

These drawings, plans, specifications and other documents, including those in electronic form, are owned by Abbey Road Group Land Development Services Company, LLC and it retains all common law, statutory and other reserved rights, including copyrights.

These drawings, plans, specifications and other documents cannot be copied, distributed, submitted to others (including governmental agencies and lenders) without the express written consent of Abbey Road Group Land Development Services Company, LLC.

# EAST TOWN CROSSING - SEWER CONNECTION

## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

### COVER SHEET

**RECORD DRAWINGS**  
**SURVEY AS-BUILT**

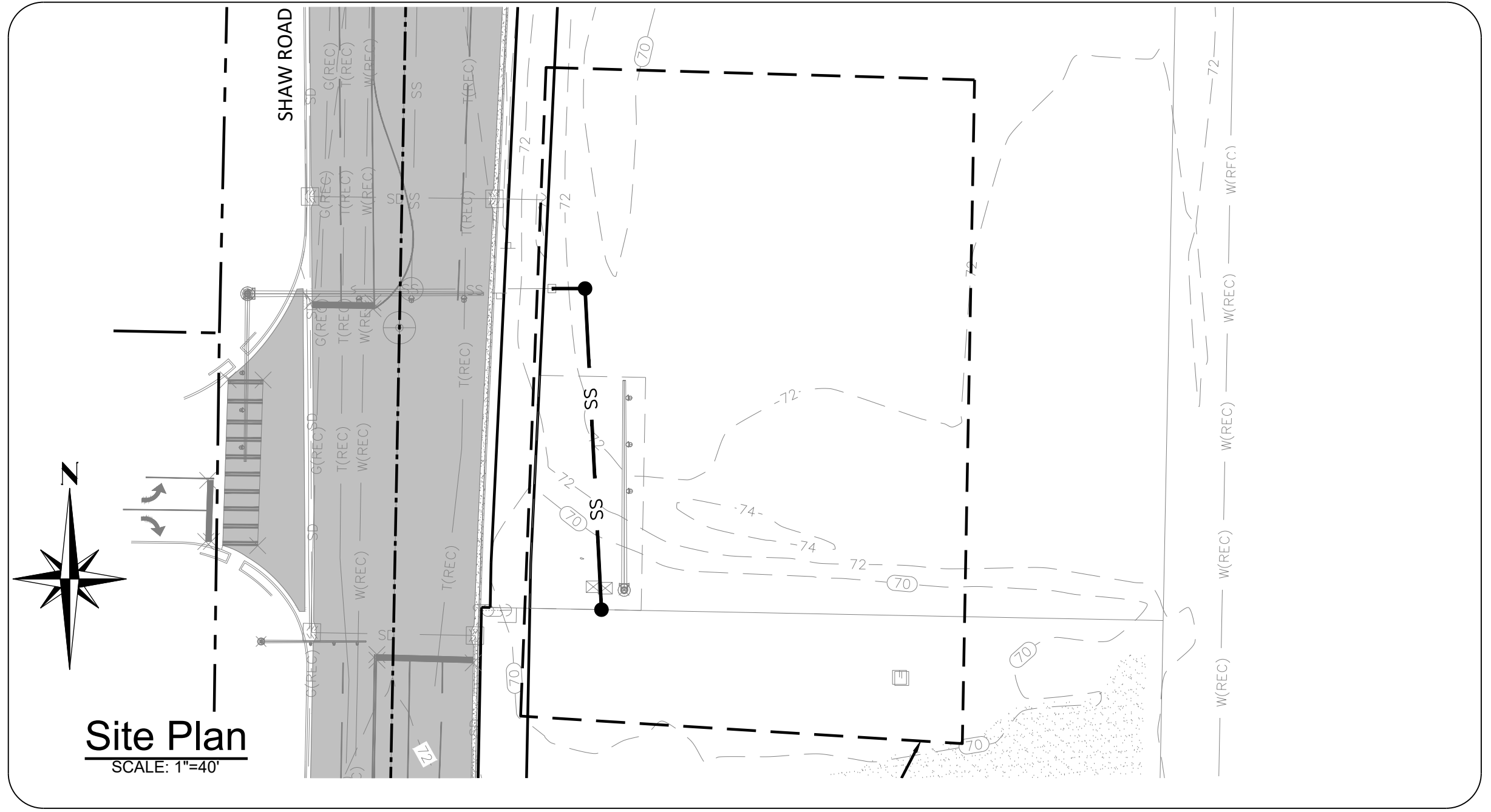
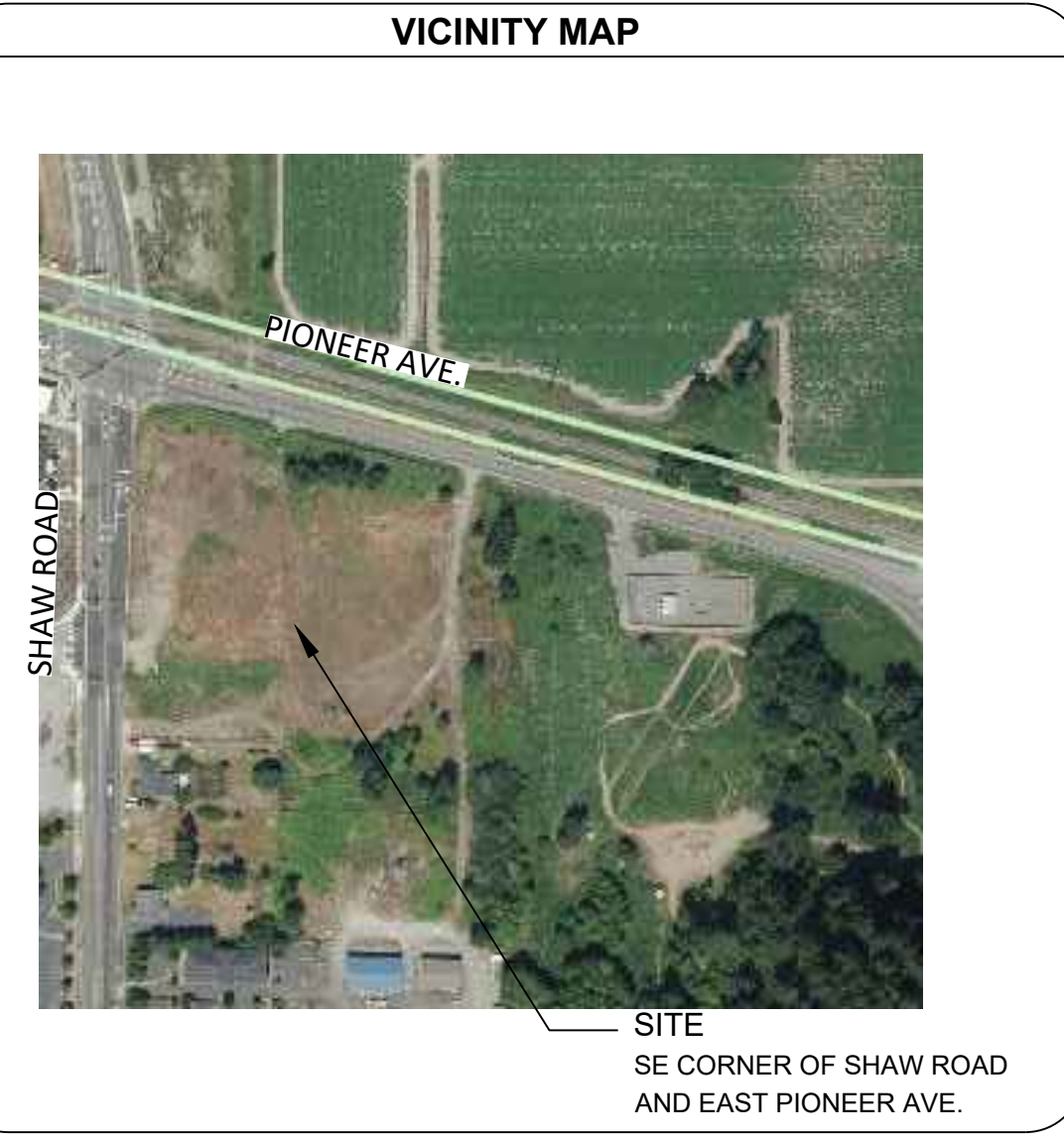
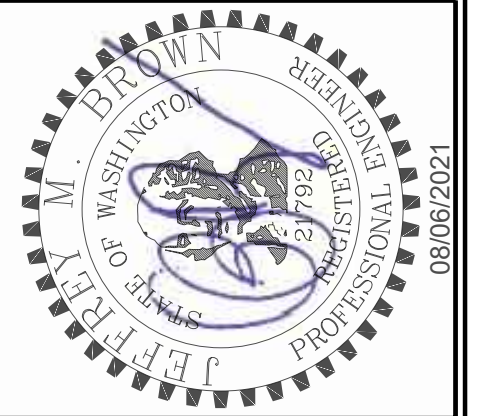
**APPROVED**  
BY: *[Signature]*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING  
DATE: 12/6/2021  
DATE: \_\_\_\_\_

**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 DEVELOPMENT ENGINEERING MANAGER.



East Town Crossing  
Sewer Connection  
COVER SHEET  
Puyallup, WA

FOR: East Town Crossing, LLC.  
1001 Shaw Road  
Puyallup, WA 98372



UTILITIES		
<b>SEWER:</b> CITY OF PUYALLUP 1100 39TH AVENUE SE PUYALLUP, WA 98374 (253) 841-5481	<b>CABLE:</b> COMCAST 410 VALLEY AVENUE NW PUYALLUP, WA 98371 (253) 864-4200	<b>TELEPHONE:</b> COMCAST 410 VALLEY AVENUE NW PUYALLUP, WA 98371 (253) 864-4200
<b>WATER:</b> CITY OF PUYALLUP 1100 39TH AVENUE SE PUYALLUP, WA 98374 (253) 841-5481	<b>POWER:</b> PUGET SOUND ENERGY 14103 8TH STREET EAST SUMNER, WA 98390 (253) 841-6258	<b>REFUSE:</b> WASTE MANAGEMENT REFUSE COMPANY 6350 S 143RD ST TUKWILA, WA 98168 (206) 243-4050
<b>FIRE:</b> DISTRICT #6 902 7TH STREET NW PUYALLUP, WA 98371 (253) 845-6666	<b>SCHOOL:</b> PUYALLUP #3 P.O. BOX 370 PUYALLUP, WA 98371 (253) 841-1301	<b>GAS:</b> PUGET SOUND ENERGY 14103 8TH STREET EAST SUMNER, WA 98390 (253) 841-6258

TABLE OF CONTENTS	
1 of 7	COVER SHEET
2 of 7	MASTER LEGEND
3 of 7	EXISTING SITE CONDITIONS
4 of 7	TESS PLAN
5 of 7	TESS NOTES & DETAILS
6 of 7	SANITARY SEWER SITE PLAN & PROFILE
7 of 7	SANITARY SEWER NOTES & DETAILS

**SURVEYOR'S NOTES**

- HORIZONTAL DATUM: BASIS OF BEARINGS AND SURVEY DATA PER WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.
- BASIS OF BEARING: HELD S 01° 21' 28" W OBSERVED ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF SEC. 35, T. 20 N. R. 4 E. BETWEEN THE NORTHEAST CORNER OF THE NORTHEAST QUARTER MONUMENT AND THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER MONUMENT OF THE SAID SECTION AS SHOWN HEREON.
- VERTICAL DATUM: NAVD88 AS DEFINED BY THE NATIONAL GEODETIC SURVEY (NGS) PROJECT BENCHMARK DESIGNATION: 21 010 PID: DL2774 PUBLISHED ELEVATION: 75.70 FEET (NAVD 88) DESCRIPTION: ENCASED STEEL ROD LOCATED IN EASTERLY GRAVEL SHOULDER AT THE INTERSECTION OF PIONEER WAY AND 134TH AVE. E.
- ALL UTILITY LOCATES HAVE BEEN DETERMINED BY SURFACE LOCATION ONLY EITHER BY PHYSICAL STRUCTURES OR PAINT MARKINGS AS DETERMINED BY UNDERGROUND + UTILITY LOCATE, INC. AND/OR UTILITY COMPANY. GAS PIPE LOCATION WITH IN THE PROPERTY DETERMINED BY MAP PROVIDED BY PUGET SOUND ENERGY, INC. ACTUAL UNDERGROUND LOCATION MAY VARY. EXISTING UTILITIES AS SHOWN MAY NOT BE THE SAME AFTER THIS DATE AS MAJOR CONSTRUCTION IS IN PROGRESS.
- REFERENCE SURVEYS:
  - 200303315001
  - SP 9303315001
  - ROS 821040207
- METHOD OF SURVEYING WAS:
  - CONVENTIONAL TRAVERSE USING A TOPCON 800A TOTAL STATION.
  - MONUMENTS FOUND MARCH 2008

**PHASING**

PHASE 1 - START 1 JUNE 2021, 30 MONTHS FOR FULL BUILD OUT. MULTI FAMILY SITE CONSTRUCTION AND BUILDING CONSTRUCTION.  
PHASE 2 - START 1 JUNE 2021, 30 MONTHS FOR THE FULL BUILD OUT. COMMERCIAL BUILD OUT.  
NOTE: DEPENDING ON THE MARKET, PHASE 1 AND PHASE 2 MAY BE COMBINED.

**OWNER/DEVELOPER:**  
EAST TOWN CROSSING LLC  
GREG HELLE  
1001 SHAW ROAD  
PUYALLUP, WA 98371  
GREG.HELLE@ABSHERCO.COM  
W: (253) 845-9544  
F: (253) 606-6799

**LAND DEVELOPMENT MANAGER:**  
ABBIE ROAD GROUP LAND DEV. SERVICES COMPANY  
GIL HULSMANN  
P.O. BOX 1224  
PUYALLUP, WA 98371  
(253) 435-3699 W  
(253) 446-3159 F  
GIL.HULSMANN@ABBIEROADGROUP.COM

**PROJECT MANAGER:**  
ABBIE ROAD GROUP LAND DEV. SERVICES COMPANY  
GIL HULSMANN  
P.O. BOX 1224  
PUYALLUP, WA 98371  
(253) 435-3699 W  
(206) 446-3159 F  
GIL.HULSMANN@ABBIEROADGROUP.COM

**CIVIL ENGINEER:**  
ABBIE ROAD GROUP LAND DEV. SERVICES COMPANY  
JEFFREY BROWN  
P.O. BOX 1224  
PUYALLUP, WA 98371  
(253) 435-3699 W  
(253) 446-3159 F  
JEFFREY.BROWN@ABBIEROADGROUP.COM

**TRAFFIC ENGINEER:**  
HEATH & ASSOCIATES, INC.  
GREG HEATH, P.E.  
2214 TACOMA ROAD  
PUYALLUP, WA 98371  
(253) 770-1401 W  
(253) 770-1473 F  
HEATHENG@COMCAST.COM

**GEOTECHNICAL ENGINEER:**  
KRAZAN & ASSOCIATES  
VIJAY CHAUDHARY  
PROJECT ENGINEER  
825 CENTER STREET, SUITE A  
TACOMA, WA 98409  
W: (253) 939-2500  
F: (253) 939-2556  
VIJAYCHAUDHARY@KRAZAN.COM

**ARCHITECT:**  
SYNTHESIS 9, LLC  
BRET LINDSAY  
523 N. D. ST  
TACOMA, WASHINGTON 98403  
(253) 468-4117 W  
BLINDSAY@SYNTHESIS9.COM

**LANDSCAPE ARCHITECT:**  
LYON LANDSCAPE ARCHITECTS  
ERIC J. WILLIAMS  
2008 N. CEDAR ST  
TACOMA, WA 98406  
C: (253) 678-4173  
ERIC@LYONLA.COM

**WETLANDS ANALYSIS:**  
JOHN COMIS ASSOCIATION  
222 EAST 26TH ST, #103  
TACOMA, WA 98421  
JCOMIS@JOHNCOMISASSOCIATES.COM  
W: (253) 272-8908  
F: (253) 272-6807

**TRAFFIC SIGNAL:**  
TRANSPORTATION NORTH WEST SYSTEMS  
BRYSON HIJUE, P.E.  
6917 166TH AVE. E.  
SUMNER, WA 98390  
C: (206) 516-6533  
F: (253) 863-9636  
BRYSON@TRANSPORTATIONSYSTEMSINC.COM

**SURVEY:**  
ABBIE ROAD GROUP LAND DEV. SERVICES COMPANY  
LARRY WALKER  
P.O. BOX 1224  
PUYALLUP, WA 98371  
(253) 435-3699 W  
(253) 446-3159 F  
LARRY.WALKER@ABBIEROADGROUP.COM

**STRUCTURAL ENGINEER:**  
PIERUCCI ENGINEERS, LLC  
CHON PIERUCCI  
3128 N. BENNETT ST  
TACOMA, WA 98407  
CPRIERU@HOTMAIL.COM  
C: (206) 949-7866

**PLUMBING/MECH/LIGHTING:**  
ROBISON ENGINEERING INC.  
JON ROBISON  
19401 40TH AVE. W. SUITE 302  
LYNNWOOD, WA 98036  
C: (206) 364-3343  
JROBISON@ROBISONENGINEERING.COM

**FIRE SPRINKLERS:**  
SPRINX FIRE PROTECTION, INC.  
JOE FAULKNER  
2709 JAHN AVE. NW #H2  
GIG HARBOR, WA 98335  
C: (253) 853-7780  
JOE@SPRINXFIRE.COM

**GENERAL CONTRACTORS:**  
KEN RODY  
8705 CANYON ROAD E.  
PUYALLUP, WA 98371  
W: (253) 948-9458  
KRODY@GMAIL.COM  
ADAM RAYGOR  
6210 ALAMEDA AVE. W  
UNIVERSITY PLACE, WA 98467  
C: (253) 961-9976  
ADAMRAYGOR@GMAIL.COM

**TAX PARCEL NO. 0420264051**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249900-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
BEGINNING AT THE INTERSECTION OF THE SOUTH LINE OF SECTION 26, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, WITH THE EAST 1/16TH LINE OF SAID SECTION;  
THENCE SOUTH ALONG THE 1/16TH LINE OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., A DISTANCE OF 95.4 FEET;  
THENCE EAST 258.26 FEET;  
THENCE NORTH TO THE SOUTHERLY LINE OF THE COUNTY ROAD;  
THENCE NORTHWESTERLY ALONG SAID SOUTHERLY LINE OF COUNTY ROAD TO THE EAST 1/16TH LINE OF SAID SECTION 26;  
THENCE SOUTH ALONG SAID 1/16TH LINE TO THE POINT OF BEGINNING;  
EXCEPT THE WEST 30 FEET THEREOF CONVEYED TO PIERCE COUNTY BY DEED RECORDED UNDER RECORDING NO. 1618885 FOR SHAW COUNTY ROAD;  
ALSO EXCEPT THEREFROM THAT PORTION CONVEYED TO THE CITY PUYALLUP BY INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 9408230215, BEING A RE-RECORD OF INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 9308310480;  
AND ALSO EXCEPT ANY PORTION THEREOF LYING SOUTHERLY AND WESTERLY OF A LINE DESCRIBED AS BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35, HEREINAFTER CALLED "POINT A";  
THENCE SOUTH ALONG THE 1/16TH LINE 95.4 FEET TO THE TRUE POINT OF BEGINNING OF THE LINE TO BE DESCRIBED;  
THENCE EAST 258.35 FEET;  
THENCE SOUTH TO A POINT 485.4 FEET SOUTH OF AND 258.35 FEET EAST OF "POINT A";  
THENCE SOUTH TO THE EAST LINE OF SAID PREMISES AND THE TERMINUS OF SAID LINE, SAID POINT ALSO BEING DESCRIBED AS THE SOUTHWEST CORNER OF LOT 3 OF BOUNDARY LINE ADJUSTMENT RECORDED UNDER AUDITOR'S FILE NO. 200303315001;  
SITUATE IN THE CITY PUYALLUP, COUNTY OF PIERCE STATE OF WASHINGTON.  
**TAX PARCEL NO. 0420264053**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249901-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, AND THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 26, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:  
COMMENCING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 640.11 FEET FROM A BRASS IN CONCRETE MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 35;  
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 54.00 FEET TO THE TRUE POINT OF BEGINNING;  
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 437.43 FEET TO POINT LYING  
SOUTH 88°53'30" EAST, 405.26 FEET OF THE EASTERLY EXTENSION OF THE NORTH LINE OF LOT 2 OF PIERCE COUNTY SHORT PLAT NO. 9303010321;  
THENCE ALONG THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2, NORTH 01°06'30" EAST, 789.89 FEET TO THE SOUTHERLY MARGIN OF PIONEER WAY;  
THENCE ALONG SAID SOUTHERLY MARGIN, SOUTH 74°08'09" EAST, 272.98 FEET TO A LINE LYING 263.84 FEET EAST OF AND PARALLEL WITH THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2;  
THENCE ALONG SAID PARALLEL LINE, SOUTH 01°06'30" WEST, 282.06 FEET TO A LINE 84.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF SECTION 35;  
THENCE ALONG SAID PARALLEL LINE, SOUTH 88°32'51" EAST, 142.38 FEET TO THE TRUE POINT OF BEGINNING;  
EXCEPT THE SOUTH 145.00 FEET THEREOF.

**TAX PARCEL NO. 0420351099**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249904-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.  
**TAX PARCEL NO. 0420264054**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249902-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, AND THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 26, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:  
BEGINNING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 640.11 FEET FROM A BRASS IN CONCRETE MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 35;  
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 54.00 FEET;  
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 35, NORTH 88°32'51" WEST, 142.38 FEET;  
THENCE NORTH 01°06'30" EAST, 282.06 FEET TO THE SOUTHERLY MARGIN OF PIONEER WAY;  
THENCE ALONG SAID SOUTHERLY MARGIN, SOUTH 74°08'09" EAST, 179.36 FEET TO A LINE LYING 30.48 FEET EAST OF AND PARALLEL WITH EAST LINE OF THE WEST HALF OF THE NORTH EAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35;  
THENCE ALONG SAID PARALLEL LINE, SOUTH 01°15'04" WEST, 183.43 FEET TO THE NORTH LINE OF SAID SECTION 35;  
THENCE ALONG SAID NORTH LINE, NORTH 88°32'51" WEST, 30.48 FEET TO THE POINT OF BEGINNING;  
(ALSO KNOWN AS LOT 5 OF RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT RECORDED MARCH 31, 2003 UNDER RECORDING NO. 200303315001).  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.  
**TAX PARCEL NO. 0420351098**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249903-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
COMMENCING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 640.11 FEET FROM A BRASS IN CONCRETE MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 35;  
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 491.43 FEET TO A POINT LYING  
SOUTH 88°53'30" EAST, 405.26 FEET TO THE EASTERLY EXTENSION OF THE NORTH LINE OF LOT 2 OF THE PIERCE COUNTY SHORT PLAT NO. 9303010321 AND THE TRUE POINT OF BEGINNING;  
THENCE ALONG SAID NORTH LINE, NORTH 88°53'30" WEST, 405.26 FEET TO THE NORTHEAST CORNER OF SAID LOT 2;  
THENCE ALONG THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2, NORTH 01°06'30" EAST, 145.00 FEET;  
THENCE SOUTH 88°53'30" EAST 405.62 FEET TO THE EAST LINE OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35;  
THENCE ALONG SAID EAST LINE SOUTH 01°15'04" WEST, 145.00 FEET TO THE TRUE POINT OF BEGINNING  
(ALSO KNOWN AS LOT 3 OF RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT RECORDED MARCH 31, 2003 UNDER RECORDING NO. 200303315001).  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

**TAX PARCEL NO. 0420351099**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249904-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
BEGINNING AT THE SIXTEENTH SECTION CORNER OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, 1321.48 FEET WEST OF THE CORNER COMMON TO SECTIONS 25, 26, 35 AND 36 IN TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;  
THENCE SOUTH ALONG THE SIXTEENTH SECTION 95.4 FEET TO THE TRUE POINT OF BEGINNING;  
THENCE EAST 258.26 FEET;  
THENCE SOUTH 100 FEET;  
THENCE WEST 258.26 FEET;  
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.  
EXCEPT SHAW COUNTY ROAD.  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.  
**TAX PARCEL NO. 0420351029**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-1E DATED JANUARY 22, 2021 AT 8:00 A.M.  
BEGINNING AT THE 1/16 SECTION CORNER, 1321.48 FEET WEST OF CORNER MONUMENT COMMON TO SECTIONS 25, 26, 35 AND 36 IN TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;  
THENCE SOUTH ALONG THE 1/16 SECTION LINE 294.5 FEET TO THE TRUE POINT OF BEGINNING;  
THENCE EAST 258.35 FEET;  
THENCE SOUTH 100 FEET;  
THENCE WEST 258.35 FEET;  
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.  
EXCEPT SHAW COUNTY ROAD.  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.  
**TAX PARCEL NO. 0420351029**  
PER CW TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249906-T35 DATED JANUARY 22, 2021 AT 8:00 A.M.  
BEGINNING AT THE 1/16 SECTION CORNER, 1321.48 FEET WEST OF CORNER MONUMENT COMMON TO SECTIONS 25, 26, 35 AND 36 IN TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;  
THENCE SOUTH ALONG THE 1/16 SECTION LINE 294.5 FEET TO THE TRUE POINT OF BEGINNING;  
THENCE EAST 258.35 FEET;  
THENCE SOUTH 100 FEET;  
THENCE WEST 258.35 FEET;  
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.  
EXCEPT SHAW COUNTY ROAD.  
SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

REVISIONS:	CHK:	APR:	DATE:	PER:									
BY:													
JOB #:	06-171-1	DESIGNED BY:	JMB	DEVELOPMENT REVIEW:	PRB	APPROVED BY:	GH	DRAFTED BY:	HJU	DATE:	08/06/2021	SHEET:	1 of 7



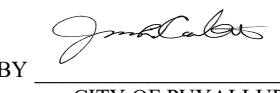
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.  
**CALL BEFORE YOU DIG (811)**  
**WWW.WASHINGTON811.COM**

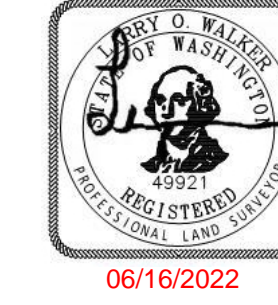


# EAST TOWN CROSSING - SEWER CONNECTION

## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

**RECORD DRAWINGS  
SURVEY AS-BUILT**

**APPROVED**  
 BY:   
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 12/6/2021  
**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 DEVELOPMENT ENGINEERING MANAGER.



East Town Crossing  
Sewer Connection  
**MASTER LEGEND**  
Puyallup, WA

### MASTER LEGEND

CHANNELIZATION		SYMBOL	DESCRIPTION
EXST	PROP		
			BIKE PATH
			HANDICAP SYMBOL
			H.O.V. LANE SYMBOL
			ONLY
			RAILROAD CROSSING
			SCHOOL
			STOP
			LANE CONTROL ARROWS: STRAIGHT ARROW
			LT, RT, STR. ARROW
			LEFT-RIGHT ARROW

SIGNALIZATION		SYMBOL	DESCRIPTION
EXST	PROP		
			<b>AERIAL:</b> AERIAL DISCONNECT
			AERIAL TERMINAL COMPARTMENT
			<b>DETECTORS:</b> DETECTOR LOOP TYPE I
			DETECTOR LOOP TYPE II
			PEDESTRIAN DETECTOR
			<b>EMERGENCY VEHICLE INDICATOR LIGHTS:</b> FLASHING WARNING SYSTEM
			INDICATOR LIGHTS
			EVP SENSOR
			EVP SENSOR W/ INDICATOR LIGHTS
			<b>J BOX/CONTROLLERS:</b> JUNCTION BOX (TYPE I, II, III)
			CONTROL CABINET
			SERVICE CABINET
			<b>NOTES:</b> POLE NOTE
			WIRE NOTE

WATER		SYMBOL	DESCRIPTION
EXST	PROP		
			CAP/PLUG
			COUPLING
			GUARD POST
			REDUCER
			THRUST BLOCK
			SPRINKLER HEAD
			WATER METER
			FIRE HYDRANTS: 2-NOZZLE 3-NOZZLE
			<b>JOINTS:</b> FLANGE/BLIND FL
			MECHANICAL
			PUSH-ON/HUB
			THREAD
			<b>VALVES:</b> AIR RELIEF
			BLOW-OFF
			BUTTERFLY
			CHECK
			GATE/GENERAL
			PLUG VALVE
			ADAPTER, FL. x M.J.
			<b>BENDS:</b> 90 DEGREE BEND, FL. 45 DEGREE BEND, FL. 22.5 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 45 DEGREE BEND, M.J. 22.5 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. VERTICAL BEND, FL. VERTICAL BEND, M.J.
			<b>REDUCERS:</b> REDUCER, FL. REDUCER, M.J. REDUCER, M.J. x FL. REDUCER, M.J. x P.E. REDUCER, P.E. x M.J. FL. x M.J.
			<b>TEES:</b> TAPPING TEE & VALVE FL. x M.J. TEE, FL. TEE, M.J. TEE, M.J. x FL.
			<b>VALVES:</b> BUTTERFLY VALVE FL. x M.J. BUTTERFLY VALVE, M.J. GATE VALVE, FL. x M.J. GATE VALVE, M.J.

UTILITIES		SYMBOL	DESCRIPTION
EXST	PROP		
			GAS METER
			GAS VALVE
			GAS VENT/BLOW-OFF
			PAD MOUNTED TRANSFORMER
			POWER VAULT
			TRANSMISSION TOWER
			UTILITY POLE
			UTILITY POLE ANCHOR
			TELEPHONE RISER
			TELEPHONE VAULT
			TELEPHONE BOOTH
			MISC UTIL BOX
			MISC UTIL MANHOLE
			CONDUIT
			GUY POLE

NOTES: EXISTING UTILITY COLORS CORRESPOND TO COLOR CODE SPECIFIED BY THE UTILITIES UNDERGROUND LOCATION CENTER AS FOLLOWS:  
 ELECTRIC/POWER - RED (1)  
 GAS & OIL - YELLOW (2)  
 PHONE & CATV - ORANGE (30)  
 WATER - BLUE (5)  
 SEWER - GREEN (106)

CHANNELIZATION		SYMBOL	DESCRIPTION
EXIST.	PROP.		
			2-WAY LEFT TURN
			LEFT TURN ARROW
			RIGHT TURN ARROW
			LEFT-STRAIGHT ARROW
			RIGHT-STRAIGHT ARROW
			<b>RAISED MARKERS:</b> LANE MARKERS TYPE I
			LANE MARKERS TYPE II
			CONCRETE BARRIER*
			CONCRETE BARRIER TERMINAL END*

SIGNALIZATION		SYMBOL	DESCRIPTION
EXIST.	PROP.		
			<b>POLES:</b> PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
			SIGNAL POLE TYPE I *
			SIGNAL POLE TYPE II *
			SIGNAL POLE TYPE III *
			STREET LIGHT ASSEMBLY
			<b>RAILROAD CROSSING:</b> R/R CROSSING GATE
			R/R CROSSING SIGNAL
			<b>SIGNAL HEADS:</b> PEDESTRIAN SIGNAL HEAD
			VEHICLE SIGNAL HEAD
			<b>TRAFFIC SIGNS:</b> SIGN *
			BRIDGE
			CANTILEVERED
			DOUBLE POST
			SINGLE POST


SURVEY		SYMBOL	DESCRIPTION
THEOR./ EXIST.	FOUND/ PROP.		
			ANGLE POINT
			BENCH MARK
			BLOCK CORNER
			IRON PIPE
			MONUMENT (IN CASE)
			MONUMENT (SURFACE)
			OWNERSHIP TIE
			SECTION DATA:
			SECTION CENTER
			QUARTER CORNER
			SIXTEENTH CORNER
			CLOSING CORNER
			MEANDER CORNER
			WITNESS CORNER
			SOIL BORING
			SPOT ELEVATION
			TAX LOT / ASSESSOR NUMBER

SANITARY/STORM		SYMBOL	DESCRIPTION
EXST	PROP		
			SAN. SEWER CLEAN OUT
			SAN. SEWER MANHOLE
			STORM DRAIN CATCH BASIN
			STORM DRAIN * CULVERT
			MANHOLE STORM DRAIN
			STORM DRAIN DRYWELL
			STORM DRAIN INLET
			SEPTIC TANK
			LOG WEIR
			STORM DRAINAGE RESTRICTOR/OIL POLLUTION CONTROL DEVICE

SURFACE FEATURES		SYMBOL	DESCRIPTION
EXST	PROP		
			BUS STOP
			EMBANKMENT
			MAIL BOX
			RIP RAP
			ROCKERY
			SHRUB
			SIGN
			TREE (Conifer)
			TREE (Deciduous)
			YARD LIGHT
			MARSH/WETLANDS

ABBREVIATIONS	
AC = ASPHALTIC CONCRETE SURFACE	PT = POINT
BRW = BOTTOM OF RETAINING WALL	PVC = POLY VINYL CHLORIDE
BR = BOTTOM OF ROCKERY	R = RADIUS
BS = BOTTOM OF SWALE	ROW = RIGHT OF WAY
CB = CATCH BASIN	SF = SQUARE FEET
CC = CONCRETE CURB	SL = SLOPE
CG = CONCRETE GUTTER	SS = SANITARY SEWER
CL = CENTERLINE	SSCO = SANITARY SEWER CLEANOUT
CONC = CONCRETE	SSMH = SANITARY SEWER MANHOLE
CTR = CENTER	SD = STORM DRAIN
DI = DUCTILE IRON	TA = TOP OF ASPHALT
EA = EDGE OF ASPHALT	TC = TOP OF CONCRETE
EX = EXISTING	TRW = TOP OF RETAINING WALL
FF = FINISH FLOOR	TR = TOP OF ROCKERY
FL = FLOW LINE	TW = TOP OF SIDEWALK
G = GAS MAIN	TYP = TYPICAL
HC = HANDICAP PARKING STALL	W = WATER
IE = INVERT ELEVATION	VP = VENT PIPE
LS = LANDSCAPE	(P) = PER PLAT UNDER RECORDING
OHP = OVERHEAD POWER	(M) = MEASURED DATA
P = PROPERTY LINE	(R) = RECORD DATA

SURFACES	
	ASPHALT
	CLEARING LIMITS
	CONCRETE
	FILTER FABRIC FENCE
	INTERCEPTOR SWALE
	PARKING COUNT

FOR:  06/06/2021

Abbey Road Group  
Land Development  
Services Company, LLC  
2102 E MAIN AVE, SUITE 109  
PUYALLUP, WA 98372  
P.O. Box 1224, Puyallup, WA 98371  
(253) 435-3699, Fax (253) 446-3159

**Abbey Road GROUP**

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

CALL BEFORE YOU DIG (811)  
WWW.WASHINGTON811.COM

REVISIONS:	CHK:	APR:	DATE:	PER:
BY:				
JOB #: 06-171-1	DESIGNED BY: JMB	DEVELOPMENT REVIEW: PRB	APPROVED BY: GH	DRAFTED BY: HJU
			DATE: 08/06/2021	SHEET: 2 of 7





© 2021 Abbey Road Group Land Development Services Company, LLC, Puyallup, WA. All rights reserved.  
 These drawings, plans, specifications and other documents, including those in electronic form, are owned by Abbey Road Group Land Development Services Company, LLC and it retains all common law, statutory and other reserved rights, including copyrights.  
 These drawings, plans, specifications and other documents cannot be copied, distributed, submitted to others (including governmental agencies and lenders) without the express written consent of Abbey Road Group Land Development Services Company, LLC.

# EAST TOWN CROSSING - SEWER CONNECTION

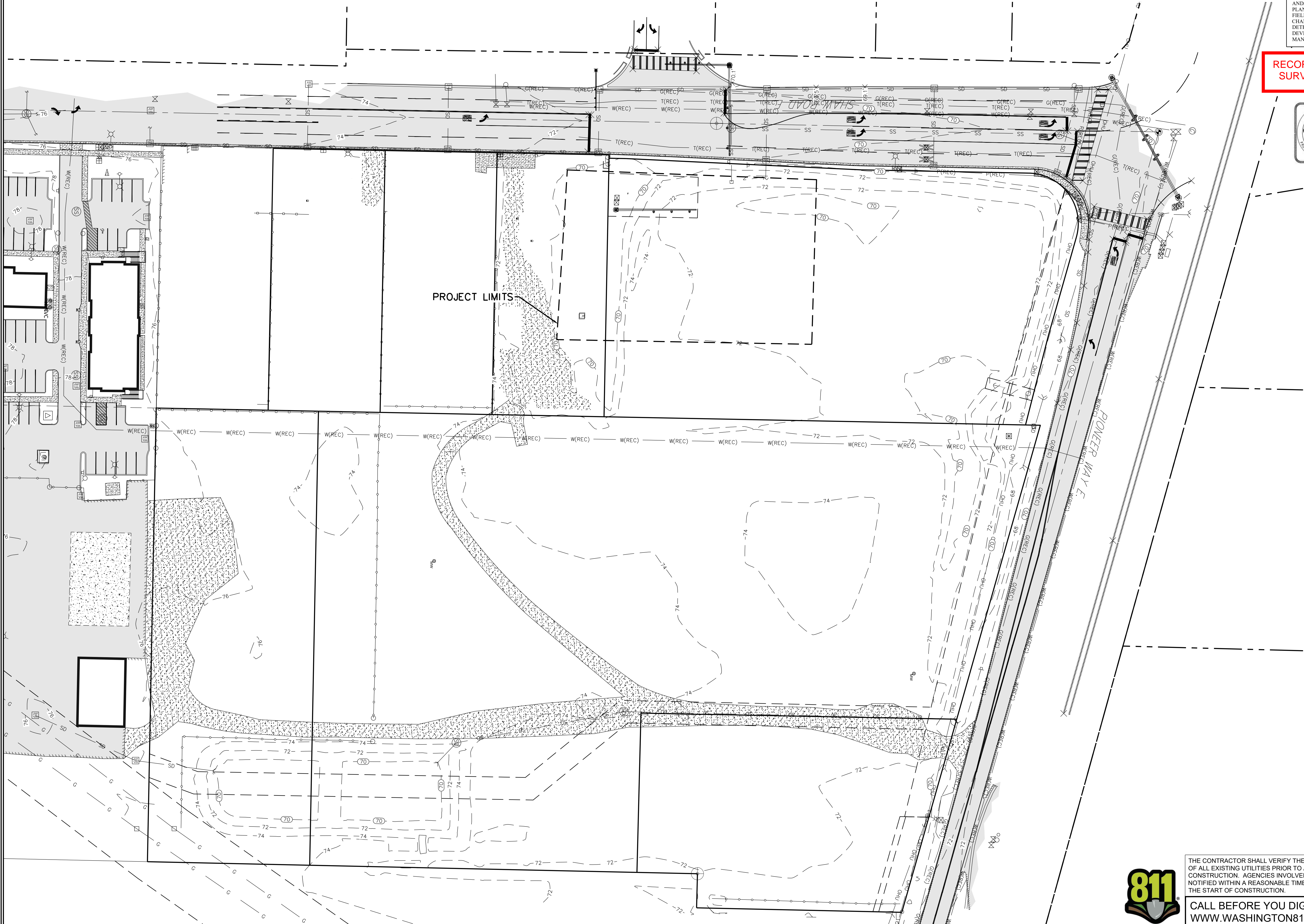
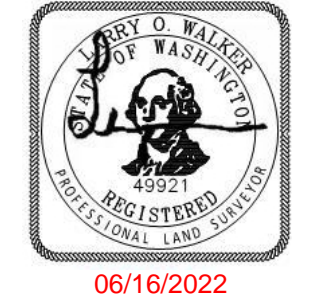
## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

### EXISTING SITE CONDITIONS



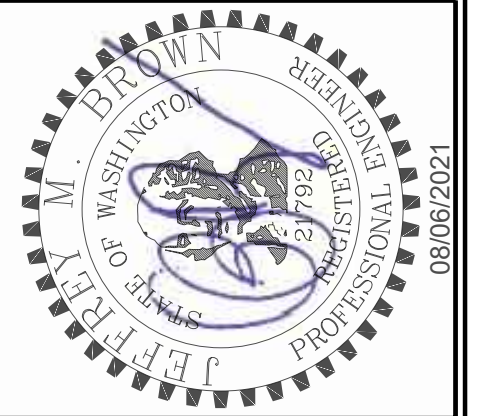
**APPROVED**  
 BY: *[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 12/6/2021  
 NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

**RECORD DRAWINGS  
 SURVEY AS-BUILT**

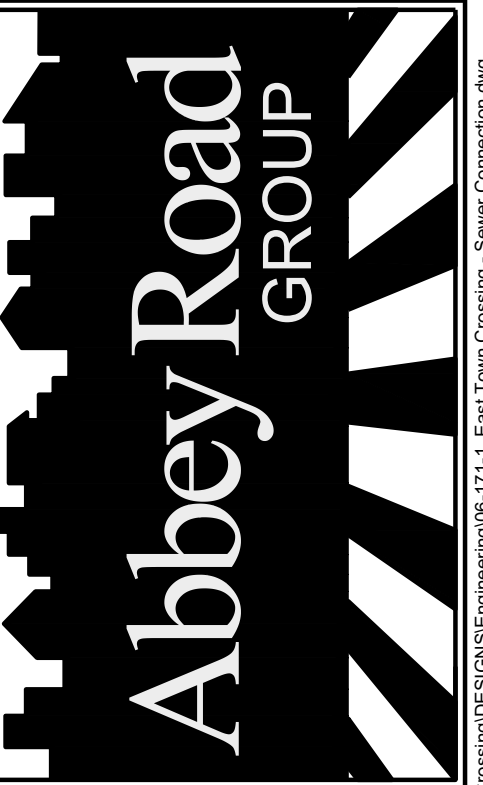


East Town Crossing  
 Sewer Connection  
 Puyallup, WA

FOR: East Town Crossing, LLC.  
 1001 Shaw Road  
 Puyallup, WA 98372



Abbey Road Group  
 Land Development  
 Services Company, LLC  
 2102 E MAIN AVE, SUITE 109  
 PUYALLUP, WA 98372  
 P.O. Box 1224, Puyallup, WA 98371  
 (253) 435-3699, Fax (253) 446-3159



REVISIONS:	CHK:	APR:	DATE:	PER:
BY:				
JOB #:	06-171-1			
DESIGNED BY:	JMB			
DEVELOPMENT REVIEW:	PRB			
APPROVED BY:	GH			
DRAFTED BY:	HPJ			
DATE:	08/06/2021			
SHEET:	3 of 7			



THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.  
 CALL BEFORE YOU DIG (811)  
 WWW.WASHINGTON811.COM

File: T:\PROJECTS\FILES\ACTIVE\06-171-01\East Town Crossing\DESIGN\0811-1\_East Town Crossing - Sewer Connection.dwg  
 Plotted: 8/16/2021 1:22:44  
 Plotted by: Hanson\_Janet@rdg



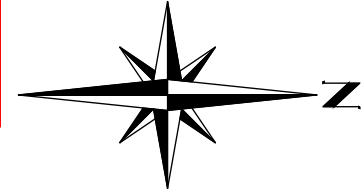
© 2021 Abbey Road Group Land Development Services Company, LLC, Puyallup, WA All rights reserved.  
 These drawings, plans, specifications and other documents, including those in electronic form, are owned by Abbey Road Group Land Development Services Company, LLC and it retains all common law, statutory and other reserved rights, including copyrights.  
 These drawings, plans, specifications and other documents cannot be copied, distributed, submitted to others (including governmental agencies and lenders) without the express written consent of Abbey Road Group Land Development Services Company, LLC.

# EAST TOWN CROSSING - SEWER CONNECTION

## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

### TESC PLAN

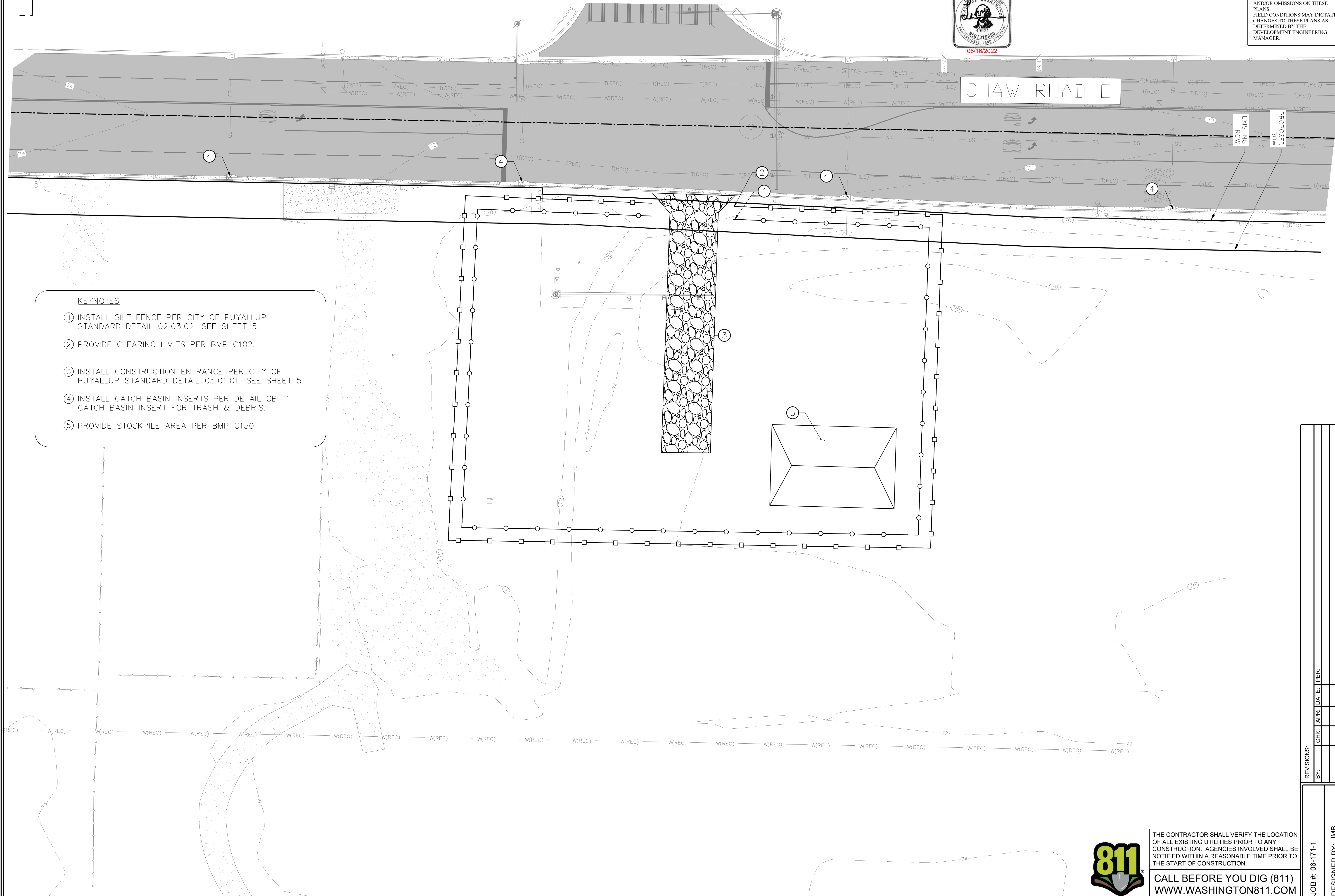
**RECORD DRAWINGS  
 SURVEY AS-BUILT**



0 10 20 40  
 SCALE: 1" = 20'  
 FOR 24" x 36" SHEET  
 LINE IS 1" AT  
 FULL SCALE

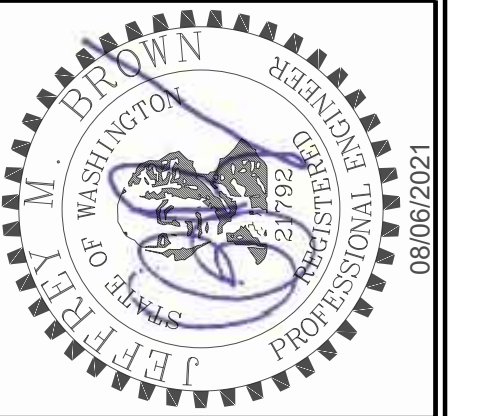
**APPROVED**  
 BY: *J. M. Brown*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 12/6/2021  
 NOTE: THIS APPROVAL IS VOID  
 AFTER 180 DAYS FROM APPROVAL  
 DATE.  
 THE CITY WILL NOT BE  
 RESPONSIBLE FOR ERRORS  
 AND/OR OMISSIONS ON THESE  
 PLANS.  
 FIELD CONDITIONS MAY DICTATE  
 CHANGES TO THESE PLANS AS  
 DETERMINED BY THE  
 DEVELOPMENT ENGINEERING  
 MANAGER.

East Town Crossing  
 Sewer Connection  
 TESC PLAN  
 Puyallup, WA

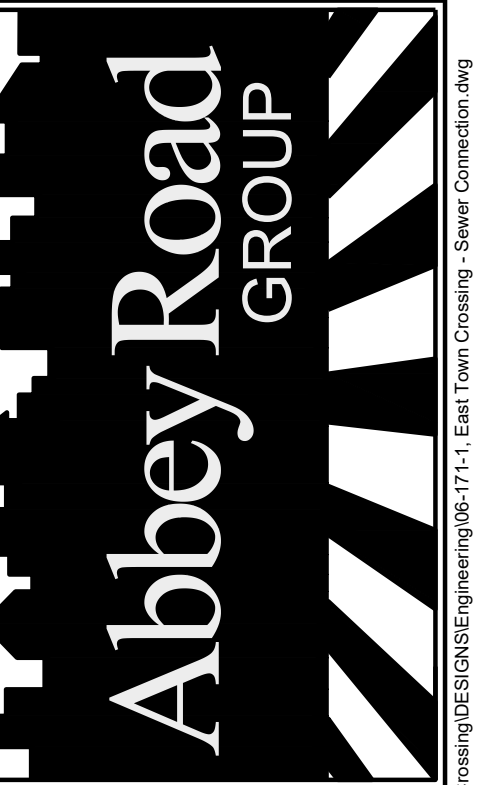


- KEYNOTES**
- ① INSTALL SILT FENCE PER CITY OF PUYALLUP STANDARD DETAIL 02.03.02. SEE SHEET 5.
  - ② PROVIDE CLEARING LIMITS PER BMP C102.
  - ③ INSTALL CONSTRUCTION ENTRANCE PER CITY OF PUYALLUP STANDARD DETAIL 05.01.01. SEE SHEET 5.
  - ④ INSTALL CATCH BASIN INSERTS PER DETAIL CBI-1 CATCH BASIN INSERT FOR TRASH & DEBRIS.
  - ⑤ PROVIDE STOCKPILE AREA PER BMP C150.

FOR: East Town Crossing, LLC.  
 1001 Shaw Road  
 Puyallup, WA 98372



Abbey Road Group  
 Land Development  
 Services Company, LLC  
 2102 E MAIN AVE, SUITE 109  
 PUYALLUP, WA 98372  
 P.O. Box 1224, Puyallup, WA 98371  
 (253) 435-3699, Fax (253) 446-3159



REVISIONS:	CHK:	APR:	DATE:	PER:	
BY:					
JOB #:	06-171-1	DESIGNED BY:	JMB	DEVELOPMENT REVIEW:	PRB
APPROVED BY:	GH	DRAFTED BY:	HPJ	DATE:	08/06/2021
SHEET:	4 of 7				



THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.  
**CALL BEFORE YOU DIG (811)**  
 WWW.WASHINGTON811.COM

File: T:\PROJECTS\FILES\ACTIVE\06-171-01-East Town Crossing\DESIGN\08-17-21-East Town Crossing - Sewer Connection.dwg  
 Plotted: 8/16/21 1:24:44 PM  
 Plotted by: Hanson, Justin





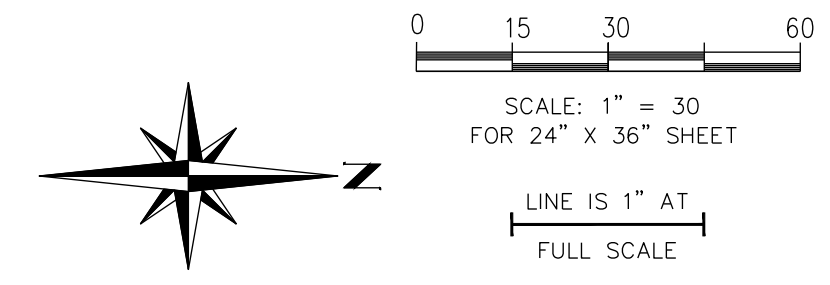


© 2021 Abbey Road Group Land Development Services Company, LLC, Puyallup, WA All rights reserved.  
 These drawings, plans, specifications and other documents, including those in electronic form, are owned by Abbey Road Group Land Development Services Company, LLC and it retains all common law, statutory and other reserved rights, including copyrights.  
 These drawings, plans, specifications and other documents cannot be copied, distributed, submitted to others (including governmental agencies and lenders) without the express written consent of Abbey Road Group Land Development Services Company, LLC.

# EAST TOWN CROSSING - SEWER CONNECTION

## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

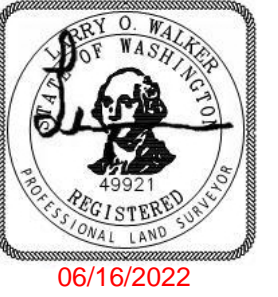
### SANITARY SEWER SITE PLAN & PROFILE



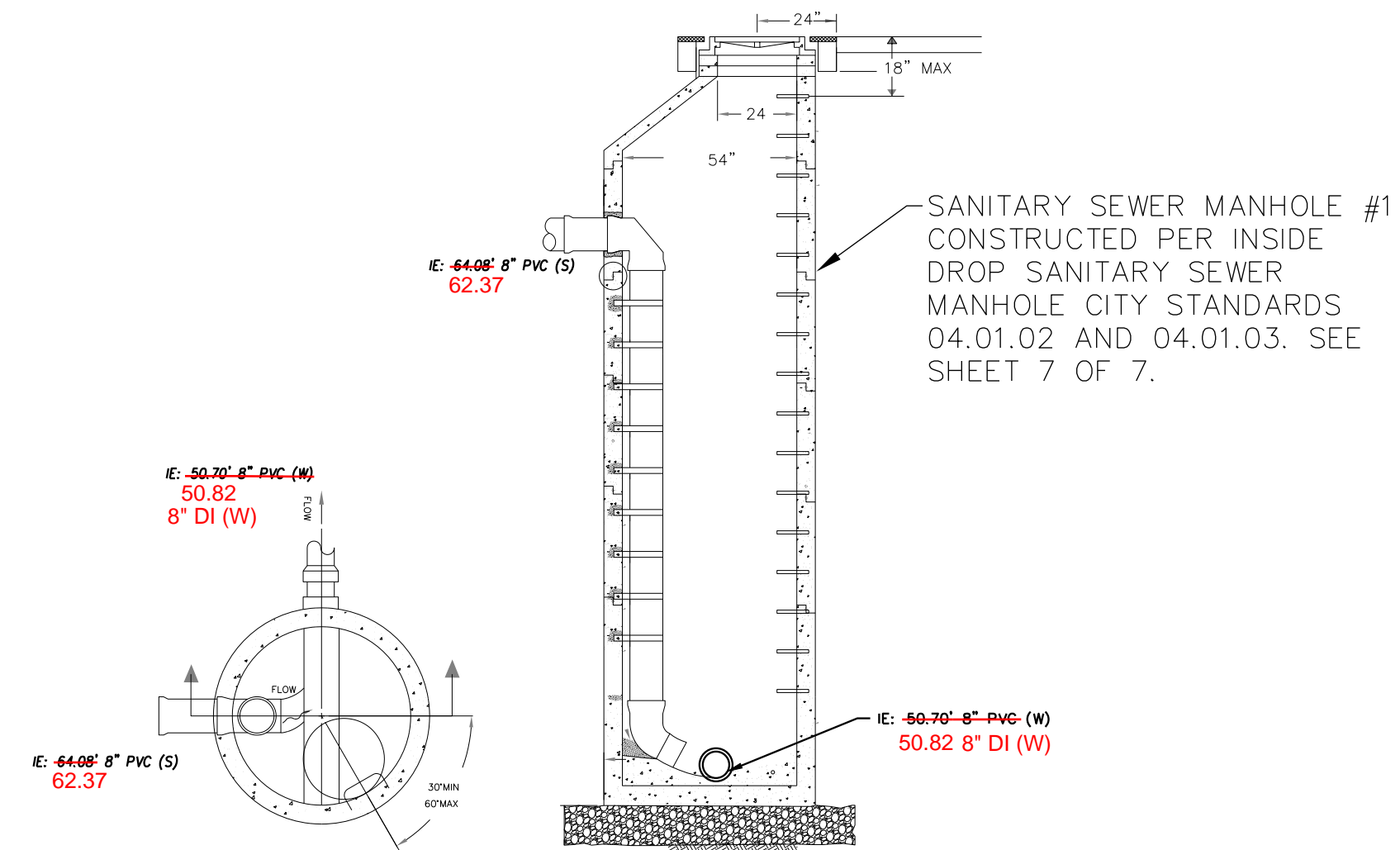
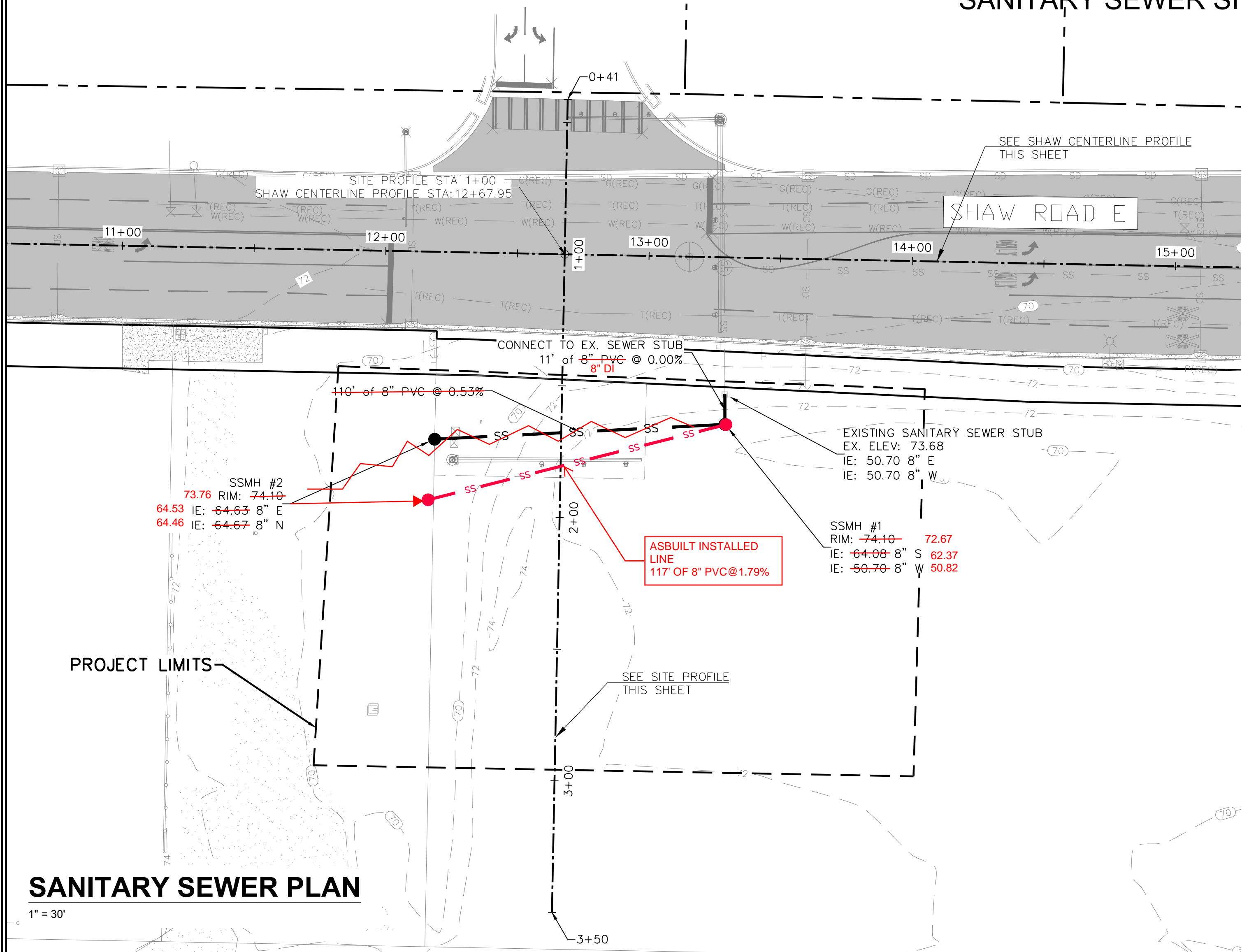
**APPROVED**  
 BY: [Signature]  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: **12/6/2021**  
 NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

**East Town Crossing  
 Sewer Connection  
 SANITARY SEWER SITE  
 PLAN & PROFILE**  
 Puyallup, WA

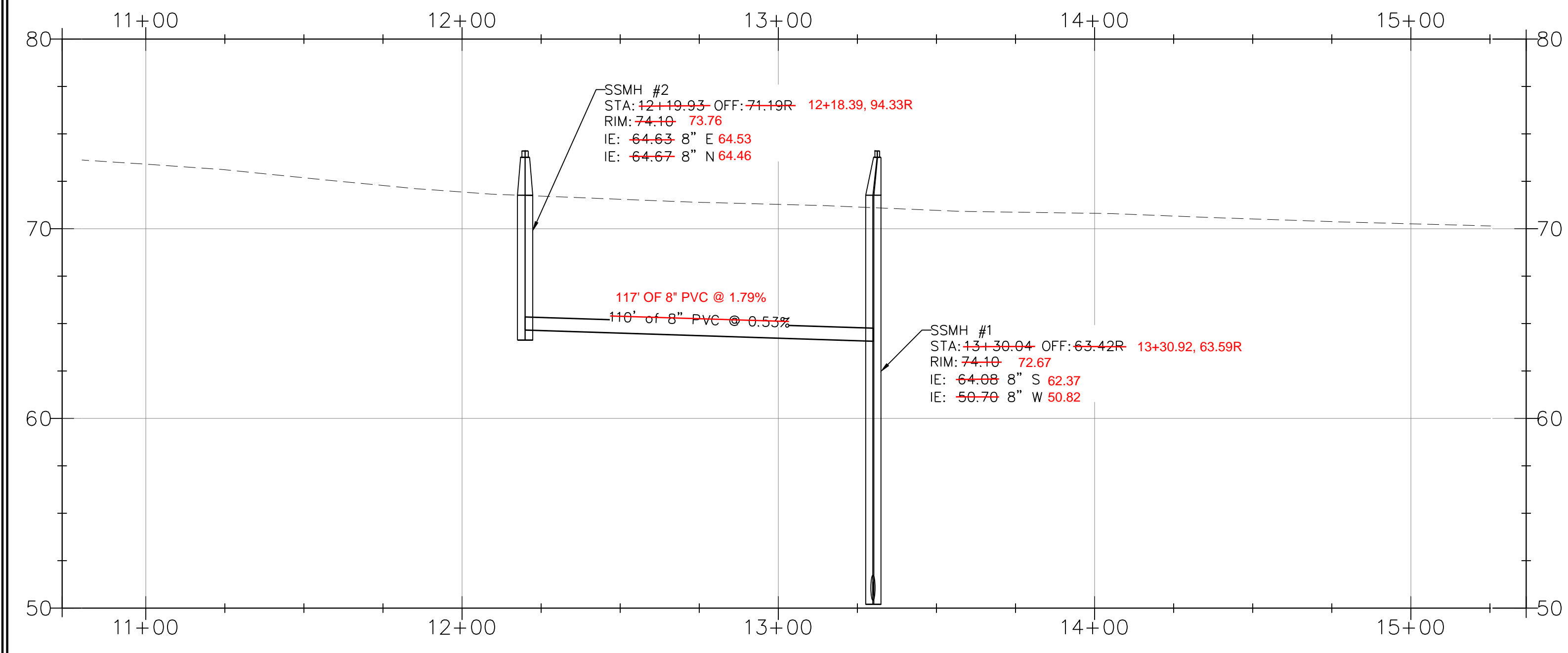
**RECORD DRAWINGS  
 SURVEY AS-BUILT**



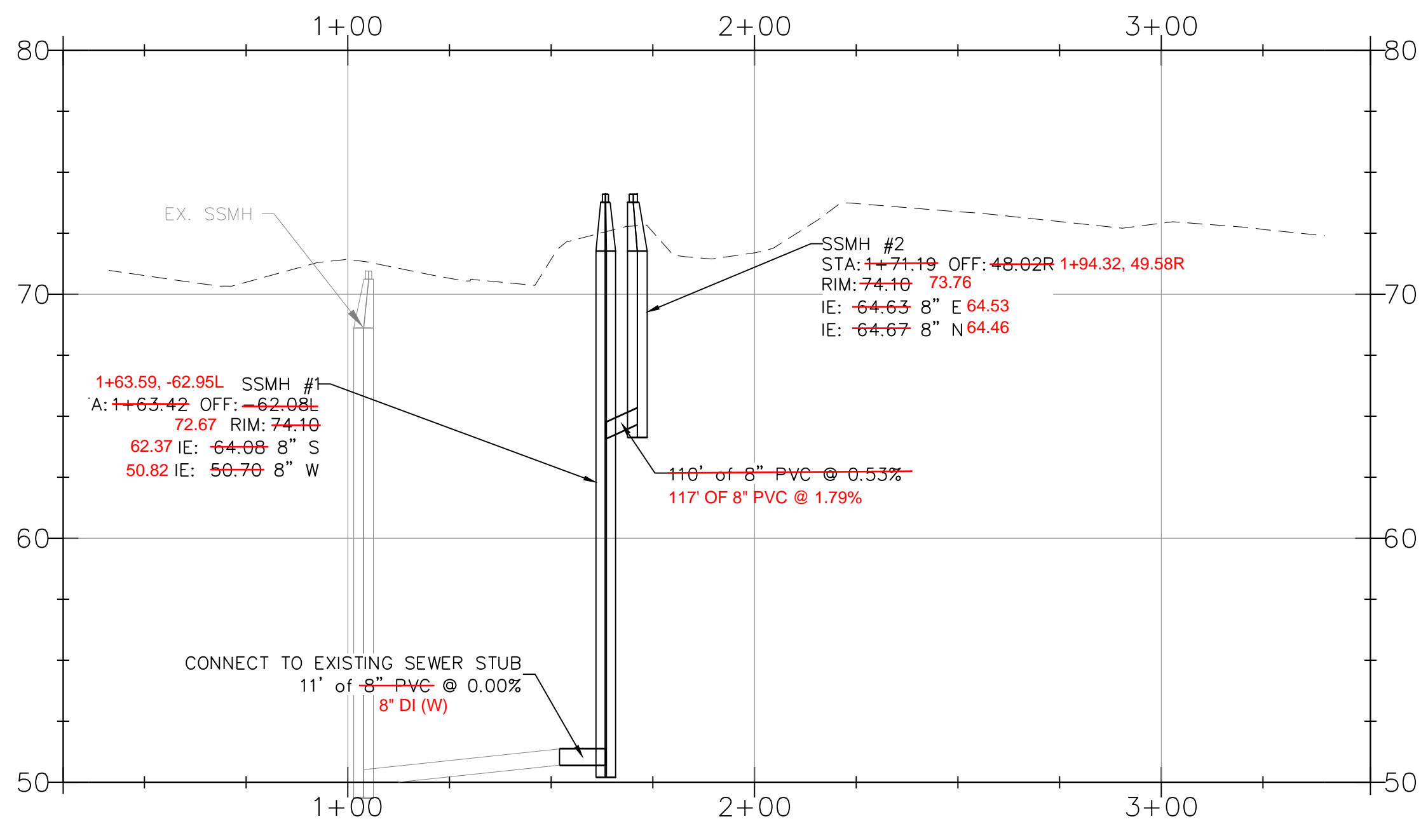
**NOTES**  
 SANITARY SEWER MANHOLES #1 AND #2 TO BE CONSTRUCTED. PROJECTED FUTURE DEVELOPMENT DISPLAYED ONLY AS A REFERENCE.



**SSMH #1 DETAIL**



**SHAW CENTERLINE PROFILE**  
 HORZ. SCALE: 1" = 30'  
 VERT. SCALE: 1" = 5'



**SITE PROFILE**  
 HORZ. SCALE: 1" = 30'  
 VERT. SCALE: 1" = 5'

<p>Abbey Road Group          Land Development          Services Company, LLC          2102 E MAIN AVE, SUITE 109          PUYALLUP, WA 98372          P.O. Box 1224, Puyallup, WA 98371          (253) 435-3899, Fax (253) 446-3159</p>	<p>FOR: <b>East Town Crossing, LLC.</b>          1001 Shaw Road          Puyallup, WA 98372</p>		<p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>CHK.</th> <th>APR.</th> <th>DATE</th> <th>PER.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	CHK.	APR.	DATE	PER.						<p>DESIGNED BY: JMB          DEVELOPMENT REVIEW: PRB          APPROVED BY: GH          DRAFTED BY: HPU          DATE: 08/06/2021          SHEET: 6 of 7</p>	<p><b>Abbey Road GROUP</b></p>
NO.	CHK.	APR.	DATE	PER.											



THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.  
**CALL BEFORE YOU DIG (811)**  
**WWW.WASHINGTON811.COM**

File: T:\PROJECTS\FILES\ACTIVE\06-171-01-East Town Crossing\DESIGN\08-17-11-East Town Crossing - Sewer Connection.dwg  
 Plotted: 8/16/2021 10:54 AM  
 Plotted by: Hanson, Justin



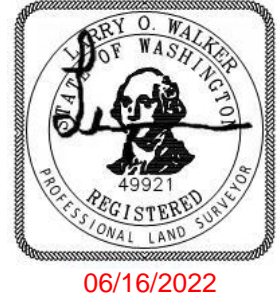
# EAST TOWN CROSSING - SEWER CONNECTION

## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

### SANITARY SEWER NOTES & DETAILS

**APPROVED**  
 BY: *[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 12/6/2021  
 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 DEVELOPMENT ENGINEERING MANAGER.

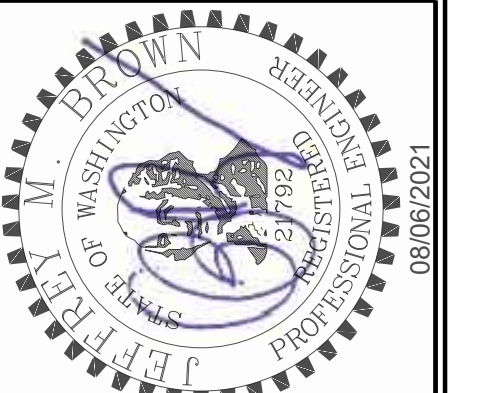
**RECORD DRAWINGS  
 SURVEY AS-BUILT**



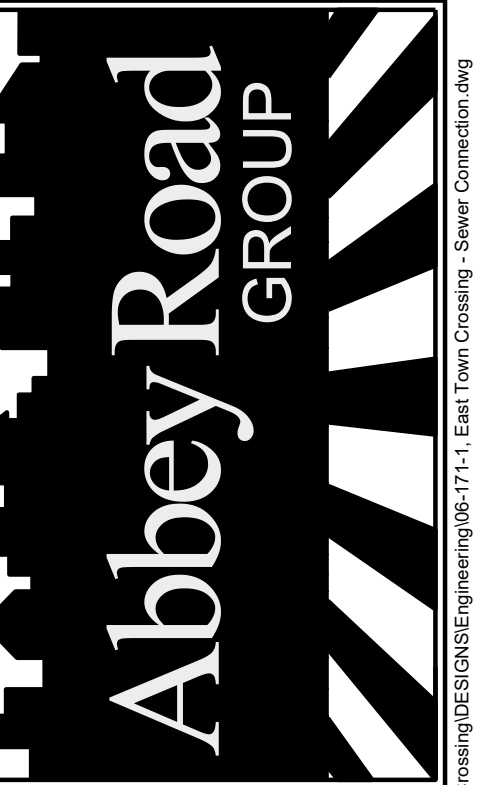
08/16/2022

**East Town Crossing  
 Sewer Connection  
 SANITARY SEWER  
 NOTES & DETAILS**  
 Puyallup, WA

**East Town Crossing, LLC.**  
 1001 Shaw Road  
 Puyallup, WA 98372



**Abbey Road Group  
 Land Development  
 Services Company, LLC**  
 2102 E MAIN AVE, SUITE 109  
 PUYALLUP, WA 98372  
 P.O. Box 1224, Puyallup, WA 98371  
 (253) 435-3699, Fax (253) 446-3159



**FRAME AND COVER SECTION**

SCALE 1:1

SCALE 1:2

**CITY OF PUYALLUP**  
 DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

**SIDE SEWER CLEAN OUT WHEN PLACED IN DRIVEWAY**

DATE	04.03.05
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**PIPE TRENCHING BEDDING AND BACKFILL**

SCALE 1:1

**CITY OF PUYALLUP**  
 OFFICE OF THE CITY ENGINEER

DATE	06.01.01
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**INSIDE DROP SANITARY SEWER MANHOLE**

SCALE 1:3

**CITY OF PUYALLUP**  
 DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

**INSIDE DROP SANITARY SEWER MANHOLE (NOTES)**

DATE	04.01.02
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**CITY OF PUYALLUP**  
 DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

**INSIDE DROP SANITARY SEWER MANHOLE (NOTES)**

- NEAT LINE CUTS SHALL BE SEALED AT TOP WITH A HOT PAVING GRADE ASPHALT AND FACE OF CUT TACKED. ASPHALT DEPTH TO MATCH DOTTING.
- TOP OF SHELVE: SLOPE 1/2" PER FOOT MINIMUM. CONSTRUCT IN FIELD CHANNEL AND SHELF TO THE CROWN OF PIPE.
- MANHOLE RING SHALL CONFORM TO SECTION 8, ASTM C 478 (ASTM M-199) AND MEET ALL GSA REQUIREMENTS. MANHOLE RINGS SHALL BE PARALLEL OR APPROXIMATELY PARALLEL AT THE OPTION OF THE MANUFACTURER, EXCEPT THAT ALL STEPS IN ANY MANHOLE SHALL BE SIMILAR. PENETRATION OF OUTER WALL BY A LEIS IS PROHIBITED. SEE CITY STANDARD DETAIL NO. 06.01.04 & 06.01.05.
- PRECAST BRASS SHALL BE FINISHED WITH DUTYLOK OR ANODOK. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM. DROP INLET PIPE HOLE MAY BE FIELD CONSTRUCTED.
- KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAMETER PLUS MANHOLE WALL THICKNESS. MINIMUM DISTANCE BETWEEN HOLES IS 6".
- PRECAST CONCRETE MANHOLE COMPONENTS SHALL CONFORM TO ASTM C-478.
- FLEXIBLE JOINTS SHALL BE RUBBER GASKETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. MARKED, SPIR-PAKED, OR CAST-IN-PLACE JOINTS WILL BE PERMITTED ONLY FOR CONNECTIONS TO OR THROUGH MANHOLES. A FLEXIBLE GASKETED JOINT SHALL BE INSTALLED WITHIN ONE (1) FOOT OF EACH CONNECTION TO MANHOLES. CONNECTIONS TO MANHOLES SHALL UTILIZE A ROR IN SEAL CONNECTION WORKED. CONNECTIONS TO THESE STRUCTURES WITH PVC PIPE SHALL UTILIZE A MANHOLE COUPLER AND RUBBER GASKET.
- MANHOLE RING AND COVER: THE COVER SHALL BE MARKED WITH "TENTH" IN THE (2) NON RAISED LETTERS (SEE CITY STANDARD DETAILS NO. 06.01.02 AND 06.01.03 FOR ADDITIONAL INFORMATION).
- THE MAXIMUM CHANGE IN FLOW DIRECTION IN MANHOLES SHALL BE 90 DEGREES. FOR ALL CHANGES IN FLOW DIRECTION GREATER THAN 45 DEGREES, A MINIMUM DROP OF 0.10 FEET BETWEEN INVERTS SHALL BE PROVIDED AND CHANNELLED/DROPPED.

**CITY OF PUYALLUP**  
 DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

**SANITARY SEWER MANHOLE**

DATE	04.01.01
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**MANHOLE FRAME AND COVER**

SCALE 1:1

**CITY OF PUYALLUP**  
 OFFICE OF THE CITY ENGINEER

DATE	06.01.02
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**MANHOLE STEP AND HANDHOLD**

SCALE 1:1

**CITY OF PUYALLUP**  
 OFFICE OF THE CITY ENGINEER

DATE	06.01.03
BY	[Signature]
CHK	[Signature]
APP	[Signature]
PER	[Signature]

**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 ENGINEERING OFFICE. PARTICIPANTS SHALL INCLUDE THE CITY ENGINEER, THE CONTRACTOR, AND 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 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 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 (253) 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 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 F2736. 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 D2442. 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 NOS. 06.01.02 AND 06.01.03 COVERS SHALL BE MARKED "SEWER" WITH 2-INCH RAISED LETTERS. MINIMUM WEIGHT OF THE FRAME SHALL BE 210 POUNDS. MINIMUM WEIGHT OF THE COVER SHALL BE 150 POUNDS.
- 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. 06.01.04.
- 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.
- ALL PUBLIC SANITARY SEWER MAINS SHALL BE VIDEO INSPECTED PRIOR TO ACCEPTANCE BY THE CITY OF PUYALLUP WATER COLLECTION DIVISION.
- AFTER ALL OTHER UTILITIES ARE INSTALLED AND PRIOR TO ASPHALT WORK, ALL SANITARY PIPES SHALL PASS A LOW PRESSURE AIR TEST IN ACCORDANCE WITH SECTION 7-17 OF THE "STANDARD SPECIFICATIONS". PRODUCTS USED TO SEAL THE INSIDE OF THE PIPE ARE NOT TO BE USED TO OBTAIN THE AIR TEST.
- 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.
- ALL SANITARY SEWER MAINS SHALL BE MANDRELLED.



THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.  
**CALL BEFORE YOU DIG (811)  
 WWW.WASHINGTON811.COM**

REVISIONS:	CHK	APR	DATE	PER
BY:				
DESIGNED BY:	JMB			
DEVELOPMENT REVIEW:	PRB			
APPROVED BY:	GH			
DRAFTED BY:	HPJ			
DATE:	08/06/2021			
SHEET:	7 of 7			