

#### BRADBURY PLACE APARTMENTS **GRAPHIC SCALE** A PORTION OF SECTION 3, TOWNSHIP 19N, RANGE 04 E, W.M. CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON 1 INCH = 40 FEET (22"x34")1 INCH = 80 FEET (11"x17")S88 °12 '24"E 2649.55' LEGAL DESCRIPTION S87°52'36"E 335.43'(C) THE NORTH 1/4 CORNER OF — S89 °44 '37 "E 335.39 ' (SP) SEC. 3, TWP. 19N, RGN. 4E, W.M. LOTS 2 AND 3 OF SHORT PLAT AS RECORDED JANUARY 7, FOUND BRASS PIN IN CONCRETE, 1981, UNDER PIERCE COUNTY AUDITOR'S FEE NO. INCASED 1.6' DOWN AT THE 8101070262. NORTHWEST SEC. CORNER OF SEC. 3, TWP. 19N, RGN. 4E, W.M. SITUATE IN THE COUNTY OF PIERCE, STATE OF VISITED 12-22-20 WASHINGTON. BASIS OF BEARING GRID NORTH. BASED UPON GLOBAL POSITIONING SYSTEM (GPS) LAMBERT GRID WASHINGTON STATE SOUTH ZONE COORDINATES. THE NORTH AMERICAN DATUM OF 1983/2011 (NAD 83/2011 EPOCH 2010.00) GRID 30' ROAD EASEMENT — AS SHOWN ON SP COORDINATES WERE FOUND TO BE 671989.970 / 1194413.516 AT A BRASS PIN IN CONCRETE, INCASED A THE WEST 1/4 CORNER OF SECTON 3, REC. NO.8101070262 TOWNSHIP 19 NORTH, RANGE 4 EAST, OF THE W.M.. THE INVERSE OF BOTH THE SEA LEVEL CORRECTION FACTOR OF 0.9999824053 AND THE GRID SCALE FACTOR OF 0.9999653352 WAS APPLIED TO THE GRID COORDINATES RIM=402.87 12"PVC E IE 397.57 FOR SHOWN GROUND DISTANCES. 12"PVC W IE 397.49 12"PVC S IE 397.51 VERTICAL DATUM BASE: HELD STATION TACO AS PUBLISHED ON WASHINGTON STATE S86°52'12.47"E 335.51' REFERENCE NETWORK WEBSITE (http://www.wstn3.org/) ELEVATION: 341.348' (NAVD 88) SITE #1: SITE BENCH MARK 1-SET HUB AND MAG NAIL WESTERLY OF SITE SHOWN HEREON SET HUB AND MAG EL=406.33 (NAVD 88) ELEVATION: 406.33 (NAVD 88) SITE #2: SET MAG NAIL SOUTH OF SITE SHOWN HEREON ELEVATION: 419.03 (NAVD 88) 6"PVC W/CAP DIRECTED TO SURVEYOR NOTES CB NEAR PROPERTY LINE THE MONUMENT CONTROL SHOWN FOR THIS SITE WAS ACCOMPLISHED BY FIELD TRAVERSE UTILIZING A TWO (2) SECOND THEODOLITE WITH INTEGRAL ELECTRONIC DISTANCE MEASURING METER (TRIMBLE S6)AND REAL TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS)(TRIMBLE R10). LINEAR AND ANGULAR CLOSURE OF THE TRAVERSES MEET THE STANDARDS OF WAC 332-130-090. THIS SURVEY REPRESENTS PHYSICAL IMPROVEMENT CONDITIONS AS THEY EXISTED DECEMBER 22, 2020, THE DATE OF THIS FIELD SURVEY. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE WHICH ARE VISIBLE OR HAVING VISIBLE EVIDENCE OF THEIR INSTALLATION ARE SHOWN HEREON. RIM=410.91 THE LEGAL DESCRIPTION SHOWN HEREON IS AS PROVIDED BY THE 8"PVC W IE 408.41 4"PVC E IE 409.59 CLIENT. NO ADDITIONAL RESEARCH HAS BEEN ATTEMPTED. OFFSET DIMENSIONS SHOWN HEREON ARE MEASURED PERPENDICULAR TO PROPERTY LINES. THE PURPOSE OF THIS SURVEY IS TO SUPPORT FUTURE POTENTIAL ELEVATION CONTOURS SHOWN HEREON ARE DERIVED FROM FIELD MEASUREMENTS AND MEET OR EXCEED THE MINIMUM ACCURACY CRITERIA OF THE NATIONAL MAPPING STANDARD, BEING ONE-HALF THE CONTOUR 27TH AVE SE **VERIFICATION NOTE** ALL EXISTING UTILITIES IN THE CONSTRUCTION AREA SHALL BE IDENTIFIED AND VERIFIED FOR DEPTH AND LOCATION PRIOR TO ANY ROW LINES SOUTH THIS POINT -CB 2 RIM=418.01 12"DI SW IE 413.56 -SSMH 5 RIM=400.38 LADDER SE CONSTRUCTION ACTIVITIES SO TO IDENTIFY ANY POTENTIAL CONFLICTS PER PIERCE COUNTY GIS. WITH PROPOSED CONSTRUCTION. CONTACT PROJECT ENGINEER SHOWN FOR REFERENCE ONLY IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED. 8"PVC W IE 381.78 8"PVC E IE 381.82 DESIGNER: M. GOULARTE PRIOR TO ANY CONSTRUCTION ACTIVITIES, VERIFY EXISTING RIM=418.00 +/-ENGINEER: J. HAUG TOPOGRAPHY IS CONSISTENT WITH WHAT IS SHOWN ON PLANS AND IF 12"DI E/NE IE 412.75 +/ DRAWN: R. HENRETTA THERE ARE ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION ACTIVITIES. CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY S 03 T 19 N R 04 E WM SITE BENCH MARK 2 CONFLICTS ARE IDENTIFIED. DATE: 6.13.2024 SET MAG NAIL REVISED: EL=419.03 (NAVD 88) CALL 811 AT LEAST 48 DWG NAME: 20-223-SITE SHEET **HOURS BEFORE YOU DIG** 2 OF 7

REV.

## BRADBURY PLACE APARTMENTS **GRAPHIC SCALE** A PORTION OF SECTION 3, TOWNSHIP 19N, RANGE 04 E, W.M. CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON 1 INCH = 30 FEET (22"x34")1 INCH = 60 FEET (11"x17")INFILTRATION POND -BOTTOM AREA = 1,534 SF NORTH RETAINING WALL TOP AREA = 2,898 SF MAX HEIGHT 3'-6' BUILDING 4 AISLE B (PRIVATE) FF=410.10 FF=410.10 BUILDING 5 FF=410.10 EAST RETAINING WALL MAX HEIGHT 3'-6' ∕FF=411.10≤ MIDDLE RETAINING WALL FF=411.10 MAX HEIGHT 3'-6' ŞBUILDING 2₹ FF=410.10 FF=411.10 ×FF=411.10 <FF=412.10< FF=412.10 BUILDING 6 2.00% 3.58% ≷FF=413.60∑ AISLE A (PRIVATE) ×FF=413.60< FF=413.60 BUILDING FF=410.60 FF=411.60 XFF=413.60X - SOUTH RETAINING WALL MAX HEIGHT 3'-6'

### **GRADING QUANTITIES**

 $CUT = 7,500 CU YD \pm$  $FILL = 4,900 CU YD \pm$ NET = 2,600 CU YD± CUT

THIS CALCULATION IS FOR REVIEW AND PERMITTING PURPOSES ONLY. THE NUMBERS SHOWN ARE GENERATED FROM THE FINISHED GROUND SURFACE (I.E. TOP OF PAVEMENT, TOP OF CONCRETE, TOP OF PAD, ETC.) TO THE SURVEYED EXISTING GROUND SURFACE AS NOTED ABOVE. CONTRACTOR SHALL DO THEIR OWN CALCULATION BASED ON THE INFORMATION PROVIDED WITHIN THESE

#### THE QUANTITIES MAY VARY BASED ON THE FOLLOWING FACTORS:

- SHRINK/SWELL OF EXISTING SOILS
- VARIANCE OF VEGETATION THICKNESS AND UNSUITABLE TOPSOIL
- SUBBASE REQUIREMENTS FOR THE ROAD SECTIONS SUBBASE REQUIREMENTS FOR THE BUILDING FOUNDATION BASED ON THE
- FINAL STRUCTURAL DESIGN TRENCHING EXCAVATION FOR PROPOSED UTILITIES
- ADDITIONAL CUT/FILL MAY BE REQUIRED FOR FUTURE UTILIZATION OF THE

#### STRIPPING QUANTITIES

STRIPPING DEPTH ASSUMED = 12" STRIPPING VOLUME = 8,234 C.Y.

- THIS CALCULATION IS FOR REVIEW AND PERMITTING PURPOSES ONLY. THE NUMBERS SHOWN ARE GENERATED FROM THE EXISTING GROUND
- STRIPPING DEPTH IS BASED UPON GEOTECHNICAL RECOMMENDATION OF

#### GRADING, EXCAVATION, AND EROSION CONTROL NOTES

- CURRENT WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND THE CURRENT 2019 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
- B. WHEN CONSTRUCTION OPERATIONS ARE SUCH THAT DEBRIS FROM THE WORK IS DEPOSITED ON THE STREETS, THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY DEPOSITS OR DEBRIS WHICH MAY ACCUMULATE ON THE ROADWAY SURFACE. IF THE CONTRACTOR FAILS TO KEEP THE STREETS FREE FROM DEPOSITS AND DEBRIS RESULTING FROM THE WORK, THE CONTRACTOR SHALL, UPON ORDER OF THE CITY OF PUYALLUP INSPECTOR, PROVIDE FACILITIES FOR, AND REMOVE ALL CLAY, DIRT, OR OTHER DEPOSITS FROM THE TIRES OR BETWEEN WHEELS BEFORE TRUCKS OR OTHER EQUIPMENT WILL BE ALLOWED TO TRAVEL OVER PAVED STREETS. SHOULD THE CONTRACTOR FAIL OR REFUSE TO CLEAN THE STREETS IN QUESTION, OR THE TRUCKS OR EQUIPMENT IN QUESTION, THE CITY OF PUYALLUP INSPECTOR MAY ORDER THE WORK SUSPENDED AT THE CONTRACTOR'S RISK UNTIL COMPLIANCE WITH THE CONTRACTOR'S OBLIGATIONS IS ASSURED, OR THE CITY OF PUYALLUP INSPECTOR MAY ORDER THE STREETS IN QUESTION CLEANED BY OTHERS AND SUCH COSTS INCURRED BY THE CITY IN ACHIEVING COMPLIANCE WITH THESE REQUIREMENTS, INCLUDING CLEANING OF THE STREETS, SHALL BE DEDUCTED FROM THE WORK ORDER
- C. THE CONTRACTOR SHALL PROTECT EXISTING DRAINAGE STRUCTURES USING ACCEPTABLE METHODS AND MATERIALS AS SHOWN ON THIS PLAN. IF THE METHODS AND MATERIALS AS SHOWN ON THIS PLAN ARE NOT ADEQUATE, THE CITY OF PUYALLUP INSPECTOR MAY REQUIRE ADDITIONAL/ALTERNATIVE METHODS FOR EROSION CONTROL AND/OR PROTECTION OF EXISTING DRAINAGE STRUCTURES. ADDITIONAL OR ALTERNATIVE METHODS SHALL BE SUBMITTED BY THE DESIGN ENGINEER AND ACCEPTED BY THE CITY OF PUYALLUP INSPECTOR. ANY DAMAGE CAUSED TO THE CITY OF PUYALLUP STORMWATER SYSTEM AS A RESULT OF THE WORK OUTLINED ON THIS PLAN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. RESOLVING SAID DAMAGE MAY INCLUDE, BUT NOT BE LIMITED TO, THE CLEANING OF THE DRAINAGE SYSTEM IN QUESTION BY THE CONTRACTOR.
- D. WATERING PROVISIONS WHEN APPLICABLE MUST BE IN PLACE TO PREVENT DUST FROM BECOMING AIR BORNE. VIOLATION OF THIS CONDITION WILL RESULT IN A STOP OF WORK UNTIL CORRECTED.
- E. FILL THAT WILL SUPPORT A STREET SECTION OR OTHER STRUCTURES SHALL BE PLACED UNDER THE INSPECTION OF A WASHINGTON STATE LICENSED GEOTECHNICAL ENGINEER. SOIL TO BE PLACED SHALL BE TESTED AND COMPACTED TO 95 PERCENT OF ITS MAXIMUM DENSITY. ENGINEER SHALL DOCUMENT EXISTING SITE CONDITIONS, SOIL AND ITS PLACEMENT AND ALLOWABLE BEARING CAPACITY SUBMITTED. STANDARD REQUIREMENTS FOR CUTS AND FILL ARE CONTAINED IN THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGES, AND MUNICIPAL CONSTRUCTION.
- F. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED FOR ALL WORK ORDER PROJECTS. THE PLAN MUST BE IN ACCORDANCE WITH THE CURRENT STORMWATER MANAGEMENT MANUAL FOR WESTERN

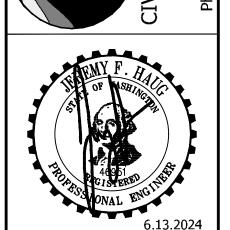
#### **VERIFICATION NOTE**

ALL EXISTING UTILITIES IN THE CONSTRUCTION AREA SHALL BE IDENTIFIED AND VERIFIED FOR DEPTH AND LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITIES SO TO IDENTIFY ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION. CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

PRIOR TO ANY CONSTRUCTION ACTIVITIES, VERIFY EXISTING TOPOGRAPHY IS CONSISTENT WITH WHAT IS SHOWN ON PLANS AND IF THERE ARE ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION ACTIVITIES. CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

CALL 811 AT LEAST 48 **HOURS BEFORE YOU DIG** 

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VII ENGINEERS ~ SURVEYORS ~ LAND PLANNERS			
253-857-5454 ~ Fax: 253-509-0044 ~ info@contourpllc.com			
Mailing Address: P.O. Box 949, Gig Harbor, WA 98335			

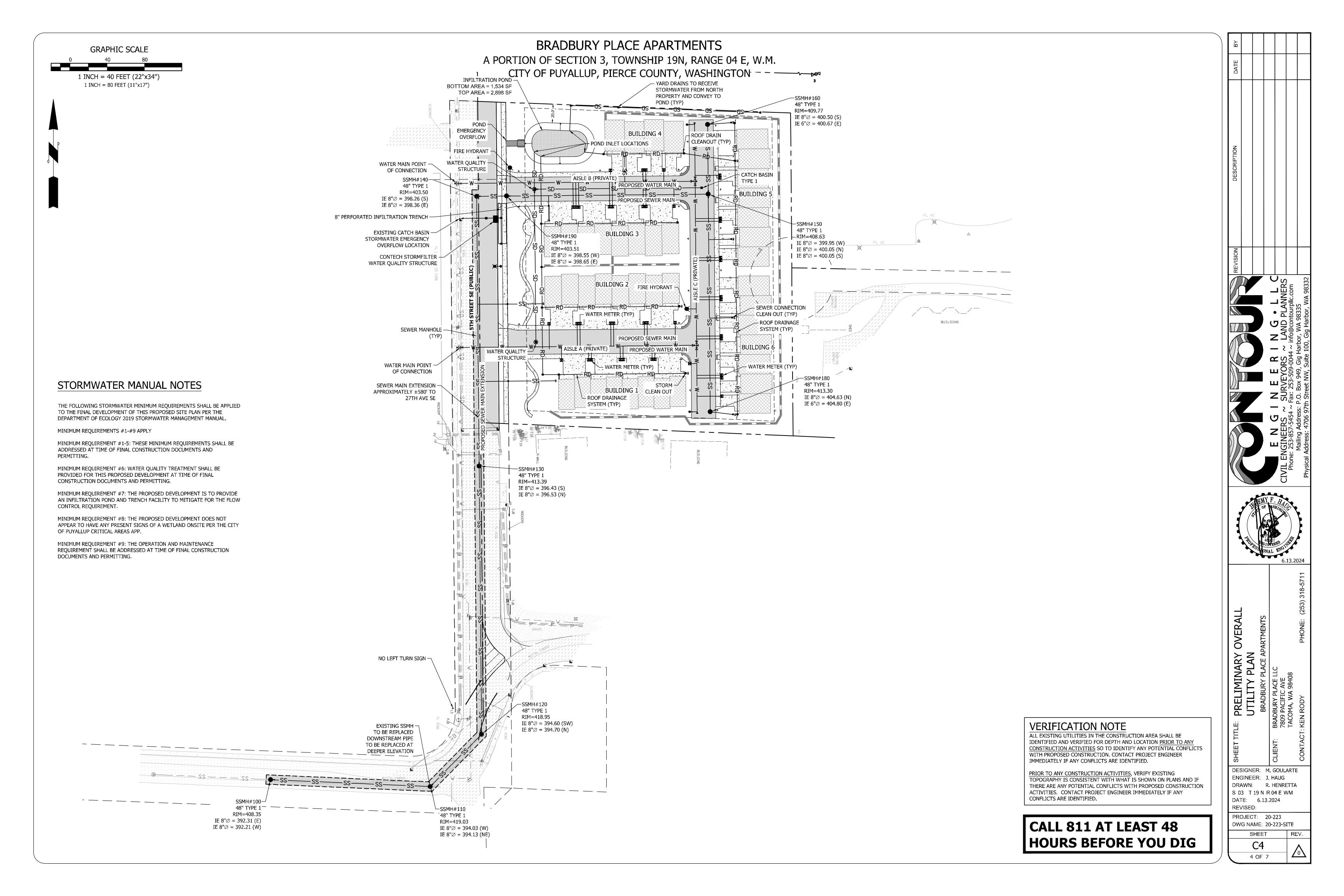


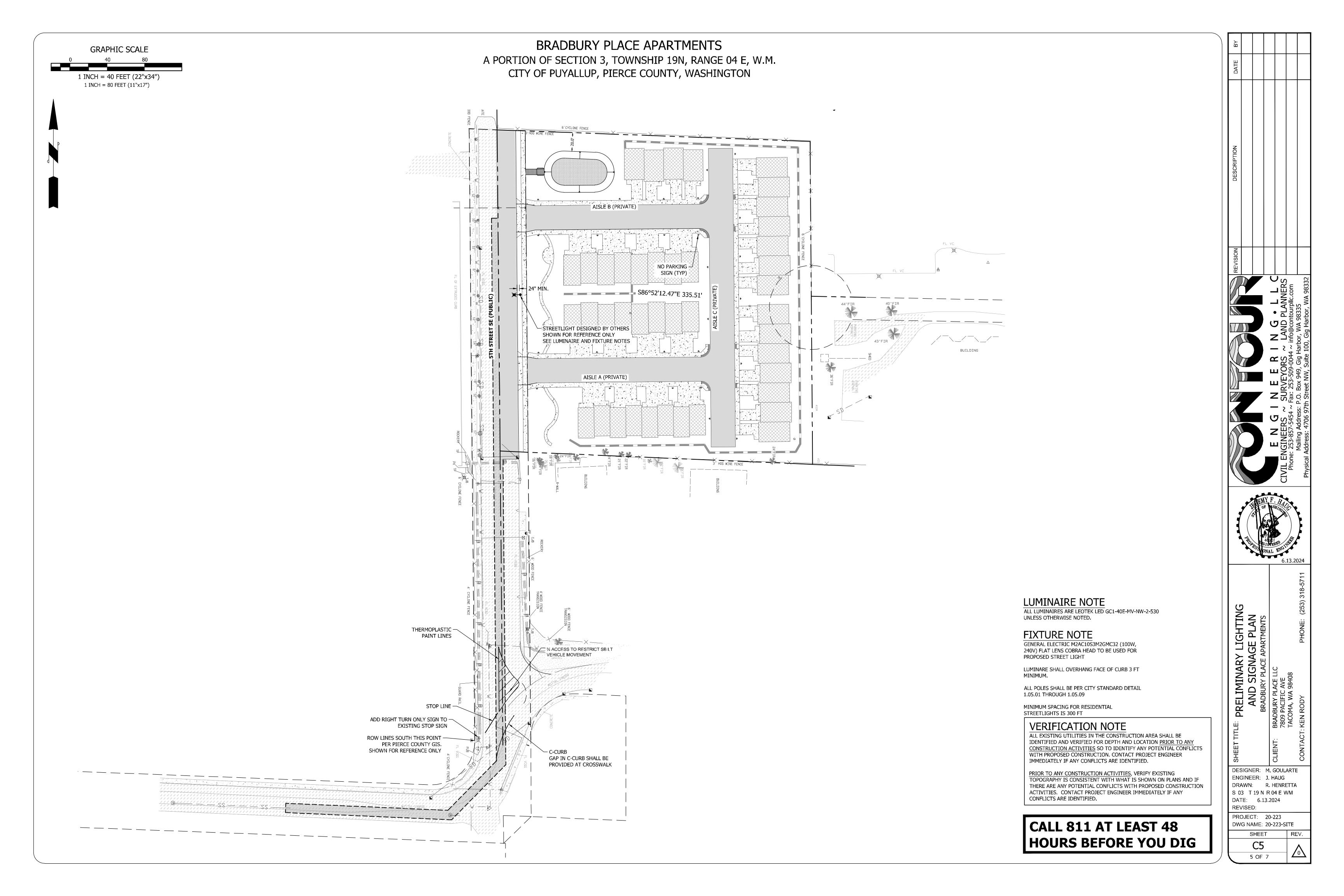
DESIGNER: M. GOULARTE ENGINEER: J. HAUG DRAWN: R. HENRETTA S 03 T 19 N R 04 E WM

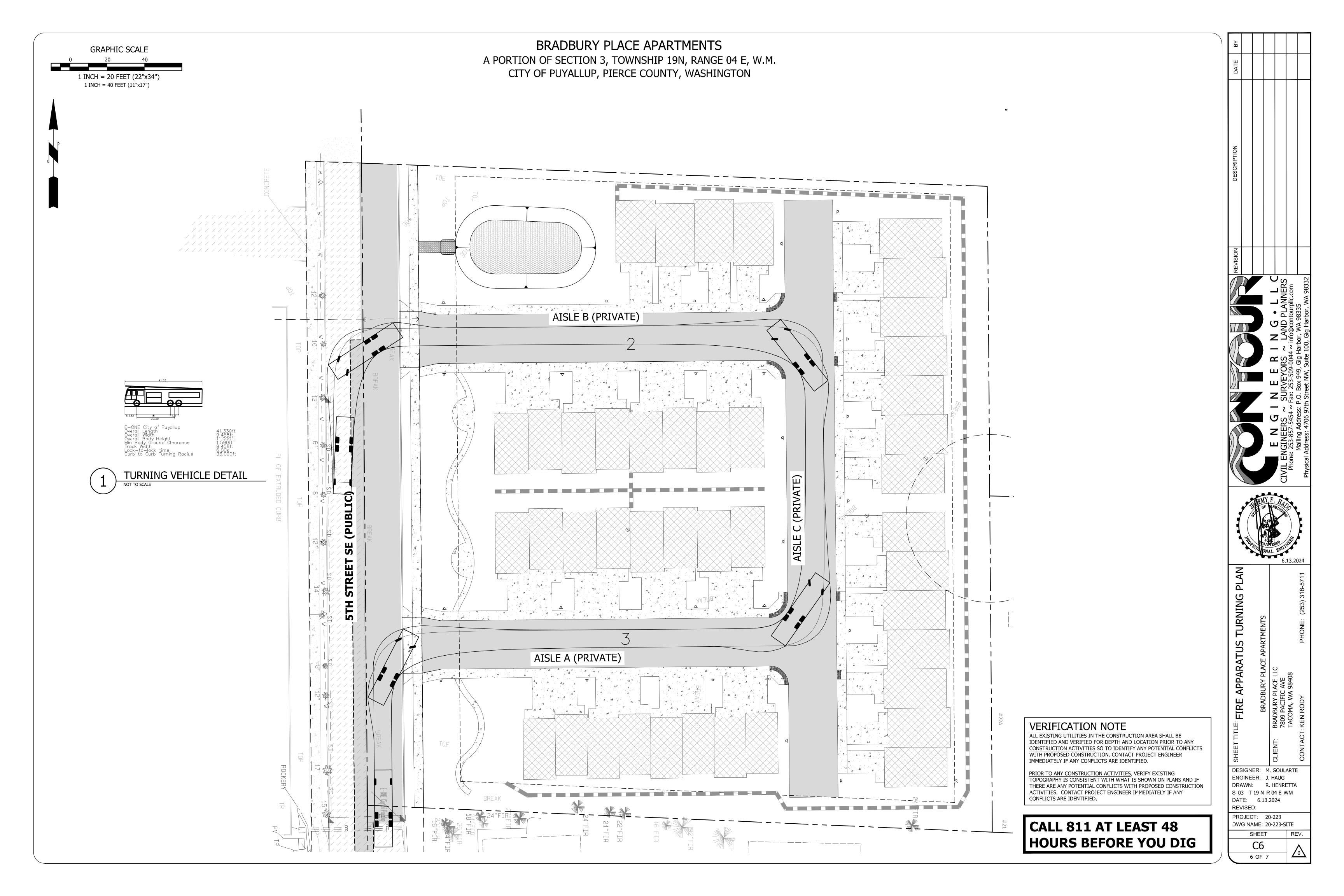
DATE: 6.13.2024 REVISED: PROJECT: 20-223

DWG NAME: 20-223-SITE SHEET REV.

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# **GRAPHIC SCALE** 1 INCH = 60 FEET (24"x36")1 INCH = 120 FEET (12"x18")

BRADBURY PLACE APARTMENTS LEGEND A PORTION OF SECTION 3, TOWNSHIP 19N, RANGE 04 E, W.M. SYMBOL/HATCH CRITICAL AREA DISTANCE FROM PROJECT CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON AQUIFER RECHARGE WITHIN PROJECT SITE WITHIN PROJECT SITE WELL-HEAD PROTECTION WITHIN PROJECT SITE MODERATE LANDSLIDE HAZARD WITHIN 200 FEET OF SITE HIGH LANDSLIDE HAZARD NOTE: CRITICAL AREAS SHOWN ON THIS EXHIBIT ARE BASED ON ONLINE PUYALLUP GIS



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BY			
DATE			$\dagger \dagger$
DESCRIPTION			
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		CIVIL ENGINEERS ~ SURVEYORS ~ LAND PLANNERS Phone: 253-857-5454 ~ Fax: 253-509-0044 ~ info@contourpllc.com	Mailing Address: P.O. Box 949, Gig Harbor, WA 98335 Physical Address: 4706 97th Street NW, Suite 100, Gig Harbor, WA 98332
			Mailing Add Physical Address: 470
	OF ALL OF	HAUG MINGON 6.13.	
AS	MENTS		HONE: (253) 318-5711

DESIGNER: M. GOULARTE ENGINEER: J. HAUG DRAWN: R. HENRETTA S 03 T 19 N R 04 E WM DATE: 6.13.2024

REVISED: PROJECT: 20-223 DWG NAME: 20-223-SITE

SHEET

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