PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

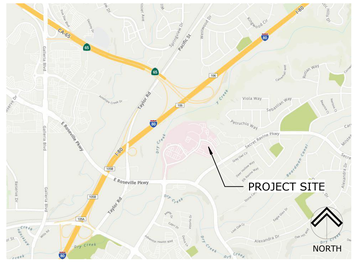
ABBREVIATIONS

#	POUND/NUMBER	CPT.	CARPET	FLUOR.	FLUORESCENT	MTL.	METAL	SMS.	SHEET METAL SCREW
&	AND	CTSK.	COUNTERSINK	FPRF.	FIREPROOF	MUL.	MULLION	SPEC.	SPECIFICATION
(E)	EXISTING			FT.	FOOT/FEET			SQ.	SQUARE
(N)	NEW	D.F.	DRINKING FOUNTAIN	FTG.	FOOTING	N.	NORTH	STA.	STATION
<	ANGLE	D.O.	DOOR OPENING	FURR.	FURRING	N.I.C.	NOT IN CONTRACT	STD.	STANDARD
@	AT	D.S.P.	DRY STANDPIPE	FUT.	FUTURE	N.T.S.	NOT TO SCALE	STL.	STEEL
C/L	CENTERLINE	DBL.	DOUBLE			NO.	NUMBER	STOR.	STORAGE
P/L	PLATE/PROPERTY LINE	DEPT.	DEPARTMENT	G.B.	GRAB BAR/GRADE BREAK	NOM.	NOMINAL	STRUC.	STRUCTURAL
ø/DIA.	DIAMETER/ROUND	DET.	DETAIL	G.F.R.G.	GLASS FIBER REINFORCED GYPSUM			SUSP.	SUSPENDED
		DIA.	DIAMETER	G.I.	GALVANIZED IRON	O.A.	OVERALL	SYM.	SYMMETRICAL
A.B.	AGGREGATE BASE	DIM.	DIMENSION	GA.	GAUGE	O.C.	ON CENTER		
A.C.	ASHPHALT CONCRETE	DISP.	DISPENSER	GALV.	GALVANIZED	O.D.	OUTSIDE DIAMETER/DIMENSION	T.	TREAD
A.D.	AREA DRAIN	DN.	DOWN	GL.	GLASS	O.H.	OVERHEAD	T.&B.	TOP AND BOTTOM
A.F.F.	ABOVE FINISHED FLOOR	DR.	DOOR	GND.	GROUND	O/	OVER	T.&G.	TONGUE AND GROOVE
ACOUS.	ACOUSTICAL	DS.	DOWNSPOUT	GR.	GRADE	OFF.	OFFICE	T.C.	TOP OF CURB
ADJ.	ADJUSTABLE	DWG.	DRAWING	GYP.	GYPSUM	OPNG.	OPENING	T.O.	TOP OF
AHU.	AIR HANDLING UNIT	DWR.	DRAWER			OPP.	OPPOSITE	T.O.F.	TOP OF FRAMING
ALUM.	ALUMINUM			H.B.	HOSE BIBB			T.O.S.	TOP OF STEEL
APPROX.	APPROXIMATE	E.	EACH	H.C.	HOLLOW CORE/ACCESSIBLE CURB RAMP	P.C.	PRECAST	T.S.	TUBE STEEL
ARCH.	ARCHITECTURAL	E.J.	EXPANSION JOINT	H.G.	HARDWARE GROUP	P.I.V.	POST INDICATOR VALVE	T.V.	TELEVISION
ASB.	ASBESTOS	E.P.	ELECTRICAL PANELBOARD	H.M.	HOLLOW METAL	P.M.	PRESSED METAL	T.W.	TOP OF WALL
AUTO.	AUTOMATIC	E.W.C.	ELECTRIC WATER COOLER	HDWD.	HARDWOOD	P.O.C.	POINT OF CONNECTION	TEL.	TELEPHONE
		EA.	EACH	HDWE.	HARDWARE	P.T.	PRESSURE TREATED	TER.	TERAZZO
B.D.F.	BUILDING DISTRIBUTION FACILITY	EL.	ELEVATION	HORIZ.	HORIZONTAL	PL.	PLATE	THK.	THICK
B.F.P.	BACK FLOW PREVENTER	ELEC.	ELECTRICAL	HR.	HOUR	PLAS.	PLASTER/PLASTIC	TYP.	TYPICAL
BD.	BOARD	ELEV.	ELEVATION	HSS.	HOLLOW STEEL SECTION	PLYWD.	PLYWOOD		
BIT.	BITUMINOUS	EMER.	EMERGENCY	HT.	HEIGHT	PR.	PAIR	U.O.N.	UNLESS OTHERWISE NOTED
BLDG.	BUILDING	ENCL.	ENCLOSURE			PT.	POINT	UR.	URINAL
BLK.	BLOCK	EQ.	EQUAL	I.D.	INSIDE DIAMETER/DIMENSION	PTN.	PARTITION		
BLKG.	BLOCKING	EQUIP.	EQUIPMENT	I.D.F.	INTERMEDIATE DISTRIBUTION FACILITY	Q.T.	QUARRY TILE	VCT.	VINYL COMPOSITION TILE
BM.	BEAM	EXIST.	EXISTING	INSUL.	INSULATION	R.	RISER/RADIUS	VERT.	VERTICAL
BTM.	BOTTOM	EXP.	EXPANSION	INT.	INTERIOR	R.D.	ROOF DRAIN	VEST.	VESTIBULE
BW.	BACK OF WALK	EXT.	EXTERIOR			R.O.	ROUGH OPENING	VF	VENDOR FURNISHED
				JAN.	JANITOR	R.W.L.	RAIN WATER LEADER	VI	VENDOR INSTALLED
C.B.	CATCH BASIN	F.A.	FIRE ALARM	JT.	JOINT	REF.	REFRIGERATOR	W.	WEST
C.G.	CORNER GUARD	F.A.A.N.	FIRE ALARM REMOTE ANNUNCIATOR			REG.	REGISTER	W.C.	WATER CLOSET
C.I.	CAST IRON	F.B.	FLAT BAR	KIT.	KITCHEN	REINF.	REINFORCED	W/	WITH
C.I.D.	CLEAR INSIDE DIMENSION	F.D.	FLOOR DRAIN			REQD.	REQUIRED	W/O	WITHOUT
C.J.	CONTROL JOINT	F.D.C.	FIRE DEPARTMENT CONNECTION	LAB.	LABORATORY	RESIL.	RESILIENT	WD.	WOOD
C.L.	CENTERLINE	F.E.	FIRE EXTINGUISHER	LAM.	LAMINATE	RM.	ROOM	WP.	WATERPROOF/WORK POINT
C.M.U.	CONCRETE MASONRY UNIT	F.E.C.	FIRE EXTINGUISHER CABINET	LAV.	LAVATORY	RWD.	REDWOOD	WSCT.	WAINSCOT
C.O.	CASED OPENING/CLEAN OUT	F.F.	FINISH FLOOR	LKR.	LOCKER			WT.	WEIGHT
C/L	CENTERLINE	F.F.E.	FINISH FLOOR ELEVATION	LT.	LIGHT	S.	SOUTH		
CAB.	CABINET	F.H.	FIRE HYDRANT			S.C.	SOLID CORE	XFMR.	TRANSFORMER
CEM.	CEMENT	F.H.V.C.	FIRE HOSE VALVE CABINET	M.C.	MEDICINE CABINET	S.S.	STAINLESS STEEL		
CER.	CERAMIC	F.O.	FACE OF	M.O.	MASONRY OPENING	S.V.	SHEET VINYL		
CLG.	CEILING	F.O.C.	FACE OF CONCRETE/CURB	MAX.	MAXIMUM	SCHED.	SCHEDULE		
CLKG.	CAULKING	F.O.F.	FACE OF FINISH	MDF.	MEDIUM DENSITY FIBERBOARD	SECT.	SECTION		
CLO.	CLOSET	F.O.M.	FACE OF MASONRY	MECH.	MECHANICAL	SH.	SHELF		
CLR.	CLEAR	F.O.S.	FACE OF STUDS	MEMB.	MEMBRANE	SHT.	SHEET		
CNTR.	COUNTER	F.R.T.	FIRE RETARDANT TREATED	MFR.	MANUFACTURER	SHWR.	SHOWER		
COL.	COLUMN	F.S.	FULL SIZE	MH.	MANHOLE	SIM.	SIMILAR		
CONC.	CONCRETE	FDN.	FOUNDATION	MIN.	MINIMUM	SMH.	SEWER MANHOLE		
CONN.	CONNECTION	FIN.	FINISH	MIRR.	MIRROR				
CONSTR.	CONSTRUCTION	FL.	FLOW LINE	MISC.	MISCELLANEOUS				
CONT.	CONTINUOUS	FLASH.	FLASHING	MTD.	MOUNTED				
COORD.	COORDINATE	FLR.	FLOOR						
CORR.	CORRIDOR								

SYMBOLS

- GRID LINE TYPICAL
- WORK POINT, CONTROL POINT OR DATUM POINT
- ROOM NAME / ROOM NUMBER
- KEYNOTE TAG - CSI PREFIX — SEE NOTES ON SIDE OF SHEET
- DEMOLITION KEYNOTE TAG — SEE NOTES ON SIDE OF SHEET
- DOOR TAG — SEE DOOR SCHEDULE SHEET
- WINDOW TAG — SEE WINDOW SCHEDULE SHEET
- EQUIPMENT DESIGNATION — SEE EQUIPMENT SCHEDULE SHEET
- ACCESSORIES DESIGNATION — SEE EQUIPMENT SCHEDULE SHEET
- MILLWORK TYPE TAG — WI NUMBER, HEIGHT, DEPTH, WIDTH
- FINISH MATERIAL TAG
- FINISH MATERIAL TAG (CEILING)
- FINISH MATERIAL TAG (FLOOR)
- SIGNAGE TYPE TAG — SIGN NO., SIGN TYPE
- WALL TYPE TAG — SEE DETAILS
- REVISION TAG
- DETAIL TAG — REFERENCE NO., SHEET NO. — SEE SHEET INDICATED
- INTERIOR ELEVATION TAG — REFERENCE NO., SHEET NO. — SEE SHEET INDICATED
- SECTION CUT/EXTERIOR ELEVATION TAG — REFERENCE NO., SHEET NO. — SEE SHEET INDICATED

VICINITY MAP



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PROJECT SUMMARY

PROJECT LOCATION: 12 MEDICAL PLAZA, ROSEVILLE, CA 95661

PROJECT DESCRIPTION:

EXPANSION OF EXISTING PARKING GARAGE ON AN EXISTING MEDICAL CENTER CAMPUS. EXISTING GARAGE IS 5 LEVELS AND THE PROPOSED EXPANSION WILL BE 6 LEVELS. THE GARAGE WILL BE LOCATED IMMEDIATELY TO THE EAST OF THE EXISTING GARAGE AND DIRECTLY NORTH OF AN EXISTING MEDICAL OFFICE BUILDING. THE EXPANSION WILL HAVE ONE ADDITIONAL ENTRY INTO THE GARAGE AT THE EAST WHILE STILL UTILIZING THE EXISTING GARAGE ENTRIES FROM THE NORTH AND WEST. SITE IMPROVEMENTS ARE INCLUDED IN THE SCOPE OF WORK AS WELL AS MECHANICAL, PLUMBING, AND ELECTRICAL UTILITIES.

TYPE OF CONSTRUCTION: TYPE IIB

OCCUPANCY: 'S-2' OCCUPANCY, WITH ADDITIONAL REQUIREMENTS LISTED IN CBC SECTION 406

BUILDING AREA:	EXISTING	NEW EXPANSION	TOTAL
LEVEL 01	33,295 SF	33,031 SF	66,326 SF
LEVEL 02	34,245 SF	32,640 SF	66,885 SF
LEVEL 03	34,245 SF	33,035 SF	67,280 SF
LEVEL 04	34,245 SF	33,035 SF	67,280 SF
LEVEL 05	31,498 SF	28,196 SF	59,694 SF
LEVEL 06	-	32,020 SF	32,020 SF
TOTAL	167,528 SF	191,957 SF	359,485 SF

ALL WORK SHALL CONFORM TO THE FOLLOWING CODES:

2019	CBC	CALIFORNIA BUILDING CODE WITH CITY OF ROSEVILLE AMENDMENTS
2019	CEC	CALIFORNIA ELECTRIC CODE WITH CITY OF ROSEVILLE AMENDMENTS
2019	CMC	CALIFORNIA MECHANICAL CODE
2019	CPC	CALIFORNIA PLUMBING CODE
2019		CALIFORNIA ENERGY CODE
2019	CFC	CALIFORNIA FIRE CODE WITH CITY OF ROSEVILLE AMENDMENTS
2019		CALIFORNIA GREEN BUILDING STANDARDS CODE
2019	NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2020	NFPA 25	CALIFORNIA EDITION - STANDARD OF WATER BASED FIRE PROTECTION SYSTEMS
2019	NFPA 72	NATIONAL FIRE ALARM SIGNALING CODE, AS AMENDED BY THE STATE OF CALIFORNIA

CFC SECTION 503 FIRE APPARATUS ACCESS ROAD:

PER CFC 503.1.1, EXCEPTION 1, THE FIRE CODE OFFICIAL IS AUTHORIZED TO INCREASE THE DIMENSION OF 150 FEET WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.1.1, 903.3.1.2, OR 903.3.1.3.

BICYCLE PARKING CALCULATIONS

CALIFORNIA GREEN BUILDING STANDARDS CODE
5.106.4 BICYCLE PARKING

PARKING SPACES PROVIDED AT GARAGE EXPANSION: 463
PARKING SPACES REQUIRED FOR MOB 10: 332
463 - 332 = 131 PARKING SPACES NOT NEEDED FOR MOB 10

SHORT-TERM: 5% OF PARKING SPACES WITHIN 200 FEET OF VISITORS' ENTRANCE, READILY VISIBLE TO PASSERS-BY, WITH A MINIMUM OF ONE TWO-BIKE CAPACITY RACK.
5% OF 332 = 17 SHORT-TERM BICYCLE SPACES AT MOB 10
5% OF 131 = 7 SHORT-TERM BICYCLE SPACES AT PARKING GARAGE

LONG-TERM: 5% OF PARKING SPACES WITH A MINIMUM OF ONE BICYCLE PARKING FACILITY.
5% OF 463 = 24 LONG-TERM BICYCLE SPACES AT PARKING GARAGE.

VEHICLE PARKING CALCULATIONS

TOTAL PARKING COUNT

LEVEL	EXISTING GARAGE	EXPANSION	TOTAL
LEVEL 01	97	89	186
LEVEL 02	94	96	190
LEVEL 03	96	101	197
LEVEL 04	100	101	201
LEVEL 05	90	80	170
LEVEL 06	-	84	84
TOTAL	**477**	**551**	**1,028**

PARKING STALLS NEEDED IN THE GARAGE
[PER 2022 FEHR & PEERS TRAFFIC STUDY - 3.31 SPACES PER 1000 SF]
- TOTAL STALLS REQUIRED FOR MOB 10 (100,000 SF) = 332
- TOTAL SURFACE STALLS PROVIDED AT MOB 10 (PHASE 2) = - 8
- TOTAL STALLS REQUIRED IN PARKING GARAGE EXPANSION = **324**

PARKING STALLS PROVIDED IN THE GARAGE
- PARKING GARAGE EXPANSION COUNT = 551
- SURFACE STALLS LOST TO GARAGE EXPANSION = - 93
- SURFACE STALLS DISPLACED BY MOB 10 = - 90
- EXISTING GARAGE STALLS DISPLACED BY EXPANSION = - 14
- NET GAIN OF PARKING STALLS = **345**

PARKING COUNT - BY STALL TYPE

EXISTING GARAGE

LEVEL	STANDARD	COMPACT	CLEAN AIR/ CARPOOL/EV	CLEAN AIR	ACCESSIBLE
LEVEL 01	43	51	1	0	2
LEVEL 02	59	35	0	0	0
LEVEL 03	57	39	0	0	0
LEVEL 04	56	43	0	0	1
LEVEL 05	53	34	0	0	3
TOTAL	**268**	**202**	**1**	**0**	**6**

EXISTING SURFACE LOT -TO BE REMOVED

LEVEL	STANDARD	COMPACT	CLEAN AIR/ CARPOOL/EV	CLEAN AIR	ACCESSIBLE	TOTAL
LEVEL 01	41	29	1	0	22	93

EXPANSION

LEVEL	STANDARD	COMPACT	CLEAN AIR/ CARPOOL/EV	CLEAN AIR	ACCESSIBLE
LEVEL 01	11	13	34	11	20
LEVEL 02	52	12	28	0	4
LEVEL 03	52	43	0	0	6
LEVEL 04	51	43	1	0	6
LEVEL 05	39	34	1	0	6
LEVEL 06	47	37	0	0	0
TOTAL	**252**	**182**	**64**	**11**	**42**

ACCESSIBLE STALL COUNT - BY STALL TYPE

EXISTING GARAGE

LEVEL	STANDARD	VAN	EV - STANDARD	EV - VAN	EV - AMBULATORY
LEVEL 01	0	1	1	0	0
LEVEL 02	0	0	0	0	0
LEVEL 03	0	0	0	0	0
LEVEL 04	1	0	0	0	0
LEVEL 05	2	1	0	0	0
TOTAL	**5**	**2**	**1**	**0**	**0**

EXPANSION

LEVEL	STANDARD	VAN	EV - STANDARD	EV - VAN	EV - AMBULATORY
LEVEL 01	17	3	3	1	2
LEVEL 02	3	1	0	0	0
LEVEL 03	5	1	0	0	0
LEVEL 04	6	1	0	0	1
LEVEL 05	7	2	0	0	1
LEVEL 06	0	0	0	0	0
TOTAL	**38**	**9**	**4**	**1**	**4**

SHEET INDEX

Dreyfuss+Blackford architecture

CITY APPROVAL STAMP

City of Roseville Approval

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT/ENGINEER

REVISION	BY	DATE

SUTTER HEALTH

PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

COVER SHEET

C1009.00
AS SHOWN
03/28/2022

PG0.00

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GENERAL NOTES

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE CITY OF ROSEVILLE STANDARD SPECIFICATIONS AND PLANS, LATEST EDITION, AND ALL AMENDMENTS THERE TO-DATE.
2. FOR ELEVATIONS REFER TO BENCHMARK REFERENCED ON SHEET C2.01.
3. PRIOR TO AND DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THE CURRENT CITY OF ROSEVILLE STANDARDS AND ALL UPDATES AND REVISIONS MADE TO ANY OF THE CITY OF ROSEVILLE STANDARD DETAILS SHOWN ON THESE PLANS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR BEING FAMILIAR WITH THE WRITTEN SPECIFICATIONS AND/OR OTHER STANDARD DETAILS NOT SHOWN BUT WHICH ARE INCLUDED IN THE "CITY OF ROSEVILLE STANDARD SPECIFICATIONS AND PLANS".
4. DRAWING NUMBERS SHOWN ON THE PLANS REFER TO CITY OF ROSEVILLE STANDARD PLANS, SHOWN THUS: C.O.R. DETAIL NO.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS EXPENSE.
6. ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH CITY OF ROSEVILLE STANDARD SPECIFICATIONS.
7. EXCAVATION OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
8. THE CONTRACTOR SHALL DEMOLISH, EXCAVATE, REMOVE AND DISPOSE OF ALL EXISTING CONCRETE CURB, GUTTER OR SIDEWALK, ASPHALT CONCRETE PAVING, AND DELETERIOUS MATERIAL AS REQUIRED TO CONSTRUCT THE CONTRACT WORK. ALL SUCH EXCESS MATERIAL GENERATED SHALL BE DISPOSED OF FROM THE SITE BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK DONE WITHIN THE CITY RIGHT-OF-WAY FROM THE CITY OF ROSEVILLE PUBLIC WORKS DEPARTMENT, AND NOTIFY THE CITY 48 HOURS IN ADVANCE OF STARTING ANY WORK TO BE ACCEPTED FOR OWNERSHIP AND MAINTENANCE BY THE CITY OF ROSEVILLE.
10. EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES.
11. ATTENTION IS CALLED TO: SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:

    "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."
12. THE CONTRACTOR SHALL CONTACT THE CITY OF ROSEVILLE AT LEAST 72 HOURS IN ADVANCE OF THE CONTRACTOR'S INTENT TO CONNECT TO PUBLIC UTILITIES TO COORDINATE THE CONNECTION TO PUBLIC WATER, SEWER AND STORM DRAINAGE SYSTEMS.
13. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800-227-2600).
14. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES AND VERIFY ALL UTILITY LOCATIONS. IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICES TO THE DEVELOPMENT.
15. WHENEVER EXISTING PAVEMENT IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE PLANS AND SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER IF LOCATED WITHIN CITY RIGHT-OF-WAY.
16. PAYMENT FOR PAVEMENT WILL BE MADE FOR THE AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE IMPROVEMENTS COVERED BY THESE PLANS AND SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE STREET CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
17. THE CONTRACTOR SHALL EXPOSE EXISTING STORM DRAINS, WATER MAINS, AND SANITARY SEWERS WHERE CONNECTIONS AND CROSSINGS ARE TO BE MADE SO EXISTING FLOWLINES AND LOCATIONS CAN BE VERIFIED BEFORE THE START OF CONSTRUCTION.
18. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
19. CONSTRUCTION STAKING: CONSTRUCTION STAKING IS NORMALLY PERFORMED BY THE ENGINEER WHO PREPARED THE PLAN. THIS PERMITS APPROPRIATE ON-SITE INTERPRETATION AND ADJUSTMENT OF THE PLANS, IF NECESSARY. CONTRACTOR SHALL NOTIFY THE ENGINEER FORTY-EIGHT (48) HOURS PRIOR TO THE ACTUAL NEED FOR STAKING. ANY STAKING REQUESTED BY THE CONTRACTOR OR HIS SUBCONTRACTORS WHICH EXTENDS BEYOND THE ORIGINAL SCOPE OF WORK DEFINED IN THESE PLANS SHALL BE SUBJECT TO AN EXTRA WORK CHARGE TO THE CONTRACTOR. THIS NOTE GIVES FORMAL NOTICE THAT THE FIRM OF SIEGFRIED ENGINEERING, INC. CANNOT, AND WILL NOT, TAKE RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED OR DETECTED AND/OR CORRECTED OR MITIGATED HAD SIEGFRIED ENGINEERING, INC. PERFORMED THE CONTRACT STAKING WORK.
20. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF ROSEVILLE FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY OF ROSEVILLE FIRE DEPARTMENT.
21. THE PROPERTY OWNERS, DEVELOPERS, AND/OR SUCCESSORS IN INTEREST SHALL COMPLY WITH THE PROVISIONS OF THE CALIFORNIA GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT AND STATE WATER RESOURCES CONTROL BOARD ORDER NUMBER 99-08-DWQ COMPLIANCE IS MANDATORY PER THE CITY OF ROSEVILLE'S GRADING AND EROSION CONTROL STANDARDS.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT AND A GRADING AND EROSION CONTROL PERMIT PRIOR TO STARTING ANY WORK, UNLESS OTHERWISE APPROVED BY THE CITY.
23. DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, AT THE CONTRACTORS' EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF ROSEVILLE.
24. THE CONTRACTOR SHALL FURNISH, INSTALL OPERATE AND MAINTAIN ALL MACHINERY, APPLIANCES AND EQUIPMENT TO MAINTAIN ALL EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION, AND SHALL DEWATER AND DISPOSE OF THE WATER SO AS TO NOT CAUSE INJURY TO PUBLIC OR PRIVATE PROPERTY, OR TO CAUSE A NUISANCE OR MENACE TO THE PUBLIC. THE DEWATERING SYSTEM SHALL BE INSTALLED AND OPERATED SO THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT WHICH WOULD CAUSE DAMAGE OR ENDANGER ADJACENT STRUCTURES OR PROPERTY. ALL COSTS FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ALL PIPE CONSTRUCTION. THE STATIC WATER LEVEL SHALL BE DRAWN DOWN A MINIMUM OF 1 FOOT BELOW THE BOTTOM OF EXCAVATION OF ANY FILL TO THE SPECIFIED DENSITY. DISPOSAL OF WATER SHALL BE IN ACCORDANCE WITH THE APPROVED SWPPP AND SHALL NOT DAMAGE PROPERTY, CREATE A PUBLIC NUISANCE OR VIOLATE THE LAW. THE CONTRACTOR SHALL HAVE ON HAND, PUMPING EQUIPMENT AND MACHINERY IN GOOD WORKING CONDITION FOR EMERGENCIES AND SHALL HAVE WORKMEN AVAILABLE FOR ITS OPERATION. THE DEWATERING SYSTEM SHALL OPERATE CONTINUOUSLY UNTIL BACK-FILL HAS BEEN COMPLETED TO 1 FOOT ABOVE THE NORMAL STATIC GROUNDWATER LEVEL.
25. SITE PREPARATION SHALL INCLUDE STRIPPING AND REMOVAL OF ALL VEGETATION AND ANY DEBRIS FROM THE CONSTRUCTION AREAS. THE DEPTH OF STRIPPING ONSITE SHALL BE EVALUATED BY THE OWNER'S SOILS ENGINEER.
26. ANY VOIDS LEFT BY THE REMOVAL OF UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS SHALL BE CLEANED OF ALL LOOSE SOILS AND SHALL BE PROPERLY BACKFILLED WITH ENGINEERED FILLED THAT THE OWNER'S SOIL ENGINEER APPROVES, MONITORS, TESTS, AND APPROVES.
27. THE SUBGRADE SOILS BENEATH ALL PAVING AREAS SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE DRY DENSITY WHICH THE OWNER'S SOIL ENGINEER SPECIFIES.
28. ANY SOFT OF LOOSE SOIL POCKETS FOUND ONSITE DURING THE STRIPPING OR RECOMPACTION PROCESS, THEY SHALL BE OVER EXCAVATED AND RECOMPACTED.
29. ENGINEERED FILL SHALL BE PLACED IN HORIZONTAL LAYERS A MAXIMUM OF 8 INCHES IN LOOSE THICKNESS AND BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY THE OWNER'S SOIL ENGINEER.
30. SUBGRADE SOILS UNDER EXTERIOR CONCRETE SHALL BE MOISTURE CONDITIONED AS APPROVED, TESTED AND INSPECTED BY THE OWNER'S SOIL ENGINEER.
31. CONTRACTOR SHALL MAINTAIN MOISTURE CONDITION RIGHT UP TO POURING OF CONCRETE.

GRADING NOTES

1. GRADING AND LAND STABILIZATION SHALL INCLUDE EXCAVATION AND FILL OF STREETS IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOILS ENGINEER AND UNDER THE DIRECTION, SUPERVISION, MONITORING, TESTING AND APPROVAL OF THE OWNER AND OWNER'S SOILS ENGINEER.
2. GRADING AND LAND STABILIZATION SHALL INCLUDE COST OF DEWATERING; REMOVING FROM THE SITE ALL STRIPPED VEGETATION, DEBRIS, STRUCTURES, POWER POLES, EXISTING PAVEMENT, BUILDINGS, TREES, AND OTHER DELETERIOUS MATERIALS.
3. STOCKPILES OF EXISTING DELETERIOUS MATERIAL SHALL BE DISPOSED OF UNDER THE DIRECTION AND SUPERVISION OF THE OWNER AND OWNER'S SOILS ENGINEER.
4. ALL IMPORTED FILL SHALL BE APPROVED BY THE SOILS ENGINEER.
5. TOPOGRAPHICAL INFORMATION SHOWN REFLECTS A TOPOGRAPHY SURVEY PERFORMED BY SIEGFRIED ENGINEERING AND RECORD INFORMATION, CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
6. ANY AND ALL SEDIMENT AND/OR EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TO BE CONSIDERED AS "REFERENCE DETAILS" ONLY AND THE CITY'S APPROVAL OF THESE PLANS AND "REFERENCE DETAILS" DOES NOT RELIEVE THE OWNER/DEVELOPER FROM COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AS APPROVED BY THE CITY'S STORM WATER DIVISION.

UTILITY NOTES

WATER

1. ALL WATER LINES SHALL BE PRESSURE-TESTED, DISINFECTED, FLUSHED, AND TESTED FOR BACTERIA IN CONFORMANCE WITH THE CITY OF ROSEVILLE SPECIFICATIONS PRIOR TO FINAL ACCEPTANCE BY THE CITY.
2. ALL WATER SERVICES SHALL BE 1" MINIMUM. WATER SERVICE SHALL BE CONNECTED TO WATER MAINS WITH TWO-STRAP BRONZE SADDLES. CITY SHALL MAKE ALL TAPS ON EXISTING WATER MAINS ONLY.
3. ALL VALVES, TEES AND CROSSES TO BE FLANGED TO THEIR RESPECTIVE FITTINGS. WATER VALVES TO BE RESILIENT SEAT ONLY.
4. WATER LINES, VALVES, BACKFLOW PREVENTER DEVICES, FIRE HYDRANTS, ETC. SHALL BE IN ACCORDANCE WITH CITY OF ROSEVILLE STANDARDS.
5. ALL VALVE STEMS MUST BE BROUGHT TO A MINIMUM OF 4' BELOW FINISH GRADE WITH STEM EXTENSION UNITS.
6. THRUST BLOCKS SHALL BE PROVIDED AT ALL REQUIRED LOCATIONS ON WATER LINE IN ACCORDANCE WITH THE CITY OF ROSEVILLE SPECIFICATIONS AND DETAILS.

STORM DRAIN

1. STORM DRAIN PIPE SIZES SHALL NOT BE CHANGED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND THE DESIGN ENGINEER.
2. STORM DRAIN PIPE ALTERNATIVES:
    a. PRECAST REINFORCED CONCRETE PIPE (RCP), PER CITY OF ROSEVILLE STANDARD
    b. HIGH DENSITY POLYETHYLENE PIPE (HDPE), PER CITY OF ROSEVILLE STANDARD
    c. POLYVINYL CHLORIDE PIPE (PVC), PER CITY OF ROSEVILLE STANDARD
    d. STEEL REINFORCED HIGH DENSITY POLYETHYLENE PIPE (SRHDPE), PER CITY OF ROSEVILLE STANDARD
    e. CAST-IN-PLACE CONCRETE PIPE, PER CITY OF ROSEVILLE STANDARD
3. CATCH BASINS TO BE CONSTRUCTED PER CITY STANDARD DETAILS.
4. ALL CONSTRUCTION SITE ACTIVITIES, REGARDLESS OF PROJECT SIZE, SHALL CONFORM TO CHAPTER 16 OF THESE STANDARDS. PROJECTS GREATER THAN ONE (1) ACRE SHALL ALSO CONFORM TO THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT.

SANITARY SEWER

1. SANITARY SEWER MANHOLES AND PIPE SHALL BE IN ACCORDANCE WITH CITY OF ROSEVILLE STANDARDS.

ABBREVIATION / DESCRIPTION

ABBREVIATION	DESCRIPTION
@	AT
AB	AGGREGATE BASE
ABS	ACRYLONITRILE-BUTADIENE-STYRENE
AC	ASPHALT CONCRETE
BCR	BEGINNING OF CURB RETURN
BO	BLOWOFF
BOC	BACK OF CURB
BOW	BACK OF WALK
C & G	CURB AND GUTTER
C,G, & SW	CURB, GUTTER, AND SIDEWALK
CL	CENTERLINE
CB	CATCH BASIN
CJ	CONSTRUCTION JOINT
CO	CLEANOUT
COR	CITY OF ROSEVILLE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
EBOW	EXISTING BACK OF WALK
ECR	END OF CURB RETURN
EL	ELEVATION
EG	EXISTING GROUND
EP	EDGE OF PAVEMENT, EXISTING PAVEMENT
ESMT	EASEMENT
EX.	EXISTING
FL	FLOWLINE
FH	FIRE HYDRANT
FOC	FACE OF CURB
FT.	FEET
G	GROUND
GB	GRADE BREAK
HP	HIGH POINT
ID	INSIDE DIAMETER
IN.	INCH
LF	LINEAL FEET
LH	LAMP HOLE
LP	LOW POINT
LT	LEFT
LTS	LIME TREATED SUB-BASE
MAX	MAXIMUM
MH	MAINTENANCE HOLE
MIN	MINIMUM
NO.	NUMBER
NRCP	NON-REINFORCED CONCRETE PIPE
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
P	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
POT	POINT OF TANGENCY
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PT	POINT
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
PL	PROPERTY LINE
R	RADIAL OR RADIUS
R/W	RIGHT-OF-WAY
RC	ROLL-CURB
RCP	REINFORCED CONCRETE PIPE
RP	RADIUS POINT
RT	RIGHT
SD	STORM DRAIN
SS	SANITARY SEWER
SL	STREET LIGHT
SW	SIDEWALK
SDMH	STORM DRAIN MAINTENANCE HOLE
SHT	SHEET
SSMH	SANITARY SEWER MAINTENANCE HOLE
STA	STATION
STD	STANDARD
TC	TOP OF CURB
TOW	TOP OF WALL
THRU	THROUGH
TI	TRAFFIC INDEX
TYP	TYPICAL
VERT	VERTICAL
W	WATER
WP	WEAKENED PLANE
(W)	WEST
(E)	EAST
(S)	SOUTH
(N)	NORTH
±	PLUS OR MINUS

LEGEND

EXISTING		PROPOSED
100	CONTOUR MAJOR	100
95	CONTOUR MINOR	95
11.93EC	CONCRETE ELEVATION	11.93C
11.93ETC / 11.43EP	TOP OF CURB ELEVATION / PAVEMENT ELEVATION	11.93TC / 11.43P
12.05EP	PAVEMENT ELEVATION	12.05P
11.93ETC / 11.43EFL	TOP OF CURB ELEVATION / FLOW LINE ELEVATION	11.93TC / 11.43FL
12.05EFL	FLOWLINE ELEVATION	12.05FL
12.05EFG	FINISHED GRADE ELEVATION	12.05FG
	PROPERTY & R/W LINE	
	EASEMENT LINE	
8"SS	SANITARY SEWER LINE	8"SS
8"SD	STORM DRAIN LINE	8"SD
12"W	WATER LINE	12"W
6"FS	FIRE SERVICE LINE	6"FS
	AREA DRAIN	
	DRAIN INLET	
	CATCH BASIN	
	CONCRETE WALK	
	6" VERTICAL CURB	
	GATE VALVE	
	SITE LIGHT	
	FIRE HYDRANT	
	UTILITY POLE	
	ANCHOR GUY	
	SIGN	
B	BOLLARD	
	TREE	
BFP	BACKFLOW PREVENTER	BFP
	FIRE DEPARTMENT CONNECTION	
E E	ELECTRICAL BOX	E E
W	WATER METER	W
	MAINTENANCE HOLE PER COR STD DETAIL NO. DR-4	
TSB T	TRAFFIC SIGNAL BOX/VAULT	TSB T
C	CABLE BOX	C
	TRUNCATED DOMES PER ARCHITECTURAL PLAN DETAILS	

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REVISION	BY	DATE

SUTTER HEALTH

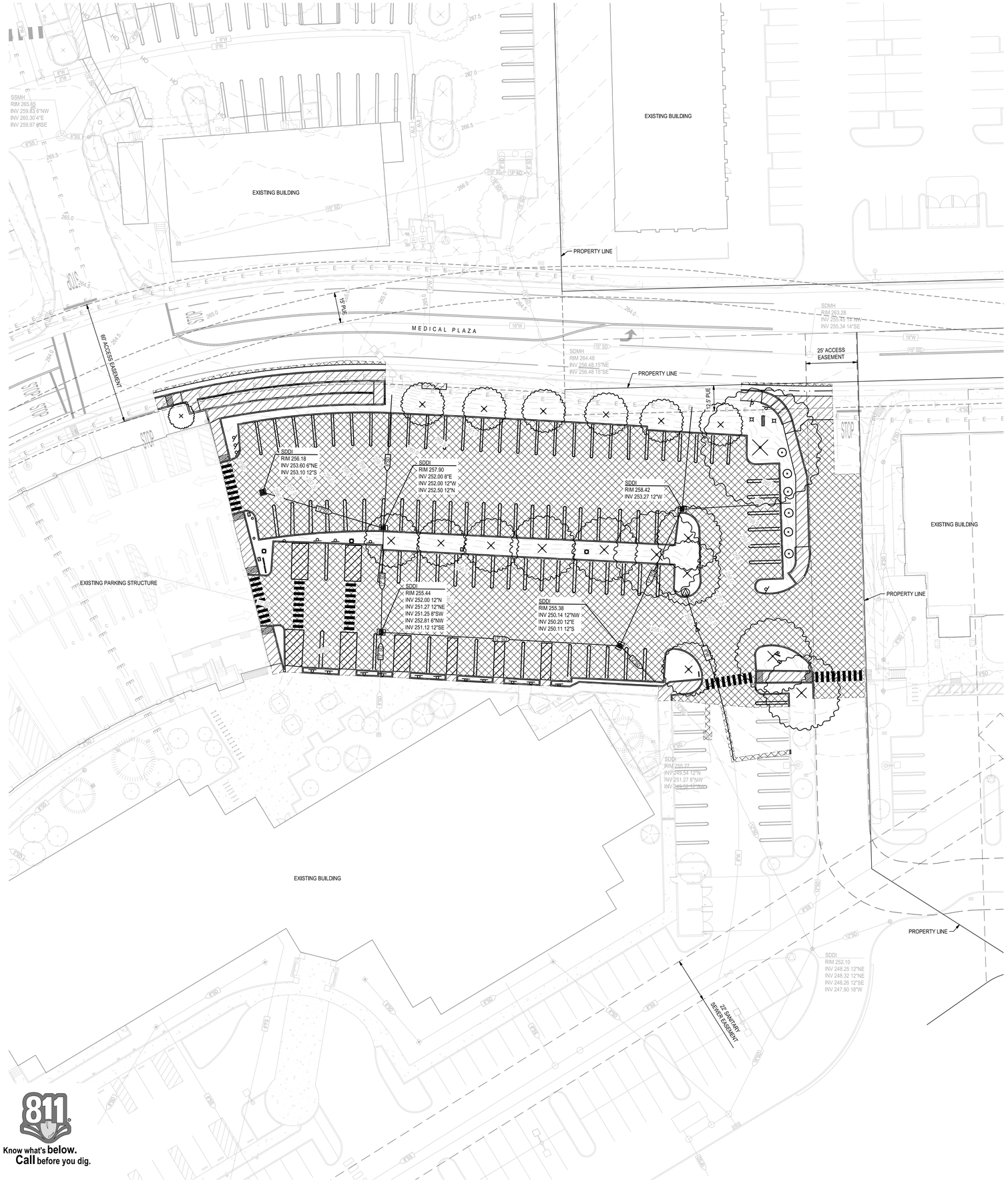
PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

GENERAL NOTES

C1009.00
AS SHOWN
3/28/2022

CG1.01



DEMOLITION LEGEND:

- CLEAR AND GRUB EXISTING UNDEVELOPED AREAS, REMOVAL DEPTH SHALL ACCOMMODATE DEPTH OF PROPOSED IMPROVEMENTS.
- REMOVE AND DISPOSE OF EXISTING CONCRETE, REMOVAL DEPTH SHALL ACCOMMODATE DEPTH OF PROPOSED IMPROVEMENTS.
- REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT, REMOVAL DEPTH SHALL ACCOMMODATE DEPTH OF PROPOSED IMPROVEMENTS.
- EXISTING CONCRETE TO REMAIN

DEMOLITION NOTES:

1. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL HAVE THE EXISTING DRY UTILITIES POT HOLED FOR VERIFICATION OF LOCATION AND DEPTH. AT SUCH TIME, POT HOLE DATA SHALL BE PROVIDED TO THE ENGINEER FOR DETERMINATION OF ADEQUATE CLEARANCE AND SEPARATION.
2. ALL EXCAVATIONS SPOILS, INCLUDING, BUT NOT LIMITED TO CONCRETE AND PAVEMENT EXCAVATION, SHALL BE EXPORTED AND DISPOSED OF BY THE CONTRACTOR.
3. EXISTING STRUCTURES, CONCRETE, PAVEMENT, FENCES, CURBS, UTILITY BOXES, LIGHTS, GATES, ETC. NOT CALLED OUT IN PLANS TO BE REMOVED OR TO REMAIN SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR TO PROVIDE TREE PROTECTION AS NECESSARY DURING CONSTRUCTION TO PRESERVE EXISTING TREES. TREES NOT IDENTIFIED AS TO BE REMOVED OR TO REMAIN ARE ASSUMED TO REMAIN.

0' 10' 20' 40'
SCALE: 1"=20'

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PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

TOPOGRAPHY & DEMOLITION PLAN

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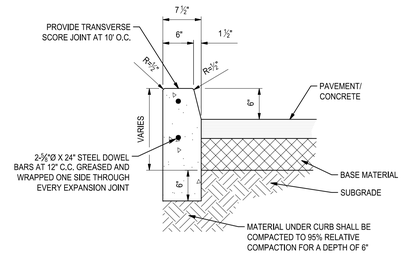
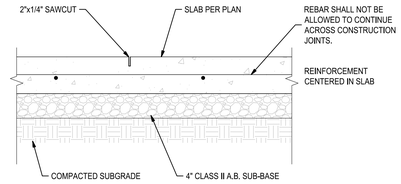
PAVING LEGEND:

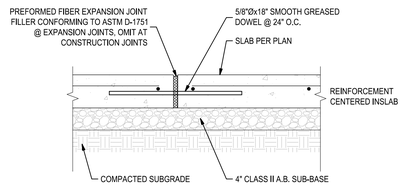
- CONCRETE
- ASPHALT PAVEMENT
- TRUNCATED DOMES
  TRUNCATED DOMES COMPLYING WITH CBC 11B-705.
- EXISTING CONCRETE
  CONCRETE TO REMAIN



1 6" VERTICAL CONCRETE CURB
NOT TO SCALE



2 WEAKEND PLANE JOINT
NOT TO SCALE



3 CONSTRUCTION JOINT
NOT TO SCALE

GENERAL PAVING AND DIMENSIONING NOTES:

ALL MATERIAL AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THE PROJECT SHALL CONFORM TO ALL APPLICABLE CITY OF ROSEVILLE STANDARD SPECIFICATIONS (LATEST EDITION).

1. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY QUESTION THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT, OR LIMITS OF DIMENSIONS NECESSARY FOR CONSTRUCTION OF THIS PROJECT.
2. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, CENTER OF PAINT STRIPING OR PERPENDICULAR TO THE PROPERTY LINE. CONTRACTOR SHALL VERIFY DIMENSIONS MATCH STRUCTURAL AND ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
3. ALL COORDINATE POINTS ARE AT FACE OF CURB OR RADIUS POINT. BUILDING CONTROL POINTS ARE AT THE OUTER MOST EDGE OF THE BUILDING ENVELOPE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITIONS, ANY DAMAGE DONE TO EXISTING UTILITIES, FENCE, PAVEMENT, CURBS, DRIVEWAYS OR SIDEWALKS TO REMAIN (NO SEPARATE PAY ITEM).
7. THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT, CURBS, AND SIDEWALKS AT NEW PAVEMENT, CURB AND SIDEWALK JUNCTURES. NO JAGGED OR IRREGULAR CUTS WILL BE ALLOWED OR ACCEPTED.
8. REFER TO SITE PAVING PLAN, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, IRRIGATION AND LANDSCAPING PLANS FOR ADDITIONAL INFORMATION.
9. SEE CIVIL DETAIL SHEET FOR APPLICABLE DETAILS.
10. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11. THE CONTRACTOR SHALL VERIFY ELEVATIONS AND LOCATIONS OF EXISTING FACILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
12. ALL PAINT SHALL BE 4" WIDE REFLECTIVE PAINT: WHITE ON ASPHALT PAVING AND WHITE ON TOP OF 6" WIDE BLACK STRIPE ON CONCRETE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
13. ALL PAVEMENT MARKINGS SHALL RECEIVE TWO COATS OF PAINT.
14. NO WORK SHALL BE PERFORMED IN A PUBLIC RIGHT-OF-WAY WITHOUT A PERMIT.
15. ALL SIGNS SHALL CONFORM TO MUTCD, LATEST EDITION.
16. ALL CONCRETE SIDEWALK SHALL BE 5' MIN. WIDTH UNLESS OTHERWISE SPECIFIED. SLOPED AT 1.25% TOWARDS CURB.
17. ALL CURBS ARE 6" HIGH UNLESS OTHERWISE NOTED.
18. FOR ACCESSIBLE PATH OF TRAVEL, SEE SHEET C4.0, OVERALL GRADING PLAN.

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SCALE: 1"=20'

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PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

PAVING & DIMENSIONING PLAN

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LEGEND

%	GRADE SLOPE PERCENTAGE
3.0	EXISTING GROUND CONTOUR
3.0	PROPOSED GROUND CONTOUR
G.B.	GRADE BREAK
RIDGE	RIDGE

GRADING LEGEND

ABBREVIATION	DESCRIPTION
BW	BACK OF WALK
BOW	BOTTOM OF WALL
C	CONCRETE
DG	DECOMPOSED GRANITE
EC	EXISTING CONCRETE
EFL	EXISTING FLOWLINE
EG	EXISTING GROUND
EL	ELEVATION
EP	EXISTING PAVEMENT
EX.	EXISTING
FF	FINISHED FLOOR ELEVATION
FG	FINISH GROUND
FP	FINISH PAD ELEVATION
FL	FLOWLINE
G	GROUND
GB	GRADE BREAK
HP	HIGH POINT
LB	LIGHT BASE
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
P	PAVEMENT
TC	TOP OF CURB
TOW	TOP OF WALL
TYP	TYPICAL

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SCALE: 1"=20'

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GRADING PLAN

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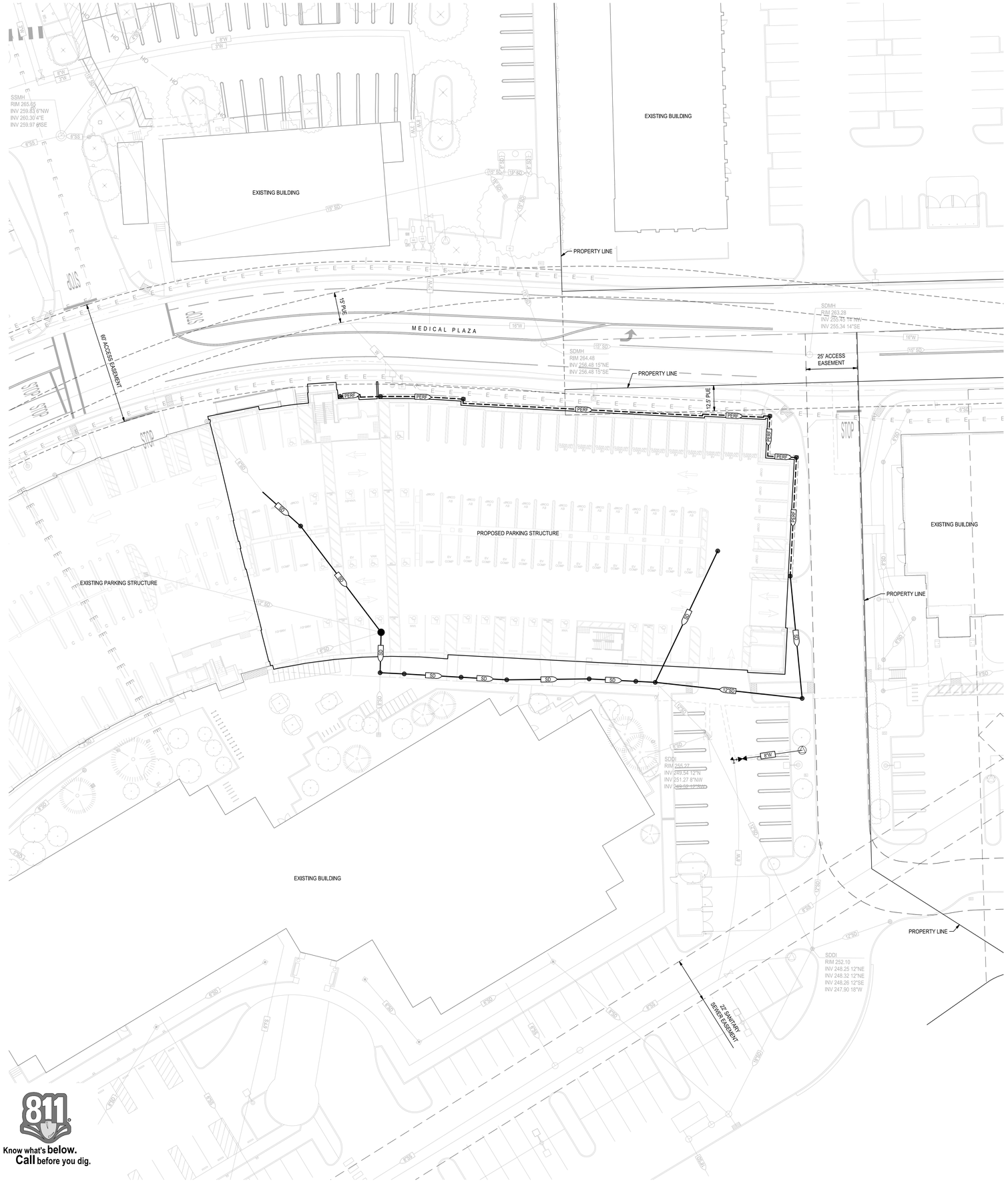
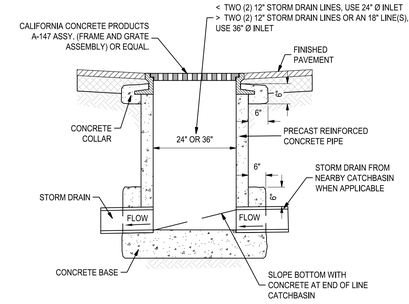
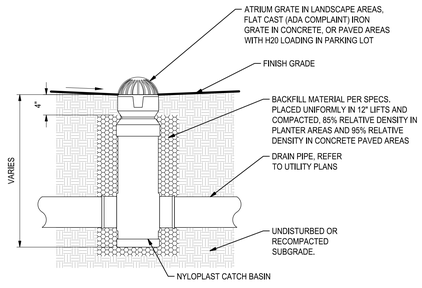


UTILITY LEGEND:

- PROPOSED MANHOLE
- PROPOSED DRAIN INLET
- SHUT OFF VALVE
- PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED FIRE HYDRANT
- PROPOSED BACKFLOW PREVENTION DEVICE
- EXISTING MANHOLE
- EXISTING UTILITY BOX/VAULT
- EXISTING STORM DRAIN CATCH BASIN
- EXISTING STORM DRAIN INLET
- PROPOSED SANITARY SEWER LINE
- PROPOSED STORM DRAIN PIPE
- PROPOSED WATER LINE
- PROPOSED FIRE SERVICE LINE
- PROPOSED FIRE HYDRANT LINE
- PROPOSED IRRIGATION LINE
- EXISTING STORM DRAIN PIPE
- EXISTING SANITARY SEWER PIPE
- EXISTING WATER LINE
- EXISTING OVERHEAD LINE
- EXISTING AT&T LINE
- EXISTING PG&E LINE



1 STORM DRAIN INLET
NOT TO SCALE



2 AREA DRAIN
NOT TO SCALE

UTILITY CONSTRUCTION NOTES:

1. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL CONFORM TO ALL APPLICABLE CITY OF ROSEVILLE STANDARD SPECIFICATIONS (LATEST EDITION) AND THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (LATEST EDITION).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS, TESTS, APPROVALS AND ACCEPTANCES REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT.
3. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE SYSTEMS WHETHER SHOWN ON PLANS OR NOT.
4. ALL UTILITIES SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION.
5. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CITY PUBLIC SERVICE MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
6. ALL SPOIL AND OTHER UNSUITABLE MATERIAL FROM THIS WORK SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR, AT HIS EXPENSE.
7. EXTREME CAUTION SHALL BE USED WHEN NEAR PG&E FACILITIES. EXACT DEPTH AND LOCATION OF PG&E GAS MAIN UNKNOWN
8. WATER SERVICES NOT USED SHALL BE REMOVED AT THE MAIN. CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMIT FROM CITY OF STOCKTON FOR THIS WORK.
9. PROVIDE AN 18 GAUGE (BLUE) TRACER WIRE WITH SITE PVC PIPING

EXISTING UTILITIES:

1. EXISTING UTILITY DATA SHOWN ON THIS LAYOUT WAS OBTAINED FROM A SURVEY OF THE VISIBLE FEATURES AT THE SITE AND PUBLIC RECORD MAPS OBTAINED FORM UTILITY COMPANIES.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WITHIN 48 HOURS PRIOR OF CONSTRUCTION TO LOCATE AND TAG THEIR UNDERGROUND FACILITIES PRIOR TO EXCAVATION.
3. THE CONTRACTOR NEEDS TO ALLOW FOR THE POSSIBILITY OF UNDETECTED UNDERGROUND UTILITIES. ALSO, THE CONTRACTOR MUST ALLOW FOR CHANGES DUE TO UTILITIES BEING IN LOCATIONS DIFFERENT FROM THOSE SHOWN ON THE UTILITY RECORD DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND EXPOSING CONFLICTS PRIOR TO CONSTRUCTION.
4. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS OF UTILITIES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY CONFLICTS IMMEDIATELY. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.

TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN / GEOTECHNICAL / SAFETY / EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS, AND / OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND / OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS, SPECIFICALLY, CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

0' 10' 20' 40'
SCALE: 1"=20'

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SUTTER HEALTH

PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

UTILITY PLAN

C1009.00
AS SHOWN
3/28/2022

CG5.01

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LIGHTING LEGEND

0.50 FT-CDL COVERAGE AREA

0.50 FT-CDL CONTOUR

PARKING LOT LIGHTING
KIM LIGHTING VL SERIES VLA29W5 750W HPS 480V FIXTURES ON A 30 POLE WITH A 2 FOOT CONCRETE BASE. CUT OFF SHIELD WILL BE UTILIZED AS REQUIRED TO PREVENT SPILL OVER LIGHTING.

EXISTING PROPOSED

KIM LIGHTING - CURVILINER VL SERIES LIGHT FIXTURES

0' 10' 20' 40'
SCALE: 1"=20'

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2/8/2022 3:10:00 PM f:\21projects\21052 roseville sutter mob\plans and graphics\entitlements\parking garage expansion\21052-PS2-CG5.02 PHOTOMETRICS PLAN.dwg

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PHOTOMETRICS PLAN

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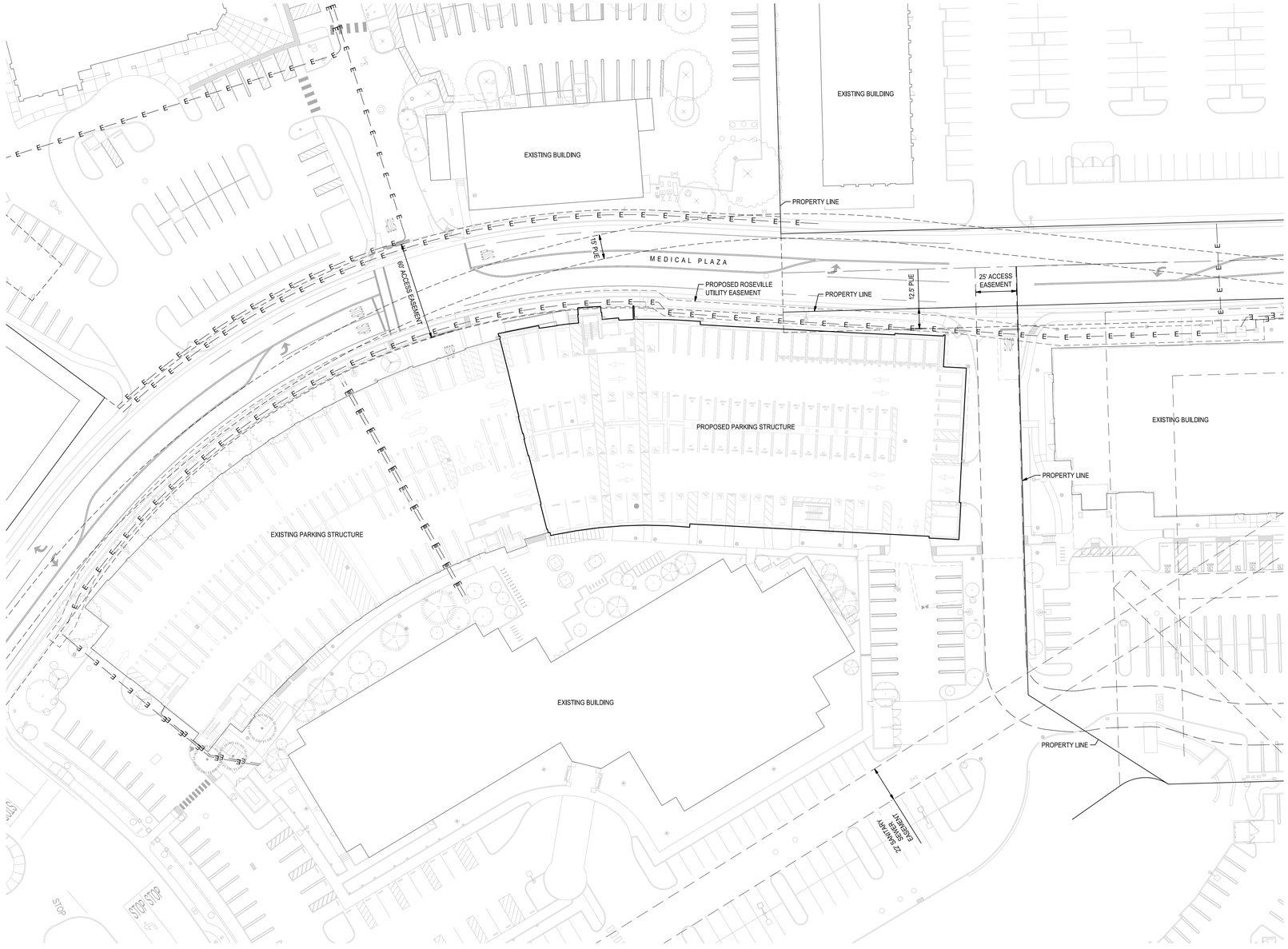

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UTILITY EASEMENT EXHIBIT

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0' 15' 30' 60'
SCALE: 1"=30'

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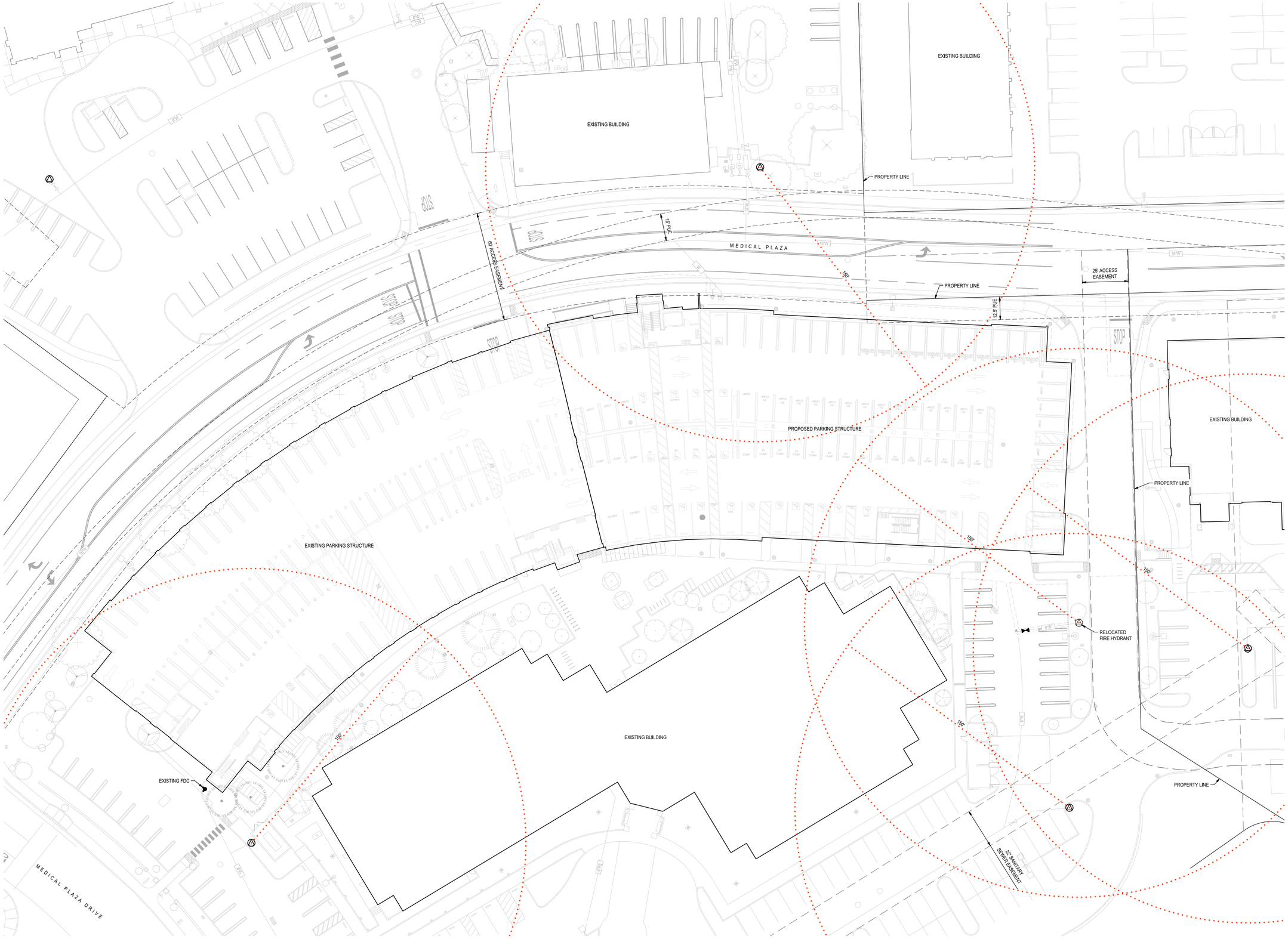

LEGEND

- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING FIRE HYDRANT WITH 150' HOSE SWEEP

811 Know what's **below.** **Call** before you dig.

0' 10' 20' 40'
SCALE: 1"=20'

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FIRE PROTECTION PLAN

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EROSION CONTROL PLAN
SCALE: 1" = 30'

EROSION CONTROL GENERAL NOTES:

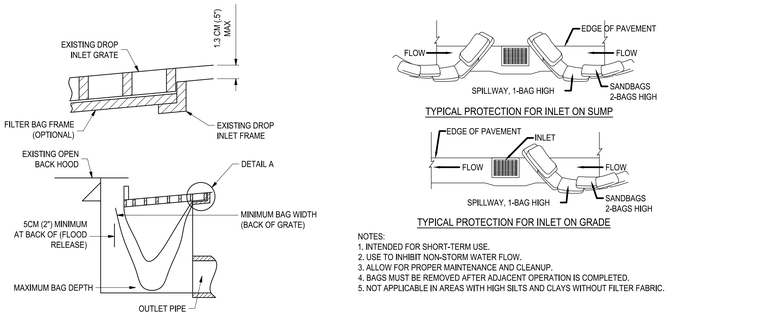
1. PLANS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW ALL OFFSETS. THE SITE IS DYNAMIC AND CHANGES ON A DAILY BASIS. CHANGES SHOULD BE MADE ACCORDING TO EXISTING CONDITIONS. BECAUSE IT IS IMPOSSIBLE TO PREDICT ALL POSSIBLE SITUATIONS, CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES TO ENSURE QUALITY CONTROL.
2. THE CONTRACTOR SHALL REVIEW THE CURRENT STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR CONDUCTING HIS/HER OPERATIONS IN ADHERENCE TO THE SWPPP. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINES, DELAYS, AND/OR DAMAGES RESULTING FROM ANY STATE WATER QUALITY CONTROL BOARD SANCTIONS CAUSED BY THE OPERATION OF THE CONTRACTOR OF HIS/HER SUBCONTRACTORS.
3. THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY. THE CONTRACTOR SHALL FOLLOW THESE PLANS UNLESS FIELD CONDITIONS DICTATE MODIFICATION. IF MODIFICATION IS NECESSARY, A SWPPP AMENDMENT MUST BE DONE. THIS MAY REQUIRE MODIFICATION TO THESE DRAWINGS AND ENGINEER CONCURRENCE.
4. INSPECT AND REPAIR FILTERS AFTER EACH STORM EVENT. REMOVE SEDIMENT WHEN 1/2 OF THE FILTER DEPTH HAS BEEN FILLED. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER FILTERING MEASURE. SEDIMENT AND GRAVEL SHALL BE IMMEDIATELY REMOVED FROM PAVEMENT OF ROAD.
5. UNFINISHED AND DISTURBED AREAS ARE TO BE PROTECTED WITH AN APPLICATION OF BLOWN STRAW AND ORGANIC BINDER.

ITEM	LB/ACRE
STRAW	4,000
ORGANIC BINDER	200

6. ALTERNATE INLET PROTECTION SHALL BE USED ON ROADS OPEN TO THE PUBLIC IF ANY HAZARDOUS MATERIALS OR WASTES WHICH HAVE BEEN TREATED, STORED, DISPOSED, SPILLED, OR LEAKED IN SIGNIFICANT QUANTITIES ONTO THE CONSTRUCTION SITE, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE THEM FROM THE SITE AND DISPOSE OF PROPERLY.
7. CHLORINATED OR DECHLORINATED WATER SHALL NOT BE DISCHARGED INTO THE STORM DRAIN SYSTEM. THE CONTRACTOR MAY DISPOSE THIS WATER INTO THE SANITARY SEWER SYSTEM UPON APPROVAL BY THE GOVERNING AGENCY.
8. THE CONTRACTOR SHALL KEEP MAINTENANCE, INSPECTION, AND REPAIR PROCEDURES TO ENSURE THAT ALL GRADED SURFACES, WALLS, BERMS, DRAINAGE STRUCTURES, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER CONTROLS ARE MAINTAINED IN GOOD AND EFFECTIVE CONDITION AND ARE PROMPTLY REPAIRED OR RESTORED WHEN NECESSARY. ANY DEWATERING WATER SHALL NOT BE DISCHARGED DIRECTLY INTO THE STORM WATER SYSTEM, AND SHALL NOT BE DISCHARGED INTO THE SEWER SYSTEM.
9. ALL DEWATERING WATER MUST BE CHANNELED THROUGH AN APPROVED SEDIMENT BARRIER PRIOR TO THE WATER ENTERING THE STORM SYSTEM.
10. PAVEMENT CLEANING- FLUSHING OF STREETS/ PARKING LOTS TO REMOVE DIRT AND CONSTRUCTION DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROLS ARE USED, PREFERABLY, AREAS REQUIRING CLEANING SHOULD BE SWEPT.
11. ALL STOCKPILES OF MATERIALS THAT ARE NOT GOING TO BE USED FOR 14 DAYS SHALL BE COVERED.
12. CONTRACTOR TO USE BEST MANAGEMENT PRACTICES (BMPs) THROUGHOUT CONSTRUCTION. USE ALL BMPs THAT APPLY TO THE PROJECT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING BMPs:
    - A. DRAIN INLET PROTECTION - CALIFORNIA STORMWATER BMP HANDBOOK SECTION SE-10
    - B. SOLID WASTE MANAGEMENT - CALIFORNIA STORMWATER BMP HANDBOOK SECTION WM-5
    - C. MATERIAL STORAGE - CALIFORNIA STORMWATER BMP HANDBOOK SECTION WM-1
    - D. PAVING - CALIFORNIA STORMWATER BMP HANDBOOK SECTION NS-3
    - E. DUST CONTROL, SEDIMENT CONTROL, EROSION CONTROL AND CONCRETE WASHOUT AREAS - SHOWN ON THIS SHEET WITH DETAILS

EROSION CONTROL LEGEND:

SYMBOL	DESCRIPTION
	FIBER ROLLED WATTLE, SEE DETAIL THIS SHEET
—— X ——	CONSTRUCTION FENCE
	SILT FENCE, SEE DETAIL THIS SHEET
	DRAIN INLET PROTECTION, SEE DETAIL THIS SHEET
	STABILIZED CONSTRUCTION ENTRANCE/EXIT, SEE DETAIL THIS SHEET
	CONCRETE WASHOUT, CONTRACTOR TO DETERMINE LOCATION, SEE DETAIL THIS SHEET
	FLOW DIRECTION (EXISTING)
	FLOW DIRECTION (PROPOSED)
	GRAVEL BAGS

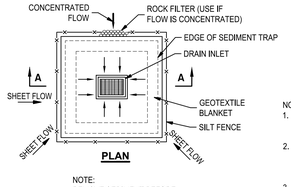


TYPICAL PROTECTION FOR INLET ON SUMP

TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:
1. INTENDED FOR SHORT-TERM USE.
2. USE TO INHIBIT NON-STORM WATER FLOW.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

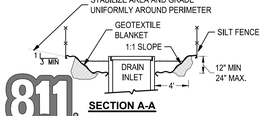
5 CATCH BASIN FILTER BAGS & PROTECTION
NO SCALE



PLAN

NOTE:
REMOVE SEDIMENT BEFORE REACHING 1/3 FULL.

NOTES:
1. FOR USE IN CLEARED AND GRUBBED AND IN GRADED AREAS.
2. SHAPE BASIN SO THAT LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP.
3. FOR CONCENTRATED FLOWS, SHAPE BASIN IN 2:1 RATION WITH LENGTH ORIENTED TOWARDS DIRECTION OF FLOW.



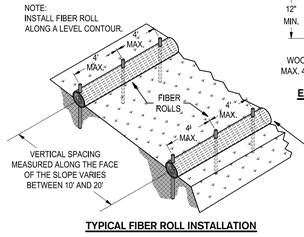
SECTION A-A

811 Know what's below. Call before you dig.

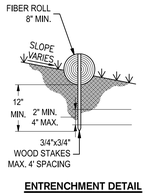
1 INLET PROTECTION - TYPE 2
SCALE: NTS

SLOPE %	ROLL SPACING
0-25	50 FT
25-50	15 FT
50% OF GREATER	10 FT

NOTE:
INSTALL FIBER ROLL ALONG A LEVEL CONTOUR.

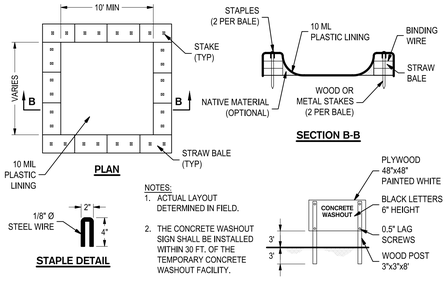


TYPICAL FIBER ROLL INSTALLATION



ENTRENCHMENT DETAIL

2 FIBER ROLLS
SCALE: NTS



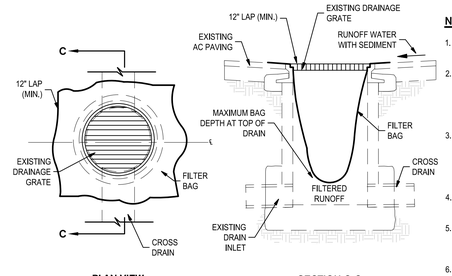
PLAN

SECTION B-B

STAPLE DETAIL

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

3 CONCRETE WASHOUT
SCALE: NTS



PLAN VIEW

SECTION C-C

NOTES:
1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN .06 HECTACRES (2 ACRES).
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT, AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLON/SQFT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DRAINAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 1.3CM (.5") ABOVE THE INLET FRAME (SEE DETAIL A).
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR IT'S FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.

4 TEMPORARY GRAVEL BAG FILTER AT DROP INLET
SCALE: NTS

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ROSEVILLE, CA 95661

EROSION CONTROL PLAN

C1009.00
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3/28/2022

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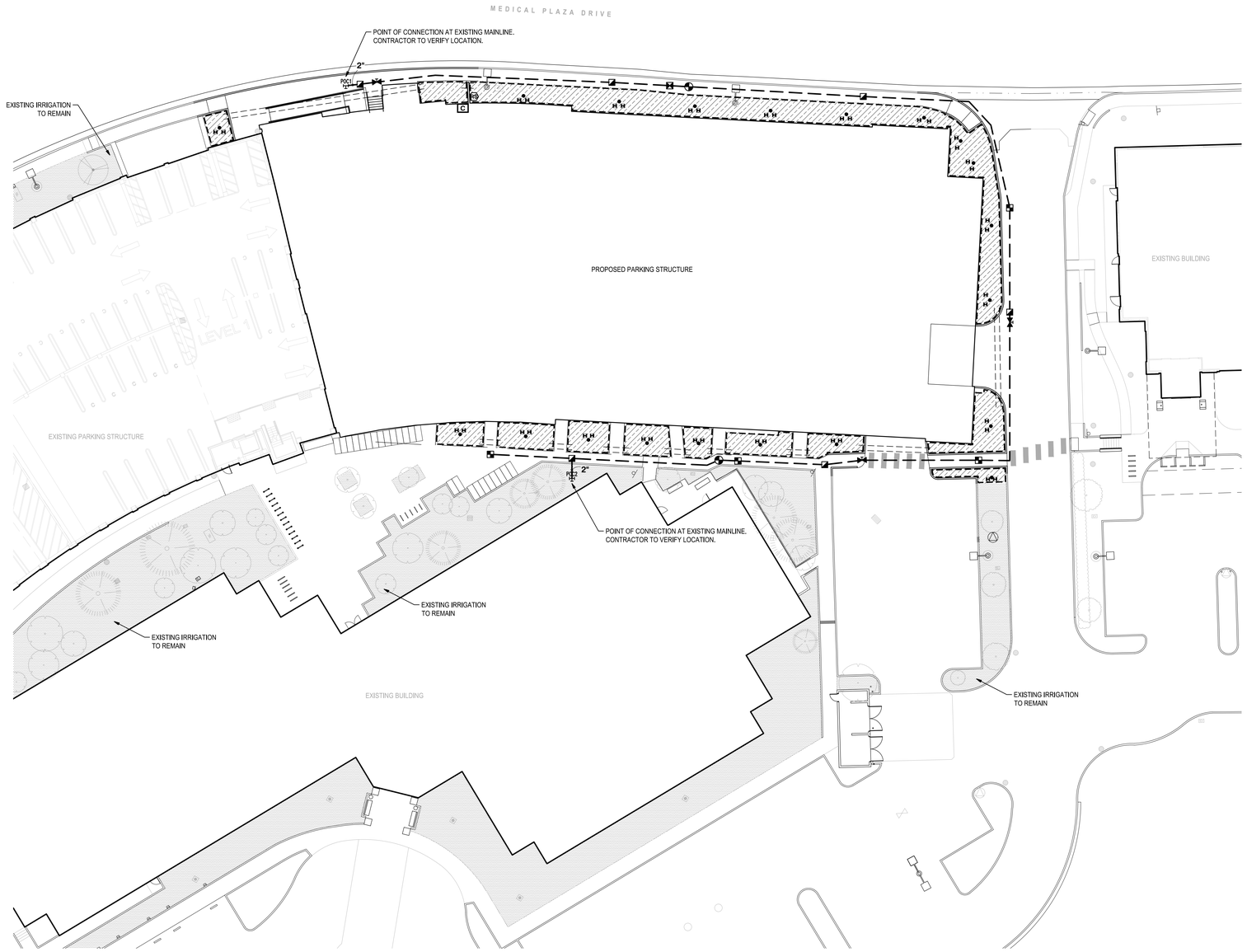

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	EXISTING IRRIGATION Existing landscape areas that are altered or modified by the new project. Existing irrigation system and stationing to remain. Modifications to be made by Contractor to existing system, mainline, laterals and heads in existing landscape areas effected by construction.
	SHRUB DRIPLINE 0.9 GPH @ 12" O.C. Dripline with 0.90 gph emitters at 12" O.C., row spacing at 12" O.C.
SYMBOL	**MANUFACTURER/MODEL/DESCRIPTION**
1401 1402 1404 1406	Rain Bird RWS-B-C-SOCK Root Watering System with 4" diameter x 36" long with locking grate, semi-rigid mesh tube.1402 at 0.5 GPM, 2 per tree, typical.
SYMBOL	**MANUFACTURER/MODEL/DESCRIPTION**
	Rain Bird XCZ-100-PRB-COM Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM
	Rain Bird XCZ-150-PRB-COM High Flow Control Zone Kit, for Large Commercial Drip Zones. 1-1/2" PESB Valve with two 1" Pressure Regulating 40psi Quick-Check Basket Filters, Flow range: 15-40 GPM.
A	Rain Bird ARV050 1/2" Air Relief Valve.
O	Rain Bird OPERIND Drip System Operation Indicator. Place within 8` of valve.
SYMBOL	**MANUFACTURER/MODEL/DESCRIPTION**
	Rain Bird PESB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.
	Rain Bird 44-LRC 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece Body.
	Nibco T-113 Class 125 bronze gate shut off valve with wheel handle, same size as mainline pipe diameter at valve location. Size Range - 1/4" - 3"
C	Rain Bird ESP8LXME with (01) ESPLXMSM4 12 Station Commercial Controller. Locked, metal enclosure.
RS	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.
POC1 1"	Point of Connection Point of connection at exsiting Class 315 2" Mainline.
POC2 1"	Point of Connection Point of connection at exsiting Class 315 2" Mainline.
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Class 315 SDR 13.5 (2")
	Pipe Sleeve: PVC Schedule 40 Typical pipe sleeve for irrigation pipe. Min. size 2x diameter of pipe being sleeved. Extend sleeves 24" beyond edges of paving or construction.
	Valve Callout Valve Number Valve Flow Valve Size
	TREE LOCATION (PROPOSED) Layout reference of proposed trees. See sheet LG2.01.

GENERAL IRRIGATION NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND STANDARDS.
2. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. LANDSCAPE SUBCONTRACTOR SHALL GUARANTEE 100% COVERAGE OF SYSTEM.
3. INSTALL NEW REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, EQUIPMENT, OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 12" APART. SHORT SIDE OF RECTANGULAR VALVE BOXES SHALL BE PARALLEL TO WALK, CURB, LAWN, ETC.
4. ALL PVC SLEEVES UNDER PAVEMENT AND ROADWAYS TO BE SCH. 40. SLEEVES TO BE TWICE THE DIAMETER OF PIPE OR WIRE BUNDLE THAT WILL PASS THROUGH SLEEVE. CHANGE ALL RING-TITE PIPE THAT WOULD PASS THROUGH SLEEVES TO CLASS 315 SOLVENT WELD PIPE OF SAME SIZE.
5. THE IRRIGATION CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT IDENTIFIED IN THE DRAWINGS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. OTHERWISE, THE CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS.

IRRIGATION DESIGN SUMMARY

1. NEW IRRIGATION SYSTEM SHALL TAP INTO EXISTING IRRIGATION MAINLINE.
2. NEW PEDESTAL, WEATHER-BASED IRRIGATION CONTROLLER WITH RAIN SENSOR.
3. IRRIGATION SHALL CONSIST OF DRIP FOR SHRUBS AND GROUNDCOVERS AND AN ISOLATED VALVE WITH DRIP BUBBLERS FOR TREES.

IRRIGATION SCHEDULING NOTE

PROJECT INCLUDES A NEW IRRIGATION SYSTEM AND REQUIRES THE FOLLOWING MEASURES TO BE MET:

1. IRRIGATION MUST BE SCHEDULED BETWEEN 9:00 P.M. AND 6:00 A.M. UNLESS WEATHER CONDITIONS PREVENT IT.
2. OPERATION OF THE IRRIGATION SYSTEM OUTSIDE THE NORMAL WATERING WINDOW IS ALLOWED FOR AUDITING AND SYSTEM MAINTENANCE.
3. TOTAL ANNUAL APPLIED WATER SHALL BE LESS THAN OR EQUAL TO MAXIMUM APPLIED WATER ALLOWANCE (MAWA) AS CALCULATED PER THE POTABLE WATER USE REDUCTION REQUIREMENTS.

EXISTING IRRIGATION NOTES

1. EXISTING LAYOUT MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. MAINLINE AND LATERAL LAYOUT IS TO BE FIELD VERIFIED BY CONTRACTOR.
3. CONTRACTOR RESPONSIBLE FOR MODIFICATIONS TO EXISTING IRRIGATION ADJACENT TO PROJECT AREA. CONTRACTOR TO REMOVE IRRIGATION SYSTEM AND VALVES WITHIN PROJECT AREA AND CAP MAINLINE SYSTEM ACCORDINGLY. EXISTING IRRIGATION TO BE MODIFIED TO MAINTAIN IRRIGATION TO EXISTING PLANT MATERIAL. CONTRACTOR TO COORDINATE EXISTING MAINLINE SYSTEM, SHUT-OFF AND CONTROLLER WITH OWNER.

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LANDSCAPE SUMMARY

TOTAL IRRIGATED AREA	4,644 SF
MAXIMUM APPLIED WATER ALLOWANCE (MAWA)	XXX GALLON/YR
ESTIMATED TOTAL WATER USE (ETWU)	XXX GALLON/YR

I SHALL COMPLY WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

ROBERT J. NORBUTAS, JR., RLA 5595

0' 10' 20' 40'
SCALE: 1"=20'

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IRRIGATION PLAN

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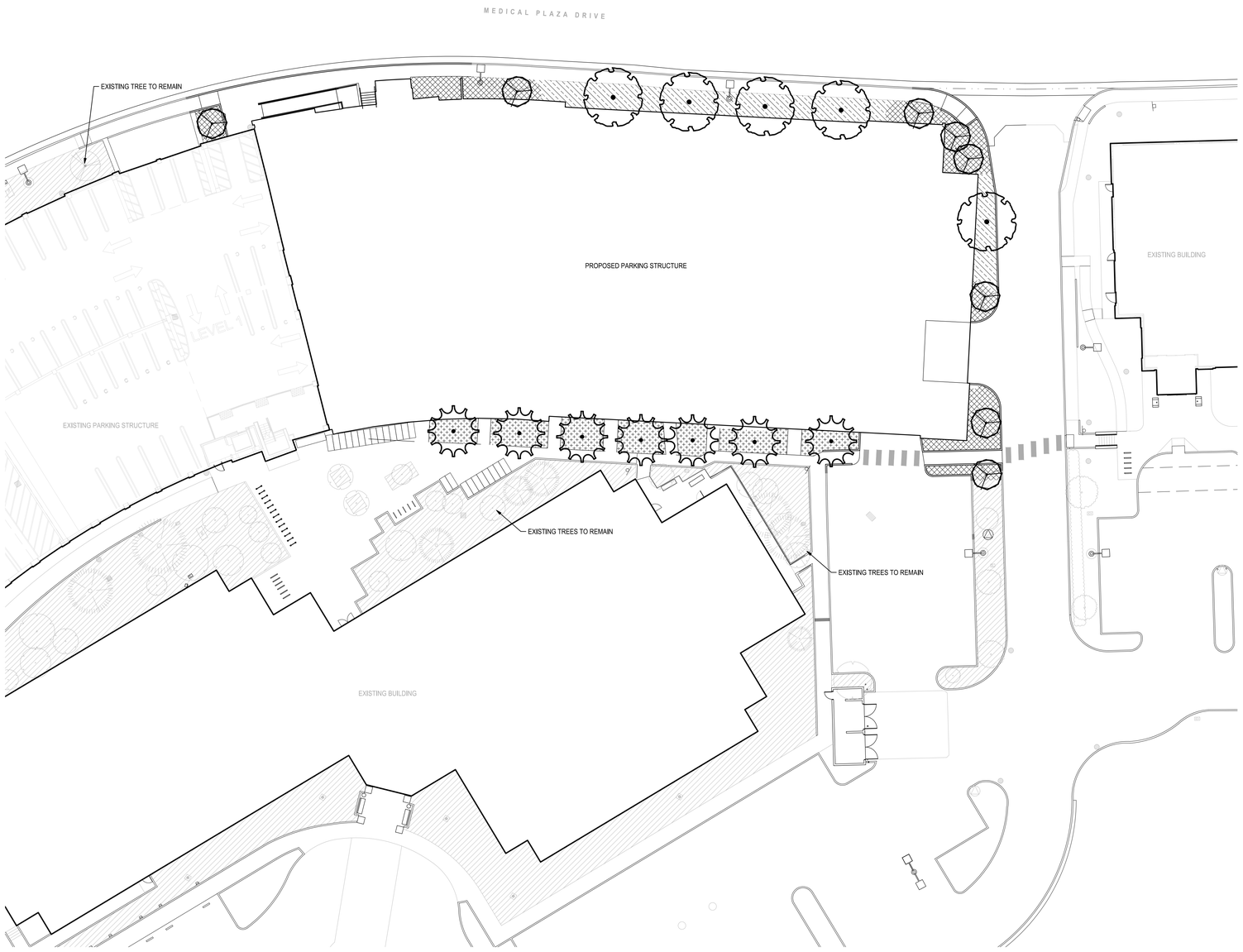
3/28/2022

LG1.01



GENERAL PLANTING NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOCAL AND STATE STANDARDS AND CODES.
2. ALL ASPHALT, BASE COURSE AND OTHER DEBRIS ARE TO BE REMOVED COMPLETELY BELOW PLANTING AREAS TO NATIVE SOIL LEVEL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE SURFACE DRAINAGE AT 2% MINIMUM IN PLANTING AREAS EXCEPT WHERE SHOWN.
4. THE CONTRACTOR SHALL FURNISH AND APPLY THE APPROPRIATE PRE-EMERGENT HERBICIDE AT RATES PRESCRIBED BY LAW AND THE MANUFACTURER'S RECOMMENDATIONS. ALL PRE-EMERGENT HERBICIDES SHALL BE APPLIED BY LICENSED OPERATORS UNDER FAVORABLE WEATHER CONDITIONS.
5. THE CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING A SOILS TEST AND PROVIDING THE APPROPRIATE AMENDMENTS BASED ON THE TEST RESULTS.
6. FINISH GRADE OF PLANTED AREAS TO BE ONE (1) INCH BELOW PAVING. WATER SOIL THOROUGHLY BEFORE PLANTING. ALL PLANTS SHALL BE SET AT SUCH A LEVEL THAT AFTER SETTLING THEY BEAR THE SAME RELATIONSHIP TO THE SURROUNDING FINISH GRADE AS THEY BORE TO THE SOIL LINE GRADE IN THE CONTAINER, UNLESS OTHERWISE NOTED.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE DRAINAGE OF ALL PLANTINGS, SUFFICIENT TO INSURE HEALTHY GROWTH.

TREE NOTES

1. EXISTING TREES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. CARE SHOULD BE TAKEN WHEN GRADING OCCURS WITHIN THE DRIPLINE OF THE TREE.
2. CONTRACTOR TO NOTIFY OWNER IMMEDIATELY IF ANY DISCREPANCIES OR QUESTIONS REGARDING TREE PROTECTION OCCUR AT TIME CONSTRUCTION.
3. ALL WORK WITHIN THE EXISTING TREE ROOT ZONES SHALL BE DONE USING ALL POSSIBLE CARE TO AVOID INJURY TO ROOTS.
4. NO ROOTS LARGER THAN 2" SHALL BE CUT WITHOUT APPROVAL. CONTACT LANDSCAPE ARCHITECT IF PLANT MATERIAL PLACEMENT IS IN CONFLICT WITH EXISTING ROOTS.
5. ROOT BARRIER,10 LINEAL FEET CENTERED ON TREES, TO BE INSTALLED WHEN TREE IS WITHIN 5' OF SIDEWALKS, ROADWAYS, BUILDING OR CURBS.

811 Know what's **below.** **Call** before you dig.

CONCEPTUAL PLANT LEGEND

MEDIUM SHADE TREES — 5 — WATER USE — MATURE SIZE
15 gallon trees.
Low water use plants. Install medium sized trees in the street frontage areas.
Drip bubbler irrigation.

Laurus nobilis / Sweet Bay	L	35'H X 20'W
Pistacia chinensis `Keith Davey` / Chinese Pistache	M	30'H X 25'W
Pyrus calleryana / Callery Pear	L	30'H X 20'W
Quercus rubra / Red Oak	L	40'H X 30'W
Robinia pseudoacacia 'Purple Robe' / Black Locust	L	30'H X 20'W
Ulmus parvifolia / Lacebark Elm	M	40'H X 30'W

NARROW SCREEN TREES — 7 — WATER USE — MATURE SIZE
15 gallon trees.
Low/medium water use trees. Perimeter areas requiring narrow, upright growth and screening.
Drip bubbler irrigation.

Acer platanoides `Columnare` / Norway Maple	M	40'H X 15'W
Acer rubrum 'Armstrong' / Armstrong Red Maple	M	40'H X 15'W
Alnus cordata / Italian Alder	M	40'H X 20'W
Cedrus atlantica 'Fastigiata' / Columnar Atlas Cedar	M	40'H X 15'W
Ginkgo biloba 'Autumn Gold' / Maidenhair Tree	M	40'H X 20'W

ACCENT - SMALL TREES — 8 — WATER USE — MATURE SIZE
15 gallon trees.
Small space planting areas, entry and building accent. Spacing per plan.
Drip bubbler irrigation.

Cercis occidentalis / Western Redbud	VL	20'H X 15'W
Lagerstroemia x `Tuscarora` / Crape Myrtle Coral Pink	L	20'H X 15'W
Magnolia grandiflora 'Little Gem' / Dwarf Southern Magnolia	M	15'H X 10'W
Prunus cerasifera `Atropurpurea` / Purple-leaf Plum	L	20'H X 15'W

ENTRY AND ACCENT SHRUBS — 1,710 sf — WATER USE — MATURE SIZE
5 gallon and 1 gallon shrubs.
Install entry and accent (6"-4' high) in entry perimeter planter areas.
Medium and small sized shrubs, groundcovers and grasses
Drip Irrigation.

Arctostaphylos x 'Emerald Carpet' / Emerald Carpet Manzanita	M	1'H X 5'W
Coleonema pulchrum 'Sunset Gold' / Golden Breath Of Heaven	M	2'H X 4'W
Festuca amethystina 'Superba' / Rainbow Fescue	L	1'H X 2'W
Festuca glauca 'Elijah Blue' / Elijah Blue Fescue	L	1.5'H X 1'W
Gazania rigens leucolaena / Trailing Gazania	M	1'H X 1'W
Hemerocallis x 'Stella de Oro' / Stella de Oro Daylily	M	1'H X 1.5'W
Hesperaloe parviflora 'Perpa' TM / Brakelights Red Yucca	L	2.5'H X 4'W
Penstemon heterophyllus 'Margarita BOP' / Margarita BOP Penstemon	L	1'H X 2'W
Phormium tenax 'Amazing Red' / Dwarf Red Flax	L	1.5'H W 2'W
Phormium x 'Platt's Black' / Platt's Black New Zealand Flax	L	3'H X 2'W
Salvia spathacea / Hummingbird Sage	L	2'H X 4'W

INTERIOR SITE SHRUBS AND GROUNDCOVERS — 1,453 sf — WATER USE — MATURE SIZE
5 gallon and 1 gallon shrubs.
Install interior shrubs (6"-4' high) in interior planter areas.
Medium and small sized shrubs, groundcovers and grasses.
Drip Irrigation.

Baccharis pilularis / Coyote Brush	L	2'H X 7'W
Ceanothus griseus horizontalis 'Yankee Point' / Yankee Point Carmel Creeper	L	2'H X 7'W
Coleonema pulchrum 'Sunset Gold' / Golden Breath Of Heaven	M	2'H X 4'W
Dietes vegeta / African Iris	L	3'H X 3'W
Erigeron karvinskianus 'Profusion' / Profusion Santa Barbara Daisy	L	1'H X 3'W
Lantana montevidensis / Trailing Lantana	L	1.5'H X 3'W
Leymus condensatus 'Canyon Prince' / Canyon Prince Giant Wild Rye	L	2'H X 3'W
Lomandra longifolia 'Platinum Beauty' / Platinum Beauty Dwarf Mat Rush	L	2'H X 3'W
Loropetalum chinense rubrum 'Ruby' / Ruby Fringe Flower	M	3'H X 4'W
Mahonia aquifolium 'Compacta' / Compact Oregon Grape	M	2.5'H X 3'W
Muhlenbergia capillaris 'Lenca' TM / Regal Mist Pink Muhly Grass	L	4'H X 4'W
Myoporum parvifolium / Trailing Myoporum	L	.5'H X 1'H
Nandina domestica / Heavenly Bamboo	L	4'H X 4'W
Osteospermum fruticosum 'African Queen' / Trailing African Daisy	L	1'H X 1'W
Salvia greggii / Autumn Sage	L	2'H X 2'W
Xylosma congestum 'Compacta' / Compact Xylosma	L	6'H X 5'W

STREETSCAPE SHRUBS AND GROUNDCOVERS — 1,656 sf — WATER USE — MATURE SIZE
1 and 5 gallon shrubs.
Drought tolerant, low water-use plants.
Install streetscape shrubs(18"-4' high) in streetscape planter areas, in curb planter strips and at back of walk.
Drip irrigation.

Arctostaphylos x 'Emerald Carpet' / Emerald Carpet Manzanita	M	1'H X 5'W
Baccharis pilularis 'Pigeon Point' / Pigeon Point Coyote Brush	L	2'H X 7'W
Berberis aquifolium 'Compacta' / Compact Oregon Grape Holly	L	2'H X 3'W
Ceanothus griseus horizontalis 'Yankee Point' / Yankee Point Carmel Creeper	L	2'H X 7'W
Erigeron karvinskianus 'Profusion' / Profusion Santa Barbara Daisy	L	1'H X 3'W
Juniperus horizontalis 'Blue Chip' / Blue Chip Juniper	L	1'H X 6'W
Pennisetum orientale 'Karley Rose' / Karley Rose Fountain Grass	L	3'H X 3'W
Rhaphiolepis indica 'Ballerina' / Ballerina Indian Hawthorn	M	3'H X 4'W

BARK MULCH
Natural chip bark mulch. 3" thick layer minimum. Landscape planting areas within the project site to receive chip bark mulch.

EXISTING LANDSCAPE
Existing planting to remain and be protected during construction.

EXISTING TREES TO REMAIN

LANDSCAPE SUMMARY

TOTAL IRRIGATED AREA	4,644 SF
MAXIMUM APPLIED WATER ALLOWANCE (MAWA)	XXX GALLON/YR
ESTIMATED TOTAL WATER USE (ETWU)	XXX GALLON/YR

I SHALL COMPLY WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

ROBERT J. NORBUTAS, JR., RLA 5595

0' 10' 20' 40'
SCALE: 1"=20'

Dreyfuss+Blackford architecture

SIEGFRIED — CIVIL, STRUCTURAL, LANDSCAPE ARCHITECTURE, SURVEYING, PLANNING, ATHLETIC FACILITY DESIGN
3428 Brookside Road, Stockton, California 95219
209-943-2021 www.siegfriedeng.com Fx: 209-942-0214

CITY APPROVAL STAMP

City of Roseville Approval

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT/ENGINEER

REVISION	BY	DATE

SUTTER HEALTH

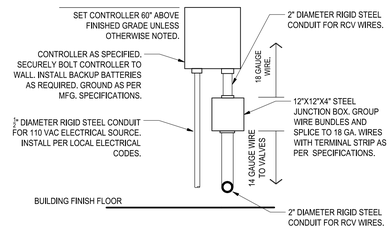
PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

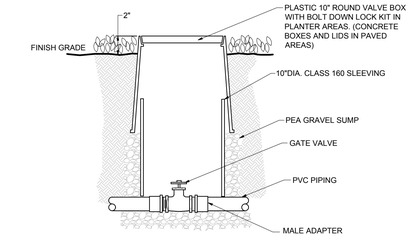
PLANTING PLAN

C1009.00
AS SHOWN
3/28/2022

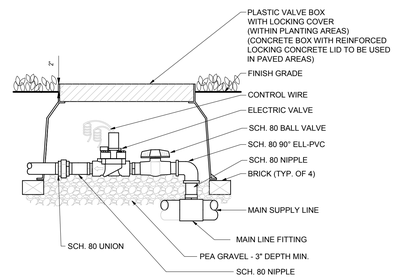
LG2.01



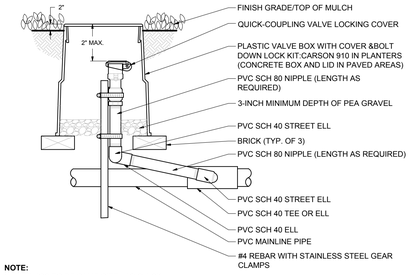
1 WALL-MOUNTED CONTROLLER
NO SCALE



2 GATE VALVE
NO SCALE

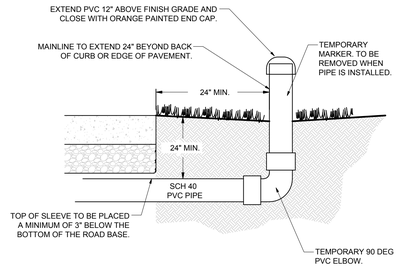


3 REMOTE CONTROL VALVE
NO SCALE

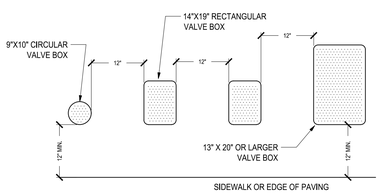


NOTE:
1. FITTINGS TO BE SAME SIZE AS QUICK COUPLING VALVE.

4 QUICK COUPLER
NO SCALE

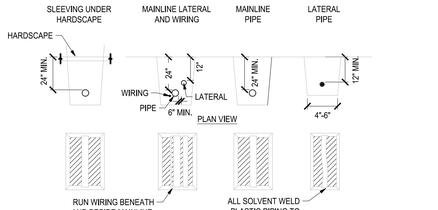


5 PIPE SLEEVE WITH 90 ELBOW
NO SCALE



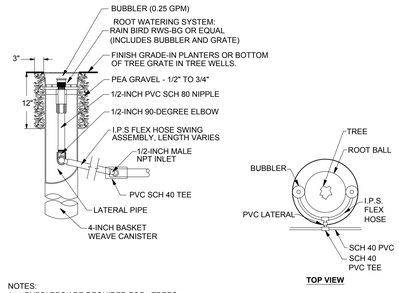
NOTES:
1. CENTER BOX OVER VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 2" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN AREA ONLY IF GROUND COVER/SHRUB AREA DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOX EDGES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. VALVE BOXES SHALL HAVE BOLT DOWN LIDS WITH BOLTS INSTALLED.

6 VALVE BOX
NO SCALE



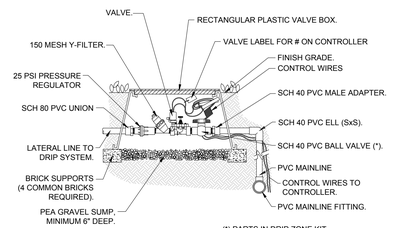
NOTES:
1. SLEEVE 24" BELOW ALL HARDSCAPE ELEMENTS WITH SCH. 40 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. FOR PIPE AND WIRE BURIAL DEPTHS SEE SPECIFICATIONS.
3. SNAKE ALL PLASTIC PIPING IN TRENCHES FROM SIDE TO SIDE AS SHOWN, AT A 50' INTERVAL.

7 PIPE AND WIRE TRENCHING
NO SCALE



NOTES:
1. BUBBLERS ARE REQUIRED FOR TREES. TWO BUBBLERS PER TREE ARE TO BE PLACE ON OPPOSITE SIDES OF ROOTBALL.
2. USE PROPER RATED GLUE FOR I.P.S. FLEX HOSE.

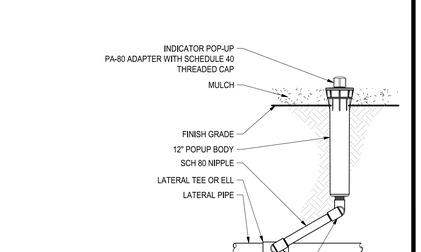
8 DEEP ROOT WATERING SYSTEM
NO SCALE



(*) PARTS IN DRIP ZONE KIT.

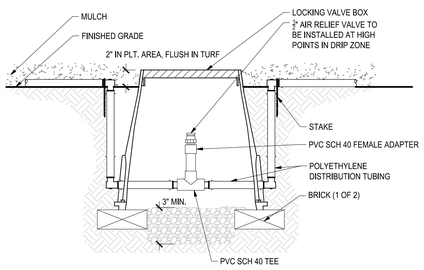
NOTES:
A. MIN. AND MAX. FLOW RATE - PER MANUFACTURER
B. (*) PARTS IN DRIP ZONE KIT.

9 REMOTE CONTROL VALVE-DRIP
NO SCALE

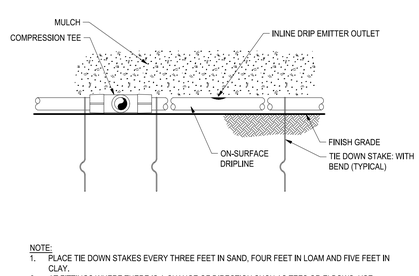


NOTES:
1. CONTRACTOR TO LOCATE THE OPERATION INDICATOR(S) IN AN INCONSPICUOUS LOCATION AS TO AVOID BEING VANDALIZED.
2. ONE PER DRIP VALVE STATION.
3. LOCATED WITHIN 8 FEET OF VALVE BOX.

10 DRIP SYSTEM OPERATION INDICATOR
NO SCALE

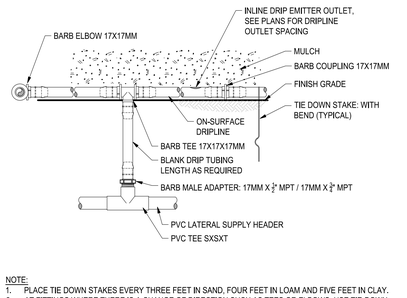


11 AIR RELIEF VALVE
NO SCALE



NOTE:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

12 ON-SURFACE DRIPLINE STAKING
NO SCALE



NOTE:
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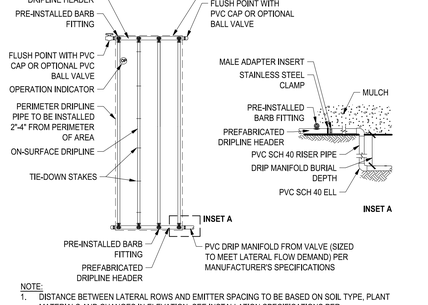
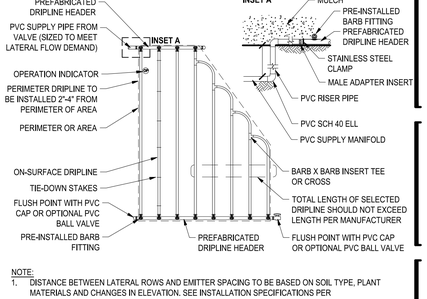
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

13 ON-SURFACE DRIPLINE - DRIPLINE RISER ASSEMBLY
NO SCALE



NOTE:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS PER MANUFACTURER.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING PER MANUFACTURER'S SPECIFICATIONS.

14 ON-SURFACE DRIPLINE - END FEED LAYOUT
NO SCALE



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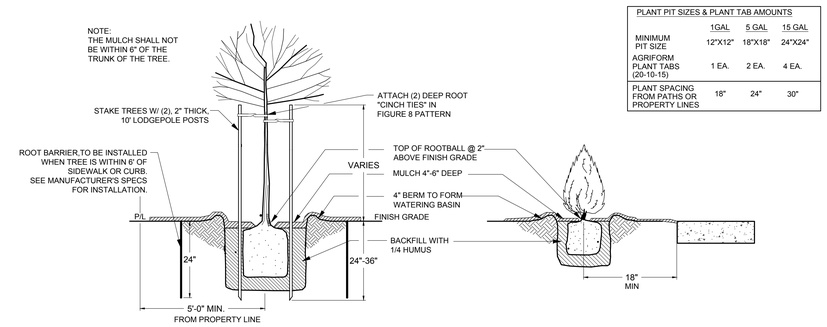
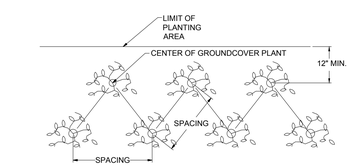
15 ON-SURFACE DRIPLINE - IRREGULAR SHAPED LAYOUT
NO SCALE



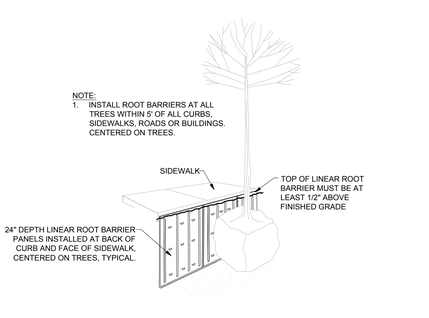
PLANT PIT SIZES & PLANT TAB AMOUNTS			
	1GAL	5 GAL	15 GAL
MINIMUM PIT SIZE	12"X12"	18"X18"	24"X24"
AGRIFORM PLANT TABS (20-10-15)	1 EA.	2 EA.	4 EA.
PLANT SPACING FROM PATHS OR PROPERTY LINES	18"	24"	30"

16 TREE/SHRUB PLANTING & STAKING
NO SCALE

NOTE:
AFTER ALL TREES, SHRUBS AND GROUNDCOVER HAVE BEEN PLANTED, A PRE-EMERGENT SPRAY SHALL BE APPLIED TO ALL PLANTING AREAS PER MANAFACTURER'S SPECIFICATIONS.
IN ALL AREAS TREATED WITH PRE-EMERGENT HERBICIDE PRIOR TO PLANTING DUST THE PLANT PITS WITH ACTIVATED CARBON AT A RATE OF 50 LBS. PER 1000 SF BEFORE PLANTING ANY GROUNDCOVER.



17 GROUNDCOVER SPACING
NO SCALE



18 LINEAR ROOT BARRIER
NO SCALE

Dreyfuss+Blackford architecture
SIEGFRIED
CIVIL
STRUCTURAL
LANDSCAPE ARCHITECTURE
SURVEYING
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ATHLETIC FACILITY DESIGN
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CITY APPROVAL STAMP

City of Roseville Approval

REVISION	BY	DATE

SUTTER HEALTH

PARKING GARAGE 12 EXPANSION

12 MEDICAL PLAZA
ROSEVILLE, CA 95661

LANDSCAPE DETAILS

C1009.00
AS SHOWN
3/28/2022

LG3.01