

SW 1/4, SECTION 4, TOWNSHIP 19N, RANGE 4E, W.M.

TRANSPORTATION RESTROOM PORTABLE RE-LOCATION

1501 39TH AVE SW
PUYALLUP, WA 98373

APPROVED
BY *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE 12/04/2020
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.
CITY OF PUYALLUP CIVIL PERMIT
NUMBER E-20-0393

ARCHITECT
studio MENG STRAZZARA
www.studiomeng.com
2001 Western Ave
Suite # 200
Seattle, WA 98121
P: 206.587.3797
F: 206.587.0588
CONSULTANT

PROJECT INFORMATION:

SITE ADDRESS: 1501 39TH AVE SW, PUYALLUP, WA 98373
PARCEL NO. 0419043117 (18.93 ACRES)
ZONING: PF (PUBLIC FACILITIES)
OWNER CONTACT: PUYALLUP SCHOOL DISTRICT NO. 3
323 12TH ST NW
PUYALLUP, WA 98371
LAND USE: PUYALLUP SCHOOL DISTRICT SUPPORT OPERATIONS
100-YEAR FLOODPLAIN: N/A - ZONE 'X' PER FEMA MAP PANEL NUMBERS 53053C0341E
SCOPE OF WORK: INSTALLATION OF ONE PORTABLE RESTROOM BUILDING
(ONE PORTABLE=25'-2"x12'-0" FOOTPRINT, ±27'-2"x14'-0" ROOF AREA)
NEW/REPLACED HARD SURFACE: PORTABLE BUILDING (ROOF AREA) - 380 S.F.
STAIRS AND LANDING - 160 S.F.
CONCRETE SIDEWALK - 98 S.F.
TRENCHING - 188 S.F.
TOTAL - 826 S.F.

PREPARED FOR:

PUYALLUP SCHOOL DISTRICT NO. 3

323 12TH ST NW
PUYALLUP, WA 98371
CONTACT: MR. MIKE MEADOWS, (253) 841-8641

PREPARED BY:

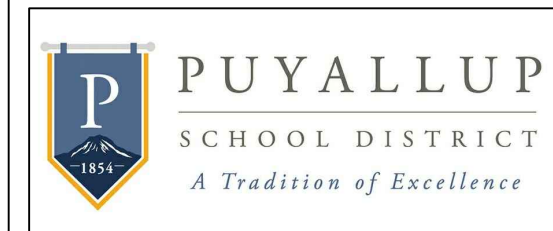
SITTS & HILL ENGINEERS, INC.

CIVIL ■ STRUCTURAL ■ SURVEYING
4815 CENTER STREET, TACOMA, WA. 98409 (253) 474-9449 FAX (253) 474-0153
CONTACT: RICK HAND, P.E.

INDEX OF DRAWINGS:

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CLIENT/OWNER



TITLE
TRANSPORTATION
RESTROOM
RE-LOCATION

1501 39TH AVE SW,
PUYALLUP, WA 98373

STAMP



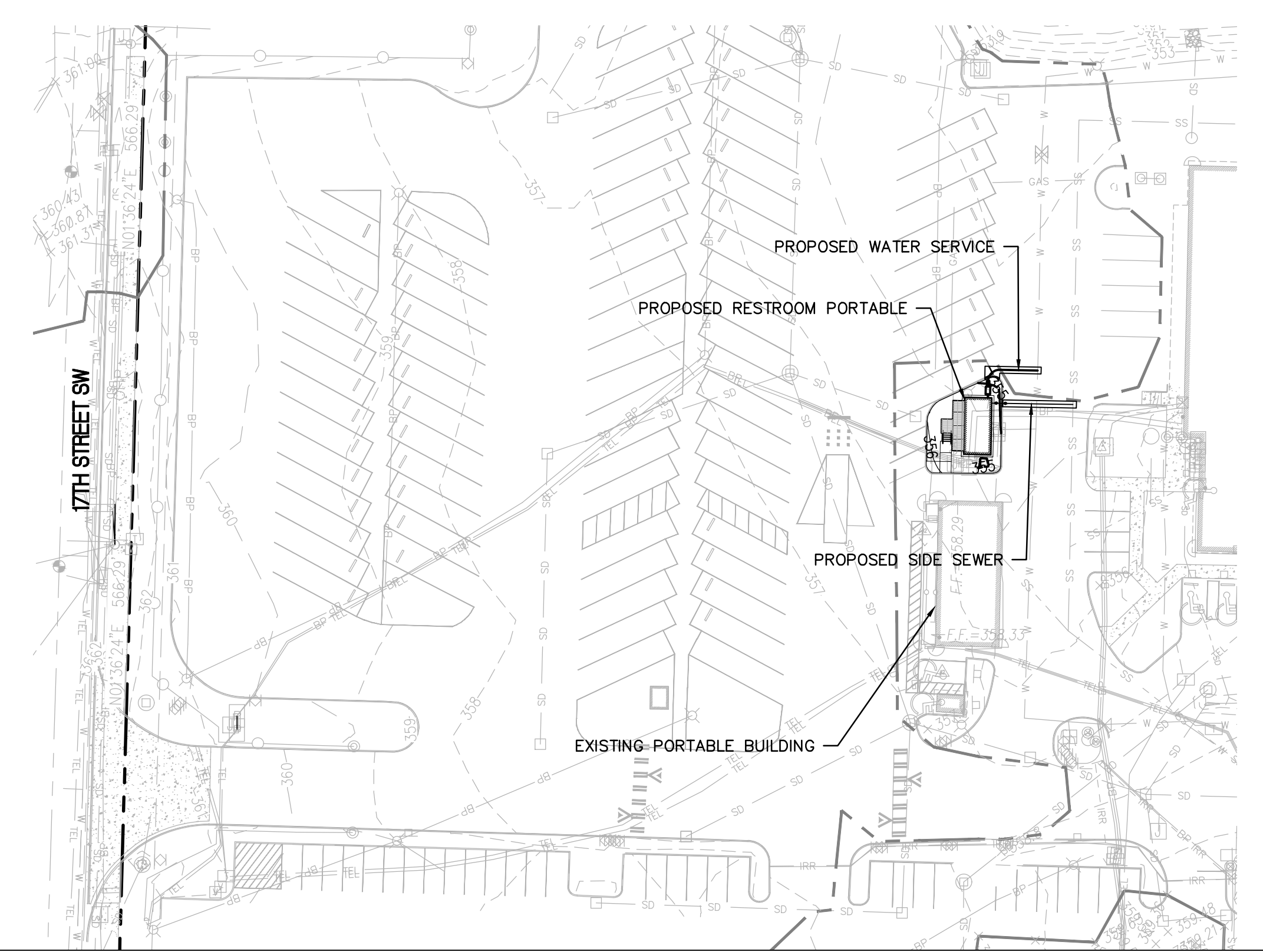
ISSUED: _____ DATE: _____
PERMIT SUBMITTAL AUGUST 18, 2020
PERMIT RESUBMITTAL OCT. 23, 2020

COVER SHEET

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 19113
Drawn By _____
Checked By _____

SHEET 1 OF 9
C0.0TR

OVERALL SITE PLAN:



VICINITY MAP:



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PHONE: (253) 474-9449 | FAX: (253) 474-0153
http://www.sitts-hill-engineers.com/

Project No.:	18,719	Project Mgr.:	R.H.
Proj. Engineer:	V.S.	Proj. Drafter:	V.S.

CITY OF PUYALLUP 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.

POLLUTION PREVENTION NOTES

- EQUIPMENT LUBRICATION AND FUELING OPERATIONS SHALL OCCUR AT EXISTING PAVED AREAS.
- PREVENT OILS AND FUELS FROM ENTERING THE STORM DRAINAGE SYSTEM WITH PROPER CONTAINMENT DEVICES.
- ACCESS TO CONSTRUCTION IS VIA ADJACENT EXISTING PAVED STREETS. SWEEP DIRT FROM PAVING DAILY OR AS NEEDED. THE INTENT IS TO PREVENT DIRT AND DEBRIS FROM VEHICLES AND EQUIPMENT FROM BEING DEPOSITED ON CITY STREET PAVEMENT.

PLASTIC COVERING NOTES

- PLASTIC SHEETING SHALL HAVE A MINIMUM THICKNESS OF 6 MILS AND SHALL MEET THE REQUIREMENTS OF THE STATE STANDARD SPECIFICATIONS SECTION 9-14.6(3).
- COVERING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 10-FOOT GRID SPACING IN ALL DIRECTIONS. ALL SEAMS SHALL BE TAPED OR WEIGHTED DOWN FULL LENGTH AND THERE SHALL BE AT LEAST A 12-INCH OVERLAP OF ALL SEAMS.
- CLEAR PLASTIC COVERING SHALL BE INSTALLED IMMEDIATELY ON AREAS SEEDED BETWEEN NOVEMBER 1 AND MARCH 31 AND REMAIN UNTIL VEGETATION IS FIRMLY ESTABLISHED.
- WHEN THE COVERING IS USED ON UN-SEEDED SLOPES, IT SHALL BE KEPT IN PLACE UNTIL THE NEXT SEEDING PERIOD.
- PLASTIC COVERING SHEETS SHALL BE BURIED TWO FEET AT THE TOP OF SLOPES IN ORDER TO PREVENT SURFACE WATER FLOW BENEATH SHEETS.
- PROPER MAINTENANCE INCLUDES REGULAR CHECKS FOR RIPS AND DISLODGED ENDS.

CATCH BASIN PROTECTION NOTES

- CATCH BASIN INSERTS SHALL BE PROVIDED IN THE CATCH BASINS NOTED ON THE PLANS.
- AT ALL PROPOSED CATCH BASINS, CATCH BASIN PROTECTION SHALL BE INSTALLED IMMEDIATELY UPON CATCH BASIN INSTALLATION AND SHALL REMAIN UNTIL FINAL SITE STABILIZATION.
- CATCH BASIN INSERT SHALL BE BOWHEAD STREAMGUARD CATCH BASIN INSERT #3003, ADVANCED ENVIRONMENTAL SOLUTIONS DRAINAGUARD CATCH BASIN FILTER INSERT #11091U, OR APPROVED EQUAL.
- CATCH BASIN INSERTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CATCH BASIN INSERTS WILL BE REMOVED FOLLOWING COMPLETION OF CONSTRUCTION AND STABILIZATION OF ALL CLEARED AREAS.

CITY OF PUYALLUP GRADING, EROSION AND SEDIMENTATION 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.
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- THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
- ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
- ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ONSITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
- THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
- APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
- ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
- IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
- NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

STOCKPILE NOTES

- STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY BETWEEN NOVEMBER 1 AND MARCH 31.
- IN ANY SEASON, SEDIMENT LEACHING FROM STOCK PILES MUST BE PREVENTED.
- TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET OR WHEN CONDITIONS EXIST THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SODDING OR SEEDING.
- PREVIOUSLY ESTABLISHED GRADES ON THE AREAS TO BE TOPSOILED SHALL BE MAINTAINED ACCORDING TO THE APPROVED PLAN.

PROJECT SOURCE CONTROL REQUIREMENTS

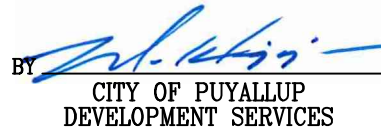
DURING CONSTRUCTION THE PROJECT SHALL COMPLY WITH THE FOLLOWING DEPARTMENT OF ECOLOGY BMPs:

- BMP C101 PRESERVING NATURAL VEGETATION
- BMP C120 TEMPORARY AND PERMANENT SEEDING
- BMP C121 MULCHING
- BMP C123 PLASTIC COVERING
- BMP C125 TOPSOILING/COMPOSTING
- BMP C140 DUST CONTROL
- BMP C150 MATERIALS ON HAND
- BMP C151 CONCRETE HANDLING
- BMP C152 SAWCUTTING AND SURFACING POLLUTION PREVENTION
- BMP C153 MATERIAL DELIVERY, STORAGE, AND CONTAINMENT
- BMP C154 CONCRETE WASHOUT AREA
- BMP C160 CERTIFIED EROSION AND SEDIMENT CONTROL LEAD
- BMP C162 SCHEDULING
- BMP C220 INLET PROTECTION

CONSTRUCTION SEQUENCE

OUTLINES THE PROPER SEQUENCE AND MAINTENANCE REQUIREMENTS FOR ESC IN CONJUNCTION WITH THE CONSTRUCTION OF THE PROJECT. INCLUDES THE FOLLOWING, AS APPLICABLE:

- HOLD A PRECONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.
- ESTABLISH CLEARING AND GRADING LIMITS.
- INSTALL TESC BMP'S.
- SCHEDULE AN EROSION CONTROL INSPECTION WITH THE CITY.
- LOCATE EXISTING UTILITIES.
- INSTALL NEW WATER AND SANITARY SEWER SERVICES.
- INSTALL PORTABLE BUILDING PAD.
- INSTALL PORTABLE BUILDING, RAMP AND WALKS.
- PROVIDE SPLASH BLOCK PAD.
- COMPLETE SURFACING RESTORATION.
- OBTAIN PROJECT APPROVAL.
- REMOVE TESC BMP'S.

APPROVED

 BY
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE 12/04/2020
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CITY OF PUYALLUP CIVIL PERMIT
 NUMBER E-20-0393

ARCHITECT

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STRAZZARA
 ARCHITECTURE PLANNING CONSULTING
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CONSULTANT

CLIENT/OWNER

 **PUYALLUP**
 SCHOOL DISTRICT
A Tradition of Excellence

TITLE
**TRANSPORTATION
 RESTROOM
 RE-LOCATION**

1501 39TH AVE SW,
 PUYALLUP, WA 98373

STAMP



ISSUED: DATE:

PERMIT SUBMITTAL AUGUST 18, 2020
 PERMIT RESUBMITTAL OCT. 23, 2020

GENERAL NOTES

Building Permit #: -

Site Permit #: -

Owner's Project #: -

Architect's Project #: 19113

Drawn By

Checked By

SHEET 2 OF 9

C0.1TR

**SITTS & HILL
 ENGINEERS, INC.**
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Project No.:	18,719	Project Mgr.:	R.H.
Proj. Engineer:	V.S.	Proj. Drafter:	V.S.



CITY OF PUYALLUP STORMWATER NOTES


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- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- DURING CONSTRUCTION, ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.
- ALL STORM MANHOLES SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.01. FLOW CONTROL MANHOLE/OIL WATER SEPARATOR SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.06 AND 02.01.07.
- MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL 06.01.02.
- CATCH BASINS TYPE I SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.02 AND 02.01.03 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
- CATCH BASINS TYPE II SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.04 AND SHALL BE USED FOR DEPTHS GREATER THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
- CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAIL NO.02.01.05. GRATE SHALL BE MARKED WITH 'DRAINS TO STREAM'. SOLID CATCH BASIN LIDS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30.20-04 (OLYMPIC FOUNDRY NO. SM60 OR EQUAL). VANED GRATES SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-03 (OLYMPIC FOUNDRY NO. SM60V OR EQUAL).
- STORMWATER PIPE SHALL BE ONLY PVC, CONCRETE, DUCTILE IRON, OR DUAL WALLED POLYPROPYLENE PIPE.
 - THE USE OF ANY OTHER TYPE SHALL BE REVIEWED AND APPROVED BY THE ENGINEERING SERVICES STAFF PRIOR TO INSTALLATION.
 - PVC PIPE SHALL BE PER ASTM D3034, SDR 35 FOR PIPE SIZE 15-INCH AND SMALLER AND F679 FOR PIPE SIZES 18 TO 27 INCH. MINIMUM COVER ON PVC PIPE SHALL BE 3.0 FEET.
 - CONCRETE PIPE SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS FOR CONCRETE UNDERDRAIN PIPE. MINIMUM COVER ON CONCRETE PIPE SHALL NOT BE LESS THAN 3.0 FEET.
 - DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
 - POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED, HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-05.24(1). 12-INCH THROUGH 30-INCH PIPE SHALL MEET OR EXCEED ASTM F2736 AND AASHTO M330, TYPE S, OR TYPE D. 36-INCH THROUGH 60-INCH PIPE SHALL MEET OR EXCEED ASTM F2881 AND AASHTO M330, TYPE S, OR TYPE D. TESTING SHALL BE PER ASTM F1417. MINIMUM COVER OVER POLYPROPYLENE PIPE SHALL BE 3 FEET.
- TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL NO. 06.01.01.
- STORM PIPE SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- ALL STORM DRAIN MAINS SHALL BE TESTED AND INSPECTED FOR ACCEPTANCE AS OUTLINED IN SECTION 406 OF THE CITY OF PUYALLUP SANITARY SEWER SYSTEM STANDARDS.
- ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.

CITY OF PUYALLUP SANITARY 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 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 CITY OF PUYALLUP - CITY STANDARDS SANITARY SEWER REVISED 10/2019 400-B 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 9-05.24(2). IT SHALL MEET OR EXCEED ASTM F2764. 36-INCH THROUGH 60-INCH PP PIPE SHALL BE TRIPLE WALLED AND MEET WSDOT 9-05.24(2). IT SHALL MEET OR EXCEED ASTM F2764. PP SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PII 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 MANHOLE 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 CHANNELLED 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.
- 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.

CITY OF PUYALLUP WATER SYSTEM 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 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 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"), OR AS DIRECTED BY FRUITLAND MUTUAL WATER COMPANY (FMWC), VALLEY WATER (VW), OR TACOMA CITY WATER (TCW) IS THE PURVEYOR.
- 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, THE ENGINEERING SERVICES STAFF, FMWC, VW, OR TCW WHEN SERVED BY THAT PURVEYOR 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.
- BACTERIOLOGICAL (COLIFORM AND IRON BACTERIA) TEST SAMPLES WILL BE TAKEN BY THE CITY (OR FMWC, VW, TCW WHEN SERVED BY THAT PURVEYOR) AND PAID FOR BY THE CONTRACTOR, EXCEPT FOR CAPITOL IMPROVEMENT PROJECTS (CIP) WHICH SHALL BE PAID FOR BY THE CITY.
- WATER MAINS SHALL HAVE A MINIMUM COVER OF 3 INCHES FROM PAVED FINAL GRADE IN IMPROVED RIGHT-OF-WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48INCHES IN UNIMPROVED RIGHT-OF-WAY AND UNIMPROVED EASEMENTS.
- PIPE FOR WATER MAINS SHALL BE DUCTILE IRON CONFORMING TO SECTION 7-09 OF THE STANDARD SPECIFICATIONS, CLASS 52 WITH TYTON OR APPROVED EQUAL JOINTS. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH A.S.A. SPECIFICATION A 21.4-1964.
- CONNECTIONS TO EXISTING WATER MAINS TYPICALLY SHALL BE WET TAPS THROUGH A TAPPING TEE AND TAPPING VALVE AND SHALL BE MADE BY A CITY APPROVED CONTRACTOR. THE TAPPING SLEEVE SHALL BE ROMAC SST ALL STAINLESS STEEL TAPPING SLEEVE OR APPROVED EQUAL. A TWO-PIECE EPOXY COATED OR DUCTILE IRON TAPPING SLEEVE MAY BE USED ON DUCTILE IRON PIPE. WHEN THE TAP IS SMALLER THAN THE WATER MAIN SIZE I.E. 6 INCH TAP ON 8 INCH PIPE. THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) SHALL APPROVE THE TIME AND LOCATION FOR THESE CONNECTIONS.
- ALL WATER MAINS AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 200 PSI IN ACCORDANCE WITH STANDARD SPECIFICATION 7-09.3(23). PIERSURE TESTING SHALL NOT BE PERFORMED UNTIL SATISFACTORY PURITY SAMPLES HAVE BEEN RECEIVED, EXCEPT WHEN NEW WATER MAINS ARE INSTALLED INDEPENDENTLY FROM THE WATER SYSTEM PIPING.
- FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 03.05.01 AND AS DIRECTED BY THE CITY OF PUYALLUP FIRE CODE OFFICIAL.
- VALVE MARKER POSTS SHALL BE INSTALLED WHERE VALVE BOXES ARE HIDDEN FROM VIEW OR IN UNPAVED AREAS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL 03.01.02.
- RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR 10-INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN 10 INCHES.
- PIPE FITTING FOR WATER MAINS SHALL BE DUCTILE IRON AND SHALL BE MECHANICAL JOINT CONFORMING TO AWWA SPECIFICATION C111-72.
- WATER MAIN PIPE AND SERVICE CONNECTIONS SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
- WHERE A WATER MAIN CROSSES THE NORTHWEST GAS PIPELINE, THE WATER LINE SHALL BE CASED WITH PVC PIPE A MINIMUM OF 10 FEET BEYOND EACH SIDE OF THE GAS LINE EASEMENT. CONTACT WILLIAMS NORTHWEST PIPELINE BEFORE THE CROSSING IS MADE.
- TRENCHING, BEDDING, AND BACKFILL FOR WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 06.01.01.
- ALL COMMERCIAL AND INDUSTRIAL DEVELOPMENTS, IRRIGATION SYSTEMS, AND MULTI-FAMILY WATER SERVICE CONNECTIONS SHALL BE PROTECTED BY A DOUBLE CHECK VALVE ASSEMBLY OR A REDUCED PRESSURE BACKFLOW ASSEMBLY AS DIRECTED BY THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) CONFORMING TO CITY STANDARD DETAILS 03.04.01, 03.04.02, AND 03.04.03.
- ANY LEAD JOINT FITTING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH A MECHANICAL JOINT FITTING AT THE CONTRACTOR'S EXPENSE.
- WHEN HYDRAULIC FIRE FLOW MODELING IS REQUIRED FOR A PROJECT, THE CITY WILL ISSUE A PERMIT. THE HYDRAULIC MODELING CRITERIA IS BASED ON THE PROJECTED 2030 WATER DEMAND, WHILE MAINTAINING A MINIMUM SYSTEM PRESSURE OF 20 POUNDS PER SQUARE INCH AND A MAXIMUM VELOCITY OF 10 FEET PER SECOND.
- WHEN FILLING A NEW WATER MAIN FOR PURITY WITH HIGHLY CONCENTRATED CHLORINE WATER, THAT 'SUPER' CHLORINATED WATER CANNOT SIT INSIDE THE NEW WATER MAIN FOR GREATER THAN 5 DAYS.
- WHEN USING A FIRE HYDRANT FOR NON-FIREFIGHTING PURPOSES, A CITY HYDRANT METER MUST BE USED. COORDINATE THE ACQUISITION OF THE HYDRANT METER WITH THE CITY'S UTILITY BILLING DIVISION AT PUYALLUP CITY HALL. A CITY APPROVED BACKFLOW PROTECTION ASSEMBLY SHALL BE INSTALLED BY THE PERSON REQUESTING USE OF A FIRE HYDRANT. THE ASSEMBLY SHALL BE ACCOMPANIED BY A CURRENT BACKFLOW ASSEMBLY TEST REPORT. THE TEST REPORT SHALL BE AVAILABLE AT THE SITE FOR THE DURATION OF THE HYDRANT USE.

APPROVED
 BY 
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE 12/04/2020
 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.

CITY OF PUYALLUP CIVIL PERMIT
 NUMBER E-20-0393

ARCHITECT

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 2001 Western Ave
 Suite # 200
 Seattle, WA 98121
 P: 206.587.3797
 F: 206.587.0568

CONSULTANT


CLIENT/OWNER



PUYALLUP
 SCHOOL DISTRICT
 A Tradition of Excellence

TITLE
**TRANSPORTATION
 RESTROOM
 RE-LOCATION**

1501 39TH AVE SW,
 PUYALLUP, WA 98373

STAMP

 RICHARD C. HILL
 ENGINEER
 REGISTERED
 10/23/2020

ISSUED: _____ DATE: _____
 PERMIT SUBMITTAL AUGUST 18, 2020
 PERMIT RESUBMITTAL OCT. 23, 2020

GENERAL NOTES

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: **19113**
 Drawn By _____
 Checked By _____

**SITTS & HILL
 ENGINEERS, INC.**
 CIVIL • STRUCTURAL • SURVEYING
 4915 CENTER STREET | TACOMA, WA, 98409
 PHONE: (253) 474-9449 | FAX: (253) 474-0153
 http://www.sitts-hill-engineers.com/

Project No.:	18,719	Project Mgr.:	R.H.
Proj. Engineer:	V.S.	Proj. Drafter:	V.S.



SHEET 3 OF 9
C0.2TR

APPROVED
 BY: *[Signature]*
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE: 12/04/2020
 NOTE:
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 180 DAYS FROM APPROVAL DATE.
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ARCHITECT
 studio MENG STRAZZARA
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CONSULTANT
 CLIENT/OWNER
 PUYALLUP SCHOOL DISTRICT
 A Tradition of Excellence

TITLE
 TRANSPORTATION
 RESTROOM
 RE-LOCATION
 1501 39TH AVE SW,
 PUYALLUP, WA 98373

STAMP
 RICHARD C. HAIN
 STATE OF WASHINGTON
 REGISTERED PROFESSIONAL ENGINEER
 10/23/2020

ISSUED: _____ DATE: _____
 PERMIT SUBMITTAL AUGUST 18, 2020
 PERMIT RESUBMITTAL OCT. 23, 2020

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 19113

DEMOLITION AND
 TESC PLAN

Drawn By _____
 Checked By _____

SHEET 4 OF 9
C1.0TR

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 Project No.: 18,719 Project Mgr.: R.H.
 Proj. Engineer: V.S. Proj. Drafter: V.S.



LEGEND

PROPOSED FEATURES

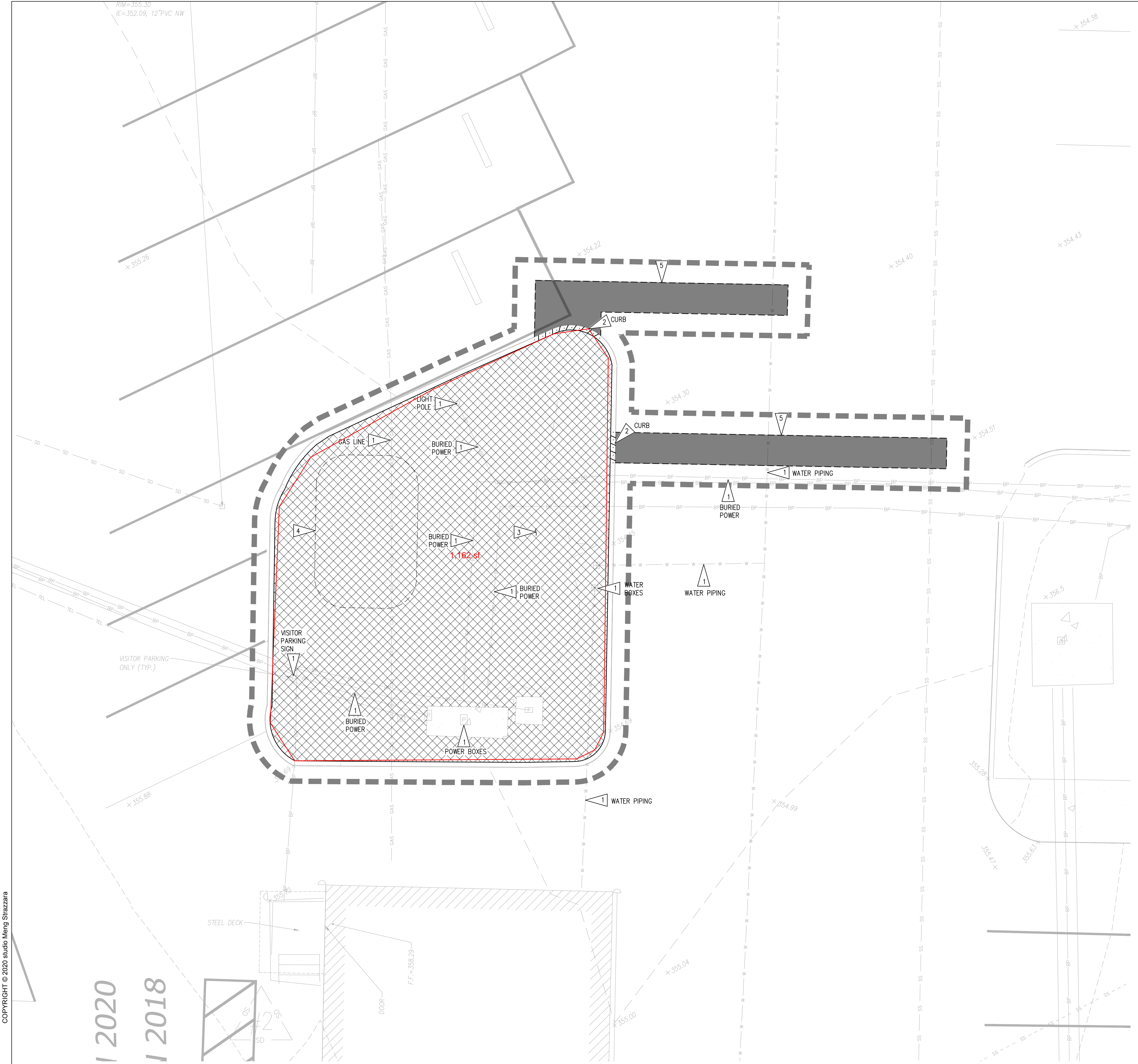
- - - - - DEMOLITION
- - - - - TEMPORARY SOIL STOCKPILE
- - - - - SAWCUT PAVEMENT
- - - - - LIMITS OF WORK
- [Cross-hatched box] STRIP TOP 6" OF SOIL
- [Solid black box] ASPHALT REMOVAL

GENERAL NOTES

1. CONTRACTOR TO INSTALL TEMPORARY FENCING/PLATES TO COVER UTILITY TRENCHES WHEN LEFT OPEN AND UNSUPERVISED.
2. CONTRACTOR TO PROTECT EXISTING FEATURES BEYOND THE LIMITS OF WORK AND REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
3. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS AND KEEP CLEAR AT ALL TIMES DURING CONSTRUCTION.
4. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES AFFECTING THE NEW CONSTRUCTION.
5. SEE SHEET C0.1TR AND C0.2TR FOR APPLICABLE PROJECT NOTES.
6. SEE ELECTRICAL PLAN FOR POWER AND LOW VOLTAGE CONNECTION REQUIREMENTS.
7. CONTRACTOR SHALL REMOVE ALL IRRIGATION COMPONENTS ENCOUNTERED DURING EXCAVATION. IRRIGATION SUPPLY PIPES AND HEADS SHALL BE REROUTED OR RECONFIGURED AS REQUIRED TO RESTORE IRRIGATION SYSTEM TO WORKING ORDER UPON COMPLETION OF CONSTRUCTION.
8. CONTRACTOR SHALL PROVIDE CATCH BASIN PROTECTION PER DETAIL 02/C4.0TR AT ALL CATCH BASINS THAT RECEIVE RUNOFF FROM THE PROJECT AREA.

KEY NOTES

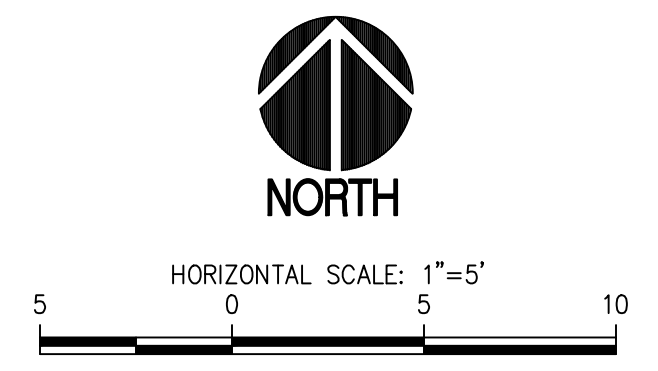
1. PROTECT EXISTING FEATURE TO REMAIN, AS NOTED.
2. DEMOLISH EXISTING FEATURE, AS NOTED, AND DISPOSE OF AT AN APPROVED OFF-SITE LOCATION.
3. REMOVE EXISTING GRASS AND SOIL FROM WITHIN PROPOSED PORTABLE PAD. EXCAVATE TO PROPOSED SUBGRADE DEPTH PER DETAIL 07/C4.0TR. DISPOSE OF AT AN APPROVE OFF-SITE FACILITY.
4. SUGGESTED TEMPORARY SOIL STOCK PILE LOCATION, COORDINATE ACTUAL LOCATION WITH SCHOOL DISTRICT. CONTRACTOR TO PROTECT ALL STOCKPILES AS NEEDED TO PREVENT EROSION PER DETAIL 01/C4.0TR, AND EMPLOY EROSION CONTROL BMPs IN ACCORDANCE WITH GENERAL NOTES ON SHEET C0.1TR.
5. SAWCUT ASPHALT PAVEMENT FULL DEPTH. COORDINATE TRENCHING IN PAVEMENT FOR UTILITIES WITH C3.0TR.



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DEMOLITION AND TESC PLAN
 SCALE: 1"=5'



APPROVED
 BY: *[Signature]*
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE: 12/04/2020

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

THE CITY WILL NOT BE
 RESPONSIBLE FOR ERRORS AND/OR
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FIELD CONDITIONS MAY DICTATE
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 SERVICES MANAGER.

ARCHITECT
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CONSULTANT


CITY OF PUYALLUP CIVIL PERMIT
 NUMBER E-20-0393

CLIENT/OWNER

 PUYALLUP
 SCHOOL DISTRICT
 A Tradition of Excellence

TITLE
 TRANSPORTATION
 RESTROOM
 RE-LOCATION

1501 39TH AVE SW,
 PUYALLUP, WA 98373

STAMP


ISSUED: _____ DATE: _____
 PERMIT SUBMITTAL AUGUST 18, 2020
 PERMIT RESUBMITTAL OCT. 23, 2020

SURFACING,
 LAYOUT AND
 GRADING PLAN

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 19113

Drawn By _____
 Checked By _____

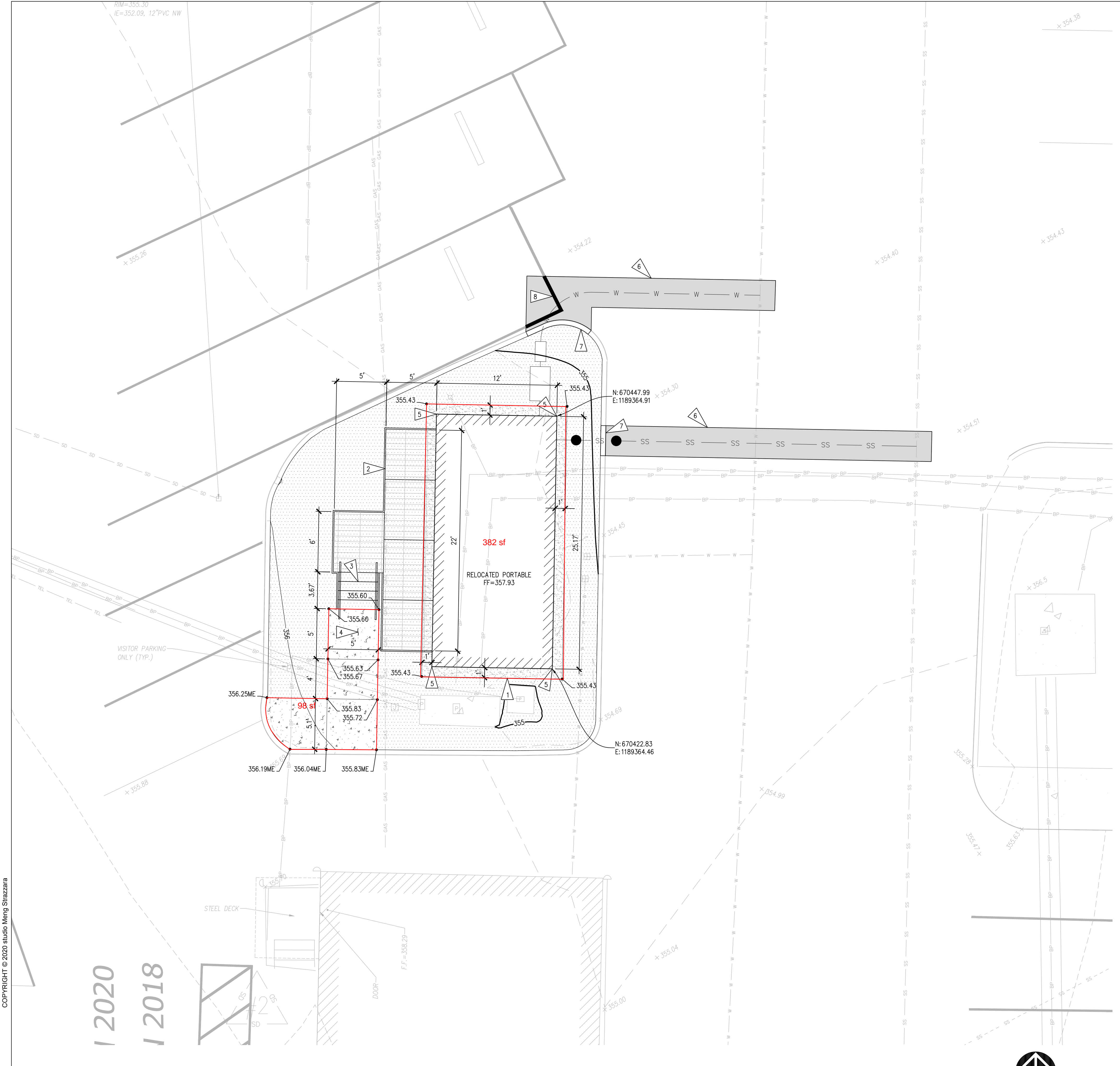
SHEET 5 OF 9
C2.0TR

LEGEND

PROPOSED FEATURES	ABBREVIATIONS
GRAVEL PAD WITH 6" OF CSTC PER DETAIL 07/C4.0TR	FF FINISHED FLOOR
RESTORE ASPHALT PAVEMENT PER DETAIL 03/C4.0TR	DS DOWN SPOUT
CONCRETE SIDEWALK PAVEMENT PER DETAIL 06/C4.0TR	ME MATCH EXISTING
CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C4.0TR	
TURFGRASS HYDROSEED OVER COMPOST AMENDED TOPSOIL PER DETAIL 01.02.08a/C4.0TR	
PRE-MANUFACTURED METAL LANDINGS	

- GENERAL NOTES**
- CONTRACTOR IS RESPONSIBLE TO PROTECT EXISTING UTILITY/COVERS BY ANY MEANS NECESSARY (SUCH AS METAL PLATES, ETC.) DURING PORTABLE INSTALLATION. DAMAGED SURFACE FEATURES OR UTILITIES SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - IT IS CRITICAL TO INSTALL THE GRAVEL PADS AND PROPOSED PORTABLE FINISHED FLOORS AT THE ELEVATIONS SHOWN ON THIS PLAN SHEET.**
 - CONTRACTOR TO PROVIDE STAKING OF BUILDING CORNERS FOR PLACEMENT OF PORTABLE. SEE NORTHINGS AND EASTINGS ON THIS SHEET. COORDINATE WITH PUYALLUP SCHOOL DISTRICT AND ENGINEER WHEN THIS IS TO BE COMPLETED.
 - SEE ELECTRICAL FOR BURIED POWER AND COMMUNICATION CONDUIT AND TRENCH INSTALLATION REQUIREMENTS.
 - CONTRACTOR SHALL VERIFY DIMENSIONS OF ALL PRE-MANUFACTURED METAL STAIRS AND LANDINGS PRIOR TO PLACEMENT OF PORTABLES AND CONCRETE LANDINGS.
 - APPROXIMATE ELEVATIONS NOTED. CONTRACTOR SHALL TAKE MEASUREMENT OF RELOCATED PORTABLE FROM TOP OF FOOTING TO FINISH FLOOR. ELEVATION OF GRAVEL PAD AND CONCRETE LANDINGS SHALL BE SET BASED ON PROPOSED FINISH FLOOR ELEVATION MINUS THIS MEASUREMENT.
 - CONTRACTOR SHALL RESTORE WITH GRASS ALL SURFACES DISTURBED AS A RESULT OF CONSTRUCTION ACTIVITIES, EXCLUDING THE BUILDING, GRAVEL PAD, CONCRETE, STAIRS, AND LANDINGS PER CITY OF PUYALLUP STANDARD DETAIL 01.02.08a ON SHEET C4.0TR.
 - CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION FOR ALL SEEDED SURFACES UNTIL VEGETATION IS ESTABLISHED.

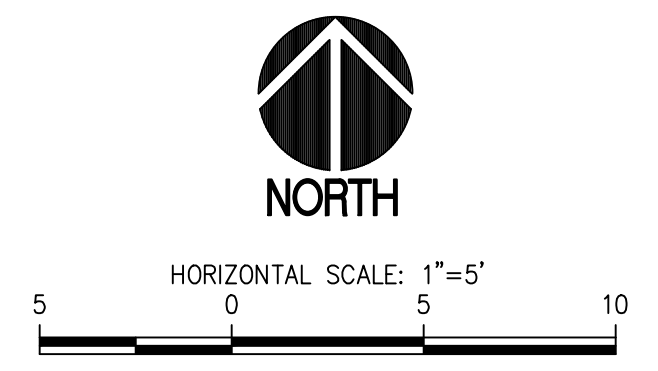
- KEY NOTES**
- GRAVEL PAD CRUSHED SURFACE TOP COURSE PER WSDOT 9-03.9(3) AS NECESSARY, ASSUME 6", TO PREPARE PORTABLE PAD. GRADE PRIOR TO PLACEMENT OF PORTABLE TO ENSURE FLAT PAD. COMPACT PAD TO 95% MAX DRY DENSITY PRIOR TO AND AFTER PLACING CSTC. SEE DETAIL 07/C4.0TR.
 - PRE-MANUFACTURED METAL LANDING AT PRIMARY BUILDING DOORS, PER ARCHITECTURAL PLANS.
 - PRE-MANUFACTURED METAL STAIRS LEADING FROM METAL LANDING TO PROPOSED CONCRETE LANDINGS, WITH FOUR (4) 7" RISERS.
 - CONCRETE LANDING AT BASE OF PROPOSED PRE-MANUFACTURED METAL STAIRS, SEE DETAIL 06/C4.0TR.
 - INSTALL CONCRETE SPLASH BLOCK AT DOWNSPOUTS.
 - RESTORE ASPHALT PAVEMENT AT PROPOSED UTILITY TRENCHES PER DETAILS 03 & 04/C4.0TR, MATCH EXISTING GRADES.
 - INSTALL CAST-IN-PLACE CONCRETE CURB PER DETAIL 05/C4.0TR, MATCH EXISTING GRADES.
 - RESTORE PARKING STALL PAINT STRIPING.



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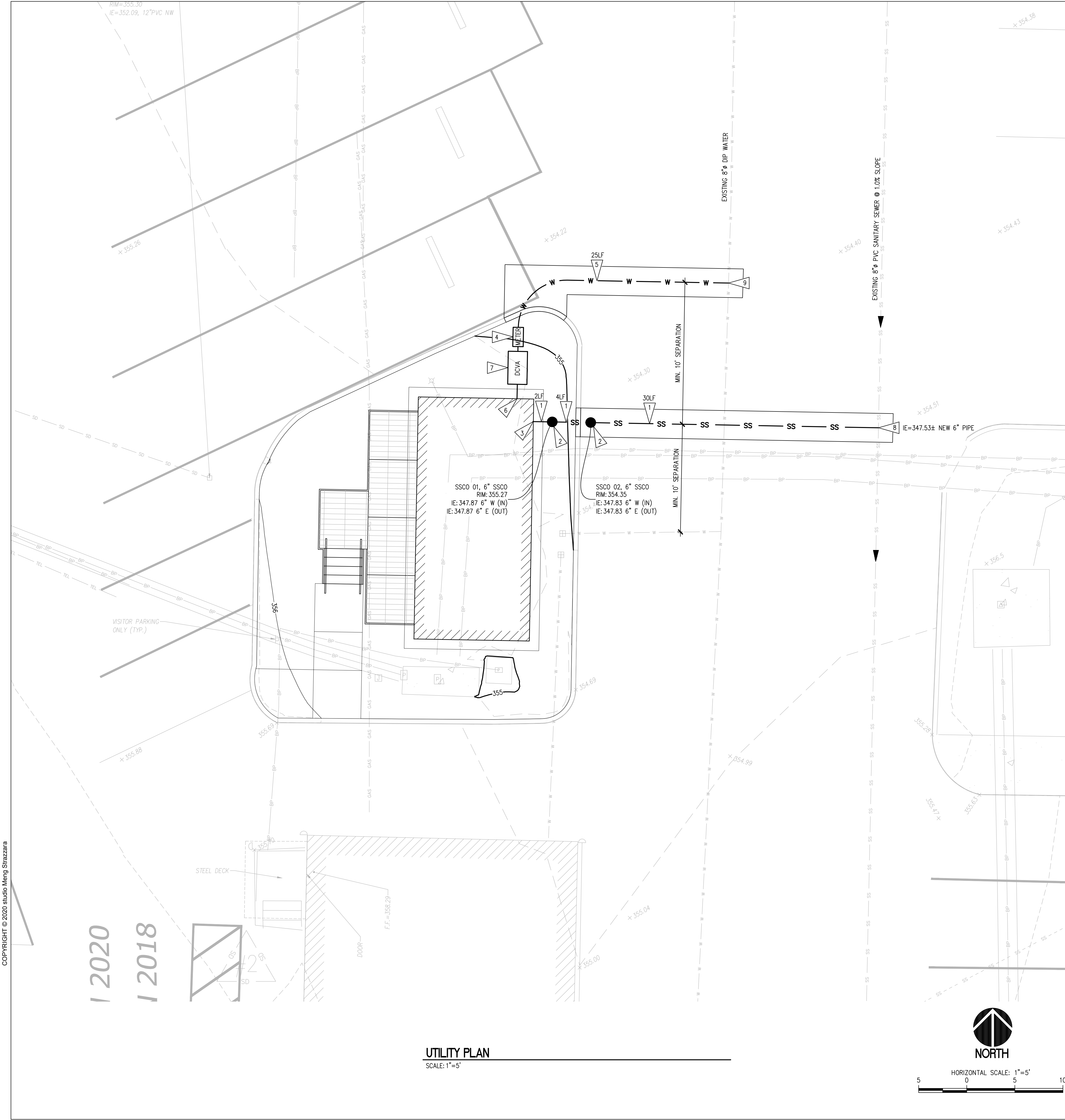
SURFACING, LAYOUT AND GRADING PLAN
 SCALE: 1"=5'



**SITTS & HILL
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Project No.: 18,719 Project Mgr.: R.H.
 Proj. Engineer: V.S. Proj. Drafter: V.S.

811 Call 811
 two business days
 before you dig



APPROVED
 BY *[Signature]*
 FRUITLAND MUTUAL WATER COMPANY
 DATE 12/04/2020

NOTE: THIS APPROVAL IS VOID AFTER 1 YEAR FROM APPROVAL DATE. WATER PURVEYOR WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS AS FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE WATER PURVEYOR.

APPROVED
 BY *[Signature]*
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE 12/04/2020

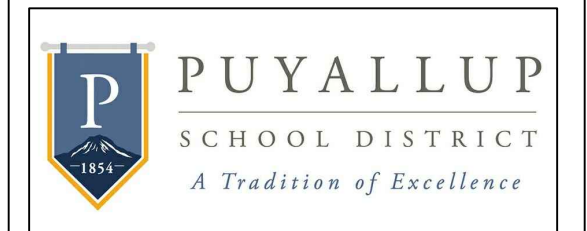
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE ENGINEERING SERVICES MANAGER.

CITY OF PUYALLUP CIVIL PERMIT NUMBER E-20-0393

ARCHITECT
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 2901 Western Ave
 Suite # 200
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 P: 206.587.3792
 F: 206.587.0588

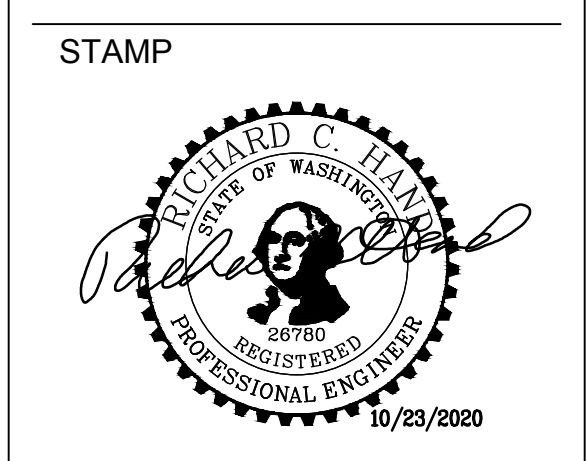
CONSULTANT

CLIENT/OWNER



TITLE
 TRANSPORTATION
 RESTROOM
 RE-LOCATION

1501 39TH AVE SW,
 PUYALLUP, WA 98373



ISSUED: _____ DATE: _____
 PERMIT SUBMITTAL AUGUST 18, 2020
 PERMIT RESUBMITTAL OCT. 23, 2020

UTILITY PLAN

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 19113
 Drawn By _____
 Checked By _____

SHEET 6 OF 9
C3.0TR

LEGEND
 PROPOSED FEATURES

- W — WATER PIPE PER DETAIL 03.03.04/C4.1TR
- SS — SANITARY SEWER PIPE PER DETAIL 04.03.04/C4.1TR
- METER 1" WATER METER PER DETAIL 03.03.01/C4.0TR
- DCVA 1" DOUBLE CHECK VALVE ASSEMBLY PER DETAIL 03.04.01/C4.1TR
- SANITARY SEWER CLEANOUT PER DETAIL 04.03.04/C4.1TR

GENERAL NOTES

1. SEE CITY OF PUYALLUP SANITARY SEWER SYSTEM AND WATER SYSTEM NOTES ON SHEET C0.2TR.
2. ALL PIPES ON THIS PLAN SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD 06.01.01/C4.1TR.

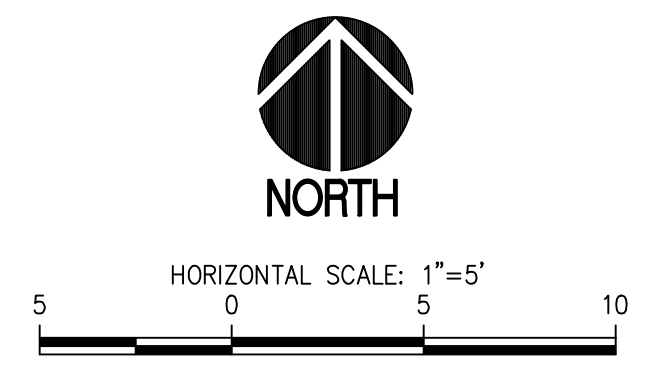
KEY NOTES

1. 6" SDR35 PVC SANITARY SIDE SEWER PER CITY STANDARD 04.03.04/C4.1TR. SEE PLAN FOR LENGTH OF PIPE. SLOPE SHALL BE 1.0% UNLESS OTHERWISE INDICATED ON PLAN.
2. SANITARY SEWER SAMPLING STATION PER CITY STANDARD 04.03.04/C4.1TR. RIM AND INLET INFORMATION LISTED ON PLAN.
3. CONTRACTOR TO FURNISH AND INSTALL ADAPTORS, COUPLINGS, AND PIPING AS NECESSARY TO PLUMB WASTE LINES FROM BUILDING TO PROPOSED SIDE SEWER CONNECTIONS.
4. 1" WATER METER IN ACCORDANCE WITH CITY STANDARD 03.03.01/C4.0TR.
5. 1" 200 PSI HIGH DENSITY POLY PIPE WATER SERVICE. INSTALL IN ACCORDANCE WITH CITY STANDARD 03.03.04/C4.1TR, LENGTH PER PLAN.
6. CONTRACTOR TO MAKE WATER CONNECTION AT BUILDING PER CITY STANDARD 03.03.04/C4.1TR.
7. CONTRACTOR TO PROVIDE 1" DOUBLE CHECK VALVE ASSEMBLY IN ACCORDANCE WITH CITY STANDARD DETAIL 03.04.01/C4.1TR.
8. POINT OF CONNECTION TO EXISTING 8" PVC SANITARY SEWER PER DETAIL 04.02.01/C4.1TR.
9. POINT OF CONNECTION TO EXISTING 8" DIP WATER MAIN PER DETAIL 03.03.01/C4.0TR.

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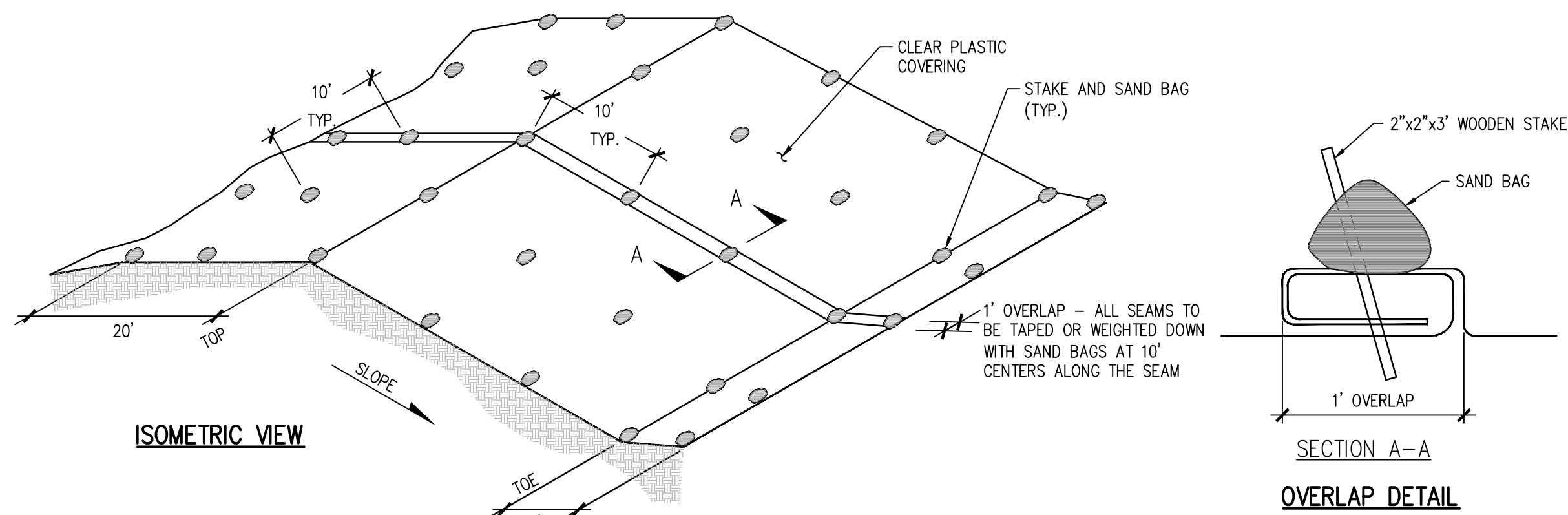
2020
 2018

UTILITY PLAN
 SCALE: 1"=5'

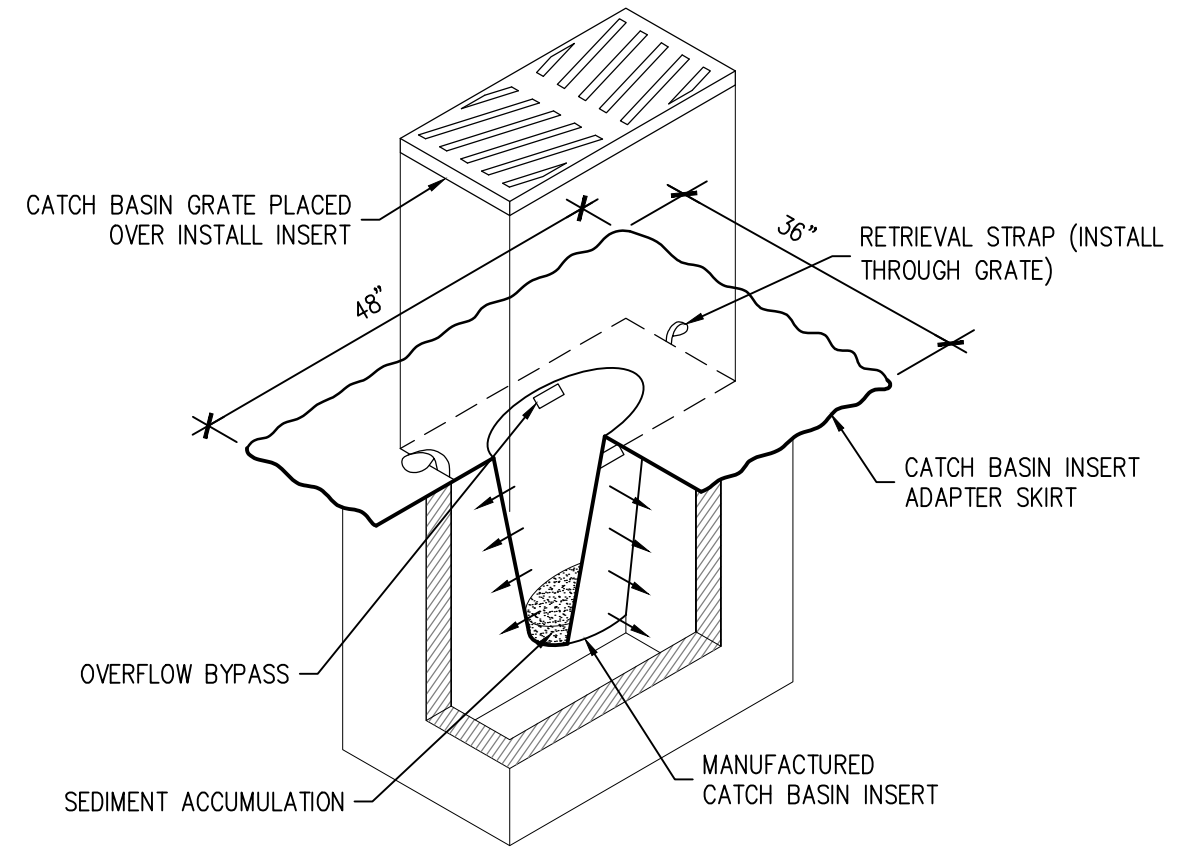


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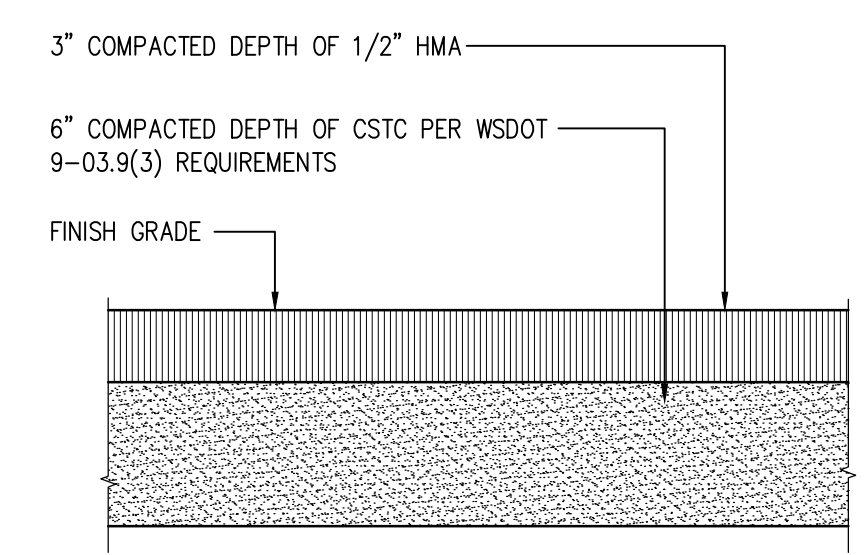
Project No.: 18,719 Project Mgr.: R.H.
 Proj. Engineer: V.S. Proj. Drafter: V.S.



01 PLASTIC COVERING DETAIL
SCALE: N.T.S.



02 CATCH BASIN PROTECTION
SCALE: N.T.S.



03 AC PARKING LOT PAVEMENT RESTORATION SECTION
SCALE: N.T.S.

APPROVED
BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT SERVICES
DATE: 12/04/2020
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.
CITY OF PUYALLUP CIVIL PERMIT
NUMBER E-20-0393

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studios MENG STRAZZARA
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CONSULTANT

CLIENT/OWNER
PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

TITLE
TRANSPORTATION
RESTROOM
RE-LOCATION

1501 39TH AVE SW,
PUYALLUP, WA 98373

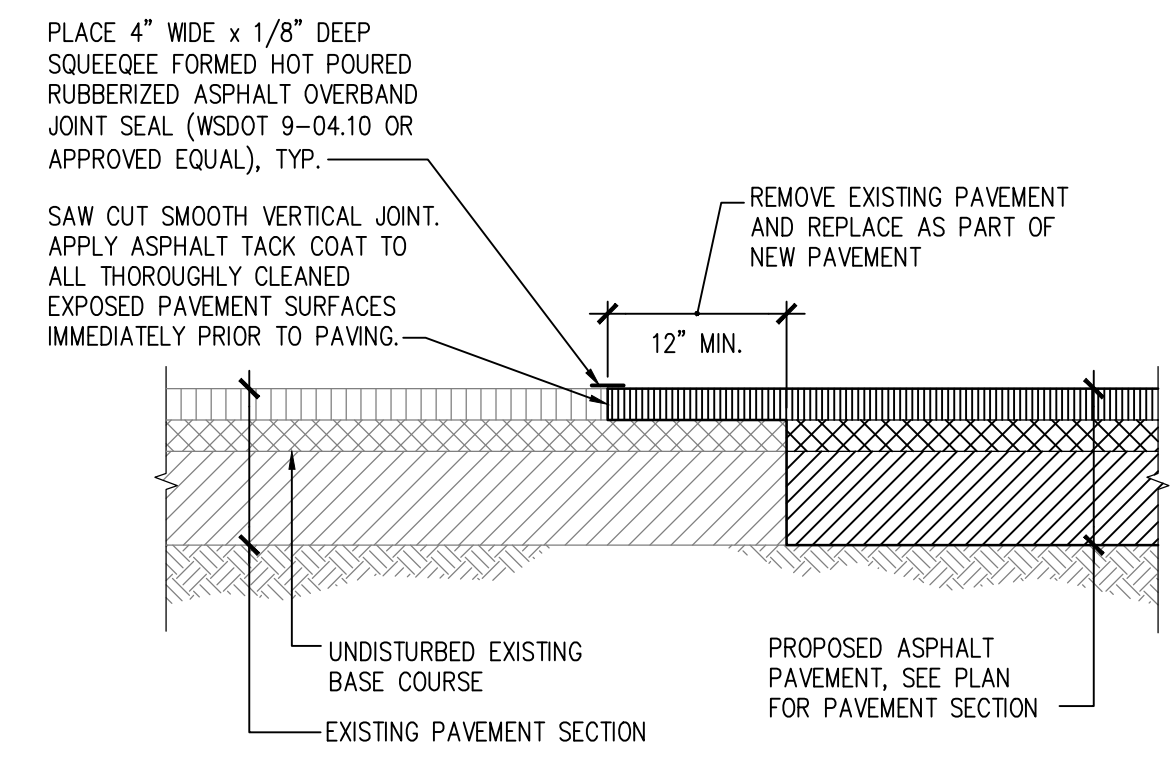
STAMP
[Professional Engineer Seal: Richard C. Hill, State of Washington, License No. 20700, Registered Professional Engineer, 10/23/2020]

ISSUED: _____ DATE: _____
PERMIT SUBMITTAL AUGUST 18, 2020
PERMIT RESUBMITTAL OCT. 23, 2020

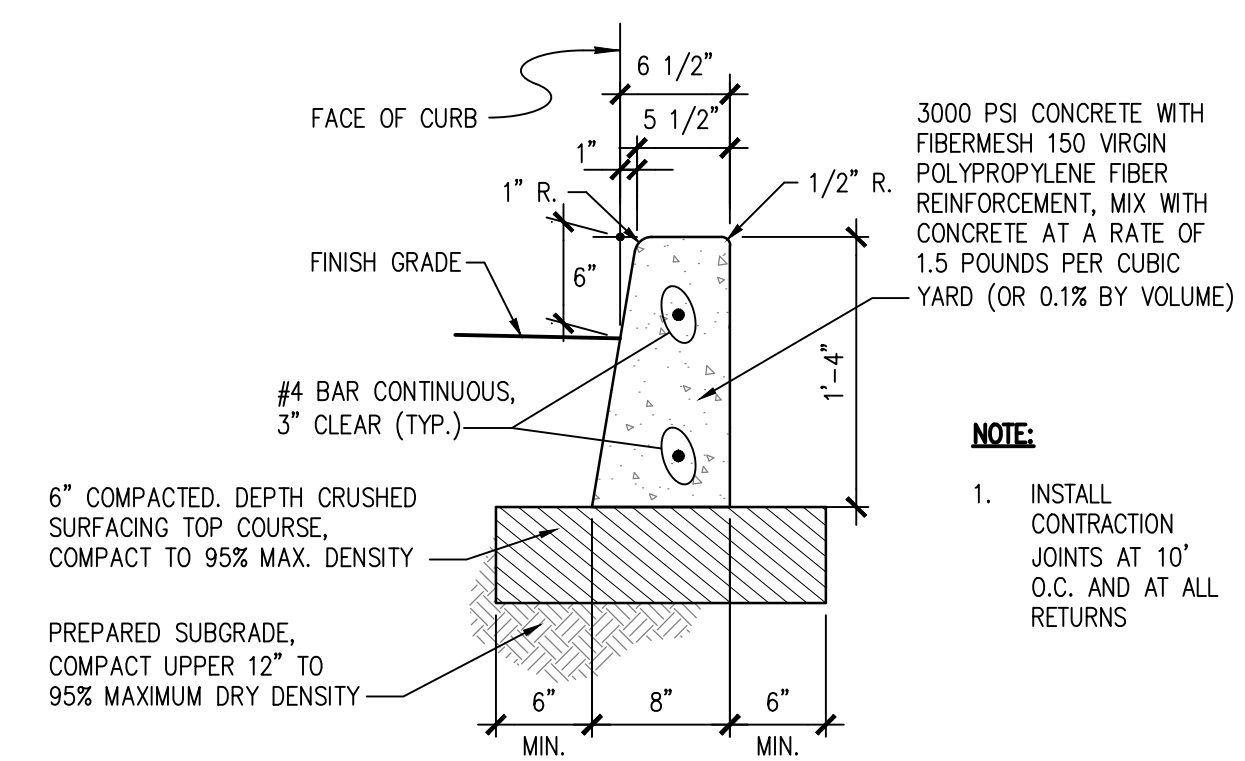
DETAILS

Building Permit #: _____
Site Permit #: _____
Owner's Project #: _____
Architect's Project #: 19113
Drawn By _____
Checked By _____

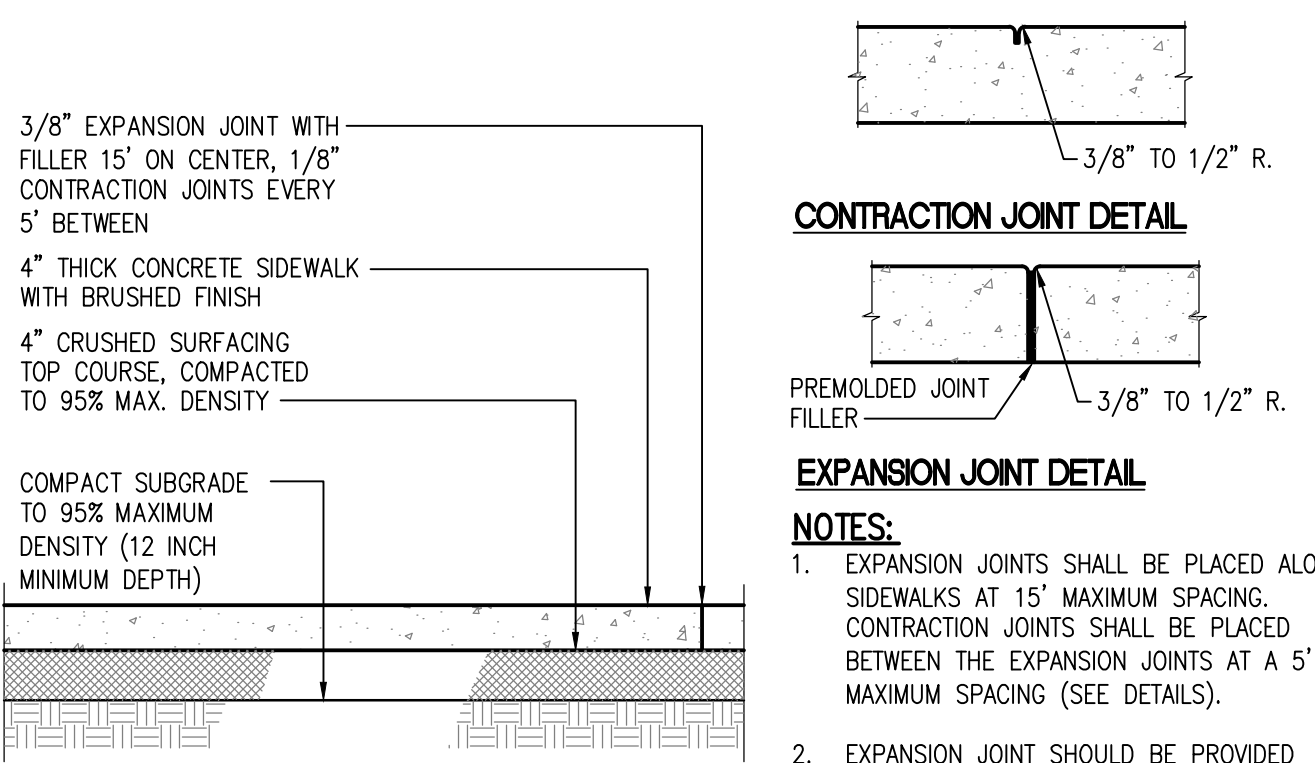
SHEET 7 OF 9
C4.0TR



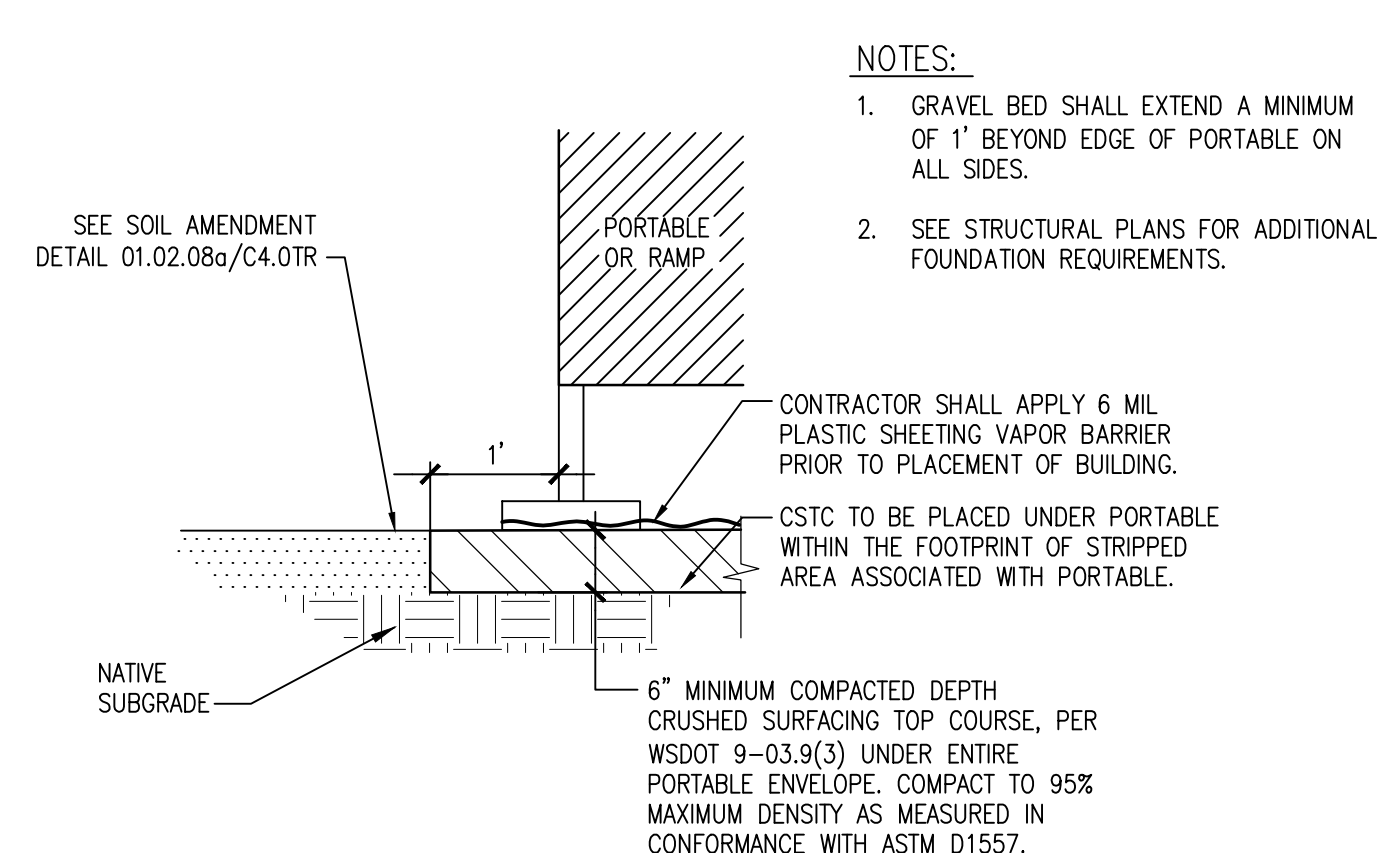
04 PAVEMENT JOINT SECTION
SCALE: N.T.S.



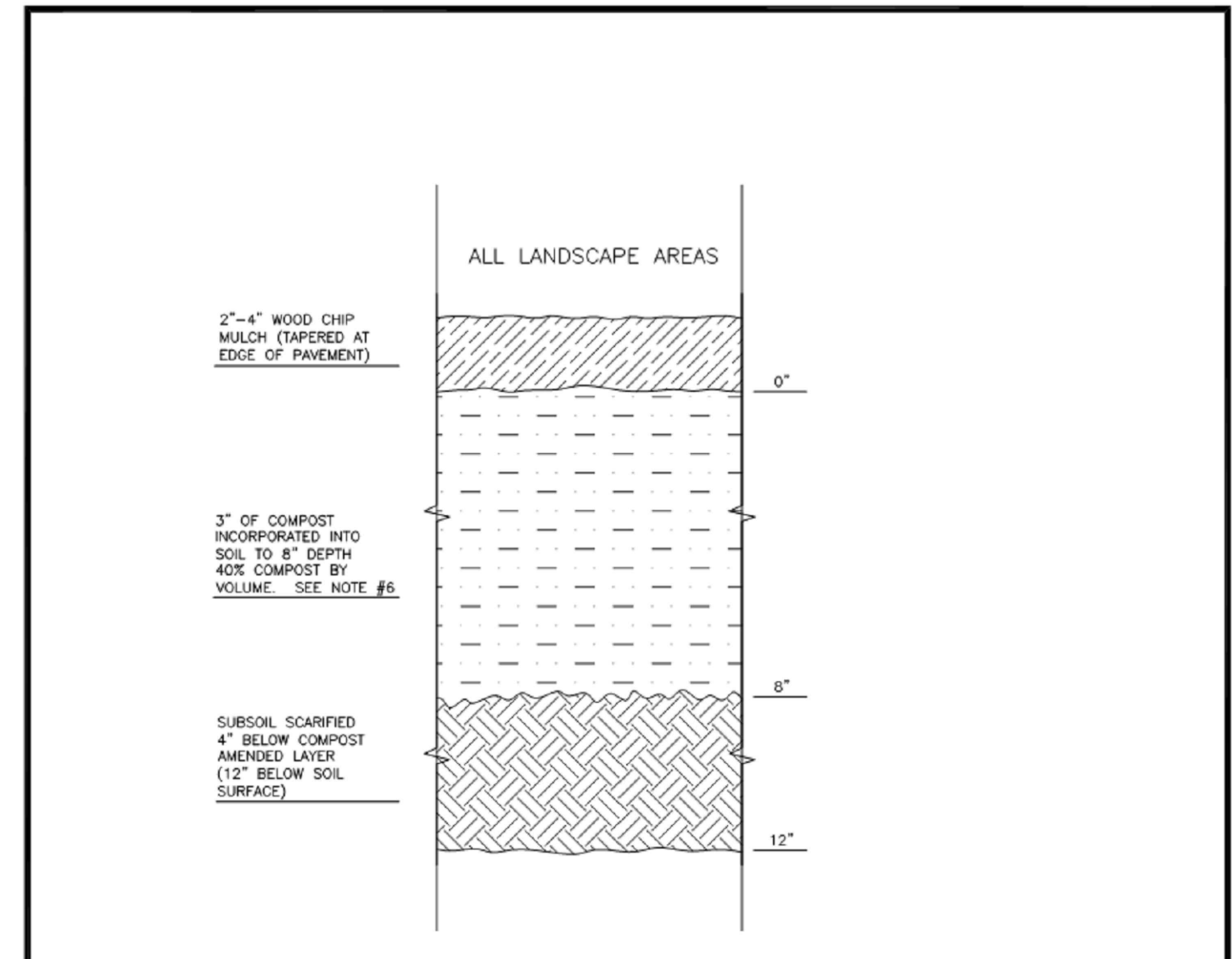
05 CAST-IN-PLACE CONCRETE CURB
SCALE: N.T.S.



06 CONCRETE WALK SECTION
SCALE: N.T.S.

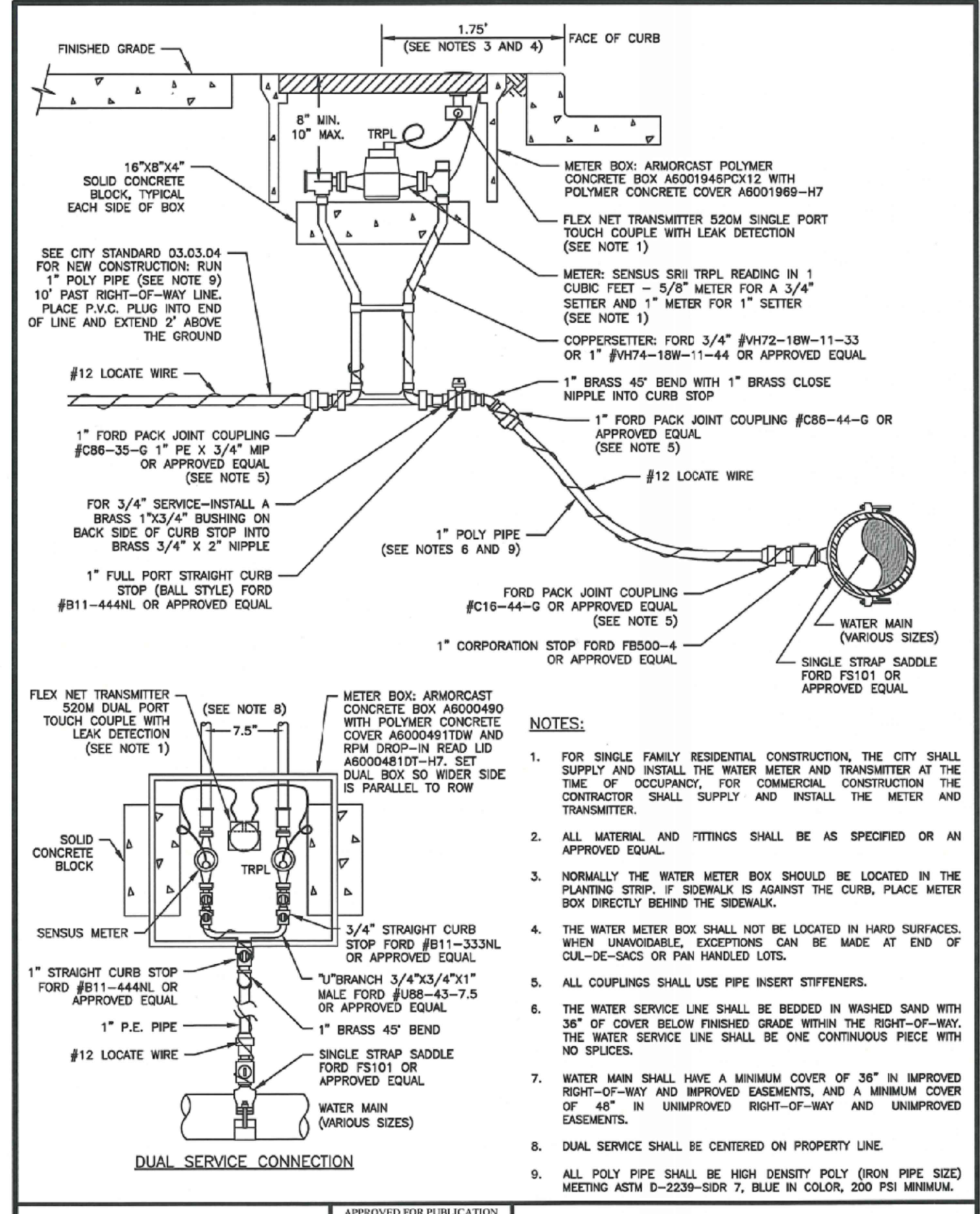


07 GRAVEL PAD DETAIL
SCALE: N.T.S.



NOTES:
1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
2. SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE REGARDING PLANTING STEPS FOR STREET TREES.
3. COMPOST SHALL BE FILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL PER SOIL SPECIFICATION.
4. PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST FILLED IN TO 8-INCH DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME. MULCH AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLING TO 4").
5. SETBACKS TO PREVENT UNWEN SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS, METERS ETC.) WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
6. SEE SECTION 8.2(B) OF THE IAS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE FOOTPRINT.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	DESIGNED BY	CHECKED BY	APPROVED BY	DATE
	FILE NAME	DATE APPROVED	DATE REVISION	SCALE
01.02.08a				

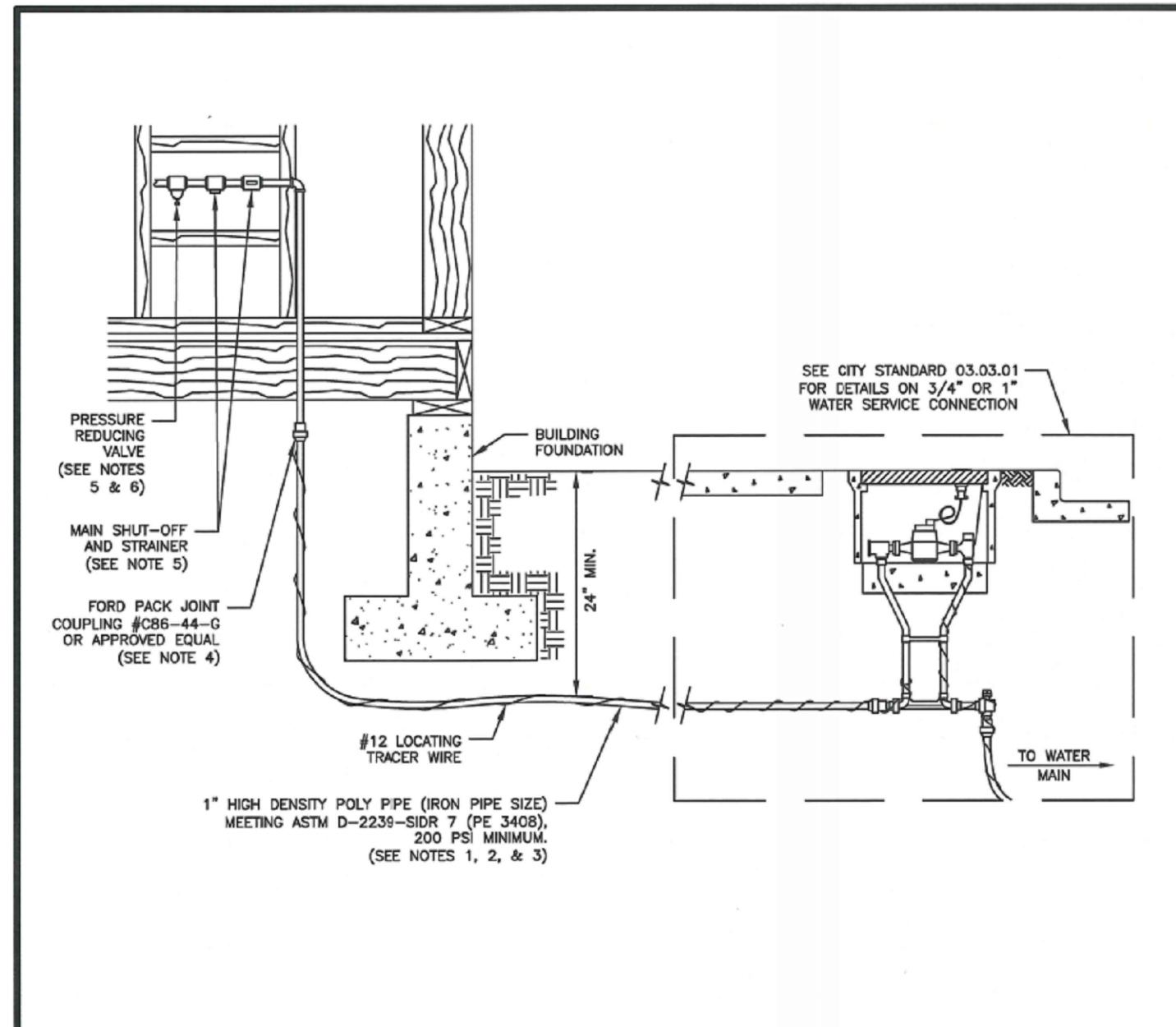


CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION
DATE: 2/5/2019
3/4" OR 1" WATER SERVICE CONNECTION
CITY STANDARD 03.03.01
NOT TO SCALE

811 Call 811
two business days
before you dig

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Project No.: 18,719 Project Mgr.: R.H.
Proj. Engineer: V.S. Proj. Drafter: V.S.

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- NOTES**
- SERVICE LINE MAY BE 200 PSI POLY PIPE IN UNCONTAMINATED SOILS. IN SOILS THAT MAY CONTAIN HYDROCARBONS USE 1" x 1/2" COPPER PIPE.
 - PIPE TO BE BEDDED WITH MATERIAL FREE OF ROCKS.
 - POLY PIPE SHOULD BE PLACED IN THE TRENCH IN A SNAKELIKE FASHION (NOT STRAIGHT WITHOUT SLOPE). THIS WILL ACCOMMODATE GROUND MOVEMENT AND KEEP PRESSURE OFF THE FITTINGS.
 - PLASTIC WATER SERVICE PIPING MAY TERMINATE WITHIN A BUILDING, PROVIDED THE CONNECTION TO THE POTABLE WATER DISTRIBUTION SYSTEM SHALL BE ACCESSIBLE. SEE THE CURRENT UNIFORM PLUMBING CODE FOR MORE INFORMATION.
 - THE MAIN SHUT-OFF VALVE, PRESSURE REDUCING VALVE, AND STRAINER SHALL BE LOCATED INSIDE THE BUILDING IN AN ACCESSIBLE LOCATION. THEY SHOULD BE LOCATED BEFORE ANY BRANCH CONNECTIONS, AND PROTECTED FROM FREEZING.
 - ALL PROPERTIES WITH WATER SERVICE CONNECTIONS LOCATED SOUTH OF 15TH AVE SE AND SOUTH OF 15TH AVE SW SHALL HAVE AN APPROVED PRIVATELY OWNED AND PRIVATELY MAINTAINED PRESSURE REDUCING VALVE (PRV) LOCATED ON THEIR WATER SERVICE LINE.
 - ALL PROPERTIES WITH IRRIGATION BRANCH CONNECTIONS LOCATED SOUTH OF 15TH AVE SE AND SOUTH OF 15TH AVE SW SHOULD HAVE AN APPROVED PRIVATELY OWNED AND PRIVATELY MAINTAINED PRESSURE REDUCING VALVE (PRV) LOCATED ON THEIR IRRIGATION BRANCH LINE.
 - ALL INSTALLATIONS WITHIN TWO (2) FEET OF THE BUILDING SHALL COMPLY WITH THE CURRENT UNIFORM PLUMBING CODE.

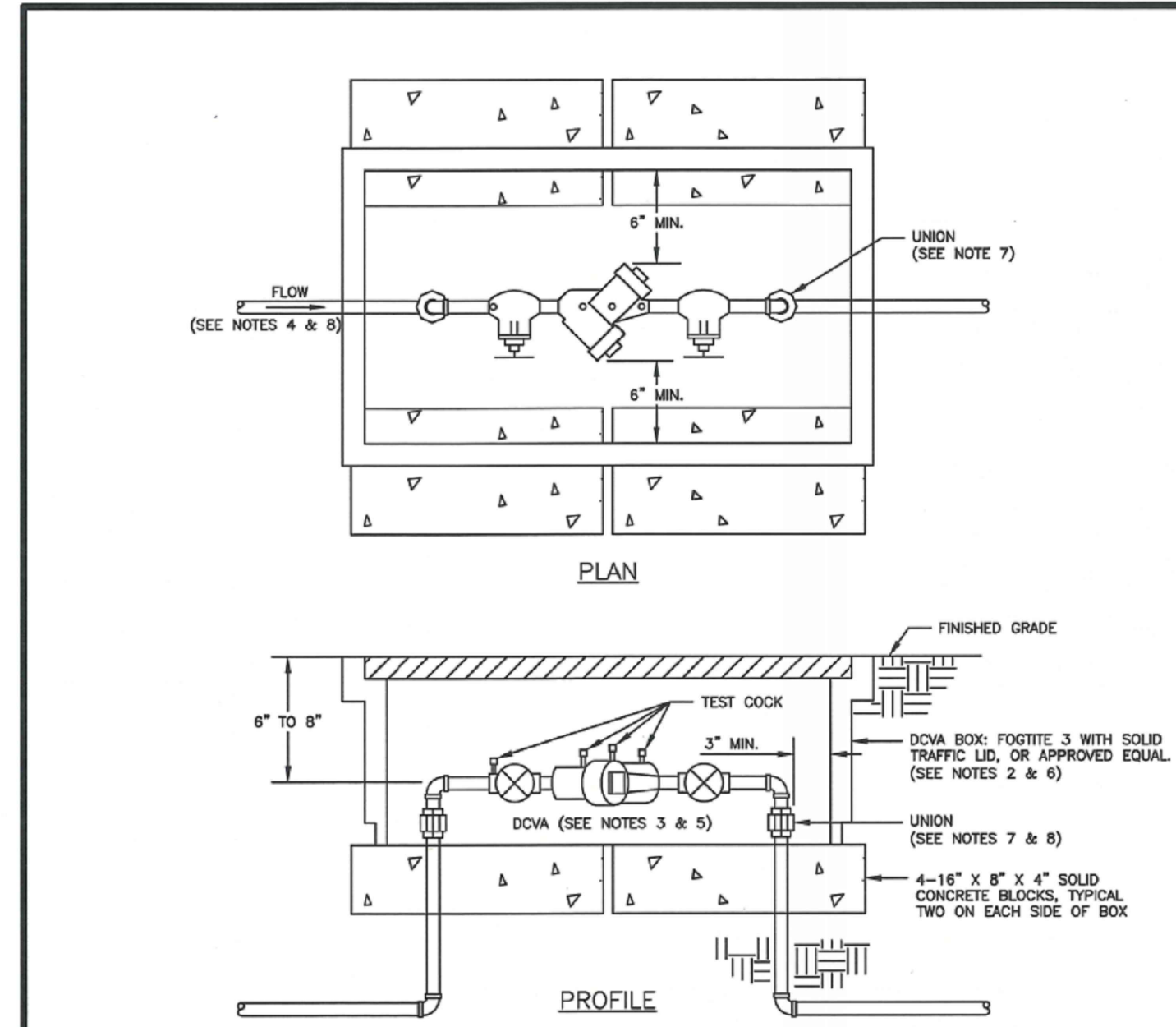
CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

PRIVATE WATER SERVICE LINES

APPROVED FOR PUBLICATION: 2/15/2019

DATE: 03.03.04

NOT TO SCALE



- NOTES**
- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
 - THE DOWA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.
 - DOWA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
 - DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF WATER METER. WHEN IRRIGATION SYSTEM IS CONNECTED OFF DOMESTIC WATER LINE, IRRIGATION DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF THE BRANCH CONNECTION.
 - DOWA SHALL BE SIZED EQUAL OR COMPARABLE TO METER SIZE.
 - METER BOX SHALL BE LARGE ENOUGH TO ALLOW THE MINIMUM SETBACKS ILLUSTRATED ABOVE. METER BOX LID SHALL BE A TRAFFIC LID WITH AN H-20 LOADING.
 - DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
 - USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE UNION ON THE CUSTOMER'S SIDE OF THE DOWA.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

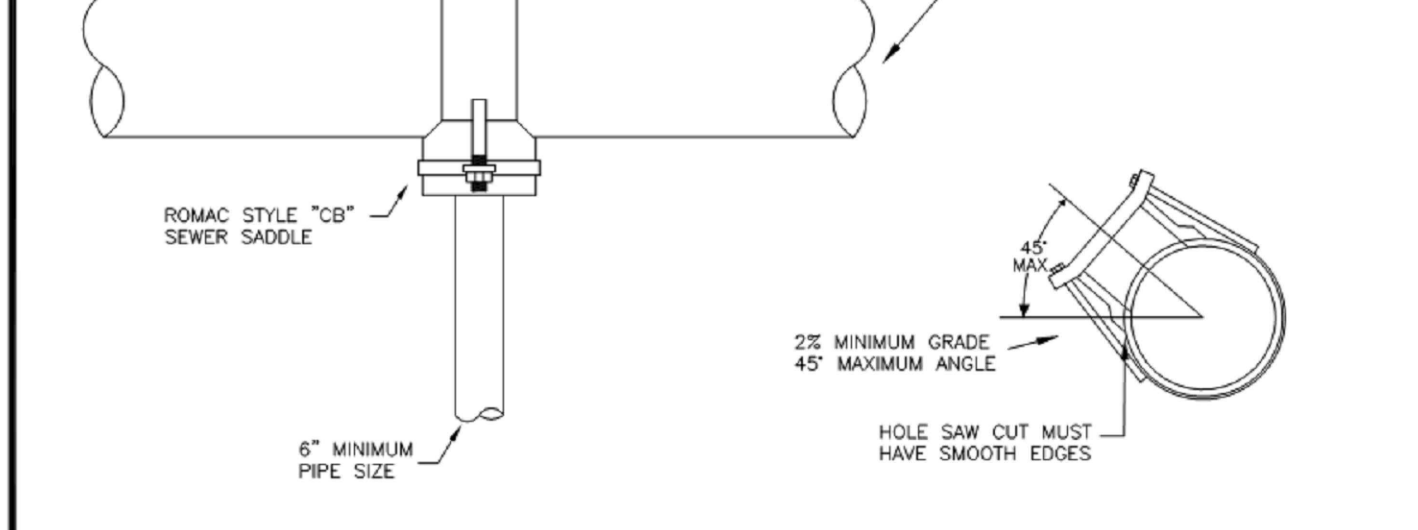
2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY INSTALLATION

APPROVED FOR PUBLICATION: 2/15/2019

DATE: 03.04.01

NOT TO SCALE

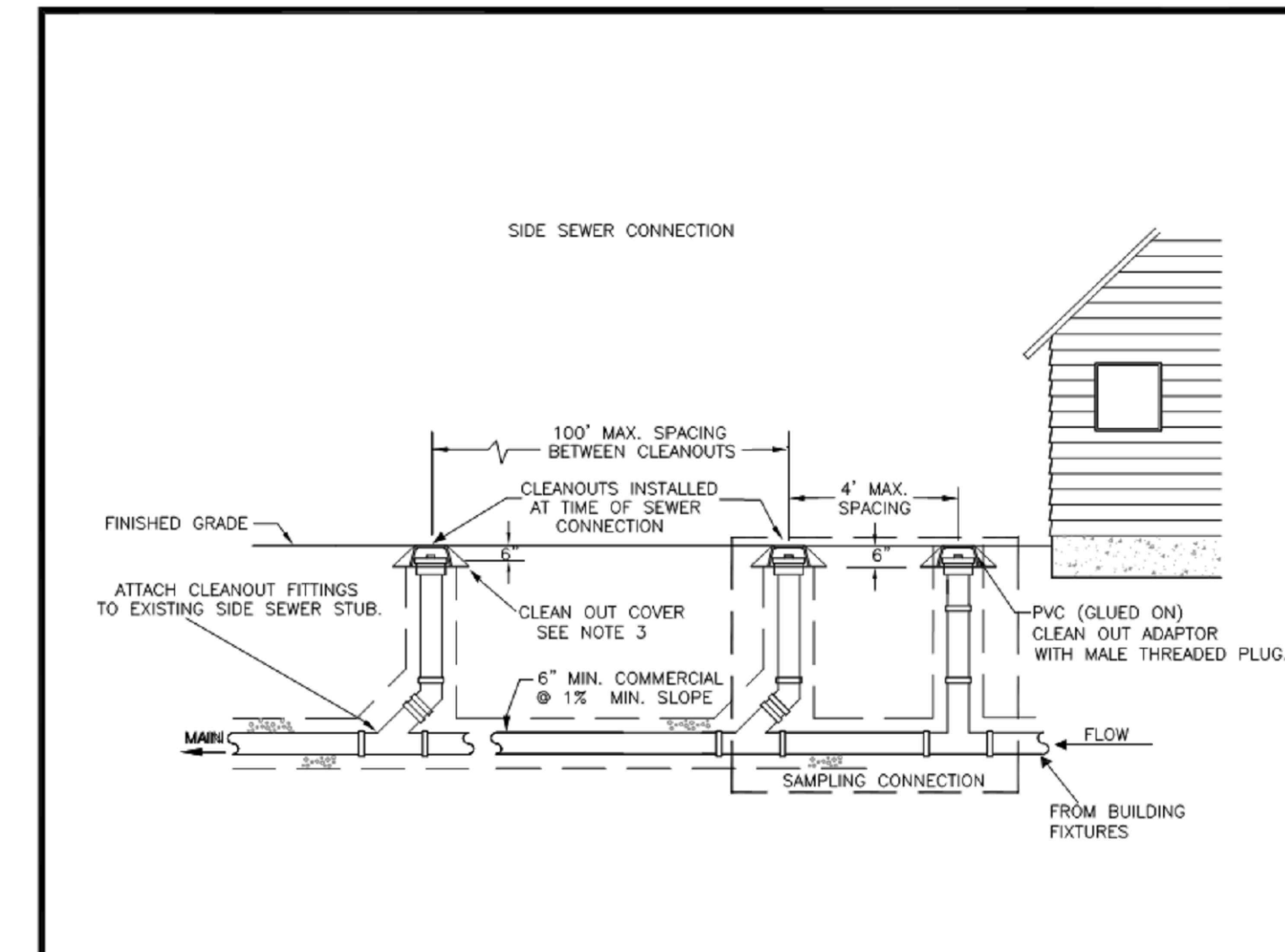
- NOTES FOR CONNECTING TAPS ON EXISTING SEWER MAINS**
- THE TEE FITTING SHALL BE A ROMAC INDUSTRIES STYLE "CB" SEWER SADDLE (OR APPROVED EQUAL). ONLY NEW SADDLE AND PARTS SHALL BE INSTALLED. DUE TO PIPE SIZE MATERIALS OR PIPE CONDITION, THE CITY ENGINEER MAY REQUIRE AN ALTERNATE METHOD/MATERIAL BE USED.
 - THE SEWER MAIN TAP SHALL BE CUT WITH A SEWER PIPE TAPPING MACHINE (HOLE SAW) CAPABLE OF RETAINING THE COUPON.
 - THE ROUND HOLE CUT INTO THE SEWER MAIN SHALL BE NO LARGER THAN THE INSIDE DIAMETER OF THE SADDLE GASKET. THE HOLE SAW CUT EDGES SHALL BE SMOOTH.
 - THE COUPON SHALL BE RETAINED AND SURRENDERED TO THE INSPECTOR. THE PERMIT HOLDER WILL PAY ALL COSTS ASSOCIATED WITH THE LOCATION AND RETRIEVAL OF A LOST COUPON. ADDITIONALLY THE PERMIT HOLDER WILL BE HELD LIABLE FOR ANY SUBSEQUENT DAMAGES CAUSED BY A LOST COUPON.
 - BOLTS SHALL BE TORQUED TO MANUFACTURE SPECIFICATIONS, THEN RETORQUED AFTER 10 MINUTES.
 - NO TAPS SHALL BE ALLOWED ON EXISTING SEWER MAINS OVER 18" IN DIAMETER. CONNECTIONS INTO SEWER MAINS OVER 18" IN DIAMETER SHALL INTERSECT THE SEWER MAIN IN A MANHOLE. IN SOME CASES THE CITY ENGINEER MAY ALLOW A VARIANCE TO THIS REQUIREMENT.
 - ALL TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 06.01.01. ALL ASPHALT REPAIR SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 01.01.20. ALL ADDITIONAL UTILITY AND RIGHT OF WAY REPAIRS SHALL BE IN ACCORDANCE WITH THE "CITY STANDARDS" MANUAL.
 - THE CITY OF PUYALLUP WILL CONDUCT A "SEWER MAIN VIDEO INSPECTION" OF THE SEWER TAP. THE PERMIT HOLDER WILL BE REQUIRED TO REPAIR ANY SEWER TAP CONSTRUCTION DEFECTS FOUND BY THE CITY INSPECTORS. THE COST OF ALL REPAIRS AND SUBSEQUENT "SEWER MAIN VIDEO INSPECTIONS" WILL BE THE RESPONSIBILITY OF THE PERMIT HOLDER. THE DAMAGE DEPOSIT POSTED BY THE BUILDER WILL BE HELD UNTIL PROBLEMS ARE CORRECTED. DUE TO PUBLIC HEALTH AND SAFETY, BUILDING OCCUPANCY WILL NOT BE ALLOWED UNTIL REPAIRS ARE COMPLETED AND ACCEPTED BY THE CITY ENGINEER.



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SEWER MAIN TAP

APPROVED FOR PUBLICATION: 04.02.01

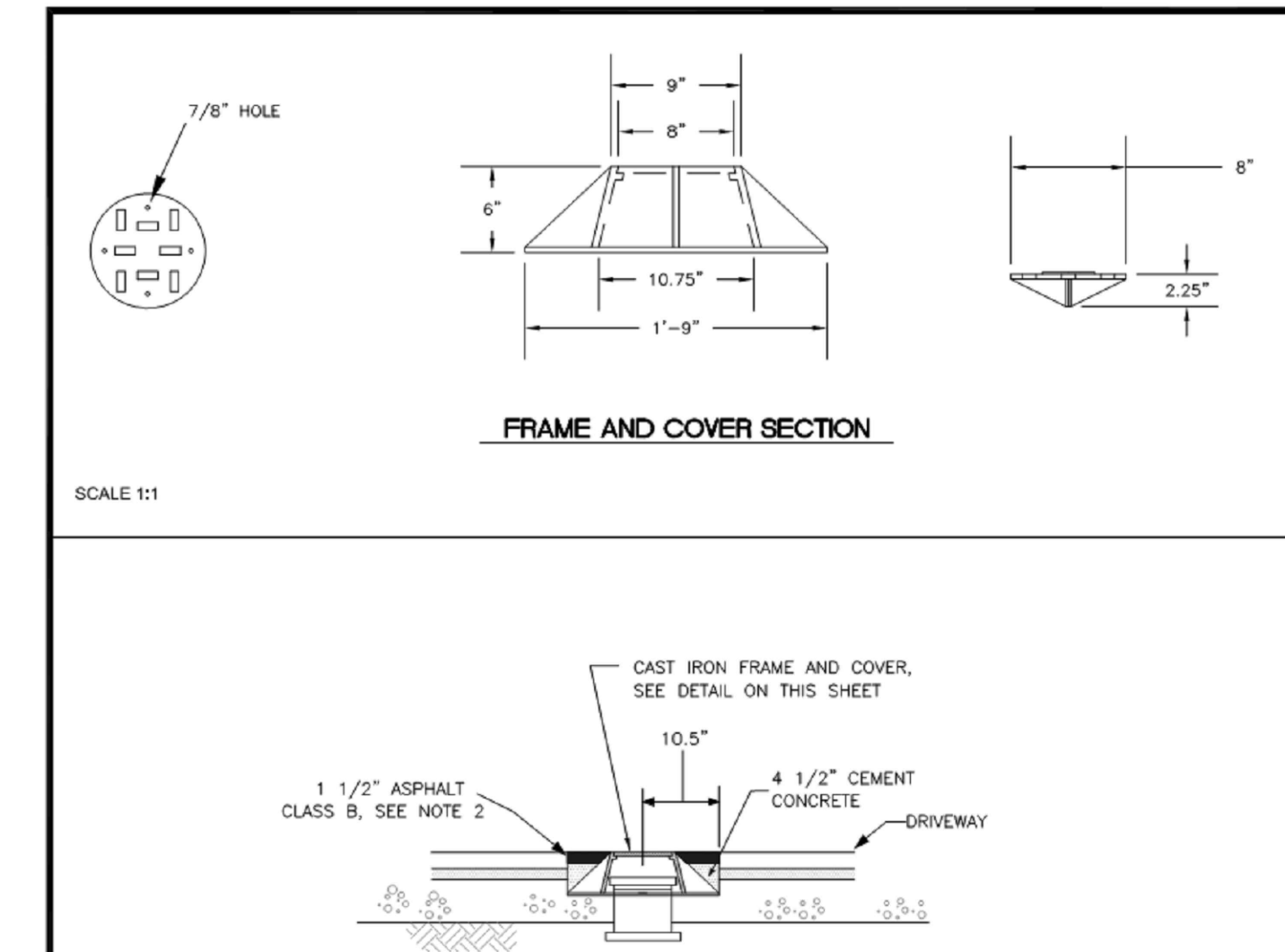


- NOTES**
- SAMPLING CONNECTION SHALL BE INSTALLED OUT SIDE WITH UNOBSTRUCTED ACCESS AT ALL TIMES.
 - A SAMPLING CONNECTION SHALL BE INSTALLED FOR EACH COMMERCIAL / RETAIL UNIT OR SPACE.
 - CLEAN OUT AND SAMPLING CONNECTION COVERS:
 - FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROVED EQUAL.
 - FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS SEE CITY STANDARD DETAIL NO. 04.03.05 FRAME AND COVER SECTION.
 - EACH CLEANOUT ASSEMBLY SHALL CONSIST OF: ONE CLEANOUT ADAPTER, HUB x FEMALE, FIP, PVC SI AND ONE CLEANOUT PLUG, MORT WITH RAISED NUT, PVC SDR35.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

COMMERCIAL SIDE SEWER CONNECTION WITH SAMPLING CONNECTION

APPROVED FOR PUBLICATION: 04.03.04

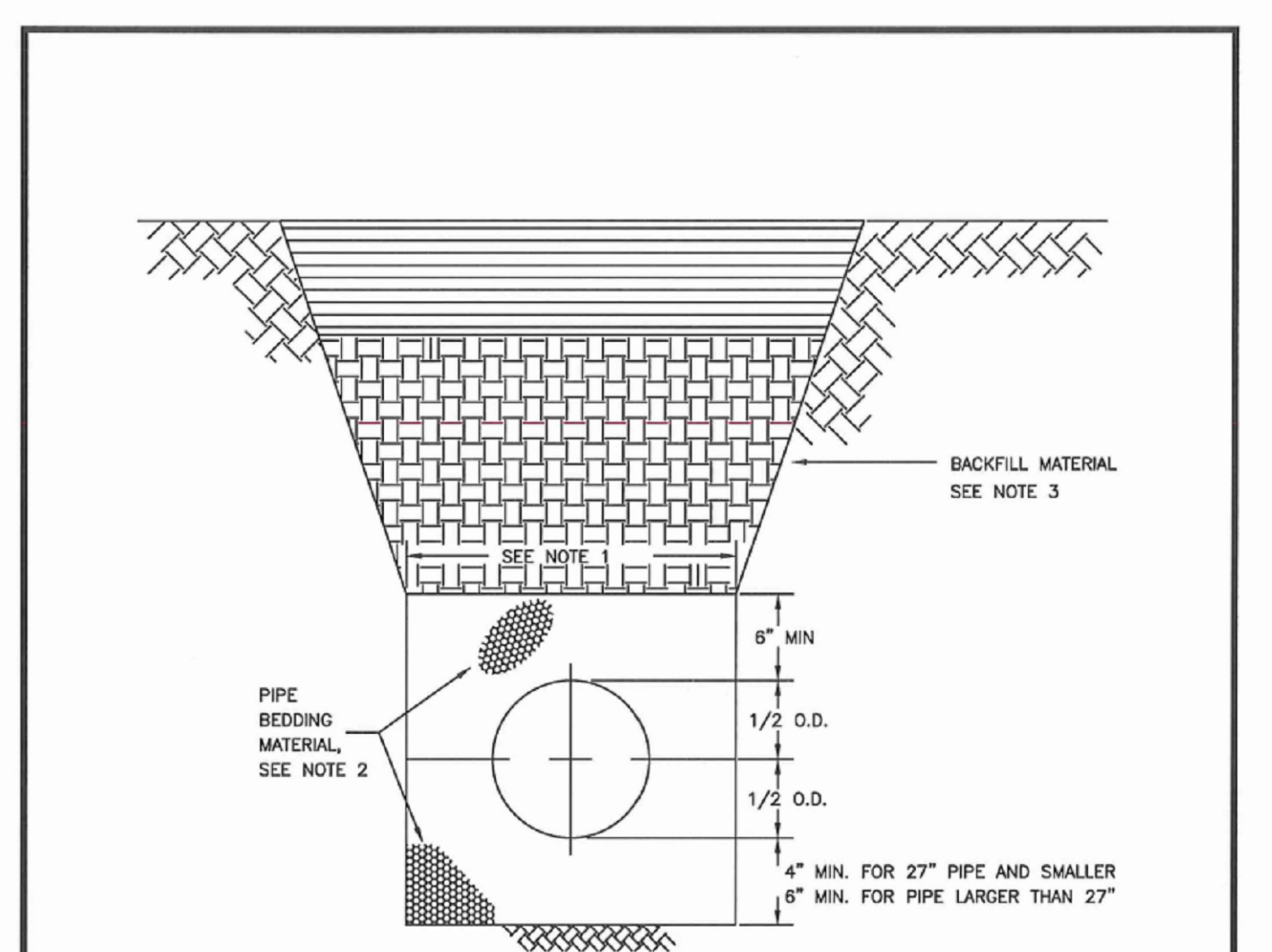


- NOTES**
- HEAT LINE CUT SHALL BE SEALED AT THE TOP WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED.
 - ALL MATERIAL SHALL CONFORM TO THE 1991 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PREPARED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER.
 - MACHINE BEARING FACES OF FRAME AND COVER TO INSURE POSITIVE FIT.
 - EACH CLEAN OUT ASSEMBLY SHALL CONSIST OF: ONE CLEAN OUT ADAPTER (HUB x FEMALE INSIDE PIPE THREAD, P.V.C. SLIP IN), AND ONE CLEAN OUT PLUG (MALE OUTSIDE PIPE THREAD WITH RAISED NUT, P.V.C. SDR35).

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SIDE SEWER CLEAN OUT WHEN PLACED IN DRIVEWAY

APPROVED FOR PUBLICATION: 04.03.05



- TRENCHING SHALL MEET THE REQUIREMENTS OF SECTION 7-08.3(1)A AND 2-08.3(1) OF THE WSDOT SPECIFICATIONS.
- BEDDING MATERIAL SHALL CONFORM TO 9-03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
- GRAVEL BACKFILL SHALL CONFORM TO 9-03.12(1)A GRAVEL BACKFILL FOR FOUNDATIONS, CLASS A.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

PIPE TRENCHING BEDDING AND BACKFILL

APPROVED FOR PUBLICATION: 06.01.01

APPROVED BY: [Signature]

CITY OF PUYALLUP DEVELOPMENT SERVICES

DATE: 12/04/2020

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.

CITY OF PUYALLUP CIVIL PERMIT NUMBER E-20-0393

ARCHITECT

studio MENG STRAZZARA

www.studio.com
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Seattle, WA 98121
P: 206.587.3792
F: 206.587.0588

CONSULTANT

CLIENT/OWNER

PUYALLUP SCHOOL DISTRICT
A Tradition of Excellence

TITLE

TRANSPORTATION RESTROOM RE-LOCATION

1501 39TH AVE SW, PUYALLUP, WA 98373

STAMP

RICHARD C. HALL
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
10/23/2020

ISSUED: _____ DATE: _____

PERMIT SUBMITTAL AUGUST 18, 2020

PERMIT RESUBMITTAL OCT. 23, 2020

DETAILS

Building Permit #: _____

Site Permit #: _____

Owner's Project #: _____

Architect's Project #: 19113

Drawn By _____

Checked By _____

SITTS & HILL ENGINEERS, INC.
CIVIL • STRUCTURAL • SURVEYING
4915 CENTER STREET | TACOMA, WA 98409
PHONE: (253) 474-9449 | FAX: (253) 474-0153
http://www.sitts-hill-engineers.com/

Project No.: 18,719 Project Mgr.: R.H.
Project Engineer: V.S. Proj. Drafter: V.S.

811 Call 811
two business days before you dig

SHEET 8 OF 9

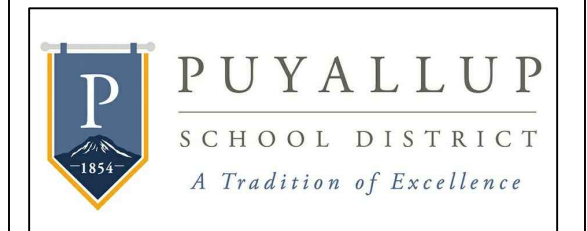
C4.1TR

APPROVED
 BY: *[Signature]*
 CITY OF PUYALLUP
 DEVELOPMENT SERVICES
 DATE: 12/04/2020
 NOTE:
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 CITY OF PUYALLUP CIVIL PERMIT
 NUMBER E-20-0393

ARCHITECT
 studio MENG
 STRAZZARA
 www.studiomeng.com
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CONSULTANT

CLIENT/OWNER



TITLE
 TRANSPORTATION
 RESTROOM
 RE-LOCATION

1501 39TH AVE SW,
 PUYALLUP, WA 98373

STAMP

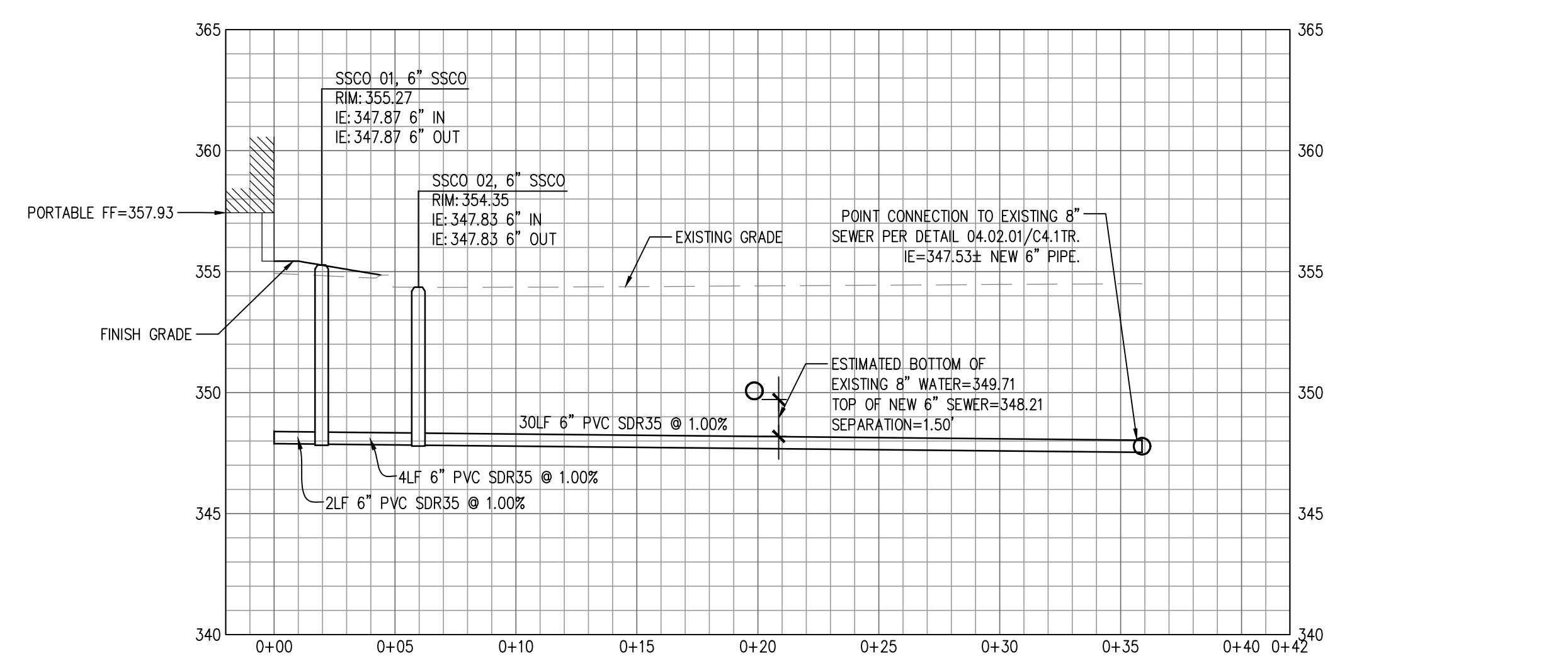


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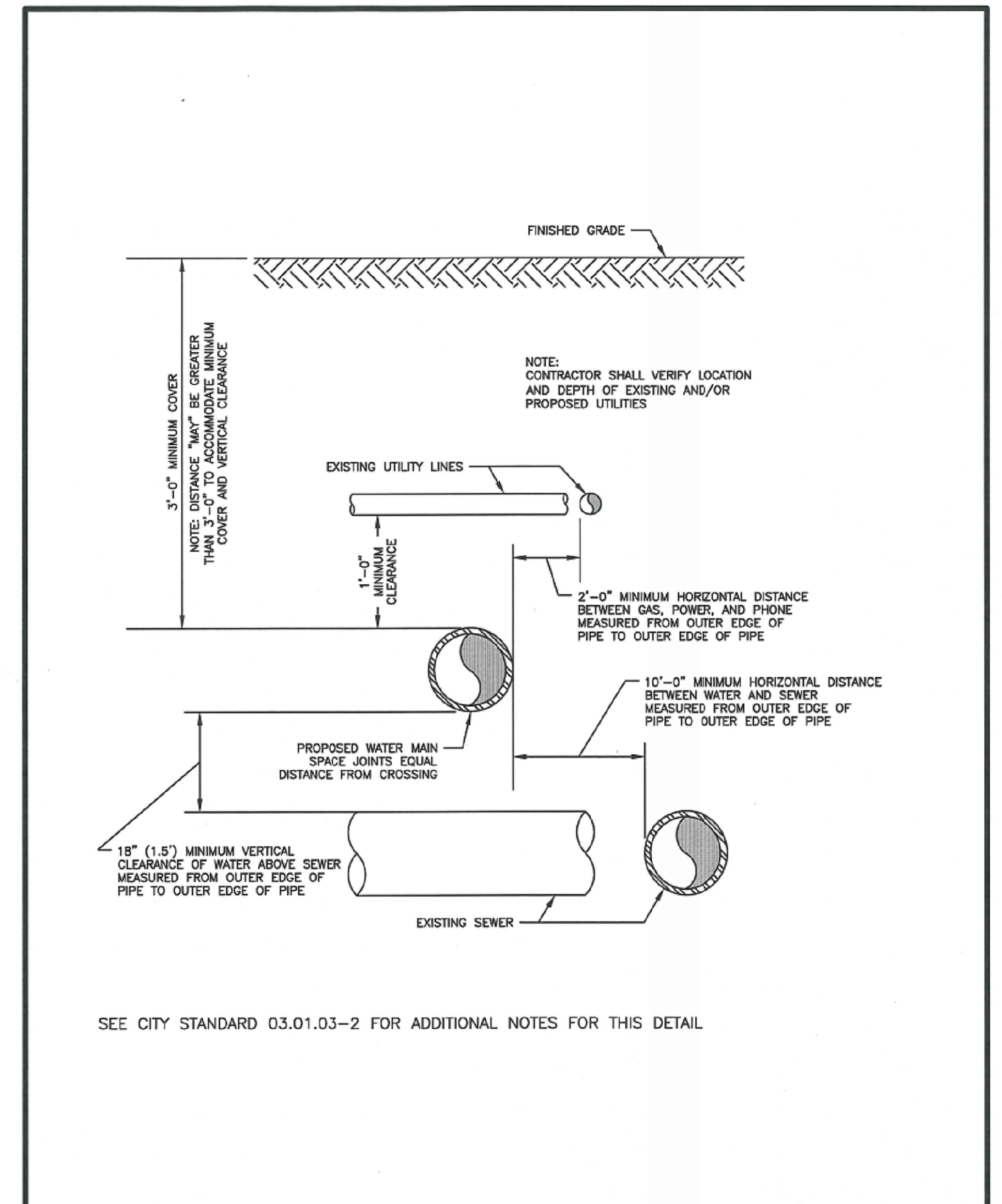
SANITARY SEWER
 PROFILE &
 WATER MAIN
 CROSSING DETAILS

Building Permit #: _____
 Site Permit #: _____
 Owner's Project #: _____
 Architect's Project #: 19113
 Drawn By _____
 Checked By _____

SHEET 9 OF 9
C4.2TR



SANITARY SEWER SURFACE PROFILE
 SCALE: H: 1"=5' V: 1"=5'
 HORIZONTAL SCALE: 1"=5'
 VERTICAL SCALE: 1"=5'



CITY OF PUYALLUP
 OFFICE
 OF THE CITY ENGINEER
 APPROVED FOR PUBLICATION
 DATE: 2/15/2019
 CITY STANDARD
 03.01.03-1
 (NOT TO SCALE)

NOTES FOR WATER MAIN CROSSING OTHER UTILITIES
 CITY STANDARD 03.01.03-1
 WHEN LOCAL CONDITIONS PREVENT THE SEPARATIONS DESCRIBED ON CITY STANDARD 03.01.03-1, A SEWER MAY BE LAID CLOSER THAN 10'-FEET HORIZONTALLY OR 18-INCHES VERTICALLY TO A WATER LINE, PROVIDED THE GUIDELINES BELOW ARE FOLLOWED:
UNUSUAL CONDITIONS (PARALLEL SYSTEMS)
 1. SEWER LINE IS LAID IN A SEPARATE TRENCH FROM THE WATER LINE.
 2. WHEN 18-INCHES VERTICAL SEPARATION CANNOT BE OBTAINED, THE SEWER SHALL BE CONSTRUCTED OF MATERIALS AND JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION AND SHALL BE PRESSURE TESTED TO ENSURE WATER TIGHTNESS PRIOR TO BACKFILLING.
 3. THE WATER LINE SHALL BE PLACED ON A BENCH OF UNDISTURBED EARTH WITH THE BOTTOM OF THE WATER PIPE AT LEAST 18-INCHES ABOVE THE CROWN OF THE SEWER, AND SHALL HAVE AT LEAST 5'-FEET OF HORIZONTAL SEPARATION AT ALL TIMES. THE CITY RESERVES THE RIGHT TO REQUIRE SUPPLEMENTAL MITIGATION EFFORTS, SUCH AS IMPERMEABLE BARRIERS OR OTHER MEANS, FOR ADDITIONAL PROTECTION.
 4. THE SEWER SHALL NOT BE INSTALLED IN THE SAME DITCH AS A POTABLE WATER LINE WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY OF PUYALLUP.
UNUSUAL CONDITIONS (PERPENDICULAR SYSTEMS)
CONDITION A - GRAVITY SEWERS PASSING UNDER WATER LINES (ALL OF THE FOLLOWING APPLY)
 1. ONE FULL SEGMENT (NOT LESS THAN 18'-FEET LONG) OF DUCTILE IRON CLASS 52 WATER PIPE, AND THE LONGEST STANDARD SEWER PIPE LENGTH AVAILABLE FROM THE MANUFACTURER SHALL BE USED WITH THE PIPES CENTERED TO MAXIMIZE JOINT SEPARATION.
 2. STANDARD GRAVITY-SEWER MATERIAL ENCASED IN CONCRETE OR IN A ONE-QUARTER-INCH THICK CONTINUOUS STEEL DUCTILE IRON OR PRESSURE RATED PVC PIPE WITH A DIMENSION RATIO (THE RATIO OF THE OUTSIDE DIAMETER TO THE PIPE WALL THICKNESS) OF 18 OR LESS, WITH ALL JOINTS PRESSURE-GROUTED WITH SAND-CEMENT GROUT OR BENTONITE.
 EXAMPLE OF DIMENSION RATIO (DR): OUTSIDE PIPE DIAMETER DIVIDED BY THE WALL THICKNESS OR OD/T.
 FOR 8-INCH SCH. 80 PVC PIPE (T=0.5 INCHES), THE DR IS 8.625/0.5=17.25
CONDITION B - GRAVITY SEWER PASSING OVER WATER LINES
 WATER LINES SHALL BE PROTECTED BY PROVIDING:
 1. A VERTICAL SEPARATION OF AT LEAST 18-INCHES BETWEEN THE INVERT OF THE SEWER AND THE CROWN OF THE WATER LINE.
 2. ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER LINE TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING OF THE WATER LINE.
 3. THE SEWER PIPE SHALL BE THE LONGEST STANDARD SEWER PIPE LENGTH AVAILABLE FROM THE MANUFACTURER WITH THE WATER AND SEWER PIPES CENTERED TO MAXIMIZE JOINT SEPARATION.
 4. THE SEWER LINE CASING EQUIVALENT TO THAT SPECIFIED IN A(2) ABOVE.

CITY OF PUYALLUP
 OFFICE
 OF THE CITY ENGINEER
 APPROVED FOR PUBLICATION
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 (NOT TO SCALE)



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