5		4			2	DATE: 04/10:36 IIME: UZ:15:38  DESIGN FILE: I:\liga\site\ce\wac002.d	
ABBREVIATIONS <u>LEC</u>			END GENERAL NOTES				
AC ASPHALTIC CONCR AGGR AGGREGATE APPROX APPROXIMATELY ASTM AMERICAN SOCIET AND MATERIAL AVG AVERAGE	MH MIN Y FOR TESTING MON	MAXIMUM MANHOLE MINITUM MONUMENT	EXISTING NEW	<u>DESCRIPTION</u> CENTERLINE, <b>(</b> BUILDING OR STRUCTURE	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 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:  NAVO 88 BENCH MARK "MCKINLEY"		
BC BEGIN CURVE BDY BOUNDARY BLDG BUILDING BM BENCH MARK	N NIC NTS OC OD	NORTH NOT IN CONTRACT NOT TO SCALE  ON CENTER		FENCE LINE ROAD ASPHALT CONCRETE PAVING			AT
BRG BEARING	BRG BEARING BVC BEGIN VERTICAL CURVE  PC POINT OF CURVE  PCT, X PERCENT  CB CATCH BASIN PI POINT OF INTERSECTION			MULTIPLE BITUMINOUS SURFACE  CONCRETE	(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.		
C TO C CENTER TO CENTER  CF - CURB FACE  CJ - CONSTRUCTION JO.  CL, & CENTERLINE  CLR - CLEAR  CMP - CORRUGATED META	R PIVC POC INT POVC PSI PT L PIPE PVC	POINT OF INTERSECTION, VERTICAL CURVE POINT OF CONNECTION POINT ON VERTICAL CURVE POUND-FORCE PER SOUARE INCH POINT OF TANGENCY POLYVINIL CHLORIDE	coco	DIRECTION OF SHEET FLOW FLOWLINE CLEANOUT DRAIN LINE	LINE  4. NOTES RELATING TO A SPECIFIC DRAWING WILL BE FOUND ON THE DRAWING FOR WHICH THEY ARE APPLICATIONS AND LOCATION OF EXISTING UTILITIES ARE TO BE VERIFIED PRIOR TO START		
CO CLEANOUT, CONDUIT ONLY, CONTRACTION JOIJ COL COLUMN COMC CONCRETE CONSTR CONSTRUCTION CONT CONTRACTION	<b>,</b>	PAVEMENT POTABLE WATER RADIUS, RIDGE		POTABLE WATER ELECTRICAL ELECTRICAL DUCT BANK	ON THE SOUTHWEST SIDE. EXAC. APPROXIMATE ALIGNMENT OF WA	6. 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.  APPROXIMATE ALIGNMENT OF WATERLINE IS SHOWN ON SHEETS WA-C-031 THRU WA-C-040. SEE DETAIL 7, SHEET WA-C-055.	
CONT CONTINUATION CP CONCRETE PIPE CPB COMMUNICATIONS I CS CARBON STEEL CU FT CUBIC FEET CULV CULVERT CWR GHILLED WATER RE	RDCR REF REINF	RADIAL REINFORCED-CONCRETE PIPE ROAD REDUCER REFERENCE REINFORCEMENT REOUIRED	SO	STORM DRAIN SANITARY SEWER TELEPHONE WATER	8. STORM DRAIN, SANITARY SEWER INVERT ELEVATIONS.	OPED UNIFORMLY FROM HIGH POINTS, RIDGE LINES, AND AROUND FOUNDATIONS TO INDICATED OTHERWISE.  AND UTILITY LINES SHALL BE SLOPED AT A UNIFORM GRADE BETWEEN  FOUNDATIONS INVESTIGATION CONDUCTED BY DAMES AND MOORE. A COPY OF THE	<b>, LOW</b>
CWS CHILLED WATER SU CY CUBIC YARD  A DELTA = ANGLE D DUCT	PPLY REV RG R/W S	REQUIRED REVISION ROUGH GRADE RIGHT-OF-WAY SLOPE, SOUTH		FIRE WATER CHILLED WATER SUPPLY CHILLED WATER RETURN COMMUNICATIONS	REPORT IS ON FILE WITH THE CLIENT.  10. ALL UNDERGROUND PIPES SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION FROM HEAVY MOVING EQUIPMENT.  11. WELL PUMP AT SOUTHWEST END STATION SHALL BE ENCLOSED WITH A 7'x9'x8'HIGH PREFABRICATED SHELTER WITH STANDARD DOOR, ANCHORED TO CONCRETE SLAB.		
DEG DEGREE DET DETAIL DI DUCTILE IRON DIA, Ø DIAMETER DL DRAIN LINE DWG DRAWING	SCH, SCHED SD SG SHT SIM SO FT, SF	SCHEDULE STORM DRAIN SUBGRADE SHEET SIMILAR SOUARE FOOT	<del>_</del> <del>_</del>	FIRE HYDRANT GATE VALVE MANHOLE			
E EAST, ELECTRICAL EA EACH EC ENO CURVE EDB ELECTRICAL DUCT EJ EXPANSION JOINT	SS STA STD STL SW	SANITARY SEWER STATION STANDARD STEEL SIDEWALK	™	STORM DRAIN CATCH BASIN CULVERT POWER POLE GUARD POST			
EL, ELEV ELEVATION (HEIGH. ELEC ELECTRICAL ELL ELBOW EMH ELECTRICAL MANKE EPB ELECTRICAL PULLBE EV ELECTRICAL VALUE	7C DLE TEL DX TG TOC	TANGENT, TELEPHONE TOP OF CURB TELEPHONE TOP OF GRATE TOP OF GRATE		PLUG OR CAP  INDEX CONTOUR LINE INTERMEDIATE CONTOUR LINE			
EVC END VERTICAL CUR EW EACH WAY EXIST, EX EXISTING  FH FIRE HYDRANT FIN FINISH		TOP OF PIPE TOPOGRAPHT TOP OF WALL TYPICAL UNDERGROUND	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	CUT/FILL SLOPE  FINISH GRADE ELEVATION			
FIN FL FINISH FLOOR FG FINISH GRADE FL FLOOR, FLOW LINE FLG FLANGE FOF FACE OF FLANGE	UG UON VC VCP VERT VOL	UNLESS OTHERWISE NOTED  VERTICAL CURVE VITRIFIED CLAY PIPE VERTICAL VOLUME	( <u>532.50)</u> <u>532.50</u> ( <u>533.65)</u> <u>533.65</u> ( <u>531.50)</u> <u>531.50</u>	FINISH SURFACE ELEVATION  FLOW LINE ELEVATION  TOP OF CUR8			
FS FINISH SURFACE FT FOOT, FEET FTG FOOTING FW FIRE WATER	W W/ W/O WSDOT	WEST. WATER WITH WITHOUT WASHINGTON STATE DEPARTMENT	(537,00) 537,00 (531,00) 531,00 (100 100 (531,00) 531,00	TOP OF WALL INVERT ELEVATION ROUGH GRADE ELEVATION	STANDARD PLANS  TO THE EXTENT REFERENCED, THE FOLLOWING WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD PLANS		ans
GALV GALYANIZED GA GAGE GB GRADE BREAK GPM GALLONS PER MINU GR GRADE GVL GRAVEL	ww.	WASHINGTON STATE DEFAULTEN  OF TRANSPORTATION  WASTE WATER  WELDED WIRE FABRIC  TRANSFORMER	SECTION LETTER DRAWING ON WHICH	SECTION CUT	FOR ROAD, BRIDGES AND MUN.  PLAN ITT B-11 PIP. B-18c PIP.	ICIPAL CONSTRUCTION SHALL BE CONSIDERED PART OF THE CONSTRUCTION DOCUMENT  LE LAST DATE  F. COMPACTION DESIGNS AND BACKFILL  F. BEDDING FOR SANITARY SEVERS IN TRENCHES ONLY  2/21/91	<i>15i</i>
HORIZ HORIZONTAL HP HIGH POINT ID INSIDE DIAMETER	no	YARO	SECTION IS SHOWN  DETAIL OR ASSEMBLY NUMBER  DRAWING ON WHICH DETAIL IS SHOWN	R DETAIL INDICATION	C-I BEA C-I BEA C-2p GU	RANT SETTING TYPE A & B  10/ 3/83  M GUARDRAIL (W BEAM), SHEET 1 OF 2  M GUARDRAIL (W BEAM), SHEET 2 OF 2  RORAIL PLACEMENT  M GUARDRAIL TERMINAL SECTION (DESIGN G)  1/21/85	
IN INCH INCL INCLUDE INISCT INTERSECTION INV INVERT  JB JUNCTION BOX			DETAIL OR ASSEMBLY NUMBES REF  — DRAWINGS FROM WHICH DETAIL IS SHOWN — DRAWING ON WHICH DETAIL IS DRAWN	R DETAIL TITLE	F-26 EXT G-40 ROA	JENT CONCRETE CURBS AND GUTTERS 3/13/92 RUDED CURB 2/21/91  ADSIDE SIGN STRUCTURES ON TIMBER POSTS 10/11/93 IN MOUNTING DETAILS, SHEET 2 OF 3 11/16/90	
JT JOINT L LENGTH LB POUND			PROFILE NUMBER  DRAWING ON WHICH PROFILE IS SHOWN	PROFILE	H-5c PAV H-6 SUR H-13 TP	EMENT MARKINGS 7/17/81 VEY MONUMENTS 7/17/81 E I BOLLARD (GUARD POST) 3/15/91 E 2 BOLLARD (GUARD POST) 3/15/91	
		· · · · · · · · · · · · · · · · · · ·	REVISION TRIANGLE & NUMBER ON FACE (A) DRAWING	REVISION CLOUD	I-10 RES J-10 ELE L-2 CHJ	T AREA BUILDING DETAILS SEPTIC TANK 11/26/79 T AREA BUILDING DETAILS DRAIN FIELD 11/26/79 CTRICAL CONDUIT PLACEMENT 3/ 7/88 LIN LINK FENCE, SHEET 1 OF 2 5/24/91	
					L-2 CH/ L-3 CH/	IN LINK FENCE, SHEET 2 OF 2 5/24/91 IN LINK GATES 1/21/85 CESS CONTROL GATE 1/21/85	
		AF .			ra.		
			ORAWN WRB CHECKED ENGINEER		LIGO	LASER INTERFEROMETER  GRAVITATIONAL-WAVE OBSERVAT	ORY
	B 4/19/96 WRB W (1)	FINAL DESIGN REVIEW & BID	ENGINEER PROJ	PARSONS 100 WEST WALNUT STREET	CALIFORNIA INSTITUTE OF TECHNOLOG	CIVIL NOTES LECEND SHEET NUMBER	69 809
DRAWING NO. DESCRIPTION	A 10/31/95 WRB TDM NO. DATE BY CHKO ENGR PROJ	PRELIMINARY DESIGN REVIEW DESCRIPTION 4		PASADENA, CALIFORNIA	MASSACHUSETTS INSTITUTE OF TECHNOL	GGY & ABBREVIATIONS WA-C-	<u> </u>