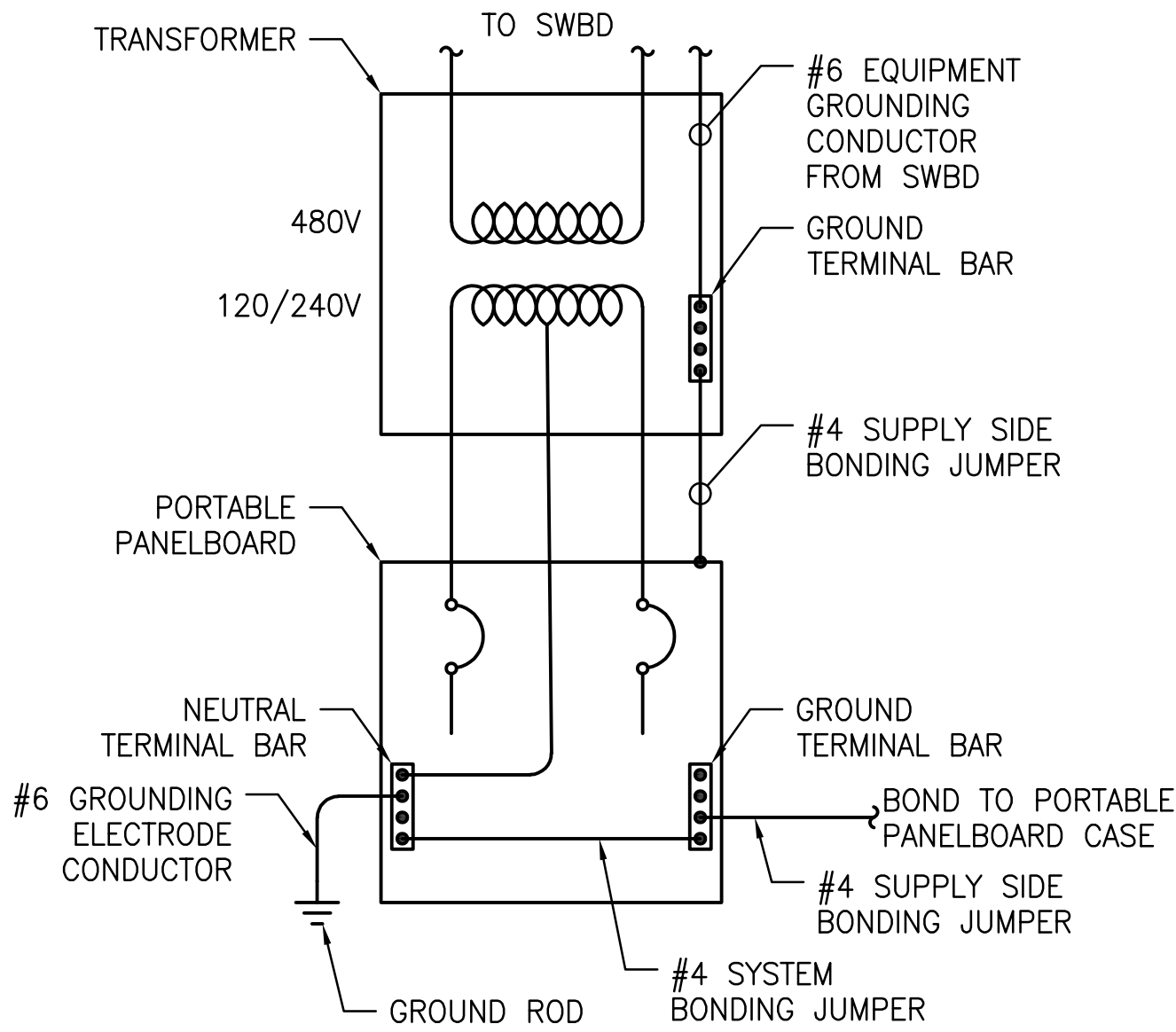
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SHT NO	6 OF 7

E101



1
E301

PARTIAL SINGLE LINE DIAGRAM
Scale: NTS



1
E301

GROUNDING DETAIL
Scale: NTS

FLAG NOTES

- 1 NEW CIRCUIT BREAKER FOR EXISTING SIEMENS SWITCHBOARD. PROVIDE NEW 150A, 2-POLE (65KAIC AT 480Y/277V). CONFIRM COMPARABILITY WITH THE EXISTING EQUIPMENT PRIOR TO ORDERING.

PEAK DEMAND CALCULATION WORKSHEET

PER NEC 220-87 and WAC 296-46B-900(3)(j)

1. Recorded Peak Demand on Date: 06 / 04 / 2019	=	174.68	KW
Study Dates: From To			
2. Power Factor	+	0.85	(P.F.)
Apparent Peak Demand	=	206	KVA
3. NEC 220-87 adjustment factor	X	1.25	
Adjusted Peak Demand	=	257	KVA
4. Seasonal adjustment factor ● & ●●	X	1	
Seasonally Adjusted Peak Demand	=	257	KVA
5. Occupancy adjustment factor ●●	X	1	
Occupancy Adjusted Peak Demand	=	257	KVA
6. Other adjustment factor(s) ●●	X	1	
Total Peak Demand	=	257	KVA
7. New Calculated Load Added	+	37	KVA
Metered demand based CALCULATED LOAD:		294	KVA
		354	AMPS

FINAL RE-SUBMITTAL

2020-JUL-29

SHEET IS 22x34 ANSI D
IF PRINTING 11x17 USE
50% SCALE FACTOR

NORTH KITSAP SCHOOL DISTRICT
NEW PORTABLE INSTALLATION
HILDER PEARSON ELEMENTARY SCHOOL
15650 CENTRAL VALLEY RD NW, POULSBORO, WA 98370

DRAWN: MWM
DESIGNED: DPK
CHECKED: SMH

ISSUE DATE
29 JUL 2020

REVISIONS

JOB NO
FANKS004

SHT TITLE
ELECTRICAL SINGLE
LINE AND PANEL
SCHEDULES

SHT NO 7 OF 7

E301

