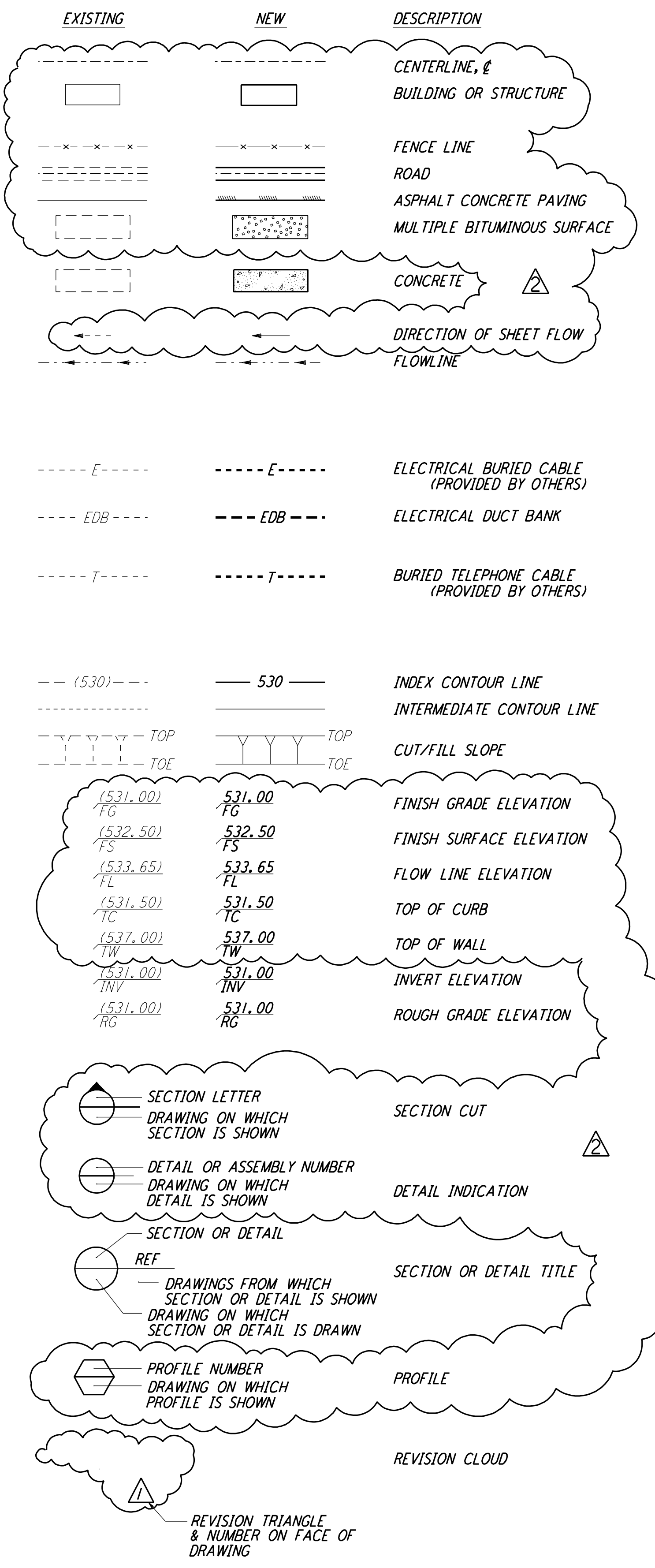


ABBREVIATIONS

AC	ASPHALTIC CONCRETE	MAX	MAXIMUM
AGGR	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
C	COMMUNICATION	PVC	POLYVINYL CHLORIDE
C TO C	CENTER TO CENTER	PVMT	PAVEMENT
CF	CURB FACE	R	RADIUS, RIDGE
CJ	CONSTRUCTION JOINT	RAD	RADIAL
CL	CENTERLINE	RCP	REINFORCED-CONCRETE PIPE
CL#	CLEAR	RD	ROAD
CMP	CORRUGATED METAL PIPE	REF	REFERENCE
CO	CLEANOUT, CONDUIT ONLY, CONTRACTION JOINT	REINF	REINFORCEMENT
COL	COLUMN	REQD	REQUIRED
CONC	CONCRETE	REV	REVISION
CONSTR	CONSTRUCTION	RG	ROUGH GRADE
CONT	CONTINUATION	R/W	RIGHT-OF-WAY
CP	CONCRETE PIPE	S	SLOPE, SOUTH
CU FT	CUBIC FEET	SCH, SCHED	SCHEDULE
CULV	CULVERT	SG	SUBGRADE
CY	CUBIC YARD	SHT	SHEET
Δ	DELTA = ANGLE	SIM	SIMILAR
D	DUCT	SO FT, SF	SQUARE FOOT
DEG	DEGREE	STA	STATION
DET	DETAIL	STD	STANDARD
DI	DUCTILE IRON	STL	STEEL
DIA, Ø	DIAMETER	SW	SIDEWALK
DL	DRAIN LINE	T	TANGENT
DWG	DRAWING	TEL	TELEPHONE
E	EAST, ELECTRICAL	TG	TOP OF GRATE
EA	EACH	TOC	TOP OF CONCRETE
EC	END CURVE	TOP	TOP OF PIPE
EDB	ELECTRICAL DUCT BANK	TOPO	TOPOGRAPHY
EJ	EXPANSION JOINT	TOV	TOP OF VAULT
EL, ELEV	ELEVATION (HEIGHT)	TW	TOP OF WALL
ELEC	ELECTRICAL	TYP	TYPICAL
ELL	ELBOW	UG	UNDERGROUND
EMH	ELECTRICAL MANHOLE	UON	UNLESS OTHERWISE NOTED
EPB	ELECTRICAL PULLBOX	VERT	VERTICAL
EV	ELECTRICAL VAULT (PROVIDED BY OTHERS)	W	WEST
EVC	END VERTICAL CURVE	W/	WITH
EW	EACH WAY	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EXIST, EX	EXISTING	WNF	WELDED WIRE FABRIC
FIN	FINISH	XFMR	TRANSFORMER
FIN FL	FINISH FLOOR	YD	YARD
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		

LEGEND



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 (N 410990.1636, E 1915712.5765) 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				
REVISIONS	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
	2	4-19-96	WRB				CHANGE ORDER NO. 4
	1	2-29-96	WRB	TDM	JB	MDW	CHANGE ORDER NO. 2

SCALE	CUSTOMER NUMBER	PROJECT NUMBER
NONE	PP150969	8094
SHEET NUMBER	BT-C-002	

100 WEST WALNUT STREET
 PASADENA, CALIFORNIA



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

CIVIL
 GENERAL NOTES, LEGEND
 & ABBREVIATIONS

BT-C-002

LIGO-D960708-02-O