

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	MAX	MAXIMUM
AGGR	AGGREGATE	MIN	MINIMUM
APPROX	APPROXIMATELY		
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	N	NORTH
AVG	AVERAGE	NO	NUMBER
		NTS	NOT TO SCALE
BC	BEGIN CURVE	OC	ON CENTER
BDY	BOUNDARY		OUTSIDE DIAMETER
BULDG	BUILDING		
BM	BENCH MARK		
BOP	BOTTOM OF PIPE	PCT, %	PERCENT
BORG	BEARING	PI	POINT OF INTERSECTION
BTE	BEAM TUBE ENCLOSURE	POC	POINT OF CONNECTION
		PT	POINT OF TANGENCY
		PUD	BENTON COUNTY PUBLIC UTILITY DISTRICT NO 1
		PVC	POLYVINYL CHLORIDE
		PVMT	PAVEMENT
C	COMMUNICATION	R	RADIUS
C TO C	CENTER TO CENTER	RD	RIDGE
CF	CURB FACE	RAD	RADIAL
C/J	CONSTRUCTION JOINT	RCP	REINFORCED-CONCRETE PIPE
CL	CENTERLINE	RD	ROAD
CLR	CLEAR	REF	REFERENCE
CMR	CORRUGATED METAL PIPE	REIN	REINFORCEMENT
CO	CLEANOUT	REQD	REQUIRED
	CONDUIT ONLY	REV	REVISION
	CONSTRUCTION JOINT	RG	ROUGH GRADE
COL	COLUMN	R/W	RIGHT-OF-WAY
CONC	CONCRETE	S	SLOPE
CONSTR	CONSTRUCTION	SCH, SCHED	SCHEDULE
CONT	CONTINUATION	SS	SUBGRADE
CP	CONCRETE PIPE	SHT	SHEET
CU FT	CUBIC FEET	SM	SIMILAR
CULV	CULVERT	SQ FT, SF	SQUARE FOOT
CY	CUBIC YARD	STA	STATION
		STD	STANDARD
		STL	STEEL
		SW	SIDEWALK
		T	TANGENT
		TEL	TELEPHONE
		TE	TELEPHONE
		TG	TOP OF GRATE
		TOC	TOP OF CONCRETE
		TOP	TOP OF PIPE
		TOPO	TOPOGRAPHY
		TOV	TOP OF VAULT
		TW	TOP OF WALL
		TC	TYPICAL
		TYP	TYPICAL
		UG	UNDERGROUND
		UN	UNLESS OTHERWISE NOTED
		UGN	UNDERGROUND
		VERT	VERTICAL
		W	WEST
		W/	WITH
		WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
		WWF	WELDED WIRE FABRIC
		XFMR	TRANSFORMER
		YD	YARD
FIN	FINISH		
FIN FL	FINISH FLOOR		
FG	FINISH GRADE		
FL	FLOOR		
FS	FINISH SURFACE		
FT	FOOT, FEET		
FTG	FOOTING		
GALV	GALVANIZED		
GA	GAGE		
GB	GRADE BREAK		
GND	GROUND		
GR	GRADE		
HORIZ	HORIZONTAL		
HP	HIGH POINT		
ID	INSIDE DIAMETER		
IN	INCH		
INCL	INCLUDE		
INTSCT	INTERSECTION		
INV	INVERT		
JB	JUNCTION BOX		
JT	JOINT		
L	LENGTH		

LEGEND

EXISTING	NEW	DESCRIPTION
		CENTERLINE, & BUILDING OR STRUCTURE
		FENCE LINE
		ROAD
		ASPHALT CONCRETE PAVING
		MULTIPLE BITUMINOUS SURFACE
		CONCRETE
		DIRECTION OF SHEET FLOW
		FLOWLINE
		ELECTRICAL BURIED CABLE (PROVIDED BY OTHERS)
		ELECTRICAL DUCT BANK
		BURIED TELEPHONE CABLE (PROVIDED BY OTHERS)
		INDEX CONTOUR LINE
		INTERMEDIATE CONTOUR LINE
		CUT/FILL SLOPE
		FINISH GRADE ELEVATION
		FINISH SURFACE ELEVATION
		FLOW LINE ELEVATION
		TOP OF CURB
		TOP OF WALL
		INVERT ELEVATION
		ROUGH GRADE ELEVATION
		SECTION LETTER
		DETAIL INDICATION
		SECTION OR DETAIL
		SECTION OR DETAIL TITLE
		PROFILE NUMBER
		PROFILE
		REVISION CLOUD
		REVISION TRIANGLE & NUMBER ON FACE OF DRAWING

GENERAL NOTES

- 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.
- 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 IN 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.
- STRAIGHT GRADE BETWEEN SPOT ELEVATIONS, UNLESS OTHERWISE SHOWN ON PLANS.
- NOTES RELATING TO A SPECIFIC DRAWING WILL BE FOUND ON THE DRAWING FOR WHICH THEY ARE APPLICABLE.
- DIMENSIONS, ELEVATIONS AND LOCATION OF EXISTING UTILITIES ARE TO BE VERIFIED PRIOR TO START OF CONSTRUCTION BY CONTRACTOR.
- AN EXISTING 6" 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.
- BURIED ELECTRICAL CABLE, ELECTRICAL VAULTS, SWITCHGEAR AND TRANSFORMERS ARE SHOWN FOR INFORMATION ONLY. THESE ITEMS ARE PROVIDED BY OTHERS.
- ACCESS ROAD FROM ROUTE 10 TO CORNER STATION PAD SHALL RECEIVE A MULTIPLE BITUMINOUS TREATMENT. THE ROAD IS 1967.07 FEET LONG AND 24 FEET WIDE.
- FINISHED SURFACES SHALL BE SLOPED UNIFORMLY FROM HIGH POINTS, RIDGE LINES, AND AROUND FOUNDATIONS TO FLOW LINES AND AREA DRAINS UNLESS INDICATED OTHERWISE.

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ISSUED FOR CONSTRUCTION	DRAWN	WRB	1-19-96
CHECKED	MP	1-19-96	
ENGINEER	JB	1-19-96	
PROJ	MDW	1-19-96	
AS-BUILT DRAWINGS			
NO.	DATE	BY	CHKD ENGR PROJ
3	1-22-99	MET	-- -- MDW ISSUED FOR AS BUILT
2	4-19-96	WRB	TDM JB MDW CHANGE ORDER NO. 4
1	2-29-96	WRB	TDM JB MDW 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

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

TITLE	CIVIL GENERAL NOTES, LEGEND & ABBREVIATIONS	NO.	NONE	PROJECT NUMBER	PP150969	8094
SHEET NUMBER	BT-C-002	REVISION				