

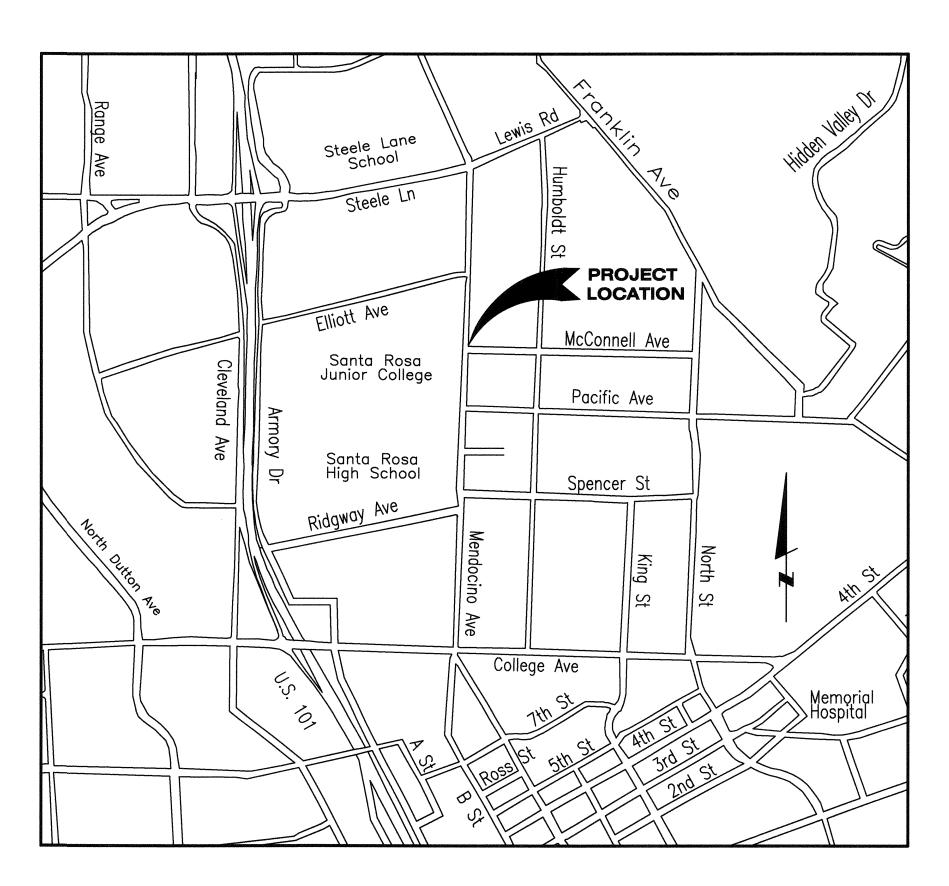
MENDOCINO AVE AND McCONNELL AVE INTERSECTION PEDESTRIAN IMPROVEMENTS

GENERAL NOTES:

- 1. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SANTA ROSA STANDARD PLANS, THE CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE SPECIAL PROVISIONS FOR THIS PROJECT AND THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
- 2. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 NO LESS THAN 2 WORKING DAYS PRIOR TO ANY EXCAVATION FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES IN ACCORDANCE WITH SECTION 5-1.36E OF THE SPECIAL PROVISIONS.
- 3. THE LOCATIONS OF UNDERGROUND UTILITIES AND OTHER OBSTACLES SHOWN ON THI PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL POTENTIAL CONFLICTS IN ACCORDANCE WITH U.S.A. LAWS AND THESE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS. IF ANY UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POT HOLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE CITY ENGINEER.
- 4. ALL SEWER MANHOLES, MAINLINE CLEANOUTS AND WATER VALVES THAT ARE ON ACTIVE SYSTEMS SHALL BE ACCESSIBLE TO CITY PERSONNEL AT ALL TIMES AND SHALL BE BROUGHT TO GRADE WITHIN 48 HOURS OF PAVING.
- 5. THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEER 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS THAT WILL BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS IN ACCORDANCE WITH CITY STANDARD 280.
- 6. OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF LIMITED CLEARANCES UNDER OVERHEAD UTILITY LINES AND LOW HANGING TREE BRANCHES. THE CONTRACTOR'S TRUCKS AND EXCAVATION EQUIPMENT SHALL BE SIZED SO THAT OVERHEAD WIRES AND TREE BRANCHES ARE NOT DAMAGED.
- 7. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
- 8. THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 9. FOR CLARITY OF EXISTING SUBSURFACE CONDITIONS, NOT ALL CROSSWALKS, STOP BARS, OR EXISTING PAVEMENT MARKINGS ARE SHOWN ON THE PLANS. TRAFFIC STRIPES, RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED PER CITY OF SANTA ROSA TRAFFIC STANDARDS PART III, TRAFFIC MARKINGS. PATCHING OF DAMAGED MARKINGS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM ENGINEERING.
- 10. IN THE EVENT AN ARTIFACT OF POTENTIAL HISTORICAL SIGNIFICANCE IS UNEARTHED ALL CONSTRUCTION SHALL HALT IMMEDIATELY AND THE ENGINEER SHALL BE NOTIFIED.

RECORD PLAN DATA						
PROJECT START:	WATER SERVICE TYPE:					
PROJECT END:	MANUFACTURER:					
GEN. CONTRACTOR:	FIRE HYDRANT TYPE:					
SUPERINTENDENT:	MANUFACTURER:					
UNDERGROUND	INSPECTOR:					
CONTRACTOR:	CONSTRUCTION					
FOREMAN:	MANAGER:					
SEWER PIPE TYPE:	RECORD PLANS BY:					
MANUFACTURER:	ADDITIONAL INFO:					
SEWER FITTINGS MANUFACTURER:	ADDITIONAL INFO.					
M.H. MANUFACTURER:						
WATER PIPE TYPE:		-				
MANUFACTURER:						
WATER VALVE MANUFACTURER:						
WATER FITTINGS MANUFACTURER:	-					

CONTRACT No. C02059



NOT TO SCALE

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-227-2600
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS

INDEX TO SHEETS

Sheet No. Title Cover Sheet Abbreviation and Notes Electrical Plan Signing and Striping Plan, Site Plan

MENDOCINO AVE AND MCCONNELL AVE ERSECTION PEDESTRIAN IMPROVEMENTS COVER SHEET
SCALE: NONE APPROVED: Deputy Dire By LORI URBANEK
ALE: NONE APPROVED: Deputy Director – Engineering Solve Chelle Chelle
NO. DATE
REVISION

APPROVED: ROBERT M. SPR Deputy Director — Traffic E STATE OF CALIFORNIA BY: PROFESSIONAL APPROVED: ROBERT M. SPR Deputy Director — Traffic E BY: PRAFFIC PRINT OF CALIFORNIA BY:	
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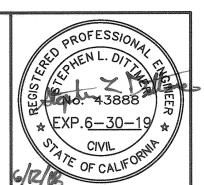
		ABE	BREVIATIONS		
AB	AGGREGATE BASE	FDC	FIRE DEPARTMENT CONNECTION	PT	POINT
ABAN ABS	ABANDONED ACRYLONITRILE—BUTADIENE—STYRENE	FES FG	FLARED END SECTION FINISHED GRADE	PVC PVMT	POLYVINYL CHLORIDE
AC	ASPHALT CONCRETE	FH	FINISHED GRADE FIRE HYDRANT FLOWLINE FRONT OF SIDEWALK FOOT or FEET FOOTING GALVANIZED GRADE BREAK GATE VALVE HEAVY DUTY	R	PAVEMENT RADIUS
ACP	ASBESTOS CONCRETE PIPE	Ę	EL OWEINE	RC	RELATIVE COMPACTION
ADD'L	A 500 500 A 500 A 5 A 5 A 5 A 5		FLOWLINE EPONT OF CIDEWALK	REF	REFERENCE
ANG	ADDITIONAL ANGLE	FT FT	FOOT or FEET	REINF	REINFORCING
AP	ANGLE FOINT	FTG	FOOTING	REQ'D	REQUIRED
APN	ASSESSORS PARCEL NUMBER	GALV	GALVANIZED	RCP	REINFORCED CONCRETE PIPE
APPROX ARV	APPROXIMATELY AIR RELIEF VALVE	GB	GRADE BREAK	RD	ROAD
ASNS	ADVANCED STREET NAME SIGN	GV	GATE VALVE	ROW RPM	RIGHT OF WAY RAISED PAVEMENT MARKER
AVE		HD HDPE	HEAVY DUTY	RT	RIGHT
AVG	AVENUE AVERAGE BEGIN CURVE	HORIZ	HIGH DENSITY POLYETHYLENE HORIZONTAL	S	SLOPE
BC	BEGIN CURVE	HP		(S)	SOUTH
BFP	BACK FLOW PREVENTER	HPS	HIGH POINT HIGH PRESSURE SODIUM HEIGHT INTERCONNECT INSIDE DIAMETER INVERT ELEVATION IRON PIPE IRRIGATION JUNCTION BOX JOINT POLE JOINT TRENCH KILOVOLT LENGTH LATERAL	ŠĎ	STORM DRAIN
BLDG BLVD	BUILDING BOULEVARD	HT	HEIGHT	SDMH	STORM DRAIN MANHOLE
BM	BENCH MARK	IC	INTERCONNECT	SF SG	SQUARE FEET
BO	BLOW OFF	ID	INSIDE DIAMETER	SHT	SUBGRADE SHEET
BOC	BACK OF CURB	INV IP	INVERT ELEVATION	SIG	SIGNAL
BRC	BEGIN REVERSE CURVE	irr	IRRIGATION	SIM	SIMILAR
BSW	BACK OF SIDEWALK	JB	JUNCTION BOX	SL	STREET LIGHT
BW	BOTTOM OF WALL	JP	JOINT POLE	SPEC	SPECIFICATION
BVC	BEGIN VERTICAL CURVE	JT	JOINT TRENCH	SQ	SQUARE
C CB	CONDUIT CATCH BASIN	KV	KILOVOLT	SS	SANITARY SEWER
C&G	CURB AND GUTTER	L	LENGTH	SSCO	SANITARY SEWER CLEANOUT
CDF	CONTROLLED DENSITY FILL	LAT	LATERAL	SSMH ST	SANITARY SEWER MANHOLE STREET
CIP	CAST IRON PIPE	LED LF	LINEAL COOT	STA	STATION
<u>و</u>	CENTERLINE	LG	LINEAL FOOT LIP OF GUTTER LANE LINE	STD	STANDARD
CL	CLASS	ĪĽ	LANE LINE	SVC	SERVICE
CLR	CLEAR	LMA	LUMINAIRE MAST ARM	SW	SIDEWALK
CMP	CORRUGATED METAL PIPE	LN	LANE LOW POINT LEFT LUMINAIRE MAXIMUM MAIL BOX MAN HOLE MINIMUM MISCELLANEOUS MONUMENT NORTH	SWL	SOLID WHITE LINE
CMU	CONCRETE MASONRY UNIT	LP	LOW POINT	TAN	TELEPHONE TANGENT
CO CONC	CONCRETE	LT LUM	LEF I	TBM	TEMPORARY BENCHMARK
CONST	CONSTRUCTION	MAX	MAXIMUM	TC	TOP OF CONCRETE
CONT	CONTINUOUS	МВ	MAIL BOX	TCC	TOP OF CURB ELEVATION
CP	CONTROL POINT	МН	MAN HOLE	TCE	TEMPORARY CONSTRUCTION EASEMENT
CT	COURT	MIN	MINIMUM	IHK	THICK TOP OF GRATE
CTB	CEMENT TREATED BASE	MISC MON	MISCELLANEOUS	TOC	TOP OF CURB
CTR CY	CURIC YARD	(N)	NORTH	TW	DOTTO COS. COS. COS. COS. AND SALAR A
DCV	DETECTOR CHECK VALVE	N/A	NOT AVAILABLE /APPLICABLE	TP	TOP OF PIPE
DI	DROP INLET	NIC	NOT IN CONTRACT	TS	TRAFFIC SIGNAL
DIP	DUCTILE IRON PIPE	NO	NUMBER	IWLIL	TWO WAY LEFT TURN LANE
DH	DETECTOR HANDHOLE	NTS	NOT TO SCALE	I TP	TYPICAL UTILITY CHASE
DIA DLC	DIAMETER DETECTOR LOOP CONDUIT	OC	NORTH NOT AVAILABLE/APPLICABLE NOT IN CONTRACT NUMBER NOT TO SCALE ON CENTER OUTSIDE DIAMETER OVERHEAD PULL BOX	UG	UNDERGROUND
DR	DRIVE	OD OH	OVERHEAD	UNO	UNLESS NOTED OTHERWISE
DWG	DRAWING	PB	PILL BOX	V	VOLT
DWR	CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CLEANOUT CONCRETE CONSTRUCTION CONTINUOUS CONTROL POINT COURT CEMENT TREATED BASE CENTER CUBIC YARD DETECTOR CHECK VALVE DROP INLET DUCTILE IRON PIPE DETECTOR HANDHOLE DIAMETER DETECTOR LOOP CONDUIT DRIVE DRAWING DASHED WHITE PAVEMENT MARKER	PCC	PULL BOX PORTLAND CEMENT CONCRETE PHOTO ELECTRIC CONTROL PEDESTRIAN POINT OF INTERSECTION POST INDICATOR VALVE PROPERTY LINE POINT ON CURVE	VC	VERTICAL CURVE
DWY	DOING TIME AND	PEC	PHOTO ELECTRIC CONTROL	VCP	VITRIFIED CLAY PIPE
DY	DOUBLE YELLOW	PED	PEDESTRIAN	VERT	VERTICAL
DYR	DASHED YELLOW PAVEMENT MARKER	PI	POINT OF INTERSECTION	VG VIT	VALLEY GUTTER VAULT
(E) EX	EAST EXISTING EACH END OF CURVE EXISTING GROUND ELECTRICAL ELEVATION EDGE OF PAVEMENT EQUAL EASEMENT	PIV	POST INDICATOR VALVE	W.	WATT OR WALK
EX EA	EAIDTING FACH	P	PROPERTY LINE	(W)	WEST
EC	END OF CURVE	POC	POINT ON CURVE POINT OF COMPOUND CURVE POINT ON VERTICAL CURVE	w/	WITH
EG	EXISTING GROUND	POCC	POINT OF COMPOUND CURVE	W/0	WITHOUT
ELEC	ELECTRICAL	POVC	POINT OF VERTICAL INTERSECTION	WBD	WALL BACK DRAIN
ELEV	ELEVATION	PVI PP	POINT OF VERTICAL INTERSECTION POWER POLE	WM	WATER METER
EP	EDGE OF PAVEMENT	PPB	PEDESTESTRIAN PUSH BUTTON	WS	WATER SERVICE
EQ	EQUAL FACEMENT	PR	PAIR		WATER SAMPLING STATION
ESMT EVC	END VERTICAL CURVE	PRV	PRESSURE REDUCING VALVE PERFORATED SUBDRAIN	WTR WV	WATER WATER VALVE
FA	EASEMENT END VERTICAL CURVE FIRE ALARM FACE OF CURB	PSD	PERFORATED SUBDRAIN	WWF	WELDED WIRE FABRIC
FC	FACE OF CURB	PUE	PUBLIC UTILITY EASEMENT	WY	WAY
				YD	YARD

LINE LEGEND

DOUBLE VELLOW LINE	EXISTING	PROPOSED
DOOBLE TELLOW LINE	40000 1 7 7 7 100 1 7 7 100 1 1 1 1 1 1 1	=::::::::::::::::::::::::::::::::::::::
ELECTRIC	SECURE COMPON EGUARD SECURE ANGELES SECURE AMANDA VORGODA 🚉 MASSIFIC ESSOCIA MANDAN	
GAS	YOURT WINES BOOM (S) critical literatus sections stations where (S) where, clicine werest	
INTERCONNECT CONDUIT	асории пробом полную (Причение чение переня паста чением (Причение переня исполь	
LANE LINE		
PROPERTY LINE	AND MANAGEMENT AND AND THE CONTROL OF T	
TELEPHONE	entropy relatives countries and described described outside very recommendation of the countries of the coun	
TRAFFIC SIGNAL CONDUIT	estantinopolipos il e sponitorio di s sociamenta e e suppostantinos	estimates a a access a a custom a a customar
TWO WAY LEFT TURN LANE	140000000000000 , , , , , , , , , , , , ,	
STORM DRAIN		
WATER	piones suresci where W where series there comes series W worth veries comes	

CONSTRUCTION NOTES:

- 1. Locate traffic signal standards as shown on the plans and in the pole schedule.
- 2. The Contractor shall install conduit and conductors into the P.G.&E. splice box prior to P.G.&E. service splice per City Std. 733A at the location shown on the plans.
- 3. All loops shall be installed a minimum of two feet from the nearest edge of any manhole, valve, or monument.
- 4. Install conduit with minimum cover per the special provisions. Where signal conduit cannot be installed with minimum cover above existing utilities, it must be installed under existing utilities.
- 5. Trenches less than 12" wide shall be backfilled per City Std. 215, Narrow Trench, except that the CDF shall be a two sack cement sand slurry. Mendocino Ave is an Arterial, and McConnell Ave is a Local.
- 6. Trenches 12" and wider shall be backfilled per City Std. 215. Mendocino Ave is an Arterial, and McConnell Ave is a Local.
- 7. All spoils shall be removed as they are generated and disposed of off—site as required in the Special Provisions.
- 8. The Contractor shall hand dig trenches at crossings with existing conduit and other utilities.
- 9. Record plans indicate the existing street sections are composed of the following; Mendocino Ave, 1.0' of asphalt concrete over 0.5' of class two base.
- 10. Pedestrian heads shall be LED with count down feature in compliance with the provisions of MUTCD section 4E.07, "Countdown Pedestrian Signals". LED symbols shall be solid LED patterns. "Outline" patterns are not acceptable. Numerical units shall have a width of two LEDs, minimum 9 " tall. Single width numbers are not permitted.
- 11. Pedestrian push buttons shall be ADA compatible, iN2 2—Wire Polara Navigator System or approved equal.
- 12. Two 2" conduits shall be installed for traffic signal interconnect at the locations shown on the plans. One conduit shall contain a pull tape per State std. section 86-2.05C and the other shall contain two-25 pair of twisted shielded 19 gauge copper IMSA 40-2 cable with copper shielding the around the cable core. Each pair shall be color coded or numbered by pairs per 40-2 specification and installed with no splices. Terminal strips shall be installed in the new and existing controller cabinet(s), and the cable attached to the terminal strips in an organized and neat and consistent manner so communication through the system is complete after installation.
- 13. Optical detector Global Traffic Technologies (GTT) Opticom Model 721, or approved equal shall be provided and installed by the Contractor ten feet from the end of the traffic signal mastarm at the locations shown on the plans. A phase selector GTT Opticom Model 764 four channel or approved equal shall be provided by the Contractor and installed by the City. Lead—in cable GTT Model 138 or approved equal shall be installed at the locations indicated on the Conductor Schedule.
- 14. Existing equipment not to be reused shall become the property of the Contractor, except for equipment called out on the plans to be salvaged shall be returned to the City Municipal Services Center, 55 Stony Point Road,
- 15. Existing street name and regulatory signs mounted on traffic signal mastarms and signal poles will be remounted on new signal mastarms and poles by the City. New G—7 street name and regulatory signs and brackets will be provided and installed on the signal mast arms by the City at the locations shown on the plans. New street name signs and traffic regulatory signs and hardware which are not to be mounted on traffic signal mastarms or signal poles shall be provided and installed by the Contractor at the locations shown on the plans per City and State stds. Existing street name signs and traffic regulatory signs which are not on traffic signal mastarms or signal poles shall be relocated by the Contractor as directed by the Engineer.



City of Santa Rosa



					REVISION
					NO. DATE
					NO.
DATE: 6-11-2018		uty Director — Engineering	Date //8//8	쏘	
SCALE: NONE		APPROVED: Deputy Di	Many Mosey	LORI URBANEK	
		T	By		unichosopa

CONTRACT NO.

SHEET 2 OF 4

FILE # 2018-0030

BENCH LEVEL DATA:

C-135 Carr Ave. and Slater St.; City Disk in well monument on CL Carr Ave., 5ft W/o 159.438 CL Slater St. 4/81

	C	ONTROL DATA		
POINT	NORTHING	EASTING	ELEV	DESCRIPTION
CP #1	1928207.995	6356233.861	160.74	CUT "X" MIDDLE MEDIAN ISLAND, MENDOCINO AVE S/O McCONNELL
CP #2	1928463.210	6356211.554	159.59	CUT "X" @ TC, W/S MENDOCINO AVE; 44' N/O LGT POLE 4123
CP #3	1928910.287	6356229.663	159.63	CUT "X" @ TC, W/S MENDOCINO AVE, CL CARR AVE EXTENDED

CONDUCTOR SCHEDULE									
A 14/0		CONDUIT RUNS							
AWG	CIRCUIT	1	$\sqrt{2}$	3	4	5	6	/7\	
	VEH Φ 1								
	VEH Ф 2								
	VEH Ф 3								
	VEH ¢ 4				3	**************************************	3	3	
	VEH Ф 5								
	VEH Φ 6								
	VEH ф 7								
	VEH Ф 8				3	3			
	PED ¢ 2				4	2	2	2	
	PED Ф 4								
No.14	PED Φ 6								
110.14	PED Ø 8								
	PPB ¢ 2	ļ			4	2	2	2	
	PPB ¢ 4								
	PPB Ф 6							**********	
	PPB Ф 8								
	PPB NEUTRAL		samoni sumperi so in selec		2	1	1	1	
	SIGNAL NEUTRAL					1	1	1	
	P.E.C.	3		3		3			
	SPARES				3		3	····	
	TOTAL No.14	3		3	19	12	12	9	
	STREET LIGHT	2		2		2	2	2	
No.8	SIGNAL NEUTRAL				1	4		4	
110.0	EQUIP. GROUND			1	1	1	1	1	
	TOTAL No.8	2		3	2	3	3	3	
N _z C	EQUIP. GROUND	1	1		_				
No.6		'						•	
Na 1	SERVICE	2	2						
No.4									
	OPTICOM CABLE				2	1	1	1	
	DETECTOR LEAD-IN CABLE								
	VIDEO CABLE				1	1			
I									
	CONDUIT SIZE	2"	2"	2"	2-3"	2"	3"	2"	
	CONDUIT SIZE	2"	2"	2"	2-3"	2" /5\	3"	2"	

	EQUIPMENT SCHEDULE										
LOC	EQUIPMENT	TYPE	DESCRIPTION								
1	CONTROLLER	MODEL 2070	PROVIDED BY THE CITY WITH TYPE 332 CABINET								
2	SERVICE CABINET	TESCO III BF	EXISTING								
3	PULL BOX	30"X48"	CITY TRAFFIC STD. AND DETAIL THIS SHEET								
4	PULL BOXES (2 REQ'D)	No. 5	CITY TRAFFIC STD. AND DETAIL THIS SHEET								
(5)	PULL BOXES (2 REQ'D)	36"X24"	CLASS 3 COMPOSITE, FLARED SIDEWALL, MIN DEPTH 30 INCHÉS								
6	ETHERNET SWITCH	ML684D	PROVIDED BY THE CITY WITH TYPE 332 CABINET								
⑦	ETHERNET EXTENDER	ML604D	PROVIDED BY THE CITY WITH TYPE 332 CABINET								

SIGNAL NOTES:

1. ALL EXISTING CONDUITS WITH TRAFFIC SIGNAL CONDUCTORS SHALL BE ABANDONED AND HAVE THE CONDUCTORS REMOVED. EXISTING CONDUITS WITH STREETLIGHT CONDUCTORS SHALL REMAIN AND BE OPERATIONAL AT ALL TIMES.

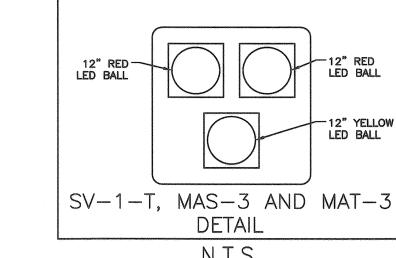
INTERCONNECT NOTES:

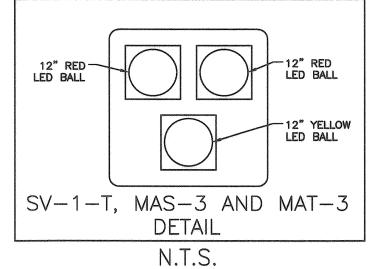
- 1. TRAFFIC SIGNAL INTERCONNECT WHERE LOCATED BY USA CAN BE <u>VERY</u> SHALLOW. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE WHERE LOCATED. ANY REPAIR TO INTERCONNECT OR ELECTRICAL SHALL BE INSPECTED BY THE CITY OF SANTA ROSA PUBLIC WORKS ELECTRICAL DEPARTMENT. IF DAMAGED, THE ENTIRE RUN OF INTERCONNECT CABLE SHALL BE REPLACED WITHOUT SPLICE, CONTROLLER TO CONTROLLER, AT THE CONTRACTORS EXPENSE.
- 2. ALL NEW ELBOWS INSTALLED ON EXISTING OR NEW INTERCONNECT CONDUITS SHALL BE 36 INCH LONG RADIUS ELBOWS.

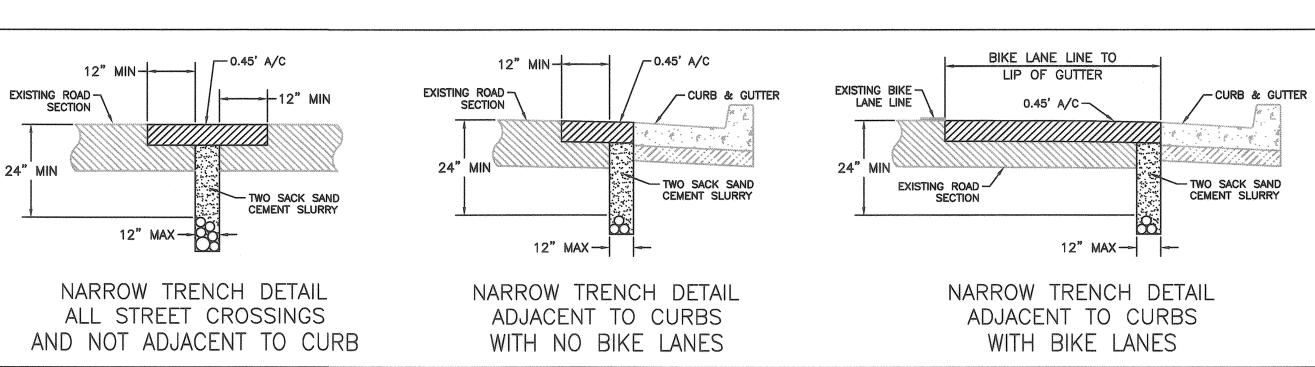
CONSTRUCTION NOTES:

- T REMOVE SIGNAL POLE AND MASTARMS. ABANDON FOUNDATION 6" BELOW FINISH SIDEWALK GRADE. W-11 LED SIGN, LUMINAIRE, RADIO ANTENNA AND MOUNT, AND BEACONS ARE TO BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD. THE SIGNAL POLE, ARMS AND OTHER EQUIPMENT BECOME THE PROPERTY OF THE CONTRACTOR. SIGNS TO BE RELOCATED, SEE SHEET 4.
- 2 REMOVE SIGNAL POLE. ABANDON FOUNDATION 6" BELOW FINISH SIDEWALK GRADE. CHIRPER IS TO BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD. THE SIGNAL POLE, ARMS AND OTHER EQUIPMENT BECOME THE PROPERTY OF THE CONTRACTOR.
- 3 REMOVE SIGNAL POLE. CUT FOUNDATION BOLTS AND CONDUIT FLUSH WITH SIDEWALK. FILL CONDUIT WITH GROUT AND MAKE FLUSH WITH SIDEWALK. GRIND SIDEWALK SMOOTH AS NEEDED. BEACONS, AND CHIRPER ARE TO BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD. THE SIGNAL POLE, AND OTHER EQUIPMENT BECOME THE PROPERTY OF THE CONTRACTOR. SIGNS TO BE RELOCATED, SEE SHEET 4.
- 4 REMOVE PEDESTRIAN PUSH BUTTON POLE. CUT FOUNDATION BOLTS AND CONDUIT FLUSH WITH CONCRETE. FILL CONDUIT WITH GROUT AND MAKE FLUSH WITH CONCRETE. GRIND CONCRETE SMOOTH AS NEEDED. THE POLE IS TO BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD. ALL OTHER EQUIPMENT BECOME THE PROPERTY OF THE CONTRACTOR.
- 5 REMOVE EXISTING PULL BOX AND INSTALL NEW NUMBER 5 PULL BOX, PER STANDARDS AND DETAIL THIS SHEET.
- 6 REMOVE CONTROLLER CABINET. ABANDON FOUNDATION 6" BELOW FINISH SIDEWALK GRADE. CABINET AND ALL INTERIOR EQUIPMENT ARE TO BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD.
- 7 INSTALL 2 2 INCH CONDUITS.
- 8 PULL THE EXISTING INTERCONNECT CABLES OUT OF THE EXISTING CONDUITS BETWEEN THE FIRST INTERCONNECT BOX NORTH OF McCONNELL AVE AND THE CONTROLLER AT MENDOCINO AVE / PACIFIC AVE <u>DO NOT CUT CABLES</u>. REINSTALL CABLES INTO NEW CONDUITS TO THE NEW CONTROLLER CABINET AT McCONNELL. ALL CONDUCTORS SHALL BE LANDED IN BOTH CONTROLLERS PER THE CITY STANDARDS AND THE SPECIAL PROVISIONS. EXCESS CABLE SHALL BE CUT OFF AND BECOME THE PROPERTY OF THE CONTRACTOR.
- [9] INSTALL TWO NEW 25 PAIR INTERCONNECT CABLES PER SPECIAL PROVISIONS, IN THE EXISTING AND NEW CONDUITS BETWEEN THE NEW CONTROLLER AT MENDOCINO AVE / McCONNELL AVE AND THE EXISTING TRAFFIC SIGNAL CONTROLLER AT MENDOCINO AVE / PACIFIC AVE. ALL CONDUCTORS SHALL BE LANDED IN BOTH CONTROLLERS PER THE CITY STANDARDS AND THE SPECIAL PROVISIONS.
- 10 THE EXISTING INTERCONNECT CONDUITS ARE 2 3 INCH CONDUITS.
- 32 PROTECT SIDEWALK DRAIN IN PLACE.
- RELOCATE THE GAS ANODE OUT SIDE OF SIGNAL POLE FOUNDATION.

PROPOSED PHASE DIAGRAM

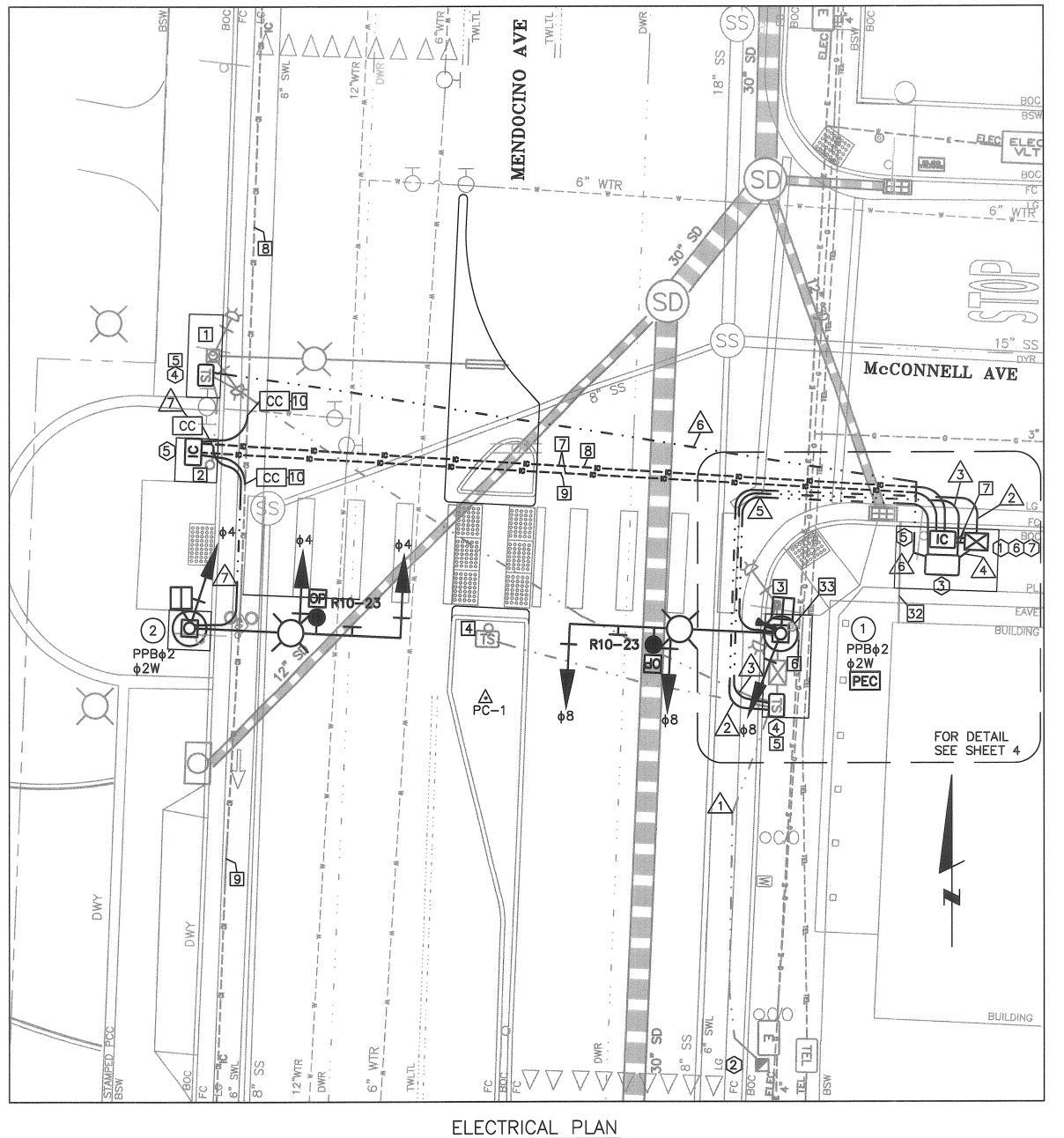




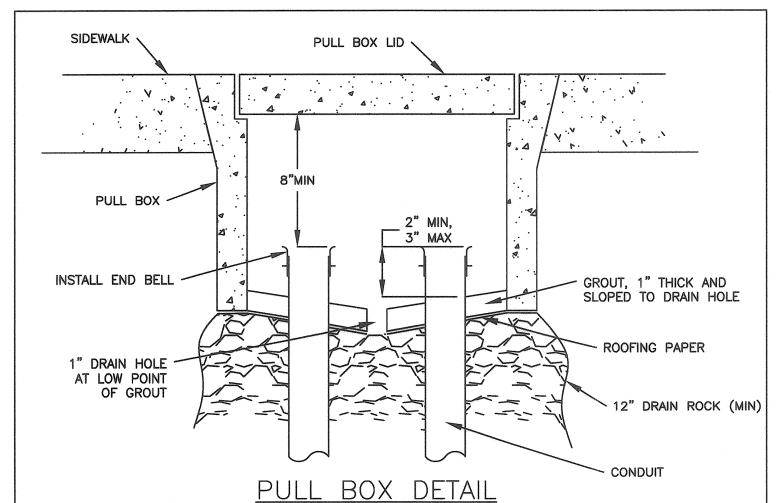


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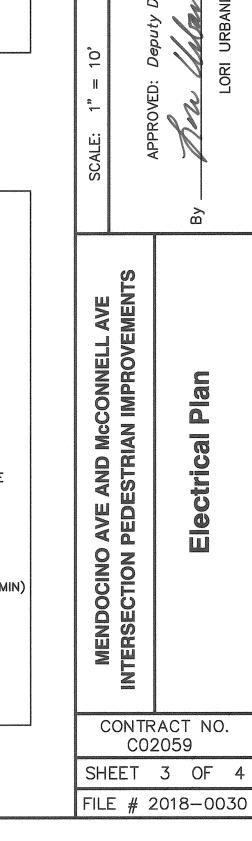
	POLE SCHEDULE											
STANDARI LOC TYPE	MAS HT. SIG	T ARM	LUMINAIRE		SIGNAL M VEHICLE	IOUNTING	PED	PPB	NOTES	NORTHING	EASTING	LOC
19-4-100			LED	SV—1—T SEE DETAIL THIS SHEET	MAT-3 SEE DETAIL THIS SHEET	MAS-3 SEE DETAIL THIS SHEET	SP-1-T	2	F=12', 721 OPTICOM 10' FROM END OF SMA ALDIS VIDEO DETECTION ON POLE SHAFT PEU ON TOP OF POLE SHAFT	1928215.4328	6356268.7815	1
2 19-4-100	30' 25	12'	LED	SV-1-T SEE DETAIL THIS SHEET	MAT-3 SEE DETAIL THIS SHEET	MAS-3 SEE DETAIL THIS SHEET	SP-1-T	2	F=12', 721 OPTICOM 10' FROM END OF SMA	1928216.2020	6356198.7947	2



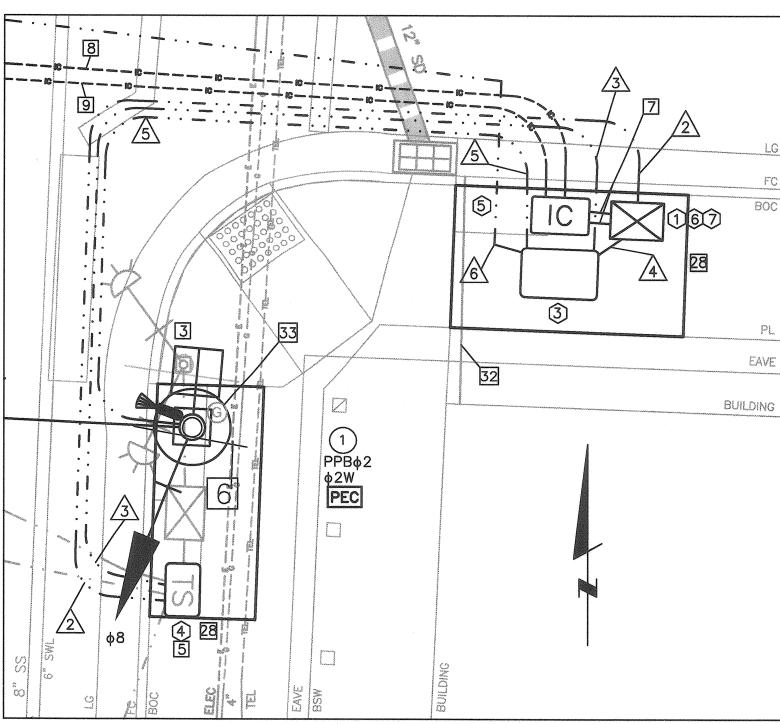
1" = 10'



N.T.S.



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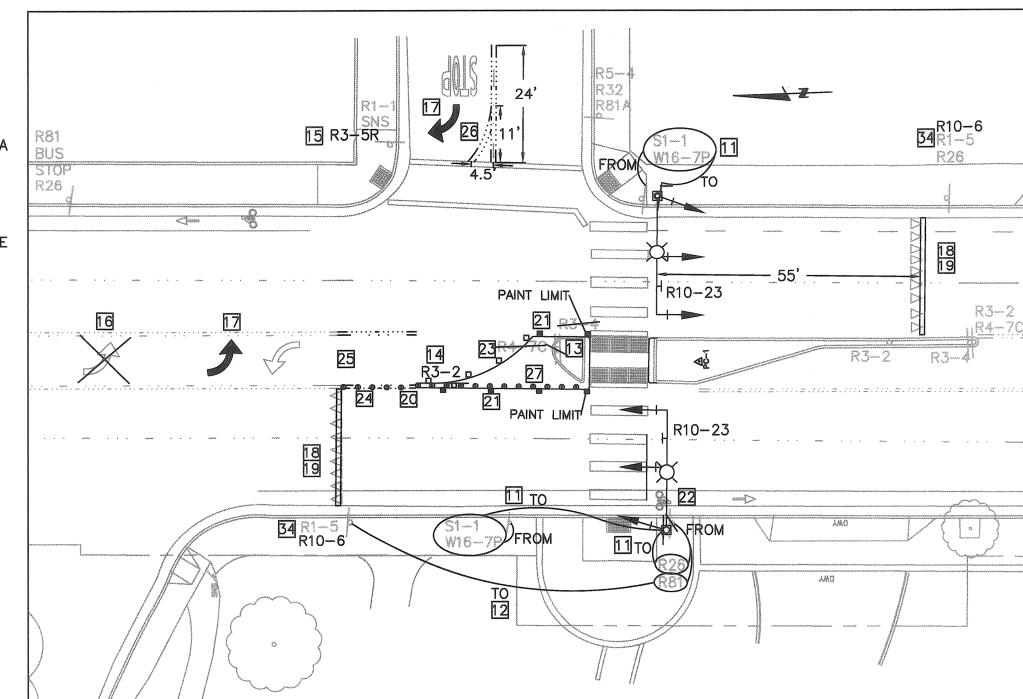


CORNER DETAIL

1" = 5'

SIGNING AND STRIPING NOTES

- 11 RELOCATE SIGN(S) TO NEW SIGNAL POLE AS SHOWN AND AS DIRECTED BY THE ENGINEER.
- 12 RELOCATE SIGN TO EXISTING 2 INCH POLE AS SHOWN AND AS DIRECTED BY THE ENGINEER. A POLE EXTENSION MAY BE NEEDED.
- 13 REMOVE SIGNS AND POLE. SIGNS SHALL BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD, THE POLES BECOME THE PROPERTY OF THE CONTRACTOR.
- 14 INSTALL NEW SIGN ON NEW 2 INCH POLE AS SHOWN AND AS DIRECTED BY THE ENGINEER, ON THE ISLAND. THE SIZE OF THE R3-2 SIGN SHALL BE 24"X24".
- 15 INSTALL NEW SIGN ON EXISTING 2 INCH POLE AS SHOWN AND AS DIRECTED BY THE ENGINEER. THE SIZE OF THE R3-5R SIGN SHALL BE 30"X36".
- 16 REMOVE LEFT TURN ARROW.
- [7] INSTALL WHITE THERMOPLASTIC ARROW. MATCH EXISTING ARROW STYLE AND SIZE.
- 18 REMOVE YIELD LINE.
- 19 INSTALL 12 INCH WHITE THERMOPLASTIC STOP BAR.
- [20] INSTALL ISLAND NOSE TREATMENT PER CITY STANDARD, EXCEPT THAT PAINT COLOR AND RPMS SHALL BE YELLOW, AND THE PAINT LIMITS SHALL BE EXTENDED AS SHOWN.
- [1] INSTALL TYPE H RPM EVERY 10 FEET ON THE ASPHALT AS SHOWN AND AS DIRECTED BY THE ENGINEER.
- 22 REMOVE 2-INCH SIGN POST. POST TO BECOME PROPERTY OF THE CONTRACTOR.
- 23 INSTALL TYPE G RPM EVERY 10 FEET ON THE ASPHALT AS SHOWN AND AS DIRECTED BY THE ENGINEER.
- 124 INSTALL 5 SURFACE MOUNT TYPE Q MARKERS, STARTING 3 FEET FROM THE ISLAND NOSE AND 3 FEET ON CENTER.
- 25 INSTALL DETAIL 33, FROM END OF EXISTING TO ISLAND NOSE.
- 26 INSTALL DETAIL 23, AS SHOWN AND AS DIRECTED BY THE ENGINEER.
- 12 INSTALL 12 SURFACE MOUNT TYPE Q MARKERS, STARTING AT THE ISLAND NOSE AND CONTINUING 3 FEET ON CENTER.
- REMOVE R1-5 SIGN. SIGN SHALL BE SALVAGED TO THE CITY OF SANTA ROSA AT 55 STONY POINT RD. INSTALL NEW SIGN ON EXISTING 2 INCH POLE AS SHOWN AND AS DIRECTED BY THE ENGINEER. THE SIZE OF THE R10-6 SIGN SHALL BE 24"X24".

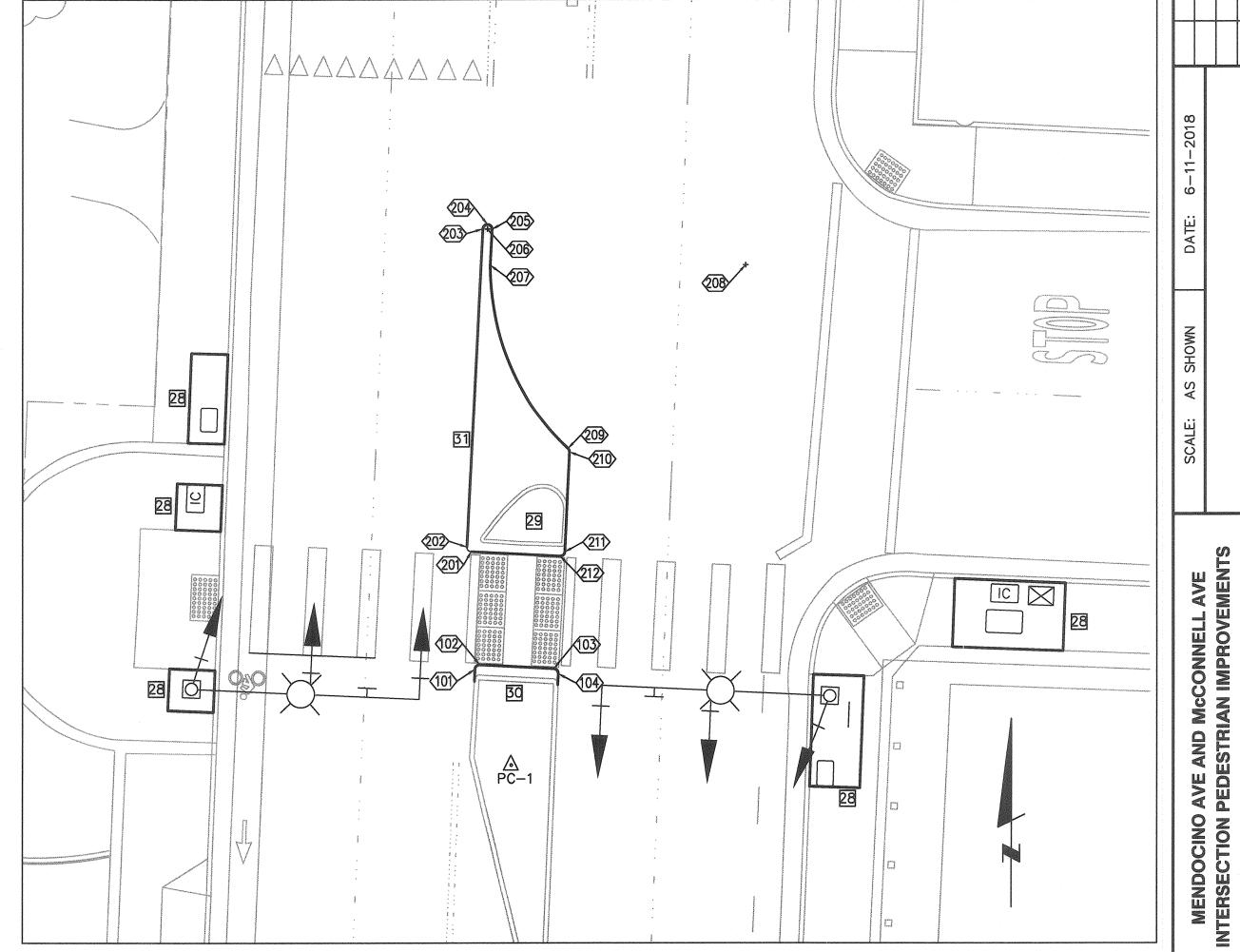


SIGNING AND STRIPING PLAN 1" = 20'



- 28 CUT SIDEWALK AT JOINTS. REPLACE SIDEWALK AND MATCH JOINT PATTERNS AND FINISH.
- 29 REMOVE EXISTING ISLAND AND PLUG ASPHALT.
- 30 INSTALL CONCRETE ISLAND EXTENSION, FROM END OF EXISTING ISLAND TO EDGE OF TRUNCATED DOMES. HEIGHT OF CURB SHALL MATCH THE HEIGHT OF EXISTING ISLAND. DOWEL HORIZONTALLY INTO EXISTING ISLAND AND VERTICALLY INTO THE SURFACE. DOWELS SHALL BE #4 BARS, 9" LONG AND PLACED 2.5' ON CENTER.
- 31 INSTALL 7" TALL CONCRETE ISLAND. DOWEL ISLAND INTO THE ASPHALT. DOWELS SHALL BE VERTICAL #4 BARS, 9" LONG AND PLACED 2.5' ON CENTER IN BOTH DIRECTIONS STARTING NO FURTHER THAN 6" FROM EDGE OF ISLAND.

	POINT TABLE											
POINT	NORTHING	EASTING	DESCRIPTION									
(101)	1928218.2571	6356299.8819	TOC BC									
(102)	1928218.7331	6356230.4074	TOC EC									
(103)	1928218.3095	6356238.5400	TOC BC									
(104)	1928217.7834	6356239.0133	TOC EC									
(201)	1928231.1410	6356229.4720	TOC BC									
202	1928231.6651	6356228.9974	TOC EC									
203>	1928266.8481	6356230.7420	TOC BC									
204	1928267.3233	6356231.2414	TOC MID POINT CURVE									
205	1928266.7986	6356231.7408	TOC EC									
206	1928266.8233	6356231.2414	RADIUS POINT, 0.5'R									
207	1928262.8414	6356231.5445	TOC BC									
(208)	1928262.8414	6356259.5445	RADIUS POINT, 28'R									
209	1928242.1756	6356240.0778	TOC EC/BC									
(210)	1928242.3338	6356240.2297	TOC EC									
(211)	1928231.0981	6356239.7248	TOC BC									
212	1928230.6256	6356239.1989	TOC EC									



CONTRACT NO. C02059 SHEET 4 OF 4

y and Striping I Site Plan

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FILE # 2018-0030