

**ABBREVIATIONS**

BLDC	BUILDING
BOP	BOTTOM OF PIPE
BTE	BEAM TUBE ENCLOSURE
CL	CENTERLINE
CO	CONDUIT ONLY
Δ	DELTA = ANGLE
E	EAST
ELEV	ELEVATION
EV	ELECTRICAL VAULT (PROVIDED BY OTHERS)
EXIST	EXISTING
GND	GROUND
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INV	INVERT
L	LENGTH
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NO	NUMBER
OD	OUTSIDE DIAMETER
PUD	BENTON COUNTY PUBLIC UTILITY DISTRICT NO 1
R	RADIUS
REF	REFERENCE
RG	ROUGH GRADE
R/W	RIGHT-OF-WAY
S	SOUTH
SIM	SIMILAR
STA	STATION
T	TANGENT, TELEPHONE
TOC	TOP OF CONCRETE
TOV	TOP OF VAULT
TYP	TYPICAL
VERT	VERTICAL
W	WEST
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
XFRM	TRANSFORMER

**LEGEND**

	530	NEW CONTOUR - MAJOR
	(525)	NEW CONTOUR - INTERMEDIATE
		EXISTING CONTOUR - MAJOR
		EXISTING CONTOUR - INTERMEDIATE
		TOP/TOE OF SLOPE
		FLOWLINE
		CONCRETE
		ROUGH GRADE ELEVATION
		INVERT ELEVATION
		ELECTRICAL BURIED CABLE (PROVIDED BY OTHERS)
		ELECTRICAL DUCT BANK
		BURIED TELEPHONE CABLE (PROVIDED BY OTHERS)
		SECTION OR DETAIL
		SECTION OR DETAIL TITLE
		REVISION CLOUD

**GENERAL NOTES**

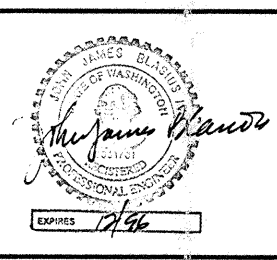
1. THE TOPOGRAPHY WITHIN THE PROPERTY LINES, WAS GENERATED BY COMPUTER METHODS FROM A SURVEY PERFORMED BY J-U-B ENGINEERS, INC., KENNEWICK, WASHINGTON, DATED SEPTEMBER 23, 1993.
2. HORIZONTAL AND VERTICAL DATUMS ARE ALSO FROM THE J-U-B ENGINEERS, INC. SURVEY, AND ARE AS FOLLOWS:  
 HORIZONTAL DATUM: THE COORDINATE GRID SYSTEM ORIGINATES AT THE VERTEX POINT (N 410990.1636, E 1915712.5766) AND IS CONSIDERED COINCIDENT WITH STATE PLANE COORDINATES AT THAT POINT AND ALSO INDICATED AS STATION 0+00.00 FOR EITHER BEAM TUBE ARM. REFERENCE STATE PLANE IS WASHINGTON STATE PLANE LAMBERT SOUTH ZONE NAD 83/91  
 VERTICAL DATUM: NAVD 88 BENCH MARK "McKINLEY"  
 (AVG LAT. 46°27'25.68") GRID FACTOR 0.999917130  
 (AVG ELEV. 532.80') SEA LEVEL FACTOR 0.999974515  
 COMBINED PROJECT SCALE FACTOR = 0.999891645  
 STATE PLANE 999.891645' = 1000.000' MEASURED GROUND.
3. STRAIGHT GRADE BETWEEN SPOT ELEVATIONS, UNLESS OTHERWISE SHOWN ON PLANS.
4. NOTES RELATING TO A SPECIFIC DRAWING WILL BE FOUND ON THE DRAWING FOR WHICH THEY ARE APPLICABLE.
5. DIMENSIONS, ELEVATIONS AND LOCATION OF EXISTING UTILITIES ARE TO BE VERIFIED PRIOR TO START OF CONSTRUCTION BY CONTRACTOR.
6. AN EXISTING 8" WATERLINE IS LOCATED ALONG THE WEST SIDE OF THE SOUTHWEST ARM, WHICH BEGINS AT A WELL PUMP POINT NEAR THE SOUTHWEST END STATION AND TERMINATES AT A POND LOCATED ADJACENT TO THE CORNER STATION PAD ON THE SOUTHWEST SIDE. EXACT LOCATION AND ALIGNMENT SHALL BE VERIFIED IN THE FIELD.
7. BURIED ELECTRICAL CABLE, ELECTRICAL VAULTS, SWITCHGEAR AND TRANSFORMERS ARE SHOWN FOR INFORMATION ONLY. THESE ITEMS ARE PROVIDED BY OTHERS.
8. ACCESS ROAD FROM ROUTE 10 TO CORNER STATION PAD SHALL RECEIVE A MULTIPLE BITUMINOUS TREATMENT. THE ROAD IS 1961.07 FEET LONG AND 24 FEET WIDE.

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	2-29-96	WRB				CHANGE ORDER NO. 2

ISSUED FOR CONSTRUCTION		
DRAWN	WRB	1-19-96
CHECKED	MP	1-19-96
ENGINEER	JB	1-19-96
PROJ	MDW	1-19-96



**PARSONS**  
 100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA

**LIGO**  
 CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 BTE SITENWORK & FABRICATION - HANFORD, WA

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
CIVIL GENERAL NOTES, LEGEND & ABBREVIATIONS	NONE	PP150969	8094
SHEET NUMBER	BT-C-002		REVISIONS