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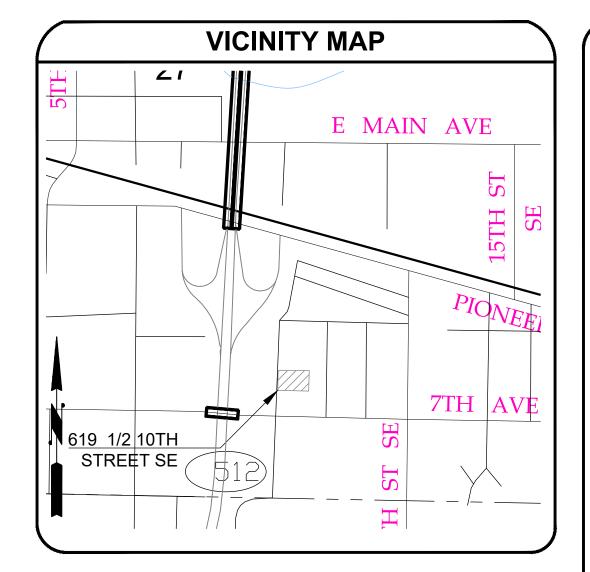
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10TH STREET DEVELOPEMENT PROJECT

SEC 27 / TWP 20 / RGE 4 E, W.M.

CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON

COVER SHEET



PROJECT SPECIFICATIONS (PROPOSED DEVELOPMENT AREA) PROJECT NAME: 10TH STREET DEVELOPMENT PROJECT ABBEY ROAD JOB#: 04-173-01 APPLICANT/AGENT ABBEY ROAD GROUP LAND NAME: DEVELOPMENT SERVICES COMPANY ADDRESS: P.O. BOX 1224. PUYALLUP WA 98371 PHONE: (253) 435-3699 PARCEL NO. 7845000622, 7854000591, 7845000600, 7845000571, 7845000621 SITE ADDRESS: 619TH 10TH STREET SE PUYALLUP, WA 98372 ZONING: PARCEL SIZE: REAR 15' **INTERIOR SIDE 3'** (TOTAL COMBINED 13') STREET SIDE 10' SETBACK, PIPESTEM LOTS: FRONT 10' REAR 15' **INTERIOR SIDE 3'** PROPOSED LAND USE: MULTI FAMILY NO. OF DWELLING UNITS: DOMESTIC WATER SOURCE: CITY OF PUYALLUP SEWAGE DISPOSAL SYSTEM: CITY OF PUYALLUP 32,479 SF 10,976.37 SF LANDSCAPE AREA: 1,185 SF/PER PAD **BUILDING AREA:** PARKING: STANDARD: 14

	UTILITIES	
CITY OF PUYALLUP 333 S MERIDIAN - 3RD FLOOR PUYALLUP, WA 98371	CABLE: COMCAST 410 Valley Ave NW PUYALLUP, WA 98371 (253) 268-3102	TELEPHONE: CENTURY LINK 1-865-465-2313
CITY OF PUYALLUP 333 S MERIDIAN - 3RD FLOOR PUYALLUP, WA 98371	POWER: PUGET SOUND ENERGY P.O. BOX 91269 BELLEVUE, WA 98009 (888) 225-5773	REFUSE: D.M. Disposal PO Box 532 PUYALLUP, WA 98371 (253) 414-0347
CENTRAL PIERCE FIRE &	SCHOOL: Puyallup School District 302, 2nd St SE	GAS: PUGET SOUND ENERGY P.O. BOX 91269

PUYALLUP, WA 98372

PATIO (PATIO AND PORCH) AREA:

311 W PIONEER AVE

PUYALLUP, WA 98371

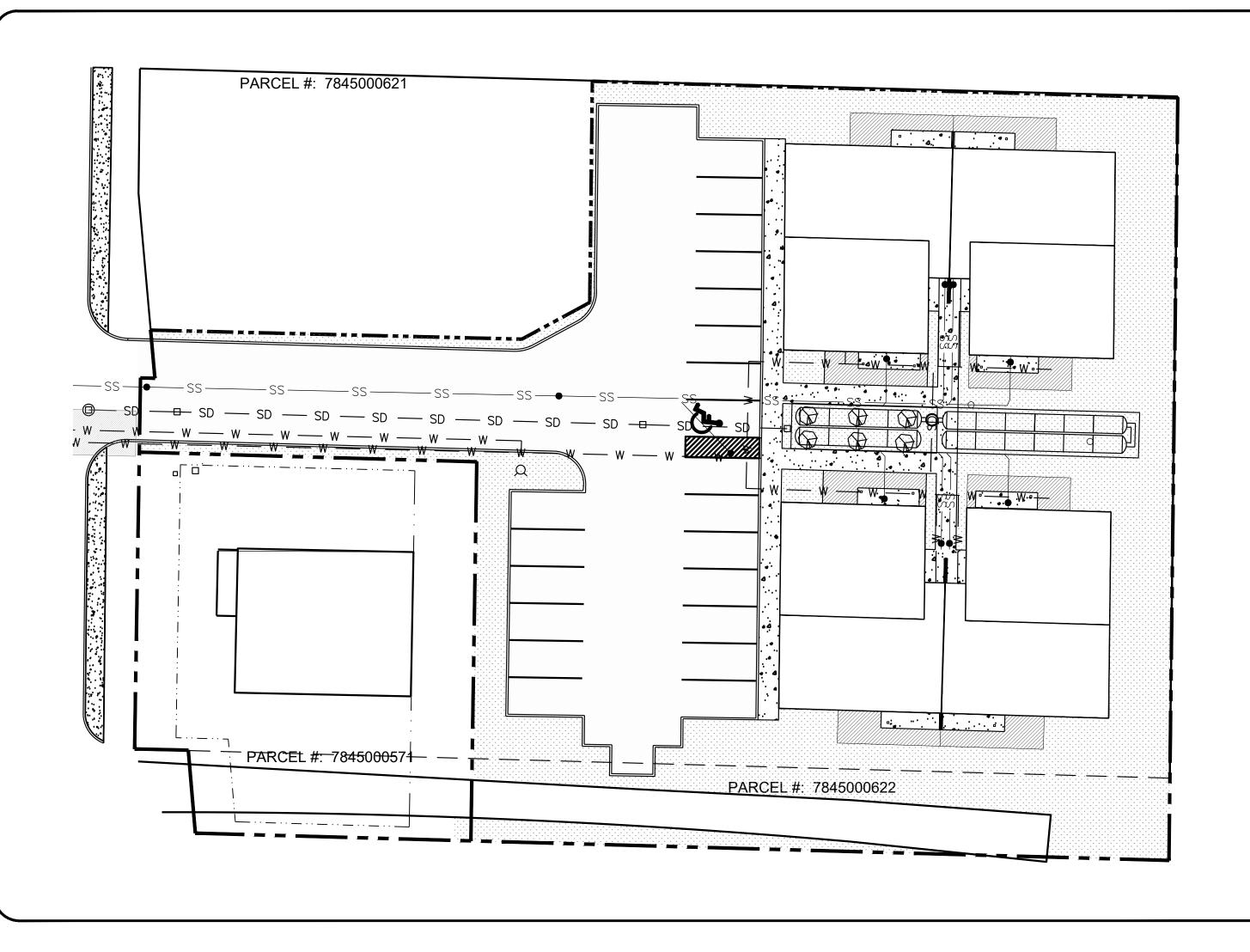
(253) 538-6400

COMPACT: 6

400 SF/PER PAD

BELLEVUE, WA 98009

(888) 225-5773



CONSULTANTS

OWNER: PROJECT MANAGER: THE FAMILY FARM LLC ABBEY ROAD GROUP LAND DEV. SERVICES COMPANY PO BOX 1442 GRAHAM, WA 98338 P.O. BOX 1224 PUYALLUP, WA 98371 (253) 435-3699 W (206) 446-3159 F GIL.HULSMANN@ABBEYROADGROUP.COM **CIVIL ENGINEER:** TRAFFIC ENGINEER: ABBEY ROAD GROUP LAND HEATH & ASSOCIATES, INC DEV. SERVICES COMPANY GREG HEATH, PE RYAN JEFFRIES 2214 TACOMA RD P.O. BOX 1224 PUYALLUP, WA 98371 PUYALLUP, WA 98371 (253) 770-1401 WORK (253) 435-3699 W (253) 770-1473 FAX (253) 446-3159 F GHEATH@HEATHTRAFFIC.COM RYAN.JEFFRIES@ABBEYROADGROUP.COM LANDSCAPE ARCHITECT SURVEY: ABBEY ROAD GROUP LAND DEV. SERVICES COMPANY LARRY WALKER, PLS P.O. BOX 1224 PUYALLUP, WA 98371 (253) 435-3699 W (253) 446-3159 F

GEOTECHNICAL ENGINEER:

GEOTECHNICAL ENGINEERING

COBALTGEO@GMAIL.COM

(206) 331-1097

PO BOX 82243

(206) 452-9671 FAX

KENMORE, WA 98028

LARRY.WALKER@ABBEYROADGROUP.COM

GENERAL CONTRACTOR:

SITE DATA: ASSESSORS/TAX PARCEL NUMBER(S): 7845000622, 7845000571, 7845000591, 7845000600 PARCEL/SITE SIZE: 0.3232 / 0.1652 / 0.3053 / 0.1061 ACRES SECTION/TOWNSHIP/RANGE: 27/20/04E DEVELOPMENT JURISDICTION: CITY OF PUYALLUP SITE ADDRESS: 619 10th St SE PUYALLUP, WA 98372 ZONING: R10 DENSITY: N/A PRESENT USE: LOT 1, VACANT PRESENT USE: LOT 2, SINGLE FAMILY HOME PRESENT USE: LOT 3, VACANT PRESENT USE: LOT 4, SINGLE FAMILY HOME PRESENT USE: LOT 5, SINGLE FAMILY HOME SENSITIVE AREAS: N/A WETLANDS: NO FLOOD PLAIN HAZARD AREAS: N/A EROSION HAZARD AREAS: NO LANDSLIDE HAZARD AREAS: NO COAL MINE HAZARD AREAS: NO SEISMIC HAZARD AREAS: NO CREEKS/STREAMS: NO LAKES: NO STEEP SLOPES(10% OR GREATER): NO VOLCANIC: NO WILDLIFE HABITAT: N/A SHORELINE CLASSIFICATION: N/A IMPERVIOUS AREAS: 0

PERVIOUS AREAS: 4.16 ACRES

ADJACENT ZONING:

NORTH: R10

SOUTH: R10

EAST: R10

WEST: R10

SITE SPECIFICATIONS (EXISTING)

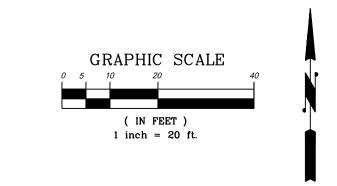
NO PHASING HAS BEEN PROPOSED. THE PROJECT IS ANTICIPATED TO BE COMPLETED UPON PERMIT APPROVALS AND ALSO AS SPECIFIC TENANTS ARE DETERMINED.

PHASING

	TA	ABLE OF CONTENTS
	SHEET C1.01	COVER SHEET
	SHEET C1.02	MASTER LEGEND
	SHEET C1.03	EXISTING CONDITIONS
	SHEET C1.04	PROPOSED BLA MAP EXHIBIT
	SHEET C1.05	MONITORING WELL EXHIBIT
	SHEET C2.01	SITE PLAN
	SHEET C2.02	FLOOR PLAN
	SHEET C3.01	GRADING PLAN
	SHEET C4.01	STORM PLAN
	SHEET C5.01	WATER PLAN
	SHEET C5.02	SANITARY SEWER PLAN
	SHEET C6.01	NOTES & DETAILS
	SHEET C6.02	NOTES & DETAILS 2
	SHEET C6.03	NOTES & DETAILS 3
,	SHEET C6.04	NOTES & DETAILS 4

PARCEL / LOT INFORMATION PROPOSED: LOT #1 32.479 SF 14,080 SF LOT #4 6.868 SF LOT #2 13,299 SF LOT #5` 6,799 SF LOT #3 4,779 SF

LOT #4 7,197 SF



BASIS OF BEARINGS RECORD OF SURVEY NO. 9601230517 (CENTERLINE OF 10TH STREET SE) THE COORDINATE SYSTEM IS ASSUMED. VERTICAL DATUM

NGVD 29

PUBLISHED ELEVATION: 45.43 FEET

SQUARE BRICK PILLAR FOR "KALLES JR. HIGH SCHOOL" SIGN, 20' EAST OF EAST

THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27. TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN

COMMENCING AT THE SOUTHWEST CORNER OF BLOCK 54, FRANK R. SPINNING'S FIRST ADDITION TO THE TOWN OF PUYALLUP. AS RECORDED IN VOLUME 4 OI PLATS, AT PAGES 86 AND 87, RECORDS OF SAID COUNTY; THENCE NORTH 00°54'06' lacktriangle EAST 237.65 FEET PARALLEL WITH THE EAST LINE OF SAID BLOCK 54 TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 00°54'06" EAST 18.00 FEET TO POINT "A" ON THE SOUTH LINE OF 10TH STREET SOUTHEAST; THENCE SOUTH 88°22'57 EAST 3.51 FEET ALONG SAID SOUTH LINE TO A POINT ON THE EAST LINE OF SAID STREET; THENCE NORTH 05°03'30" WEST 12.08 FEET ALONG SAID EAST LINE TO A POINT WHICH LIES 12 FEET NORTH AS MEASURED AT RIGHT ANGLE, FROM SAID SOUTH LINE; THENCE SOUTH 88°22'57" EAST 90.08 FEET; THENCE NORTH 61' 37'03" EAST 18.72 FEET; THENCE NORTH 00°40'37" EAST 53.64 FEET PARALLEL WITH THE WEST LINE OF BAREM'S FIRST ADDITION, AS RECORDED IN VOLUME 17 OF PLATS, AT PAGE 36, RECORDS OF SAID COUNTY TO A POINT WHICH LIES NORTH 00°40'37" EAST 330-2/3 FEET AND SOUTH 88°22'57" EAST 109.75 FEET FROM THI SOUTHWEST CORNER OF SAID BLOCK; THENCE SOUTH 88°22'57" EAST 142.02 FEE TO A POINT ON SAID WEST LINE; THENCE SOUTH 00°40'37" WEST 75.00 FEET ALONG SAID WEST LINE TO A POINT WHICH BEARS SOUTH 88°22'57" EAST FROM SAID POIN "A": THENCE NORTH 88°22'57" WEST 119.36 FEET TO A POINT WHICH LIES SOUT 88°22'57" EAST 131.40 FEET FROM SAID POINT "A"; THENCE SOUTH 61°37'03" WES 36.00 FEET TO A POINT WHICH LIES 18 FEET SOUTH, AS MEASURED AT RIGHT ANGLE FROM THE SOUTH LINE OF SAID STREET EXTENDED EASTERLY: THENCE NORTH 88°22'57" WEST 100.00 FEET PARALLEL WITH SAID SOUTH LINE TO THE POINT OF BEGINNING.

THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN

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THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN

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COMMENCING AT THE SOUTHWEST CORNER OF BLOCK 54, FRANK R. SPINNING'S FIRST ADDITION TO THE TOWN OF PUYALLUP, AS RECORDED IN VOLUME 4 OF PLATS, AT PAGES 86 AND 87, RECORDS OF SAID COUNTY; THENCE NORTH 00°54'06' EAST 255.65 FEET PARALLEL WITH THE EAST LINE OF SAID BLOCK 54; THENCE SOUTH 88°22'57" EAST 131.40 FEET PARALLEL WITH THE SOUTH LINE OF SAID BLOCK TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 88°22'57" EAST 119.36 FEET TO A POINT ON THE WEST LINE OF BAREM'S FIRST ADDITION, AS RECORDED IN VOLUME 17 OF PLATS, AT PAGE 36 RECORDS OF SAIDCOUNTY THENCE SOUTH 00°40'37" WEST 89.98 FEET ALONG SAID WEST LINE TO A POINT ON THE NORTH LINE OF THE SOUTH 165.67 FEET OF BLOCKS 54 AND 55 OF SAID PLAT OF FRANK R. SPINNING'S FIRST ADDITION; THENCE NORTH 88°22'57" WEST 151.12 FEET ALONG SAID NORTH LINE; THENCE NORTH 00°54'06" EAST 71.97 FEET; THENCE NORTH 61°37'03" EAST 36.00 FEET TO THE POINT OF BEGINNING.

SURVEY DATA

PIERCE COUNTY PUBLISHED BENCHMARK DESIGNATION NO. 154-4

DESCRIPTION: TOP NORTH CORNER OF A 2' BY 2'

CURB ON 3RD ST. SE AND 60' SOUTH OF CENTERLINE DRIVE TO SCHOOL (PUYALLUF LEGAL DESCRIPTION

PIERCE COUNTY, WASHINGTON, DESCRIBED AS FALLOWS:

PIERCE COUNTY, WASHINGTON, DESCRIBED AS FALLOWS:

FEET TO THE POINT OF BEGINNING.

PIERCE COUTNY, WASHING, DESCRIBED AS FOLLOWS:

OF BEGINNING.

THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

> 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

CITY OF PUYALLUP DEVELOPMENT ENGINEERING NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE FIELD CONDITIONS MAY DICTATE elopm CHANGES TO THESE PLANS AS 0TH DETERMINED BY THE DEVELOPMENT ENGINEERING reg

APPROVED

MANAGER.

evelopment company, L

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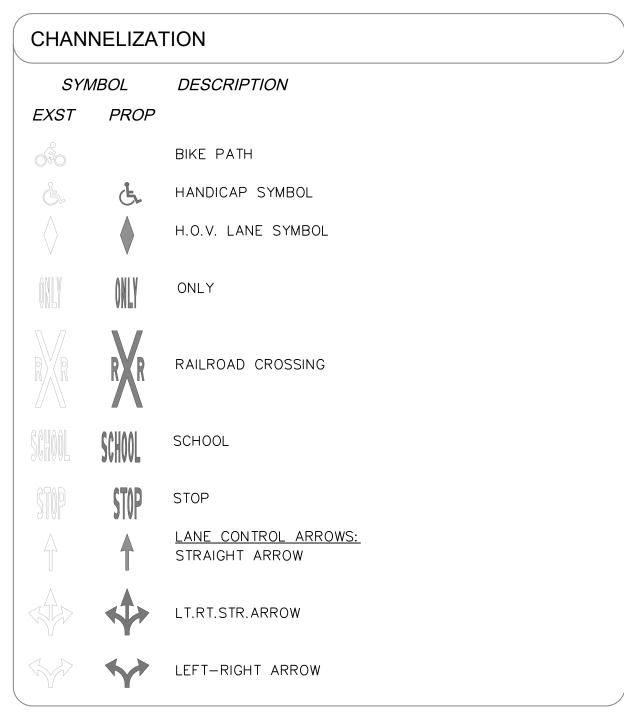
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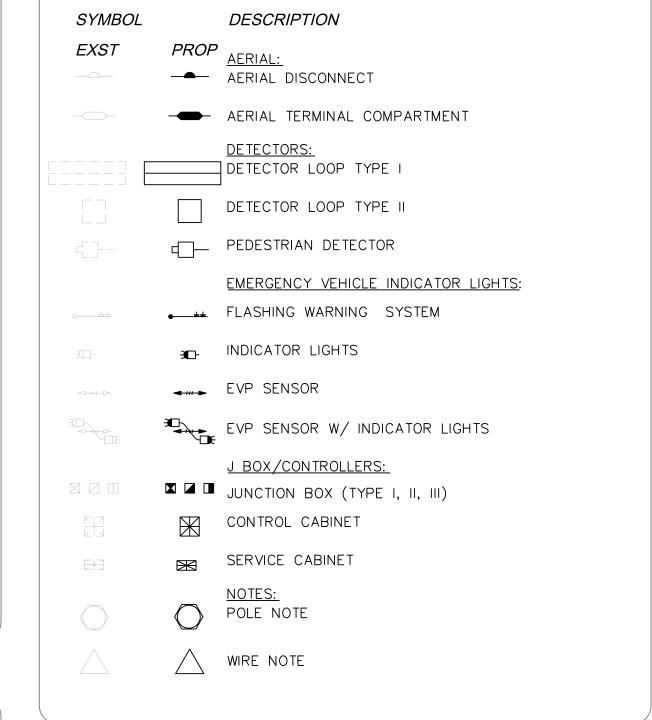
10TH STREET DEVELOPEMENT PROJECT

SEC 27 / TWP 20 / RGE 4 E, W.M.

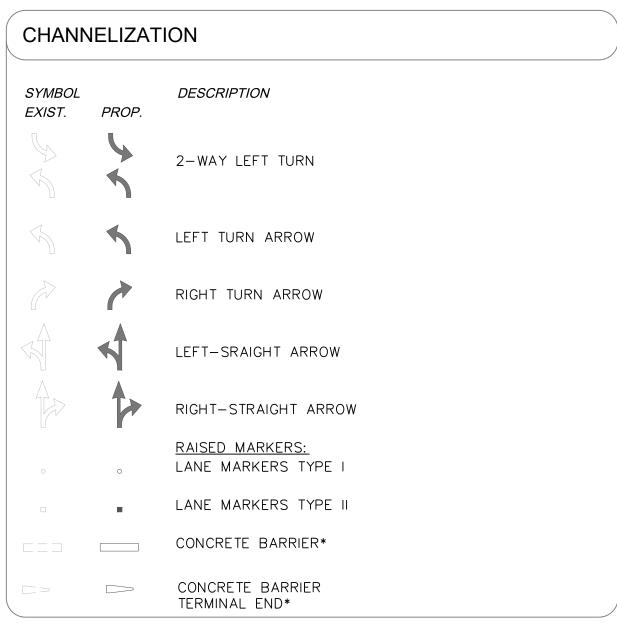
CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON MASTER LEGEND

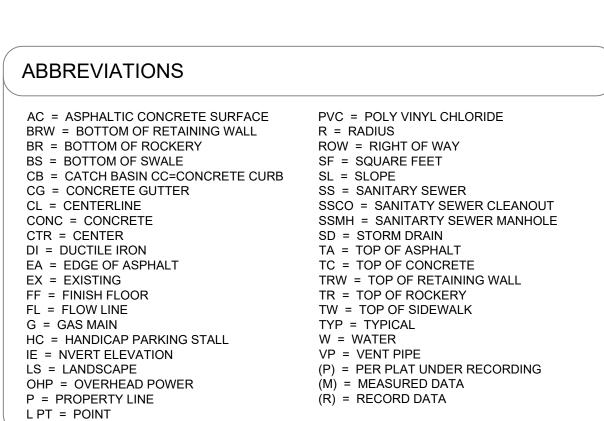
WATER

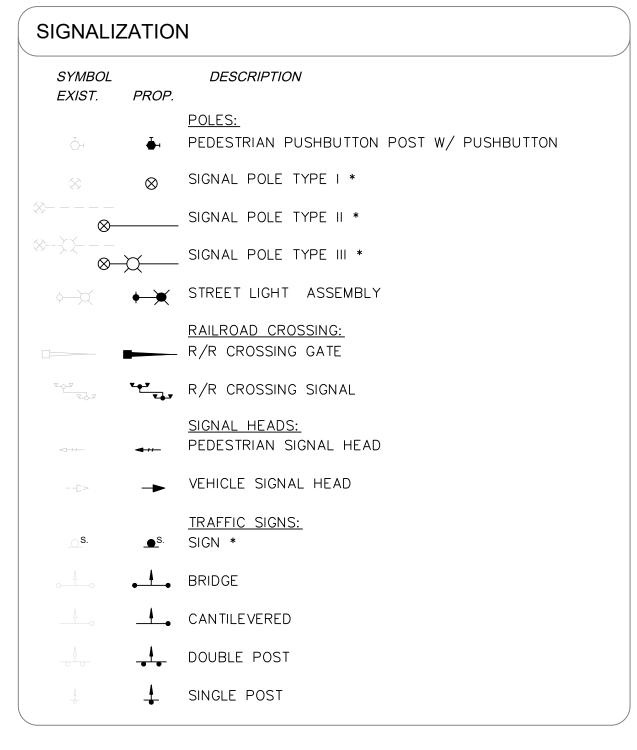




SIGNALIZATION

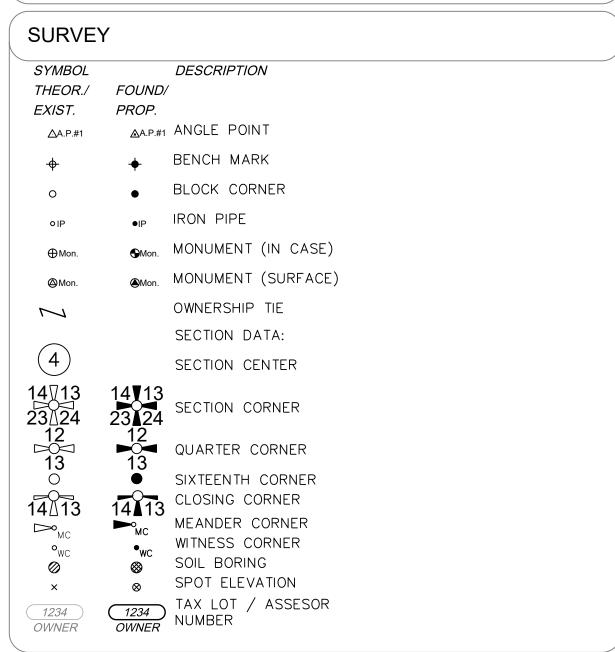


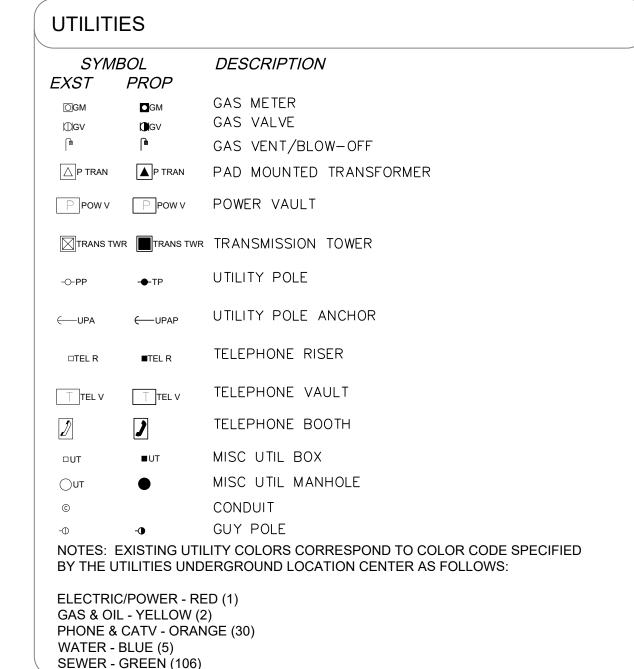


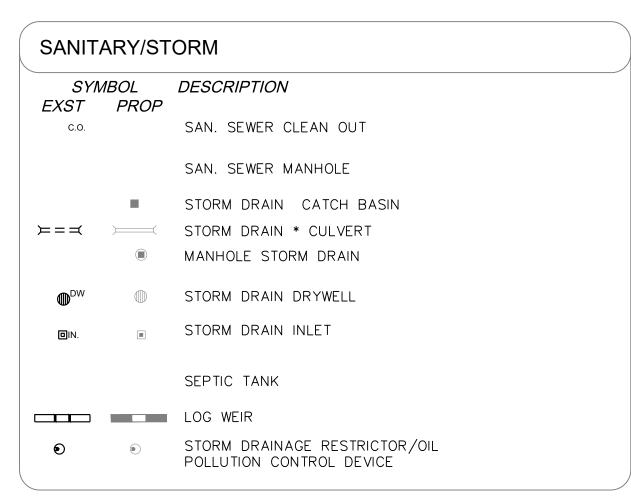


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SP. SPRINKLER HEAD WATER METER FIRE HYDRANTS: PH PTH S-NOZZLE JOINTS: IFL IFL FLANGE/BLIND FL END CMIND PUSH-ON/HUB ITHD ITHD HITHO WALVES: AIR RELIEF 180 980 BLOW-OFF MORE BUTTERFLY NOW GATE/GENERAL PV PLUG VALVE HE HA ADAPTER, FL. x M.J. BENDS: 90 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 12.5 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, M.			
WATER METER FIRE HYDRANTS: PH			
## ## 2-NOZZLE ### PH P	₩M		
## ## 3-NOZZLE JOINTS: FL			FIRE HYDRANTS:
JOINTS: IPL	● FH	Q FH	2-NOZZLE
FL DW CW MECHANICAL DW MECHANICAL WHUB PUSH-ON/HUB THE JTHO THREAD VALVES: AIR RELIEF BBO BBOW-OFF MGF MGF BUTTERFLY NOK NCK CHECK MWW GATE/GENERAL MPV PLUG VALVE HE H ADAPTER, FL. x M.J. BENDS: 90 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 12.2.5 DEGREE BEND, M.J. 13.45 DEGREE BEND, M.J. 14.5 DEGREE BEND, M.J. 15.76 90 DEGREE BEND, M.J. 16.76 90 DEGREE BEND, M.J. 17.76 22.5 DEGREE BEND, M.J. 18.77 45 DEGREE BEND, M.J. 19.76 11.25 DEGREE BEND, M.J. 19.76 11.25 DEGREE BEND, M.J. 11.25 DEGREE BEND, FL. 11.25 DEGREE BEND, M.J. 12.25 DEGREE BEND, M.J. 12.25 DEGREE BEND, M.J. 12.25 DEGREE BEND, M.J. 12.26 DEGREE BEND, M.J. 12.26 DEGREE BEND, M.J. 12.27 DEGREE BEND, M.J. 12.27 DEGREE BEND, M.J. 12.28 DEGREE BEND, M.J. 12.29 DEGREE BEND, M.J. 12.20 DEGREE BEND, M.	⊕ -FH	∙ FH	
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GATE VALVE, M.J.	×	×	







SYME	BOL	DESCRIPTION
EXST	PROP BUS	BUS STOP
\coprod	\coprod	EMBANKMENT
□MB	-	MAIL BOX
		RIP RAP
2001		ROCKERY
		SHRUB
шS.	•	SIGN
12"	CONF.	TREE (Conifer)
<u></u> 12"	<u>12"</u>	TREE (Deciduous)
Жιτ	×	YARD LIGHT

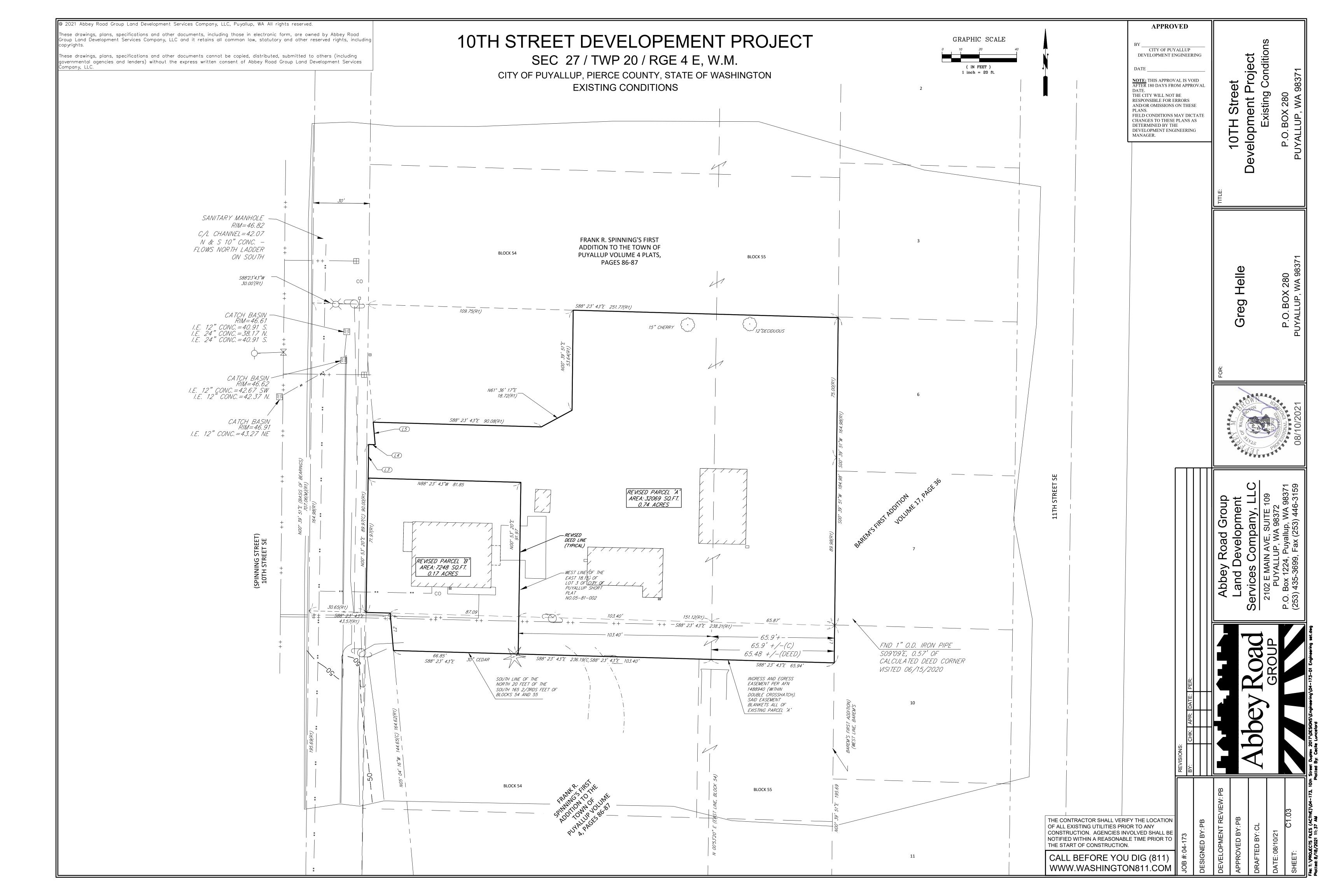
APPROVED CITY OF PUYALLUP roject DEVELOPMENT ENGINEERING NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL Street ent Pro Master THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE FIELD CONDITIONS MAY DICTATE elopm CHANGES TO THESE PLANS AS 0TH DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER. $\check{\Box}$ Greg Helle

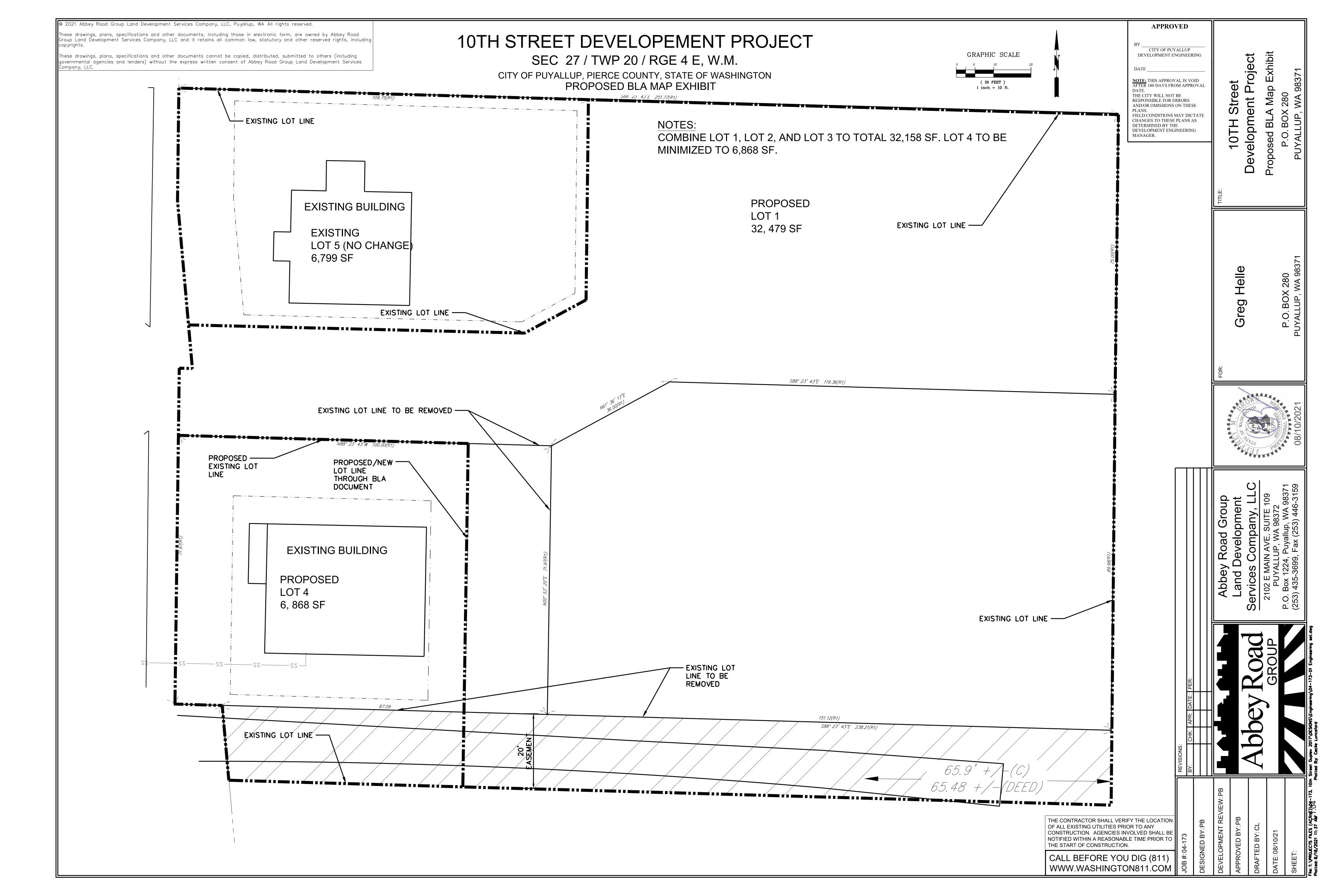
FREVIEW: PB

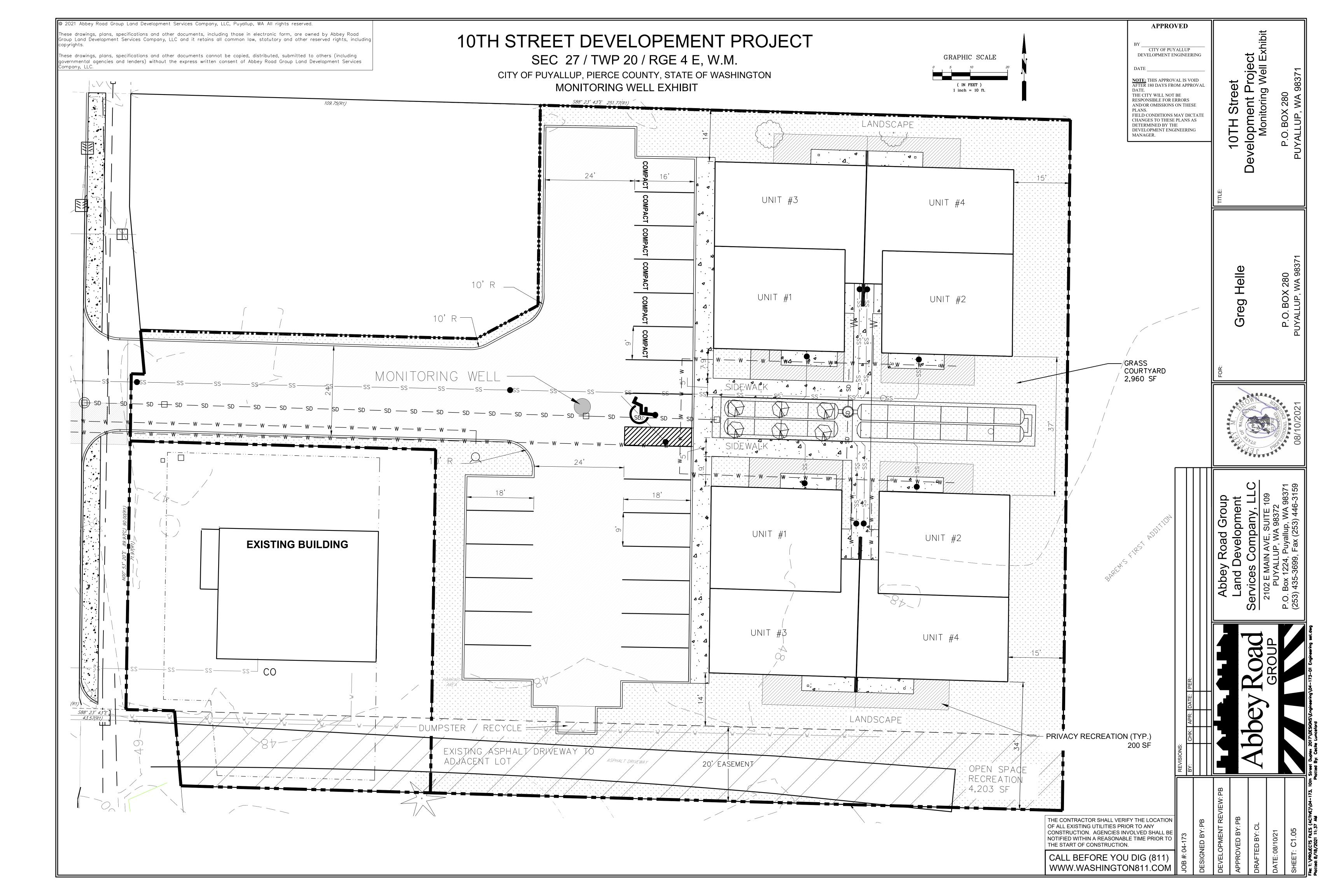
Abbey Road Group
Land Development
Services Company, LLC
STOZE MAIN AVE, SUITE 109
PUYALLUP, WA 98372
P.O. Box 1224, Puyallup, WA 98372
(253) 435-3699, Fax (253) 446-3158

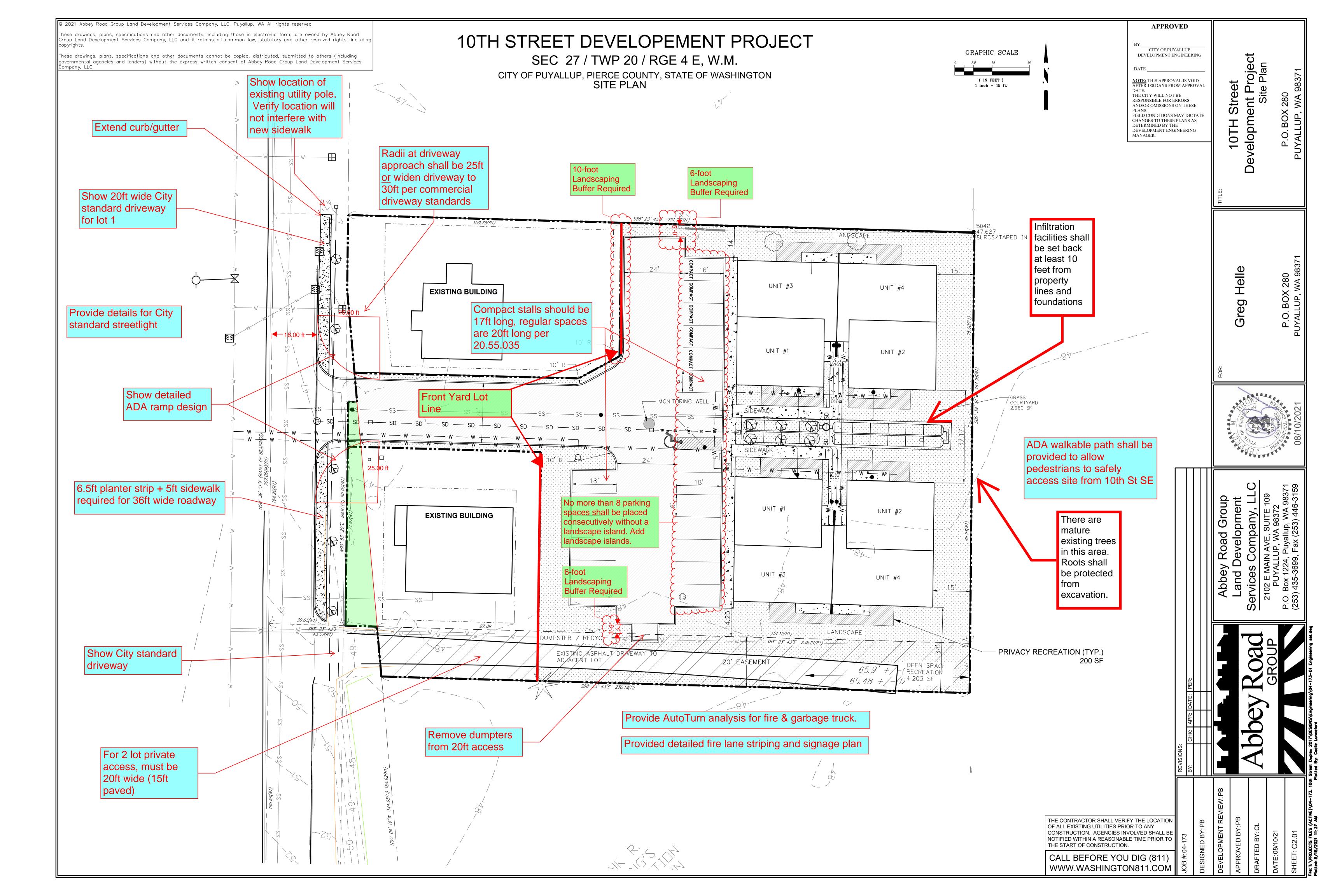
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

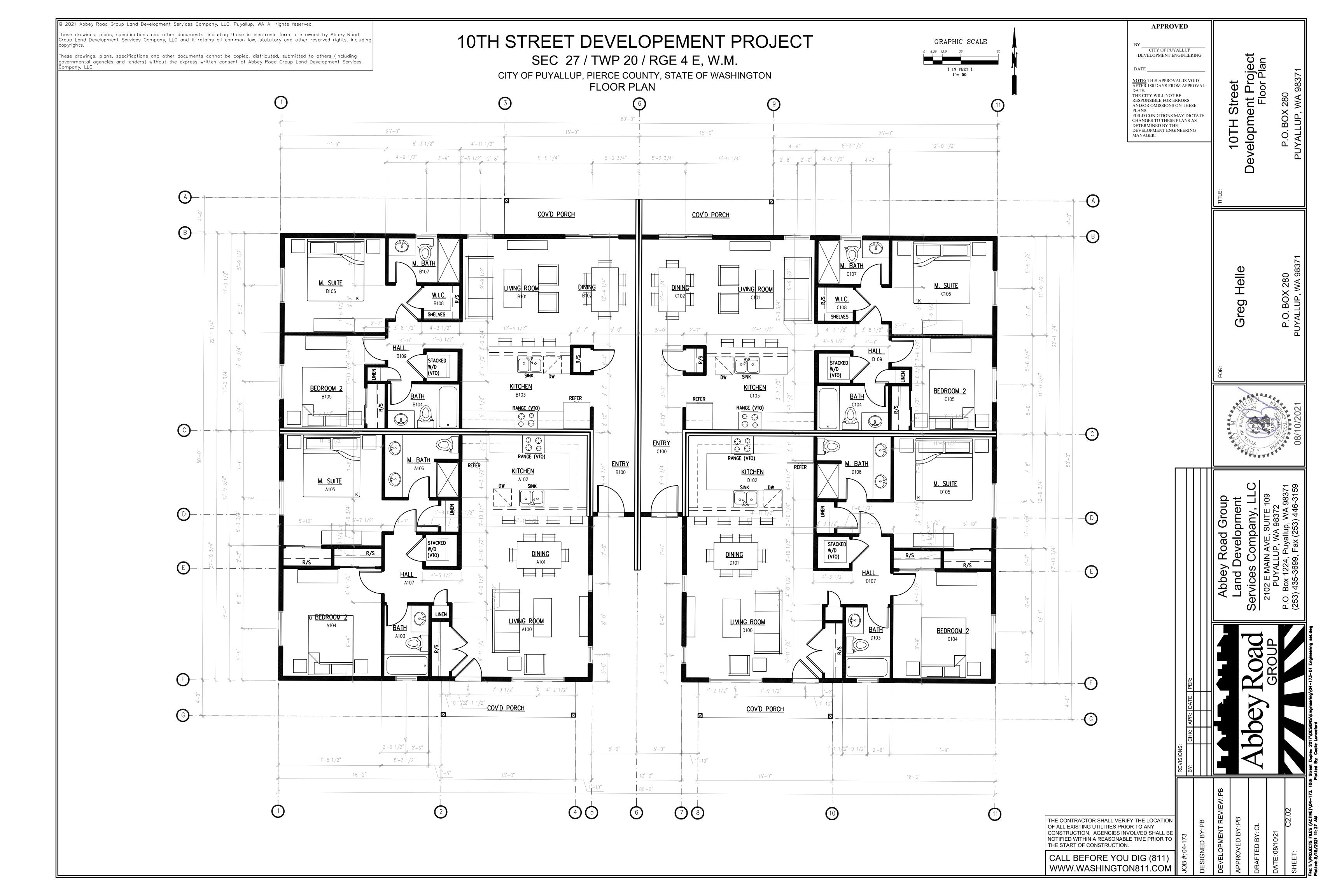
CALL BEFORE YOU DIG (811)
WWW.WASHINGTON811.COM

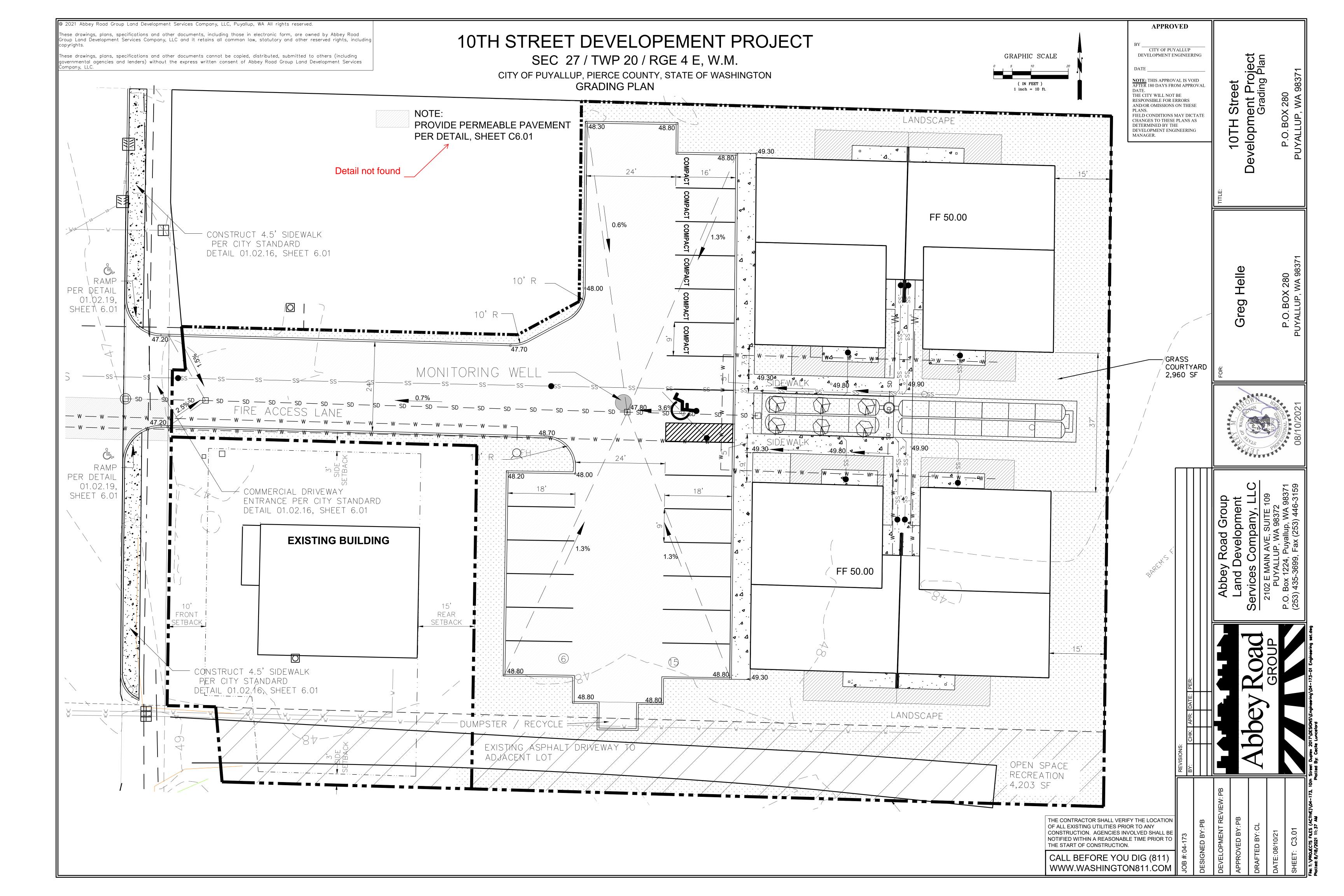


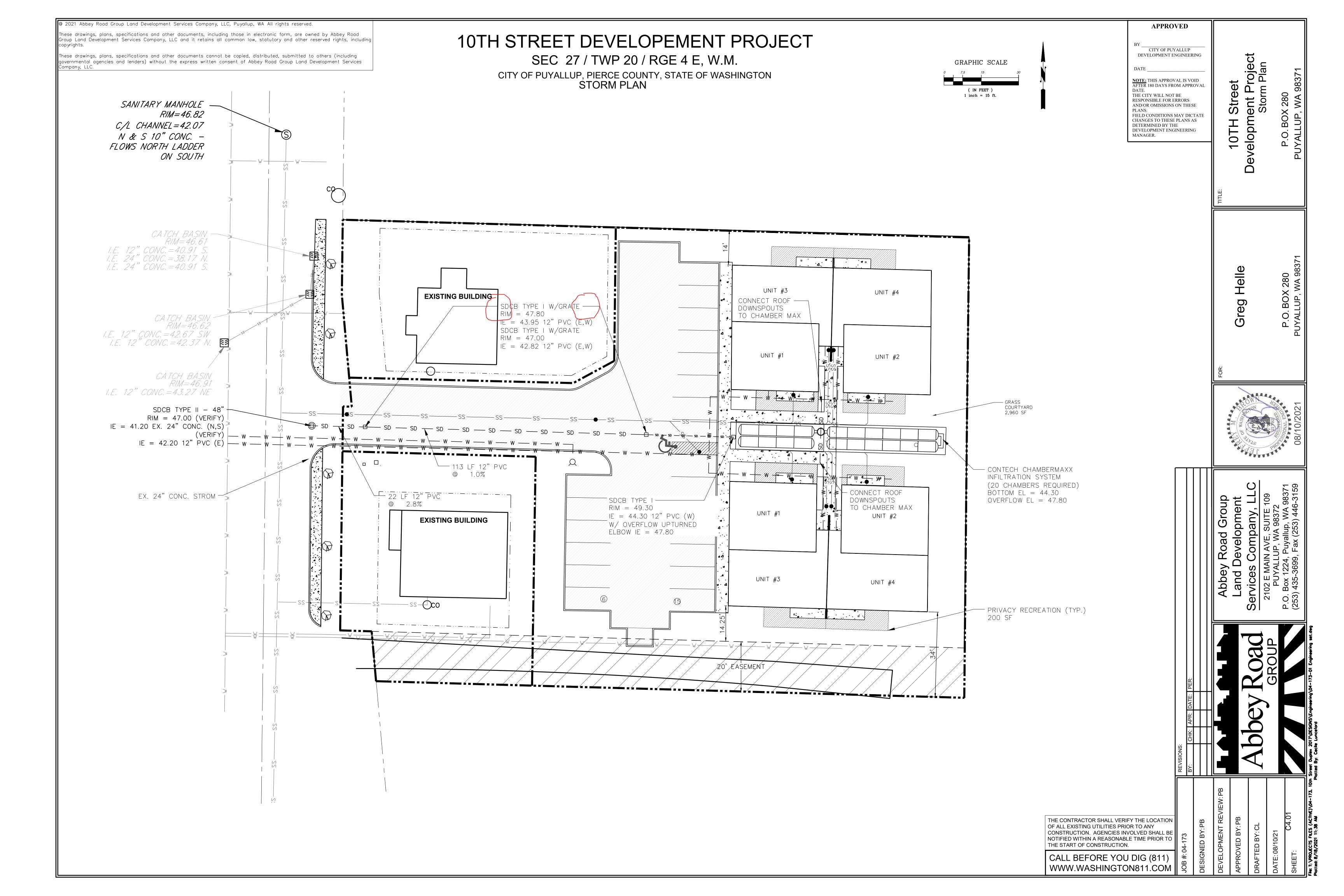


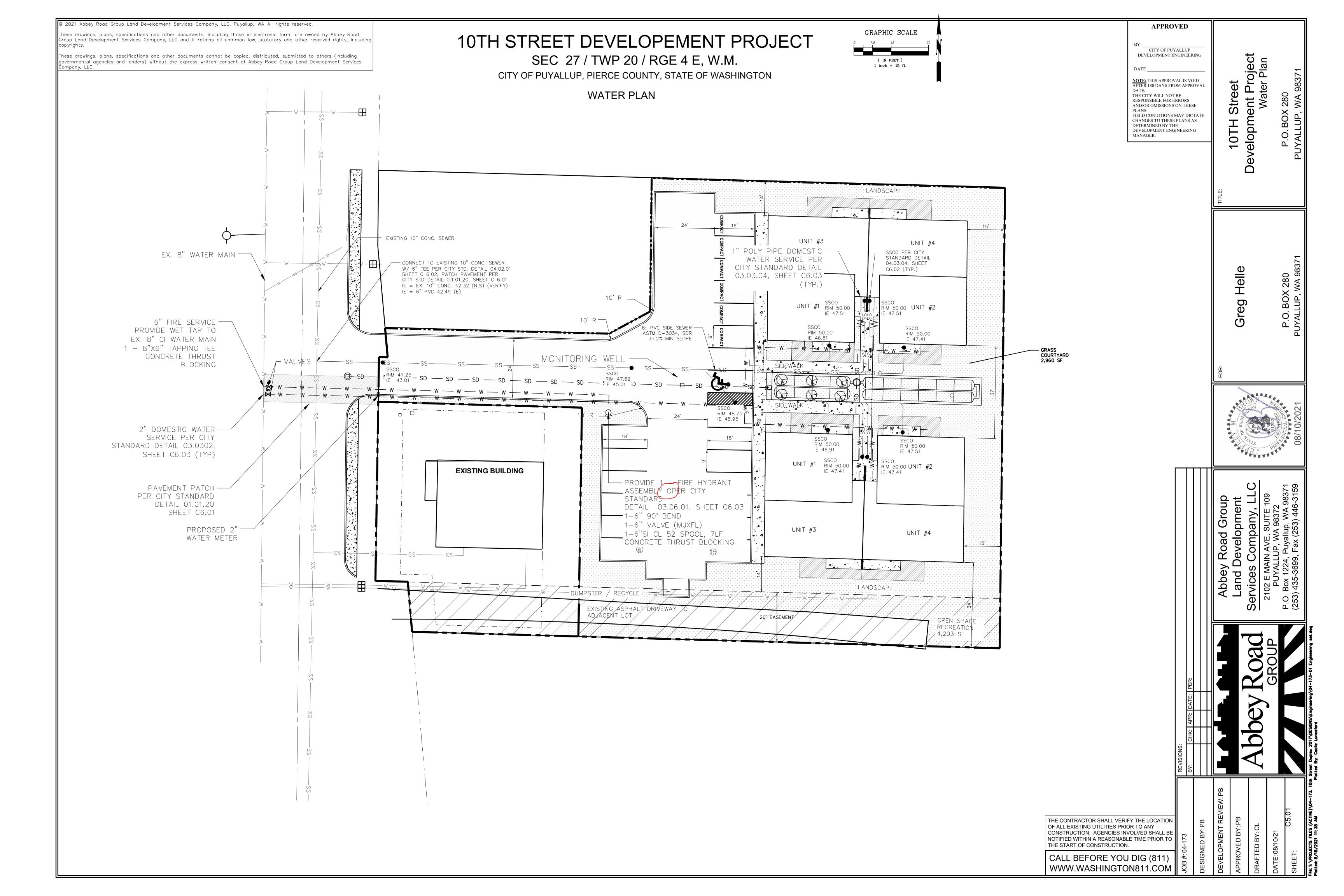


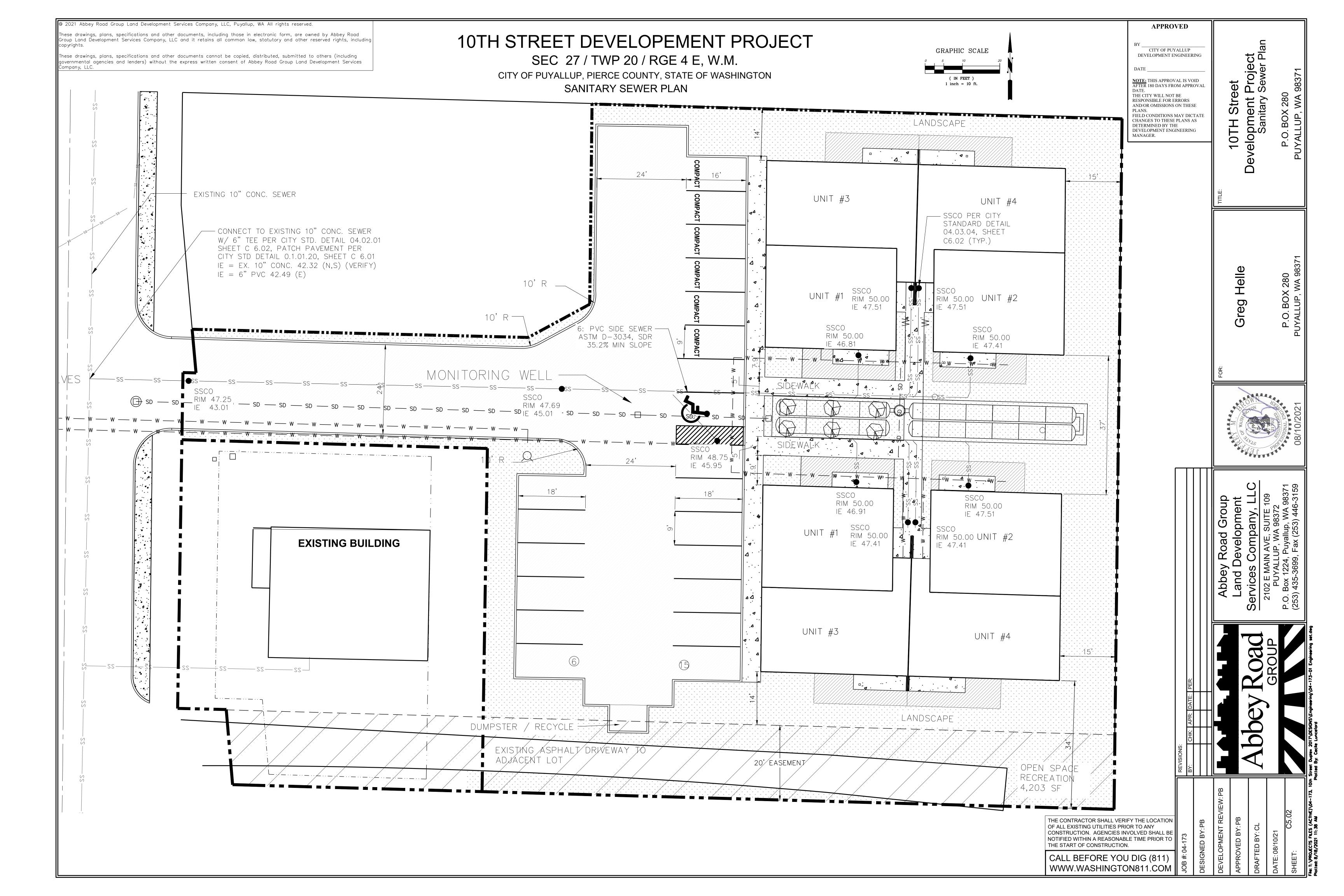












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PARKING LOT

RIGHT OF WAY LINE

INSTALL 2 - #4 CONTINUOUS, EQ. SPACED STANDARD CURB & GUTTER DROP SECTION

10TH STREET DEVELOPEMENT PROJECT

SEC 27 / TWP 20 / RGE 4 E, W.M.

CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON NOTES & DETAILS

15' O.C. CONTRACTION JOINTS SHALL BE 3/8" x 1/2" ASPHALT SATURATED FELT PLACED EXPANSION JOINTS -/ THROUGH CURB AND 2. THRU JOINTS SHALL BE 3/8" x 4" ASPHALT SATURATED FELT PLACED AT DRIVEWAYS, GUTTER: ALIGN WITH SIDEWALK JOINT ALLEY RETURNS AND WHEELCHAIR RAMPS 3. V-GROOVEMARKS SHALL BE 1/8" DEEP AND 1/4" WIDE PLACED AT 5' O.C. FOR 5' SIDEWALKS AND 7.5' O.C. FOR 8' SIDEWALKS. 3/8" EXPANSION 4. ALL JOINTS SHALL BE CLEAN AND EDGED TO A 1/4" RADIUS. JOINTS SHALL BE FLUSH WITH THE FINISHED SURFACE. SEE NOTE NO.4 ALL UTILITY POLES AND STREET SIGN POSTS SIDEWALK AREA NOT REQUIRED

MULTI-FAMILY RESIDENTIAL AREAS

MATCH GREATEST WIDTH FOR ANY ADJACENT ZONE

CITY OF

8'(ML ZONES) INDUSTRIAL AREAS

8'(F ZONES) FAIR AREAS

8'(CG, CBD ZONES) COMMERCIAL AREAS 8'(PF ZONES) PUBLIC FACILITIES AREAS

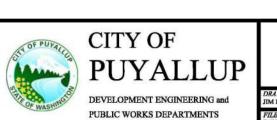
TYPICAL COMMERCIAL APPROACHES SHALL BE 30' WIDE AND INCLUDE 35' CURB RADII. IF TRUCKS ARE EXPECTED TO USE THE APPROACH, DRIVEWAY WIDTH, CHANNELIZATION, AND CURB RADII SHALL BE BASED ON AN APPROVED TURNING MOVEMENT ANALYSIS ALL ASPHALT PAVEMENT MUST CONFORM TO CITY STANDARD NO. 01.01.01.

APPROACH SHALL BE ASPHALT WITH STANDARD CURB AND GUTTER PLACED ON EACH SIDE OF THE APPROACH. WHEEL CHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE TO ALL APPLICABLE STANDARDS. DETECTABLE WARNING PATTERNS SHALLBE CONSTRUCTED AT A DRIVEWAY ONLY WHEN IT WILL BE SIGNALIZED. CURB RAMP SLOPE SHALL NOT EXCEED 8.3%, AS MEASURE BY A SMART LEVEL, UNLESS RAMP LENGTH IS EXTENDED TO 15'. SEE DETAIL 01.02.19 FOR

SPACING OF COMMERCIAL APPROACHES ON PRINCIPAL AND MINOR ARTERIALS SHALL BE MINIMUM 300' AND SPACING ON COLLECTORS SHALL BE MINIMUM 150', MEASURED BETWEEN THE CLOSEST EDGES OF EACH DRIVEWAY. THIS REQUIREMENT IS ALSO APPLICABLE TO THE DRIVEWAYS THAT ARE ACROSS THE STREET.

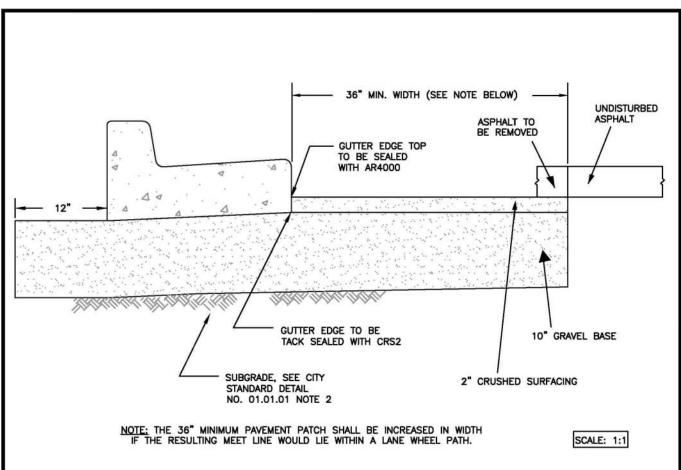
SPACING OF COMMERCIAL APPROACHES FROM PRINCIPAL AND MINOR ARTERIALS SHALL BE MINIMUM 300' AND SPACING FROM A COLLECTOR SHALL BE MINIMUM 150', MEASURED FROM NEAREST ROW LINE TO APPROACH PAVEMENT EDGE. THE CITY MAY BE MORE RESTRICTIVE THAN SPECIFIED HEREIN IF DEEMED NECESSARY BASED ON TRAFFIC VOLUMES,

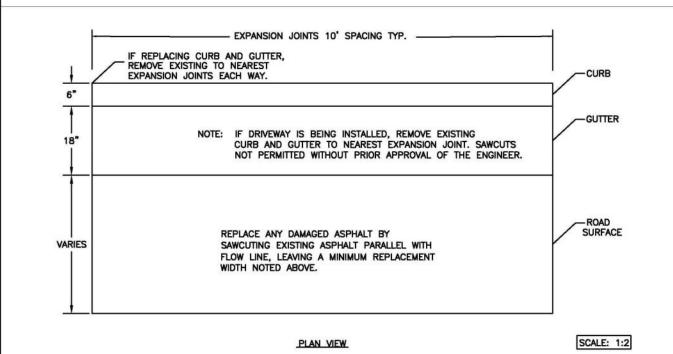
THIS COMMERCIAL APPROACH STANDARD SHALL BE USED ON ARTERIALS AND COLLECTORS WITH SPEED LIMITS OF 35 MPH OR GREATER, AND/OR WHEN TRUCK TRAFFIC WILL BE USING THE APPROACH.



SIDEWALK

STANDARD COMMERCIAL APPROACH





CITY OF PUBLIC WORKS DEPARTMENTS

CURB CUT

OFFICE THE CITY ENGINEER

STREET PATCH 3375

NOTES: TO BE RELOCATED SHALL HAVE A SQUARE SECTION OF CONCRETE SURROUNDED BY 3/8" EXPANSION JOINT MATERIAL AROUND THE POLE. THE JOINT SHALL BE NO CLOSER THAN 6" TO ANY ECTION: USE IN INTERSECTIONS AND DRIVEWAY RADI S. FORMS SHALL BE EITHER WOOD OR STEEL AND SHALL MEET ALL REQUIREMENTS OF THESE SPECIFICATIONS. -3/8" EXPANSION . CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE SIDEWALK MINIMUM UNOBSTRUCTED CLEAR WIDTH SHALL BE 4', EXCLUSIVE OF THE WIDTH OF THE CURB. 9. GRATINGS, ACCESS COVERS, JUNCTION BOXES, CABLE VAULTS, PULL BOXES AND OTHER APPURTENANCES WITHIN THE SIDEWALK (RIGHT-OF-WAY MUST HAVE SLIP RESISTANT SURFACE AND MATCH THE GRADE OF THE SIDEWALK. MINIMUM SIDEWALK WIDTHS 5'(RS ZONES) SINGLE FAMILY RESIDENTIAL 10. CURB RAMPS SHALL BE CONSTRUCTED AT (DETACHED DWELLINGS) 8'(RS ZONES) COMMERCIAL USES, WHEN REQUIRED INTERSECTIONS USING A DESIGN PREPARED BY A BY DEVELOPMENT SERVICES MANAGER LICENSED PROFESSIONAL ENGINEER. WHEN A RAMP 8'(RM ZONES) MEDIUM AND HIGH DENSITY DESIGN FAILS TO MEET ALL APPLICABLE DESIGN

SIDEWALK WITHOUT PLANTING STRIP PUBLIC WORKS DEPARTMENTS 01.02.01

STANDARDS, THE ENGINEER SHALL DOCUMENT WHY

THE MAXIMUM EXTENT FEASIBLE

HE PROPOSED RAMP ACHIEVES DESIGN STANDARDS

60' RIGHT OF WAY (SEE NOTE 6. OPTION B) 2' (MIN.) CUT BACK - FULL DEPTH ASPHALT REPLACEMENT CENTERLINE OR CROWN OF EXISTING ROADWAY - POTHOLE - OPTION A - POTHOLE - OPTION B SAWCUT & TRENCH WINDOW 1 - 2" GRIND /OVERLAY **PLAN** (SEE NOTE 6, OPTION B) FULL LANE OR HALF STREET WIDTH 2" GRIND/OVERLAY " (MINIMUM) HMA CL 1" PG 64-22 -24" MIN. CUT BACK (TYP.) FUL (OR MATCH EXISTING THICKNESS DEPTH ASPHALT REPLACEMENT WHICHEVER IS GREATER REQUIRED TRENCH (WIDTH VARIES) ALL SAWCUTS SHALL BE-TACK COATED AT THE FACE PRIOR TO PAVING. AFTER PAVING, TOP JOINT SHALL BE SEALED WITH AR4000W. SURFACING BASE COURSE BASE AND SUBBASE MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY INITIAL BACKFILLING SHALL BE PERFORMED ONLY AFTER INSPECTION AND APPROVAL OF THE INSTALLED PIPE OR STRUCTURE. THE TRENCH

ALL BACKFILL FOR PIPE TRENCHES SHALL BE MECHANICALLY COMPACTED BY A POWER-OPERATED MECHANICAL TAMPER(S) AS SPECIFIED IN WSDOT STANDARD SPEC. 2-03.3 (14)C, COMPACTING EARTH EMBANKMENTS, METHOD C OF THE WSDOT STANDARD SPECIFICATIONS

IF PAVING SURFACES ADJACENT TO THE TRENCH OPENING MAY BE DAMAGED WHERE TRENCHES ARE MADE PARALLEL TO THE STREET, OR WHERE A NUMBER OF CROSS TRENCHES ARE LAID IN CLOSE PROXIMITY TO ONE ANOTHER OR WHERE THE EQUIPMENT USED MAY CAUSE SUCH DAMAGE, THE CITY ENGINEER MAY REQUIRE A NEGOTIATED CONTRIBUTION FROM THE PERMITTEE FOR RESURFACING IN LIEU OF PATCHING. IF THE TOTAL AREA OF THE PROPOSED PATCH OR PROBABLE DAMAGED AREA EXCEEDS 25 PERCENT OF THE TOTAL PAVEMENT SURFACING BETWEEN CURB FACES OR BETWEEN CONCRETE GUTTER EDGES IN ANY BLOCK, SUCH NEGOTIATIONS SHALL BE CARRIED ON AND CONTRIBUTIONS AGREED UPON PRIOR TO ISSUANCE OF A PERMIT. SUCH CONTRIBUTIONS SHALL BE IN ADDITION TO THE STANDARD PERMIT FEE.

OPTION A - UP TO A 10" DIAMETER CORE DRILL IS ALLOWED. CORE HOLES MADE DURING UTILITY POTHOLES SHALL BE BACKFILLED WITH CDF TO WITHIN 4" OF FINISHED GRADE. 4" OF HMA SHALL THEN BE PLACED AND COMPACTED, FLUSH WITH EXISTING GRADE.

OPTION B - FOR POTHOLE WINDOWS LARGER THAN 10" IN DIAMETER OR TRENCHING COMPLETED IN EXISTING ROADWAY, THE CONTRACTOR SHALL MEET CITY STANDARD 06.01.01 FOR PIPE BEDDING AND BACKFILL REQUIREMENTS, PAVEMENT RESTORATION SHALL BE ACCOMPLISHED BY INSTALLING THE TRENCH PATCH, AS SHOWN HEREIN, AND THEN GRINDING/OVERLAYING TO A MINIMUM DEPTH OF 2". THE LIMITS OF THE REQUIRED GRIND/OVERLAY SHALL BE TO THE NEAREST LANE LINE, OR HALF STREET, AND SHALL BE A MINIMUM OF 18 FEET LONG (Longitudinally along roadway) centered at location of patch. Note: if existing asphalt thickness is less than 3", full depti PAVEMENT REPLACEMENT. IN LIEU OF GRIND/OVERLAY, TO MEET A MINIMUM ASPHALT THICKNESS OF 4" WILL BE REQUIRED.

WHERE LOCATION OF TRENCH OR POTHOLE WINDOW INTERSECTS ROAD CENTERLINE, A MINIMUM GRIND AND OVERLAY OF ONE FULL LANE WIDTH (12') IS REQUIRED CENTERED ON ROADWAY. NO LONGITUDINAL JOINTS WILL BE ALLOWED IN THE WHEEL PATH. ALL MANHOLE FRAMES, VALVE FRAMES AND MONUMENT COVERS SHALL BE INSTALLED AFTER PLACEMENT OF ASPHALT. IF MORE THAN ONE LIF IS NECESSARY, FRAMES AND LIDS WILL BE ADJUSTED TO FINISH GRADE AT FIRST LIFT AS DIRECTED BY THE CITY.

AT ANY TIME DURING CONSTRUCTION IT IS DETERMINED BY THE CITY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR AND/OR THE OWNER SHALL IMMEDIATELY TAKI ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW. WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WAS FACILITY ON-SITE

- SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE PROJECT'S NPDES CONSTRUCTION STORMWATER GENERAL PERMIT.
- CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPT. OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEADPERSON, AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THE PROJECT
- CONSTRUCTION SWPPP AND NPDES CONSTRUCTION STORMWATER GENERAL PERMIT SHALL BE KEPT ON-SITE AT ALL TIMES.
- A NPDES S ORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY AT (360)407-6300.

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 PRE-CONSTRUCTION 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 REPRESENTATIVES OF INVOLVED UTILITIES AND THE CITY OF PUYALLUP. CONTACT THE ENGINEERING SERVICES TO SCHEDULE THE MEETING (253-841-5568). THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN 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 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.

CONSTRUCTION SEQUENCE:

- BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING MUST BE HELD BETWEEN CITY OF PUYALLUP, THE APPLICANT, AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE, AND CONTRACTOR PERMITTEE.
- FLAG CLEARING LIMITS.
- REPAIR OR REPLACE SILT FENCE AS NEEDED.
- RE-GRADE TEMPORARY SEDIMENT POND
- SCHEDULE EROSION CONTROL INSPECTION WITH CITY.
- 6. CLEAR AND GRUB.
- ROUGH GRADE ROADWAYS.
- INSTALL WATER, SEWER & STORM LINES.
- FINISH GRADE ROADWAY.
- 10. CONSTRUCT CURB AND GUTTER
- 11. INSTALL PHONE, CABLE, POWER, ETC..
- 12. CONSTRUCT SIDEWALKS ALONG TRACTS ONLY PAVE ROADS.
 - 2" HOT MIX ASPHALT 4" CSBC (CRUSHED SURFACING BASE COURSE) CRUSHED SURFACING MEETING THE REQUIREMENTS OF WSDOT STANDARD SPEC. 9-03.9(3). THE MATERIAL SHALL BE PLACED IN ACCORDANCE WITH WSDOT STANDARD SPEC. 4-04. (2012 STANDARDS) COMPACTED SUBGRADE PREPARATION PER SECTION 2-06 OF WSDOT STANDARD

SITE ASPHALT CROSS SECTION

- 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 STANDARD DETAILS.
- 10. 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, 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
- 12. 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.
- 13. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- 14. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS. OR SIGNIFICANT TREES FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY%%146S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER%%146S EXPENSE
- 15. NO SURVEY MONUMENT SHALL BE REMOVED OR DESTROYED (THE PHYSICAL DISTURBANCE OR COVERING OF A MONUMENT SUCH THAT THE SURVEY POINT IS NO LONGER VISIBLE OR READILY ACCESSIBLE) BEFORE A PERMIT IS OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES (DNR).WAC 332-120-030(2) STATES "IT SHALL BE THE RESPONSIBILITY OF <THOSE> PERFORMING CONSTRUCTION WORK OR OTHER ACTIVITY (INCLUDING ROAD AND STREET RESURFACING PROJECTS TO ADEQUATELY SEARCH THE RECORDS AND THE PHYSICAL AREA OF THE PROPOSED CONSTRUCTION WORK OR OTHER ACTIVITY FOR THE PURPOSE OF LOCATING AND REFERENCING ANY KNOWN OR EXISTING SURVEY MONUMENTS" CONSTRUCTION SHALL NOT COMMENCE UNTIL WAC OUTLINED IN CHAPTER 332-120 IS COMPLIED WITH. SURVEY MONUMENTS SUBJECT TO WAC 332-120-030(2) INCLUDE LOCAL CONTROL POINTS AND LAND **BOUNDARY SURVEY CORNERS.**
- 13. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY OF PUYALLUP STANDARDS AND MANUFACTURER'S RECOMMENDATIONS, AND NPDES CONSTRUCTION STORMWATER GENERAL PERMIT
- 14. RELOCATE SURFACE WATER CONTROLS OR EROSION CONTROL MEASURES INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENTATION CONTROL IS IN ACCORDANCE WITH CITY OF PUYALLUP REQUIREMENTS. AND NPDES CONSTRUCTION STORMWATER GENERAL PERMIT.
- 15. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN FIVE DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON, OR AS NECESSARY BASED ON THE WEATHER FORECAST, WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR EQUIVALENT. (MAY 1ST TO SEPTEMBER 30 AND OCTOBER 1 TO MAY 30, RESPECTIVELY.
- 16. STABILIZE ALL AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADE.
- 17. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS
- 18. UPON COMPLETION OF PROJECT, STABILIZE ALL DISTURBED AREAS AND REMOVE BMP'S AS APPROPRIATE.
- 19. UPON COMPLETION OF PROJECT CLEAN STORM PIPE
- 20. REMOVE EROSION CONTROL MEASURES.
- 21. CLEAN-UP.

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

DEVELOPMENT ENGINEERING NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL FIELD CONDITIONS MAY DICTATE Q 0 0

APPROVED

CITY OF PUYALLUP

THE CITY WILL NOT BE

DETERMINED BY THE

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DEVELOPMENT ENGINEERING

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NOTES FOR CONNECTING TAPS ON EXISTING SEWER MAINS

BE INACCORDANCE WITH THE "CITY STANDARDS" MANUAL.

. 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.

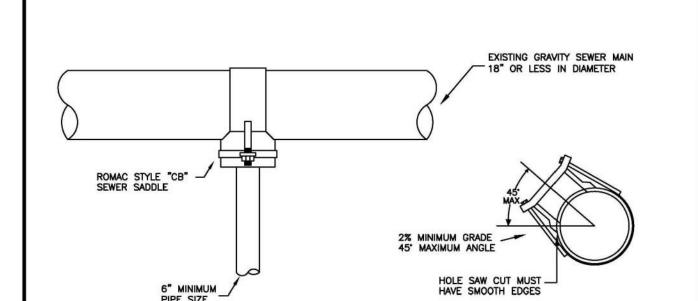
2. THE SEWER MAIN TAP SHALL BE CUT WITH A SEWER PIPE TAPPING MACHINE (HOLE SAW) CAPABLE OF RETAINING THE COUPON.

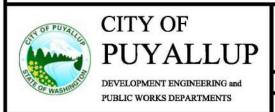
4. THE COUPON SHALL BE RETAINED AND SURRENDERED TO THE INSPECTOR. THE PERMIT HOLDER WILL PAY ALL COSTS ASSOCIATED WITH THE LOCATION AND RETRIEVAL OF A LOST COUPON. ADDITIONALLY THE PERMIT HOLDER WILL BE HELD LIABLE FOR ANY SUBSEQUENT DAMAGES CAUSED BY A LOST COUPON.

5. BOLTS SHALL BE TORQUED TO MANUFACTURE SPECIFICATIONS, THEN RETORQUED AFTER 10 MINUTES.

NOT BE ALLOWED UNTIL REPAIRS ARE COMPLETED AND ACCEPTED BY THE CITY ENGINEER

- 6. 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
- 7. 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
- 8. 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 WI

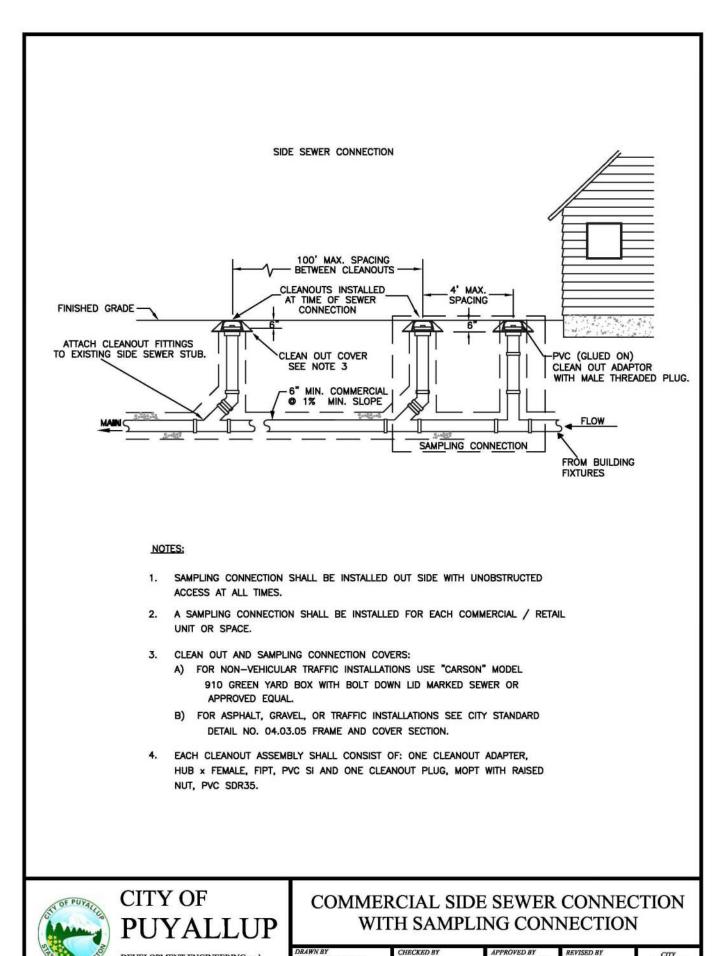




PUBLIC WORKS DEPARTMENTS

SEWER MAIN TAP

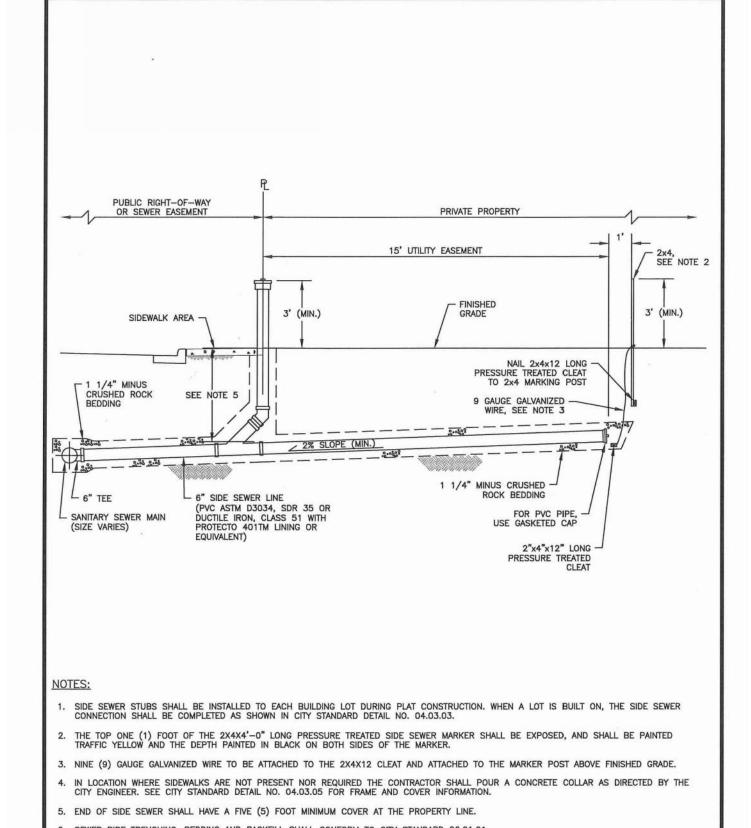
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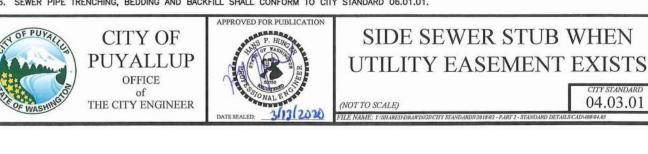


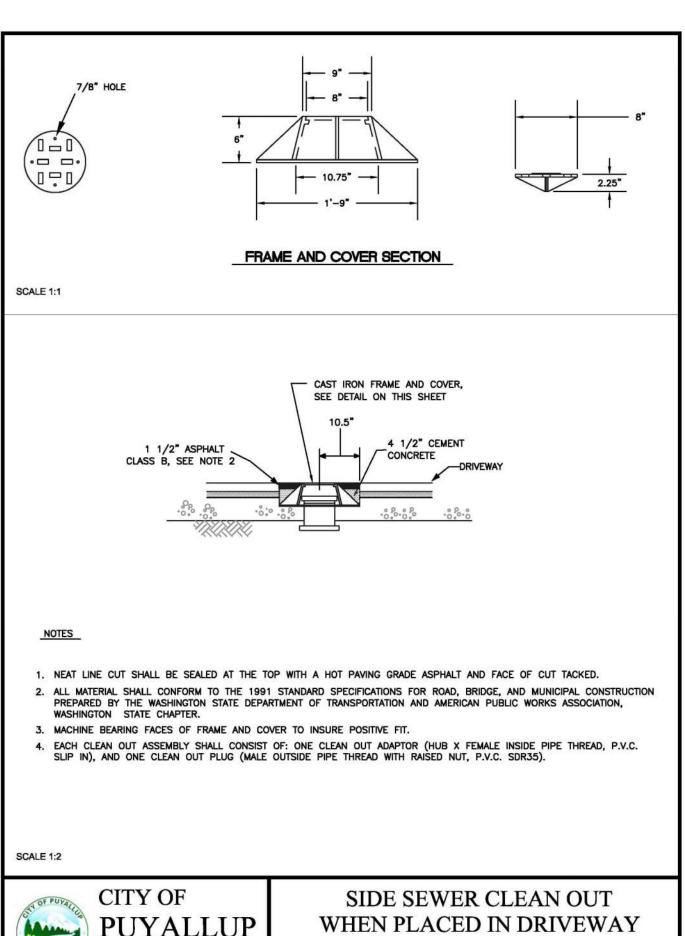
10TH STREET DEVELOPEMENT PROJECT

SEC 27 / TWP 20 / RGE 4 E, W.M.

CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON NOTES & DETAILS 2





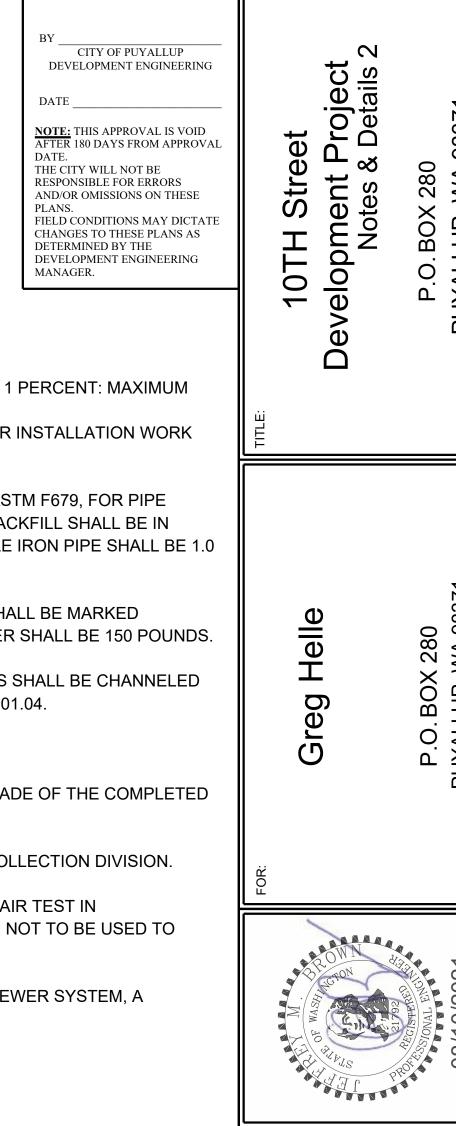


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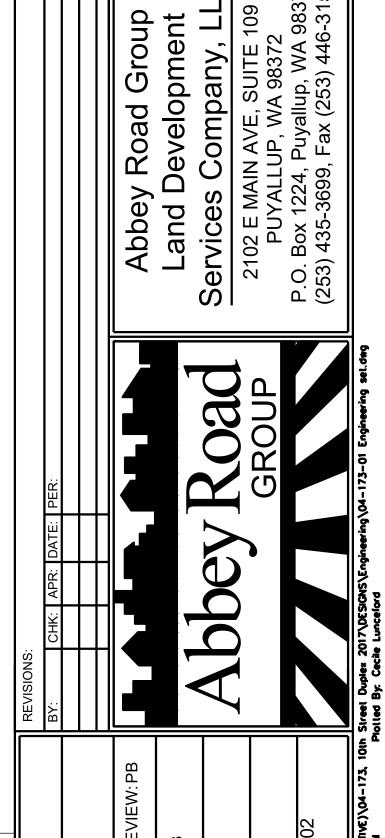
PUBLIC WORKS DEPARTMENTS

SANITARY SEWER NOTES:

- MINIMUM GRADE ON ALL 4 INCH RESIDENTIAL SIDE SEWER SHALL BE 2 PERCENT AND 6 INCH COMMERCIAL SIDE SEWER SHALL BE 1 PERCENT: MAXIMUM SHALL BE 8 PERCENT. ALL SIDE SEWERS SHALL BE 6 INCHES WITHIN THE CITY RIGHT-OF-WAY.
- SIDE SEWERS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD NO'S. .04.03.01 ,04.03.02, 04.03.03, 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 SEWER PIPE CONFORMING TO ASTM D-3034, SDR35, FOR PIPE SIZES 15-INCH AND SMALLER AND ASTM F679, FOR PIPE SIZES 18- TO 27-INCH, OR DUCTILE IRON PIPE CLASS 51 OR GREATER, UNLESS OTHERWISE NOTED. TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 06.01.01. MINIMUM COVER ON PVC 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'S. 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 CHANNELED FOR FUTURE LINES AS SPECIFIED ON THESE PLANS. MANHOLE STEPS AND LADDERS SHALL CONFORM TO CITY 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'S 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
- 11. ALL SANITARY SEWER SHALL BE MANDREL TESTED.



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

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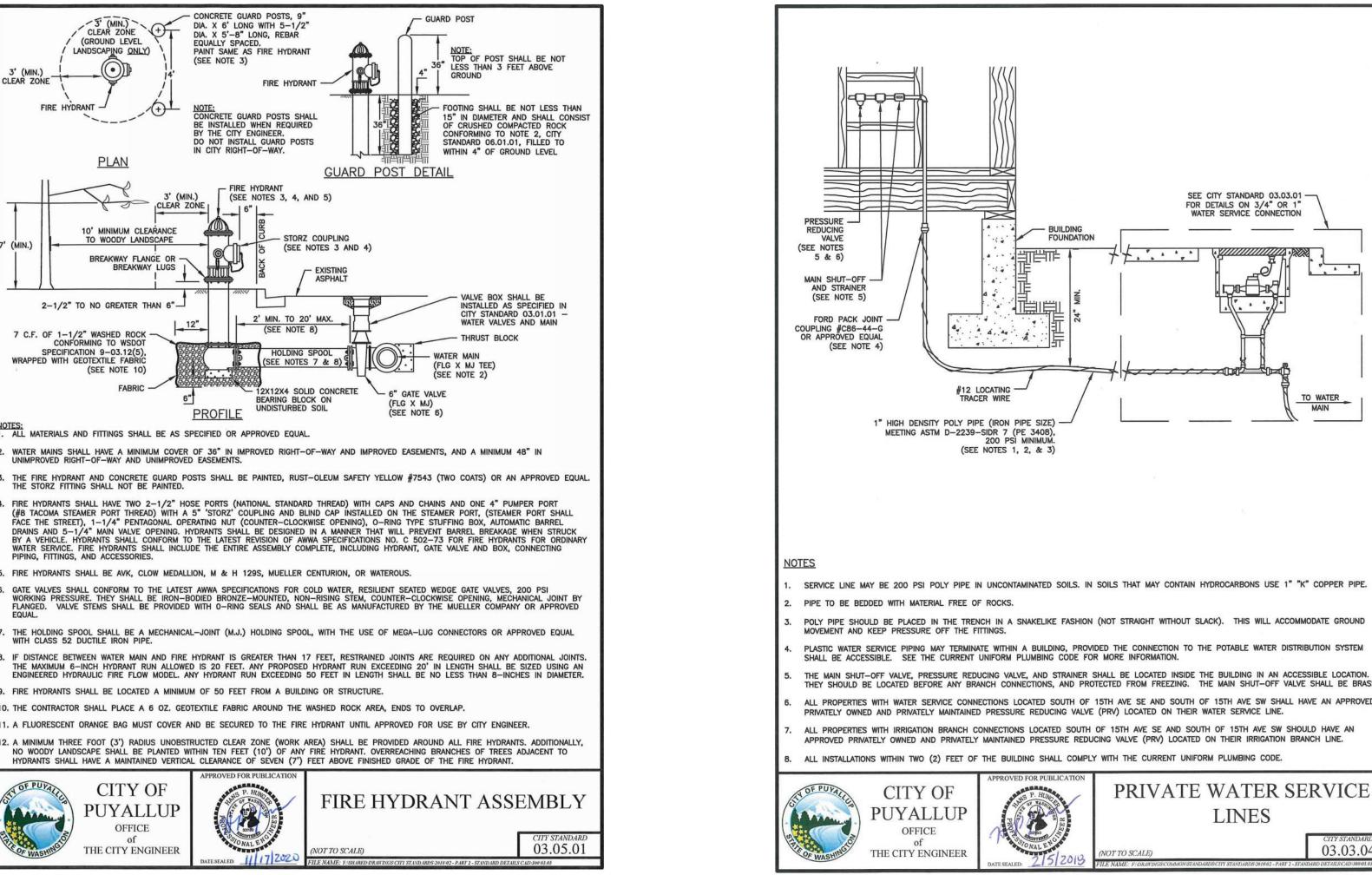
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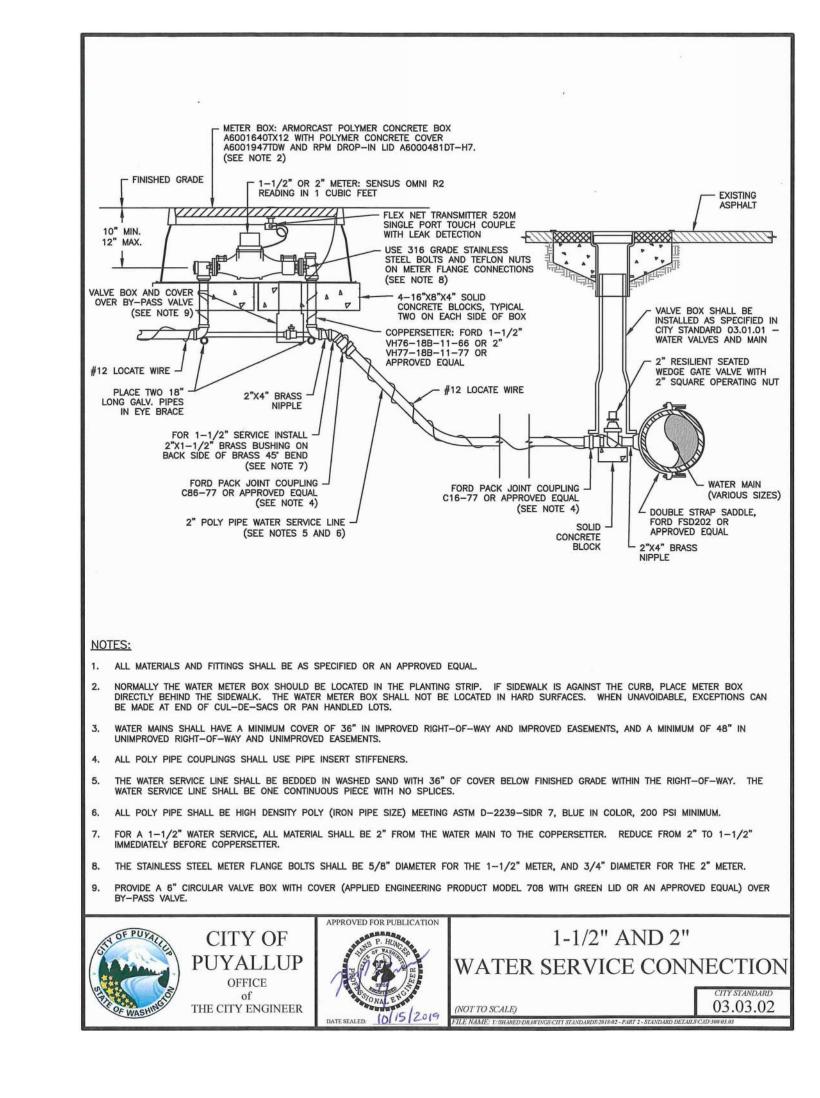
10TH STREET DEVELOPEMENT PROJECT

SEC 27 / TWP 20 / RGE 4 E, W.M.

CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON

NOTES & DETAILS 3





APPROVED

CITY OF PUYALLUP DEVELOPMENT ENGINEERING

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL

THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS

DETERMINED BY THE

MANAGER.

DEVELOPMENT ENGINEERING

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WATER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES IN IMPROVED RIGHT-OF-WAY AND A MINIMUM OF 48 INCHES IN UNIMPROVED RIGHT-OF-WAY AND EASEMENTS.

03.03.04

2. 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 A21.4-1964.

3. CONNECTIONS TO EXISTING WATER MAINS SHALL TYPICALLY BE WET TAPS THROUGH A TAPPING 'TEE' AND TAPPING VALVE AND SHALL BE MADE BY A CITY-APPROVED CONTRACTOR. THE TAPPING SLEEVE SHALL BE EPOXY COATED OR DUCTILE IRON. STAINLESS SLEEVES SHALL ONLY BE USED ON AC PIPE. THE CITY (OR FMWC, VW, OR TCW WHEN SERVED BY THAT PURVEYOR) SHALL APPROVE THE TIME AND LOCATION FOR THESE CONNECTIONS.

4. ALL WATER MAINS AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 200 PSI IN ACCORDANCE WITH CITY STANDARDS.

5. 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 NORTHWEST GAS BEFORE THE CROSSING IS MADE.

11. TRENCHING, BEDDING, AND BACKFILL FOR WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 06.01.01.

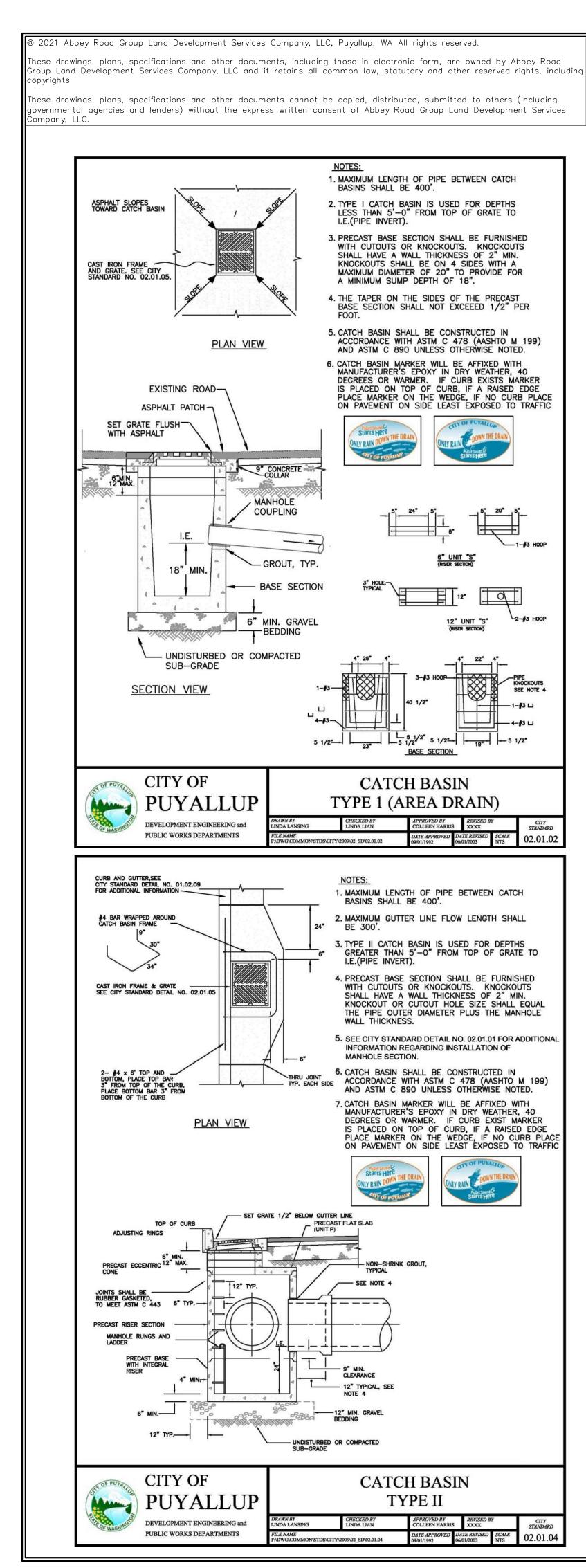
12. ALL COMMERCIAL AND INDUSTRIAL DEVELOPMENTS, IRRIGATION SYSTEMS, AND MULTIFAMILY WATER SERVICE CONNECTIONS SHALL BE PROTECTED BY A DOUBLE CHECK VALVE ASSEMBLY OR A REDUCED PRESSURE BACKFLOW ASSEMBLY AS DIRECTED BY THE CITY (OR FMWC, VW, OR TCW WHEN SERVED BY THAT PURVEYOR. CONFORMING TO CITY STANDARD DETAILS 03.04.01 ZNC 03.04.02-1, 03.04.02-2 AND 03.04.03

13. ANY LEAD JOINT FITTING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH A MECHANICAL FITTING AT CONTRACTOR EXPENSE.

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.

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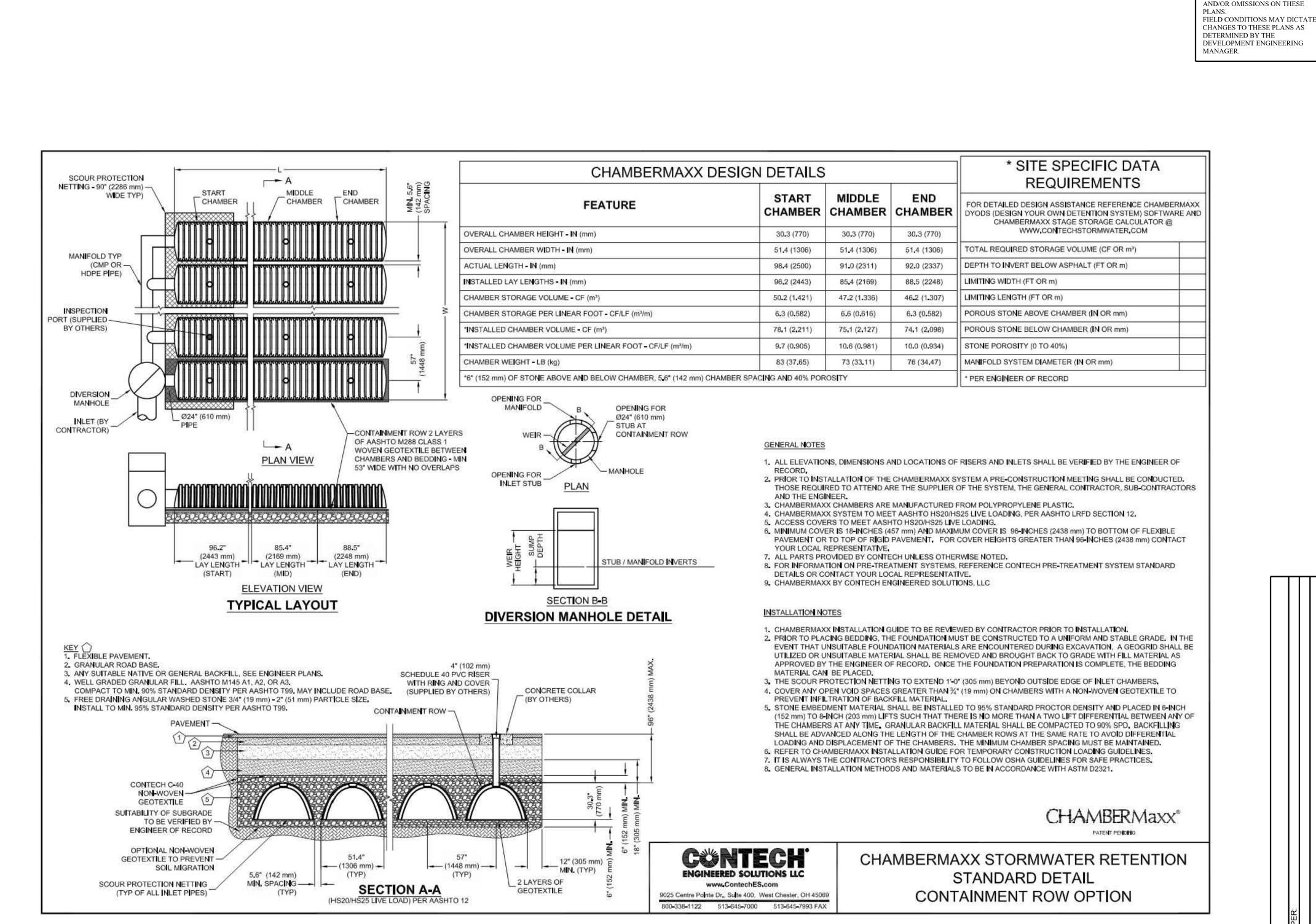
10. THE CONTRACTOR SHALL PLACE A 6 OZ. GEOTEXTILE FABRIC AROUND THE WASHED ROCK AREA, ENDS TO OVERLAP. NO WOODY LANDSCAPE SHALL BE PLANTED WITHIN TEN FEET (10') OF ANY FIRE HYDRANT. OVERREACHING BRANCHES OF TREES ADJACENT TO HYDRANTS SHALL HAVE A MAINTAINED VERTICAL CLEARANCE OF SEVEN (7') FEET ABOVE FINISHED GRADE OF THE FIRE HYDRANT. OFFICE of **WATER SYSTEM NOTES:**



10TH STREET DEVELOPEMENT PROJECT

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CITY OF PUYALLUP, PIERCE COUNTY, STATE OF WASHINGTON NOTES & DETAILS 4



THE CONTRACTOR SHALL VERIFY THE LOCATION

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OF ALL EXISTING UTILITIES PRIOR TO ANY

THE START OF CONSTRUCTION.

CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO

CITY OF PUYALLUP Project Details DEVELOPMENT ENGINEERING NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL RESPONSIBLE FOR ERRORS elopme Not 0 Helle reg

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THE CITY WILL NOT BE