



Know what's below.
Call before you dig.

- NOTE:
1. SANITARY SEWER CONNECTION SHALL NOT OCCUR UNTIL THE EXISTING SEPTIC SYSTEM HAS BEEN DECOMMISSIONED IN ACCORDANCE WITH TPCD REQUIREMENTS.
 2. SEPARATE UTILITY CONNECTION PERMIT REQUIRED PRIOR TO CONNECTION TO THE NEW SEWER MAIN.

BCE GENERAL NOTES:

1. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
2. CONTRACTOR SHALL ASSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. BARGHAUSEN CONSULTING ENGINEERS, INC. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC., TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
6. INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE GOVERNING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
7. PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE ONE WEEK MIN. ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
8. THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.
10. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
11. TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO BARGHAUSEN CONSULTING ENGINEERS, INC. AT COMPLETION OF PROJECT.
12. CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL CONTROL FOR ALL NEW IMPROVEMENTS. STAKING CONTROL SHALL BE TAKEN FROM ELECTRONIC PLAN FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS INC..
13. CONTRACTOR SHALL REQUEST FROM BARGHAUSEN CONSULTING ENGINEERS INC., PRIOR TO ANY CONSTRUCTION STAKING OR CONSTRUCTION WORK, A FORMAL CONSTRUCTION RELEASE PLAN SET OR SPECIFIC RELEASE IN WRITING. THE APPROVED AGENCY PERMIT DRAWINGS WILL NOT BE CONSIDERED CONSTRUCTION RELEASE PLANS BY BARGHAUSEN CONSULTING ENGINEERS, INC. UNLESS BARGHAUSEN CONSULTING ENGINEERS, INC. HAS GIVEN A FORMAL WRITTEN RELEASE OR ISSUED A CONSTRUCTION RELEASE PLAN SET.

LEGEND:	
SURVEY MONUMENT	PROPOSED TYPE II CATCH BASIN
EX. POWER METER	PROPOSED TYPE I CATCH BASIN
EX. LUMINAIRE (LUM.)	PROPOSED STORM DRAIN FLOW ARROW
EX. POWER POLE	PROPOSED TRENCH DRAIN
EX. JUNCTION BOX	PROPOSED STORM DRAINAGE LINE
EX. CATCH BASIN (CB)	PROPOSED SANITARY SEWER LINE
EX. CATCH BASIN (CB) TYPE 2	PROPOSED SANITARY SEWER CLEANOUT
EX. SANITARY SEWER MANHOLE (SSMH)	PROPOSED WATERMAIN
EX. GAS METER	PROPOSED FIRE HYDRANT
EX. GAS VALVE	PROPOSED WATER VALVE
EX. WATER VALVE (WV)	PROPOSED CONCRETE BLOCKING
EX. FIRE HYDRANT (FH)	PROPOSED 90° BEND
MAIL BOX	PROPOSED SPOT ELEVATIONS
EX. WATER METER	EXISTING SPOT ELEVATIONS
EX. WATER FAUCET	PROPOSED CONTOURS
EX. WATER LINE	EXISTING CONTOURS
EX. SIGN	EXISTING CONCRETE
PROPOSED SIGN	EXISTING BRICK
EX. SANITARY SEWER LINE	EXISTING PAVEMENT
EX. STORM DRAINAGE LINE	EXISTING GRAVEL
EX. POWER UNDERGROUND	PROPOSED GRAVEL
EX. POWER OVERHEAD	EX. METAL FENCE
EX. GAS LINE	EX. WOOD FENCE
EX. METAL FENCE	EX. GUARD RAIL
EX. WOOD FENCE	EX. TELEPHONE
EX. GUARD RAIL	EXISTING CURB
EX. TELEPHONE	PROPOSED CURB
EXISTING CURB	PROPOSED WALL
PROPOSED CURB	

COVER SHEET

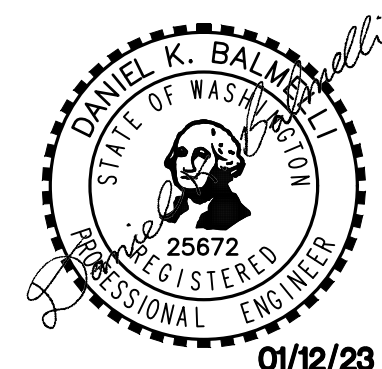
FOR

GERMAINE KORUM CENTER

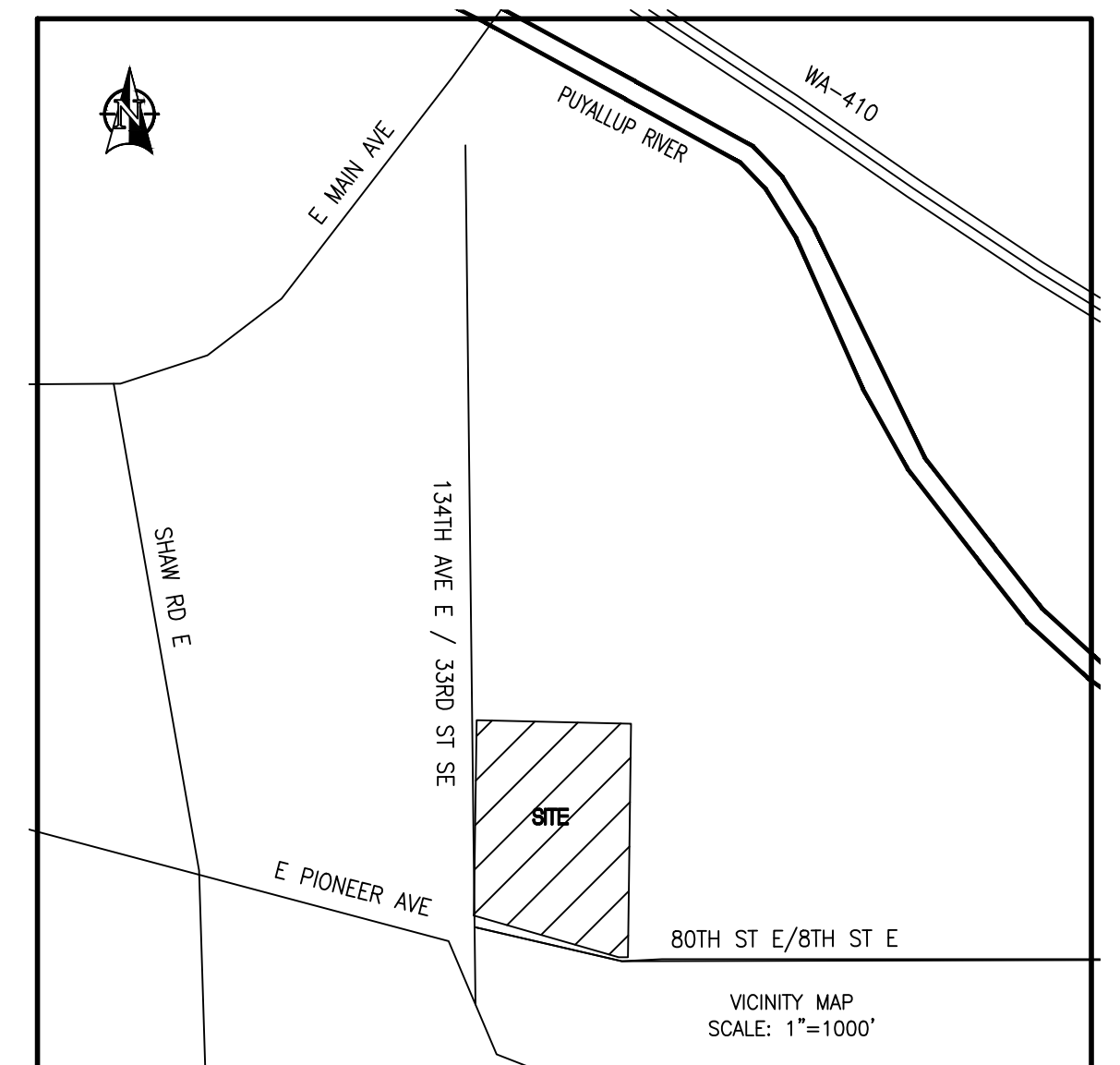
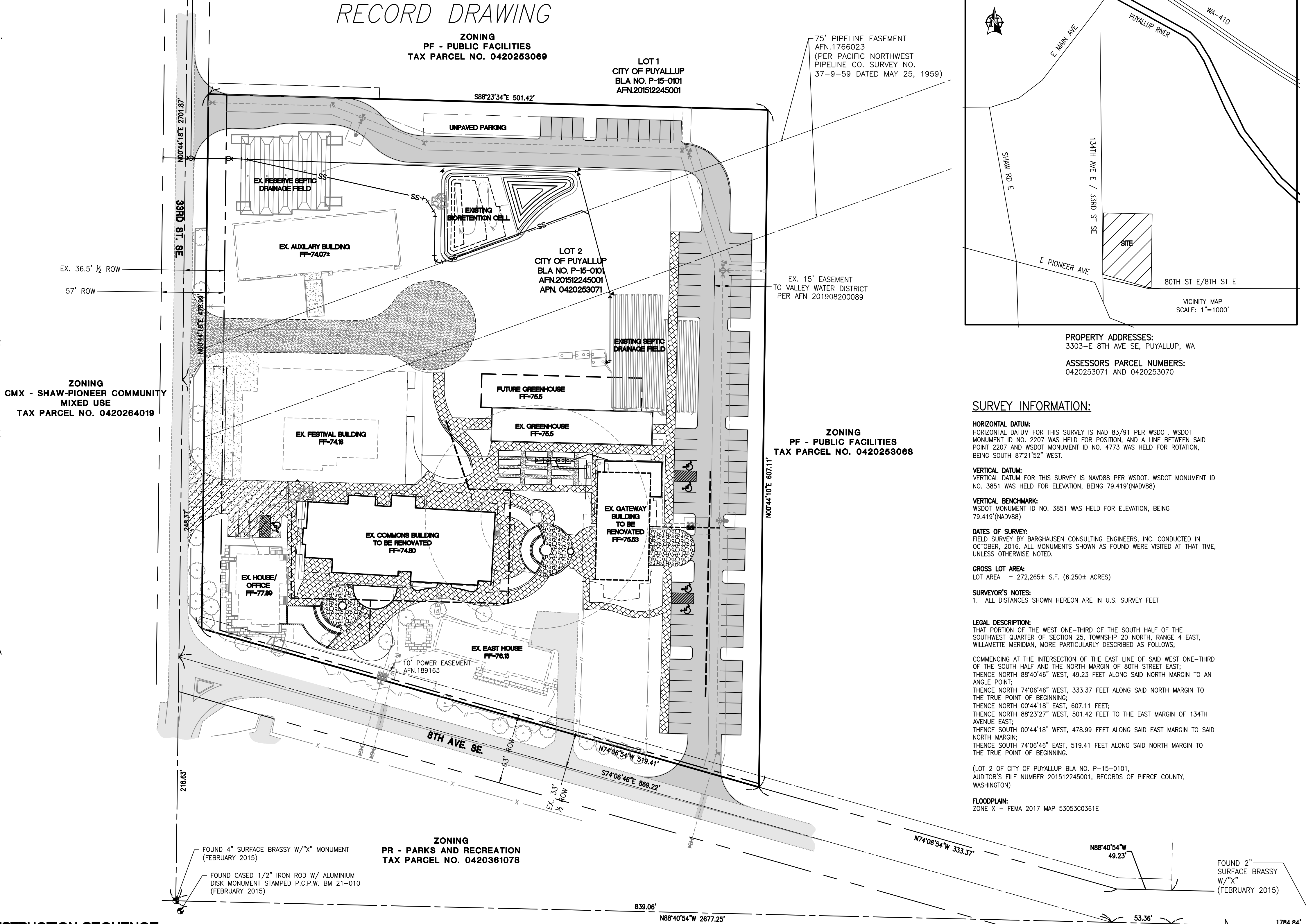
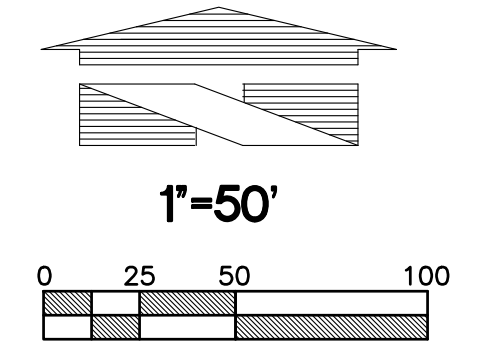
A PORTION OF THE SW¹/₄ OF THE SW¹/₄ OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M.

CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING



THESE PLANS ARE RECORD DRAWINGS, AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: JANUARY 12, 2023.



PROPERTY ADDRESSES:
3303-E 8TH AVE SE, PUYALLUP, WA

ASSESSORS' PARCEL NUMBERS:
0420253071 AND 0420253070

SURVEY INFORMATION:

HORIZONTAL DATUM:
HORIZONTAL DATUM FOR THIS SURVEY IS NAD 83/91 PER WSDOT. WSDOT MONUMENT ID NO. 2207 WAS HELD FOR POSITION, AND A LINE BETWEEN SAID POINT 2207 AND WSDOT MONUMENT ID NO. 4773 WAS HELD FOR ROTATION, BEING SOUTH 87°21'52" WEST.

VERTICAL DATUM:
VERTICAL DATUM FOR THIS SURVEY IS NAVD88 PER WSDOT. WSDOT MONUMENT ID NO. 3851 WAS HELD FOR ELEVATION, BEING 79.419 (NAVD88).

VERTICAL BENCHMARK:
WSDOT MONUMENT ID NO. 3851 WAS HELD FOR ELEVATION, BEING 79.419 (NAVD88).

DATES OF SURVEY:
FIELD SURVEY BY BARGHAUSEN CONSULTING ENGINEERS, INC. CONDUCTED IN OCTOBER, 2016. ALL MONUMENTS SHOWN AS FOUND WERE VISITED AT THAT TIME, UNLESS OTHERWISE NOTED.

GROSS LOT AREA:
LOT AREA = 272,265± S.F. (6,250± ACRES)

SURVEYOR'S NOTES:
1. ALL DISTANCES SHOWN HEREON ARE IN U.S. SURVEY FEET

LEGAL DESCRIPTION:
THAT PORTION OF THE WEST ONE-THIRD OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 25, TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE INTERSECTION OF THE EAST LINE OF SAID WEST ONE-THIRD OF THE SOUTH HALF AND THE NORTH MARGIN OF BOTH STREET EAST;
THENCE NORTH 88°40'46" WEST, 49.23 FEET ALONG SAID NORTH MARGIN TO AN ANGLE POINT;
THENCE NORTH 74°06'46" WEST, 333.37 FEET ALONG SAID NORTH MARGIN TO THE TRUE POINT OF BEGINNING;
THENCE NORTH 00°44'18" EAST, 607.11 FEET;
THENCE NORTH 88°23'27" WEST, 501.42 FEET TO THE EAST MARGIN OF 134TH AVENUE EAST;
THENCE SOUTH 00°44'18" WEST, 478.99 FEET ALONG SAID EAST MARGIN TO SAID NORTH MARGIN;
THENCE SOUTH 74°06'46" EAST, 519.41 FEET ALONG SAID NORTH MARGIN TO THE TRUE POINT OF BEGINNING.

(LOT 2 OF CITY OF PUYALLUP, BLA NO. P-15-0101, AUDITOR'S FILE NUMBER 201512245001, RECORDS OF PIERCE COUNTY, WASHINGTON)

FLOODPLAIN:
ZONE X - FEMA 2017 MAP 53053C0361E

CONSTRUCTION SEQUENCE:

1. SCHEDULE AND ATTEND PRE-CONSTRUCTION MEETING WITH CITY OF PUYALLUP OFFICIALS.
2. FLAG ALL TREES TO REMAIN, CLEARING AND GRADING LIMITS FOR PROJECT.
3. INSTALL TEMPORARY FILTER FABRIC FENCE AND CB PROTECTION AS NEEDED.
4. SCHEDULE AN EROSION CONTROL INSPECTION WITH THE CITY OF PUYALLUP.
5. REMOVE ALL EXISTING MATERIAL AS NEEDED FOR THE INSTALLATION OF THE NEW SEWER MAIN.
6. TIME LIMIT APPLIES TO ANY WORK PERFORMED IN THE CITY OF PUYALLUP. CONTRACTOR TO COORDINATE WITH CITY OFFICIAL FOR TIMING CONSTRUCTION WITHIN ROW.
7. PROTECT ALL PROPERTIES ADJACENT TO THE PROJECT FROM SEDIMENT DEPOSITION.
8. NO RUNOFF IS TO LEAVE THE PROJECT SITE WITHOUT TREATMENT.
9. AMEND E.S.C. FACILITIES AS REQUIRED DURING CONSTRUCTION.
10. WHENEVER CONSTRUCTION VEHICLES ACCESS ROUTE CROSSES PAVED ROADS, CARE MUST BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) ONTO THE PAVED ROAD. IF SEDIMENT IS TRANSPORTED ONTO A PAVED SURFACE, THE ROAD SHALL BE CLEANED IMMEDIATELY.
11. INSTALL SANITARY SEWER SYSTEM.
12. ONCE THE INSTALLED SYSTEMS ARE TESTED AND APPROVED, COMMENCE SITE PAVING.
13. MAINTAIN E.S.C. FACILITIES UNTIL ALL RISK OF EROSION/SEDIMENTATION DRAINAGE HAS PASSED. REMOVE TEMPORARY EROSION & SEDIMENTATION CONTROL MEASURES UPON FINAL SITE STABILIZATION AND APPROVAL FROM THE CITY INSPECTOR.
14. COMPLETE INSPECTION/PUNCHLIST.

INDEX TO SHEETS:

- S1 COVER SHEET
- S2 SEWER AND STORM DRAIN MODIFICATION PLAN
- S3 SEWER AND STORM DRAIN MODIFICATION PLAN
- S4 GRADING AND DRAINAGE PLAN
- S5 GRADING AND DRAINAGE PLAN
- S6 CONSTRUCTION NOTES AND DETAILS

UTILITY CONFLICT NOTE:

CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY. PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190.

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

APPROVED

BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE: _____

NOTE:
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

COVER SHEET

FOR

GERMAINE KORUM CENTER

STEP BY STEP

PO BOX 488

MILTON, WA 98354

PHONE: 253-896-0903

For:

BARGHAUSEN CONSULTING ENGINEERS, INC.

18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8752 FAX

CIVIL ENGINEERING, LAND PLANNING,
SURVEYING, ENVIRONMENTAL SERVICES

Job Number: **17376**

Sheet: **6**

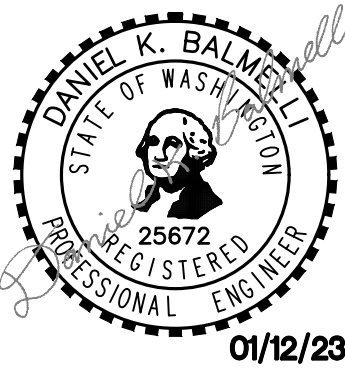
Scale: 1"=50'

Designed: AS
Drawn: ZTW
Checked: ZTW
Approved: DKB
Date: 01/12/23

Date/Time: 1/12/2023 4:27 PM Scale: 1"=50'



Know what's below. Call before you dig.



THESE PLANS ARE RECORD DRAWINGS, AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: JANUARY 12, 2023.

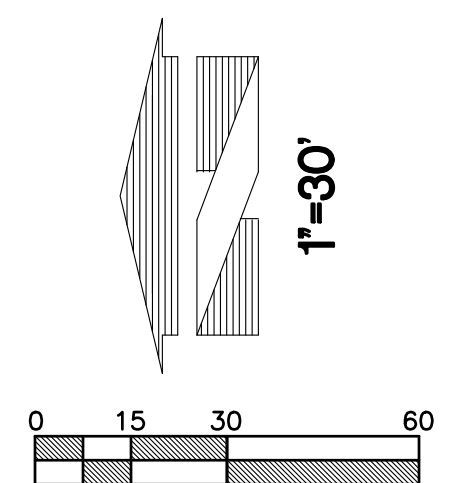
01/12/23

SEWER AND STORM DRAIN MODIFICATION PLAN

FOR GERMAINE KORUM CENTER

A PORTION OF THE SW¹/₄ OF THE SW¹/₄ OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M.
CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING

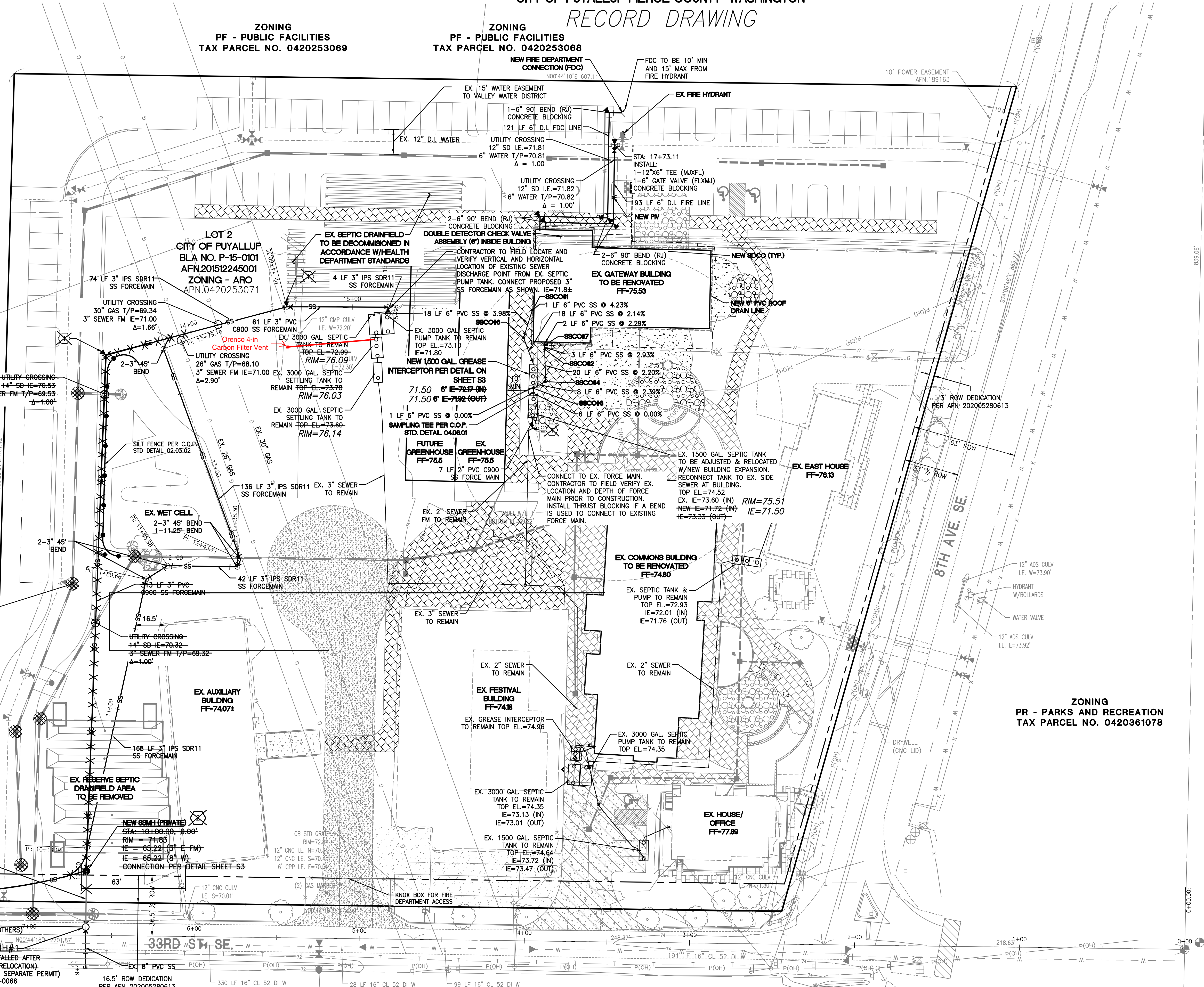


ZONING
PF - PUBLIC FACILITIES
TAX PARCEL NO. 0420253089

ZONING
PF - PUBLIC FACILITIES
TAX PARCEL NO. 0420253088

ZONING
PR - PARKS AND RECREATION
TAX PARCEL NO. 0420361078

ZONING
CMX - SHAW-PIONEER COMMUNITY MIXED USE
TAX PARCEL NO. 0420264019



SANITARY SEWER STRUCTURE TABLE

EX. SSMH #1 (BY OTHERS), TYPE 1-48"	STA = 6+65.65, 4.98 RT
RIM = 72.93	IE=64.77 (8" IN W)
IE=64.77 (8" IN E)	IE=64.67 (8" OUT N)
NEW SSMH (PRIVATE), TYPE 1-48"	STA = 10+00.00, 0.00
RIM = 71.83	IE=65.32 (3" IN E W/DOWNTURNED ELBOW)
IE=65.22 (8" OUT W)	CONNECTION PER DETAIL SHEET S3
SSCO#1,	RIM = 75.49
IE=72.52 (6" S)	IE=72.52 (6" W)
SSCO#2,	RIM = 75.46
IE=72.13 (6" E)	IE=72.13 (6" W)
SSCO#3,	RIM = 75.20
IE=71.50 (6" SE)	IE=71.50 (6" E)
IE=71.50 (6" E)	IE=71.50 (6" W)
SSCO#4,	RIM = 75.20
IE=71.70 (6" E)	IE=71.70 (6" NW)
SSCO#6,	RIM = 75.49
IE=71.82 (6" E)	IE=71.82 (6" W)
SSCO#7,	RIM = 75.50
IE=72.21 (6" E)	IE=72.21 (6" W)

KEYNOTES

- CONTRACTOR TO INSTALL A CLEANOUT UPSTREAM OF BEND AS A FLUSHING POINT. INSTALL THRUST BLOCKING AT BEND.
- PRIOR TO OPERATION OF THE NEW SANITARY SEWER SYSTEM A SEPARATE UTILITY CONNECTION PERMIT SHALL BE OBTAINED FROM THE CITY.

WETWELL LINING NOTE

INTERIOR OF FORCEMAIN DISCHARGE MANHOLE SHALL BE LINED WITH RAVEN 45 EPOXY OR APPROVED ALTERNATIVE.

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE _____

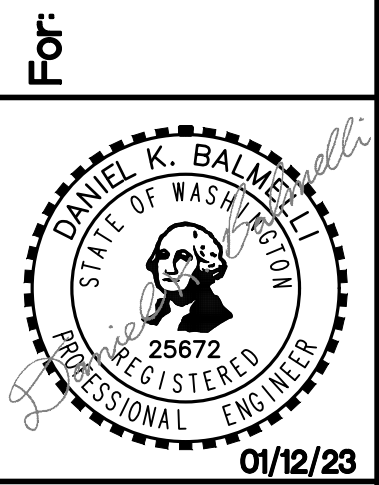
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THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

Revision
7 01/12/23 JEP AS DKB
No. Date By Cld. Appr.

SEWER AND STORM DRAIN
MODIFICATION PLAN
FOR
GERMAINE KORUM CENTER

STEP BY STEP
PO BOX 488
MILTON, WA 98354
PHONE: 253-896-0903



Scale:
Horizontal 1"=30'
Vertical

Designed AS
Drawn ZTW
Checked ZTW
Approved DKB
Date 01/12/23

18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
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SURVEYING, ENVIRONMENTAL SERVICES



Job Number
17376
Sheet
6
S2 of 6



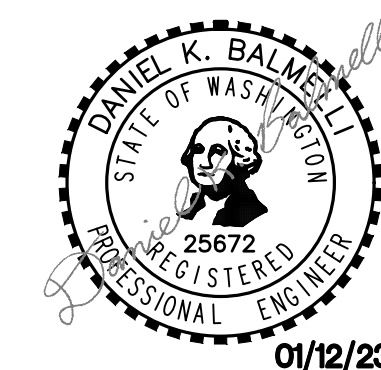
Know what's below. Call before you dig.

SEWER AND STORM DRAIN MODIFICATION PLAN

FOR GERMAINE KORUM CENTER

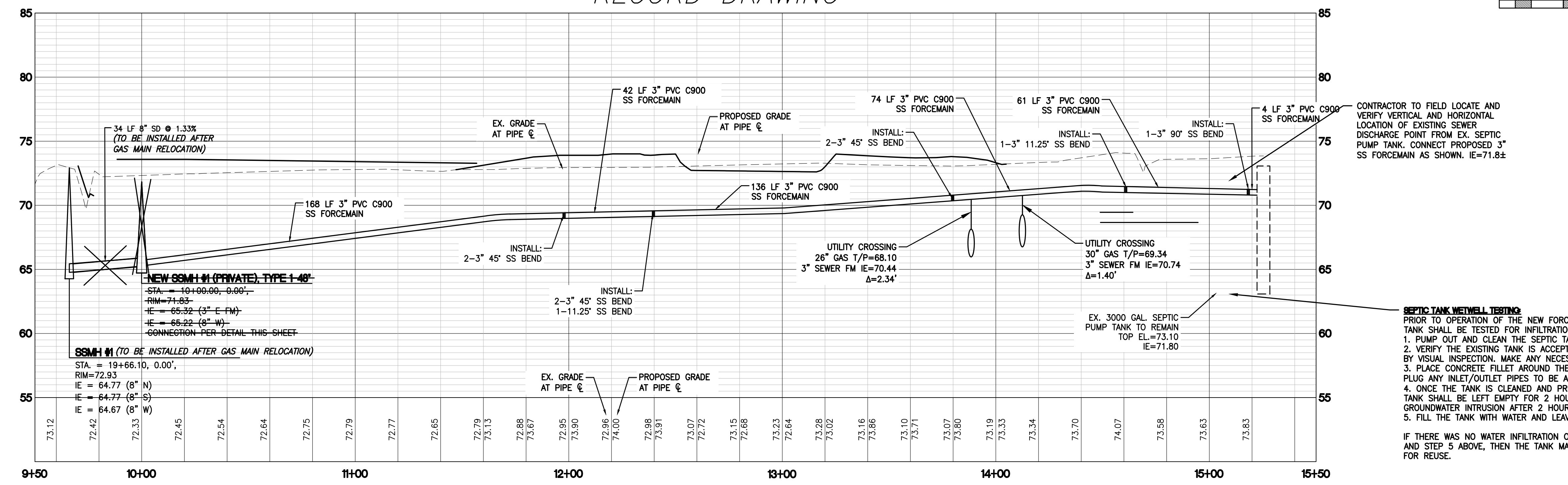
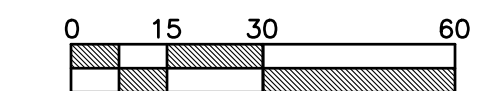
A PORTION OF THE SW¹/₄ OF THE SW¹/₄ OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M.
CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING



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1"=30'



SANITARY SEWER STRUCTURE TABLE

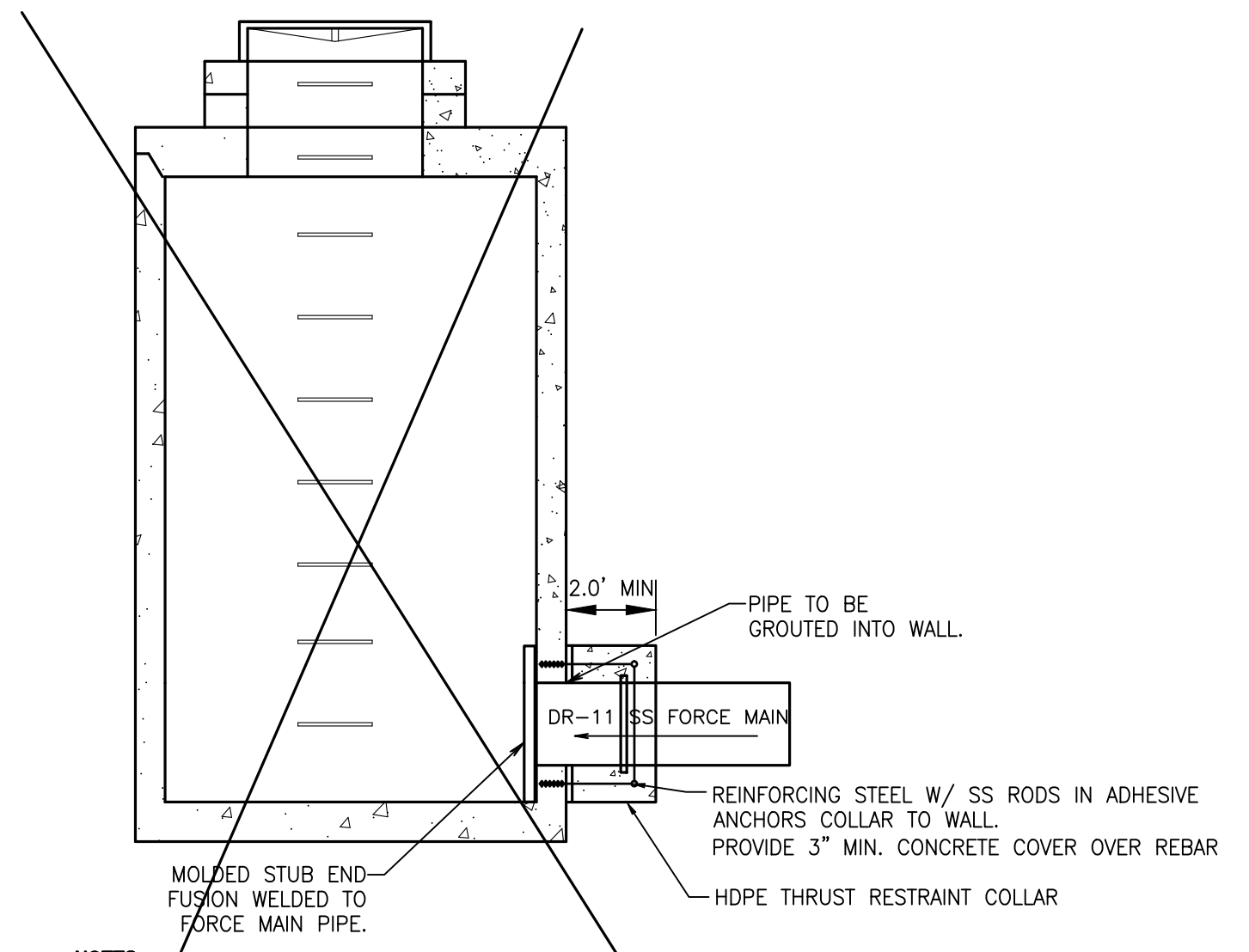
EX. SSMH #1 (BY OTHERS), TYPE 1-48"
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RIM = 72.93
IE = 64.77 (8" IN W)
IE = 64.77 (8" IN E)
IE = 64.67 (8" OUT N)

NEW SSMH (PRIVATE), TYPE 1-48"
STA = 10+00.00, 0.00'
RIM = 71.83
IE = 65.32 (3" E FM)
IE = 66.22 (8" W)
CONNECTION PER DETAIL THIS SHEET

SSMH #1 (TO BE INSTALLED AFTER GAS MAIN RELOCATION)
STA = 19+66.10, 0.00'
RIM = 72.93
IE = 64.77 (8" N)
IE = 64.77 (8" S)
IE = 64.67 (8" W)

CONTRACTOR TO FIELD LOCATE AND VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING SEWER DISCHARGE POINT FROM EX. SEPTIC PUMP TANK. CONNECT PROPOSED 3" SS FORCEMAIN AS SHOWN. IE=71.84

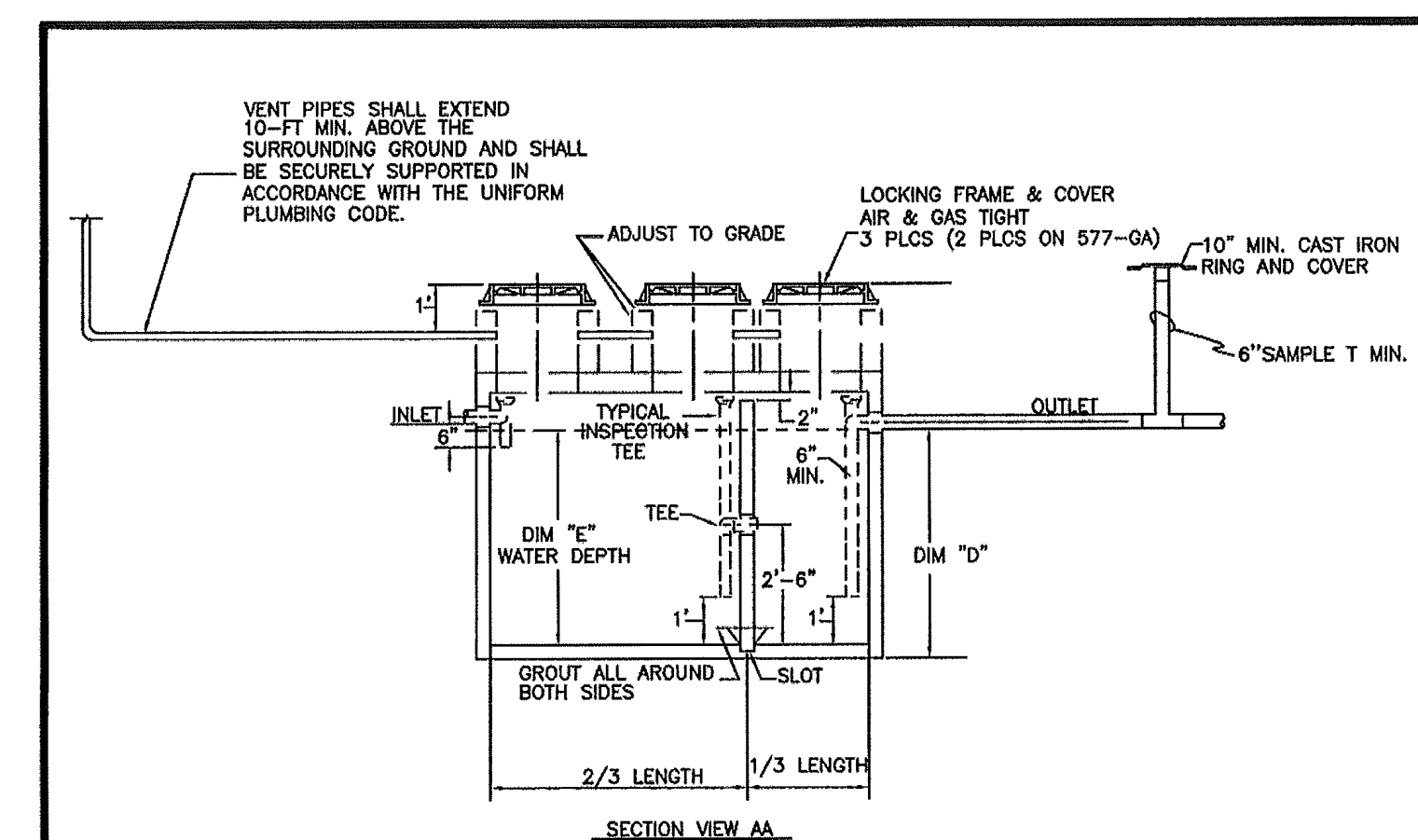
SEPTIC TANK NETWELL TESTING
PRIOR TO OPERATION OF THE NEW FORCEMAIN SYSTEM, THE EXISTING TANK SHALL BE TESTED FOR INFILTRATION AND EXFILTRATION:
1. PUMP OUT AND CLEAN THE SEPTIC TANK.
2. VERIFY THE EXISTING TANK IS ACCEPTABLE FOR CONTINUED USE BY VISUAL INSPECTION. MAKE ANY NECESSARY REPAIRS.
3. PLACE CONCRETE FILLET AROUND THE BASE OF THE TANK AND PLUG ANY INLET/OUTLET PIPES TO BE ABANDONED.
4. ONCE THE TANK IS CLEANED AND PREPPED PER THE ABOVE, THE TANK SHALL BE LEFT EMPTY FOR 2 HOURS. ASSUMING NO GROUNDWATER INTRUSION AFTER 2 HOURS GO TO STEP 5.
5. FILL THE TANK WITH WATER AND LEAVE STATIC FOR 2 HOURS.
IF THERE WAS NO WATER INFILTRATION OR EXFILTRATION PER STEP 4 AND STEP 5 ABOVE, THEN THE TANK MAY BE DEEMED ACCEPTABLE FOR REUSE.



NOTES
1. LOCATE INLET AT SAME ELEVATION AS THE OUTLET W/ CHANNELIZATION

FORCE MAIN TO EXISTING MANHOLE CONNECTION

NOT TO SCALE
NOT INSTALLED



NOTES:

- 1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH F_c = 4500 psi
- 2. REBAR: ASTM A-615 GRADE 60
- 3. MESH: ASTM A-185 GRADE 65
- 4. DESIGN: ACI-318-83 BUILDING CODE
ASTM C-857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
- 5. MINIMUM VAULT DIMENSIONS BASED ON UTILITY VAULT. OTHER MANUFACTURER'S SIZING MAY VARY.
* SEE CITY STANDARD DETAIL NO. 04.06.02 FOR ADDITIONAL NOTES

CAPACITY	DIM "A"	DIM "B"	DIM "C"	DIM "D"	WATER DEPTH DIM "E"
750	7'-0"	4'-8"	7'-0"	4'-3"	3'-11"
1000	9'-0"	5'-0"	7'-2"	4'-2"	3'-10"
1500	11'-2"	5'-8"	7'-2"	4'-3"	3'-11"
2000	12'-8"	6'-8"	8'-0"	4'-7"	3'-10"
2500	12'-8"	6'-8"	8'-0"	5'-6"	4'-9"
3000	13'-1"	8'-0"	8'-7"	5'-1"	4'-8"
4000	13'-1"	8'-0"	8'-7"	6'-8"	6'-3"
5000	15'-7"	9'-7"	10'-0"	7'-4"	6'-1"
6000	19'-11"	9'-11"	10'-5"	7'-1"	5'-8"
7000	19'-11"	9'-11"	10'-5"	8'-0"	6'-7"

NOTES FOR GREASE INTERCEPTORS:

- 1. THE PLANS & SPECIFICATIONS SHALL ILLUSTRATE PROPERTY BOUNDARIES, PIPING/DRAINAGE DETAILS AND CONNECTIONS TO THE SANITARY SEWER. DETAIL AND ELEVATION DRAWINGS OF THE GREASE INTERCEPTOR SHALL INCLUDE SIZING CALCULATIONS IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE CURRENTLY ADOPTED BY THE CITY OF PUYALLUP.
- 2. VENTING OF THE INTERCEPTOR SHALL BE IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE CURRENTLY ADOPTED BY THE CITY OF PUYALLUP.
- 3. EFFLUENT FROM GREASE INTERCEPTORS SHALL NOT EXCEED 100 mg/L FAT, OIL, AND/OR GREASE DISCHARGED TO THE DOWNSTREAM SANITARY SEWER SYSTEM.
- 4. GREASE INTERCEPTORS INSTALLED IN PAVED AREAS SHALL COMPLY WITH H-20 LOADING CRITERIA.
- 5. THE GREASE INTERCEPTOR SHALL BE INSTALLED AND CONNECTED SUCH THAT IT SHALL BE EASILY ACCESSIBLE FOR INSPECTION, CLEANING, AND REMOVAL AT ALL TIMES. MANHOLE COVERS SHALL BE GAS TIGHT AND HAVE A MINIMUM OPENING OF 24-INCHES IN DIAMETER.
- 6. NO SANITARY WASTEWATER SHALL BE CONVEYED TO THE SEPARATOR. A SEPARATE SIDE SEWER SHALL BE REQUIRED TO CARRY SANITARY WASTEWATER TO THE SEWER MAIN AND SHALL BE PLACED AS CLOSE TO THE SERVICE AREA AS PRACTICAL.
- 7. PLUMBING/PIPING SHALL BE CONSTRUCTED TO ESTABLISH "PARALLEL FLOW" (90-DEGREES TO THE TANK BAFFLE) THROUGH THE GREASE INTERCEPTOR. NO RADIUS, BEND, OR ELBOW SHALL BE ALLOWED IN THE INLET PIPE UPSTREAM OF THE INTERCEPTOR FOR A MINIMUM OF 10-FEET, OR 20-PIPE DIAMETERS, WHICHEVER IS GREATER.
- 8. ANY PUMP MECHANISM SHALL BE INSTALLED DOWNSTREAM OF THE INTERCEPTOR TO PREVENT FAT, OIL, AND GREASE EMULSIFICATION. A "TEE" CONNECTION SHALL BE INSTALLED IN THE DISCHARGE PIPING TO PROVIDE FOR SAMPLE COLLECTION
- 9. ALL GREASE INTERCEPTORS SHALL BE FILLED WITH CLEAN WATER BEFORE USE.
- 10. THE DESIGN ENGINEER SHALL PROVIDE ENGINEERING SERVICES STAFF WITH A LETTER OF INSPECTION CERTIFYING THAT THE INSTALLATION WAS PERFORMED IN ACCORDANCE WITH ALL REGULATIONS AND THE APPROVED PLAN.
- 11. FINAL INSPECTION IS REQUIRED BY ENGINEERING SERVICES STAFF PRIOR TO CONNECTING TO THE SANITARY SEWER.
- 12. THE PROPERTY OWNER SHALL RETAIN OWNERSHIP OF THE GREASE INTERCEPTOR AND SIDE SEWER LINES AND SHALL BE RESPONSIBLE FOR THEIR OPERATION AND MAINTENANCE. A SERVICE/MAINTENANCE RECORD SHALL BE KEPT ON THE PREMISES AT ALL TIMES AND SHALL BE IMMEDIATELY AVAILABLE TO CITY OF PUYALLUP STAFF UPON REQUEST.
- 13. THE PROPERTY OWNER SHALL REPORT IMMEDIATELY TO THE CITY'S INDUSTRIAL PRETREATMENT SPECIALIST ANY SPILL, SURCHARGE, BYPASS, OR MECHANICAL FAULT AND/OR FAILURE WHICH INTERRUPTS, OR OTHERWISE REDUCES THE CAPACITY OR REMOVAL EFFICIENCY OF THE GREASE INTERCEPTOR BY CALLING (253) 841-5523.

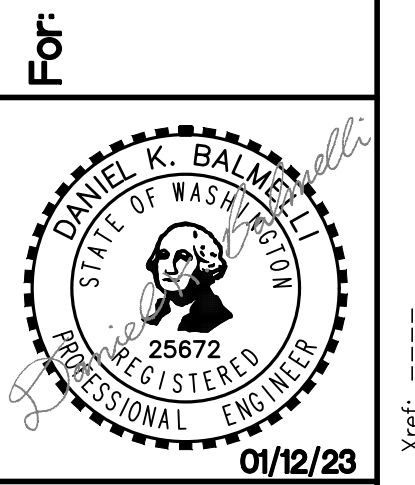
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
DATE: 01/13/23
DRAWN BY: LINDA LIAN
CHECKED BY: COLLEEN HARRIS
APPROVED BY: DANIEL K. BALMELLI
DATE APPROVED: 01/13/23
CITY STANDARD: 04.06.01

CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
DATE: 01/13/23
DRAWN BY: LINDA LIAN
CHECKED BY: COLLEEN HARRIS
APPROVED BY: DANIEL K. BALMELLI
DATE APPROVED: 01/13/23
CITY STANDARD: 04.06.02

APPROVED
BY: _____
CITY OF PUYALLUP DEVELOPMENT SERVICES
DATE: _____
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

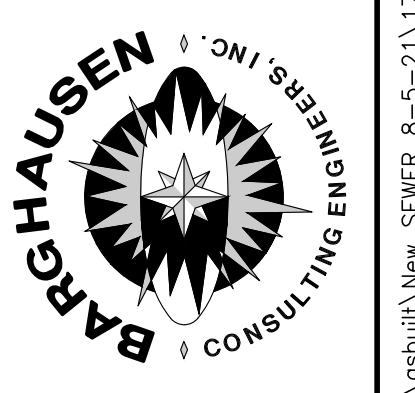
SEWER AND STORM DRAIN MODIFICATION PLAN FOR GERMAINE KORUM CENTER

STEP BY STEP
PO BOX 488
MILTON, WA 98354
PHONE: 253-896-0903



Scale: Horizontal 1"=30' Vertical
Designed: AS
Drawn: ZTW
Checked: ZTW
Approved: DKB
Date: 01/12/23

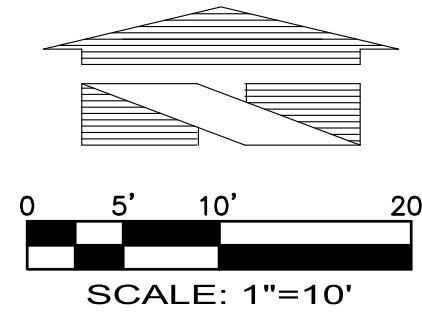
18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222
(425)251-8752 FAX
CIVIL ENGINEERING, LAND PLANNING, SURVEYING, ENVIRONMENTAL SERVICES



Job Number: 17376
Sheet: 6 of 6



Know what's Below.
Call before you dig.



GRADING AND DRAINAGE PLAN

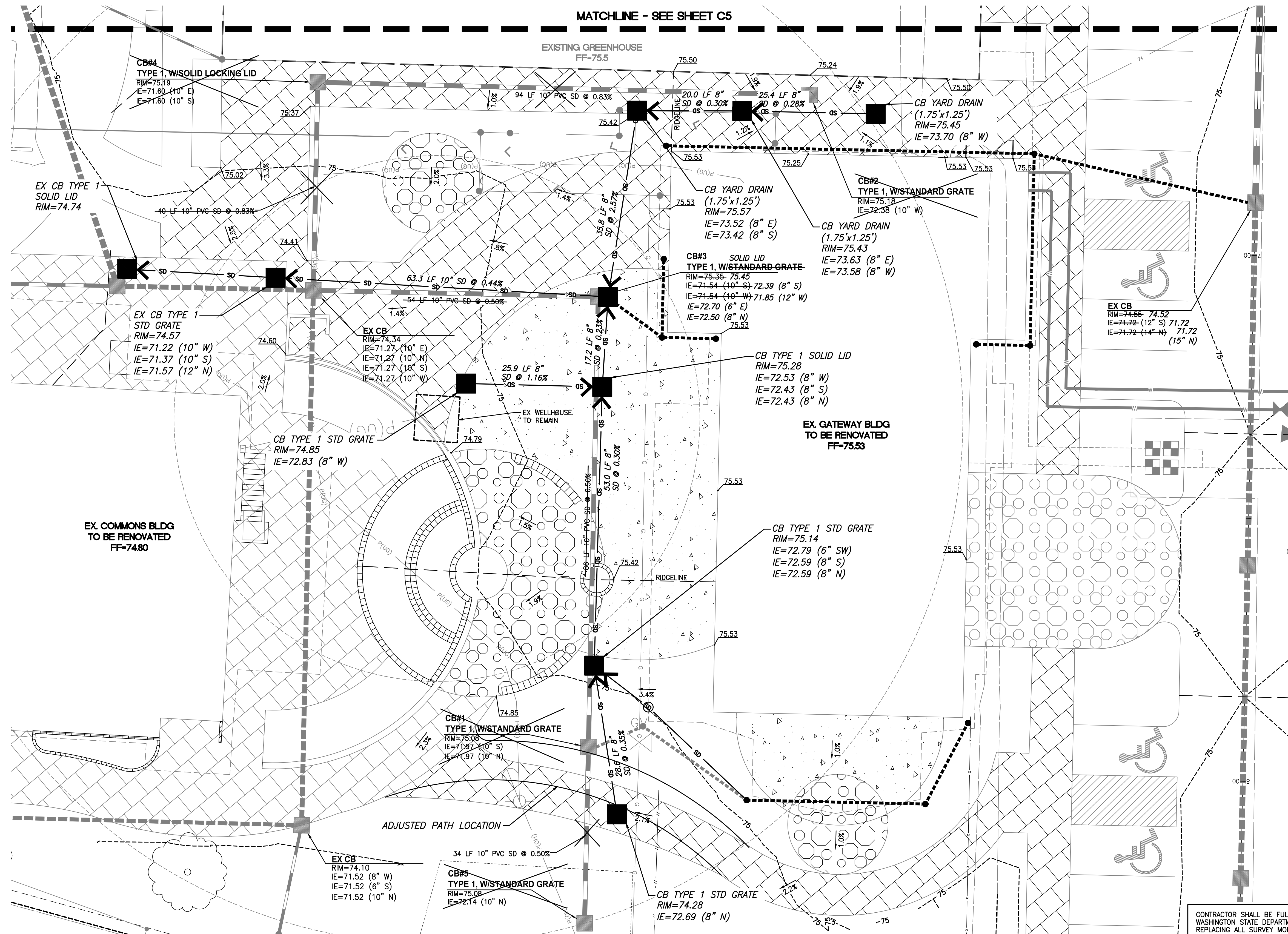
FOR GERMAINE KORUM CENTER

A PORTION OF THE SW₄ OF THE SW₄ OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M.
CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING



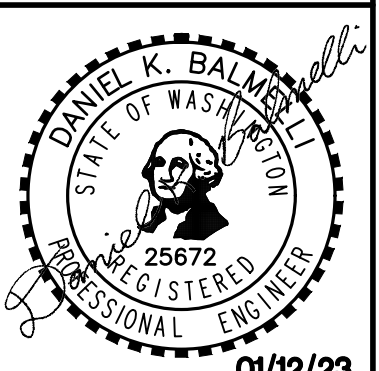
THESE PLANS ARE RECORD DRAWINGS, AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: JANUARY 12, 2023.



No.	Date	By	Clk.	Appr.	RECORD DRAWING
7	01/12/23	JEP	AS	DKB	RECORD DRAWING

Title: **GRADING AND DRAINAGE PLAN**
For: **GERMAINE KORUM CENTER**

STEP BY STEP
PO BOX 488
MILTON, WA 98354
PHONE: 253-896-0903



Scale:	Horizontal	Vertical
Designed	AS	
Drawn	ZTW	
Checked	ZTW	
Approved	DKB	
Date	01/12/23	

18215 72ND AVENUE SOUTH
KENT, WA 98032
(425)251-6222 FAX
(425)251-8782
CIVIL ENGINEERING, LAND PLANNING,
SURVEYING, ENVIRONMENTAL SERVICES



Job Number: **17376**
Sheet: **S4** of **6**

UTILITY CONFLICT NOTE:
CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING. ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY, PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190.

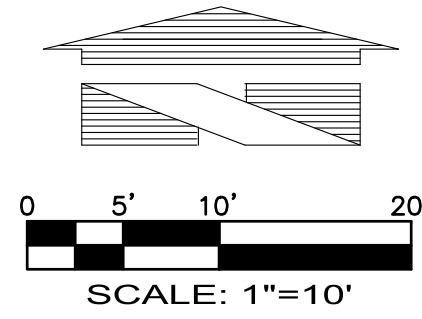
WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

APPROVED
BY: _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: _____
NOTE:
THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.



Know what's below.
Call before you dig.



GRADING AND DRAINAGE PLAN

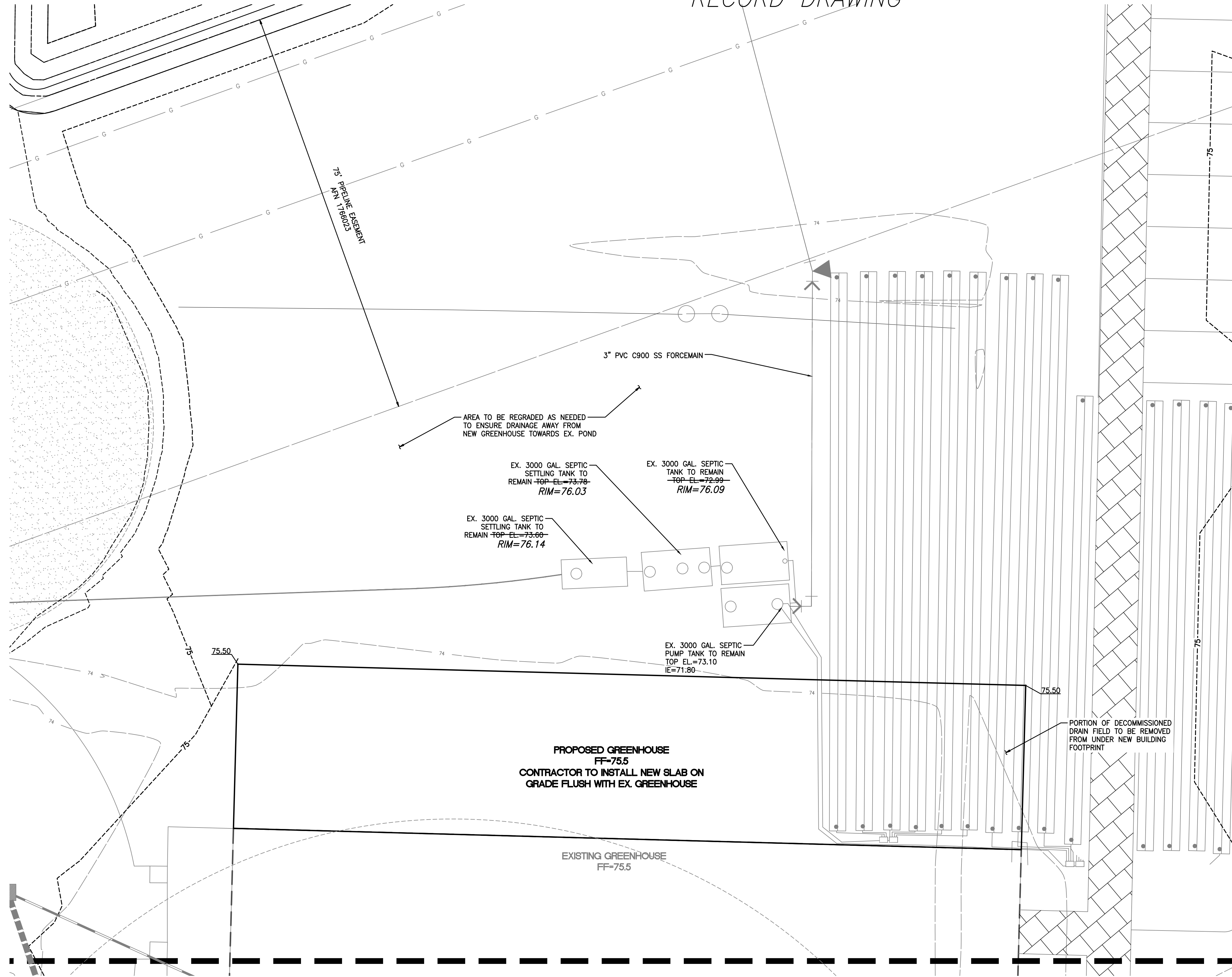
FOR GERMAINE KORUM CENTER

A PORTION OF THE SW¹/₄ OF THE SW¹/₄ OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M.
CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING



THESE PLANS ARE RECORD DRAWINGS, AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: JANUARY 12, 2023.



MATCHLINE - SEE SHEET C4

UTILITY CONFLICT NOTE:

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CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY, PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190.

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT SERVICES

DATE _____

NOTE:
THIS APPROVAL IS VOID AFTER 180
DAYS FROM APPROVAL DATE.

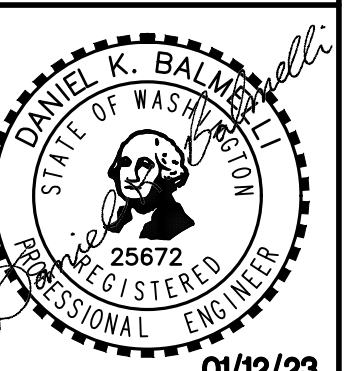
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

No.	Date	By	Appr.	RECORD DRAWING
7	01/12/23	JEP	AS	DKB

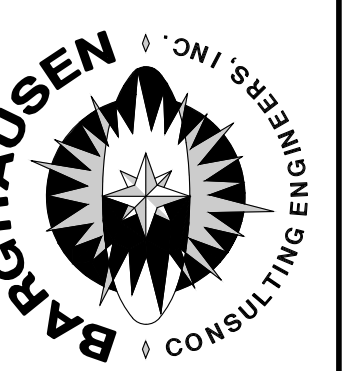
Title: GRADING AND DRAINAGE PLAN
FOR
GERMAINE KORUM CENTER

STEP BY STEP
PO BOX 488
MILTON, WA 98354
PHONE: 253-896-0903



Scale:	Horizontal	Vertical
	1"=10'	
Designed	AS	
Drawn	ZTW	
Checked	ZTW	
Approved	DKB	
Date	01/12/23	

18215 72ND AVENUE SOUTH
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CIVIL ENGINEERING, LAND PLANNING,
SURVEYING, ENVIRONMENTAL SERVICES



Job Number: 17376
Sheet: 6
of 55



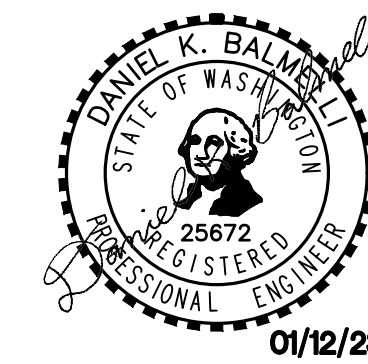
Know what's below. Call before you dig.

CONSTRUCTION NOTES AND DETAILS

FOR GERMAINE KORUM CENTER

A PORTION OF THE SW 1/4 OF THE SW 1/4 OF SEC. 25, TWP. 20 NORTH, RGE. 4 EAST, W.M. CITY OF PUYALLUP PIERCE COUNTY WASHINGTON

RECORD DRAWING

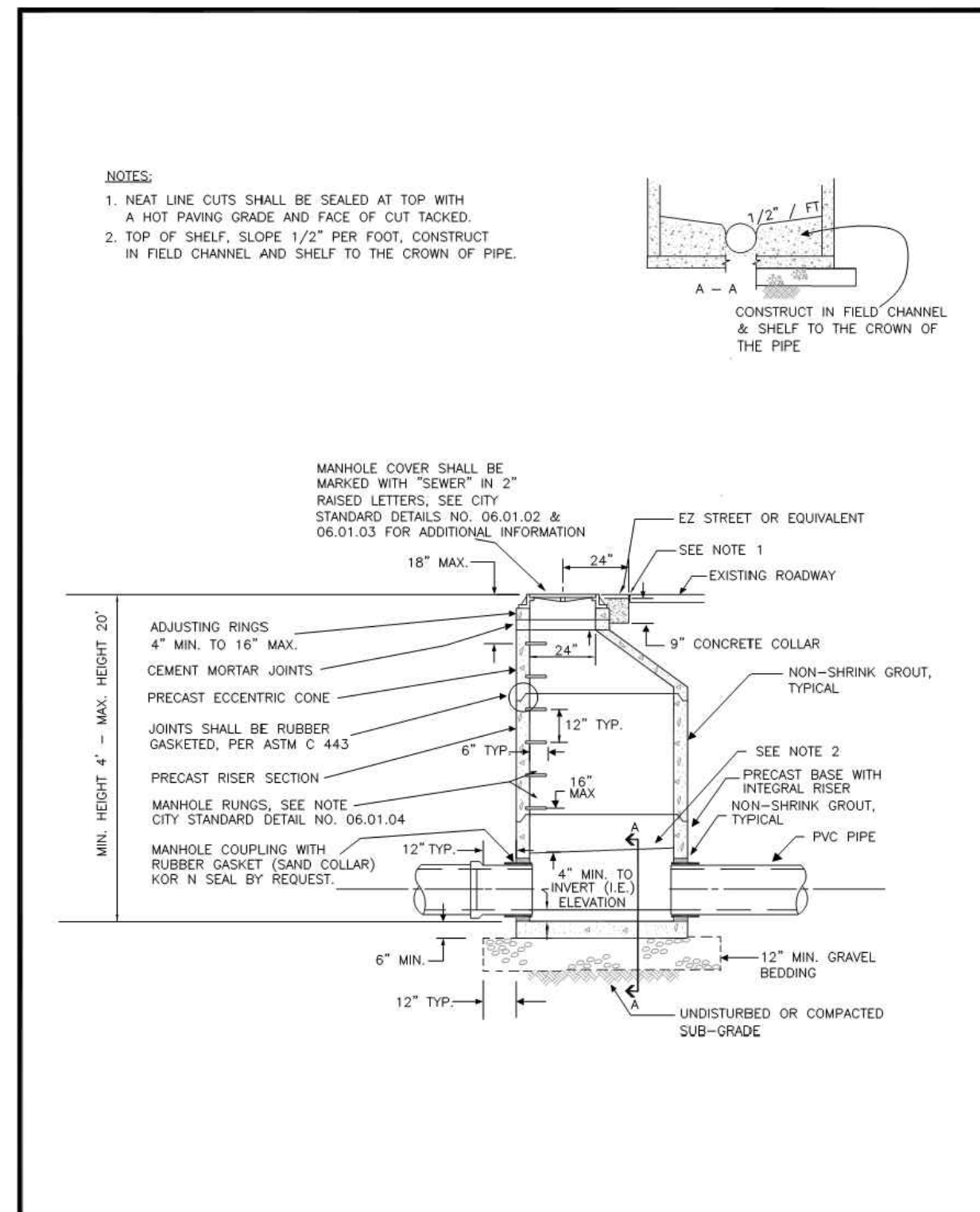


THESE PLANS ARE RECORD DRAWINGS, AND THE INFORMATION SHOWN ACCURATELY REFLECTS EXISTING FIELD CONDITIONS AS OF THIS DATE: JANUARY 12, 2023.

01/12/23

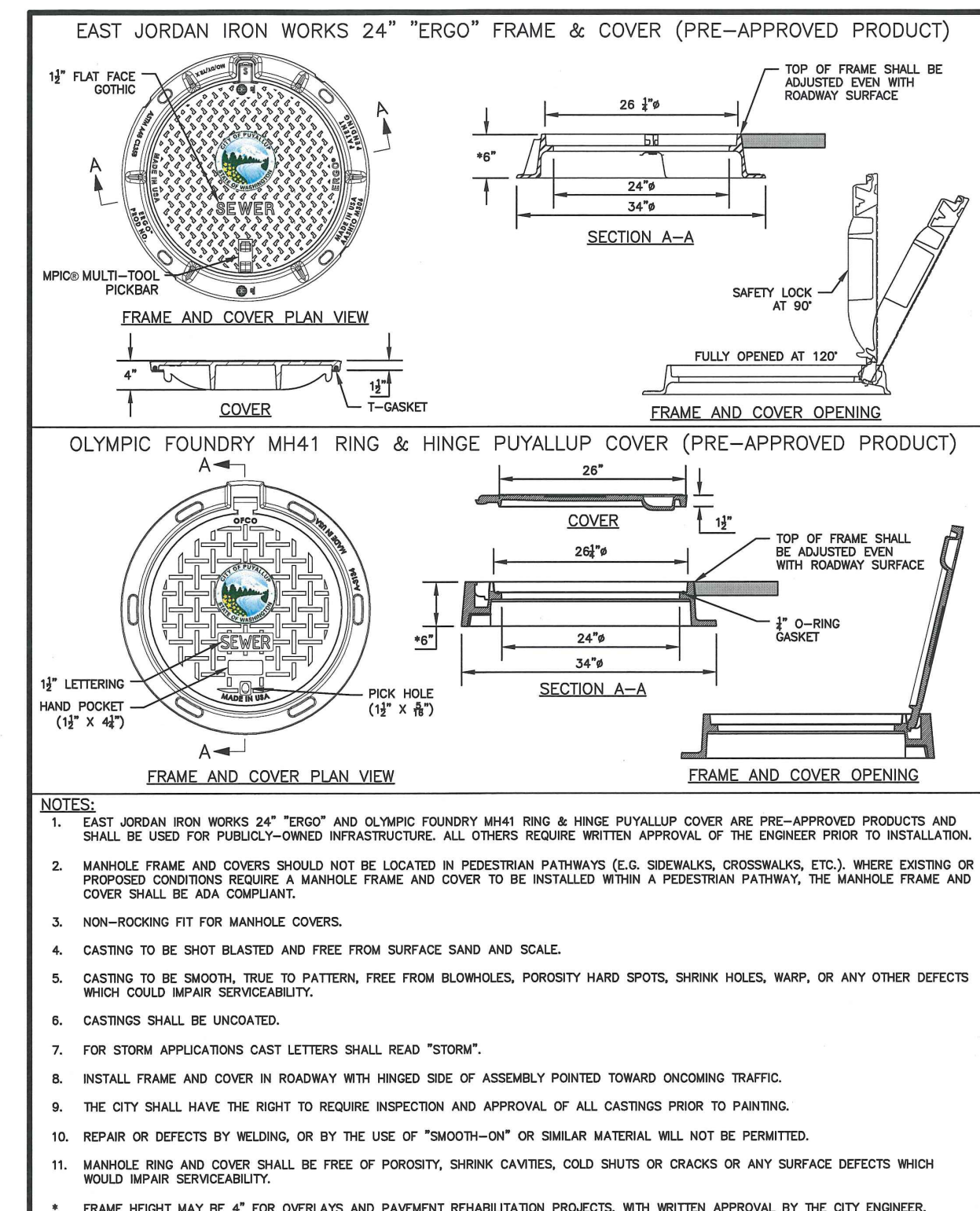
GENERAL NOTES:

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY.
- THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
- POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
- ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
- DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
- CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360)407-6300.
- ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.



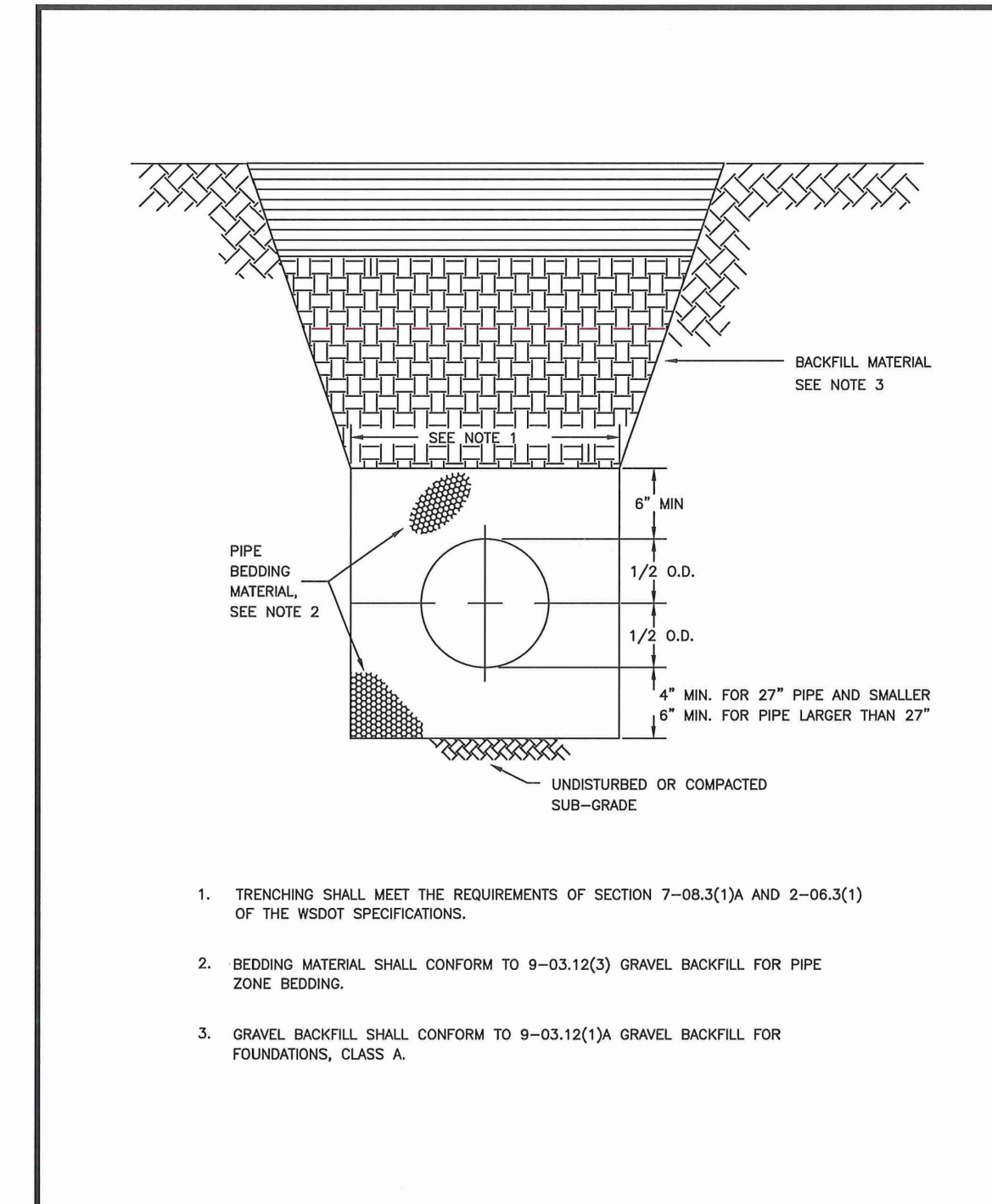
CITY OF PUYALLUP SANITARY SEWER MANHOLE

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
3/16/17	3/16/17	3/16/17	04.01.01



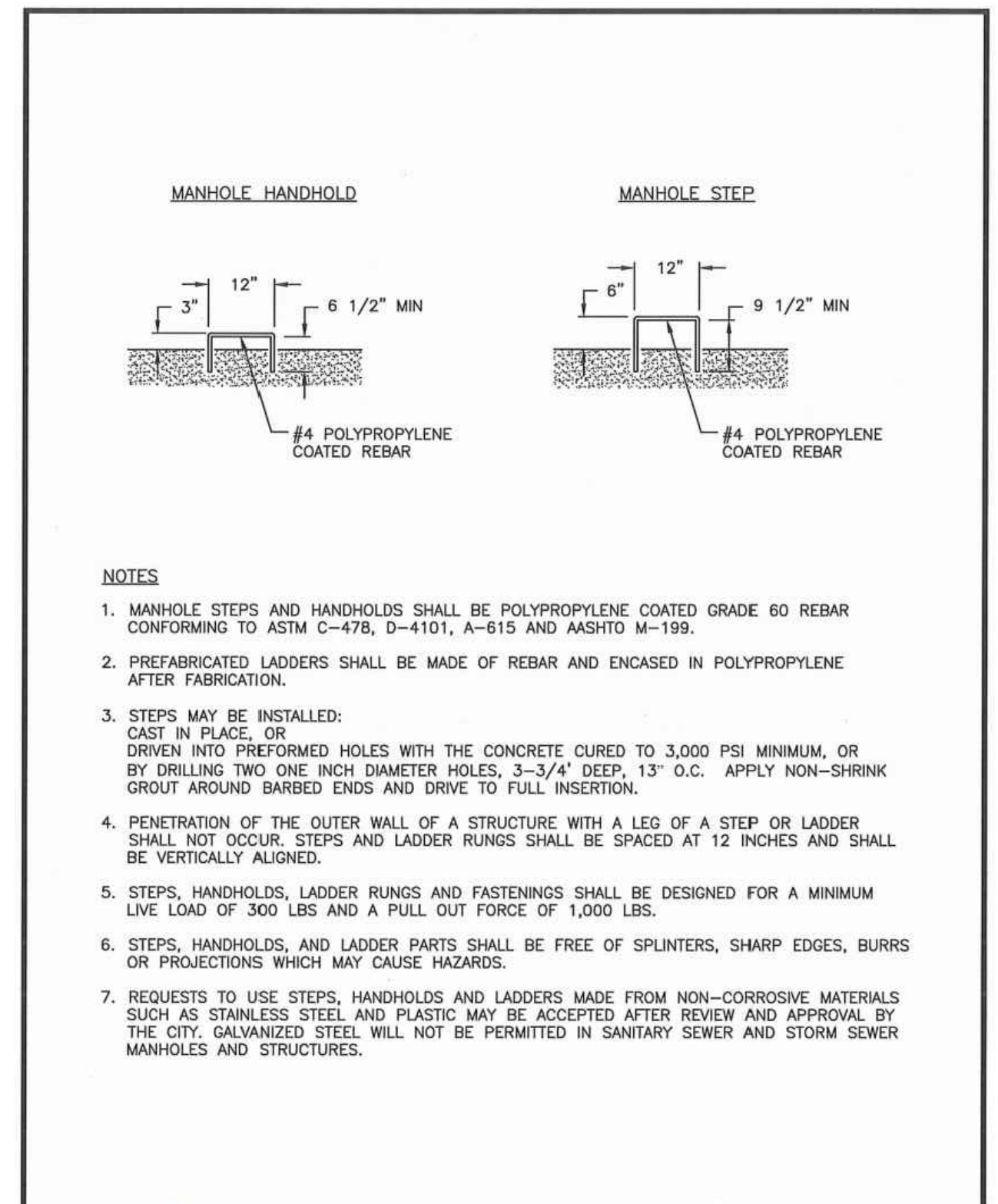
CITY OF PUYALLUP MANHOLE FRAME AND COVER

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
3/16/17	3/16/17	3/16/17	06.01.02



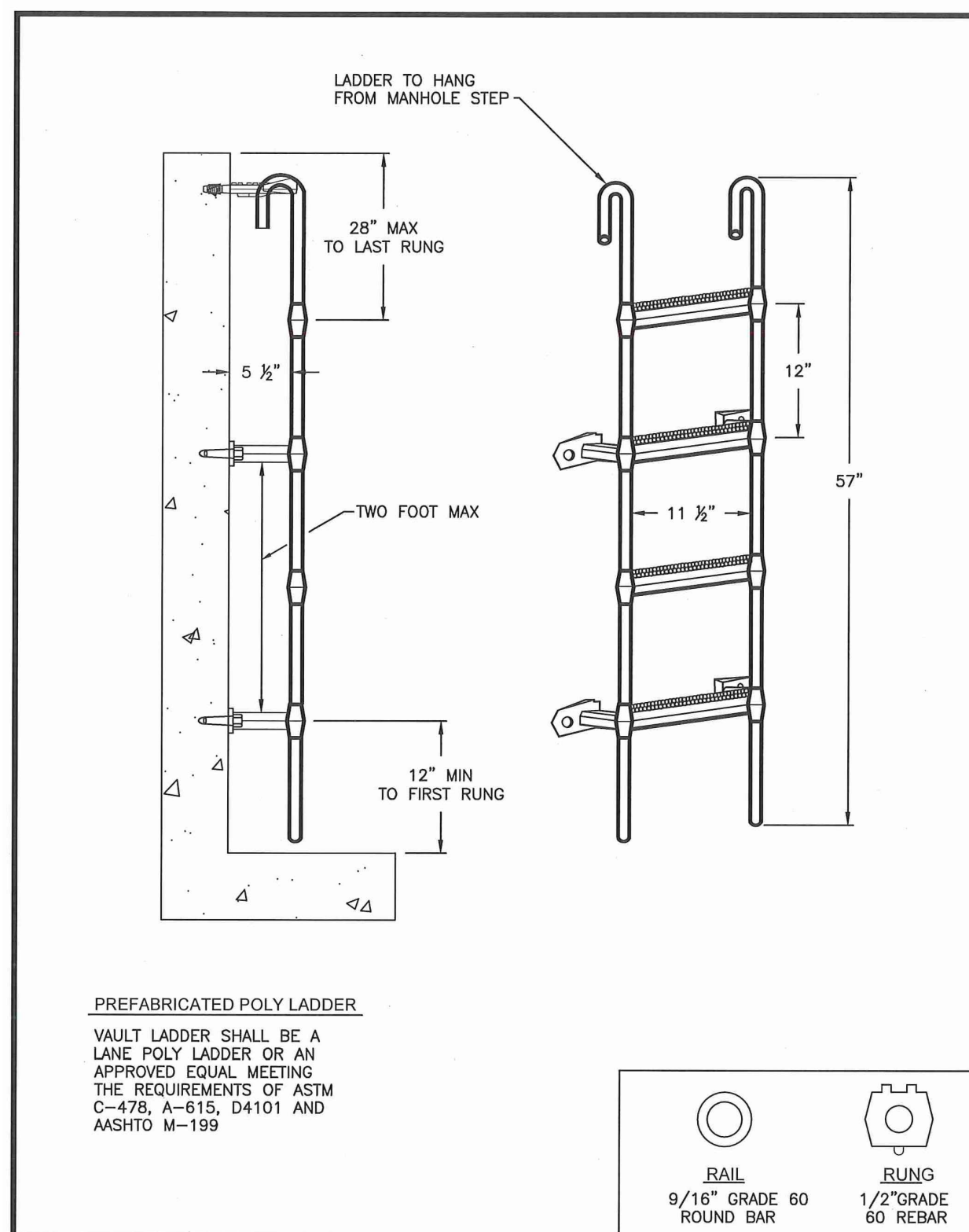
CITY OF PUYALLUP PIPE TRENCHING BEDDING AND BACKFILL

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
3/16/17	3/16/17	3/16/17	06.01.01



CITY OF PUYALLUP MANHOLE STEP AND HANDHOLD

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
3/16/17	3/16/17	3/16/17	06.01.03



CITY OF PUYALLUP MANHOLE LADDER

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
3/16/17	3/16/17	3/16/17	06.01.04

SEWER NOTES:

- ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
- AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE SEWER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- MINIMUM GRADE ON ALL 4 INCH RESIDENTIAL SIDE SEWERS SHALL BE 2 PERCENT AND ALL 6 INCH COMMERCIAL SIDE SEWERS SHALL BE 1 PERCENT; MAXIMUM SHALL BE 8 PERCENT. ALL SIDE SEWERS SHALL BE 6 INCHES WITHIN CITY RIGHT-OF-WAY.
- SIDE SEWERS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD NOS. 04.03.01, 04.03.02, 04.03.03 AND 04.03.04. SIDE SEWER INSTALLATION WORK SHALL BE DONE IN ACCORDANCE WITH THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WISHA).
- ALL SEWER PIPE SHALL BE PVC, POLYPROPYLENE, OR DUCTILE IRON. PVC SEWER PIPE SHALL CONFORM TO ASTM D-3034, SDR35 FOR PIPE SIZES 15-INCH AND SMALLER AND ASTM F679 FOR PIPE SIZES 18- TO 27-INCH. DUCTILE IRON PIPE SHALL BE CLASS 51 OR GREATER, LINED WITH PROTECTO 401TM EPOXY LINING OR EQUIVALENT, UNLESS OTHERWISE NOTED. 12-INCH THROUGH 30-INCH POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED,

- HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-05.2(4). IT SHALL MEET OR EXCEED ASTM F2764. 36-INCH THROUGH 60-INCH PP PIPE SHALL BE TRIPLE WALLED AND MEET WSDOT 9-05.2(4). IT SHALL MEET OR EXCEED ASTM F2764. PP SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PPI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. TESTING SHALL BE PER ASTM F1417. TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 06.01.01. MINIMUM COVER ON PVC AND PP PIPE SHALL BE 3.0 FEET. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
- SANITARY SEWER MANHOLES FRAMES AND COVERS SHALL CONFORM TO CITY STANDARD NO. 06.01.02.
- SANITARY SEWER MANHOLES SHALL CONFORM TO CITY STANDARD NOS. 04.01.01, 04.01.02, 04.01.03 AND 04.01.04. ALL MANHOLES SHALL BE CHANNIELED FOR FUTURE LINES AS SPECIFIED ON THESE PLANS. MANHOLE STEPS AND LADDER SHALL CONFORM TO STANDARD NO. 06.01.03.
- SANITARY SEWER PIPE AND SIDE SEWERS SHALL BE 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES WITH THE EXCEPTION OF SIDE SEWERS THAT PROVIDE SERVICE TO A SINGLE-FAMILY RESIDENCE. AT THE DISCRETION OF THE REVIEW ENGINEER, A LICENSED PROFESSIONAL ENGINEER WILL BE REQUIRED TO STAMP THE DESIGN TO ACCOUNT FOR DEPTH OR PROXIMITY TO FOUNDATION, STEEP SLOPES, OR OTHER FACTORS.
- NO SIDE SEWERS SHALL BE CONNECTED TO ANY HOUSE OR BUILDING UNTIL ALL MANHOLES ARE ADJUSTED TO THE FINISHED GRADE OF THE COMPLETED ASPHALT ROADWAY AND THE ASPHALT PATCH AND SEAL AROUND THE RING ARE ACCEPTED.
- FOR COMMERCIAL DEVELOPMENTS IN WHICH SOURCES OF GREASE AND/OR OILS MAY BE INTRODUCED TO THE CITY SANITARY SEWER SYSTEM, A CITY APPROVED GREASE INTERCEPTOR SHALL BE INSTALLED DOWNSTREAM FROM THE SOURCE.
- ONCE SEWER AND ALL OTHER UTILITY CONSTRUCTION IS COMPLETED, ALL SANITARY SEWER MAINS AND SIDE SEWERS SHALL BE TESTED PER SECTION 406 OF THE CITY STANDARDS.

APPROVED

BY _____ CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.

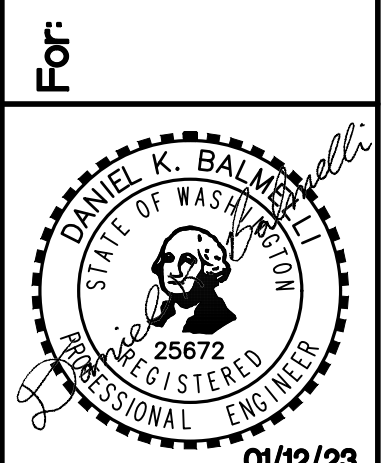
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.

FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

No.	Date	By	Appr.	Revision
7	01/12/23	JEP	AS	RECORD DRAWING

CONSTRUCTION NOTES AND DETAILS FOR GERMAINE KORUM CENTER

STEP BY STEP PO BOX 488 MILTON, WA 98354 PHONE: 253-896-0903



Scale: Horizontal Vertical

Designed AS: ZTW

Drawn ZTW

Checked ZTW

Approved DKB

Date 01/12/23

18215 72ND AVENUE SOUTH KENT, WA 98032 (425)251-6222 FAX (425)251-8782

CIVIL ENGINEERING, LAND PLANNING, SURVEYING, ENVIRONMENTAL SERVICES



Job Number 17376

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