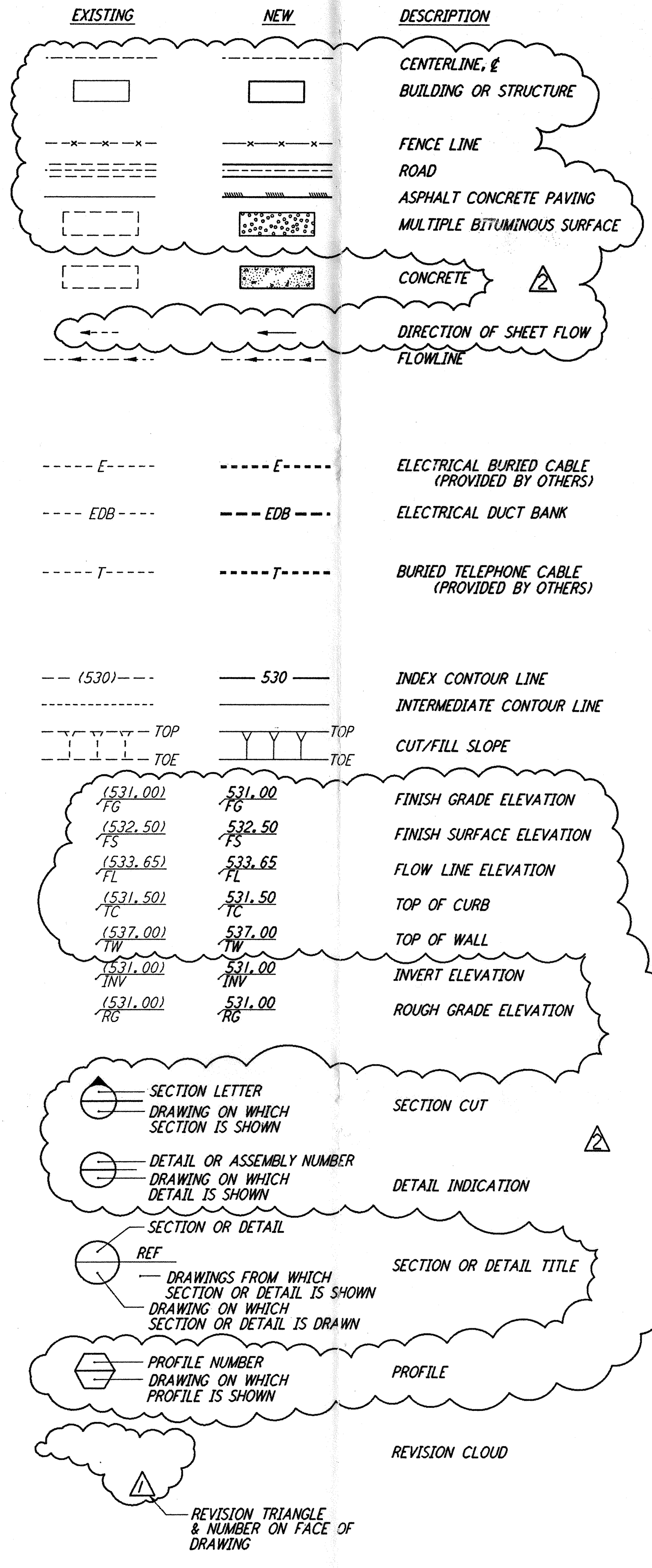


ABBREVIATIONS

LEGEND

GENERAL NOTES

AC	ASPHALTIC CONCRETE	MAX	MAXIMUM
AGOR	AGGREGATE	MIN	MINIMUM
APPROX	APPROXIMATELY	N	NORTH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NO	NUMBER
AVG	AVERAGE	NTS	NOT TO SCALE
BC	BEGIN CURVE	OC	ON CENTER
BDY	BOUNDARY	OD	OUTSIDE DIAMETER
BLDG	BUILDING	PCT, %	PERCENT
BM	BENCH MARK	PI	POINT OF INTERSECTION
BOP	BOTTOM OF PIPE	POC	POINT OF CONNECTION
BRG	BEARING	PT	POINT OF TANGENCY
BTE	BEAM TUBE ENCLOSURE	PUD	BENTON COUNTY PUBLIC UTILITY DISTRICT NO. 1
		PVC	POLYVINYL CHLORIDE
		PVMT	PAVEMENT
C	COMMUNICATION	R	RADIUS, RIDGE
C TO C	CENTER TO CENTER	RAD	RADIAL
CF	CURB FACE	RCP	REINFORCED-CONCRETE PIPE
CJ	CONSTRUCTION JOINT	RD	ROAD
CL, E	CENTERLINE	REF	REFERENCE
CLR	CORRUGATED METAL PIPE	REINF	REINFORCEMENT
CMP	CLEANOUT	REQD	REQUIRED
CO	CONDUIT ONLY	REV	REVISION
	CONTRACTION JOINT	RG	ROUGH GRADE
	COLUMN	R/W	RIGHT-OF-WAY
COL	CONCRETE	S	SLOPE, SOUTH
CONC	CONSTRUCTION	SCH, SCHED	SCHEDULE
CONSTR	CONTINUATION	SG	SUBGRADE
CONT	CONCRETE PIPE	SHT	SHEET
CP	CUBIC FEET	SIM	SIMILAR
CU FT	CULVERT	SO FT, SF	SQUARE FOOT
CULV	CUBIC YARD	STA	STATION
CY		STD	STANDARD
		STL	STEEL
		SW	SIDEWALK
Δ	DELTA = ANGLE	T	TANGENT, TELEPHONE
D	DUCT	TEL	TELEPHONE
DEG	DEGREE	TG	TOP OF GRATE
DET	DETAIL	TOC	TOP OF CONCRETE
DI	DUCTILE IRON	TOP	TOP OF PIPE
DIA, Ø	DIAMETER	TOPO	TOPOGRAPHY
DL	DRAIN LINE	TOV	TOP OF VAULT
DWG	DRAWING	TW	TOP OF WALL
		TYP	TYPICAL
E	EAST, ELECTRICAL	UG	UNDERGROUND
EA	EACH	UN	UNLESS OTHERWISE NOTED
EC	END CURVE	VERT	VERTICAL
EDB	ELECTRICAL DUCT BANK	W	WEST
EJ	EXPANSION JOINT	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EL, ELEV	ELEVATION (HEIGHT)	WWF	WELDED WIRE FABRIC
ELEC	ELECTRICAL	XFMR	TRANSFORMER
ELL	ELBOW	YD	YARD
EMH	ELECTRICAL MANHOLE		
EPB	ELECTRICAL PULLBOX		
EY	ELECTRICAL VAULT (PROVIDED BY OTHERS)		
EVC	END VERTICAL CURVE		
EW	EACH WAY		
EXIST, EX	EXISTING		
FIN	FINISH		
FIN FL	FINISH FLOOR		
FG	FINISH GRADE		
FL	FLOOR, FLOW LINE		
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		



- 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 (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.
- 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 1961.07 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					
NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	4-19-96	WRB	TDM	MDW		CHANGE ORDER NO. 4
1	2-29-96	WRB	TDM	JB	MDW	CHANGE ORDER NO. 2

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

PARSONS

100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

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