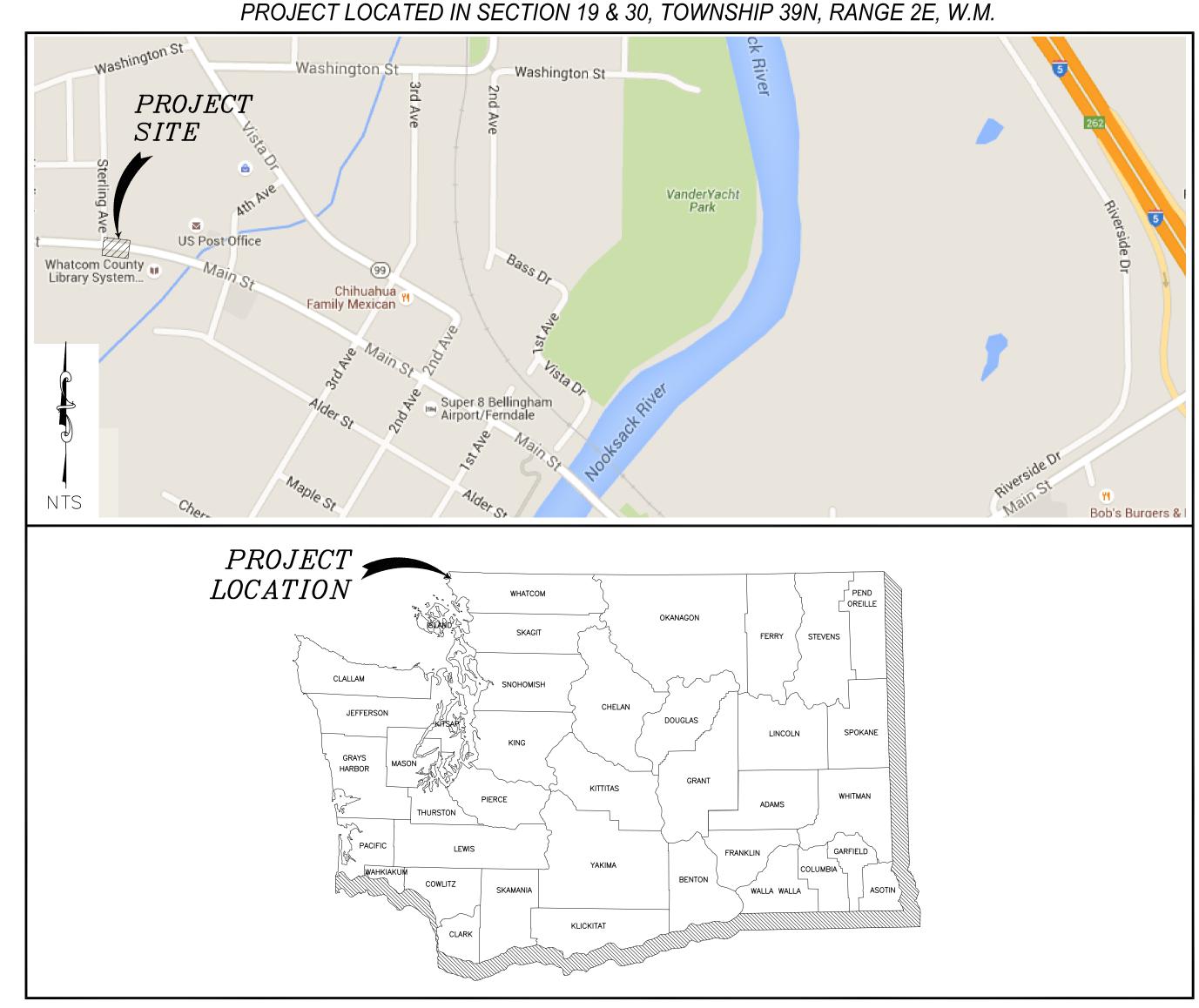
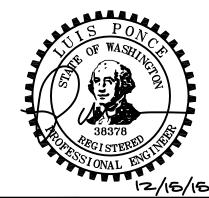
LIBRARY CROSSWALK RECTANGULAR RAPID FLASH BRACON (RRFB) IMPROVEMENTS

FERNDALE, WA CITY OF FERNDALE - PROJECT NO. ST2015-06

VICINITY MAP



SHEET SERIES INDEX					
SHEET	DESCRIPTION				
1	COVER				
2	LEGEND, ABBREVIATIONS AND NOTES				
3	EX CONDITIONS, TESC AND DEMOLITION PLAN				
4	GRADNG PLAN				
5	DETAILS				
TS1	RECTANGULAR RAPID FLASH BEACON PLAN				
TS2	RECTANGULAR RAPID FLASH BEACON DETAILS				
TS3	RECTANGULAR RAPID FLASH BEACON DETAILS				



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CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248 DESCRIPTION

MAIN STREET CROSSING COVER

15025 COVER AND LEGEND 12/15/2015

V: **N/A** 15025

ABBREVIATIONS

AC = ASBESTOS CEMENT IR = EXISTING IRRIGATION MPOC = MID-POINT ON CURVE SD = STORM DRAIN AND CASH AD = ALGEBRAIC DIFFERENCE F&C = FRAME AND COVER MTR = METER SCOB = STORM DRAIN CATCH BASIN ASPH = ASPHALT F&C = FRAME AND GRATE MTR = METER SCOB = STORM DRAIN MANDLE SDMH = STORM DRAIN MANDLE SDMH = STORM DRAIN MANDLE SDMH = STORM DRAIN MANDLE STORM DRAIN MANDLE SDMH = STORM DRAIN MANDLE SDM = STORM DRAIN MANDLE SDM = STORM DRAIN MANDLE SDMH = STORM DRAIN MANDLE SDM = STORM DRAIN	ø	= DIAMETER	EX. EXIST	= EXISTING	MON	= MONUMENT	SCH	= SCHEDULE
ASPH - ASPHALT F&G = FRAME AND COVER MTR - METER SDC S - STORM DRAIN CATCH BASIN ASPH - ASPHALT F&G = FRAME AND GRATE MW = MONITORING WELL SDM+ = STORM DRAIN CATCH BASIN AMHOLE BLDG = BUILDING FF = FRINSHED FLOOR N = NORTH ST = STORM DRAIN MANHOLE BUILDING WELL SDM+ = STORM DRAIN MANHOLE BUILDING WELL SDM+ = STORM DRAIN MANHOLE SDM+ SE = SUDTHEAST SN = EXISTING SIGN SIGN SWC = BEGIN VERTICAL CURVE ELEVATION FG = FINISHED GRADE NW = NORTHWEST SP = STANDARD PLAN CACG = CURB & GUITER FT = FEET OC = ON CENTER SSM+ = SANITARY SEWER MANHOLE CACG = CURB & GUITER FT = FEET OC = ON CENTER SSM+ = SANITARY SEWER MANHOLE CACG = CURB & GUITER STORM FRAME SSM+ = SANITARY SEWER MANHOLE STAR SSM+ = SANITARY SEWER MANHOLE S			•			.		
BUCG = BUILDING FF = FINISHED FLOOR N = NORTH SE = SOUTHEAST BYCE = BEGIN VERTICAL CURVE ELEVATION FG = FINISHED GRADE NE - NORTHHAST SN = EXSTING SIGN BYCS = BEGIN VERTICAL CURVE STATION FL = FLOW LINE NW = NORTHHEST SP = STANDARD PLAN C&G = CURB & QUITER FT = FEET PER FOOT PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION FL = FLOOR PVANT CCAG = CURB & QUITER STATION CCAG = CURB & QUITER STATION CCAG = CLASS, CENTERLINE GRAL = GRAVEL PCC = POINT OF CURVATURE STA = STANDARD CL = CLASS, CENTERLINE GRAL = GRAVEL PCC = POINT OF COMPOUND CURVATURE, SW = SOUTHMEST CMP = CORRUGATED METAL PIPE GV = GATE VALVE CMP = COMPACTED METAL PIPE GV = GATE VALVE COM = CONFORTE MASONRY UNIT HDPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL TL = TRAFFIC LOOP COMP = COMPACTED METAL PIPE HPD = HIGH DENSITY POLYETHYLENE PED = PEDESTAL CON = COMPACTED HMA = HOT MIX ASPHALT PCC = POINT ON CURVE TYP = TYPICAL CON = COMPACTED HYD = HIGH POINT POSS = POSSIBLE UP = UTILLITY POLE CONC = CONFORTE HE HYD = HIGH POINT POSS = POSSIBLE UP = UTILLITY POLE CONT = CONTOUR HPD = HIGH POINT PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IN = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = CULVERT LE LANDSCAPING PVI = POINT OF TANGENCY VLT = VAULT D/W = DIVEWBAY LESC = LENGTH PVI = LENGTH PVI = LENGTH PVI = POINT OF TANGENCY VLT = VAULT D/W = DIVEWBAY LESC = LENGTH PVI = LENGTH PVI = POINT OF TANGENCY VLT = VAULT D/W = DIVEWBAY LESC = LENGTH PVI = LENGTH PVI = POINT OF TANGENCY VLT = VAULT D/W = DIVEWBAY LESC = DECIDIOUS LEF = LINEAR FEET PVI = POINT OF TANGENCY VLT = VERTICAL POINT OF TANGENCY D/W = DUCTILE IRON LOC = LOCATION RC = RADIUS D/W = POLOTION F VALUE IRON F AVAILABLE DOINT OF TANGENCY D/W = POLOTION F VALUE IRON F AVAILABLE DOINT OF TANGE		= ALGEBRAIC DIFFERENCE	F&C	= FRAME AND COVER		= METER	SDCB	= STORM DRAIN CATCH BASIN
BVCE = BEGIN VERTICAL CURVE ELEVATION FG FINSHED GRADE NE NORTHEAST SN EXISTING SIGN BVCS = BEGIN VERTICAL CURVE STATION FL FLOW LINE NW NORTHEWEST SP STANDARD PLAN CAG CURB & QUITER FT FEET CC CO CO CONTER SMH SANTARY SEWER MANHOLE CATV CABLE TELEVISION FT/FT FEET PER FOOT PVMNT PAVEMENT STA STATION CDF CONTROLLED DENSITY FILL GALV GALVANIZED PC POINT OF CURVATURE STD STANDARD CL CL CLASS, CENTERLINE GRVL GALVANIZED PC POINT OF COMPOUND CURVATURE STD STANDARD CMP CORRUGATED METAL PIPE GV GATE VALVE PORTLAND CEMENT CONCRETE TEL TELEPHONE CMP CORRUGATED METAL PIPE GV GATE VALVE PORTLAND CEMENT CONCRETE TEL TELEPHONE COMP COMPACTED METAL PIPE GV GATE VALVE PORTLAND CEMENT CONCRETE TEL TELEPHONE COMP COMPACTED METAL PIPE HOT MIX ASPHALT POC POINT ON CURVE TYP TYPICAL CON COMPACTED METAL PIPE HYD HOT MIX ASPHALT POS POSSIBLE UP UTILITY POLE CONC CONTOUR IF, INV HYDRANT POS POSSIBLE UP UTILITY POLE CONC CONTOUR IF, INV INVERT ELEVATION PRO PROPOSED VC VERTICAL CURVE CONS CONTOUR IF, INV INVERT ELEVATION PRO PROPOSED VC VERTICAL CURVE CULV CULVERT L LENGTH PVC POINT OF TANGENCY VL VAULT CULV CULVERT LENGTH LENGTH LENGTH PVC POINT OF VERTICAL INTERSECTION VPI VERTICAL POINT OF INTERSECTION DEC DECIDIOUS LF LINEAR FEET PWR POWER DEC DECIDIOUS LF LINEAR FEET PWR POWER DEC EDECIDIOUS LF LINEAR FEET PWR POWER DEC EDECID PAVEMENT LF LEON TOWN OF TANGENCY VL VERTICAL POINT OF INTERSECTION DEC EDECID PAVEMENT LF LEFT RETAINING WSOT WASHINGTON STATE DEPARTMENT DEC EDECID PAVEMENT LF LEFT RETAINING WSOT WASHINGTON STATE DEPARTMENT DEVIL EVILLATION PROPOSED PAVEMENT PWR POWER PROPOSED PAVEMENT PWR POWER PROPOSED PAVEMENT PWR PWATER METER DEVIL PURITY PWR PWR PWR PWR PW	ASPH	= ASPHALT	F&G	= FRAME AND GRATE	MW	= MONITORING WELL	SDMH	= STORM DRAIN MANHOLE
BUCS = BEGIN VERTICAL CURVE STATION FL = FLOW LINE NW = NORTHWEST SP = STANDARD PLAN C&G = CURB & GUTTER FT = FEET OC = OC ENTER CATV = CABLE TELEVISION FT/ = FEET PER FOOT PVMINT = PAVEMENT STA = STATION CDF = CONTROLLED DENSITY FILL GALV = GALVANIZED PC = POINT OF CURVATURE STD = STANDARD PLAN CL = CLASS, CENTERLINE GRVL = GRAVEL PC = POINT OF COMPOUND CURVATURE, SW = SOUTHWEST CMP = CONCROETE METAL PIPE GV = GATE VALVE CMU = CONCROETE MESONRY UNIT HDPE = HIGH PENSITY POLYETHYLENE PED = PEDESTAL COMP = CONCROETE MESONRY UNIT HDPE = HIGH POINT POLYETHYLENE COMP = CONCRETE HYD = HYDRANT CONC = CONCRETE HYD = HYDRANT CONC = CONCRETE HYD = HYDRANT CONT = CONTROLLED STANDARD CONC = CONCRETE HYD = HYDRANT CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONC = CONCRETE HYD = HYDRANT CONT = CONCRETE HYD = HYDRANT CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POINT POSS = POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = HIGH POSSIBLE WF = POINT OF REVERSE CURVE CONT = CONTROLLED MESTAL PIPE WF = HIGH POSSIBLE WF = POINT OF REVERSE CURVE CONT = CONTROLLED MESTAL PIPE WF = POINT OF REVERSE CURVE CONT = CONTROLLED MESTAL PIPE WF = HIGH POSSIBLE CONT = CONTROLLED MESTAL PIPE WF = POINT OF REVERSE CURVE CONT = POINT OF REVERSE CURVE CONT = POINT OF REVERSE	BLDG	= BUILDING	FF	= FINISHED FLOOR	N	= NORTH	SE	= SOUTHEAST
CAGG = CURB & GUTTER FT = FEET PER FOOT PWINT = PAVEMENT STA = STATION CDT = CONTROLLED DENSITY FILL GRV = GALVANIZED PC = POINT OF CURVATURE STD = STANDARD CL = CLASS, CENTERLINE GRV = GARVEL PC = GALVANIZED PC = POINT OF CURVATURE, SW = SOUTHWEST CMP = CORRUGATED METAL PIPE GV = GARVEL POINT OF CURVATURE PORTLAND CEMENT CONCRETE TEL = TELEPHONE CMM = CONCRETE MASONRY UNIT HOPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL COMP = COMPACTED HAM = HIGH POINT POLYETHYLENE PED = POINT OF CURVATURE THE PORTLAND CEMENT CONCRETE TEL = TELEPHONE COMP = CONCRETE MASONRY UNIT HOPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL COMP = CONCRETE MASONRY UNIT HAM = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL COMP = CONCRETE MASONRY UNIT POSS = POSSIBLE UP = UTILITY POLE CONC = CONCRETE HYD = HIGH POINT POSS = POSSIBLE UP = UTILITY POLE CONC = CONCRETE HYD = HIGH POINT PRC = POINT OF REVERSE CURVE UTIL = UTILITY CONT = CONTOUR IE, INV = INVERTILELEVATION PRC = POINT OF TANGENCY UTIL = UTILITY CONT = CONTOUR IE, INV = INVERTILELEVATION PRC = POINT OF TANGENCY UTIL = UTILITY COULV = CULVERT L = LENGTH PPC = POINT OF VERTICAL INTERSECTION UP = VERTICAL POINT OF CURVATURE D/W = DRIVEWAY LDSC = LANDSCAPING PV = POINT OF VERTICAL INTERSECTION UP = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POINT OF VERTICAL INTERSECTION UP = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POWER POWER PV = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POWER POWER PV = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POWER PV = POWER PV = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POWER PV = POWER PV = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = POWER PV = POWER PV = VERTICAL POINT OF TANGENCY DI = DUCTILLE IRON LDSC = LANDSCAPING PV = LEPT PV = POWER PV = POWER PV = VERTICAL POINT OF TANGENCY DI = LEST PV = LOW PV = VERTICAL POINT OF TANGENCY DI = LEST PV = VERTICAL POWER PV = VERT	BVCE	= BEGIN VERTICAL CURVE ELEVATION	FG	= FINISHED GRADE	NE	= NORTHEAST	SN	= EXISTING SIGN
CATV = CABLE TELEVISION FT/FT = FEET PER FOOT PVMNT = PAVEMENT STA = STATION CDF = CONTROLLED DENSITY FILL GALV = GALVANIZED PC = POINT OF CURVATURE STD = STANDARD CL = CLASS, CENTERLINE GRVL = GRAVEL PC = POINT OF COMPOUND CURVATURE, CMP = CORRUGATED METAL PIPE GV = AGATE VALVE PORTLAND CEMENT CONCRETE TELEPHONE CMU = CONCRETE MASONRY UNIT HDPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL TL = TRAFFIC LOOP COMP = COMPACTED HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONC = CONCRETE MASONRY UNIT HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONC = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONC = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONT = CONCRETE HMA = HIGH POINT POC = POINT ON REVERSE CURVE TYP = TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON REVERSE CURVE TYP = TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON REVERSE CURVE TYP = TYPICAL CONT = CONCRETE HMA = HIGH POINT POLY TYPICAL POLY TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON REVERSE CURVE TYP = TYPICAL CONT = CONCRETE HMA = HIGH POINT POLY TYPICAL CONT = CONCRETE HMA = HIGH POINT POLY TYPICAL CONT = CONCRETE HMA = HOT MIX ASPHALT POC = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = TYPICAL CONT = POINT ON REVERSE CURVE TYP = POINT ON REVERSE CURVE CONT = POINT ON REVERSE CURVE TO POINT ON REVER	BVCS	= BEGIN VERTICAL CURVE STATION	FL	= FLOW LINE	NW	= NORTHWEST	SP	= STANDARD PLAN
CDF = CONTROLLED DENSITY FILL GALV = GALVANIZED PC = POINT OF CURVATURE STD = STANDARD CL = CLASS, CENTERLINE GRVL = GRAVEL PCC = POINT OF COMPOUND CURVATURE, SW = SOUTHWEST CMP = CORRUGATED METAL PIPE GV = GAT VALVE CMU = CONCRETE MASONRY UNIT HDPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL COMP = COMPACTED COMP = COMPACTED COMP = COMPACTED COMP = COMPACTED HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CONC = CONCRETE CONC = CONCRETE CONC = CONCRETE HP = HIGH POINT POSS = POSSIBLE UP = UTILITY POLE CONC = CONCRETE CONC = CONCRETE CONC = CONCRETE HP = HIGH POINT PRC = POINT OF REVERSE CURVE UTIL = UTILITY CONC = CONCRETE CONC = CONCRETE CONT = CONTOUR CONCRETE DV = INVERT ELEVATION PRC = POINT OF REVERSE CURVE UTIL = UTILITY FOR = POINT OF TANGENCY VL = VERTICAL CURVE CONCRETE CONCRETE DV = POINT OF TANGENCY VL = VERTICAL POINT OF CURVATURE PRC = POINT OF COMPOUND CURVATURE TYP = TYPICAL UP = UTILITY POLE UTIL = UTILITY FOR = POINT OF REVERSE CURVE UTIL = UTILITY FOR = POINT OF TANGENCY VL = VERTICAL CURVE CONCRETE MASONRY UNIT FOR = POINT OF TANGENCY VL = VERTICAL POINT OF CURVATURE PV = POINT OF TANGENCY VL = VERTICAL POINT OF TANGENCY PV = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF TANGENCY PVI = POINT OF VERTICAL INTERSECTION PVI = POWER FOR = POINT OF CURVATURE FOR = POWER FOR = POINT OF CURVATURE F	C&G	= CURB & GUTTER	FT	= FEET	OC	= ON CENTER	SSMH	= SANITARY SEWER MANHOLE
CL = CLASS, CENTERLINE GRVL = GRAVEL PCC = POINT OF COMPOUND CURVATURE, SW = SOUTHWEST CMP = CORRUGATED METAL PIPE GV = GATE VALVE PORTLAND CEMENT CONCRETE TEL = TELEPHONE CMU = CONCRETE MASONRY UNIT HDP = HIGH DENSITY POLYETHYLENE PED = PEDESTAL TL = TRAFFIC LOOP COMP = COMPACTED HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CON = CONFER HP = HIGH POINT POC = POINT ON CURVE TYP = UTILITY POLE CONC = CONCRETE HYD = HYD = HYDRANT PRO = POSSIBLE UP = UTILITY POLE CONC = CONTOUR IF, INV = INVERT ELEVATION PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IV = INJECTION WELL PT = POINT OF TANGENCY CULV = CULVERT ILD = LINEAR FEET PWR = POWER DF = DECIDIOUS IF = LINEAR FEET PWR = POWER DF = DECIDIOUS VF = LINEAR FEET PWR = POWER E E ASST ILP = LOW POINT RECTORM SAME WHITE PROPER PROPOSED WW = WEST EOP, EP = EDGE OF PAVEMENT ILT = LEFT RET RET RET RET RET RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT WASHINGTON STATE DEPARTMENT EOU, = EQUIVALENT WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT WASHINGTON STATE DEPARTMENT EOU, = POINT ON CURVE END POINT ON CURVE END POINT ON CURVE END POINT ON CURVE E POINT	CATV	= CABLE TELEVISION	FT/FT	= FEET PER FOOT	PVMNT	= PAVEMENT	STA	= STATION
CMP = CORRUGATED METAL PIPE GV = GATE VALVE PORTLAND CEMENT CONCRETE TEL = TELEPHONE CMU = CONCRETE MASONRY UNIT HDPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL TL = TRAFFIC LOOP COMP = COMPACTED HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CON = CONTER HMA = HIGH POINT POSS = POSSIBLE UP = UTILITY POLE CON = CONCRETE HYD = HIGH POINT POSS = POSSIBLE UP = UTILITY POLE CONT = CONTOUR IE, INV = INVERT ELEVATION PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IW = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = CULVERT L = LENGTH POLYETHYLENE STORM SEWER PIPE IW = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = DRIVEWAY LDSC = LANDSCAPING PY = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF TANGENCY DE DE DECIDIOUS LF = LINEAR FEET PWR = POWER VPT = VERTICAL POINT OF TANGENCY DE DE DUCTILE IRON LOC = LOCATION R&C = RADIUS WW = WEST EOP, EP = EAST LOW POINT R&C = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	CDF	= CONTROLLED DENSITY FILL	GALV	= GALVANIZED	PC	= POINT OF CURVATURE	STD	= STANDARD
CMU = CONCRETE MASONRY UNIT HDPE = HIGH DENSITY POLYETHYLENE PED = PEDESTAL IL = TRAFFIC LOOP COMP = COMPACTED HMA = HOT MIX ASPHALT POC = POINT ON CURVE TYP = TYPICAL CON = CONIFER HP = HIGH POINT POSS = POSSIBLE UP = UTILITY POLE CONC = CONCRETE HYD = HYDRANT PRC = POINT OF REVERSE CURVE UTIL = UTILITY CONT = CONTOUR IE, INV = INVERT ELEVATION PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IW = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = CULVERT L = LENGTH PVC = POLYVINYL CHLORIDE VPC = VERTICAL POINT OF INTERSECTION D/W = DRIVEWAY LDSC = LANDSCAPING PVI = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF TANGENCY DI = DUCTILE IRON LOC = LOCATION R = RADIUS WSDT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	CL	= CLASS, CENTERLINE	GRVL	= GRAVEL	PCC	= POINT OF COMPOUND CURVATURE,	SW	= SOUTHWEST
COMP = COMPACTED	CMP	= CORRUGATED METAL PIPE	GV	= GATE VALVE		PORTLAND CEMENT CONCRETE	TEL	= TELEPHONE
CON = CONFER	CMU	= CONCRETE MASONRY UNIT	HDPE	= HIGH DENSITY POLYETHYLENE	PED	= PEDESTAL	π∟	= TRAFFIC LOOP
CONC = CONCRETE HYD = HYDRANT PRC = POINT OF REVERSE CURVE UTIL = UTILITY CONT = CONTOUR IE, INV = INVERT ELEVATION PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IW = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = CULVERT L = LENGTH PVC = POLYVINYL CHLORIDE VPC = VERTICAL POINT OF CURVATURE D/W = DRIVEWAY LDSC = LANDSCAPING PVI = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF INTERSECTION DEC = DECIDUOUS LF = LINEAR FEET PWR = POWER VPT = VERTICAL POINT OF TANGENCY DI = DUCTILE IRON LOC = LOCATION R = RADIUS W = WEST E = EAST LP = LOW POINT R&C = RING AND COVER WM = WATER METER EOP, EP = EDGE OF PAVEMENT LT = LEFT RET RET = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	COMP	= COMPACTED	НМА	= HOT MIX ASPHALT	POC	= POINT ON CURVE	TYP	= TYPICAL
CONT = CONTOUR E, INV = INVERT ELEVATION PROP = PROPOSED VC = VERTICAL CURVE CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE IW = INJECTION WELL PT = POINT OF TANGENCY VLT = VAULT CULV = CULVERT L = LENGTH PVC = POLYVINYL CHLORIDE VPC = VERTICAL POINT OF CURVATURE D/W = DRIVEWAY LDSC = LANDSCAPING PVI = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF INTERSECTION DEC = DECIDUOUS LF = LINEAR FEET PWR = POWER VPT = VERTICAL POINT OF TANGENCY DI = DUCTILE IRON LOC = LOCATION R = RADIUS W = WEST E = EAST LP = LOW POINT R&C = RING AND COVER WM = WATER METER EOP, EP = EDGE OF PAVEMENT LT = LEFT RET = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	CON	= CONIFER	HP	= HIGH POINT	POSS	= POSSIBLE	UP	= UTILITY POLE
CPSSP = CORRUGATED POLYETHYLENE STORM SEWER PIPE	CONC	= CONCRETE	HYD	= HYDRANT	PRC	= POINT OF REVERSE CURVE	UTIL	= UTILITY
CULV = CULVERT D/W = DRIVEWAY LDSC = LANDSCAPING PVI = POINT OF VERTICAL INTERSECTION DEC = DECIDUOUS LF = LINEAR FEET PWR = POWER DI = DUCTILE IRON LOC = LOCATION R = RADIUS W = WEST E = EAST LP = LOW POINT R&C = RING AND COVER WM = WATER METER EOP, EP = EDGE OF PAVEMENT EQUIV = EQUIVALENT MAX = MAXIMUM PVC = POLYVINYL CHLORIDE PVC = VERTICAL POINT OF CURVATURE PVC = VERTICAL POINT OF CURVATURE PVC = VERTICAL POINT OF CURVATURE PVR = POWER PVI = POINT OF VERTICAL INTERSECTION PVI = VERTICAL POINT OF INTERSECTION R = RADIUS W = WEST WM = WATER METER EVENTICAL POINT OF INTERSECTION R = RADIUS WM = WATER METER EVENTICAL POINT OF INTERSECTION R = RADIUS W = WEST EVENTICAL POINT OF CURVATURE PVC = POLYVINYL CHLORIDE VPC = VERTICAL POINT OF CURVATURE VPI = VERTICAL POINT OF INTERSECTION VPI = VERTICAL POINTERSECTION VPI = VERTICAL POINT OF INTERSECTION VPI = VERTICAL	CONT	= CONTOUR	IE, INV	= INVERT ELEVATION	PROP	= PROPOSED	VC	= VERTICAL CURVE
D/W = DRIVEWAY LDSC = LANDSCAPING PVI = POINT OF VERTICAL INTERSECTION VPI = VERTICAL POINT OF INTERSECTION DEC = DECIDUOUS LF = LINEAR FEET PWR = POWER VPT = VERTICAL POINT OF TANGENCY DI = DUCTILE IRON LOC = LOCATION R = RADIUS W = WEST	CPSSP	= CORRUGATED POLYETHYLENE STORM SEWER PIPE	. IW	= INJECTION WELL	PT	= POINT OF TANGENCY	VLT	= VAULT
DEC = DECIDUOUS LF = LINEAR FEET PWR = POWER VPT = VERTICAL POINT OF TANGENCY DI = DUCTILE IRON LOC = LOCATION R = RADIUS W = WEST EOP, EP = EDGE OF PAVEMENT LT = LEFT RET = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	CULV	= CULVERT	L	= LENGTH	PVC	= POLYVINYL CHLORIDE	VPC	= VERTICAL POINT OF CURVATURE
DI = DUCTILE IRON	D/W	= DRIVEWAY	LDSC	= LANDSCAPING	PVI	= POINT OF VERTICAL INTERSECTION	VPI	= VERTICAL POINT OF INTERSECTION
E = EAST LP = LOW POINT R&C = RING AND COVER WM = WATER METER EOP, EP = EDGE OF PAVEMENT LT = LEFT RET = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	DEC	= DECIDUOUS	LF	= LINEAR FEET	PWR	= POWER	VPT	= VERTICAL POINT OF TANGENCY
EOP, EP = EDGE OF PAVEMENT LT = LEFT RET = RETAINING WSDOT = WASHINGTON STATE DEPARTMENT EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	DI	= DUCTILE IRON	LOC	= LOCATION	R	= RADIUS	W	= WEST
EQUIV = EQUIVALENT MAX = MAXIMUM ROW = RIGHT OF WAY XEOA = EXISTING EDGE OF ASPHALT	Ε	= EAST	LP	= LOW POINT	R&C	= RING AND COVER	WM	= WATER METER
	EOP, EP	= EDGE OF PAVEMENT	LT	= LEFT	RET	= RETAINING	WSDOT	= WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EVCE = END VERTICAL CURVE ELEVATION MIN = MINIMUM RT = RIGHT	EQUIV	= EQUIVALENT	MAX	= MAXIMUM	ROW	= RIGHT OF WAY	XEOA	= EXISTING EDGE OF ASPHALT
	EVCE	= END VERTICAL CURVE ELEVATION	MIN	= MINIMUM	RT	= RIGHT		

S = SOUTH

NOTES

EVLS = END VERTICAL CURVE STATION

1. FIELD WORK PERFORMED BY _____, ___, WA. TOPOGRAPHIC SURVEY PERFORMED IN _____, 20___.

2. HORIZONTAL DATUM: WASHINGTON STATE PLANE (NORTH) COORDINATES - NAD 83-2011, VERTICAL DATUM: NAVD 88

MOD = MODIFIED

EXISTING			<u>LEGEND</u>	PROPOSED
TB	— ТВ —	= EXISTING	TOP OF BANK	— — — тв — — — тв
BB	— вв —	= EXISTING	BOTTOM OF BANK	— — — BB — — — BB
		= EXISTING	DITCH &	
		= EXISTING	GRADE BREAK	
- — 95 — -				95
_				95
				xxx_
		= EXISTING		
		= EXISTING	WALL	
	7//	= EXISTING	BUILDING	777777777777
			PROPERTY BOUNDARY	
			RIGHT OF WAY	
		= EXISTING = EXISTING	RIGHT OF WAY Q	
		= EXISTING		
			WETLANDS BOUNDARY	
		= EXISTING	TRAFFIC STRIPING	
		= EXISTING	EDGE OF PAVEMENT	-
		= EXISTING		·
		= EXISTING = EXISTING	TOP BACK OF CURB	
UGP	-UGP			PR
OHP				~~~~~~~~
— — —UGC— — —	-UGC	= EXISTING	COMMUNICATIONS BURIED	
OHC	-онс-	= EXISTING	OVERHEAD COMMUNICATIONS	TS
FO				FO
TV				
T T C C				
GG				
w				w
- — — — IRR— — — -	-IRR	= EXISTING	IRRIGATION LINE	FM
			SANITARY SEWER FORCE MAIN	ss
ss				
- — — SD— — — - — — — OHW— — — -			ORDINARY HIGH WATER	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	K	= EXISTING		
· · · · · · · · · · · · · · · · · · ·	~~~	= EXISTING	TREE LINE	V/////////////////////////////////////
D D D	Δ	= EXISTING	CONCRETE	
+ + + + + + + + + + + + + + + + + + + +		= EXISTING	RR TRACKS	
		= EXISTING	SIGNAL POLE	
			SIGNAL POLE W/ LUMINARE	
\			STREET LIGHT ASSEMBLY YARD LIGHT	
\bowtie		= EXISTING		
		= EXISTING		
$\qquad \qquad \rangle $		= EXISTING	GAS VALVE	
		= EXISTING	TRANSFORMER PAD	_
P			POWER VAULT	■
		= EXISTING = FXISTING	JBOX SOIL BORING LOCATION	#
MB□		= EXISTING = EXISTING		MX
· C			WATER SPIGOT	
0		= EXISTING	WATER BLOW OFF	
\blacksquare		= EXISTING	WATER METER	
\bowtie			WATER VALVE	T
- ó - ⊠			FIRE HYDRANT TRAFFIC SIGNAL VAULT	
_			SEWER MANHOLE	*
		= EXISTING	STORM DRAIN CATCH BASIN TYPE I	•
		= EXISTING	STORM DRAIN CATCH BASIN TYPE II	•
Ø		= EXISTING	UTILITY POLE	-
*			MONITORING WELL	\bigsim
0			STORM CLEANOUT SEWER CLEANOUT	•
о Д		= EXISTING = EXISTING		—DETAIL NUMBER
			TELEPHONE PEDESTAL	DET _
С			COMMUNICATIONS VAULT	SHI
-		= EXISTING	BENCH MARK	SHEET NUMBER
×			NAIL AND SHINER	
o —		= EXISTING		
⊕ ⊚			MONUMENT (IN CASE) MONUMENT (SURFACE)	
<u> </u>			ANGLE POINT	
			TREE STUMP	
		= EXISTING	TREE	
	>	= EXISTING	VEGETATION	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				

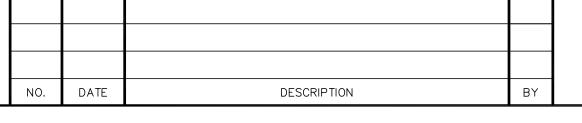
THOI GOLD			
— — — ТВ — — — ТВ —			
— — — BB — — — BB —			
			_
95			
95			
xxx	=	PROPOSED	FENCE
	=	PROPOSED	GRAVEL
	=	PROPOSED	WALL
<i>/////////////////////////////////////</i>	=	PROPOSED	BUILDING
	=	PROPOSED	PAVEMENT VALLEY
	=	PROPOSED	RIGHT OF WAY
	=	PROPOSED	AUTOTURN
 · ·	=	PROPOSED	CONSTRUCTION EASEMENT
		PROPOSED	_
	=	PROPOSED	SAWCUT
	=	PROPOSED	TRAFFIC STRIPE
	=	PROPOSED	ROAD EDGE OF PAVEMENT
	=	PROPOSED	CURB AND GUTTER
	=	PROPOSED	PATH
		PROPOSED	
			POWER LINE

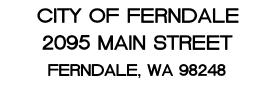
			PARKING STRIPE
			TRAFFIC SIGNAL CONDUCTOR
F0			
		PROPOSED	
			
IRR-			
			SANITARY SEWER FORCE MAIN
——————————————————————————————————————			
>			
		PROPOSED	
rational designation of the second of the se			
	=	PROPOSED	CONC. SIDEWALK/DRIVEWAY
	=	PROPOSED	INFILTRATION TRENCH
	_	DBADACED	INFILTRATION FILTER MEDIA
	_	PROPUSED	INFILITATION FILTER MEDIA
	=	PROPOSED	GRIND
	=	PROPOSED	DEMOLITION AREA
	=	PROPOSED	ASPHALT
	=	PROPOSED	CROSSWALK STRIPE
		DDODOCED	DIQUIT OF WAY TAKE
<u> </u>	=	PROPOSED	RIGHT OF WAY TAKE
•	=	PROPOSED	STORM DRAIN INLET
#	=	PROPOSED	COUPLER
•	=	PROPOSED	WATER METER
MX	=	PROPOSED	WATER VALVE
	=	PROPOSED	STORM DRAIN CATCH BASIN TYPE II
	=	PROPOSED	SANITARY SEWER MANHOLE
	=	PROPOSED	STORM DRAIN CATCH BASIN TYPE I
	=	PROPOSED	HYDRANT
-	=	PROPOSED	UTILITY POLE
	=	PROPOSED	JBOX (TYPE I, II, III)
•	=	PROPOSED	MONITORING WELL
0	=	PROP STOR	RM CLEANOUT
•	=	PROPOSED	SANITARY SEWER CLEAN OUT
•	=	PROPOSED	SIGN
\(\)	=	FLOW ARRO	OW
\odot	=	PROPOSED	TREE
/DETAIL			
NUMBER			
DET	=	SECTION M	ARK
`─SHEET NUMBER			
			1S POA
			OF WASHIA







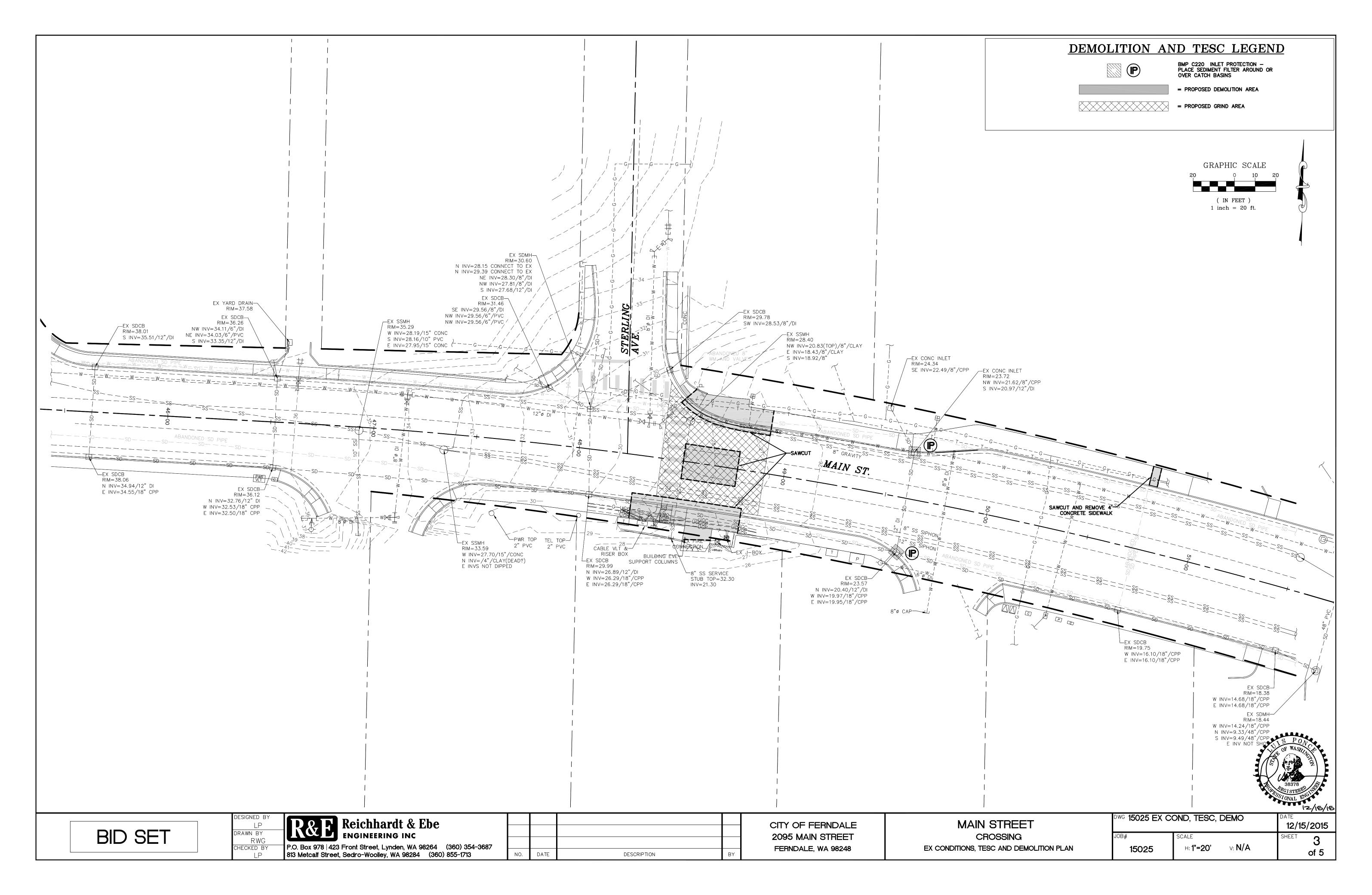




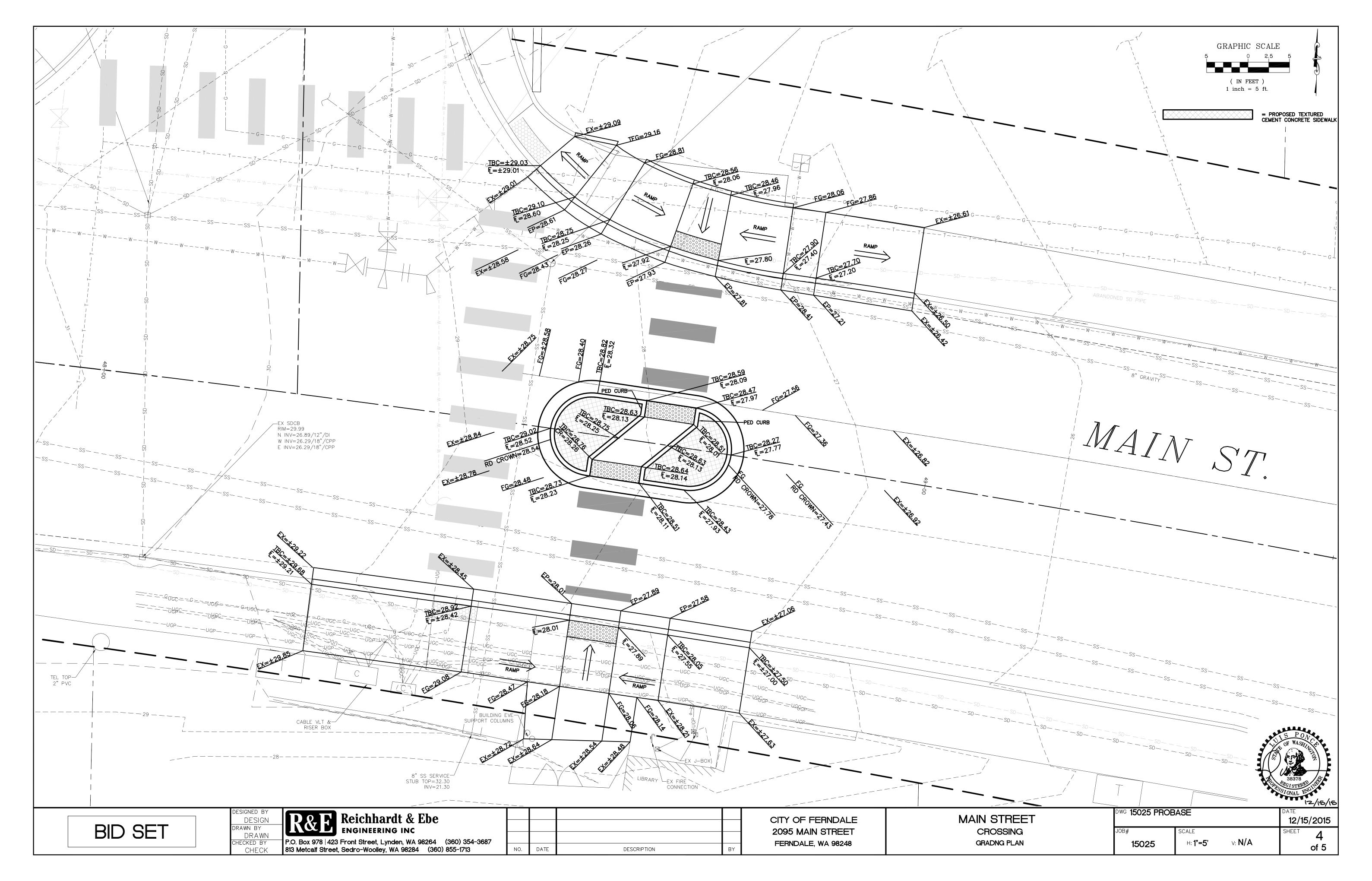


DWG 15025 COVER AND LEGEND							
JOB#	SCALE						
15025	H: N/A	v: N/					

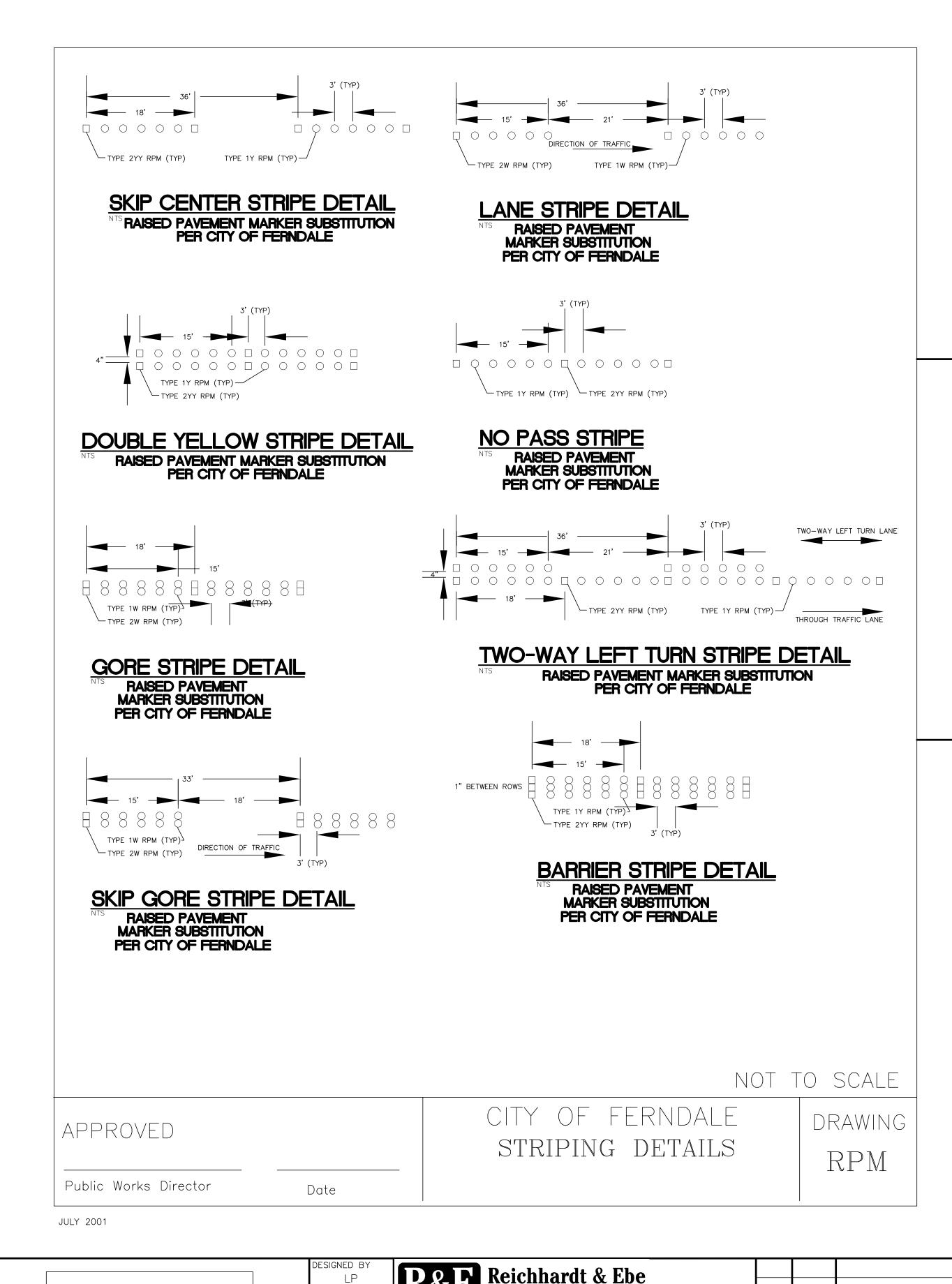
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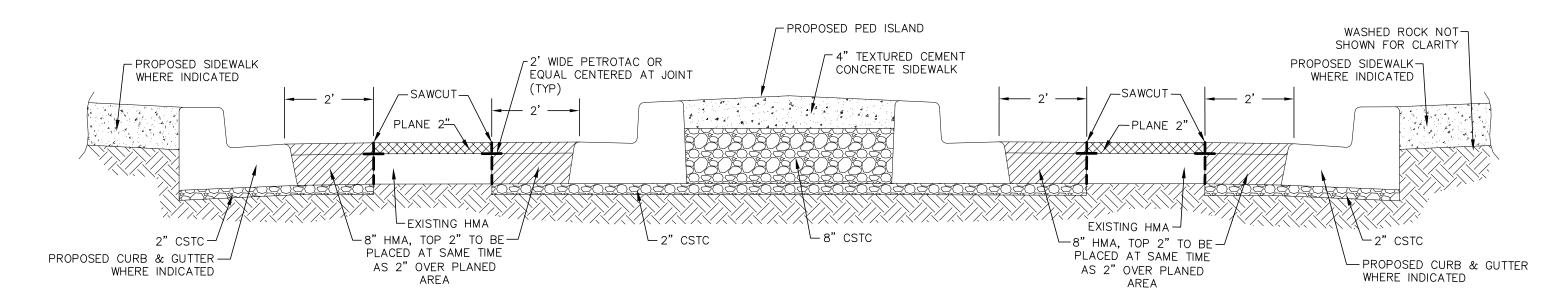


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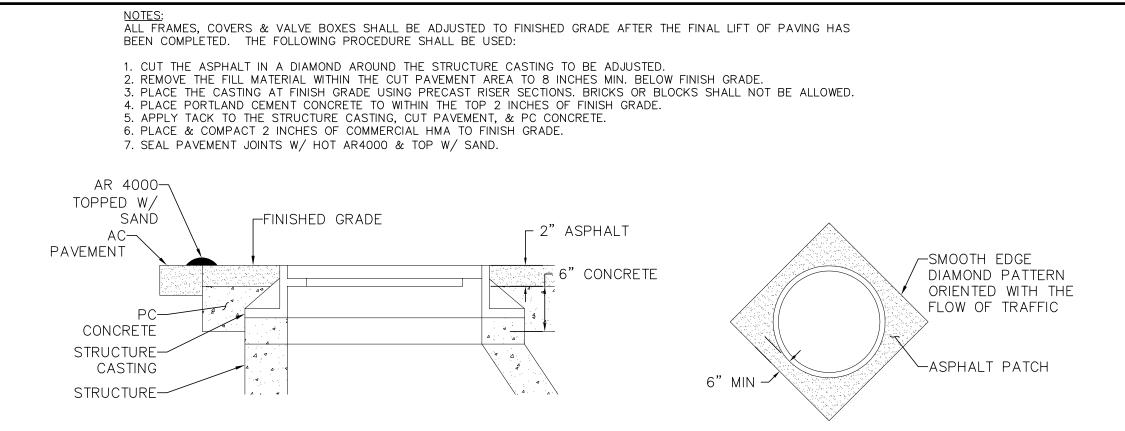


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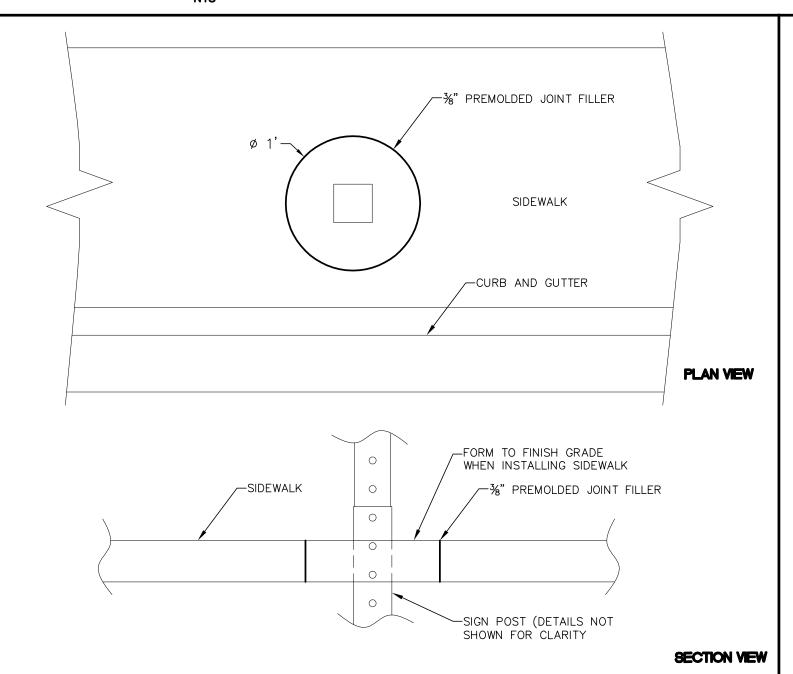




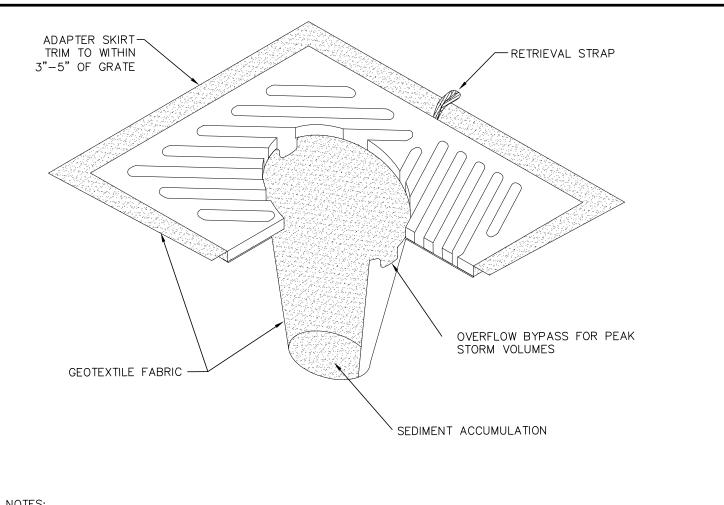
TYPICAL CURB, GUTTER AND SIDEWALK, PEDESTRIAN ISLAND REMOVAL/REPLACEMENT SECTION



ADJUSTING CASINGS TO FINISHED GRADE



TYPICAL SIGN WITHIN SIDEWALK SECTION

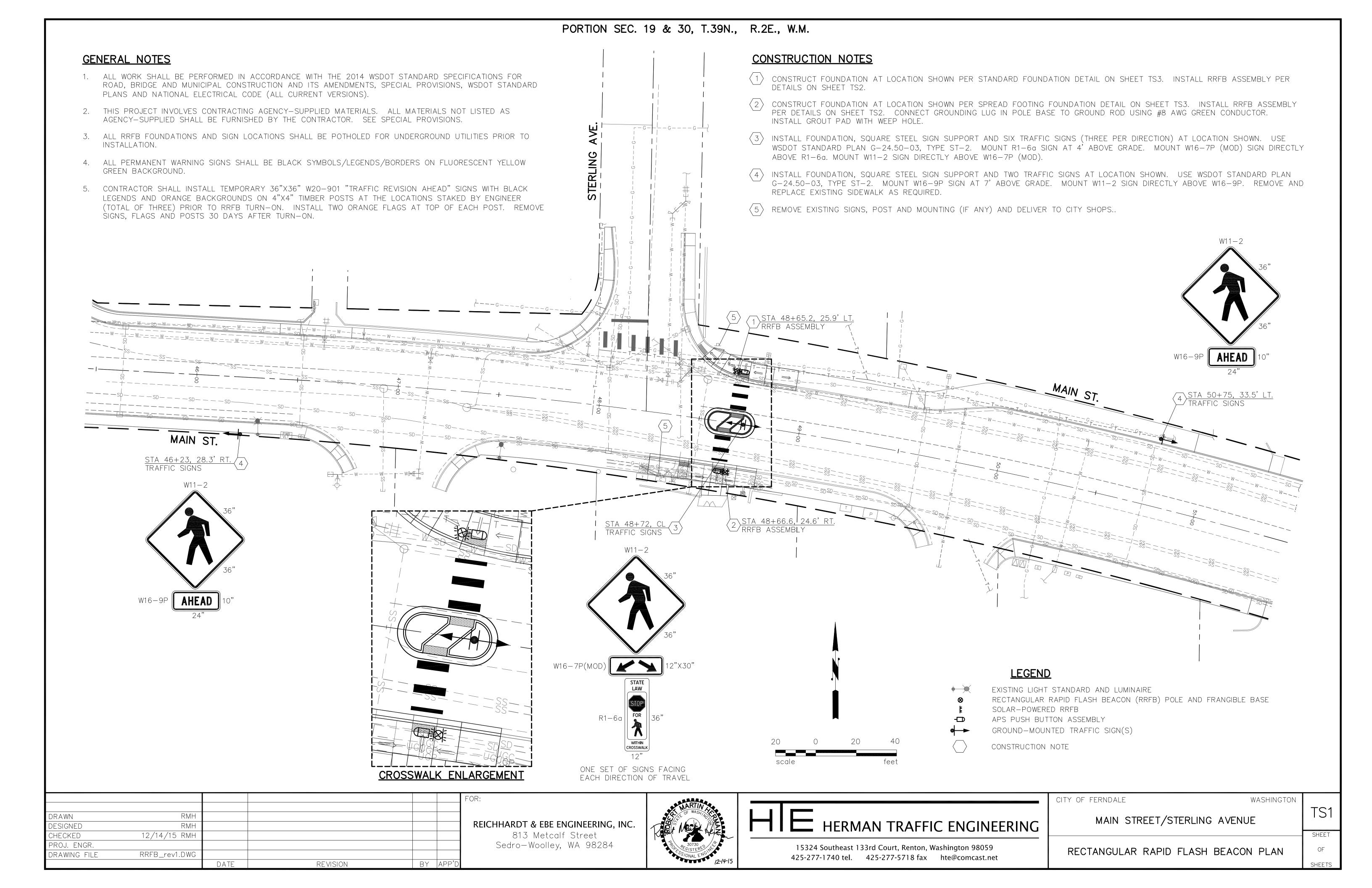


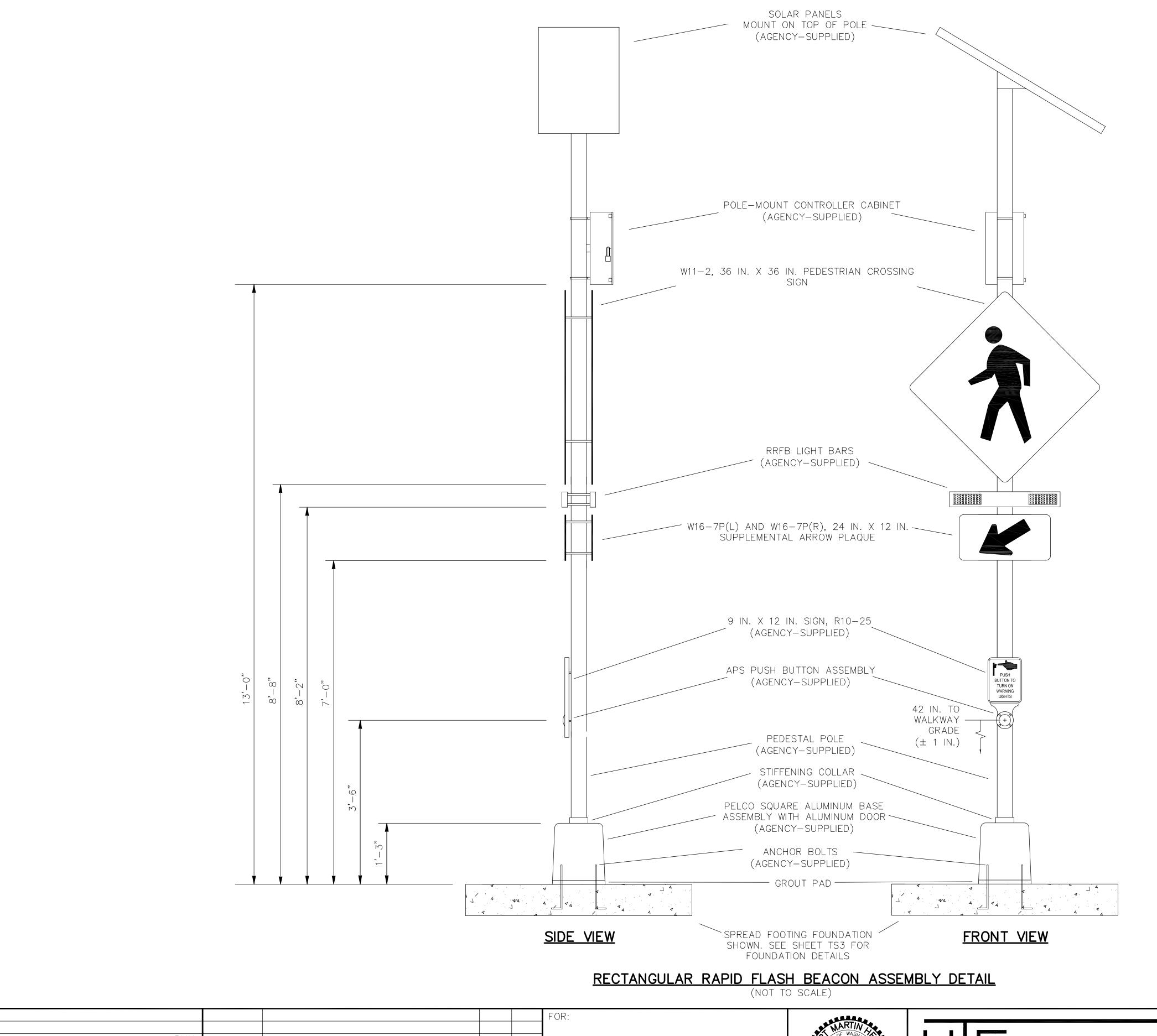
- 1. INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.
- 2. SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL.
- 3. SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND RE—INSERTING IT INTO THE CATCH BASIN.



CATCH BASIN INSERT

DID OFT	DESIGNED BY LP	Reichhardt & Ebe				CITY OF FERNDALE	MAIN STREET	DWG 15025 DETA	JLS	DATE 12/15/2015
BID SET	DRAWN BY RWG CHECKED BY	P.O. Box 978 423 Front Street, Lynden, WA 98264 (360) 354-3687				2095 MAIN STREET	CROSSING DETAILS	JOB#	SCALE H: N/A V: N/A	SHEET 5
	LP	813 Metcalf Street, Sedro-Woolley, WA 98284 (360) 855-1713	NO.	DATE DESCRIPTION	BY	FERNDALE, WA 98248	DETAILS	15025		of 5





RRFB NOTES

- 1. USE STAINLESS STEEL MOUNTING CLAMPS AND BRACKETS TO MOUNT SIGNS, RRFB AND CONTOLLER CABINET TO POLE.
- 2. ALL APS PUSH BUTTONS (FACE OF PUSH BUTTON) SHALL BE ORIENTED PARALLEL WITH CROSSWALK.
- 3. CONTRACTOR SHALL CONSTRUCT EACH RRFB ASSEMBLY AS SHOWN INCLUDING INTERNAL WIRING TERMINATIONS PER MANUFACTURER'S RECOMMENDATIONS.

DRAWN RMH
DESIGNED RMH
CHECKED 12/14/15 RMH
PROJ. ENGR.
DRAWING FILE RRFB_rev1.DWG
DATE REVISION BY APP'D

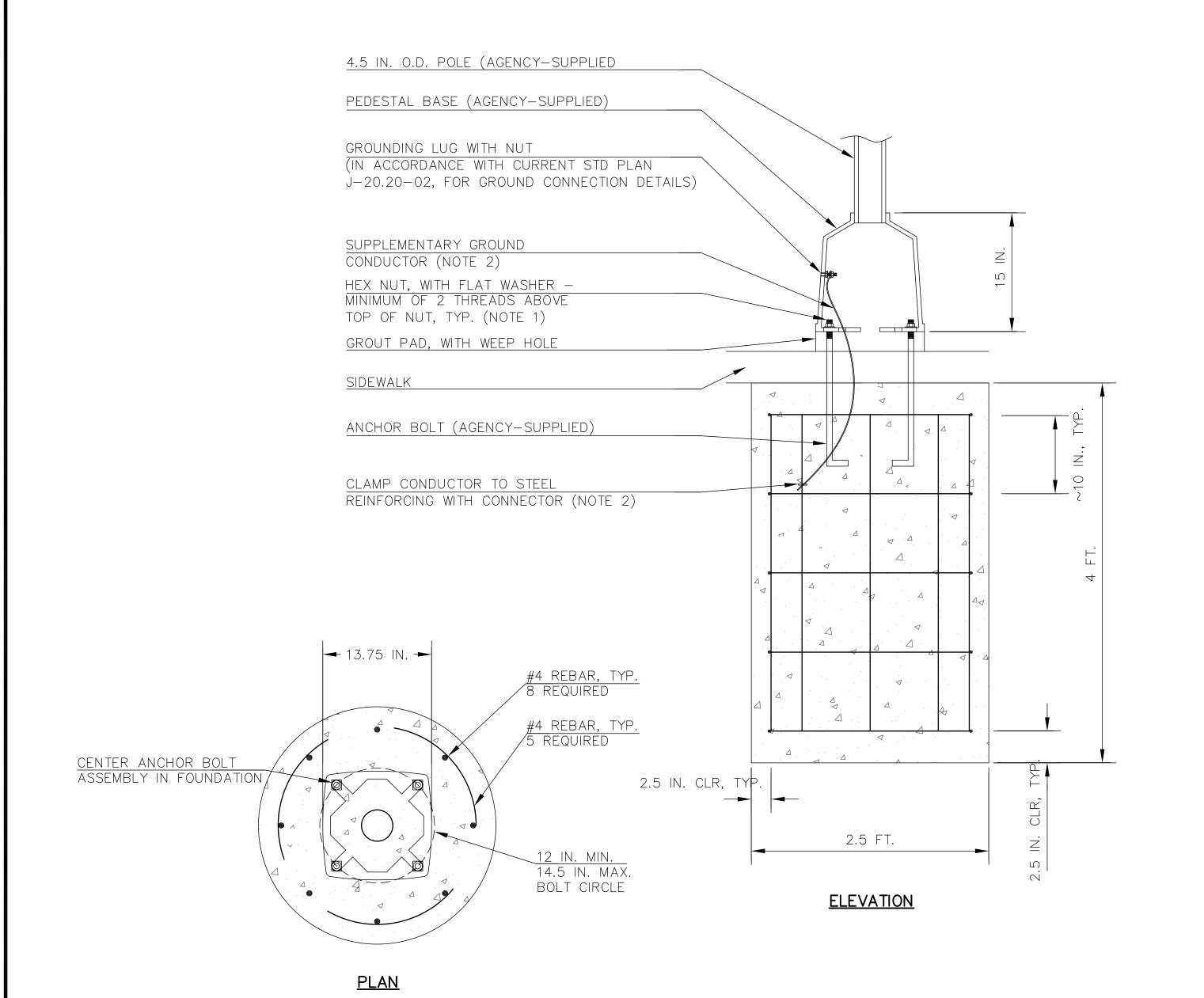
REICHHARDT & EBE ENGINEERING, INC. 813 Metcalf Street Sedro-Woolley, WA 98284

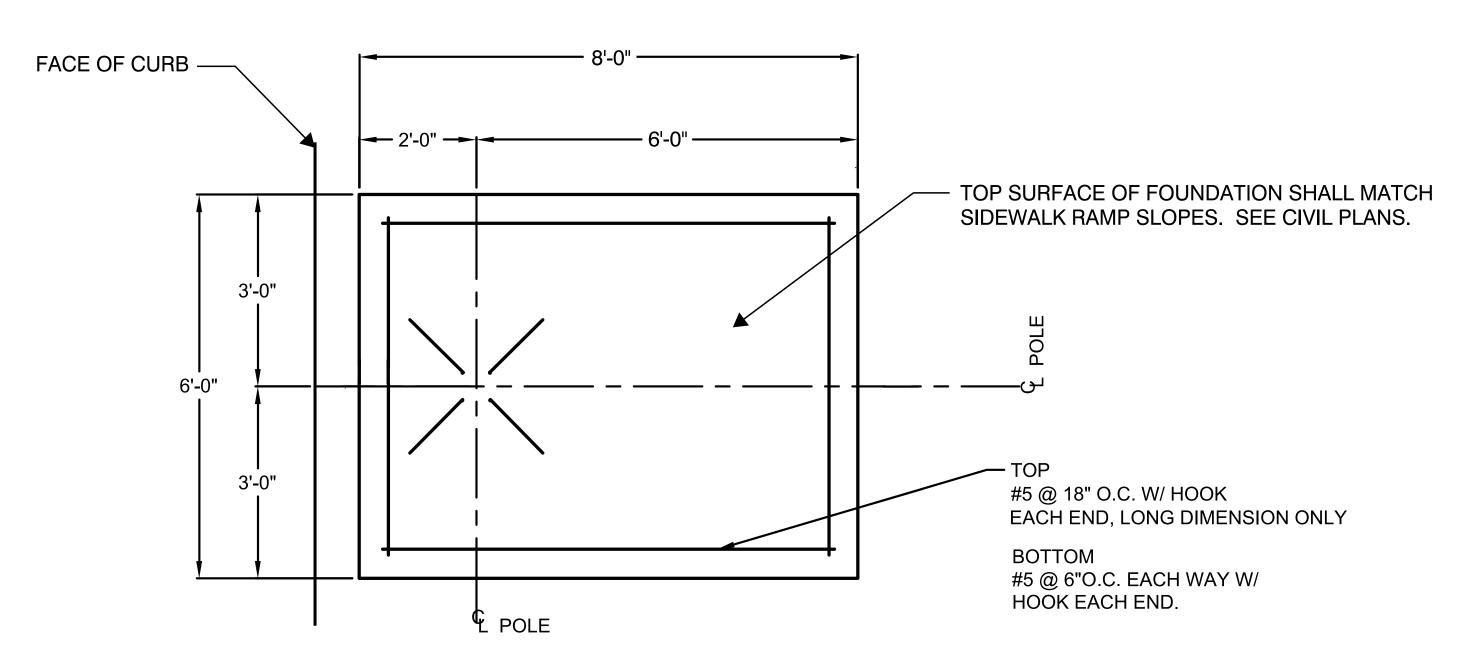




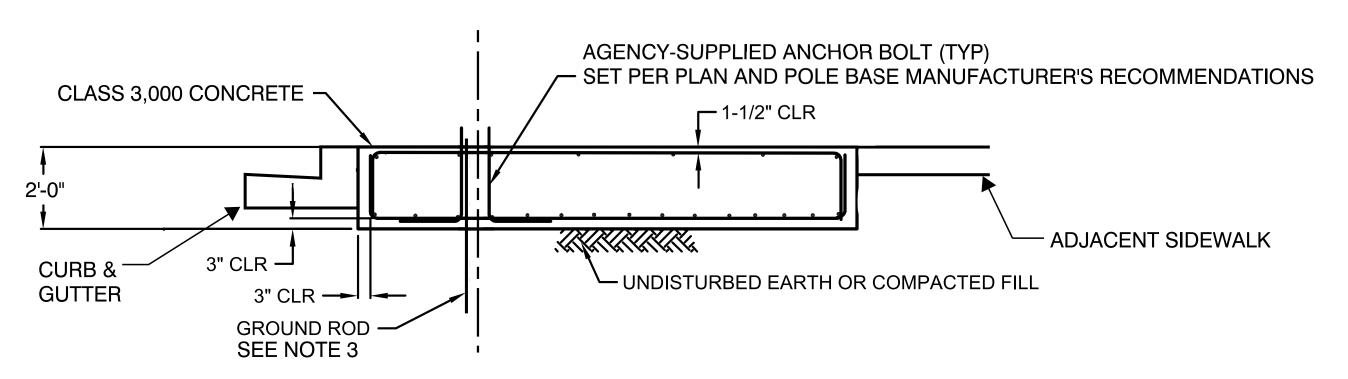
15324 Southeast 133rd Court, Renton, Washington 98059 425-277-1740 tel. 425-277-5718 fax hte@comcast.net

_	CITY OF FERNDALE WASHINGTON	
, -	MAIN STREET/STERLING AVENUE	TS2
_		SHEET
	RECTANGULAR RAPID FLASH BEACON DETAILS	OF





FOUNDATION PLAN



FOUNDATION SECTION

STANDARD FOUNDATION DETAIL (NOT TO SCALE)

SPREAD FOOTING FOUNDATION DETAIL

(NOT TO SCALE)

<u>NOTES</u>

- 1. CLAMPING BOLTS SHALL BE TIGHTENED TO 50 FT-LBS MAX TORQUE. DO NOT OVERTIGHTEN.
- 2. SUPPLEMENTAL GROUNDING CONDUCTOR SHALL BE NON-INSULATED #4 AWG STRANDED COPPER, PROVIDE 3 FT. MIN. SLACK. CLAMP TO VERTICAL STEEL REINFORCING BAR WITH LISTED CONNECTOR SUITABLE FOR USE EMBEDDED IN CONCRETE.
- 3. EQUIPMENT GROUNDING CONDUCTOR SHALL ATTACH FROM GROUND ROD TO GROUNDING LUG WITH A FULL CIRCLE CRIMP—ON CONNECTOR (CRIMPED WITH A MANUFACTURER'S RECOMMENDED CRIMPER).

					FO
RMH					
RMH					
12/14/15 RMH					
RRFB_rev1.DWG					
	DATE	REVISION	BY	APP'D	
	RMH 12/14/15 RMH	RMH 12/14/15 RMH RRFB_rev1.DWG			

REICHHARDT & EBE ENGINEERING, INC.

813 Metcalf Street
Sedro-Woolley, WA 98284





15324 Southeast 133rd Court, Renton, Washington 98059 425-277-1740 tel. 425-277-5718 fax hte@comcast.net

CITY OF FERNDALE WASHINGTON	
MAIN STREET/STERLING AVENUE	TS3
	SHEET
RECTANGULAR RAPID FLASH BEACON DETAILS	OF

SHEETS