CENTERLINE

EXISTING

DIAMETER OR ROUND

PERPENDICULAR

POUND OR NUMBER

OTHERWISE NOTED. DRAWINGS OF OTHER DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL) MAY CONTAIN SPECIFIC ABBREVIATIONS, REFERENCES, AND LEGENDS WITH INTERPRETATION INTENDED ONLY FOR THOSE DISCIPLINES

F.B.O.

F.FLR.

FIRE ALARM

FLAT BAR

FURNISHED BY

FLOOR DRAIN

CONNECTION **FOUNDATION**

CABINET

OWNER/OTHERS

FIRE DEPARTMENT

FIRE EXTINGUISHER

FACTORY FINISH

FINISH FLOOR

FIRE EXTINGUISHER

OCCUPANT LOAD

OWNER FURNISHED

CONTR INSTALLED

OWNER INSTALLED

OVER FLOW ROOF

OPPOSITE HAND

OVER HEAD COILING

GENERAL NOTES

1. A COPY TITLE 24 C.C.R. PARTS 1 AND 5 SHALL BE KEPT ON THE JOB SITE AT ALL

2. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF TITLE 24 SECTION 4-335 AND

WITH TITLE 24 SECTION 4-335, PART I, AND THE DISTRICT SHALL EMPLOY AND PAY

3. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE

4. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH TITLE 24

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE

PROJECT IN ACCORDANCE WITH TITLE 24 C.C.R. SHOULD ANY CONDITIONS

DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE

BY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

12. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS

NEW BUILDINGS SHALL BE PROVIDED WITH EMERGENCY RESPONDER RADIO

COVERAGE IN ACCORDANCE WITH CALIFORNIA FIRE CODE SECTION 510. THE

DOCUMENTATION SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING

APPROVED PANS, EQUIPMENT DATA SHEETS, TESTING AND ACCEPTANCE

DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.

2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.

2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.

2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.

2019 CALIFORNIA ENERGY CODE (CAC), C.C.R. TITLE 24, PART 6

2019 CALIFORNIA FIRE CODE (CFC), PART 9, C.C.R. TITLE 24

UL 268-09 SMOKE DETECTORS FOR FIRE ALARM SYSTEMS

UL 464-03 AUDIBLE SIGNAL APPLIANCES (AS AMENDED)

2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.

SPECIFICATIONS, TESTING AND ACCEPTANCE CRITERIA. PLANS AND REQUESTED

JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE

2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (CAC), PART 1,

2019 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24, PART 12

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), C.C.R.

NFPA 13-16 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

NFPA 24-16 INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR

MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS

NFPA 25-13CA (CALIFORNIA NFPA 25 EDITION) INSPECTION, TESTING, AND

NFPA 72-16 NATIONAL FIRE ALARM AND SIGNALING CODE (AS AMENDED) UL 38-99 MANUALLY ACTUATED SIGNALING BOXES (AS AMENDED)

UL 268A-09 SMOKE DETECTORS FOR DUCT APPLICATION (AS AMENDED)

UL 521-99 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS

UL 1424 CABLES FOR POWER-LIMITED FIRE-ALARM CIRCUITS (2005 EDITION) UL 1971 SIGNALING DEVICES FOR THE HEARING IMPAIRED (2004 EDITION)

PROJECT ARCHITECT (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN, EQUIPMENT

6. ADDENDA MUST BE SIGNED BY ARCHITECT

CONSTRUCTION AND DEMOLITION

WITH ALL LOCAL ORDINANCE.

EMERGENCY COMMUNICATIONS NOTE:

GOVERNING CODES

TITLE 24 C.C.R. EFFECTIVE JULY 1, 2014

TITLE 24, PART 11

C.C.R., TITLE 19 PUBLIC SAFETY

APPURTENANCES (AS AMENDED)

AMERICANS WITH DISABILITIES ACT

DEFERRED ITEMS: NONE

ARCHITECT OR ENGINEER OF RECORD

DELEGATED PROFESSIONAL ENGINEER

FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.C.R., A CHANGE

7. CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:

8. MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES,

9. CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 FIRE SAFETY DARNING

10. A "DSA CERTIFIED" PROJECT INSPECTOR (CLASS 2) EMPLOYED BY THE DISTRICT

11. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE

(OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION

DF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342,

REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY

ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE PREPARED

THE LABORATORY. COSTS OF RETEST MAY BE BACK CHARGED TO THE

ON CENTER

DIMENSION

O.F.R.D.

A/C ACP	ABOVE AIR CONDITIONING	F.FLR. F.G.	FINISH FLOOR FINISH GRADE	O.H.C.D.	OVER HEAD COILING DOOR
	ASPHALT CONCRETE	F.H.	FIRE HYDRANT	O.H.M.S.	OVAL HEAD MACH.
ACST.	PAVING ACOUSTICAL	FHMS	FLAT HEAD MACHINE SCREW	O.H.W.S.	SCREW OVAL HEAD WOOD
A.C.T.	ACOUSTIC CEILING TILE	FHWS	FLAT HEAD WOOD SCREW		SCREW
A.B.	ANCHOR BOLT	FIN.	FINISH	OPNG. OPP.	OPENING OPPOSITE
ADA	AMERICANS WITH	FIXT.	FIXTURE	0/	OVER
ADAAG	DISABILITIES ACT ADA ACCESSIBLE	FLR.	FLOOR(ING)	ORIG. OVHD	ORIGINAL OVER HEAD
ADAAG	GUIDELINES	FLASH. FLUOR.	FLASHING FLUORESCENT	OWJ	OPEN WEB JOIST
ADDL. ADJ.	ADDITIONAL ADJUSTABLE	F.O.	FACE OF		
ADJC.	ADJACENT	F.O.C. F.O.F.	FACE OF CONCRETE FACE OF FINISH	P.B.N.	PLYWOOD BOUNDARY NAILING
A.F.F.	ABOVE FINISH FLOOR	F.O.M.	FACE OF MASONRY	P.E.N.	PLYWOOD EDGE
A.F.G. AGG.	ABOVE FINISH GRADE AGGREGATE	F.O.S. FRP	FACE OF STUD FIBERGLASS REIN-	P.E.S.	NAILING PLYWOOD EDGE
ALT.	ALTERNATE		FORCED PANELING	1 .2.0.	SCREWS
ALUM. ANOD.	ALUMINUM ANODIZED	F.S. F.S.H.	FIRE SPRINKLER(S) FIRE SPRINKLER HEAD	P.I.V.	POST INDICATOR VALVE
A.P.C.	ACOUSTIC PANEL CEILING			P.LAM.	PLASTIC LAMINATE
APPROX.	APPROXIMATE	FT. FURR.	FOOT/FEET FURRING	P.L. PL.	PROPERTY LINE PLATE
ARCH.	ARCHITECT(URAL)	FUT.	FUTURE	PLAS.	PLASTER
AV	AUDIO VISUAL			PLYWD. PR.	PLYWOOD PAIR
BD.	BOARD	GA.	GAUGE	PSF	POUNDS PER
BEL.	BELOW	GALV. G.B.	GALVANIZED GRAB BAR	PSI	SQUARE FOOT POUNDS PER
B.E.N	BOUNDARY EDGE NAILING	G.C.	GENERAL CONTR.	DT	SQUARE INCH
BLDG.	BUILDING	GEN. G.I.	GENERAL GALVANIZED IRON	PT. P.T.D.	POINT PAPER TOWEL DISP.
BLK. BLKG.	BLOCK BLOCKING	GL.	GLASS	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
BM.	BEAM	GND. GR.	GROUND GRADE	PTN.	PARTITION
BOT. BRG.	BOTTOM BEARING	GYP.	GYPSUM	PVC	POLYVINYL CHLORIDE
BTWN.	BETWEEN			R.	RADIUS
B.U.R.	BUILT-UP ROOF(ING)	H.B.	HOSE BIBB	R	THERMAL
00.5	OUDD AND DO	HBD.	HARDBOARD	R.A.	RESISTANCE RETURN AIR
C&G CAB.	CURB AND GUTTER CABINET	H.C.	HOLLOW CORE	R.D. REFL.	ROOF DRAIN REFLECTED
C.B.	CARRIAGE BOLT	HD. H.D.	HEAD HEAVY DUTY	REFL. REFR.	REFRIGERATOR
CEM. CER.	CEMENT CERAMIC	HDR. HDW.	HEADER HARDWARE	REINF. REM.	REINFORCED REMOVE
C.F.	CUBIC FOOT	HDWD.	HARDWOOD	REQD.	REQUIRED
C.I. C.J.	CAST IRON CONSTRUCTION JOINT	H.M. H.M.D.	HOLLOW METAL HOLLOW METAL DOOR	RESIL. R.H.	RESILIENT RIGHT HAND
C.L.	CENTER LINE	11	HOLLOW METAL BOOK	R.H.W.S.	ROUND HEAD WOOD
C.L.F. CLG.	CHAIN LINK FENCE CEILING	H.M.F.	HOLLOW METAL FRAME	RM.	SCREW ROOM
CLO. CLR.	CLOSET CLEAR	HORIZ.	HORIZONTAL	R.O.	ROUGH OPENING
CL.RM.	CLASS ROOM	HR. HT.	HOUR HEIGHT	R.O.W. RWD.	RIGHT-OF-WAY REDWOOD
CMU	CONCRETE MASONRY UNIT	HVAC	HEATING/VENTIL-	RWL	RAIN WATER LEADER
CTR.	COUNTER		ATING/AIR COND- ITIONING	s	SOUTH
COL. CONC.	COLUMN CONCRETE	HWY	HIGH WAY	S.A.	SUPPLY AIR
CONN.	CONNECTION			S.C. SCH.	SOLID CORE SCHEDULE
CONSTR. CONT.	CONSTRUCTION CONTINUOUS	I.D.	INSIDE DIAMETER/	S.D.	STORM DRAIN
CONTR.	CONTRACTOR	INFO	DIMENSION INFORMATION	SECT. SF	SECTION SQUARE FEET/FOOT
CPT. CRC	CARPET COLD ROLLED CHANNEL	INSUL. INT.	INSULATION INTERIOR	SHR.	SHOWER
CTR.	CENTER	""	INTERIOR	SHTG. SIM.	SHEATHING SIMILAR
CTSK	COUNTERSUNK	JAN.	JANITOR	S.M. S.O.G.	SHEET METAL SLAB-ON-GRADE
C.Y.	CUBIC YARD	JT.	JOINT	SPEC(S).	SPECIFICATION(S)
		KIT.	KITCHEN	SPKR. SQ.	SPEAKER SQUARE
D.A. DBL.	DISABLED ACCESS DOUBLE	K.O. K.O.P.	KNOCK OUT KNOCK OUT PANEL	S.S. STA.	STAINLESS STEEL STATION
DEMO	DEMOLISH/			STC	SOUND TRANS-
D.F.	DEMOLITION DRINKING FOUNTAIN	LAB.	LABORATORY	STD.	MISSION CLASS STANDARD
DET	OR DOUGLAS FIR	LAM. LAV.	LAMINATE LAVATORY	STL.	STEEL
DET. DIAG.	DETAIL DIAGONAL	LB(S)	POUND (POUNDS)	STOR. STRUCT.	STORAGE STRUCTURAL
DIA. DIM.	DIAMETER DIMENSION	L.B. L.F.	LAG BOLT LINEAL FOOT	SUSP.	SUSPENDED
DISP.	DISPENSER	L.H.	LEFT HAND	S.W. SYM.	SIDE WALK SYMMETRICAL
DN. DP.	DOWN DEEP	LIB. LT.	LIBRARY LIGHT		
DS	DOWN SPOUT	LT.WT.	LIGHT WEIGHT	T.C.	TOP OF CONCRETE
DWG.(S) DWR.	DRAWING DRAWER			TEMP. TMPD.	TEMPORARY TEMPERED
	DRAWING	MACH.	MACHINE	TEMP. TMPD. T&G	TEMPERED TONGUE AND
DWR.	DRAWING DRAWER	MACH. MAINT. MAX.	MACHINE MAINTENANCE MAXIMUM	TMPD. T&G	TEMPERED TONGUE AND GROOVE
	DRAWING	MAINT. MAX. M.B.	MAINTENANCE MAXIMUM MACHINE BOLT	TMPD. T&G THD. THK.	TEMPERED TONGUE AND GROOVE THREADED THICK
DWR. E EA. E.F.	DRAWING DRAWER EAST EACH EXHAUST FAN	MAINT. MAX.	MAINTENANCE MAXIMUM	TMPD. T&G THD.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT
DWR.	DRAWING DRAWER EAST EACH	MAINT. MAX. M.B. M.B.M.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL	TMPD. T&G THD. THK. T.I. TK.BD.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD
E EA. E.F. EGR. E.J. EL.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE	TMPD. T&G THD. THK. T.I.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT
E EA. E.F. EGR. E.J. ELL. ELEC. ELEV.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR	MAINT. MAX. M.B. M.B.M. MECH. MED.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD.
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TELEPHONE
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXH. EXST. EXP. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W/ W.C.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT.	EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT. EXP. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W/ W.C. W.CH. WD. WDW.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COL CALIFORNIA MECHAN	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W/ W.C. W.CH. WD.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT. EXP. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COL	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W/ W.C. W.CH. WD. WDW. WF W.H. W/O	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA' INTERNATIONAL CONI	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W/ W.C. W.CH. WD. WDW. WF W.H.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. E.W. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COL CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S. WT.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW WEIGHT
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STAT INTERNATIONAL CONI OFFICIALS	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING ATION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM-INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW
E EA. E.F. EGR. E.J. EL. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA' INTERNATIONAL CONI OFFICIALS NATIONAL SANITATION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING ATION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S. WT.	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW WEIGHT WELDED WIRE
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA' INTERNATIONAL CONI OFFICIALS NATIONAL SANITATION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING ATION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S. WT. WWF	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW WEIGHT WELDED WIRE FABRIC
E EA. E.F. EGR. E.J. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA' INTERNATIONAL CONI OFFICIALS NATIONAL SANITATION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING ATION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S. WT. WWF	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW WEIGHT WELDED WIRE FABRIC
E EA. E.F. EGR. E.J. EL. ELEC. ELEV. EMB. EMER. E.N. ENCL. EQ. EQUIP. EVAP. EXT. EXT.	DRAWING DRAWER EAST EACH EXHAUST FAN ENGINEER EXPANSION JOINT ELEVATION ELECTRIC(AL) ELEVATOR EMBEDMENT EMERGENCY EDGE NAILING ENCLOSURE EQUAL EQUIPMENT EVAPORATIVE EACH WAY EXHAUST EXISTING EXPANSION EXTERIOR CALIFORNIA BUILDING CALIFORNIA FIRE COE CALIFORNIA MECHAN CALIFORNIA PLUMBIN DIVISION OF THE STA' INTERNATIONAL CONI OFFICIALS NATIONAL SANITATION	MAINT. MAX. M.B. M.B.M. MECH. MED. MEMB. MET. MFR. MH. MKR. MIN. MISC. M.O. MTD. MTG. MULL. N N.I.C. NO. NOM. N.R.C. N.T.S.	MAINTENANCE MAXIMUM MACHINE BOLT METAL BUILDING MANUFACTURER MECHANICAL MEDIUM MEMBRANE METAL MANUFACTURER MANHOLE MARKER MINIMUM MISCELLANEOUS MASONRY OPENING MOUNTED MEETING MULLION NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE E TECT OF BUILDING ATION	TMPD. T&G THD. THK. T.I. TK.BD. T.O.S. T.P. TS TEL. TTB TV TYP. U.G. U.N.O. UR. VCT VERT. VTR VWC W W.C. W.CH. WD. WDW. WF W.H. W/O W.P. W.S. WT. WWF	TEMPERED TONGUE AND GROOVE THREADED THICK TENANT IMPROVEMENT TACK BOARD TOP OF STEEL TOP OF PAVEMENT TUBE STEEL TELEPHONE TELEPHONE TERM- INAL BACK BD. TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE URINAL VINYL COMPOSITION TILE VERTICAL VENT TO ROOF VINYL WALL COVERING WEST OR WIDTH/WIDE WITH WATER CLOSET WHEEL CHAIR WOOD WINDOW WIDE FLANGE WATER HEATER WITHOUT WATERPROOF WOOD SCREW WEIGHT WELDED WIRE FABRIC

CHILD DEVELOPMENT CENTER MERCED COLLEGE LOS BANOS CAMPUS MERCED COMMUNITY COLLEGE

DISTRICT

TURLOCK

LA GRANGE

SNELLING/

MERCED

PLANADA

PRAIRIE SPRINGS DR.

CARDOZA DR.

MADERA

NORTH

MUNICIPAL

MANTECA

RATTERSON

AREA MAP

GUSTINE



DSA APP # 02-120552

DSA FILE # 24-C1

GENERAL

G000

C1.1

_ANDSCAPE L100

A101

COVER SHEET

SITE PLAN

SITE DETAILS

SITE DETAILS

SITE DETAILS

GENERAL NOTES AND SPECIFICATIONS

TOPOGRAPHIC AND DEMOLITION PLAN

EROSION CONTROL PLAN, NOTES, AND DETAILS

DETAILS AND CROSS SECTIONS

DETAILS AND CROSS SECTIONS

DIMENSION AND PAVING PLAN

GRADING AND DRAINAGE PLAN

LANDSCAPE DEMOLITION PLAN

IRRIGATION DEMOLITION PLAN LANDSCAPE PLANTING PLAN LANDSCAPE IRRIGATION PLAN LANDSCAPE IRRIGATION LEGEND LANDSCAPE AND IRRIGATION DETAILS

LANDSCAPE AND IRRIGATION DETAILS

POWER, SIGNAL, AND FIRE ALARM PLAN

A1.1A-PS FLOOR PLAN & HARDWARE SCHEDULE (BUILDING D)

A1.1B-PS FLOOR PLAN & HARDWARE SCHEDULE (BUILDING E)

A5.1A-PS EXTERIOR & INTERIOR ELEVATIONS (BUILDING D)

A5.1B-PS EXTERIOR & INTERIOR ELEVATIONS (BUILDING E

P1.0A-PS | SCHEDULE & PLUMBING PLAN (BUILDING D)

P1.0B-PS SCHEDULE & PLUMBING PLAN (BUILDING E

P2.0A-PS PLUMBING SCHEMATICS (BUILDING D)

P2.0B-PS PLUMBING SCHEMATICS (BUILDING E)

M-1.1-36 | MECHANICAL PLAN (BUILDING D)

M-1.2-36 MECHANICAL PLAN (BUILDING E)

SHADE STRUCTURE PC # 04-120090

A001 TITLE SHEET

TOTAL PAGES: 81

S-1 GENERAL NOTES & SPECIFICATIONS

S1.1 GENERAL NOTES AND TYPICAL DETAILS

GENERAL NOTES AND TYPICAL DETAILS

GENERAL NOTES AND TYPICAL DETAILS

CUSTOM CANOPIES 2019 CBC DWGS

CUSTOM CANOPIES 2019 CBC DWGS

CUSTOM CANOPIES 2019 CBC DWGS

A2.1A-PS REFLECTED CEILING PLAN & LIGHTING PLAN (BUILDING D

A2.1B-PS REFLECTED CEILING PLAN & LIGHTING PLAN (BUILDING E)

F3.0 FLUSH TO GRADE CONCRETE FOUNDATION DETAILS

F3.1 FLUSH TO GRADE CONCRETE FOUNDATION PLAN

COVER SHEET, BLDG DATA, SHEET INDEX

STANDARDS ARCHITECTURAL PLUMBING DETAILS

E-1.1-36 | ELECTRICAL LIGHTING / POWER PLAN & FIRE ALARM (BUILDING D)

E-1.2-36 ELECTRICAL LIGHTING / POWER PLAN & FIRE ALARM (BUILDING E)

TRUSS @ MODELINE W/ PLYWOOD FLOOR (80MPH WIND)

EXTERIOR WALL FRAMING ELEVATIONS FOR STEEL STUDS

ROOF FRAMING PLAN W/ 22 GA. ROOF (80 & 90 MPH WIND)

S-60 DUAL SLOPE TRUSS & DETAILS 20 PSF ROOF (80 MPH WIND)

ROOF FRAMING DETAILS W/ 22 GA. ROOF (80 & 90 MPH WIND)

CONSTRUCTION NOTES, BLDG, MATERIALS, DOOR, WINDOW & FINISH SCHEDULES

RIGID FRAME SECTIONS & DETAILS, DUAL SLOPE W/LIGHT GA. SIDEWALL BEAM W/

FLOOR FRAMING PLAN & DETAILS W/ PLYWOOD FLOOR (80 & 90 MPH WIND)

STEEL STUD WALL FRAMING ELEVATIONS (STEEL STUDS, 80 & 90 MPH WIND)

GENERAL NOTES & SPECIFICATIONS

STANDARDS ARCHITECTURAL DETAILS

A-1.1-36 | FLOOR PLAN & EXTERIOR ELEVATIONS (BUILDING D)

A-2.1-36 ROOF PLAN & INTERIOR ELEVATIONS (BUILDING D)

A-3.1-36 REFLECTED CEILING PLAN & DETAILS (BUILDING D)

A-1.2-36 | FLOOR PLAN & EXTERIOR ELEVATIONS (BUILDING E) A-2.2-36 ROOF PLAN & INTERIOR ELEVATIONS (BUILDING E)

A-3.2-36 | REFLECTED CEILING PLAN & DETAILS (BUILDINGE E)

FIRE ALARM RISER DIAGRAM & CALCULATIONS

ELECTRICAL SCHEDULES, LEGENDS, AND NOTES

LANDSCAPE AND IRRIGATION NOTES

FIRE AUTHORITY SITE PLAN

ENLARGED SITE PLAN

BUILDING / SITE DETAILS

ELECTRICAL SITE PLAN

ELECTRICAL DETAILS

SINGLE LINE DIAGRAM

A1.2A-PS FRAMING PLAN (BUILDING D)

A1.2B-PS FRAMING PLAN (BUILDING E

E1.0A-PS ELECTRICAL PLAN (BUILDING D)

E1.0B-PS ELECTRICAL PLAN (BUILDING E)

M1.0A-PS MECHANICAL PLAN (BUILDING D)

M1.0B-PS | MECHANICAL PLAN (BUILDING E)

F0.0 GENERAL DETAILS

MODULAR PC STOCKPILE # 01-105425

COMPOSITE UTILITY PLAN

GENERAL

PROJECT ADDRESS: MERCED COLLEGE 22240 CA-152 LOS BANOS, CA. 93635

PROJECT DESCRIPTION

THIS PROJECT CONSIST OF INSTALLATION OF (2) - 36'X 40' MODULAR BUILDINGS (DSA PC APPROVED STOCKPILE #01-105425 SERIAL # 2AH10101 / 2AH10102 / 2AH10103 / 2AH10104 / 2AH10105 / 2AH10106) AND ASSOCIATED SITE WORK FOR THE INFANT/TODDLER 0-2 YEARS AGE GROUP & PRE-K SERVING THE 2-5 YEAR AGE GROUP. SCOPE OF SITE WORK SHALL INCLUDE APPROXIMATELY 8.000 SF OF PLAY AREA, 2 - CLOTH SHADE CANOPIES 30' X 30' (DSA PC #04-120090 APPROVED), TURF AREAS, PAVED PLAY AREAS, SECURITY FENCING AND PAVED PARKING.

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS. INCLUDING BUT NOT LIMITED TO SHO DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS.

APPLICATION NO:.

THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

 DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND

2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART I.

11/28/2022

07-31-2023

ELECTRICAL ENGINEER TETER, LLP

7535 N. PALM AVE., SUITE 201

FRESNO, CA 93711

(559) 437-0887

EXPIRATION DATE

I CERTIFY THAT:

ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX THIS DRAWING OR PAGE

IS/ARE IN GENERAL CONFORMANCE AND HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS

ARCHIZECT'S SIGNATURE JAMES E. HICKMAN JR. ARCHITECT/ PARTNER

LICENSE NUMBER

TETER, LLP

ARCHITECT'S STATEMENT

OWNER MERCED COLLEGE MERCED COMMUNITY COLLEGE DIST. 22240 CA-152 **LOS BANOS, CA. 93635**

(209) 384-6000 **CONTACT: MARCUS METCALF**

VICINITY MAP

E-MAIL: marcus.metcalf@mccd.edu

CIVIL ENGINEER NORTHSTAR ENGINEERING GROUP, INC. 620 12TH ST. **MODESTO, CA 95354** (209) 524-3525

CONTACT: CHRISTIAN GRAJEDA E-MAIL: CGrajeda@nseng.net

PROJECT ARCHITECT TETER, LLP

7535 N. PALM AVE., SUITE 201

FRESNO, CA 93711 (559) 437-0887 CONTACT: JAMES E. HICKMAN, JR.

E-MAIL: jamie.hickman@teterae.com

MODULAR BUILDER GLOBAL MODULAR

450 COMMERCE AVE **ATWATER, CA. 95301** (209) 676-8029 **CONTACT: AARON HAMILTON** E-MAIL: evan.bastian@teterae.com

CONTACT: EVAN BASTIAN

LANDSCAPE ARCHITECT DAVID BIGLER ASSOCIATES **516 W. SHAW AVE., SUITE 101 FRESNO, CA 93704** (559) 276-9495

CONTACT: DAVID BIGLER E-MAIL: davebigler@aol.com **BID DOCUMENTS ONL'** DSA APPROVED REQUIRED PRIOR TO CONSTRUCTION

any other project without	CD 11/28/2022 DSA BACKCHECK	11/28/2022	СО
instrument of professional service, is not to be used	DESCRIPTION	DATE	MARK
incorporated herein, as a			
ideas and designs			
nlane. This document, the			
property rights in these			
copyright and other			
Teter, LLP expressly reserves its common law			



PROJECT DIRECTORY

SHEET INDEX

22-12075

E-MAIL: ahamilton@gdvi.net

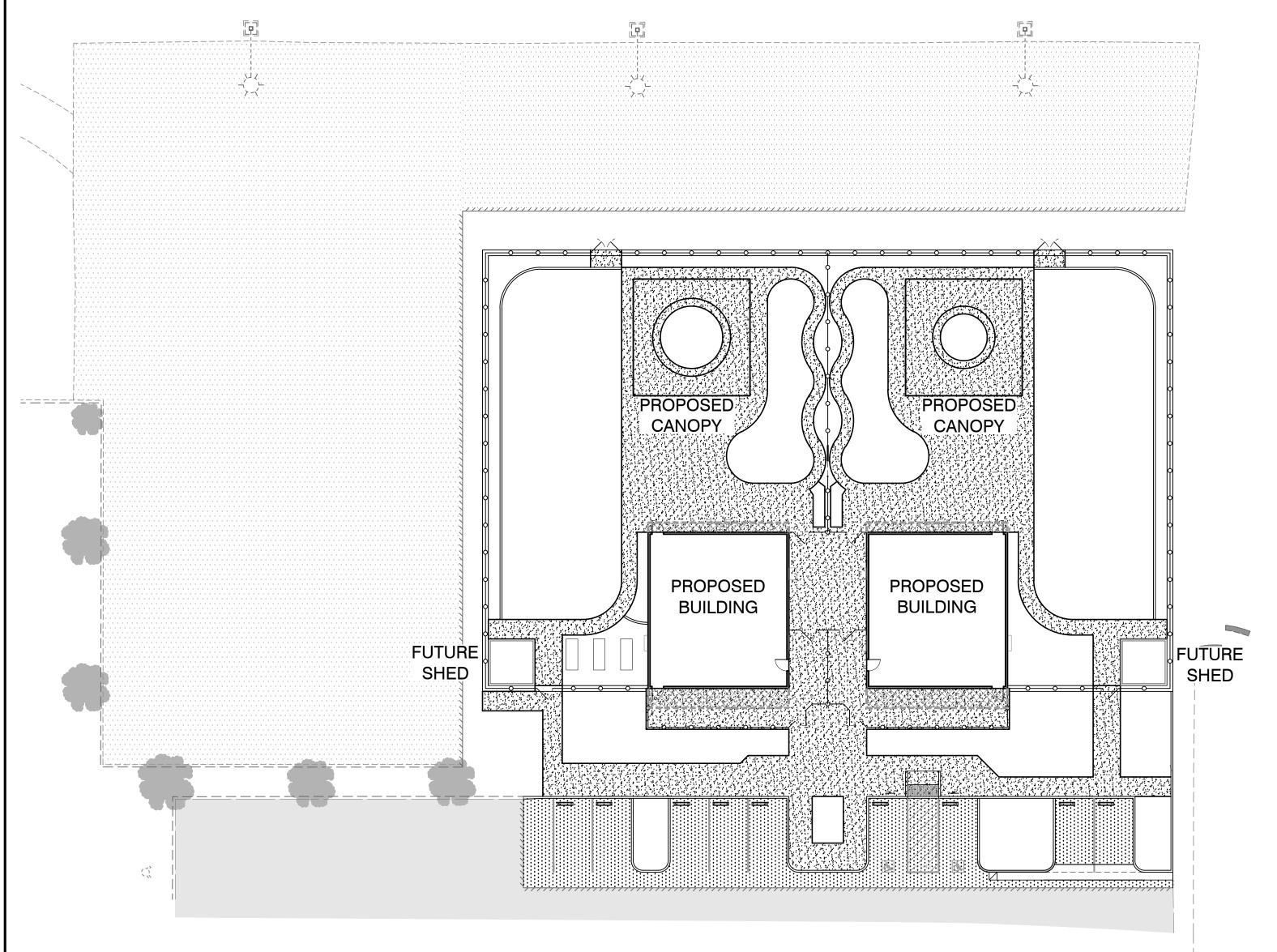
	EXISTING	PROPOSED
BOUNDARY LINE		<u> </u>
CENTERLINE		l —— — ——
RIGHT-OF-WAY		
PARCEL LINE		
MONUMENT	N/A	
SAWCUT	N/A	
CURB, GUTTER AND SIDEWALK	=======================================	
EDGE OF PAVEMENT		
CONCRETE VALLEY GUTTER	N/A	
TRENCH DRAIN	N/A	
STORM DRAIN (MAIN)	—— so -⟨ <u>Ex12"SD</u> i so ——	12"SD
FORCE MAIN	so- <u>-</u> 1 <u>2"FM</u> so	12"FM
DRAINAGE SWALE	—	
STORM DRAIN MAINTENANCE HOLE	SD)	SD
CURB INLET		
DRAIN INLET		
DRAIN INLET ON MAINTENANCE HOLE	((<u>(</u>)
STORM DRAINAGE FILTER	12	
STORM DRAINAGE FILTER	N/A	39
WATER (MAIN)	—— — w —_[<u>Ex</u> 8 <u>"</u> W] ——	8"W
WATER (SERVICE)	——— w -[<u>Ex</u> 8 <u>"</u> W]- w ——=	8"W
WATER VALVE	₩V ⊗	WV ⊗
WATER VALVE WATER BLOW OFF VALVE		
	& &	9
BACK FLOW PREVENTER	BFP	BFP
DOUBLE DETECTOR CHECK VALVE	¤ ⊗ i⊗⊐ DDCV	□⊗⊗□ DDCV
POST INDICATOR VALVE (SINGLE)	₽IV	⊗ PIV
FIRE DEPARTMENT CONNECTION	}≺ FDC ⊤	FDC
FIRE HYDRANT	~~	₩
FIRE SPRINKLER RISER	N/A	+ FSR
WATER METER	[W]	W
SERVICE STUB	N/A	
CLEANOUT	₩	
SEWER MAINTENANCE HOLE	(S)	
GREASE TRAP	N/A	<u> </u>
SEWER (MAIN)	— — ss – (<u>Ex 12 "SSi</u> —	12"SS
JOINT TRENCH (APPROX LOCATION)	— JT— — —	N/A
TRANSFORMER (APPROX LOCATION)	N/A	
OVER HEAD ELECTRICAL	— — ОНЕ — — —	N/A
SERVICE POLE	SP •	N/A
JOINT POLE	JP - ● -	N/A
JOINT POLE WITH LIGHT	JP ∀⊱⊕	N/A
POWER POLE	PP	N/A
	TP_	·
TELEPHONE POLE	- 	N/A
GUY	€ -	N/A
ELECTRICAL MANHOLE	٠	N/A
ELECTROLIER	5	
UTILITY BOX	こ	
GAS LINE	——————————————————————————————————————	N/A
GAS VALVE	⊗ GV	N/A
FINISH FLOOR ELEVATION (PROPOSED)	N/A	FF=100.00
BUILDING PAD	, N/A	[PAD=68.2]
TOP OF CURB ELEVATION	(68.34 TC)	68.34 TC
ORIGINAL GROUND	,068 ³	N/A
DIRECTION OF FLOW	003	003
CONTOURS	-32-	32
WALL (SEE LABEL FOR TYPE)		(salah salah salah kalah kalah salah salah kalah kalah salah salah salah salah salah salah
FENCE (CHAINLINK OR VINYL)		
FENCE (WIRE OR HOGWIRE)	××	xxx
FENCE (WOOD OR WROUGHT IRON)		
FENCE (SPLIT RAIL)		
TREE OR SHRUB		N/A
	5	·
TREE STUMP	A 	N/A
IRRIGATION LINE	—— I - <u>Ex48*IRR</u> : ——	—— I - 48"IRR ——
IRRIGATION VALVE	& IV	N/A
IRRIGATION PRESSURE MANHOLE/VENT	賣	œ = = = = [₩]
SIGN	− ₹	- 0 -
R-VALUE SAMPLE LOCATION	N/A	● RV-X
KEYNOTE SYMBOL	X	\overline{X}
		DETAIL NO.
DETAIL BUBBLE	N/A	X OR P
		SHEET NO.

ACCESSIBLE PATH OF TRAVEL

CIVIL IMPROVEMENT PLANS FOR

LOS BANOS CHILD DEVELOP. CENTER MERCED COLLEGE

LOS BANOS, CALIFORNIA



ABBREVIATIONS

••••••

±	PLUS OR MINUS (NOT EXACT)	DR	DRIVE	MC	MERCED COUNTY	RP	REDUCED PRESSURE
@	AT	DW	DRIVEWAY	MH	MAINTENANCE HOLE	BP	BACKFLOW PREVENTER
AB	AGGREGATE BASE	E	EAST	MIN	MINIMUM	S	SLOPE OR SOUTH
4C	ASPHALT CONCRETE	EC	END OF CURVE	N	NORTH	SCDA	SINGLE CHECK DETECTOR
ACC	ACCESSIBLE	EM	ELECTRIC METER	NDS	NDS INC. (MANUFACTURER)		ASSEMBLY
ADTT	AVERAGE DAILY TRUCK TRAFFIC	ELC	ELECTROLIER	NIC	NOT INCLÙDED	SD	STORM DRAIN
4G	ATRIUM GRATE	ELEV	ELEVATION	NSE	NORTHSTAR ENGINEERING	SG	SUB-GRADE
ALT	ALTERNATE	EP	EDGE OF PAVEMENT	NTS	NOT TO SCALE	SHT	SHEET
APN	ASSESSORS PARCEL NUMBER	ER	END OF RETURN	OC	ON CENTER	SIM	SIMILAR
ASR	AUTOMATIC SPRINKLER RISER	ESMT OR EASE	EASEMENT	OF	OFFSET	SNS	STREET NAME SIGN
AVE	AVENUE	EX OR EXIST	EXISTING	OG	ORIGINAL GROUND / GRADE	ST	STREET
3C	BEGIN CURVE	FDC	FIRE DEPARTMENT CONNECTION	OHE	OVER HEAD ELECTRIC	STL	STEEL
BDRY	BOUNDARY	FES	FLARED END SECTION	P OR PAV	PAVEMENT	STA	STATION
3FP	BACK FLOW PREVENTOR	FF	FINISH FLOOR	PCC	POINT OF COMPOUND CURVE OR	STD	STANDARD
3K	BOOK	FG	FINISH GRADE		PORTLAND CEMENT CONCRETE	S/W OR SW	SIDEWALK
ЗМ	BENCH MARK	FH	FIRE HYDRANT	PG	PAGE	SS	SANITARY SEWER
3W	BACK OF WALK	FL	FLOW LINE	PG&E	PACIFIC GAS AND ELECTRIC	TC	TOP OF CURB
3SL	BUILDING SETBACK LINE	FM	FORCE MAIN	PIV	PRESSURE INDICATOR VALVE	TD	TRENCH DRAIN
BVC	BEGIN VERTICAL CURVE	FS	FIRE SERVICE	PL	PROPERTY LINE	TDC	TOP OF DRIVE OVER CURB
C&G OR C.G.	CURB AND GUTTER	FSR	FIRE SPRINKLER RISER	PM	PARCEL MAP	TEMP	TEMPORARY
CB	CATCH BASIN	GB	GRADE BREAK	POC	POINT OF CONNECTION	TG	TOP OF GRATE
CDS	CONTINUOUS DEFLECTION	GR	GRATE, GRADE, OR GROUND	PP	POWER POLE	THRU	THROUGH
	SEPARATORS	GS	GROUND SHOT ELEVATION	PRC	POINT OF REVERSE CURVATURE	TI	TRAFFIC INDEX
CIP	CAST IRON PIPE	GS@W	GROUND SHOT AT WALL	PROF	PROFILE	TID	TURLOCK IRRIGATION DISTRICT
E OR CL	CENTER LINE	GV	GATE VALVE	PT	POINT	TW	TOP OF WALL
CMP	CORRUGATED METAL PIPE	HORIZ	HORIZONTAL	PTDF	PRESSURE TREATED DOUGLAS FIR	TPE	TREE PLANTING EASEMENT
CO	CLEAN OUT	HP	HIGH POINT	PUE	PUBLIC UTILITY EASEMENT	TVC	TOP OF VERTICAL CURB
COL OR C.O.L.	CITY OF LOS BANOS	HPS	HIGH PRESSURE SODIUM	PVC	POLYVINYL CHLORIDE PIPE	TYP	TYPICAL
COMP.	COMPACTION	HT	HEIGHT	RW	RECLAIMED WATER	UON	UNLESS OTHERWISE NOTED
CONC OR CC	CONCRETE	HWY	HIGHWAY	R/W	RIGHT-OF-WAY	VERT	VERTICAL
CR	CURB RETURN	ID	INSIDE DIAMETER	R	RADIUS	VCP	VITRIFIED CLAY PIPE
CT.	COURT	INV	INVERT	RC	RELATIVE COMPACTION	W	WATER OR WEST
CV	CHECK VALVE	IRR	IRRIGATION	RCP	REINFORCED CONCRETE PIPE	WM	WATER METER
DDCV	DOUBLE DETECTOR CHECK VALVE	LF	LINEAL FEET OR LINEAR FEET	R.D.	RELATIVE DENSITY	WS	WATER SERVICE
)I	DRAIN INLET	LN	LANE	RD	ROAD	WY	WAY
OIA	DIAMETER	LP	LOW POINT	RET	RETURN	W/	WITH
OIP	DUCTILE IRON PIPE	LT	LEFT	RPDA	REDUCED PRESSURE DETECTOR	WWF	WELDED WIRE FABRIC
DOM)	DOMESTIC	JT	JOINT TRENCH		ASSEMBLY		
l		MAX	MAXIMUM	RV	RESISTANCE VALUE	ļ	

PREPARED FOR

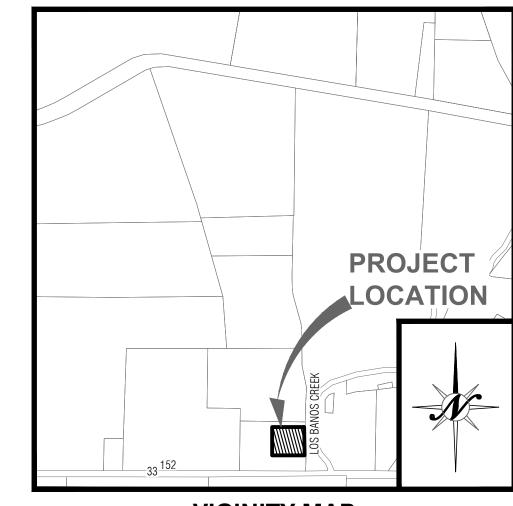
TETER, LLP. 7535 N. PALM AVENUE., SUITE 201 FRESNO, CA 93711 P: (559) 437-0887 JAMES E. HICKMAN, JR.

PROJECT LOCATION

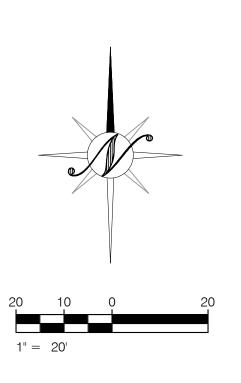
SITE ADDRESS MERCED COLLEGE LOS BANOS CAMPUS 22240, CA-152 BUILDING A LOS BANOS, CA 93635

BENCHMARK

USGS X 1235 (PID AC5729) VERTICAL CONTROL DISK 4.35 MILES EAST ALONG STATE ROUTE 152 FROM THE INTERSTATE 5, STATE ROUTE 152 INTERCHANGE, TO THE EAST SIDE OF LOS BANOS CREEK AND THE STATION ON THE RIGHT, SET ON TOP OF THE EAST END OF A TRIPLE BOX CULVERT HEADWALL



VICINITY MAP



SHEET INDEX

GENERAL INFORMATION

C1.3 DETAILS AND CROSS SECTIONS

C3.1 DIMENSION AND PAVING PLAN

C4.1 GRADING AND DRAINAGE PLAN

C5.1 COMPOSITE UTILITY PLAN

EROSION CONTROL PLAN

4. C1.4 DETAILS AND CROSS SECTIONS

C1.2 GENERAL NOTES AND SPECIFICATIONS

C2.1 TOPOGRAPHIC AND DEMOLITION PLAN

C6.1 EROSION CONTROL PLAN, NOTES AND DETAILS

C1.1 COVER SHEET

SITE PLANS

on law
rhese
nt, the
nt, the
sssional
se used
tipor
without
ization.

any other project w prior written authori	12/20/22 DSA SUBMITTAL SET	12/20/22	
in whole or in part,			
service, is not to b	DESCRIPTION	DATE	MARK
instrument of profer			
incorporated herein,			
ideas and designs			
plans. This documer			
property rights in the			
copyright and other			
reserves its commo			





PROJECT NO.

OF LOS BANOS.

- 2. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CITY OF LOS BANOS ("CITY") STANDARD SPECIFICATIONS AND THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE COUNTY AND/OR CALIFORNIA BUILDING CODE STANDARDS, THE COUNTY AND/OR CALIFORNIA BUILDING CODE STANDARDS SHALL PREVAIL. ALL WORK SHALL BE SUBJECT TO THE INSPECTION OF THE CITY
- 3. PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE REGULATORY AGENCIES FOR A PRE-CONSTRUCTION CONFERENCE. CONTRACTOR SHALL ALSO NOTIFY THE PROJECT CONTACTS LISTED ON THIS SHEET FORTY-EIGHT (48) HOURS IN ADVANCE OF SAID MEFTING
- 4. IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING GROUP, INC. ("ENGINEER") IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS AND SPECIFICATIONS. IF THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- 5. IF NORTHSTAR ENGINEERING GROUP, INC. IS TO PERFORM ANY SURVEY STAKING, THEN CONSTRUCTION STAKING FOR GRADING, CURB, GUTTER, SIDEWALK, SANITARY SEWER, STORM DRAIN, AND WATER SHALL BE DONE UNDER THE DIRECTION OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SEVENTY-TWO (72) HOURS IN ADVANCE OF THIS NEED FOR STAKING ANY STAKING REQUESTED BY THE CONTRACTOR OR HIS SUBCONTRACTORS THAT IS ABOVE AND BEYOND NORMAL STANDARD STAKING NEEDS AS OUTLINED IN THE CONTRACT, WILL BE SUBJECT TO AN EXTRA BACK CHARGE TO THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSE FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- 7. 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, ENGINEER AND THE CITY 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 FINGINFER
- 8. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- 9. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT ISSUE OF "MANUAL OF TRAFFIC CONTROLS, WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAY" PUBLISHED BY THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY. CONTRACTOR SHALL COORDINATE WITH THE GOVERNING LOCAL AGENCY TO DETERMINE IF ANY CHANGES TO THE CLASSIFICATION OR OPERATION OF A ROADWAY ARE REQUIRED DUE TO THE IMPROVEMENTS SHOWN ON THESE PLANS (SUCH AS SPEED LIMITS, INTERSECTION TYPE, ETC.) AND SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INTERIM TRAFFIC MANAGEMENT MEASURES REQUIRED BY THE GOVERNING AGENCY, INCLUDING TRANSITIONAL SIGNAGE AND STRIPING IN PREPARATION OF AND TO BE INSTALLED PRIOR TO COMPLETION AND ACCEPTANCE OF ULTIMATE SIGNAGE AND STRIPING. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH IMPLEMENTING THESE MEASURES.
- 10. THE OFFICE OF THE CITY OF LOS BANOS PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY WORK.
- 11. CABLE TV, ELECTRICAL, GAS, AND TELEPHONE UNDERGROUND WORK SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE CURB, GUTTER, SIDEWALK AND PAVING.
- 12. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF LOS BANOS, DEPARTMENT OF PUBLIC WORKS OR ANY OTHER APPLICABLE AGENCY PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING CITY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
- 13. THE CITY OF LOS BANOS OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
- 14. STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS ESTABLISHED BY THE ENGINEER.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING DAMAGED EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT.
- 16. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- 17. ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50°F AND RISING.
 18. DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF LOS
- BANOS STANDARD SPECIFICATIONS (I.E. DRAWING SD-01).
- 9. ALL TRENCHES IN PAVED AREAS SHALL BE PAVED WITH TEMPORARY PAVING, OR COVERED WITH A STEEL PLATE OF APPROPRIATE SIZE AND STRENGTH, THE SAME DAY THE PAVEMENT CUT IS MADE.
- 20. WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THES SPECIFICATIONS AND PLANS, THE PAVEMENT SHALL BE REPLACED, AFTER PROPER BACK FILLING, 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.
- 21. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATED, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) FORTY-EIGHT (48) HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
- 22. PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS AND PLANS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INDICATED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
- 23. EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- 24. WE CALL YOUR ATTENTION TO TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONS SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES: (1) PRIOR TO OPENING AN EXCAVATION EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS; I.E. SEWER, WATER, FUEL, ELECTRICAL LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH 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 FORTY-EIGHT (48) HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
- 25. AFTER CONSTRUCTION OF ALL IMPROVEMENTS, THE CONTRACTOR SHALL SUBMIT ONE SET OF REPRODUCIBLE PLANS. FINAL INVERT ELEVATIONS FOR SEWER AND STORM DRAIN LINES THAT ARI TO BE EXTENDED FOR FUTURE CONSTRUCTION SHALL ALSO BE SHOWN ON THE "AS-BUILT" PLANS ALL AS PROVIDED BY THE CONTRACTOR.

GENERAL NOTES (CONT)

- 26. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- 27. THE CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING AT LEAST 48 HOURS PRIOR TO BACK FILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE CITY OF LOS BANOS STANDARD SPECIFICATIONS.
- 28. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND INSTRUMENTATION EQUIPMENT, PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR TO THE DEVELOPER AND APPROVAL AGENCY.
- SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN STRICT CONFORMANCE WITH THE CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS.
- 30. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTORS EXPENSE, AFTER PROPER BACKFILLING AND/OR CONSTRUCTION WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
- 31. DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS. CONTRACTOR SHALL OBTAIN A PERMIT FROM CAL WATER FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY (LOS BANOS FIRE DEPARTMENT.
- 32. CONTRACTOR SHALL PROVIDE CITY WITH A CERTIFICATE SIGNED BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR STATING THAT ALL BUILDING PAD ELEVATIONS ARE IN ACCORDANCE WITH THE APPROVED GRADING PLAN.
- 33. UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTERLINE OF THE STREET. ALL STATIONS OFF CENTER ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS, UNLESS OTHERWISE NOTED.
- 34. DRIVEWAYS ON STREETS TO BE LOCATED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION. DRIVEWAYS SHALL NOT COINCIDE WITH WHEELCHAIR RAMPS.
- 35. IF THE PROJECT IS SUBJECT TO THE INDIRECT SOURCE REVIEW (ISR) REQUIREMENT, THE CONTRACTOR IS REQUIRED TO KEEP DAILY RECORDS OF THE TOTAL HOURS OF OPERATION FOR EACH PIECE OF EQUIPMENT GREATER THAN 50-HORSEPOWER BEING USED ON THE PROJECT SITE DURING CONSTRUCTION. WITHIN 30 DAYS OF COMPLETING CONSTRUCTION OF EACH PROJECT PHASE, A REPORT SUMMARIZING TOTAL HOURS OF OPERATION BY EQUIPMENT TYPE, MODEL, YEAR, AND HORSEPOWER FOR EACH PIECE OF CONSTRUCTION EQUIPMENT GREATER THAN 50-HORSEPOWER MUST BE SUBMITTED TO THE AIR DISTRICT. TO ASSIST IN THIS RECORDKEEPING, THE "DETAILED FLEET TEMPLATE" IS AVAILABLE ON THE DISTRICT'S WEBSITE AT HTTP://WWW.VALLEYAIR.ORG/ISR/ISRFORMSANDAPPLICATIONS.HTM. FOR EACH PROJECT PHASE, THE DISTRICT WILL VERIFY THAT THE FLEET DETAILS ACHIEVED THE REQUIRED EMISSION REDUCTIONS. IF THE CONTRACTOR IS NOT GOING TO MEET THE STANDARDS AND/OR RECORD KEEPING REQUIRED BY THE AIR DISTRICT, THE CONTRACTOR SHALL NOTIFY THE AIR BOARD PRIOR TO CONSTRUCTION SO THE NECESSARY MITIGATION FEE SHALL BE PAID. IF THE AIR BOARD IS NOT NOTIFIED PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO PAY THE PENALTY TO THE AIR BOARD.
- 36. PRIOR TO FINALIZING IMPROVEMENTS AND OPENING ROADS THE CONTRACTOR SHALL COORDINATE WITH THE GOVERNING LOCAL AGENCY FOR POTENTIAL TRAFFIC SIGNAGE AND STRIPING MODIFICATIONS (FOR EXAMPLE, SPEED LIMIT CHANGES OR REDUCTIONS) BEYOND THE PROJECT LIMITS THAT ARE NECESSITATED BY THE CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SIGNAGE AND STRIPING MODIFICATIONS REQUIRED BY THE GOVERNING AGENCY.
- 37. ANY ASSUMPTION MADE BY THE CONTRACTOR IS NOT THE RESPONSIBILITY OF THE ENGINEER OR DESIGN CONSULTANT. CONTRACTOR SHALL SUBMIT A PRE-BID REQUEST FOR INFORMATION (RFI) FOR ANY CLARIFICATION NEEDED AND SHALL BE RESPONSIBLE FOR COMPLETING THE PROJECT AT THE CONTRACTOR'S EXPENSE FOR ANY WRONG ASSUMPTIONS MADE.

GRADING NOTES

- EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF LOS BANOS STANDARDS
 AND THE PROJECT SOILS REPORT. ALL FILL AREAS SHALL BE TESTED AS REQUIRED BY THE CITY OF
 LOS BANOS AND SHALL BE PAID FOR BY THE CONTRACTOR.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR COST OF INITIAL TEST FOR MOISTURE DENSITY CURVE. IF THE FIRST TEST FAILS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF ALL SUBSEQUENT CURVES AND TESTS.
- THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- 4. THE CONTRACTOR SHALL PRESERVE ALL STAKES AND POINTS SET FOR LINES, GRADES OR MEASUREMENT OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO REMOVE THEM BY THE ENGINEER. ALL EXPENSES INCURRED IN REPLACING STAKES THAT HAVE BEEN REMOVED WITHOUT PROPER AUTHORITY SHALL BE PAID FOR BY THE CONTRACTOR.
- 5. CONTRACTOR'S PRICE SHALL INCLUDE COST TO ACHIEVE A BALANCED SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPORT AND EXPORT MATERIAL AS REQUIRED TO BALANCE SITE.
- CONTRACTOR SHALL GRADE ALL LANDSCAPE AREAS TO WITHIN 0.10 FEET OF FINAL GRADE ELEVATIONS WITH APPROPRIATE LANDSCAPE SECTIONS INCLUDED.
- ALL A.C. PAVING SHALL BE FOG SEALED PER SECTION 37 OF CALTRANS STANDARD SPECIFICATIONS, THE LATEST EDITION.
- GRADE TAGS LOCATED ON CURBS REFERENCE TOP OF CURB ELEVATION UNLESS OTHERWISE NOTED. ADDITIONAL DESCRIPTIONS ARE PROVIDED TO DENOTE HORIZONTAL AND VERTICAL CHANGES IN ACCORDANCE WITH ABBREVIATIONS DEFINED ON COVER SHEET.

 THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS OWN EARTHWORK QUANTITIES
- POSSIBLE GRADE ADJUSTMENTS CAN BE MADE.

 10. SITE CONTRACTOR SHALL COORDINATE WITH BUILDING CONTRACTOR TO ACCOMMODATE THE PROPER CLEARANCE BETWEEN THE BOTTOM OF THE STUCCO AND THE TOP OF THE GRADE TREATMENT ALONG THE BUILDING AS APPLICABLE, IN ACCORDANCE WITH SECTION 2512.1.2. OF THE MOST CURRENT CALIFORNIA BUILDING CODE, IF THE SUBJECT BUILDING SIDING TREATMENT

STUCCO. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY GRADES ARE ADJUSTED. CONTRACTOR

FOR BIDDING, CONTRACT AND CONSTRUCTION PURPOSE. IF IT APPEARS THERE WILL BE AN EXCESS

OR SHORTAGE OF MATERIAL, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE IF

- SHALL ALSO APPLY FLASHING WHERE APPLICABLE WITHIN AREAS OF GRADE TRANSITION.

 11. ALL LANDSCAPE AREAS THAT ABUT ANY PORTION OF THE BUILDING SHALL BE GRADED SUCH THAT THE FINISHED GRADE IN LANDSCAPE AREAS SHALL BE A MINIMUM OF EIGHT INCHES (8") BELOW FINISHED FLOOR OF THE ABUTTING BUILDING AND IN NO CASE SHALL THE LANDSCAPE AREA BE GRADED OR LANDSCAPED SUCH THAT WATER DRAINS TOWARD THE BUILDING.
- 12. SINCE THE ENGINEER CANNOT CONTROL THE EXACT METHOD OR MEANS USED BY THE CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE ENGINEER GUARANTEE THE EXACT SOIL CONDITION OVER THE ENTIRE SITE, THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL EARTHWORK QUANTITIES.
- 13. CONTRACTOR IS RESPONSIBLE FOR THE OFF HAUL AND DISPOSAL OF ANY AND ALL EXCESS DIRT FROM CONSTRUCTION SITE.
- CONTRACTOR SHALL COORDINATE WITH THE EXISTING ADJOINING PROPERTY OWNERS PRIOR TO ANY WORK BEING STARTED THAT MAY AFFECT THEIR PROPERTY.
- 15. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION FROM THE PROPOSED GRADING TO THE EXISTING FLOWLINE, CURB, CONCRETE, AND OR PAVEMENT ELEVATIONS.
- 16. THE VALUES SHOWN ON THE GRADING PLAN ARE TO AID THE CONTRACTOR IN DETERMINING THE QUANTITIES OF DIRT TO BE MOVED. THE CUT AND FILL QUANTITIES SHOWN INDICATE A THEORETICAL YARDAGE FIGURE AND ARE GIVEN ONLY AS A CONVENIENCE TO THE CONTRACTOR. THE QUANTITIES SHOWN SHALL NOT BE USED AS THE BASIS OF BID COSTS.

GRADING NOTES (CONT)

- 17. THE VALUES SHOWN ON THE GRADING PLAN ARE FOR REFERENCE AND FEE PURPOSES ONLY.

 SINCE THE ENGINEER CANNOT CONTROL THE EXACT METHOD OR MEANS USED BY THE

 CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE ENGINEER GUARANTEE THE EXACT

 SOIL CONDITION OVER THE ENTIRE SITE, THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL

 EARTHWORK QUANTITIES.
- 18. EARTHWORK QUANTITY VALUES SHOWN ON PAVING PLAN REPRESENT THE DIFFERENCE BETWEEN THE ESTIMATED EXISTING GRADES FROM ASBUILT DOCUMENTS COMPARED WITH THE SUBGRADE STRUCTURAL SECTIONS OF THE PROPOSED GRADING DESIGN. SEE STRUCTURAL SECTIONS IN HATCH LEGEND ON PAVING PLAN.
- 19. ALL EXISTING WELLS AND SEPTIC TANKS SHALL BE REMOVED AND/OR ABANDONED PER THE REQUIREMENTS OF THE COUNTY HEALTH DEPARTMENT AND THE CITY OF LOS BANOS. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- CONTRACTOR SHALL VERIFY BUILDING SUBGRADE SECTIONS WITH ARCHITECT PLANS BEFORE CONSTRUCTION. IF A DISCREPANCY EXISTS, CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATED
- 21. PRIOR TO CONSTRUCTING ANY FLATWORK THE CONTRACTOR SHALL VERIFY THE FINISH FLOOR ELEVATIONS AT ALL DOORS. NOTE THAT FINISH FLOOR ELEVATIONS MAY HAVE BEEN CHANGED DUE TO FOUNDATION ADJUSTMENTS IN FIELD. CONTRACTOR SHALL HOLD ADJUSTED FINISH FLOOR GRADES, ACCOUNT FOR DOOR THRESHOLDS, AND ADJUST GRADES AS NECESSARY TO STAY IN COMPLIANCE WITH CURRENT ADA STANDARDS. CONTRACTOR SHALL NOTIFY NORTHSTAR ENGINEERING IMMEDIATELY IF ANY GRADE ADJUSTMENTS WILL CREATE ADA ACCESSIBILITY ISSUES.
- EARTHWORK QUANTITY CALCULATIONS DO NOT INCLUDE STRIPPING, SHRINKAGE, SWELL FACTORS OR MATERIAL FROM UTILITY TRENCH SPOILS.

NPDES NOTES

STORM DRAIN NPDES PERMIT TO COMPLY WITH THE STATE OF CALIFORNIA'S STATEWIDE GENERAL NPDES PERMIT, REGULATING DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM SOIL DISTURBANCES OF ONE (1) ACRE OR MORE, A NOTICE OF INTENT (NOI) TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED AND THE APPROPRIATE FEE PAID PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, AT THE CONCLUSION OF THE PROJECT A NOTICE OF TERMINATION (NOT) MUST ALSO BE FILED. SUBMIT THE FEE, NOI, AND NOT TO THE STATE WATER RESOURCES CONTROL BOARD UTILIZING THE STORM WATER MULTIPLE APPLICATION AND REPORT TRACKING SYSTEM (SMARTS) AT THE FOLLOWING ADDRESS:

WWW.SMARTS.WATERBOARDS.CA.GOV

FEES AND PAYMENTS CAN BE MADE TO THE FOLLOWING ADDRESS:

STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY ATTN: STORM WATER PERMIT UNIT

P.O. BOX 1977 SACRAMENTO, CA 95812-1977

IF YOU HAVE ANY QUESTIONS CALL JOSEPH HENAO, WATER QUALITY CONTROL ENGINEER, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, AT (916) 255-3028.

THE FOLLOWING MUST BE SUBMITTED TO THE CITY PRIOR TO BEGINNING WORK AND PRIOR TO THE ISSUANCE OF AN ENCROACHMENT PERMIT:

- A) TRANSMITTAL MEMO THAT INCLUDES:
 * THE NAME AND PHONE NUMBER OF THE PERSON RESPONSIBLE FOR SWPPP IMPLEMENTATION
- AND

 * IF APPLICABLE, A LISTING OF THE POST-CONSTRUCTION BEST MANAGEMENT PRACTICES THAT WILL BE INSTALLED TO SATISFY THE REQUIREMENTS OF THE CITY OF LOS BANOS MUNICIPAL CODE CHAPTER TITLES 13 AND 15.
- * COPY OF SWPPP MUST REMAIN ON SITE DURING CONSTRUCTION AT ALL TIMES.
- COPY OF A SIGNED NOTICE OF INTENT FORM OR A WASTE DISCHARGE IDENTIFICATION NUMBER WDID#: CONTRACTOR TO PROVIDE PRIOR TO CONSTRUCTION; IF REQUIRED

DEWATERING NOTES

- THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE AND MAINTAIN ALL MACHINERY APPLIANCES, AND EQUIPMENT TO MAINTAIN ALL EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION. THE CONTRACTOR SHALL DISPOSE OF THE WATER SO AS NOT TO CAUSE DAMAGE TO PUBLIC OR PRIVATE PROPERTY, OR TO CAUSE A NUISANCE OR MENACE TO THE PUBLIC OR VIOLATE THE LAW. THE DEWATERING SYSTEM SHALL BE INSTALLED AND OPERATED SO THAT THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT WHICH WOULD CAUSE DAMAGE OR ENDANGERED ADJACENT STRUCTURES OR PROPERTY. ALL COST 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 EXCAVATIONS TO MAINTAIN THE UNDISTURBED STATE OF NATURAL SOILS AND ALLOW THE PLACEMENT OF ANY FILL TO THE SPECIFIED DENSITY. THE CONTRACTOR SHALL HAVE ON HAND, PUMPING EQUIPMENT AND MACHINERY IN GOOD WORKING CONDITION FOR EMERGENCIES AND SHALL HAVE WORKMEN AVAILABLE FOR IT'S OPERATION. DEWATERING SYSTEMS SHALL OPERATE CONTINUOUSLY UNTIL BACK FILL HAS BEEN COMPLETED TO 1 FOOT ABOVE THE NORMAL STATIC GROUNDWATER LEVEL.
- 2. THE CONTRACTOR SHALL CONTROL SURFACE WATER TO PREVENT ENTRY INTO EXCAVATIONS. AT EACH EXCAVATION, A SUFFICIENT NUMBER OF TEMPORARY OBSERVATION WELLS TO CONTINUOUSLY CHECK THE GROUNDWATER LEVEL SHALL BE PROVIDED.
- THE CONTROL OF GROUNDWATER SHALL BE SUCH THAT SOFTENING OF THE BOTTOM OF EXCAVATIONS, OR FORMATION OF "QUICK" CONDITIONS OR "BOILS", DOES NOT OCCUR. DEWATERING SYSTEMS SHALL BE DESIGNED AND OPERATED SO AS TO PREVENT REMOVAL OF THE NATURAL SOILS. THE RELEASE OF GROUNDWATER AT ITS STATIC LEVEL SHALL BE PERFORMED IN SUCH A MANNER AS TO MAINTAIN THE UNDISTURBED STATE OF THE NATURAL FOUNDATIONS SOILS, PREVENT DISTURBANCE OF COMPACTED BACK FILL, AND PREVENT FLOTATION OR MOVEMENT OF STRUCTURES, PIPELINES AND SEWERS. IF AN NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR DISPOSAL OF WATER FROM CONSTRUCTION DEWATERING ACTIVITIES, IT SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY DEWATERING ACTIVITIES.
- ONE HUNDRED PERCENT STANDBY PUMPING CAPACITY SHALL BE AVAILABLE ON SITE AT ALL TIMES AND SHALL BE CONNECTED TO THE DEWATERING SYSTEM PIPING TO PERMIT IMMEDIATE USE. IN ADDITION, STANDBY AUXILIARY EQUIPMENT AND APPLIANCES FOR ALL ORDINARY EMERGENCIES, AND COMPETENT WORKMEN FOR OPERATION AND MAINTENANCE OF ALL DEWATERING EQUIPMENT SHALL BE ON SITE AT ALL TIMES. STANDBY EQUIPMENT SHALL INCLUDI EMERGENCY POWER GENERATION AND AUTOMATIC SWITCH OVER TO THE EMERGENCY GENERATOWHEN NORMAL POWER FAILS. DEWATERING SYSTEMS SHALL NOT BE SHUT DOWN BETWEEN SHIFTS, ON HOLIDAYS, ON WEEKENDS, OR DURING WORK STOPPAGES.
- SUMPS SHALL BE NO DEEPER THAN 5 FEET AND SHALL BE AT THE LOW POINT OF EXCAVATION. EXCAVATION SHALL BE GRADED TO DRAIN TO THE SUMPS.

STORM DRAIN NOTES

THE CITY OF LOS BANOS.

- ALL STORM DRAIN CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA PLUMBING CODE.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- S. THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5 FEET OR MORE. SAID PROTECTION TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
- PAVING, UNLESS OTHERWISE NOTED. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR MAINTENANCE HOLES.

 ALL STORM DRAIN LINES SHALL BE CLEANED OF ALL SAND AND DEBRIS PRIOR TO ACCEPTANCE BY

ALL MAINTENANCE HOLE RIMS TO BE ADJUSTED TO PROPOSED FINISH GRADE AFTER STREET

- THE CONTRACTOR SHALL EXPOSE ALL EXISTING STORM DRAIN PIPES, WHERE A CONNECTION IS TO BE MADE, AND NOTIFY THE ENGINEER IF THERE IS A DISCREPANCY BETWEEN THE SIGNED PLANS AND THE EXISTING FIELD CONDITION PRIOR TO THE START OF CONSTRUCTION.
- ALL STORM DRAIN PIPE MATERIALS SHALL BE IN ACCORDANCE WITH TABLE 701.2 OF THE 2019 CALIFORNIA PLUMBING CODE. CONTRACTOR SHALL HAVE PIPE MANUFACTURER PERFORM CALCULATIONS TO DETERMINE PIPE CLASS PRIOR TO CONSTRUCTION DUE TO EXCESSIVE DEPTH.

STORM DRAIN NOTES (CONT)

- 8. STORM DRAIN CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND WILL BE RESPONSIBLE FOR PROTECTION OF THE SAME.
- 9. CONTRACTOR TO BE RESPONSIBLE FOR ALL TESTING OF STORM DRAIN FACILITIES IN ACCORDANCE WITH THE CITY OF LOS BANOS STANDARD SPECIFICATIONS AND PLANS.
- 10. STORM DRAINAGE SYSTEM WILL BE PRIVATELY OWNED AND MAINTAINED.
- 11. ALL STORM DRAIN MAINTENANCE HOLES AND BASES SHALL BE PRECAST AND CONSTRUCTED IN ACCORDANCE WITH CITY OF LOS BANOS STANDARDS, CONTRACTOR SHALL SET MAINTENANCE HOLE CASTING AND COVERS TO FINISH GRADE AFTER STREET IMPROVEMENTS ARE COMPLETE, AND SHALL BE RESPONSIBLE FOR LOCATION OF MAINTENANCE HOLES BENEATH THE FINISH PAVEMENT.

SANITARY SEWER NOTES

CONFORMANCE WITH THE CITY OF LOS BANOS STANDARDS.

INCLUDING THE TELEVISING OF ALL SEWER LINES.

- ALL SANITARY SEWER CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS OR APPROPRIATE AGENCY STANDARD SPECIFICATIONS AND PLANS.
- THE CONTRACTOR SHALL EXPOSE EXISTING SANITARY SEWER WHERE CONNECTION IS TO BE MADE, SO THAT THE ENGINEER CAN VERIFY EXISTING FLOW LINES AND LOCATIONS BEFORE START OF CONSTRUCTION.
- 3. SEWER MAINS SHALL BE INSTALLED FROM THE EXISTING FACILITIES UPSTREAM TO THE END OF
- . ALL SANITARY SEWER CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS. MAIN LINES AND LATERAL SHALL BE AIR TESTED FOR LEAKAGE IN
- ALL TESTING REQUIRED BY THE CITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR,
- 6. THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5 FEET OR MORE. SAID PROTECTION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
- 7. SEWER PIPE SHALL BE IN ACCORDANCE WITH TABLE 701.2 OF THE 2019 CALIFORNIA BUILDING CODE. CONTRACTOR SHALL HAVE PIPE MANUFACTURER PERFORM CALCULATIONS TO DETERMINE PIPE CLASS PRIOR TO CONSTRUCTION DUE TO EXCESSIVE DEPTH.
- 8. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- 9. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE HEALTH DEPARTMENT. WHERE SANITARY SEWER SERVICES AND LATERALS CROSS ABOVE WATER MAINS, A 20 FEET MINIMUM JOINT OF PVC C-900, CLASS 200, OR AN 18 FEET JOINT OF CLASS 50 D.I.P., SHALL BE CENTERED ON THE SEWER MAIN. CONTRACTOR SHALL CONSTRUCT ALL CROSSINGS IN ACCORDANCE WITH THE CALIFORNIA HEALTH DEPARTMENT REQUIREMENTS.
- 10. SEWER CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES, AND WILL BE RESPONSIBLE FOR THE PROTECTION OF SAME.
- MAINTENANCE HOLE CASTINGS AND COVERS SHALL BE ADJUSTED TO FINISH GRADES BY THE PAVING CONTRACTOR AFTER STREET IMPROVEMENTS ARE COMPLETED. COST FOR ADJUSTING FACILITIES TO BE INCLUDED IN THE UNIT PRICE FOR MAINTENANCE HOLES AND CLEANOUTS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY MARKING INSTALLED LOCATION OF SERVICE LATERALS. THE CONTRACTOR SHALL STAMP AN "S" AT THE CURB FACE DIRECTLY OVER THE SERVICE.
- . SANITARY SEWER SYSTEM WILL BE PRIVATELY OWNED AND MAINTAINED.

WATER NOTES

THE ENGINEER.

- ALL WATER CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS, CALIFORNIA PLUMBING CODE, CALIFORNIA FIRE CODE, OR APPROPRIATE AGENCY STANDARD SPECIFICATIONS PLANS.
- 2. CONTRACTOR SHALL EXPOSE EXISTING WATER LINES WHERE CONNECTIONS ARE TO BE MADE TO VERIFY EXISTING ELEVATION AND LOCATION PRIOR TO START OF CONSTRUCTION.
- OF THE CITY OF LOS BANOS ENGINEER, OR HIS APPOINTED REPRESENTATIVE.

 4. FOR EXCAVATIONS OF FIVE FEET OR MORE, TRENCHES SHALL BE MADE IN CONFORMANCE WITH

ALL CONNECTIONS TO EXISTING CITY OF LOS BANOS FACILITIES SHALL BE MADE IN THE PRESENCE

- APPROPRIATE SHORING SYSTEM STANDARDS.

 5. PAVING REPLACEMENT TO MATCH EXISTING PAVEMENT SECTION, OR IN ACCORDANCE WITH STREET DETAILS ON THESE PLANS.
- WATER LINE TESTING SHALL BE AS FOLLOWS:
 A) ALL WATER LINES SHALL BE TESTED AND DISINFECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS AND THE AMERICAN WATER WORKS ASSOCIATION
- (AWWA) STANDARDS, SECTION C-651.

 B) WATER LINE TESTING SHALL INCLUDE: HYDROSTATIC PRESSURE TESTING PER CITY OF LOS BANOS STANDARDS & SPECIFICATIONS; BACTERIOLOGICAL TESTING PER OF CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS.
- C) AFTER THE FINAL FLUSHING AND BEFORE THE NEW WATER MAIN IS CONNECTED TO THE DISTRIBUTION SYSTEM, TWO CONSECUTIVE SETS OF ACCEPTABLE SAMPLES, TAKEN 24 HOURS APART, SHALL BE COLLECTED AT SITES SHOWN ON THE PLANS. (AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED EVERY 1200 FEET OF THE NEW WATER MAIN, PLUS ONE SET AT EACH END OF THE LINE AND AT LEAST ONE SET FROM EACH BRANCH). ALL SAMPLES SHALL BE TESTED FOR BACTERIOLOGICAL QUALITY, AND SHALL SHOW THE ABSENCE OF COLIFORM ORGANISMS. A STANDARD HETEROPHIC PLATE COUNT MAY BE REQUIRED AT THE OPTION OF
- D) SAMPLES SHALL BE TAKEN FROM WATER THAT HAS STOOD IN THE NEW MAIN FOR AT LEAST 16 HOURS AFTER FINAL FLUSHING HAS BEEN COMPLETED.
- E) IF THE INITIAL DISINFECTION FAILS TO PRODUCE SATISFACTORY BACTERIOLOGICAL SAMPLES, THE MAIN SHALL BE REFLUSHED AND RESAMPLED DAILY FROM THE SAME POINT(S) UNTIL TWO CONSECUTIVE SAMPLES ARE NEGATIVE FOR COLIFORM ORGANISMS.
- F) THE DEVELOPER SHALL PAY FOR THE INITIAL BACTERIOLOGICAL TESTS. THE CONTRACTOR SHALL PAY FOR ALL TESTING NECESSITATED BY FAILURE OF THE INITIAL TEST(S).
- G) IF TRENCH WATER HAS ENTERED THE NEW MAIN DURING CONSTRUCTION,OR, IF IN THE OPINION OF THE CITY OF LOS BANOS, EXCESSIVE QUANTITIES OF DIRT AND DEBRIS HAVE ENTERED THE NEW MAIN, BACTERIOLOGICAL SAMPLES SHALL BE TAKEN AT INTERVALS OF APPROXIMATELY 200 FEET AND SHALL BE IDENTIFIED BY LOCATION. THE CONTRACTOR SHALL INSTALL ADDITIONAL WATER SERVICE TAPS AND SAMPLING STATIONS AS REQUIRED. THE CONTRACTOR SHALL ALSO REMOVE SAMPLING STATIONS AND SERVICES UPON SATISFACTORY CONTRACTOR OF THE CONTRACTOR SHALL PAY FOR TESTING OF THE CONTAMINATED
- H) CONTRACT PRICE SHALL INCLUDE FULL COMPENSATION FOR FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND INCIDENTALS, AND FOR DOING ALL OF THE WORK INVOLVED IN TESTING AND DISINFECTION OF THE WATER MAINS.
- CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
 WATER PIPE MATERIALS SHALL BE IN ACCORDANCE WITH TABLE 604.1 OF THE 2019 CALIFORNIA
- COVERAGE ON THE WATER LINE SHALL BE FROM TOP OF PIPE TO PROPOSED FINISH GRADE AS SPECIFIED BY THE CITY OF LOS BANOS.
- 10. ALL WATER IMPROVEMENTS MUST BE REVIEWED AND APPROVED BY THE CITY OF LOS BANOS.
- 11. WATER LINES SHALL BE A MINIMUM OF 10 FEET OUTSIDE OF PIPE TO OUTSIDE OF PIPE FROM SEWER AND STORM DRAIN MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS.
- 12. ACTUAL CONNECTIONS TO EXISTING WATER LINES WILL NOT BE PERMITTED PRIOR TO THE COMPLETION OF STERILIZATION AND TESTING OF NEW WATER MAINS. ALL EXISTING WATER VALVES TO BE OPERATED UNDER THE DIRECTION OF THE WATER DIVISION OF THE REGULATORY AGENCY PERSONNEL ONLY.

WATER NOTES (CONT)

- 13. REDUCED PRESSURE BACKFLOW PREVENTION DEVICE MUST BE INSPECTED AND APPROVED BY AN APPROVED TESTING FIRM PRIOR TO THE FINAL APPROVAL OF THE BUILDING.
- 14. FIRE HYDRANT MAINS SHALL BE HYDROSTATICALLY TESTED AT 50 PSI FOR ONE HOUR AND FIRE SPRINKLER MAINS, ON THE SYSTEM SIDE OF THE FDC, SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS. CALL THE FIRE PREVENTION BUREAU 48 HOURS PRIOR TO DESIRED TEST.
- 15. ALL FIRE SERVICE LINES BEYOND THE DOUBLE DETECTOR CHECK VALVE EXTENDING TO THE PROPOSED BUILDING SHALL BE C900 CL200.
- 16. SELF ADHESIVE BLUE REFLECTIVE FIRE HYDRANT MARKERS ARE TO BE PROVIDED TO THE FIRE DEPARTMENT BY THE CONTRACTOR. THEY SHALL BE PROVIDED AT A RATIO OF ONE REFLECTOR PENT HYDRANT, UNLESS THE FIRE HYDRANT FACES TWO STREETS THEN TWO REFLECTORS SHALL BE REQUIRED. CONTRACTOR SHALL REFER TO THE MUTCD, CALIFORNIA SUPPLEMENT, SECTION 3B.1 AND FIGURE 3B-102.
- 17. ALL VALVE BOXES TO BE ADJUSTED TO FINISH GRADE AFTER PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR VALVES.
- 18. WHERE WATER LINE CROSSES UNDER STORM DRAIN, A 20 FEET MIN JOINT OF PVC C-900 CLASS 200, OR AN 18 FEET JOINT OF CLASS 50 D.I.P. SHALL BE CENTERED ON STORM DRAIN OR IN ACCORDANCE WITH CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS.
- 19. PROVIDE THRUST BLOCKS AT FIRE HYDRANTS, BLOW-OFFS, TEES, AND AT CHANGES IN SIZE AND DIRECTION, AND AT CAPS, BENDS, AND ENDS. INSTALL THRUST BLOCKS, AS REQUIRED, IN ACCORDANCE WITH CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS.
- 20. CONTRACTOR IS ADVISED THAT ANY FIELD CHANGES DUE TO EXISTING CONDITIONS MUST COMPL
 WITH STATE HEALTH DEPARTMENT CRITERIA.
 21. ALL VALVES TWELVE (12) INCHES AND LARGER SHALL BE BUTTERFLY VALVES AND OPERATORS
- INTENDED FOR BURIED SERVICE IN A DOMESTIC WATER SYSTEM.

 22. THE WATER METER AND METER BOX SHALL BE PROVIDED AND INSTALLED BY THE CITY OF LOS
- 23. CONTRACTOR SHALL PAINT FIRE HYDRANTS WITH ENAMEL SAFETY YELLOW PAINT.

4. FIRE HYDRANT STEM BREAKAWAY MUST COINCIDE WITH BREAKAWAY SPOOL

BANOS, PAID BY THE DEVELOPER.

- 25. A LOCATING "TRACE WIRE" IS REQUIRED ON ALL MAINS AND SERVICE LINES. THE "TRACE WIRE" SHALL BE FIRMLY ATTACHED TO THE TOP CENTER OF THE PIPE AT INTERVALS NOT EXCEEDING FIV (5) FEET. ALL MAIN LINE "TRACE WIRES" SHALL BE INTERCONNECTED TO FORM A GRID. ALL SPLICES SHALL BE MECHANICALLY AND ELECTRONICALLY SOUND AND MADE WATERPROOF WITH AN APPROVED COMPOUND. INSTALLATION OF THE "TRACE WIRE" SYSTEM SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILL. THE "TRACE WIRE" SYSTEM SHALL BE TESTED BY APPROVED TESTING PERSONNEL AFTER THE TRENCHES HAVE BEEN BACKFILLED AND HYDROSTATIC TESTS HAVE BEEN PERFORMED, BUT BEFORE ANY PAVEMENT HAS BEEN PLACED. THE CITY SHALL PAY THE COST OF THE INITIAL TEST. ANY SUBSEQUENT TESTING COSTS SHALL BE
- 6. THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE STORM DRAIN SYSTEM IS PROHIBITED. THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE SANITARY SEWER SYSTEM REQUIRES PRIOR APPROVAL FROM MUD.
- 27. WATER SYSTEM WILL BE PRIVATELY OWNED AND MAINTAINED.
- B. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE FIRE DEPARTMENT REQUIRES ALL ACCESS ROADS AND WATER SUPPLIES TO BE SUFFICIENTLY PROVIDED FOR THE PROPOSED DEVELOPMENT SITE. IF THERE IS ANY ALTERATION TO THIS REQUIREMENT, THE PROPOSED DEVELOPMENT WILL BE SUBJECT TO A FINE AND CONSTRUCTION MAY BE SHUTDOWN FOR AN INDEFINITE PERIOD OF TIME, OR UNTIL COMPLIANCE HAS BEEN MET.

TOPOGRAPHY NOTES

THE RESPONSIBILITY OF THE CONTRACTOR.

- PLAN SET DESIGN BASED OFF OF TOPOGRAPHIC SURVEY PERFORMED ON APRIL 29, 2022. CONTRACTOR SHALL BE AWARE THAT SINCE THIS INITIAL SURVEY THE SITE MAY HAVE CHANGED
 ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY.
- ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD.

 3. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES.
- 4. ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- AN ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING STRUCTURES, UTILITIES, DRIVES, PAVEMENTS, CURBS, WALKS, ETC. IN THEIR APPROXIMATE LOCATION ON THE SURVEY AND/OR WORKING DRAWINGS. HOWEVER, OTHERS THAT ARE NOT SHOWN MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE OR DURING THE CLEARING AND REMOVAL WORK. IT WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO ACCURATELY LOCATE ALL EXISTING FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY
- AS DIRECTED BY THE OWNER.

 6. THE CONTRACTOR SHALL REPORT ANY EXISTING SITE ELEMENT NOT SHOWN ON THE WORKING DRAWINGS TO THE ARCHITECT OF RECORD SO THAT THE PROPER DISPENSATION OF THAT
- ELEMENT MAY BE MADE.
 IN CONJUNCTION WITH CONTACTING USA TO LOCATE UNDERGROUND UTILITIES WITHIN THE PUBLIC RIGHT-OF-WAY IT IS HIGHLY RECOMMENDED THAT THE CONTRACTOR UTILIZE (GPR) GROUND PENETRATING RADAR UNDERGROUND SERVICES TO IDENTIFY ONSITE UTILITIES THAT MAY NOT BE
- VISIBLE FROM THE SURFACE.

 8. CONTRACTOR SHALL REVIEW ALL OF THE CONSULTANT'S PLAN SETS FOR ADDITIONAL DEMOLITION, REPLACEMENT AND IMPROVEMENTS PRIOR TO BEGINNING OF ANY WORK. IF A CONFLICT IS FOUND
- THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY.

 IN ACCORDANCE WITH SECTION 8771 OF THE PROFESSIONAL LAND SURVEYORS ACT

 A) MONUMENTS SET SHALL BE SUFFICIENT IN NUMBER AND DURABILITY AND EFFICIENTLY
 PLACED SO AS NOT TO BE READILY DISTURBED, TO ASSURE, TOGETHER WITH MONUMENTS
 ALREADY EXISTING, THE PERPETUATION OR FACILE REESTABLISHMENT OF ANY POINT OR LINE

OF THE SURVEY.

- B) WHEN MONUMENTS EXIST THAT CONTROL THE LOCATION OF SUBDIVISIONS, TRACTS, BOUNDARIES, ROADS, STREETS, OR HIGHWAYS, OR PROVIDE HORIZONTAL OR VERTICAL SURVEY CONTROL, THE MONUMENTS SHALL BE LOCATED AND REFERENCED BY OR UNDER TH DIRECTION OF A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER PRIOR TO THE TIME WHEN ANY STREETS, HIGHWAYS, OTHER RIGHTS-OF-WAY, OR EASEMENTS ARE IMPROVED, CONSTRUCTED, RECONSTRUCTED, MAINTAINED, RESURFACED, OR RELOCATED, AND A CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES SHALL BE FILED WITH THE CITY SURVEYOR. THEY SHALL BE RESET IN THE SURFACE OF THE NEW CONSTRUCTION, A SUITABLE MONUMENT BOX PLACED THEREON, OR PERMANENT WITNESS MONUMENTS SET T PERPETUATE THEIR LOCATION IF ANY MONUMENT COULD BE DESTROYED. DAMAGED. COVERED, OR OTHERWISE OBLITERATED, AND A CORNER RECORD OR RECORD OF SURVEY FILED WITH THE CITY SURVEYOR PRIOR TO THE RECORDING OF A CERTIFICATE OF COMPLETION FOR THE PROJECT. SUFFICIENT CONTROLLING MONUMENTS SHALL BE RETAINED OR REPLACE IN THEIR ORIGINAL POSITIONS TO ENABLE PROPERTY. RIGHT-OF-WAY AND EASEMENT LINES PROPERTY CORNERS. AND SUBDIVISION AND TRACT BOUNDARIES TO BE REESTABLISHED WITHOUT PREVIOUS SURVEYS NECESSARILY ORIGINATING ON MONUMENTS DIFFERING FROM THOSE THAT CURRENTLY CONTROL THE AREA. IT SHALL BE THE RESPONSIBILITY OF THE GOVERNMENTAL AGENCY OR OTHERS PERFORMING CONSTRUCTION WORK TO PROVIDE FOR THE MONUMENTATION REQUIRED BY THIS SECTION. IT SHALL BE THE DUTY OF EVERY LAND SURVEYOR OR CIVIL ENGINEER TO COOPERATE WITH THE GOVERNMENTAL AGENCY IN MATTER OF MAPS, FIELD NOTES, AND OTHER PERTINENT RECORDS. MONUMENTS SET TO MARK THE LIMITING LINES OF HIGHWAYS, ROADS, STREETS OR RIGHT-OF-WAY OR EASEMENT LINES SHALL NOT BE DEEMED ADEQUATE FOR THIS PURPOSE UNLESS SPECIFICALLY NOTED ON THE CORNER RECORD OR RECORD OF SURVEY OF THE IMPROVEMENT WORKS WITH DIRECT TIES IN BEARING OR AZIMUTH AND DISTANCE BETWEEN THESE AND OTHER MONUMENTS OF RECORD.
- C) CONTRACTOR SHALL COORDINATE WITH THE LAND SURVEYOR OF RECORD, PRIOR TO STARTIN CONSTRUCTION, TO IDENTIFY ALL SURVEY MONUMENTS THAT MAY BE SUBJECT TO DISTURBANCE AND SHALL INCLUDE COSTS FOR MONUMENT PRESERVATION, REPLACEMENT, AND PREPARATION OF CORNER RECORDS OR RECORD OF SURVEY IN CONTRACTOR'S BID.
- D) THE DECISION TO FILE EITHER THE REQUIRED CORNER RECORD OR A RECORD OF SURVEY PURSUANT TO SUBDIVISION (B) SHALL BE AT THE ELECTION OF THE LICENSED LAND SURVEYO OR REGISTERED CIVIL ENGINEER SUBMITTING THE DOCUMENT, AT CONTRACTOR'S EXPENSE.

SURVEY MONUMENTS SHALL BE PRESERVED, REFERENCED, OR REPLACED PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE.

§732.5, §1492.5, §1810.5 OF THE CALIFORNIA STREETS AND HIGHWAYS CODES STATE:



Engineering Group, Inc. • CIVIL ENGINEERING • SURVEYING • PLANNING •

COPYRIGHT © 2022 NORTHSTAR ENGINEERING GROUP, INC

620 12 th Street Modesto, CA 95354 (209) 524–3525 Phone (209) 524–3526 Fax TOPOGRAPHY NOTES (CONT)

- 10. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL CALL U.S.A. (800) 227-2600 TO HAVE THE SITE MARKED. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY THAT NO CONFLICTS EXIST BETWEEN PROPOSED AND EXISTING IMPROVEMENTS.
- 11. CONTRACTOR/DEVELOPER SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE APPROPRIATE AGENCY TO DO ANY WORK WITHIN RIGHT-OF-WAY PRIOR TO CONSTRUCTION.
- 12. CONTRACTOR TO BE CAUTIOUS OF UNDERGROUND STUBS AND LINES. CONTRACTOR SHALL USE EXTREME CAUTION AS TO OTHER LINES MAY EXIST ON THE SITE THAT ARE NOT CLEARLY MARKED.

SITE LAYOUT NOTES

- 1. SEE ARCHITECTURAL PLANS FOR ALL BUILDING DETAILS, STRUCTURAL DETAILS, FOOTING DETAIL UTILITY POINTS OF CONNECTION, ROOF DRAIN LOCATIONS, ADA PATH OF TRAVEL, ADA SIGNAGE, ADA ACCESSIBILITY DETAILS, TRUNCATED DOME LOCATIONS, ENTRY MONUMENTS, GENERAL SIGNAGE, PARKING LOT STRIPING AND SITE PLAN CONSTRAINTS.
 - SEE PLUMBING PLANS FOR CONTINUATION OF UTILITIES WITHIN 5 FEET OF THE BUILDING.

CONNECTION AND SLEEVE CROSSINGS ANY AND ALL ELECTRICAL REMOVAL OR RELOCATION

- 3. SEE LANDSCAPE PLANS FOR ALL LANDSCAPE IMPROVEMENTS INCLUDING LANDSCAPE IRRIGATIO LANDSCAPE AREA GRADING, LANDSCAPE SLEEVE CROSSINGS AND LANDSCAPE SLOPE TREATMENT. ANY AND ALL LANDSCAPE REMOVAL OR RELOCATION.
- 4. SEE ELECTRICAL PLANS FOR DRY UTILITY LAYOUT, DRY UTILITY DETAILS AND SPECIFICATIONS, MODIFICATIONS TO EXISTING DRY UTILITIES, SITE LIGHTING LOCATIONS AND DETAILS, POINTS OF
- 5. SEE GEOTECHNICAL SERVICES REPORT FOR SITE GEOTECHNICAL SPECIFICATIONS. ADDITIONAL GEOTECHNICAL REPORTS OR ADDENDUMS MAY EXIST IN WHICH CASE THE CONTRACTOR SHALL CONTACT THE CLIENT PRIOR TO CONSTRUCTION TO ENSURE THAT ALL REPORTS AND ADDENDUM HAVE BEEN PROVIDED. CONTRACTOR SHALL REVIEW ALL REPORTS AND ADDENDUMS THEN NOTIF NORTHSTAR ENGINEERING SHOULD A CONFLICT IS FOUND OR DESIGN SHOWN ON THESE PLANS DOES NOT MEET THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS.
- 6. STRIPING SHALL BE APPLIED PER CITY STANDARDS AS SHOWN ON THIS PLAN SET. ADDITIONALLY STRIPING AND SIGNAGE INFORMATION SHALL FOLLOW MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. MUTCD CALIFORNIA SUPPLEMENTS.
- 7. FLATWORK SHALL BE INSTALLED WITH CRACK CONTROL JOINTS AT APPROPRIATE SPACING.
- 8. CONSTRUCT CONTROL AND CONSTRUCTION JOINTS IN ACCORDANCE WITH CURRENT PORTLAND CEMENT ASSOCIATION GUIDELINES AND CITY STANDARDS; USE WHICH EVER IS MORE STRINGENT SEE GEOTECHNICAL REPORT FOR ADDITIONAL PCC RECOMMENDATIONS.
- REMOVED TO THE FULL DEPTH AND REPLACED WITH COMPACTED ENGINEERED FILL OR APPROVEI IMPORT SOILS.

ANY UNSUITABLE MATERIAL ENCOUNTERED AT OR BELOW GRADE SHALL BE COMPLETELY

GEOTECHNICAL ENGINEER SHALL VERIFY MOISTURE CONTENT AND CONDITIONING PRIOR TO

POURING ANY CONCRETE OR ASPHALT.

11. PRIOR TO CONSTRUCTION CONTRACTOR SHALL REVIEW EXISTING GRADES ALONG SAWCUT LINE AND TRANSITIONS TO MATCH EXISTING IMPROVEMENTS TO ENSURE BOTH DRAINAGE FLOW IS

CONTINUOUS AND UNINTERRUPTED AND ACCESSIBILITY REQUIREMENTS ARE BEING MET.

CONTRACTOR SHALL ADJUST ANY AND ALL BOXES, STRUCTURES, ETC. TO FINISH GRADE WITH

- TRAFFIC RATED LID FOR VEHICULAR AREAS AND ACCESSIBLE LID FOR PEDESTRIAN AREAS BASED ON PROPOSED GRADING DESIGN SHOWN IN THIS PLAN SET. SEE ARCHITECTURAL PLANS, SEE LANDSCAPE ARCHITECT PLANS.
- 13. CONTRACTOR SHALL STABILIZE ANY DISTURBED AREA. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND LANDSCAPE ARCHITECT FOR TYPE OF GROUND COVER AT ALL DISTURBED AREAS.
- CONTRACTOR SHALL MAINTAIN EROSION RESISTANT VEGETATION ON FACE OF ALL SLOPES.
 CONTRACTOR SHALL RE-INSTALL ANY IRRIGATION DEVICE, LINE, OR STRUCTURE FOUND AT THE

LOCATION OF THE PROPOSED IMPROVEMENTS. CONTACTS

A. REGULATORY AGENCY:	DIVISION OF THE STATE ARCHITECT-SACRAMENTO 1102 Q STREET, SUITE 5200 SACRAMENTO, CA 95811 T: (916) 445-8730
B. OWNER/DEVELOPER:	MERCED COLLEGE - LOS BANOS 22240 CA-152 LOS BANOS, CA 93635 T: (209) 384-6000
C. PROJECT LOCATION:	MERCED COLLEGE - LOS BANOS 22240 CA-152 LOS BANOS, CA 93635
D. ENGINEER:	NORTHSTAR ENGINEERING GROUP, INC. 620 12TH STREET MODESTO, CA. 95354 T: (209) 524-3525 F: (209) 524-3526 CONTACT: JOHN ELLIS
E. ARCHITECT:	TETER, LLP. 7535 N PALM AVENUE, SUITE 201 FRESNO, CA. 93711

T: (559) 437-0887

F: (559) 524-3526

CONTACT: JAMES E. HICKMAN, JR.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-120552 INC:
REVIEWED FOR

APP: 02-120552 INC:

REVIEWED FOR

SS ☑ FLS ☑ ACS ☑

DATE: 12/28/2022



FRESNO HEADQUARTERS
ALIA | BAKERSFIELD | MODESTO | SAN LUIS OB



NOS, CA

HILD DEVELOP. C ERCED COLLEGE 240 CA-152 LOS BANOS, (

OJECT NO.

DRAWING

C1.2

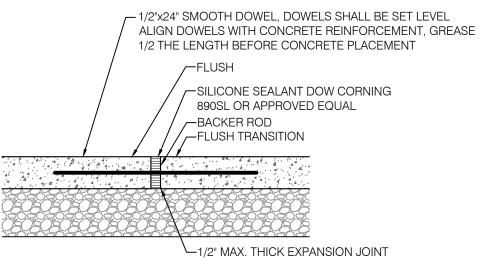
MERCED COUNTY STANDARD DETAILS

DWG No. M-5.

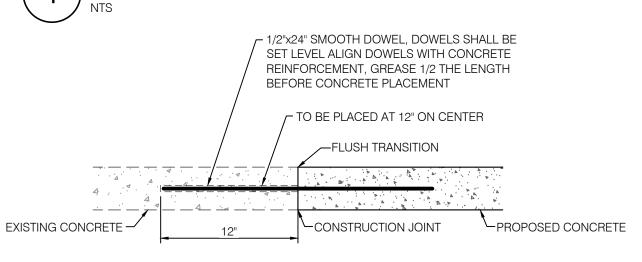
PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE MOST UP TO DATE COUNTY STANDARDS FOR REFERENCE PRIOR TO AND DURING CONSTRUCTION. THE LATEST COPY OF THE MERCED COUNTY STANDARDS SHALL BE CONSIDERED PART OF THIS PLAN SET. IN THE EVENT OF A DISCREPANCY BETWEEN THIS PLAN SET AND COUNTY STANDARDS; THE COUNTY STANDARDS SHALL PREVAIL. STANDARD PLAN DRAWINGS REFERENCED WITHIN THIS PLAN SET INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING DRAWINGS: MERCED COUNTY: DWG No. EW-01. TRENCH EXCAVATION AND BACKFILL

..SINGLE GATE - CLICK 2 ENTER

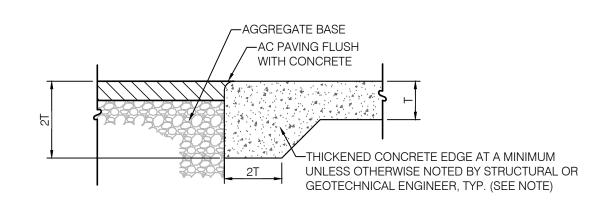
1. EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 60D = 20 FEET ON CENTER **BOTH WAYS**



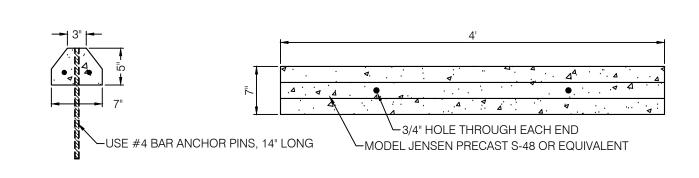
EXPANSION JOINT



CONSTRUCTION JOINT



CONC / AC PAVING TRANSITION AND THICKENED EDGE



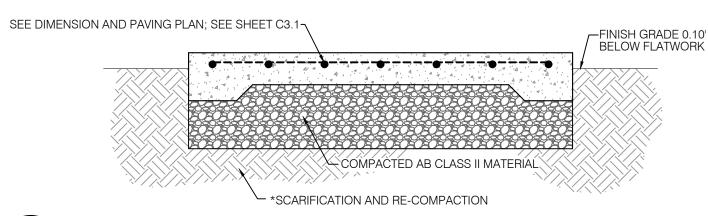
4' CONCRETE WHEEL STOP

*SUBGRADE PREPARATION REQUIREMENTS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS, AND PROJECT SPECIFICATIONS.

2. AT EXPANSION JOINT USE 1/2"x24" SMOOTH DOWELS, 18"OC GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT. SEE EXPANSION JOINT DETAIL THIS SHEET.

3. CONSTRUCT CONTROL AND CONSTRUCTION JOINTS PER DETAILS ON THIS SHEET AND IN ACCORDANCE WITH CURRENT PORTLAND CEMENT ASSOCIATION GUIDELINES.

CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 5 FEET ON CENTER BOTH WAYS. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION.



CONCRETE FLATWORK

- SEE CONC/AC PAVING TRANSITION FOR THICKENED CONCRETE EDGE -SEE EXPANSION JOINT DETAIL FOR SEALANT AND ADDITIONAL INFORMATION FLUSH TRANSITION--DRILL EXISTING SIDEWALK FINISH GRADE 0.10' 24" SMOOTH DOWEL— BELOW FLATWORK THICKENED EDGE PER DETAIL THIS SHEET (TYP) COMPACTED AB CLASS II MATÉRIAL - *SCARIFICATION AND RE-COMPACTION

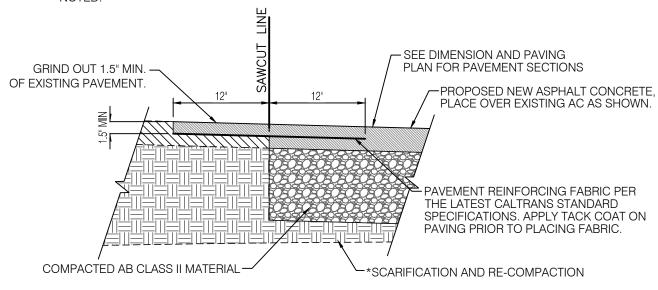
> *SUBGRADE PREPARATION REQUIREMENTS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS, AND PROJECT

2. AT EXPANSION JOINT USE 1/2"x24" SMOOTH DOWELS, 18"OC GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT. SEE EXPANSION JOINT DETAIL THIS SHEET.

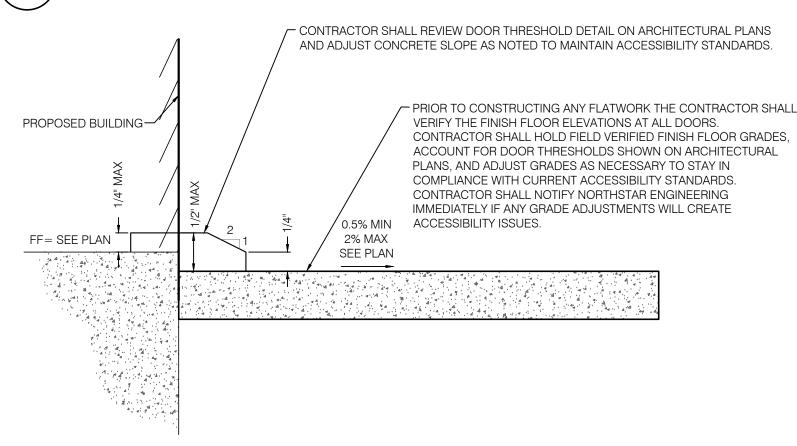
CONCRETE FLATWORK AT EXISTING FLATWORK

*SUBGRADE PREPARATION REQUIREMENTS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS, AND PROJECT

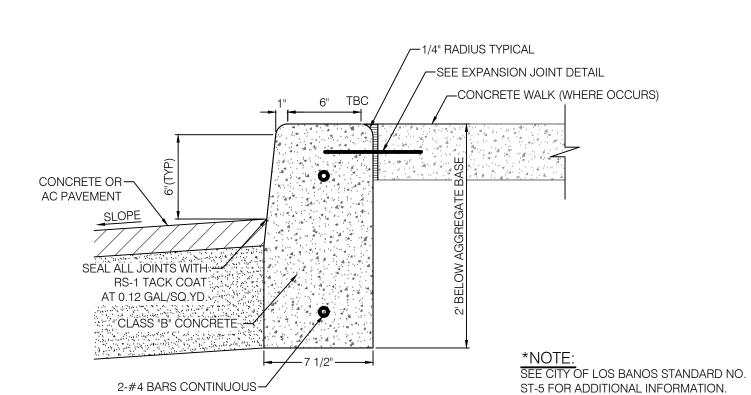
2. LAP JOINT SHALL APPLY AT ALL SAWCUT LOCATIONS ALONG AC PAVEMENT UNLESS OTHERWISE



SAWCUT LAP JOINT DETAIL



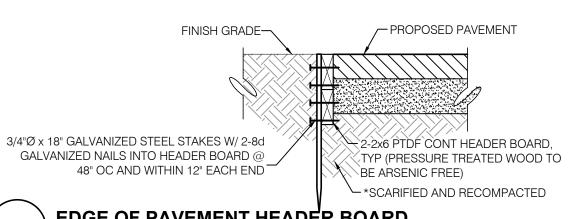
TYPICAL DOOR THRESHOLD AT CONCRETE LANDING



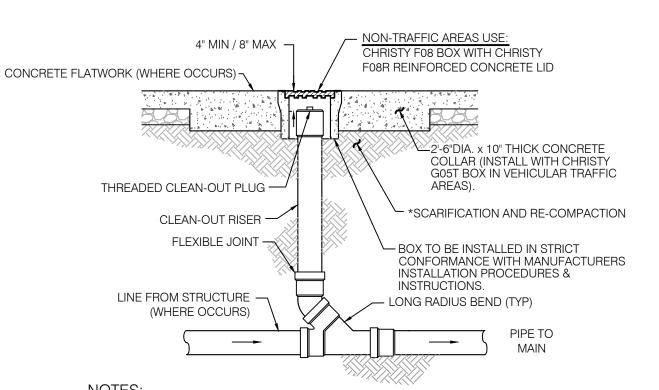
' VERTICAL CURB DETAIL

*SUBGRADE PREPARATION REQUIREMENTS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS, AND PROJECT SPECIFICATIONS.

PAVEMENT SECTIONS SHOULD BE ISOLATED FROM INTRUSION OF WATER AT ALL LOCATIONS WHERE PAVEMENTS ARE ADJACENT TO IRRIGATED LANDSCAPE AREAS THAT MAY POND WATER.



EDGE OF PAVEMENT HEADER BOARD

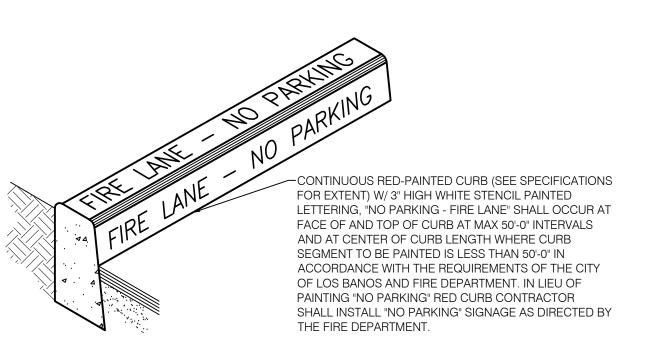


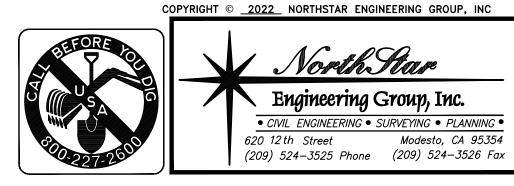
CLEAN-OUT RISER SHALL BE THE SAME SIZE AS THE LATERAL.

2. CLEAN-OUT RIM SHALL BE FLUSH WITH GRADE, ADA COMPLIANT AND "HEEL PROOF."

3. *SUBGRADE PREPARATION REQUIREMENTS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS, AND PROJECT

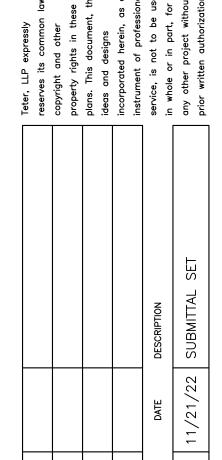
TYPICAL STORM DRAIN OR SANITARY SEWER CLEAN OUT RISER





IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS FLS ACS DATE:

12/28/2022







PROJECT NO. 22-12075

DRAWING

2. ALL INLETS WITHIN PATH OF TRAVEL SHALL COMPLY WITH SECTION 11B-304.3 OF THE

CALIFORNIA BUILDING CODE.

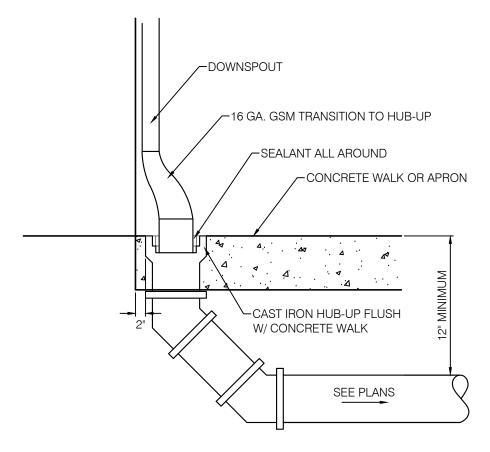


STANDARDS AND SPECIFICATIONS

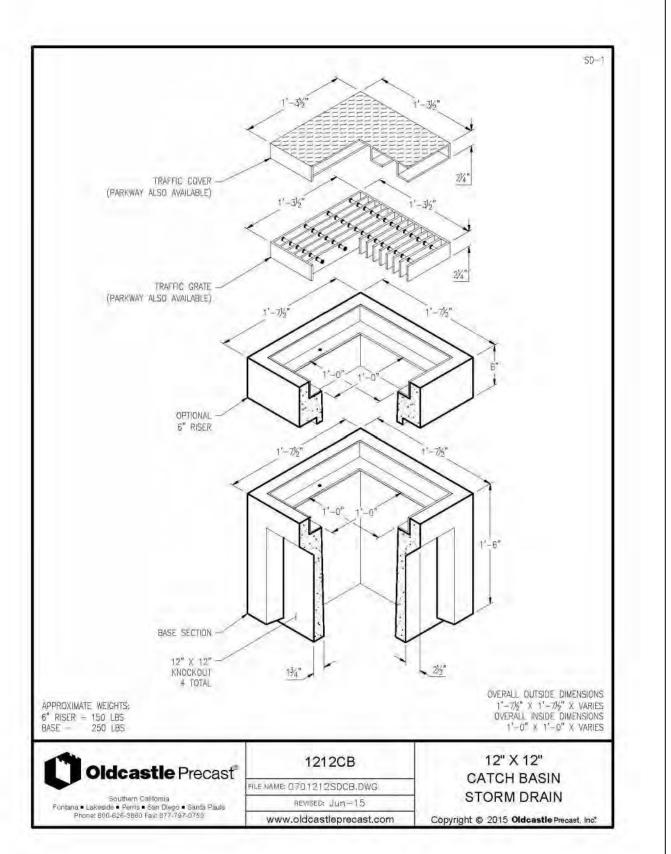
*NOTE:

1. ALL LANDSCAPE DRAINAGE PLANTER AREAS WILL REQUIRE AN ATRIUM GRATE AND ALL TURF AREAS WILL REQUIRE A FLAT GRATE. SEE STORM DRAINAGE AND SANITARY SEWER PLAN SHEET FOR ADDITIONAL INFORMATION. 2. ALL INLETS WITHIN PATH OF TRAVEL SHALL COMPLY WITH INSTALL NDS GRATE AS NOTED -SECTION 11B-304.3 OF THE CALIFORNIA BUILDING CODE. ABOVE WITH APPROPRIATE FITTINGS AND REDUCERS AS REQUIRED /-LANDSCAPE PLANTER TO /-LANDSCAPE PLANTERS TO DRAIN AWAY FROM BUILDING DRAIN AWAY FROM BUILDING REDUCER AND RISER (TYP) SEE PLAN POSITIVE OUTLET ___ 3cf MINIMUM THRUST BLOCKING FOR SUPPORT

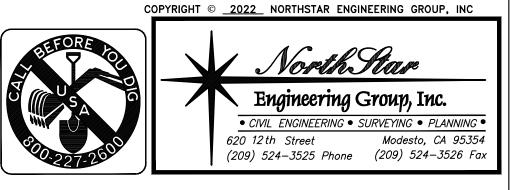
TYPICAL NDS LANDSCAPE DRAIN



DOWNSPOUT CONNECTION TO STORM DRAIN



RECTANGULAR CATCH BASIN DETAIL



ALL INLETS WITHIN PATH OF TRAVEL SHALL

COMPLY WITH SECTION 11B-304.3 OF THE

RIM TO BE ADA

COMPLIANT $(\frac{1}{2}$ " MAX SLOT WIDTH)

IN DIRECTION OF PATH OF TRAVEL

CALIFORNIA BUILDING CODE.

GROUT ALL JOINTS WITH MORTAR

PRECAST REINFORCED CONCRETE MANHOLE PIPE SECTION AS REQUIRED

←6" CAST IN PLACE CONCRETE BASE

ON UNDISTURBED NATIVE SOIL.

_STANDARD GRATE & FRAME, _

A-108 ASSEMBLY, TRAFFIC

RATED

24" DIA. RCP

(CLASS III)

GROUT WITH MORTAR

& FINISH SMOOTH.

ackslash24" DIAMETER CATCH BASIN DETAIL

FOR RIM

CONCRETE COLLAR -

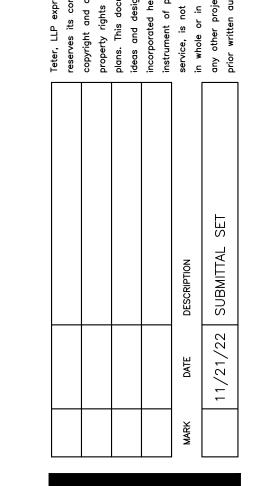
~----|

STORM DRAIN

(SEE PLAN)

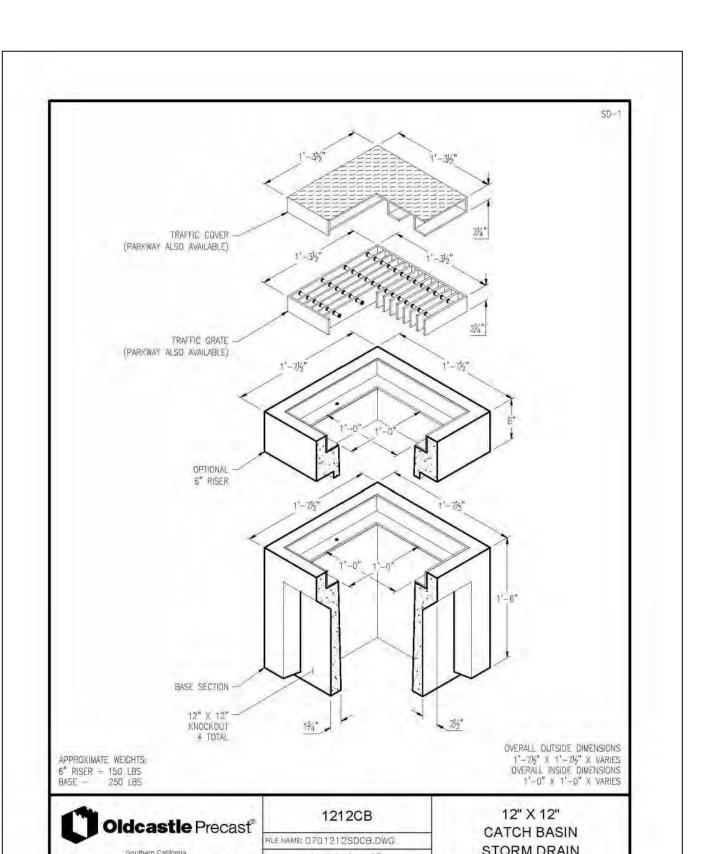
0.5'(MIN)

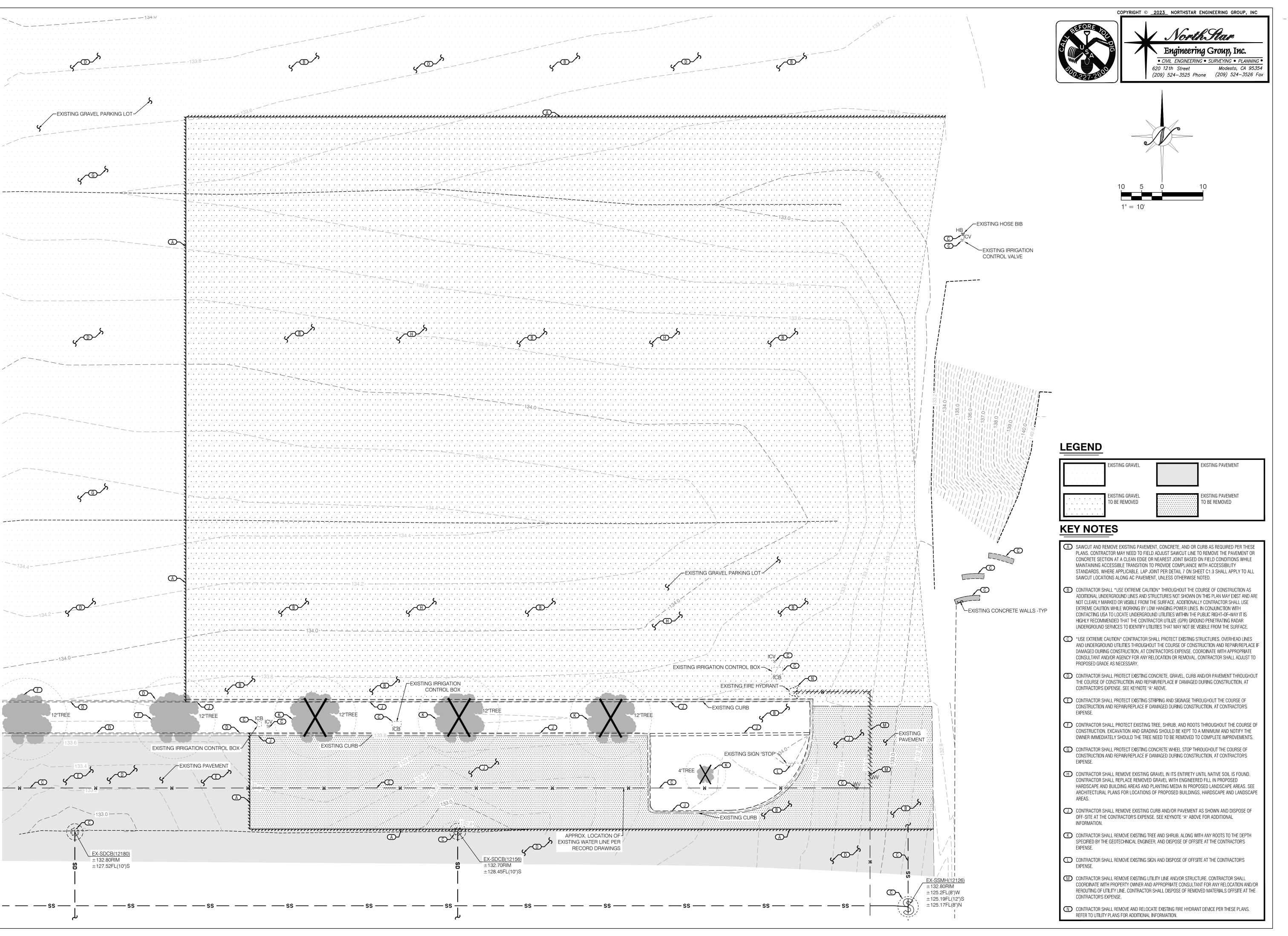
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 Modesto, CA 95354 DATE: 12/28/2022





PROJECT NO. 22-12075

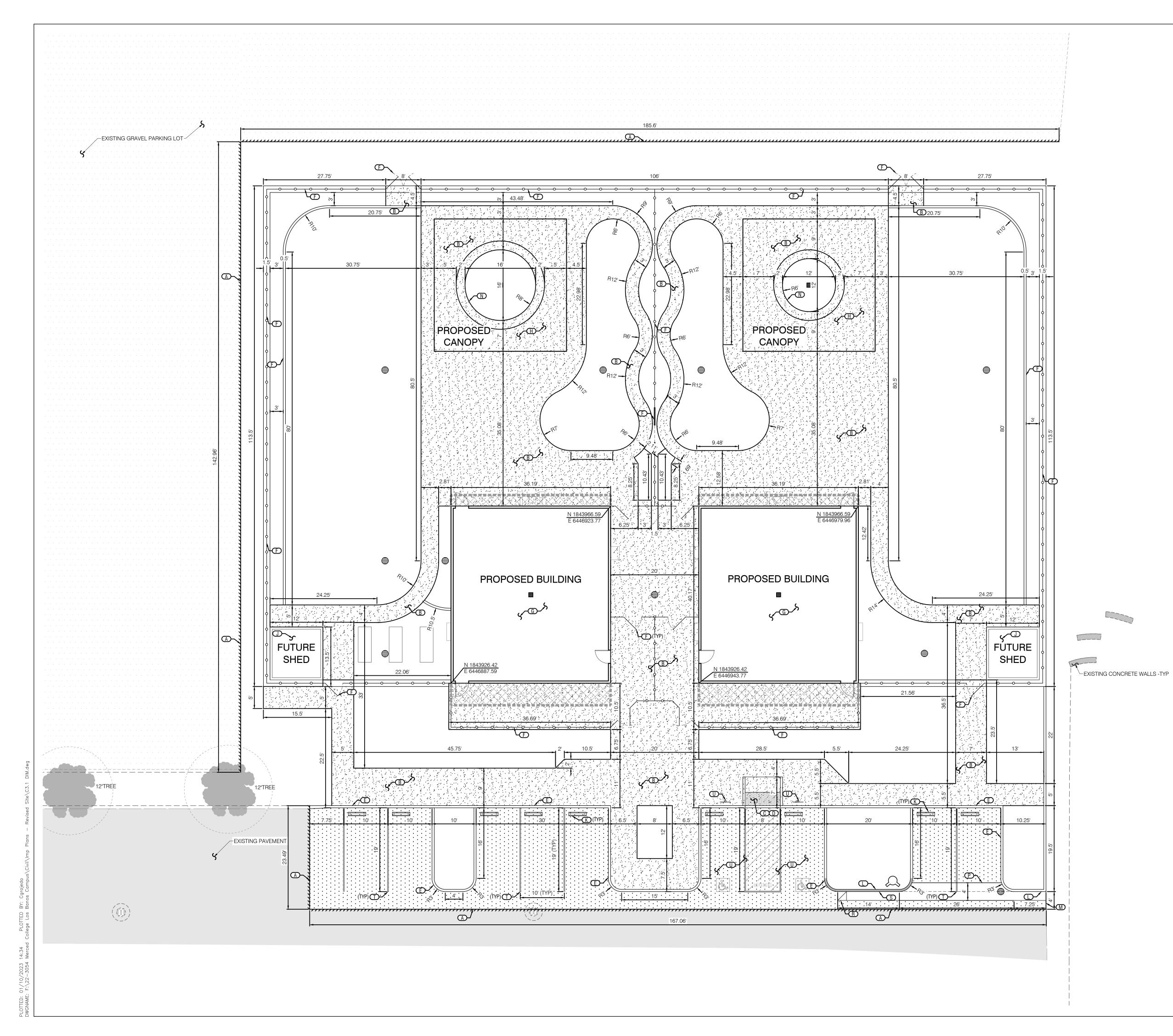




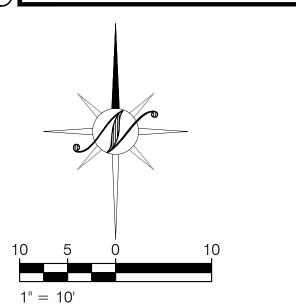




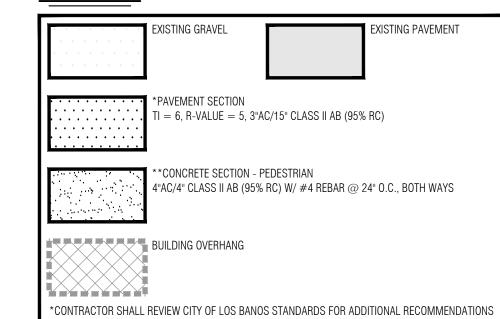
PROJECT NO.



COPYRIGHT © 2023 NORTHSTAR ENGINEERING GROUP, INC • CIVIL ENGINEERING • SURVEYING • PLANNING • Modesto, CA 95354 (209) 524–3525 Phone (209) 524–3526 Fax



LEGEND



KEY NOTES

STRUCTURAL SECTIONS SHOWN ABOVE.

CONCRETE DETAILS AND SPECIFICATIONS.

SEE TOPOGRAPHIC AND DEMOLITION SHEET C2.1 FOR ADDITIONAL REMOVAL, REPLACEMENT AND PROTECTION NOTES.

A SAWCUT AND REMOVE EXISTING PAVEMENT, CONCRETE, AND OR CURB AS REQUIRED PER THESE PLANS. CONTRACTOR MAY NEED TO FIELD ADJUST SAWCUT LINE TO REMOVE THE PAVEMENT OR CONCRETE SECTION AT A CLEAN EDGE OR NEAREST JOINT BASED ON FIELD CONDITIONS. WHILE MAINTAINING ACCESSIBLE LAP JOINT PER DETAIL 7 ON SHEET C1.3 SHALL APPLY TO ALL SAWCUT LOCATIONS ALONG AC PAVEMENT, UNLESS OTHERWISE NOTED.

*SEE ARCHITECTURAL PLANS FOR SCORING, CONTROL JOINTS, PATTERN, COLOR AND ADDITIONAL

B ACCESSIBLE PATH OF TRAVEL NOT TO EXCEED 5.0% MAX RUNNING SLOPE AND 2.0% MAX CROSS SLOPE. ACCESSIBLE PATH OF TRAVEL DETERMINATION, ACCESSIBILITY AND SIGNAGE SHALL BE DETERMINED BY ARCHITECTURAL AND LANDSCAPE PLANS. SEE ARCHITECTURAL AND LANDSCAPE

PLANS FOR DIMENSIONS AND DETAILS, INCLUDING HANDRAILS, WHERE APPLICABLE. C ACCESSIBLE RAMP 8.33% MAX SLOPE WITH A 2.0% MAX LEVEL LANDING PER CITY OF LOS BANOS STANDARD PLANS AND SPECIFICATIONS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL

ONTRACTOR SHALL INSTALL DETECTABLE WARNING SURFACE. SEE ARCHITECTURAL PLANS FOR

DETAILS AND SPECIFICATIONS. E CONTRACTOR SHALL INSTALL 6" VERTICAL CURB PER DETAIL 9 ON SHEET C1.3.

© CONTRACTOR SHALL INSTALL FENCE, GATE, AND/OR MOW STRIP PER ARCHITECTURAL PLANS AND

© CONTRACTOR SHALL CONSTRUCT BUILDING PER ARCHITECTURAL PLANS AND SPECIFICATIONS.

H CONTRACTOR SHALL CONSTRUCT CANOPY STRUCTURE PER ARCHITECTURAL PLANS AND

FUTURE SHED LOCATION SHOWN FOR REFERENCE. CONTRACTOR SHALL EXCAVATE 1' DEEP IN PREPARATION FOR FUTURE SHED. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

CONTRACTOR SHALL INSTALL CONCRETE WHEEL STOPS PER DETAIL 4 ON SHEET C1.3. CONTRACTOR SHALL 6" CURB AND GUTTER PER CITY OF LOS BANOS STANDARDS AND

SPECIFICATIONS.

M CONTRACTOR SHALL INSTALL EDGE OF PAVEMENT HEADERBOARD PER DETAIL 10 ON SHEET C1.3.

N CONTRACTOR SHALL INSTALL SANDBOX PER ARCHITECTURAL PLANS.

P CONTRACTOR SHALL INSTALL 4' VALLEY GUTTER PER DETAIL 3 ON SHEET C1.4.

R CONTRACTOR SHALL INSTALL GUTTER TRANSITION PER DETAIL 6 ON SHEET C1.4.

S ALL AREAS INDICATED SHALL BE MARKED WITH RED CURB AND WHITE STENCILS "NO PARKING -FIRE LANE" INCLUDING THE PROPER SIGNAGE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS AND FIRE DEPARTMENT. SEE DETAIL 12 ON SHEET C1.3. IN LIEU OF PAINTING "NO PARKING" RED CURB CONTRACTOR MAY INSTALL "NO PARKING" SIGNAGE AS DIRECTED BY THE FIRE DEPARTMENT. *USE EXTREME CAUTION* WHEN INSTALLING POST AND FOOTINGS TO AVOID UNDERGROUND UTILITIES.

CONTRACTOR SHALL INSTALL STRIPING INCLUDING CROSSWALKS AS INDICATED BY THE ARCHITECT AND THE LATEST EDITIONS OF THE CALIFORNIA BUILDING CODE STANDARDS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DETAILS AND SPECIFICATIONS.

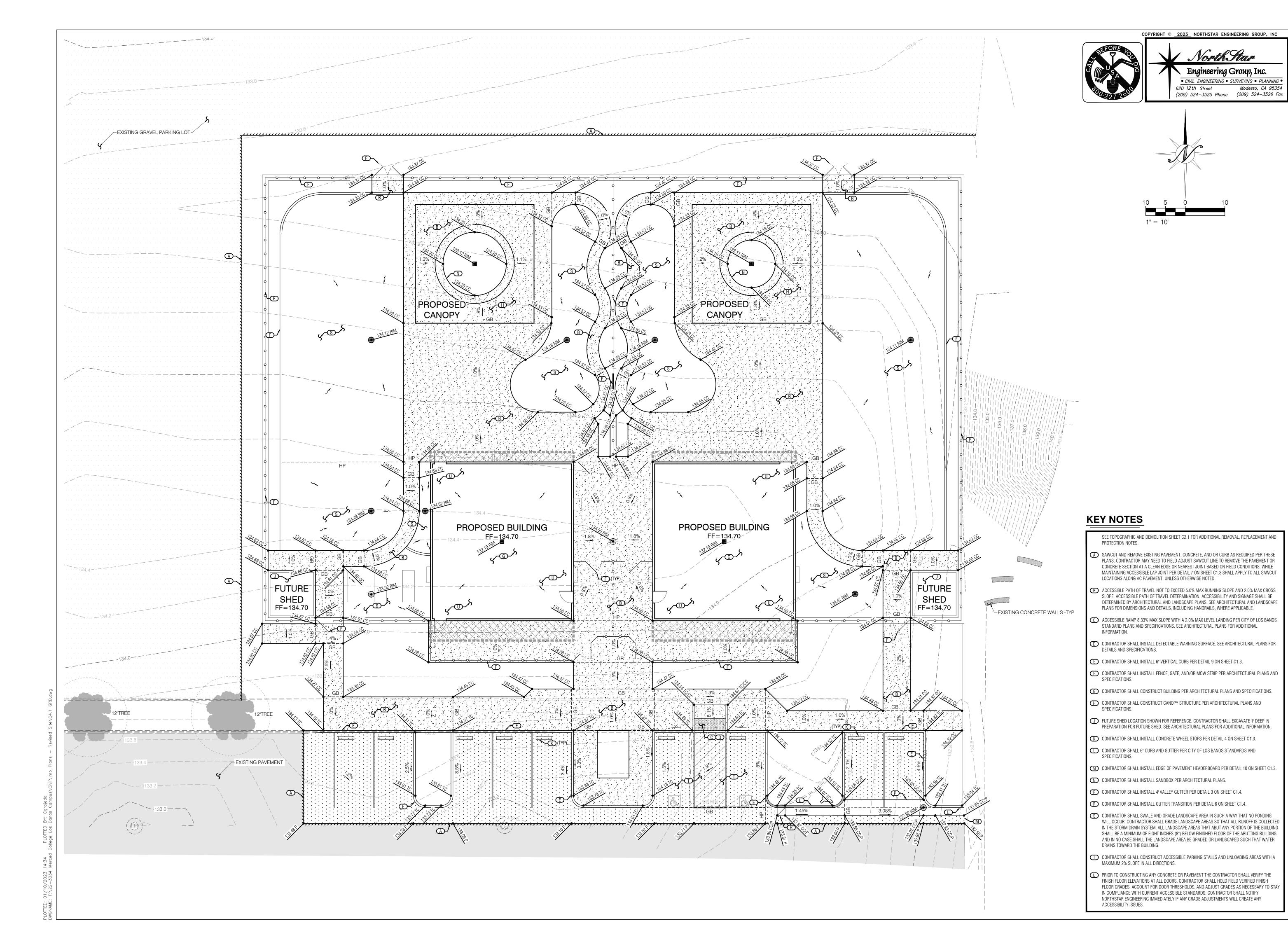
CONTRACTOR SHALL INSTALL ACCESSIBLE SIGNAGE AND STRIPING AS INDICATED BY THE ARCHITECT, PER THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE STANDARDS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DETAILS AND SPECIFICATIONS. USE EXTREME CAUTION WHEN INSTALLING SIGN FOOTINGS AS UNDERGROUND UTILITIES MAY EXIST

BID DOCUMENTS ONLY DSA APPROVED DOCUMENTS REQUIRED PRIOR TO CONSTRUCTION

any other project without prior written authorization	12/20/22 DSA SUBMITTAL SET	
service, is not to be used in whole or in part, for	DATE DESCRIPTION	MARK
instrument of professional		
incorporated herein, as an		
ideas and designs		
plans. This document, the		
property rights in these		
copyright and other		
reserves its common law		
Teter, LLP expressly		

CENTER SE | MCCD

PROJECT NO.

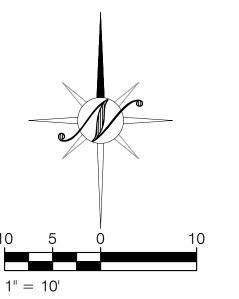


DSA APPROVED REQUIRED PRIOR TO CONSTRUCTION

PROJECT NO.

Engineering Group, Inc.

- CIVIL ENGINEERING • SURVEYING • PLANNING • 620 12th Street Modesto, CA 95354 (209) 524-3525 Phone (209) 524-3526 Fax



KEY NOTES

SEE TOPOGRAPHIC AND DEMOLITION SHEET C2.1 FOR ADDITIONAL REMOVAL, REPLACEMENT AND PROTECTION NOTES.

- CONTRACTOR SHALL EXCAVATE EXISTING STORM DRAINAGE STRUCTURE TO VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO THE INSTALLATION OF THE STORM DRAINAGE SYSTEM. CONTRACTOR SHALL INFORM THE ENGINEER IF THE ALIGNMENTS ARE DIFFERENT THAN SHOWN. CONTRACTOR SHALL CONNECT TO EXISTING STORM DRAINAGE SYSTEM PER CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL VERIFY EXISTING STRUCTURE CAN ACCOMMODATE THE TWO NEW PIPES PRIOR TO BIDDING AND REPLACE IF NECESSARY AT CONTRACTOR'S EXPENSE.
- B CONTRACTOR SHALL *USE EXTREME CAUTION* AT ALL UTILITY CROSSINGS AND SHALL COMPLY WITH ALL APPLICABLE STANDARDS. IF A CONFLICT IS FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTRACTOR SHALL INSTALL CONCRETE SUPPORT AT ALL CROSSINGS WITH LESS THAN 1' OF SEPARATION BETWEEN OUTSIDE DIAMETER OF PIPES.
- CONTRACTOR SHALL INSTALL STORM DRAIN CLEANOUT PER DETAIL 11 ON SHEET C1.3.
- CONTRACTOR SHALL INSTALL STORM DRAIN CATCH BASIN (SDCB) WITH FLAT GRATED LID FOR SDCB LOCATED IN TURF/CONCRETE, AND ATRIUM GRATE FOR SDCB LOCATED IN PLANTER. SEE LANDSCAPE ARCHITECT PLANS FOR TURF LOCATION AND LANDSCAPE DETAILS. SEE DETAILS ON SHEET C1.4 FOR DRAIN DETAIL. CONTRACTOR SHALL UTILIZE NDS BLACK PLASTIC IN LANDSCAPE NON-TRAFFIC RATED AREAS. CONTRACTOR SHALL SET THE RIM ELEVATION TO FINISH GRADE AND ENSURE THAT NO PONDING OCCURS. GRATES IN ACCESSIBLE PATH OF TRAVEL SHALL BE ACCESSIBLE, HEEL-PROOF, AND RATED FOR THE APPROPRIATE LOADING.
- E RESERVED
- F RESERVED
- *USE EXTREME CAUTION* TO AVOID UNDERGROUND UTILITIES WHEN INSTALLING FOOTINGS FOR WALLS, FENCES OR ARCHITECTURAL AMENITIES AT ALL UTILITY WALL/FENCE/AMENITY CROSSINGS.
- CONTRACTOR SHALL EXCAVATE EXISTING SEWER LINE TO VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO THE INSTALLATION OF THE SEWER SYSTEM. CONTRACTOR SHALL INFORM THE ENGINEER IF THE ALIGNMENTS ARE DIFFERENT THAN SHOWN. CONTRACTOR SHALL CONNECT TO EXISTING SEWER SYSTEM PER CITY OF LOS BANOS STANDARDS AND SPECIFICATIONS WITH APPROPRIATE FITTINGS.
- ONTRACTOR SHALL INSTALL SEWER CLEANOUT PER DETAIL 11 ON SHEET C1.3.
- CONTRACTOR SHALL INSTALL SEWER CLEANOUT PER DETAIL 11 ON SHEET C1.3 WITH APPROPRIATE FITTINGS AND REDUCER. CONTRACTOR SHALL VERIFY THE LOCATIONS OF THE UTILITY CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO CONSTRUCTION OF PROPOSED STUBS AND STUB 5 FEET FROM THE FACE OF THE BUILDING.
- PROPOSED DOMESTIC WATER WITH SHUT OFF VALVE TO BE STUBBED 5 FEET FROM THE FACE OF THE BUILDING. CONTRACTOR SHALL VERIFY THE LOCATIONS OF THE UTILITY CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO CONSTRUCTION OF PROPOSED STUBS.
- CONTRACTOR SHALL INSTALL 48" SANITARY SEWER MANHOLE PER DETAIL 8 ON SHEET C1.4.
- CONTRACTOR SHALL INSTALL WATER PIPES WITH SUFFICIENT ENOUGH DEPTH TO MAINTAIN 1'
 MINIMUM VERTICAL CLEARANCE FORM OUTSIDE DIAMETER OF PIPES AND COMPLY WITH THE MOST
 CURRENT STATE HEALTH CODE AND THE CALIFORNIA BUILDING AND PLUMBING CODE STANDARDS.
 CONTRACTOR SHALL DEEPEN WATER PIPES AS NECESSARY AND USE EXTREME CAUTION WHEN
 PLACING THRUST BLOCKS AS TO AVOID CONFLICTS WITH OTHER UTILITY PIPES. CONTRACTOR
 SHALL INSTALL REDUCERS AS REQUIRED. WATER VALVES SHALL BE INSTALLED ON 4" WATER PIPES
 OR LARGER AND BALL VALVES/CORP STOPS SHOULD BE INSTALLED ON 3" WATER PIPES OR
 SMALLER. THRUST BLOCKS SHALL BE INSTALLED AT FIRE HYDRANTS, BLOW-OFFS, TEES, CAPS,
 BENDS, ENDS, AND CHANGES IN SIZE AND/OR DIRECTION. WATER SEPARATION SHALL BE
 CONSTRUCTED IN ACCORDANCE WITH SECTION 720.0 AND TABLE 721.1 OF THE CALIFORNIA
 PLUMBING CODE. SEE CITY OF LOS BANOS STANDARD DETAIL SU-14 FOR THRUST BLOCK DETAILS
 AND SPECIFICATIONS.
- CONTRACTOR SHALL CONNECT TO EXISTING DOMESTIC WATER LINE PER COUNTY OF MERCED STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL EXCAVATE EXISTING WATER LINE TO VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO THE INSTALLATION OF THE PROPOSED WATER PIPE. CONTRACTOR SHALL INFORM THE ENGINEER IF THE ALIGNMENTS ARE DIFFERENT THAN SHOWN.
- APPROXIMATE LOCATION OF ROOF DRAIN SPOUT OR DRAIN CONNECTION, SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND CONSTRUCTION DETAILS. INSTALL APPROPRIATE REDUCER FITTING TO MATCH PROPOSED BUILDING ROOF DRAIN PIPE SIZE. CONTRACTOR SHALL INSTALL APPROPRIATE LID AS NOTED: INSTALL A SOLID LID FOR CLEANOUT (SDCO), FLAT GRATED LID FOR CATCH BASIN (SDCB) LOCATED IN TURF, AND ATRIUM GRATE FOR SDCB LOCATED IN PLANTER. SEE LANDSCAPE ARCHITECT PLANS FOR TURF LOCATION AND LANDSCAPE DETAILS. SEE DETAIL 4 ON SHEET C1.4 FOR CONNECTION DETAILS. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ROOF DRAIN CANNOT ACCOMMODATE CONNECTION. CONTRACTOR SHALL SET THE RIM ELEVATION TO FINISH GRADE AND ENSURE THAT NO PONDING OCCURS.
- © CONTRACTOR SHALL INSTALL 24" CATCH BASIN PER DETAIL 7 ON SHEET C1.4. SEE DETAIL 1 ON SHEET C1.4 FOR INLETS AT VALLEY GUTTERS.
- CONTRACTOR SHALL INSTALL RECTANGULAR CATCH BASIN PER DETAIL 5 ON SHEET C1.4.
- ALL AREAS INDICATED SHALL BE MARKED WITH RED CURB AND WHITE STENCILS "NO PARKING FIRE LANE" INCLUDING THE PROPER SIGNAGE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LOS BANOS AND FIRE DEPARTMENT. SEE DETAIL 12 ON SHEET C1.3. IN LIEU OF PAINTING "NO PARKING" RED CURB CONTRACTOR MAY INSTALL "NO PARKING" SIGNAGE AS DIRECTED BY THE FIRE DEPARTMENT. *USE EXTREME CAUTION* WHEN INSTALLING POST AND FOOTINGS TO AVOID UNDERGROUND UTILITIES.
- CONTRACTOR SHALL INSTALL DRAIN INLET IN SAND BOX WITH NON-WOVEN NEEDLE PUNCHED ENGINEERING FABRIC SOCK.
- CONTRACTOR SHALL INSTALL THE SALVAGED FIRE HYDRANT ASSEMBLY PER CITY OF LOS BANOS STANDARD DETAIL W-2 AND MAINTAIN A MINIMUM OF A 3 FEET CLEAR SPACE. USE EXTREME CAUTION WHEN INSTALLING FOOTINGS TO AVOID UNDERGOUND UTILITIES. CONTRACTOR SHALL ENSURE THAT DEVICES ARE IN GOOD WORKING CONDITION PRIOR TO INSTALLATION AND REPLACE WITH NEW DEVICES IF FOUND TO BE DEFECTIVE.
- CONTRACTOR SHALL CONNECT TO EXISTING FIRE SERVICE LINE PER COUNTY OF MERCED STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL EXCAVATE EXISTING WATER LINE TO VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT PRIOR TO THE INSTALLATION OF THE PROPOSED WATER PIPE. CONTRACTOR SHALL INFORM THE ENGINEER IF THE ALIGNMENTS ARE DIFFERENT THAN SHOWN.

BID DOCUMENTS ONLY
DSA APPROVED
DOCUMENTS
REQUIRED PRIOR TO
CONSTRUCTION

any other project without prior written authorization.	12/20/22 DSA SUBMITTAL SET	12/20/22	
in whole or in part, for	DESCRIPTION	DATE	MARK
instrument of professional			
incorporated herein, as ar			
ideas and designs			
plans. This document, the			
property rights in these			
copyright and other			
reserves its common law			
Teter, LLP expressly			

No. CB5387
EXP. 9-30-24
O1/10/23
CIVIL
OF CALIFORNIA

FETER, LLP P FRESNO HEADQUARTERS
A | BAKERSFIELD | MODESTO | SAN LUIS OBIS



RCED COLLEGE | MCCD

CA-152 LOS BANOS, CA

NG TITLE

§ **≥** §

PROJECT NO. 22-12075

C5.1

- ALL EROSION SEDIMENT STRUCTURES SHALL BE INSPECTED AFTER EACH RAINSTORM AND SHALL BE CLEANED OUT AS
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. THE LOCATION IS SHOWN ON THESE PLANS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE ENTRANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF EROSION CONTROL FOR THE LIFE OF THE PROJECT AND SHALL INSTALL AND MAINTAIN ANY DEVICES AND MEASURES NECESSARY TO THE SATISFACTION OF THE CITY ENGINEER, DURING CONSTRUCTION ACTIVITIES.
- TO MINIMIZE EROSION OF GRADED BANKS, ALL GRADED BANKS AND STOCKPILE AREAS SHALL BE HYDROSEEDED, LANDSCAPED OR SEALED.
- STRAW BALES, PIECES OF WOOD, FABRIC OR OTHER SUITABLE MATERIALS SHALL BE USED TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING ANY COMPLETED STORM DRAIN INLETS. THESE PROTECTION MEASURES SHALL BE MAINTAINED UNTIL
- WHEN TEMPORARY STRUCTURES HAVE SERVED THEIR INTENDED PURPOSE AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. THE EMBANKMENT AND RESULTING SEDIMENT DEPOSITS ARE TO BE LEVELED OR OTHERWISE DISPOSED OF BY THE CONTRACTOR AS RECOMMENDED BY THE SOILS ENGINEER.
- GRADED AREAS MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE SHALL BE DIRECTED TOWARDS DRAINAGE INLETS.
- TEMPORARY EROSION CONTROL DEVICES SHOWN ON THIS PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
- ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR.
- HYDROMULCHING OF SLOPES OVER 5' IN HEIGHT SHALL BE COMPLETED BETWEEN SEPTEMBER 1 AND OCTOBER 1 OF THE YEAR IN WHICH THEY ARE CONSTRUCTED OR IMMEDIATELY AFTER THEIR CONSTRUCTION IF THEY ARE COMPLETED AFTER OCTOBER 1ST. APPLICATION RATES SHALL BE AS FOLLOWS AS REQUIRED BY CITY OF LOS BANOS:

HYDROSEED MIX: BOTANICAL NAME	(COMMON NAME)	MIN	. % PURITY MIN.	% GERMINATION		LB/ACRE
ARISTIDA TERNIPES VAR. HAMUL	OSA		(THREE-AWN)	90%	85%	2
BROMUS CARINATUS	(CALIFORNIA BROME)		90%	85%	2	
ELYMUS GLAUCUS	(BLUE WILD RYE)		90%	85%	4	
ELYMUS TRACHYCAULUS SSP. TRACHYCAULUS	(SLENDER WHEATGRASS)		90%	85%	3	
MELICA CALIFORNICA	(CALIFORNIA ONION GRASS	3)	90%	85%	2	
MUHLENBERGIA RIGENS	(DEER GRASS)		90%	85%	4	
NASSELLA LEPIDA	(FOOTHILL NEEDLEGRASS)		90%	85%	6	
TRIFOLIUM HIRTUM	('HYKON' ROSE CLOVER)		90%	85%	10	
CELLULOSE FIBER MULCH					2000	
ORGANIC BINDER WITH HYDROS	EED SLURRY				50	
16-20-O-S FERTILIZER					300	

- WHEN DIRECTED BY THE INSPECTOR, A 12-INCH BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS
- STAND-BY CREWS SHALL BE ALERTED BY THE PERMITTEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
- I. SEWER OR STORM DRAIN TRENCHES THAT DRAIN THROUGH BASIN DIKES SHALL BE PLUGGED WITH SANDBAGS FROM TOP OF PIPE TO TOP OF DIKE.
- ALL UTILITY TRENCHES SHALL BE BLOCKED WHEN DIRECTED BY THE DESIGN ENGINEER AT THE PRESCRIBED INTERVALS FROM THE BOTTOM TO TOP WITH DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SANDBAGS ARE TO BE PLACED WITH ALTERNATE OF THE GROUND SURFACE, BUT NOT TO EXCEED THE FOLLOWING:

GRADE OF GROUND SURFACE OR STREET INTERVAL LESS THAN 2% 100 FEET 2% TO 4% 50 FEET 4% TO 10% OVER 10% 25 FEET

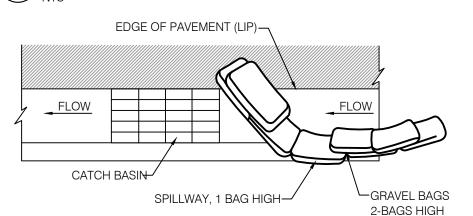
- PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED ABOVE. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF SANDBAGS, TIMBER, OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE INSPECTOR, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. EARTH DIKES MAY NOT BE USED AS VELOCITY CHECK DAMS.
- AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS-FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET. REMOVE ALL CHECK DAMS PRIOR TO BACKFILL.
- B. TO CONTROL SEDIMENT ENTERING FIELD INLETS, PLACE TWO STRAW BALES IN THE CONCRETE V-DITCH AT THE SIDE OPENING OF THE FIELD INLET AT THE LOCATIONS SHOWN ON THIS PLAN.
- 9. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR WHEN DIRECTED BY THE INSPECTOR.
- . ALL BASINS AND CHECK DAMS SHALL HAVE BEEN PUMPED DRY, AND ALL DEBRIS AND SILT REMOVED WITHIN 24 HOURS AFTER
- SANDBAGS SHALL BE STOCKPILED ON-SITE, READY TO BE PLACED IN POSITION WHEN RAIN FORECAST IS 40% CHANCE OR
- 2. EXPOSED SLOPES SHALL BE PROTECTED BY VEGETATION COVER OR FABRIC COVER AS APPROVED BY THE CITY ENGINEER.
- WHEN PAD ELEVATION OF ADJACENT LOTS OR ELEVATION BETWEEN STREET AND LOT ARE SEPARATED BY MORE THAN 6 FEET, A MINIMUM 12" BERM SHALL BE MAINTAINED ALONG THE PROPERTY LINE SEPARATING THE LOTS, AND THE BERM SHALL DIRECT THE WATER TO THE OUTLET. VELOCITY CHECK DAMS SHALL BE INSTALLED BETWEEN THE OUTLET ON THE LOT AND THE STREET
- . ALL EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE CASQA STORMWATER MANAGEMENT HANDBOOK.
- 25. ALL FINISHED PADS SHALL BE PROTECTED.
- 26. THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY.
- . $\,$ THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD. FIELD CONDITIONS MAY NECESSITATE MODIFICATIONS TO THIS PLAN.
- 8. NO ONSITE FUELING SHALL TAKE PLACE.
- 29. SEAL OR SKIRT BETWEEN TRAILER & GRADING TO PREVENT EXPOSURE TO DRAIN.
-). STRAW WATTLES INSTALLED ON A SLOPE SHALL CONFORM TO THE GUIDELINES SPECIFIED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM BEST MANAGEMENT
- . EROSION RESISTANT VEGETATION SHOULD BE MAINTAINED ON THE FACE OF ALL SLOPES.
- 2. CONTRACTOR SHALL REFER TO THE PROJECT STORM WATER POLLUTION PLAN (SWPPP) FOR ALL PRE AND POST CONSTRUCTION EROSION CONTROL MEASURES AND BEST MANAGEMENT PRACTICES (BMPs).
- . ALL BASINS SHALL BE HYDROSEEDED IN ACCORDANCE TO THE PROJECT SWPPP.
- . CONTRACTOR SHALL INSTALL DRAIN INLET PROTECTION FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS LOCATED IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY ONSITE CATCH BASINS.
- CONTRACTOR SHALL ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT DEPOSIT SEDIMENT ON TO THE PUBLIC ROADWAY, SIDEWALKS AND GUTTERS.
- $_{
 m i6.}$ Contractor shall use street sweeping or other dry sweeping methods, as necessary, to remove construction RELATED SEDIMENT FROM PAVEMENT IN THE PROJECT AREA AND PROJECT ROADWAY.
- 7. CONTRACTOR SHALL SCHEDULE WORK FOR DRY WEATHER DAYS WHEN NO RAIN IS IN THE IMMEDIATE FORECAST

LEGEND STRAW WATTLE (SEE DETAIL "D") TO BE PLACED AT ALL LOCATIONS SHOWN. STRAW WATTLES SHALL ALSO BE PLACED AT THE FRONT OF ANY LOT WHERE AN UNDERCUT IS NOT PRESENT. CONCRETE WASHOUT AREA (SEE DETAIL "E") INLET PROTECTION (SEE DETAILS "A", "B", AND "C") SHALL EDGE OF PAVEMENT (LIP)-

- SPILLWAY, 1 BAG HIGH

BE PLACED AROUND ALL CATCH BASINS WITHIN THE PROJECT DRAINAGE LIMITS; INCLUDING BUT NOT LIMITED TO ALL LANDSCAPE DRAINAGE. ALSO, INLET PROTECTION SHALL BE PLACED AT THE FIRST INLET DOWNSTREAM FROM THE PROJECT SITE (ON EITHER TEMPORARY STABILIZED CONSTRUCTION ENTRANCE TO BE DETERMINED BY CONTRACTOR IN FIELD. (SEE DETAIL

2-BAGS HIGH TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

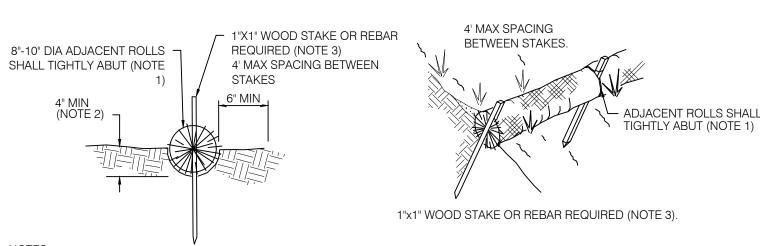
- 1. INTENDED FOR SHORT-TERM USE.
- 2. USE TO INHIBIT NON-STORM WATER FLOW. 3. ALLOW FOR PROPER MAINTENANCE AND CLEAN UP.
- 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
- 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

DI PROTECTION TYPE 3 - GRAVEL BAG

THE GRAVEL BAG BARRIER (TYPE 3) IS SHOWN IN THE FIGURES. FLOW FROM A SEVERE STORM SHOULD NOT OVERTOP THE CURB. IN AREAS OF HIGH CLAY AND SILTS, USE FILTER FABRIC AND GRAVEL AS ADDITIONAL FILTER MEDIA. GRAVEL BAGS SHOULD BE USED DUE TO THEIR HIGH PERMEABILITY.

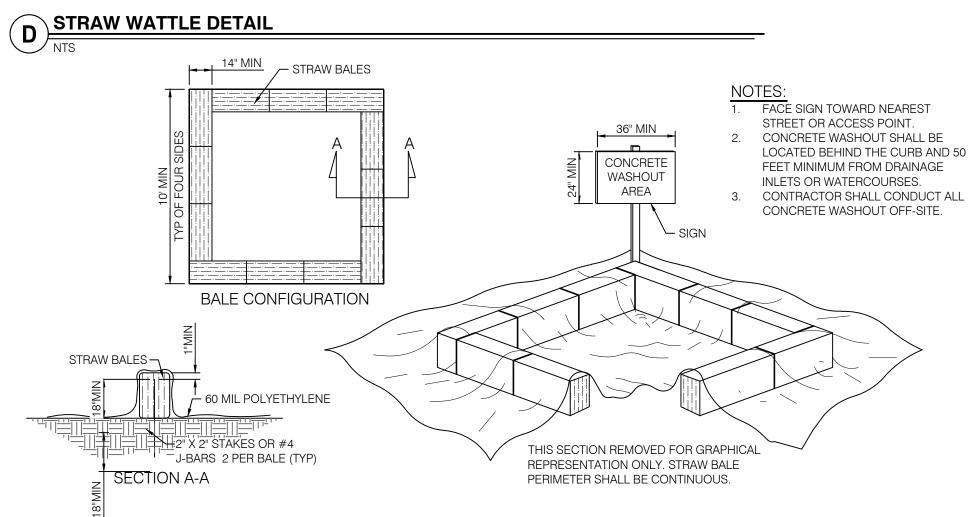
- USE SAND BAG MADE OF GEOTEXTILE FABRIC (NOT BURLAP) AND FILL WITH 0.75 IN. ROCK OR 0.25 IN. PEA GRAVEL. CONSTRUCT ON GENTLY SLOPING STREET.
- LEAVE ROOM UPSTREAM OF BARRIER FOR WATER TO POND AND SEDIMENT TO SETTLE
- PLACE SEVERAL LAYERS OF SAND BAGS OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER. 5. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY. FLOW FROM A SEVERE STORM (E.G., 10 YEAR STORM)
- SHOULD NOT OVERTOP THE CURB. THIS DETAIL IS TO BE USED ON EXISTING STREETS WHERE SILTED FLOW IS TO BE INTERCEPTED (CAUGHT) PRIOR TO ENTERING THE STORM DRAIN SYSTEM. SANDBAGS CAN ALSO BE USED WHEN THE ROUGH GRADED STREETS HAVE POURED INPLACE CONCRETE SURROUNDING THE INLET TO CREATE A "FLOW LINE" WHERE A DAM CAN BE ACHIEVED TO PROTECT THE STORM SYSTEM FROM THE INFLOW OF SEDIMENT.

O DI PROTECTION - TYPE 3

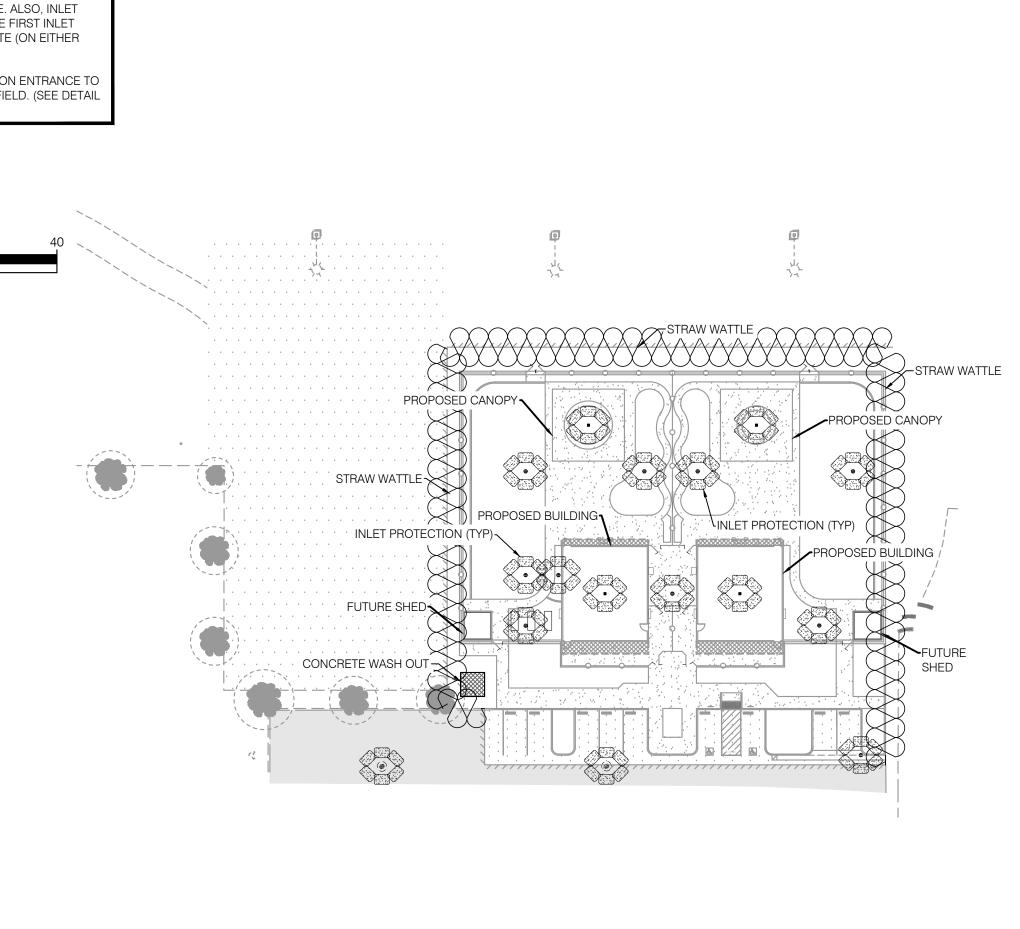


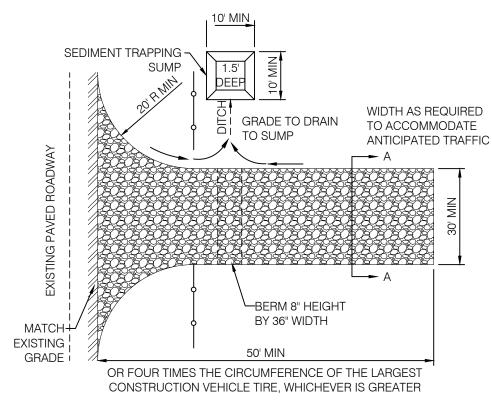
- 1. WATTLES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
- 2. EACH WATTLE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES. AFTER CONSTRUCTION, CONTRACTOR TO REMOVE WATTLES AND FILL CAVITY
- 3. WATTLES SHALL BE SECURELY ANCHORED IN PLACE BY TWO STAKES OR REBARS DRIVEN THROUGH THE WATTLES. THE FIRST STAKE IN EACH WATTLE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID WATTLE TO FORCE THE WATTLES TOGETHER. 4. THE DIKE SHALL BE INSPECTED AFTER EACH STORM, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. THE

WATTLES SHALL BE REMOVED ONCE THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR









CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE

CRUSHED AGGREGATE GREATER THAN 3" BUT SMALLER 3% OR FLATTER AT 1:1 SLOPE 12" MIN, UNLESS OTHERWISE ORIGINAL GRADE SPECIFIED BY A SOILS ENGINEER **SECTION A-A**

CORRUGATED STEEL PANELS WIDTH AS REQUIRED GRADE TO DRAIN TO ACCOMMODATE ANTICIPATED TRAFFIC 24' MIN EXISTING ! OR FOUR TIMES THE CIRCUMFERENCE OF THE LARGEST CONSTRUCTION VEHICLE TIRE, WHICHEVER IS GREATER

SEDIMENT TRAPPING

CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE

- CORRUGATED STEEL PANELS CRUSHED AGGREGATE -GREATER THAN 3" BUT SMALLER 3% OR FLATTER - 12" MIN, UNLESS OTHERWISE ☐ ORIGINAL GRADE SPECIFIED BY A SOILS ENGINEER

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

THE TEMPORARY STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE PLANS AND SPECIFICATIONS OF THE LATEST EDITION OF THE CALIFORNIA STORMWATER HANDBOOK, DETAIL TC-1. WHERE THERE IS A DISCREPANCY BETWEEN THIS DETAIL AND THE CALIFORNIA STORMWATER HANDBOOK, THE HANDBOOK SHALL GOVERN. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT EACH ENTRANCE TO THE PROJECT SITE AND SHALL BE CONSTRUCTED ON LEVEL GROUND.

- THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 3 TO 6 INCH DIA. STONE. THE THICKNESS FOR THE PAD SHALL NOT BE LESS THAN 12 INCHES OR AS RECOMMENDED BY SOILS ENGINEER.
- THE WIDTH OF THE PAD SHALL NOT BE LESS THAN 30' OR THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS, WHICHEVER IS GREATER.
- THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED
- ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP, SEDIMENT BASIN, OR SEDIMENT SWALE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF GRAVEL BAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- CONTRACTOR TO REMOVE AND DISPOSE OF STABILIZED CONSTRUCTION ENTRANCE UPON COMPLETION OF CONSTRUCTION. 10. CONSTRUCTION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE 2003 CALIFORNIA STORMWATER BMP HANDBOOK.

F TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

BID DOCUMENTS ONLY DSA APPROVED DOCUMENTS REQUIRED PRIOR TO CONSTRUCTION

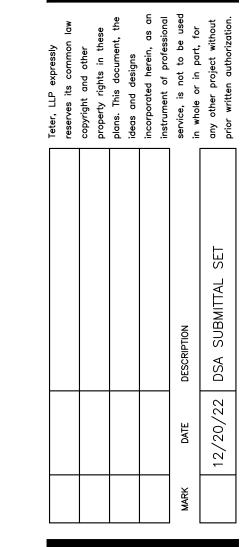
COPYRIGHT © 2023 NORTHSTAR ENGINEERING GROUP INC.

620 12th Street

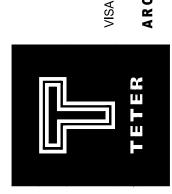
• CIVIL ENGINEERING • SURVEYING • PLANNING •

(209) 524–3525 Phone (209) 524–3526 Fax

Modesto, CA 95354



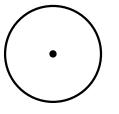




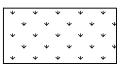
PROJECT NO.

LANDSCAPE DEMOLITION LEGEND

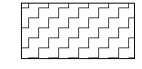
SYMBOL DESCRIPTION



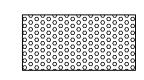
Existing Tree to Remain & Protect. Limit compaction and disturbance within the tree drip line. Use orange construction fencing to limit access to these areas before starting work. Provide temporary water as required to maintain a healthy growth state.



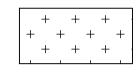
Existing Turf & Landscape Areas to Remain and Protect. The Contractor is responsible to protect any existing turf, plant materials or trees that are to remain and protect. Existing turf, plant material or trees that are damaged due to construction activities, vehicle damage, stress due to lack of water or other deterioration of the existing areas to remain are to be restored by the contractor to the existing condition prior to the project at no additional cost to the District. This includes damage that may occur at any area of the campus. In disturbed areas, the Contractor is to fill and grade low and depressed areas with clean sandy topsoil and hydroseed existing turf areas to match the adjacent existing turf. In shrub areas, after grading as described above, the Contractor is to repair any damage and replace any stressed or damaged plant material to match the existing. The Contractor is responsible for hydroseeding over trenches and all disturbed turf areas due to any construction activities. Contractor is to maintain hydroseeded and repaired landscape areas until fully established and weed free, a minimum of 90 days or until accepted by the District.



Existing Gravel Parking Lot to be removed. See Civil Plans for additional information.



Existing Planter Areas to be Removed. Contractor is to remove the designated shrubs to include all vegetation, branches, trunk, stump and roots to a minimum depth of 24" below grade. Contractor is to fill any depressed areas with clean sandy topsoil and haul all debris off site at the contractors expense to and approved disposal site. Contractor is to protect adjacent tree from damage during shrub removal process. Contractor to field verify site conditions prior to bidding.



Existing Gravel Parking Lot to Remain & Protect.

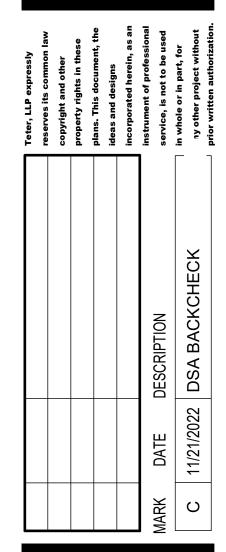
LANDSCAPE DEMOLITION KEYNOTES

CONTRACTOR IS TO CAREFULLY REVIEW THE AREA AND PROTECT EXISTING IMPROVEMENTS TO REMAIN AND PROTECT DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. CONTRACTOR TO FIELD VERIFY.

EXISTING VALVES, FIRE HYDRANT AND OTHER INFRASTRUCTURE TO REMAIN AND PROTECT.

David Bigler Associates Landscape Architect #3887 516 W Shaw Avenue, #101 Fresno, California 93704 E Mail: davebigler @aol.com Fax: (559) 276-9497

APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹





IRRIGATION DEMOLITION LEGEND

SYMBOL DESCRIPTION

 $\langle \circ \rangle$

Existing Sprinklers to Remain & Protect, unless otherwise noted. See Keynotes and Landscape Irrigation Plan, L201 Contractor to field verify.

----- Existing Lateral Pipe to Remain & Protect. Modify as required for the project. See Keynotes and Landscape Irrigation Plan, L201 Contractor to field verify.

Existing Irrigation Mainline (Remain & Protect): Routing shown is diagrammatic. Contractor is to pot

hole and field locate all relevant existing irrigation improvements that affect construction activities. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Irrigation Plan L201 for additional information where new irrigation mainline will connect to existing irrigation mainline pipe. Contractor to field verify.

Existing Remote Control Valve to Remain & Protect. Contractor to field verify.

Existing Gate Valve to Remain & Protect. Contractor to field verify.

Existing Air Relief Valve to Remain & Protect, unless otherwise noted. See Keynotes and Landscape Irrigation Plan, L201 Contractor to field verify.

Existing Quick Coupler Valve to Remain & Protect. Contractor to field verify.

Existing Controller # / Station #

Gallons per minute (UNK - Valve flow rate is unknown)

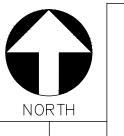
Existing Irrigation Improvements to Remain and Protect. All areas adjacent to the project area have existing Irrigation Improvements to Remain & Protect. Contractor is to repair all damage to existing improvements that are intended to remain & protect to match existing improvements. Damage may be a direct or indirect result of their work or may be caused by neglect. Contractor to field verify.

Existing Irrigation Areas to be Modified. The existing landscape planter is being modified. Some existing sprinklers will remain and the modified areas will have new sprinklers installed. Contractor is to remove, add, relocate and replace sprinklers as required and modify existing lateral piping as required. See Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.

Dashed symbols represent existing irrigation improvements to Remain & Protect unless otherwise noted or located in areas to receive new improvements or areas to have new irrigation installed. Existing locations are diagrammatic. Contractor is to field locate all existing improvements that may effect the work. Contractor to field verify.

IRRIGATION DEMOLITION KEYNOTES

- EXISTING AIR RELIEF VALVE TO BE REMOVED AND REPLACED IN EXISTING LOCATION. CONTRACTOR TO INSTALL NEW VALVE AIR RELIEF VALVE AND VALVE BOX, SEE LANDSCAPE IRRIGATION PLAN L201 AND INSTALLATION DETAIL #17 ON PLAN SHEET L301 FOR ADDITIONAL INFORMATION. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CONTRACTOR TO FIELD VERIFY.
- EXISTING SHRUB SPRAY SPRINKLERS TO REMAIN AND PROTECT. CONTRACTOR IS TO REPLACE EXISTING SPRAY SPRINKLER MPR NOZZLE WITH NEW TORO PRECISION SERIES SPRAY SPRINKLER NOZZLE TO MATCH EXISTING SPRINKLER PATTERN, ARC AND RADIUS. CONTRACTOR TO FIELD LOCATE. ALL POP UP SPRAY SPRINKLERS ON EXISTING REMOTE CONTROL VALVES C-11 AND D-12 ARE TO HAVE NEW HIGH EFFICIENT SPRAY NOZZLES INSTALLED. CONTRACTOR IS TO REPLACE UP TO TWENTY (20) SPRINKLER BODIES TO MATCH EXISTING TO REPLACE SPRINKLERS IN DISREPAIR. SEE LANDSCAPE IRRIGATION PLAN L201 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.
- IRRIGATION POINT OF CONNECTION: CONTRACTOR IS TO CONNECT NEW IRRIGATION MAINLINE PIPE TO EXISTING IRRIGATION MAINLINE PIPE TO REMAIN IN SERVICE AT THE LOCATIONS INDICATED. EXISTING MAINLINE PIPE ROUTING IS DIAGRAMMATIC, AND CONTRACTOR IS TO FIELD LOCATE TO DETERMINE POINTS OF CONNECTION IN THE FIELD. SEE IRRIGATION PLAN L201 FOR ADDITIONAL INFORMATION. CONTRACTOR IS TO FIELD LOCATE AND SECURE EXISTING LOW VOLTAGE CONTROL WIRING STUBBED TO THE VICINITY FOR FUTURE USE. CONTRACTOR IS TO INSTALL WATER-PROOF WIRE SPLICE KITS TO PREVENT CORROSION FOR FUTURE USE. CONTRACTOR TO FIELD VERIFY.
- CONTRACTOR IS TO FIELD LOCATE EXISTING LATERAL IRRIGATION PIPES THAT SUPPLY EXISTING IRRIGATION TO BE MODIFIED AND IS TO RECEIVE PARTIAL NEW IRRIGATION IMPROVEMENTS. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CONTRACTOR IS TO MODIFY AND CONNECT NEW LATERAL PIPE WITH EXISTING LATERAL PIPES AS REQUIRED. SEE IRRIGATION PLAN L201 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.
- EXISTING REMOTE CONTROL VALVE FOR EXISTING SPRINKLERS TO REMAIN & PROTECT TO MAINTAIN EXISTING CONTROLLER ASSIGNMENTS. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. WHERE REQUIRED, CONTRACTOR IS TO TRACE WIRING TO LOCATE EXISTING VALVES. SEE LANDSCAPE IRRIGATION PLAN, L201 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.

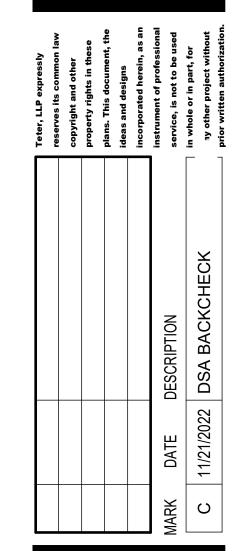


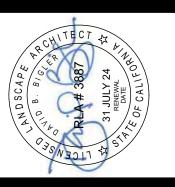


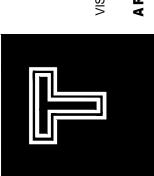
Landscape Architect #3887 516 W Shaw Avenue, #101

Fresno, California 93704 E Mail: davebigler @aol.com Tel: (559) 276-9495 Fax: (559) 276-9497

DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 12/28/2022



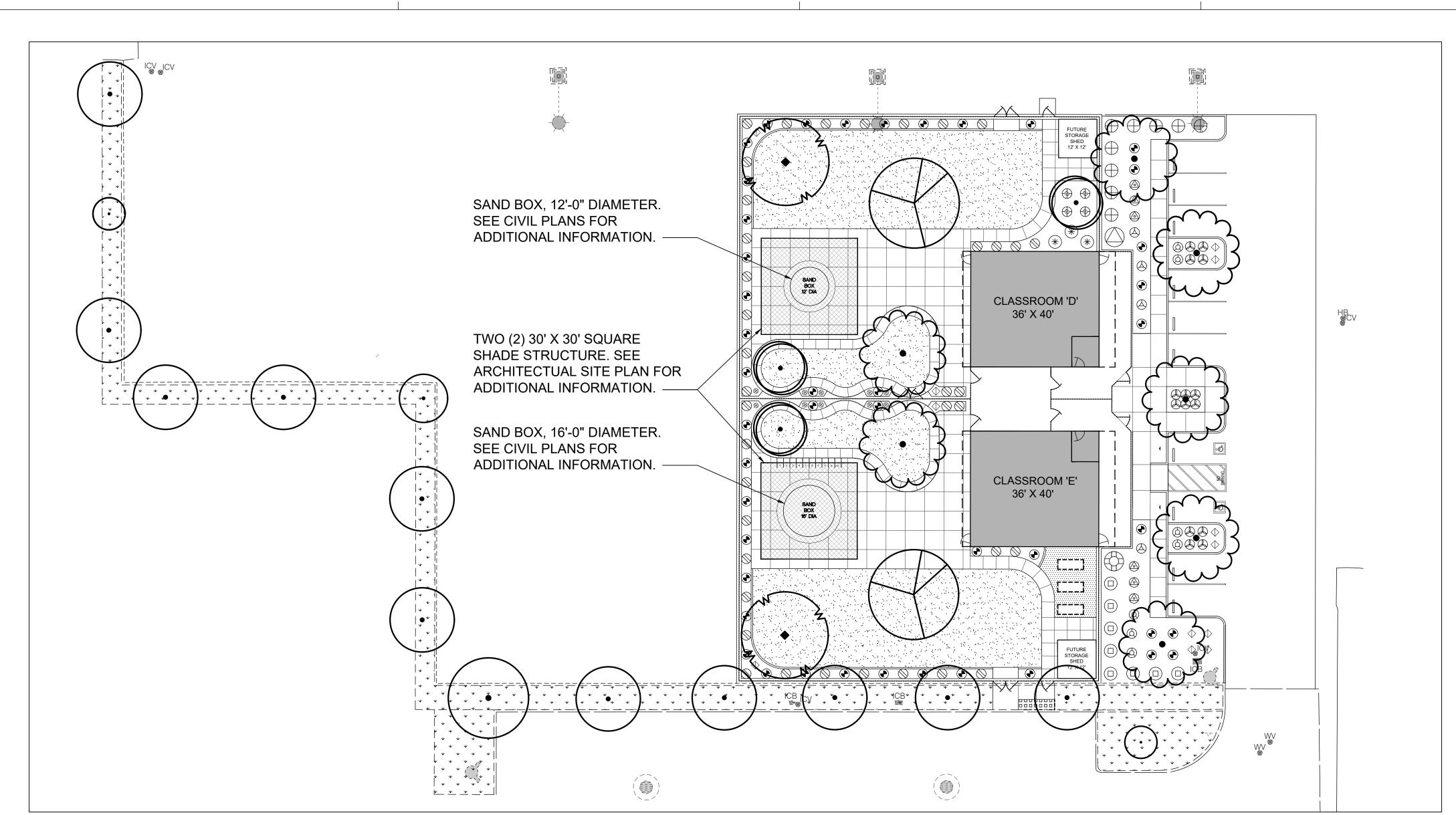




ШО

22-12075

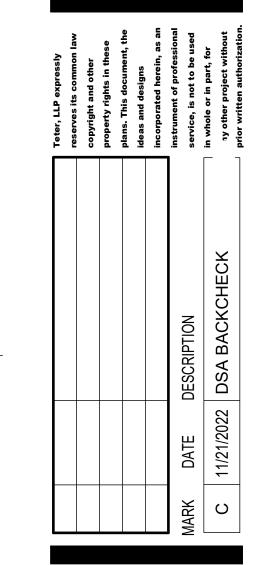
DRAWING

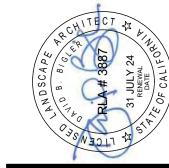


NEW PARKING LOT SHADING CALCULATION

	100%	Total
LARGE TREE (30' - 35')	962 SF	
Ulmus parvifolia		
QUANTITY	0	
TOTAL SF FOR LARGE TREES	0 SF	0 SF
MEDIUM TREE (20' - 30')	707 SF	
PISTACIA chinensis		
QUANTITY	5	
TOTAL SF FOR MEDIUM TREES	3,535 SF	3,535 SF
SMALL TREE (15' - 20')	314 SF	
LAGERSTROEMIA		
QUANTITY	0	
TOTAL SF FOR SMALL TREES	0 SF	0 SF
TOTAL LANDSCAPE SHADING PRO	OVIDED	3,535 SF
TOTAL PARKING LOT AREA	6,932 SF	
PARKING LOT SHADING PERCENT	AGE	51%

DIV. OF THE STATE ARCHIT APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹





OP. EL OL LOS BANOS
CHILD DE
MERCED

22-12075

David Bigler Associates Landscape Architect #3887 516 W Shaw Avenue. #101 Fresno, California 93704 E Mail: davebigler @aol.com Tel: (559) 276-9495 Fax: (559) 276-9497

LANDSCAPE PLANTING LEGEND

	WATER				WATER		
SYMBOL	USE	SIZE	DESCRIPTION	SYMBOL	USE	SIZE	DESCRIPTION
8	Low	1 Gal	TULBAGHIA violacea, Society Garlic.	W			
\Diamond	Low	1 Gal	LANTANA montevidensis 'Trailing Lavender', Lavender Lantana.	(•)	Mod	15 Gal	QUERCUS virginiana, Southern Live Oak Tree.
	Low	5 Gal	LEUCOPHYLLUM zygophyllum 'Cimarron', Blue Ranger.	Z m			
	Low	1 Gal	LANTANA 'New Gold', Golden Yellow Lantana.		NA - J	45.0-1	AOED with war 10 states of Olam I. Dad Marila Tra-
	Low	1 Gal	DIETES iridioides 'Lemon Drops', Hybrid Fortnight Lily.		Mod	15 Gal	ACER rubrum 'October Glory', Red Maple Tree.
\bigcirc	Low	5 Gal	NANDINA domestica 'Gulf Stream', Heavenly Bamboo.				
	Low	1 Gal	DIANELLA revoluta 'Little Rev', Little Rev Flax.	{ • }	Low	15 Gal	PISTACIA chinensis 'Keith Davey', Chinese Pistache Tree.
•	Mod	1 Gal	DIANELLA caerulea 'Cassa Blue', Cassa Blue Flax.	Land,			
	Low	5 Gal	ERIGERON karvinskianus, Santa Barbara Daisy.				Eviation Tura ta Danasia () Duata et Lincit aguan action, and diatumb agua vuithin the two admin
*	Mod	5 Gal	LOROPETALUM chinense 'Burgundy', Loropetelum.	(•)			Existing Tree to Remain & Protect. Limit compaction and disturbance within the tree drip line. Use orange construction fencing to limit access to these areas before starting work. Provide temporary water as required to maintain a healthy growth state.
	Low	5 Gal	CALLISTEMON viminalis 'Little John', Dwarf Bottle Brush.				
\bigoplus	Mod	5 Gal	RHAPHIOLEPIS indica 'Jack Evans', Indian Hawthorn.				New Turf Area: 100% Celebration Bermudagrass Sod by AG Sod or approved equal. Sod is to be overseeded with perennial ryegrass if planted after September 1st or before April 15th. If sod is installed between April 15th and September 1st then sod is not
	Low	15 Gal	LAGERSTROEMIA indica 'Pink Velour', Pink Crape Myrtle Tree, multi trunk/low branching form.	tes i verse (1756) i sed			required to be overseeded with perennial ryegrass and a credit is to be submitted to the District. See specifications for Sod Installation. Contractor is to maintain sodded areas
	Mod	15 Gal	MAGNOLIA soulagiana 'Alexandrina', Saucer Magnolia, Multi Trunk Form.				until fully established and weed free. Grade turf areas 1" below adjacent concrete sidewalks and contour grades to insure positive drainage, see Site Grading Plan. Contractor is to remove all vegetation, green waste and debris off site at no additional
	Mod	15 Gal	PRUNUS cerasifera 'Krauter Vesuvius', Purple Leaf Plum Tree, Standard Form.				cost to the District. All planters are to have a positive slope away from buildings (min. 2% slope).

DESCRIPTION

3" layer of grey stabilized Decomposed Granite mulch, compacted thickness as supplied by Rosenbalm Rockery, or approved equal. Submit samples to District to approve material to be installed. Decomposed Granite is to be top quality and of the highest grade. Decomposed Granite areas are to be compacted with a water drum roller and vibrating plate compacter and finished graded per the site grading plan. Decomposed Granite is to be at optimum moisture content for compaction work. Sloppy or loose / lightly compacted areas will be rejected. See Installation Detail #14 on Plan Sheet L301

Three Inch (3") compacted layer of Walk on Bark Topdressing Mulch to be supplied by Superior Soil Supplements, or approved equal. Topdressing mulch to be placed in all non turf landscape areas. Topdressing mulch thickness is to be evaluated at the end of maintenance period and areas that do not have 3" compacted thickness are to have additional mulch added to have specified depth prior to project

Existing Turf & Landscape Areas to Remain and Protect. In disturbed areas, the Contractor is to fill and grade low and depressed areas with clean sandy topsoil and hydroseed existing turf areas to match the adjacent existing turf. In shrub areas, after grading as described above, the Contractor is to repair any damage and replace any stressed or damaged plant material to match the existing. The Contractor is responsible for hydroseeding over trenches and all disturbed turf areas due to any construction activities. Contractor is to maintain hydroseeded and repaired landscape areas until fully established and weed free, a minimum of 90 days or until accepted by the District. This includes damage that may occur in any area of the campus. Contractor to field verify.

6" x 6" Concrete Mow Strip with one (1) #4 rebar and deep groove expansion joints installed ten feet (10'-0") on center. Contractor to install weep holes in concrete mow strips at low areas as required to allow for proper drainage. See specifications for additional information. See Installation Detail #15 on Plan

2" x 6" Header Board flush with finish grade for future Raised Planter Box. Native soil inside header board is to be flush with finish grade. See Installation Detail #23 on plan sheet L302.

SEE TREE & SHRUB PLANTING DETAIL #21 ON PLAN SHEET L301

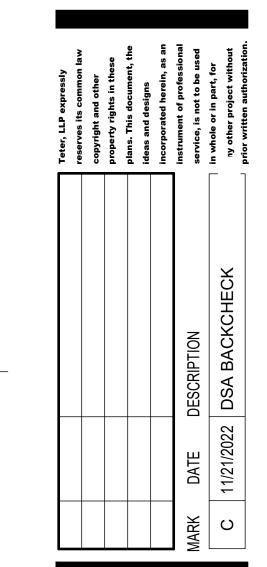


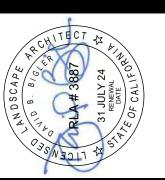
2" x 6" Header Board. See Installation Detail #23 on plan sheet L302.

IRRIGATION KEYNOTES

- (1) EXISTING AIR RELIEF VALVE TO BE REMOVED AND REPLACED IN EXISTING BOX, SEE IRRIGATION DEMOLITION PLAN L101 AND INSTALLATION DETAIL #17 ON PLAN SHEET L301 FOR ADDITIONAL INFORMATION. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CONTRACTOR TO FIELD VERIFY.
- EXISTING SHRUB SPRAY SPRINKLERS TO REMAIN AND PROTECT. CONTRACTOR IS PRECISION SERIES SPRAY SPRINKLER NOZZLE TO MATCH EXISTING SPRINKLER PATTERN, ARC AND RADIUS. CONTRACTOR TO FIELD LOCATE. ALL POP UP SPRAY SPRINKLERS ON EXISTING REMOTE CONTROL VALVES C-11 AND D-12 ARE TO HAVE NEW HIGH EFFICIENT SPRAY NOZZLES INSTALLED. CONTRACTOR IS TO REPLACE UP TO TWENTY (20) SPRINKLER BODIES TO MATCH EXISTING TO REPLACE SPRINKLERS IN DISREPAIR. SEE IRRIGATION DEMOLITION PLAN L101 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.
- 3 IRRIGATION POINT OF CONNECTION: CONTRACTOR IS TO CONNECT NEW IRRIGATION MAINLINE PIPE TO EXISTING IRRIGATION MAINLINE PIPE TO REMAIN IN SERVICE AT THE LOCATIONS INDICATED. EXISTING MAINLINE PIPE ROUTING IS DIAGRAMMATIC, AND CONTRACTOR IS TO FIELD LOCATE TO DETERMINE POINTS OF CONNECTION IN THE FIELD. SEE IRRIGATION DEMOLITION PLAN L101 FOR ADDITIONAL INFORMATION. CONTRACTOR IS TO FIELD LOCATE AND SECURE EXISTING LOW VOLTAGE CONTROL WIRING STUBBED TO THE VICINITY FOR FUTURE USE. CONTRACTOR IS TO INSTALL WATER-PROOF WIRE SPLICE KITS TO PREVENT CORROSION FOR FUTURE USE. CONTRACTOR TO FIELD VERIFY
- (4) CONTRACTOR IS TO FIELD LOCATE EXISTING LATERAL PIPES AND CONNECT NEW LATERAL PIPES FOR THE MODIFIED IRRIGATION AREA. REMOVE EXISTING SPRINKLERS WHERE NEW CONCRETE SIDEWALK IS BEING INSTALLED. INSTALL NEW LATERAL PIPE IN A SLEEVE BELOW THE NEW CONCRETE SIDEWALK. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CONTRACTOR IS TO MODIFY AND CONNECT NEW LATERAL PIPE WITH EXISTING LATERAL PIPES AS REQUIRED. CONTRACTOR TO FIELD VERIFY.
- EXISTING REMOTE CONTROL VALVE FOR EXISTING SPRINKLERS TO REMAIN & PROTECT TO MAINTAIN EXISTING CONTROLLER ASSIGNMENTS. LOCATION SHOWN IS DIAGRAMMATIC AND ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. WHERE REQUIRED, CONTRACTOR IS TO TRACE WIRING TO LOCATE EXISTING VALVES. SEE IRRIGATION DEMOLITION PLAN, L101 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.
- 6 CONTRACTOR IS TO STUB TEN (10) EXTRA 'HOT' LOW VOLTAGE CONTROL WIRES AND TWO (2) EXTRA 'COMMON' LOW VOLTAGE CONTROL WIRES FOR FUTURE USE TO EACH OF TWO (2) DESIGNATED LOCATIONS. CONTRACTOR IS TO INSTALL WATER-PROOF SPLICE KITS ON THE ENDS OF ALL EXTRA WIRES TO PROTECT FROM CORROSION AND INSTALL EXTRA WIRES IN A 10" ROUND VALVE BOX.

APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 12/28/2022





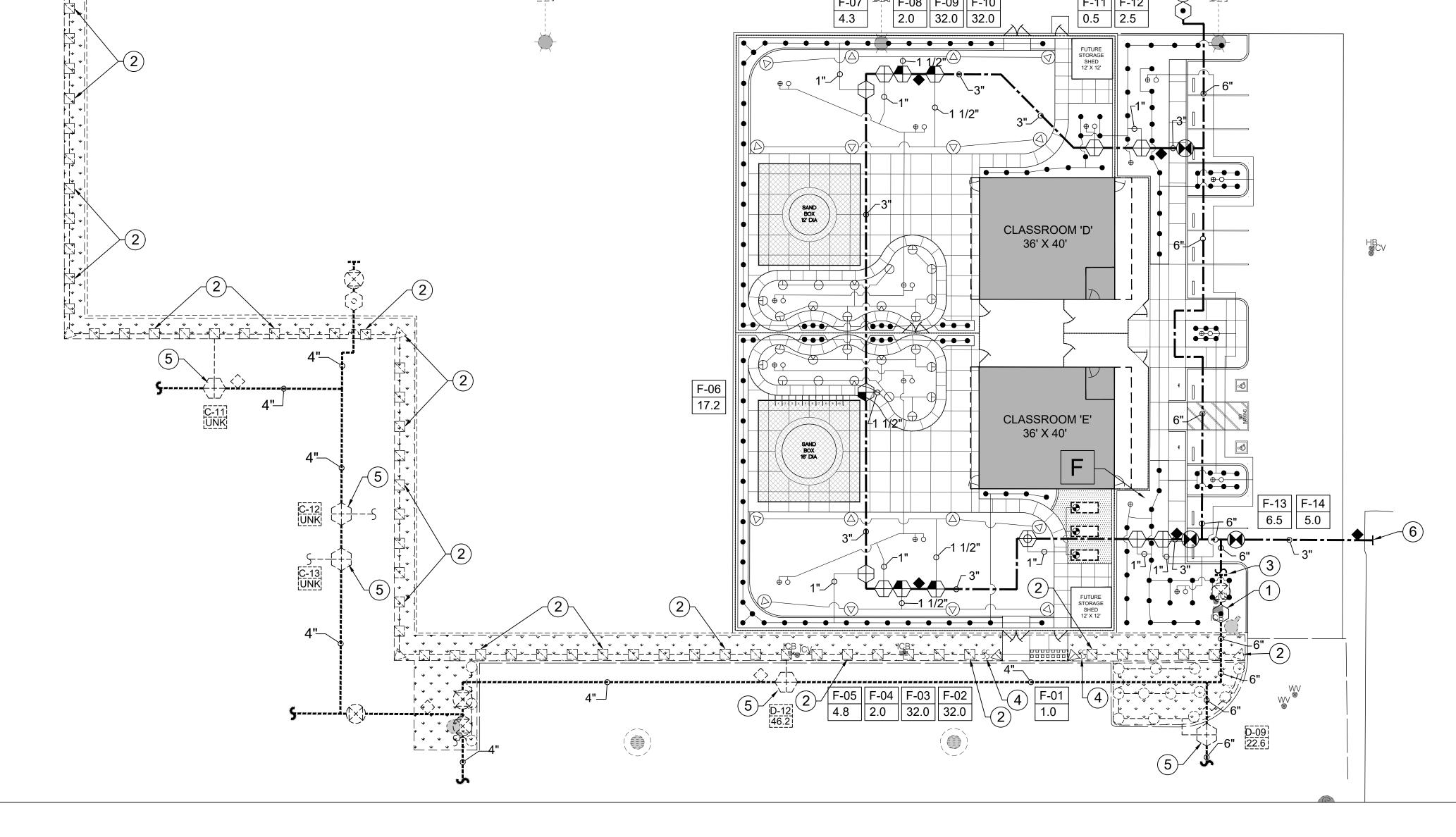


22-12075

L201

1" = 20'-0" 4

Mail: davebigler@aol.com



SEE LANDSCAPE IRRIGATION LEGEND ON PLAN SHEET L202

= $(51.5) \times (0.62) \times [(0.45 \times 13,074) + (1.0 - 0.45) \times (6,790)]$ = 307,096 gallons per year

ETWU (**Hydrozone #1 - Low - Bubblers**)

Plant

Factor

(PF)

.2

N/A

Sum

Plant

Water

Use Req.

Low

SLA

Hydrozone

(HZ)

 $ETWU = (Et_O)x(0.62)x[((PF)x(HA))/(IE)]$ = (51.5)x(0.62)x[((0.2)x(6,284))/(0.81)]= 49,543 gallons per year

Hydrozone

Area (sq ft)

(HA)

13,074

ETWU (Hydrozone #2 - SLA) $ETWU = (Et_O)x(0.62)x(HA)$ = (51.5)x(0.62)x(6,790)= 216,805 gallons per year

TOTAL ETWU (Sum of Hydrozones 1 & 2) = 266,348 gallons per year

MAWA > ETWU

F-02 thru F-04, F-06,

F-08 thru F-10

	•		
Zone or Valve Numbers	Irrigation Method	Percent of Landscape Area	
F-01, F-05, F-07, F-11 thru F-15	Bubblers	48%	0.81

N/A

Sprays

& Rotors

LANDSCAPE IRRIGATION LEGEND

SYMBOL	DESCRIPTION
•	Toro #570Z-PRX-COM-10-SBQ-PC3, 4" Pop-Up Sprinkler, check valve and Stream Bubbler Nozzle (½" inlet: 0.11 gpm @ 30 psi). See Installation Detail #01 on Plan Sheet L300
\oplus	Toro #570Z-PRX-COM-10-SBH-PC3, 4" Pop-Up Sprinkler, check valve and Stream Bubbler Nozzle (½" inlet: 0.22 gpm @ 30 psi). See Installation Detail #01 on Plan Sheet L300

Rainbird #RWS-B-C-1401 with #1401 (0.25 gpm) bubbler Root Watering System. See Installation Detail #03 on Plan Sheet L300

PVC to Drip Riser Stub for Future Use. See Installation Detail #19 on Plan Sheet L301

Toro # 570Z-6P-PRX-COM, 6" pop-up spray sprinkler with 12' radius Toro Precision Series PC nozzles, OT-12TP, OT-12HP & OT-12TTP patterns, quarter, third, half, two-thirds, three-quarters and full arcs. ($\frac{1}{2}$ " inlet: 0.5/0.75/1.03 @ 30 psi). Contractor is to adjust arc and radius to prevent overspray onto buildings and other hardscaped surfaces. If nozzle radius adjustment required is greater than 25% of nozzle rating, the contractor is to substitute nozzle with 8', 10' or specialty pattern nozzle as required at no additional cost to Owner. Contractor is to review nozzle substitutions with Landscape Architect for comment, prior to installation. See Installation Detail #02 on Plan Sheet L300

Toro # T5PCKSS-8.0-RS, 5" pop up T5 Rapid Set Series Rotor Sprinkler with part circle arc and check valve with #8.0 nozzle. (3/4" inlet: 8.0 gpm @ 45 psi). See Installation Detail #10 on plan sheet

Toro # 570Z-6P-PRX-COM, 6" pop-up spray sprinkler with 12' radius Toro Precision Series PC nozzles, OT-12-QP, quarter pattern arcs. (1/2" inlet: 0.39 gpm @ 30 psi). Contractor is to adjust arc and radius to prevent overspray onto buildings and other hardscaped surfaces. If nozzle radius adjustment required is greater than 25% of nozzle rating, the contractor is to substitute nozzle with 8', 10' or specialty pattern nozzle as required at no additional cost to Owner. Contractor is to review nozzle substitutions with Landscape Architect for comment, prior to installation. See Installation Detail #02 on Plan Sheet L300

1" Irritrol #100-P1.0-OMR-100, 100 Series Electric Remote Control Valve with pressure regulating module. Contractor is to install a maximum of one valve per valve box. Inlet pipe is to be the same size as the outlet pipe noted on the plan. Contractor is to install line size filter on all Precision Spray and bubbler valves in separate valve box adjacent to each other. Filters are to be installed on discharge side of valve. See Installation Details #04 & #06 on Plan Sheet L300

1 1/2" Irritrol #100-P1.5-OMR-100, 100 Series Electric Remote Control Valve with pressure regulating module. Contractor is to install a maximum of one valve per valve box. Inlet pipe is to be the same size as the outlet pipe noted on the plan. Contractor is to install line size filter on all Precision Spray and bubbler valves in separate valve box adjacent to each other. Filters are to be installed on discharge side of valve. See Installation Details #05 & #06 on Plan Sheet L300

Drip Valve: 1" Toro #DZK-700 Drip Zone Valve Kit with Irritrol #700 Ultra Flow Valve, 1" 150 Mesh filter and 40psi pressure regulator. See Installation Detail #20 on Plan Sheet L301

1" Toro #100-SL-VLC, Quick Coupling Valve, one piece body and locking rubber cover. Contractor is to provide three (3) 100-SLK valve keys with three (3) 075-MHS hose swivels and three (3) LK cover keys. See Installation Detail #09 on Plan Sheet L300

2" thru 3": Nibco #T-113 IRR BHW.

4" thru 6": Nibco # P619-RW, Resilient Seat Gasketed Joint Gate Valve, 200 psi. Gate Valves are to be line size and installed in a 10" round valve box. Provide two (2) square operating nut handles (4' min. length) for each type required to the Owner. See Installation Details #07 & #08 on Plan Sheet L300

1" Crispin #IC-10, Air and Vacuum Release Valve to be installed at high points and dead end runs of the mainline piping system. Install in a standard rectangular valve box. Contractor to field locate. See Installation Detail #17 on Plan Sheet L301

DESCRIPTION SYMBOL

> 1" thru 2": PVC Class 200 Solvent Weld lateral pipe. Sleeve all pipe under paved and future paved surfaces over six feet wide with PVC Schedule 40 pipe a minimum of two times larger than the pipe being sleeved. One pipe per sleeve only. Minimum sleeve size is 2". Low voltage control wiring is to be sleeved separately from irrigation pipes. Size lateral pipes as noted on Installation Detail #13 on Plan Sheet L301 Pipe sizes shall not exceed a velocity of 4.0 feet per second. Install all PVC pipe in strict accordance with the manufacturers recommendations. See Installation Details #11 & #12 on Plan Sheet L300

2" thru 3" PVC Schedule 40 SW Mainline Pipe. Mainline pipe fittings are to be PVC Schedule 80 solvent weld or threaded. 4" thru 6" PVC Class 200 Gasketed Mainline Pipe. Mainline pipe fittings are to be ductile iron Leemco gasketed fittings or Romac #202NS service saddle with double stainless steel straps, except where the irrigation details call for a specific fitting.

> Size Mainline Piping as noted on the plan. Install all pipe in strict accordance with manufacturers instructions with concrete thrust blocks at all changes in direction. No bending, or curving of the pipe will be allowed, except as permitted by the pipe manufacturer. Pipe manufacturer must be approved prior to installation. Use mechanical joint restraints where concrete thrust blocks are not applicable, such as vertical changes in direction, or when two pipelines are side by side. See Installation Details #11 & #12 on Plan Sheet L300 & Detail #16 on Plan Sheet L301

Mainline Pipe Stub for Future use. Install pipe cap, thrust block and mark with a standard rectangular valve box. Place stubbed wires coiled inside the valve box. Waterproof the wire ends.

Existing Irrigation Mainline: Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Sections of the existing mainline pipe are to remain and protect and other sections are being taken out of service. Mainline piping being taken out of service is to be removed where it interfere's with construction activities, otherwise mainline piping may be abandoned below grade. Cap ends to abandon below grade where it is cut or damaged. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Landscape Irrigation Plan L202 for additional information where new irrigation mainline will replace existing irrigation mainline pipe. See Irrigation Demolition Plan L101 for existing irrigation mainline to be removed or abandoned in place. Contractor is to field verify.



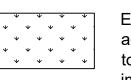
Point of Connection: Existing 6" PVC Irrigation Mainline Stub. Contractor is to connect to existing mainline pipe with approved mainline fittings to include LEEMCO deep bell gasketed or mechanical joint fittings or MEGA LUG fittings. Contractor to field

Toro #DXiPSB24-WMS-SS, DXi Series Controller compatible with existing Sentinel Central Control System with stainless steel pedestal enclosure. 24 station controller that is network ready with ethernet card. Campus network connection for internet access is via (CAT-6) network cable installed to irrigation controller location by Site Electrical / Data Contractor, see Electrical Plans. See Installation Details #18 on Plan Sheet L301 & #22 and #24 on Plan Sheet L302

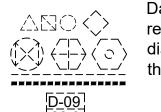
F-01 1.0

Controller # / Station # Approximate Flow Rate (Gallons per Minute)

NOT SHOWN Five (5) 'A', 'B', 'C', 'D' & 'E' Existing Irrigation Controllers located around the campus to Remain & Protect.



Existing Irrigation Improvements to Remain and Protect. All areas adjacent to the project area have existing Irrigation Improvements to Remain & Protect. Contractor is to repair all damage to existing improvements that are intended to remain & protect to match existing improvements. Damage may be a direct or indirect result of their work or may be caused by neglect. Contractor to field verify.



SEE LANDSCAPE IRRIGATION NOTES ON PLAN SHEET L302

Dashed symbols represent existing irrigation improvements to remain & protect unless otherwise noted. Existing locations are diagrammatic. Contractor is to field locate all existing improvements that may effect the work.

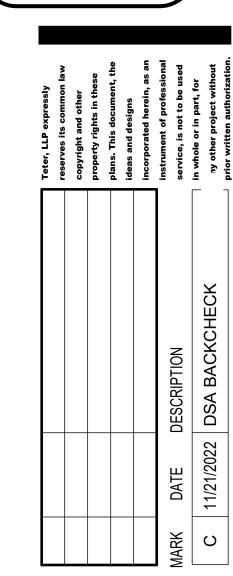


NTS 5



David Bigler Associates Landscape Architect #3887 516 W Shaw Avenue, #101 Fresno, California 93704 Mail: davebigler @aol.com Tel: (559) 276-9495 Fax: (559) 276-9497

IDENTIFICATION STAME DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 12/28/2022





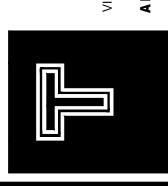
PROJECT NO.

22-12075

DRAWING

DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS FLS ACS

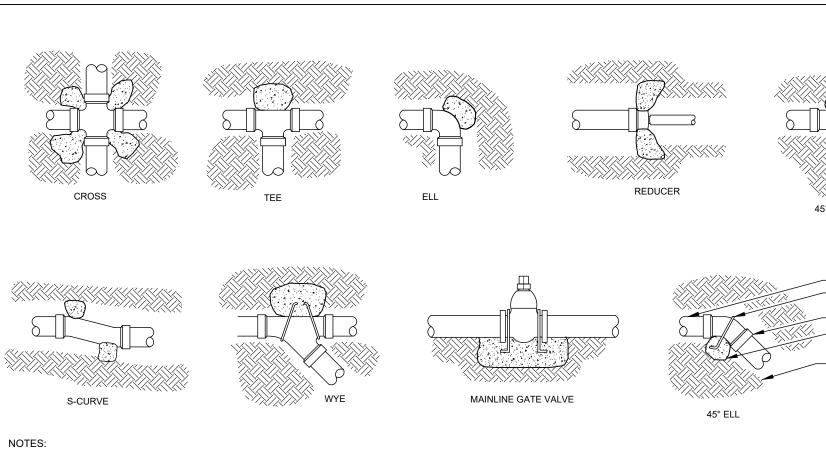
IDENTIFICATION STAME



22-12075

David Bigler Associates

Landscape Architect #3887 516 W Shaw Avenue, #101 Fresno, California 93704 E Mail: davebigler @aol.com Tel: (559) 276-9495 Fax: (559) 276-9497



1. SUPPLY LINES 3-INCHES IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

VALVE BOX WITH COVER: 12-INCH SIZE,

1"x4" BRASS

1" BRASS ELL

1" BRASS STREET

ELL (QTY 1) -

NIPPLE -

APPLIED ENGINEERING #1015-1G2G —

2. SEE PIPE MANUFACTURERS SPECIFICATIONS FOR AMOUNT OF CONCRETE TO BE USED FOR THRUST BLOCK.

3. INSTALL ALL PIPE IN STRICT ACCORDANCE W/ PIPE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS

- PIPE - TYP REBAR BENT AROUND FITTING - TYP FITTING - TYP CONCRETE THRUST BLOCK UNDISTURBED SOIL

1 FINISH GRADE. (2) PVC SCHEDULE 40 THREADED CAP. (3) 10" ROUND VALVE BOX WITH LID. 3/4" PVC SCH. 80 NIPPLE, LENGTH AS (5) PVC RED. TEE / ELL: 1" X 1" X 3/4" SXSXT. (6) PVC LATERAL PIPE. 7 BRICK (1 OF 3) (8) 3 INCH MIN. DEPTH OF 3/8" WASHED GRAVEL.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS FINISH GRADE NOTE: INSTALL AT HIGH ELEVATION POINTS & MAINLINE DEAD END RUNS. SEE PLAN SHEETS _ 1" CRISPIN #IC-10 AIR RELIEF VALVE 8" INCH MIN. DEPTH OF 3/8" WASHED -BRICK (1 OF 4) 1"x12" BRASS NIPPLE 1" BRASS STREET ELL (QTY 1)

NTS (19) PVC TO DRIP RISER STUB FOR FUTURE USE

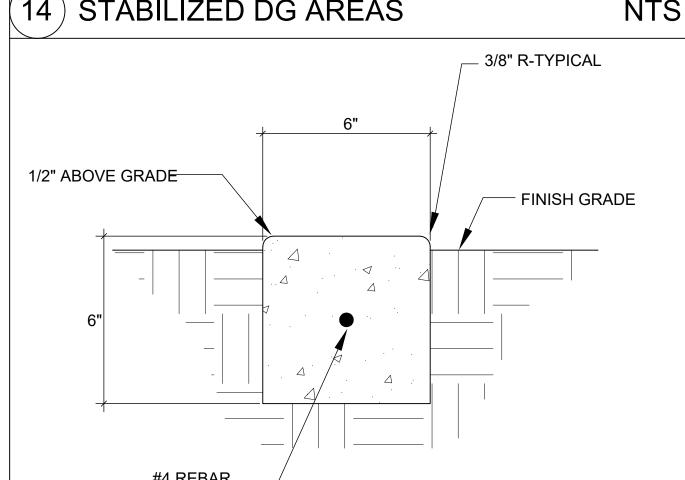
MIN. FLOW RATE - 2.0 GPM MAX. FLOW RATE - 20.0 GPM

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. 2. DO NOT SCALE DRAWING.

(1) FINISH GRADE.

- 2 CONTROL WIRES WITH 24" SERVICE COIL AND WATER PROOF WIRE CONNECTIONS, DBY OR EQUAL.
- (3) JUMBO RECTANGULAR PLASTIC VALVE BOX. HEAT BRAND STATION NUMBER ON LID IN 3" HIGH CHARACTERS.
- (4) PVC MAINLINE PER SPECIFICATIONS (LENGTH AS REQUIRED).
- (5) SCH 80 PVC ELL (SxS).
- (6) NATIVE SOIL PER SPECIFICATIONS.
- (7) CONTROL WIRES TO CONTROLLER.
- 8 PVC SCH 80 MAINLINE FITTING.
- 9 TORO 700-1 INLINE VALVE.
- (10) TORO 150 MESH Y-FILTER.
- (1) TORO 25 PSI LOW FLOW PRESSURE REGULATOR. 1" PVC SCH 80 TOE NIPPLE WITH PVC SCH 80 COUPLING.
- (13) SCH 80 PVC BALL VALVE.
- (14) SCH 80 PVC NIPPLE, LENGTH AS REQUIRED.
- (15) PEA GRAVEL SUMP, MINIMUM 3" DEEP.
- (16) BRICK SUPPORTS (4 COMMON BRICKS REQUIRED).
- (17) LATERAL LINE TO DRIP SYSTEM



NTS (17) AIR RELIEF VALVE DETAIL

NTS (20) 1" DRIP VALVE DETAIL

(A) TREE TIES TO BE APPROVED RUBBER OR PLASTIC (B) TREATED 2"x10" LODGE POLE STAKE TO BE SET (C) TOP OF ROOT BALL IS TO BE SET SLIGHTLY ABOVE

KEY NOTES

D CONSTRUCT WATER BASIN TO THE DIAMETER NOTED BELOW WITH 3" BERM AROUND PERIMETER. SOFTEN BERM IN TURF AREAS. REMOVE ALL TURF WITHIN

BERM AREA IN TURF AREAS 15 GALLON PLANT

24" BOX 5 GALLON PLANT (E) EXPANDABLE STRING TRIMMER TREE BOOT. USE ON TREES INSTALLED IN TURF AREAS ONLY

AGRIFORM PLANT FERTILIZER TABLETS

MULCH AS TOP DRESSING ALL NON TURF LANDSCAPE AREAS WITH SUPERIOR SOIL SUPPLEMENTS WALK ON BARK (FOREST PRODUCT) AS SUPPLIED BY GREEN'S BEST, INSTALL TO A COMPACTED DEPTH OF THREE INCHES (3"). DO NOT ENGULF THE STEMS OR TRUNKS OF SHRÙBS AND TREES.

PLANTING NOTES CONTRACTOR IS TO DRILL ONE 18" DIAMETER DRAINAGE HOLE PER TREE OR 15 GALLON SIZE PLANT, A MINIMUM OF TEN FEET (10'-0") DEEP OR UNTIL THE HARD PAN LAYER IS PIERCED. MIX EXCAVATED SOIL WITH GYPSUM

NTS

AND HUMUS AND BACKFILL HOLE. DRAINAGE HOLE IS TO BE OFF SET FROM THE PLANTING HOLF TO PREVENT SETTLEMENT OF THE TREE OR SHRUB. PLANTING HOLE TO BE TWICE THE DIAMETER OF CONTAINER WITH DEPTH EQUAL TO ROOT BALL, PLUS

FOUR INCHES, BACKFILL WITH 85% CLEAN NATIVE SOIL MIXED W/ 15% NITROLIZED FOREST HUMUS. ADD PLANT FERTILIZER TABS TO BACKFILL AS FOLLOWS:

1 GALLON SIZE 5 GALLON SIZE 15 GALLON SIZE 24" BOX SIZE

- 3. PLACE TREE OR SHRUB IN CENTER OF PLANTING
- TAMP BACKFILL TO FORCE OUT ALL AIR POCKETS. FOOT TAMP BACKFILL BELOW ROOT BALL TO PREVENT
- WATER TREE OR SHRUB IMMEDIATELY AFTER PLANTING DOUBLE STAKE, WITH ONE STAKE TO BE PLACED ON
- THE WINDWARD SIDE AND THE OTHER PLACED ON THE LEEWARD SIDE OF THE TYPICAL PREVAILING WIND. TOP OF STAKE IS TO BE SIX INCHES BELOW THE

(15) CONCRETE MOW STRIP

LANDSCAPE AND IRRIGATION DETAILS

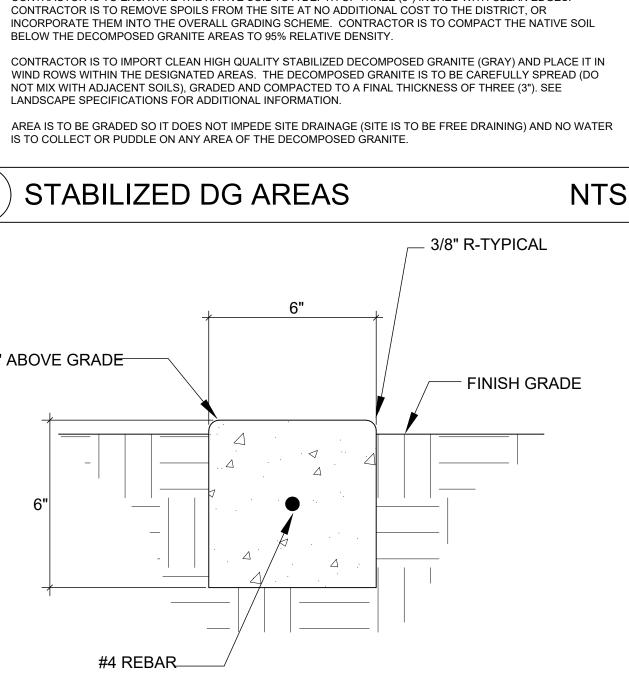
NTS (18) CONTROLLER 'F' GROUNDING DETAIL

NTS (21) TREE AND SHRUB PLANTING DETAIL

NTS

David Bigler Associates Landscape Architect #3887 516 W Shaw Avenue, #101 Fresno, California 93704 E Mail: davebigler @aol.com

Fax: (559) 276-9497



8'-0" MINIMUM

LEGEND 1. SATELLITE CONTROLLER ASSEMBLY

— 1" THRU 3": PVC SCH 80 TEE OR ELL 4" & LARGER:

ROMAC DUCTILE IRON SERVICE SADDLE #202NS.

2. SATELLITE CONTROLLER BACK BOARD OR CONTROLLER SUB ASSEMBLY

3. SOLID BARE COPPER GROUNDING WIRE (#6 AWG) FROM SATELLITE CONTROLLER TO GROUNDING ROD. MAKE WIRE RUNS AS STRAIGHT AS POSSIBLE.

4. 1" ELECTRICAL CONDUIT LONG SWEEP ELL

5. 5/8" X 8' LONG COPPER CLAD GROUNDING ROD.

PVC MAINLINE PIPE

6. CADWELD PLUS "ONE SHOT" - CADWELD CONNECTION # GT1161GPLUS, PERMANENT WELD OF BARE COPPER WIRES TO GROUNDING ROD.

7. 10" ROUND VALVE BOX WITH LID.

8. BRICKS, THREE (3) REQUIRED PER VALVE BOX.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

9. FINISH GRADE

INSTALL EXPANSION JOINTS 10'-0" O.C.

NTS

IDENTIFICATION STAME DIV. OF THE STATE ARCHITEC APP: 02-120552 INC:

REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹

1. EQUIPMENT IS SUPPORTED ON GRADE AND IS LESS THAN 400 LBS AND LESS THAN FOUR (4'-0") FEET ABOVE FINISH GRADE. NOT PART OF DSA APPROVAL

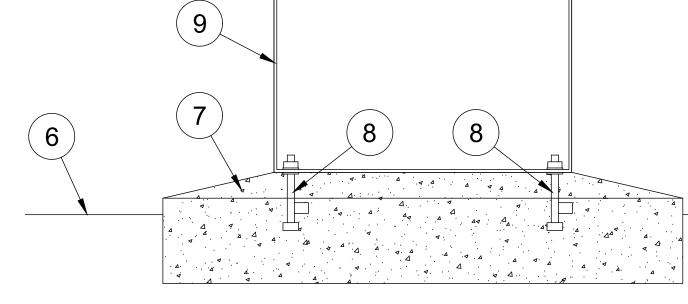
2. SEE DETAIL #24 CONTROLLER ANCHORAGE DETAIL FOR ADDITIONAL INFORMATION.

22) CONTROLLER 'F' DETAIL

18" METAL CONCRETE STAKE - INSTALL 3'-0" ON CENTER & NAIL TO HEADER BOARD. 1/2" ABOVE GRADE FINISH GRADE FOR FUTURE RAISED PLANTER BOX LOCATION USE - 2" X 6" REDWOOD CON COMMON HEADER BOARD.

TOP VIEW MOUNTING TEMPLATE

SIDE VIEW ANCHORAGE DETAIL



- CONTROLLER MOUNTING TEMPLATE WITH FOUR (4) 1/2" DIAMETER MOUNTING HOLES TO MATCH CONTROLLER TWO (2) 2" PVC ELECTRICAL CONDUITS WITH SWEEP ELLS
- FOR LOW VOLTAGE CONTROL WIRING. ONE (1) 1" PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR
- CONTROLLER GROUNDING WIRE. ONE (1) 1" PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR
- 4) CONTROLLER DATA CABLE TO ENABLE INTERNET ACCESS
- ONE (1) 1" PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR
- (6) FINISH GRADE.
- CONCRETE BASE THAT IS A MINIMUM OF 6" THICK AND 6" LARGER ON ALL SIDES OF THE CONTROLLER PEDESTAL FOOTPRINT. SLOPE SIDES OUTSIDE PEDESTAL FOOTPRINT
- 8 PEDESTAL ANCHOR BOLT MOUNTING KIT #PT-AB-KT. TWO (2) A. ANCHOR BOLT - 3/8"-16x2-3/4 STAINLESS STEEL B. WASHERS - TWO (2) PER ANCHOR BOLT
- C. ANCHOR BOLT NUT KEPS 3/8-16-SS,

(9) CONTROLLER PEDESTAL

REMOVE TEMPLATE FROM THE BOTTOM OF ENCLOSURE BY REMOVING THE FOUR STAINLESS STEEL ANCHOR BOLTS, WASHERS AND NUTS. REATTACH THE FOUR ANCHOR BOLTS TO THE BOTTOM SIDE OF TEMPLATE. THE TEMPLATE IS ONCE CONCRETE HAS HARDENED LOOSEN NUTS FORM ANCHORS AND REMOVE TEMPLATE. TEMPLATE MAY BE USED TO SET OTHER ANCHORS BUT ONCE THE ANCHORS ARE SET THE TEMPLATE MAY BE DISCARDED.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

24) CONTROLLER 'F' ANCHORAGE DETAIL

NTS

NTS (25) NOT USED (23) HEADER BOARD NTS LANDSCAPE & IRRIGATION NOTES

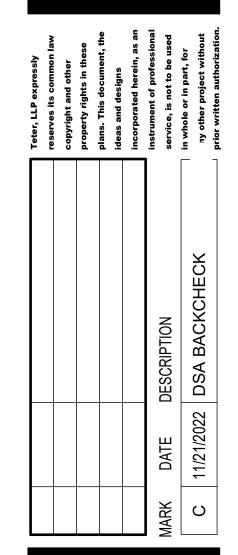
1. PRODUCT "OR APPROVED EQUAL" SPECIFICATION NOTE: ALL SPECIFIED MATERIALS, PRODUCTS AND MANUFACTURERS ARE RELEVANT TO DESCRIBE THE REQUIRED QUALITY AND FEATURES OF A PARTICULAR COMPONENT OF THE PROJECT. HOWEVER. THE SPECIFIC PRODUCT OR MANUFACTURER NOTED IS TO BE CONSTRUED TO BE FOLLOWED BY THE WORDS, "OR APPROVED EQUAL".

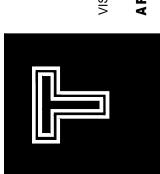
- 2. GENERAL NOTE: THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT, MATERIALS AND LABOR TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. ADDITIONAL EQUIPMENT AND MATERIALS IN ADDITION TO THE SYSTEM COMPONENTS LISTED IN THE LEGEND MAY BE REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
- 3. IRRIGATION CONTROLLER DATA AND 120 VOLT ELECTRICAL WIRING NOTE: THE CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL IMPROVEMENTS REQUIRED TO SUPPLY DATA AND 120 VOLT POWER TO THE IRRIGATION CONTROLLER LOCATION. THE CONTRACTOR IS TO FIELD VERIFY THE PREVAILING CONDITIONS AND PROVIDE ALL LABOR. MATERIALS AND EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION CONSTRUCTED TO CODE. SEE SITE ELECTRICAL PLAN.
- 4. SPRINKLER ADJUSTMENT NOTE: CONTRACTOR SHALL MAKE ANY ADJUSTMENTS OR CHANGES TO SPRINKLERS, NOZZLES, RADIUS AND ARCS AS REQUIRED TO PROVIDE 100% COVERAGE TO ALL LANDSCAPE AREAS AND PREVENT OVER SPRAY ONTO BUILDINGS OR HARDSCAPED SURFACES.
- 5. EXISTING IRRIGATION SYSTEM AND WATERING NOTE: THE CONTRACTOR IS RESPONSIBLE TO KEEP THE EXISTING IRRIGATION SYSTEM TO REMAIN OPERATIONAL TO IRRIGATE ALL LANDSCAPED AREAS. WHERE AUTOMATIC OPERATION OF EXISTING IRRIGATION SYSTEMS IS INTERRUPTED DUE TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE TO SUPPLY TEMPORARY IRRIGATION TO NEW AND/OR EXISTING AREAS THAT ARE AFFECTED BY THE SERVICE INTERRUPTION AS REQUIRED DUE TO PREVAILING WEATHER CONDITIONS. THE CONTRACTOR SHALL MAKE REPAIRS TO THE EXISTING SYSTEM AS NEEDED. THE CONTRACTOR IS TO ASSIST CAMPUS MAINTENANCE PERSONNEL AS NEEDED TO KEEP THE EXISTING LANDSCAPED AREAS IRRIGATED. AREAS AFFECTED BY NEW CONSTRUCTION ARE TO BE IRRIGATED BY THE CONTRACTOR. CONTRACTOR IS TO REPLACE ANY DEAD OR STRESSED PLANT MATERIALS (TO MATCH EXISTING) THAT WERE TO REMAIN THAT WERE DAMAGED DUE TO CONSTRUCTION ACTIVITIES.
- 6. EXISTING IRRIGATION SYSTEM TO BE REPLACED BY NEW IRRIGATION SYSTEM NOTE: THE CONTRACTOR IS TO REMOVE EXISTING SPRINKLERS, VALVES AND OTHER IRRIGATION IMPROVEMENTS VISIBLE AT THE SURFACE IN AREAS TO RECEIVE NEW IRRIGATION AND DELIVER SALVAGED PARTS, INCLUDING, BUT NOT LIMITED TO SPRINKLERS, VALVES, VALVE BOXES ETC., TO THE CAMPUS MAINTENANCE DEPARTMENT. PIPING IS TO BE REMOVED WHERE IT INTERFERES WITH CONSTRUCTION ACTIVITIES. OTHERWISE PIPING MAY BE ABANDONED BELOW GRADE. WHERE PIPING IS BROUGHT TO THE SURFACE, THE CONTRACTOR SHALL CUT IT OFF A MINIMUM OF 12" BELOW GRADE. DEPRESSIONS AND HOLES THAT ARE CREATED FROM REMOVING EXISTING IRRIGATION IMPROVEMENTS BEING REPLACED ARE TO BE FILLED WITH CLEAN TOPSOIL LEVEL WITH SURROUNDING GRADE AND COMPACTED. IRRIGATION SYSTEM AND BUILDING WATER ARE TO REMAIN INTACT AND OPERATIONAL.
- 7. CAMPUS IRRIGATION WATER AVAILABILITY NOTE: THE CONTRACTOR IS TO INSTALL ALL REROUTED MAINLINE PIPES WHILE LEAVING THE EXISTING IRRIGATION SYSTEM IN SERVICE DURING THE PROJECT. WHEN ALL PIPING AND WIRE REROUTING WORK IS COMPLETE THE CONTRACTOR MAY ARRANGE TO SHUT OFF THE WATER TO MAKE FINAL CONNECTIONS FOR A PERIOD OF TIME NOT TO EXCEED TWO DAYS. THE CAMPUS MAINTENANCE SUPERVISOR IS TO BE GIVEN A MINIMUM OF ONE WEEK WRITTEN NOTICE TO OVER-WATER THE CAMPUS AREAS IN QUESTION PRIOR TO SHUTTING OFF THE WATER TO MAKE FINAL CONNECTIONS. IF PREVAILING WEATHER CONDITIONS ARE OVER 95 DEGREES DAYTIME HIGH TEMPERATURES, THEN THE SHUT DOWN DURATION MAY BE LIMITED TO NO MORE THAN ONE DAY AS DECIDED BY CAMPUS MAINTENANCE SUPERVISOR
- 8. EXISTING TURF, PLANT & TREE TO REMAIN & PROTECT NOTE: THE CONTRACTOR IS RESPONSIBLE TO REPLACE ANY EXISTING TURF, PLANT MATERIALS OR TREES THAT ARE TO REMAIN AND PROTECT. EXISTING TURF, PLANT MATERIAL OR TREES THAT ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, VEHICLE DAMAGE, AND STRESS DUE TO LACK OF WATER OR OTHER DETERIORATION OF THE EXISTING AREAS TO REMAIN ARE TO BE RESTORED BY THE CONTRACTOR TO THE EXISTING CONDITION PRIOR TO THE PROJECT AT NO ADDITIONAL COST TO THE DISTRICT. THIS INCLUDES DAMAGE THAT MAY OCCUR AT ANY AREA OF THE CAMPUS.
- 9. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY VEGETATION WITHIN THE PROJECT AREA THAT IS NOT CALLED TO REMAIN AND PROTECT. ANY ADJACENT LANDSCAPE AREAS OUTSIDE THE PROJECT AREA THAT ARE TO REMAIN AND PROTECT THAT ARE DAMAGED ARE TO BE REPAIRED AND RESTORED AT NO ADDITIONAL COST TO THE DISTRICT. CONTRACTOR IS TO VISIT THE SITE PRIOR TO BID TO VERIFY EXISTING CONDITIONS AND IMPROVEMENTS.
- 10. ALL AREAS ADJACENT TO THE PROJECT AREA HAVE EXISTING IRRIGATION IMPROVEMENTS TO REMAIN & PROTECT. CONTRACTOR IS TO REPAIR ALL DAMAGE TO EXISTING IMPROVEMENTS THAT ARE INTENDED TO REMAIN & PROTECT TO MATCH EXISTING IMPROVEMENTS. DAMAGE MAY BE A DIRECT, INDIRECT RESULT OF THEIR WORK OR MAY BE CAUSED BY NEGLECT. CONTRACTOR TO FIELD VERIFY.
- 11. MANUAL IRRIGATION NOTE: THE CONTRACTOR IS RESPONSIBLE TO MANUALLY IRRIGATE ANY EXISTING IRRIGATION SYSTEM AREAS ON THE ELEMENTARY SCHOOL SITE WHERE THE EXISTING AUTOMATIC OPERATION OF THE EXISTING SYSTEMS TO REMAIN AND PROTECT ARE INTERUPTTED DUE TO CONSTRUCTION ACTIVITIES. DEPENDING UPON PREVAILING WEATHER CONDITIONS, DAILY WATERING MAY BE REQUIRED AS REQUESTED BY THE CAMPUS MAINTENANCE SUPERVISOR. THIS MAY INCLUDE AN AREA NEAR10 ACRES IN SIZE WITH DOZENS OF REMOTE CONTROL VALVES. THE CONTRACTOR IS TO CAREFULLY FIELD VERIFY AND COORDINATE WORK TO AVOID DAMAGING THE EXISTING PIPING OR WIRING THAT MAY REQUIRE MANUAL IRRIGATION OF THE SITE BY THE CONTRACTOR FOR EXTENDED PERIODS OF TIME.
- 12. EXISTING IRRIGATION REMOTE CONTROL VALVES TO BE MODIFIED OR REMOVED NOTE: PRIOR TO ANY DEMOLITION WORK, CONTRACTOR IS TO FIELD VERIFY THAT ANY IRRIGATION SYSTEMS CONNECTED TO REMOTE CONTROL VALVES NOTED TO BE MODIFIED OR REMOVED HAVE NEW IRRIGATION PLANNED FOR THOSE AREAS. IF ANY IRRIGATION SYSTEM, OR PART THERE OF, IS LOCATED IN AN EXISTING AREA TO REMAIN & PROTECT, THE CONTRACTOR IS TO LEAVE THAT VALVE, OR A PORTION OF IT, IN SERVICE AS REQUIRED. NOTIFY THE LANDSCAPE ARCHITECT FOR DIRECTION. CONTRACTOR TO FIELD VERIFY.
- 13. LIMITED AREAS OF EXISTING IRRIGATION IMPROVEMENTS ARE SHOWN ON THE PLAN FROM THE AS BUILT PLANS AND FIELD WORK COMPLETED DURING THE DESIGN PHASE. ALL EXISTING IMPROVEMENTS ARE SHOWN DIAGRAMMATICALLY, AND THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATIONS OF ALL IRRIGATION IMPROVEMENTS TO DETERMINE THE PREVAILING SITE CONDITIONS AND VERIFY SITE FEATURES PRIOR TO SUBMITTING A BID. THE CONTRACTOR IS TO INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS FOR A COMPLETE INSTALLATION ACCOUNTING FOR THE PREVAILING SITE CONDITIONS IN THEIR BID. WORK INCLUDES WIRE TRACING AND POT HOLING AS REQUIRED TO FIELD LOCATE EXISTING IMPROVEMENTS AS REQUIRED
- 14. THE CONTRACTOR IS RESPONSIBLE TO CAREFULLY EXAMINE THE SITE AND PLANS TO FIELD VERIFY ALL EXISTING CONCRETE, PATIOS, SIDEWALKS, PAVING AND OTHER HARDSCAPING TO REMAIN AND PROTECT TO DETERMINE THE SCOPE OF WORK REGARDING THE REQUIRED HORIZONTAL DIRECTIONAL BORING THAT WILL BE NECESSARY TO COMPLETE THE PROJECT. ALL EXISTING CONCRETE, PATIOS, SIDEWALKS, PAVING AND OTHER HARDSCAPED SURFACES MAY NOT BE SHOWN ON THE PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL LOCATIONS THAT MAY REQUIRE BORING, OR CUTTING AND PATCHING OF EXISTING HARDSCAPED SURFACES PRIOR TO BIDDING. GENERALLY, ALL HARDSCAPED SURFACE CROSSINGS ARE TO BE BY HORIZONTAL DIRECTIONAL BORING. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE PROJECT MANAGER TO SAW CUT AND PATCH ANY EXISTING HARDSCAPED SURFACES.



David Bigler Associates Landscape Architect #3887 516 W Shaw Avenue. #101 Fresno, California 93704 Mail: davebigler@aol.com Fax: (559) 276-9497

IDENTIFICATION STAME DIV. OF THE STATE ARCHITEC APP: 02-120552 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 12/28/2022





ئ 🗅 🛈 بر

SITE PLAN

1" = 50'-0" 8

KEYNOTES @

01.42.00 ASSUMED PROPERTY LINE FOR BUILDING SEPARATION

02.00.01 EXISTING REMOVABLE STEEL BOLLARDS, APPROVED DSA A#02-106663, TYP.

02.00.02 EXISTING SITE LIGHT POLES, TYP.

02.00.03 EXISTING ACCESSIBLE PARKING, TYP. 02.00.04 EXISTING DROP OFF AREA, TYP.

02.41.19 EXISTING FIRE HYDRANT TO BE REMOVED, SEE CIVIL

10.14.00 ACCESSIBLE PARKING TOW-AWAY SIGN, SEE 17/A110 10.61.01 KNOX BOX, EMERGENCY SERVICES KEY STORAGE, COORDINATE SIZE, LOCATION AND MOUNTING WITH LOCAL FIRE AUTHORITY

(MERCED COUNTY FIRE DEPT.) 21.11.16 NEW FIRE HYDRANT LOCATION, SEE CIVIL

32.12.16 A/C PAVED PARKING LOT, SEE CIVIL, TYP. 32.31.13 CHAIN LINK FENCE, 6FT. HIGH, SEE 5/A111 TYP.

LEGEND



CONC. PAVING, SEE 16/A110 & SEE CIVIL.

ASPHALT PAVING, SEE CIVIL.

LANDSCAPE AREA, SEE LANDSCAPE.

PATHWAY LIGHT BOLLARD, SEE ELECTRICAL. EXISTING FIRE HYDRANT, SEE CIVIL.

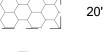
PROPERTY LINE

ACCESSIBLE PATH OF TRAVEL, 2% MAX CROSS SLOPE, 5% MAX SLOPE IN DIRECTION OF TRAVEL

(E) BUILDING NOT IN SCOPE NEW BUILDING IN SCOPE



NEW FABRIC SHADE STRUCTURE IN SCOPE



20' WIDE FIRE LANE



EXISTING TREE, TO BE REMOVED

EXISTING TREE, NO WORK



NEW TREE, SEE LANDSCAPE



GATE TAG, SEE GATE SCHED. 1/A111

ACCESSIBLE DOOR CLEARANCE, SEE 7/A110

GENERAL NOTES

- A. THE CONTRACTOR SHALL ACCEPT THE SITE IN ITS PRESENT CONDITION & DEMOLISH AND/OR REMOVE FROM THE AREA OF THE PROJECT ALL STRUCTURES, BOTH SURFACE & SUBSURFACE, TREES, BRUSH, ROOTS, DEBRIS, ORGANIC MATTER, & ALL OTHER MATTER DETERMINED BY THE INSPECTOR TO BE DELETERIOUS. SUCH MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- B. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED & SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE & SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- C. FINISH GRADE SHALL HAVE A 1.5% SLOPE AWAY FROM THE BLDG. FOR A DISTANCE NOT LESS THAN 5'-0" FROM THE BLDG.
- D. EXISTING UNDERGROUND UTILITIES & IMPROVEMENTS ARE SHOWN IN THEIR APPROX. LOCATIONS BASED UPON RECORD INFO. AVAILABLE TO THE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD & NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFO. SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A), 1-800-642-2444.
- E. ALL SITE CONC. CURBS, GUTTERS, DRIVE APPROACHES, & WALKS SHALL BE CLASS "B" CONC. (5 SACK MIX) WITH A MAX. SLUMP OF 5" & A 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- F. PROPERTY DIMENSIONS AS SHOWN ARE BASED ON RECORD INFO. & SHOULD BE FIELD VERIFIED BY A PROPERTY SURVEY PRIOR TO CONSTRUCTION.
- G. EXTERIOR CONC. LANDINGS AT DOORS SHALL NOT BE MORE THAN 1/2 INCH
- LOWER THAN DOORWAY THRESHOLD WITH 1/4 INCH PER FOOT SLOPE MAX.
- H. SEE CIVIL FOR A.C. & CONC. PAVING SECTIONS, AND CURB DETAILS.
- REFER TO CIVIL, LANDSCAPE & ELECTRICAL FOR UTILITY INFORMATION. CONTRACTOR TO COORDINATE ALL TRADES TO MAINTAIN PROPER CLEARANCES & AVOID CONFLICTS.

BID DOCUMENTS ONLY DSA APPROVED DOCUMENTS REQUIRED PRIOR TO CONSTRUCTION

in whole or in part, for any other project without	CD 11/28/2022 DSA BACKCHECK	11/28/2022	CO
instrument of professional service, is not to be used	DESCRIPTION	DATE	MARK
incorporated herein, as an			
ideas and designs			
plans. This document, the			
property rights in these			
copyright and other			
reserves its common law			
Teter, LLP expressly			



BID DOCUMENTS ONLY DSA APPROVED DOCUMENTS **REQUIRED PRIOR TO**

CONSTRUCTION

ENLARGED SITE PLAN

KEYNOTES

01.42.00 ASSUMED PROPERTY LINE FOR BUILDING SEPARATION

05.61.01 GUARD RAIL AT DRINKING FOUNTAIN, BY SITE CONTRACTOR, SEE 4/A112, TYP.

05.61.02 GUARDRAIL AT MECH. UNIT BY SITE CONTRACTOR, SEE 5/A112, TYP.

08.71.00 DOOR THRESHOLD, TYP.

08.95.16 1' X 4' VENT WITH GRATING/ 11B-302.3, SEE SHEET F3.1, TYP.

08.95.17 2' X 3' ACCESS GRATE/VENT SEE SHEET F3.1 10.13.01 PANEL/TACTILE SIGNAGE BY SITE CONTRACTOR, SEE 11/A112

10.44.00 CURB TO BE PAINTED RED DESIGNATING NO PARKING AT FIRE LANE

21.11.16 NEW FIRE HYDRANT LOCATION, SEE CIVIL 32.13.12 CONCRETE WALK AT MODULAR BUILDING VENT, SEE 3/A112, TYP.

32.13.13 CONCRETE WALK AT MODULAR BUILDINGS, SEE 2/A112, TYP. 32.13.14 CONCRETE MOWSTRIP AT BUILDING, SEE 1/A112, TYP.

32.13.16 STORM DRAIN CATCH BASIN, SEE CIVIL 32.13.18 CONCRETE CURB & GUTTER, SEE CIVIL

32.31.13 CHAIN LINK FENCE, 6FT. HIGH, SEE 5/A111 TYP.

32.31.14 CHAIN LINK SERVICE GATE PER SCHEDULE, SEE 3/A111

32.31.15 CHAIN LINK PAIR OF SWING SERVICE GATES PER SCHEDULE, SEE

32.31.16 CHAIN LINK PEDESTRIAN GATE PER SCHEDULE, ACCESSIBLE, SEE

32.31.17 CHAIN LINK ROLLING GATE PER SCHEDULE, SEE 13/A111

32.31.18 CHAIN LINK AT BUILDING FACE, SEE 7/A111 32.91.00 SAND BOX, SEE 1/A113

32.92.01 RAISED PLANTER BOXES, SEE LANDSCAPE

33.10.00 NEW DOMESTIC WATER P.O.C., SEE CIVIL

33.20.00 NEW STORM DRAIN P.O.C., SEE CIVIL 33.30.00 NEW SEWER P.O.C., SEE CIVIL

33.50.00 NEW DATA P.O.C., SEE ELECTRICAL 33.70.00 NEW ELECTRICAL P.O.C., SEE ELECTRICAL

LEGEND



CONC. PAVING, SEE 16/A110 & SEE CIVIL.

ASPHALT PAVING, SEE CIVIL.

LANDSCAPE AREA, SEE LANDSCAPE.

PATHWAY LIGHT BOLLARD, SEE ELECTRICAL.

EXISTING FIRE HYDRANT, SEE CIVIL. F.H. <((̂

PROPERTY LINE

ACCESSIBLE PATH OF TRAVEL, 2% MAX CROSS SLOPE, 5% MAX SLOPE IN DIRECTION OF TRAVEL

(E) BUILDING NOT IN SCOPE

NEW BUILDING IN SCOPE

NEW FABRIC SHADE

STRUCTURE IN SCOPE

EXISTING TREE, NO WORK

EXISTING TREE, TO BE REMOVED



NEW TREE, SEE LANDSCAPE

GATE TAG, SEE GATE SCHED. 1/A111

ACCESSIBLE DOOR CLEARANCE, SEE 7/A110

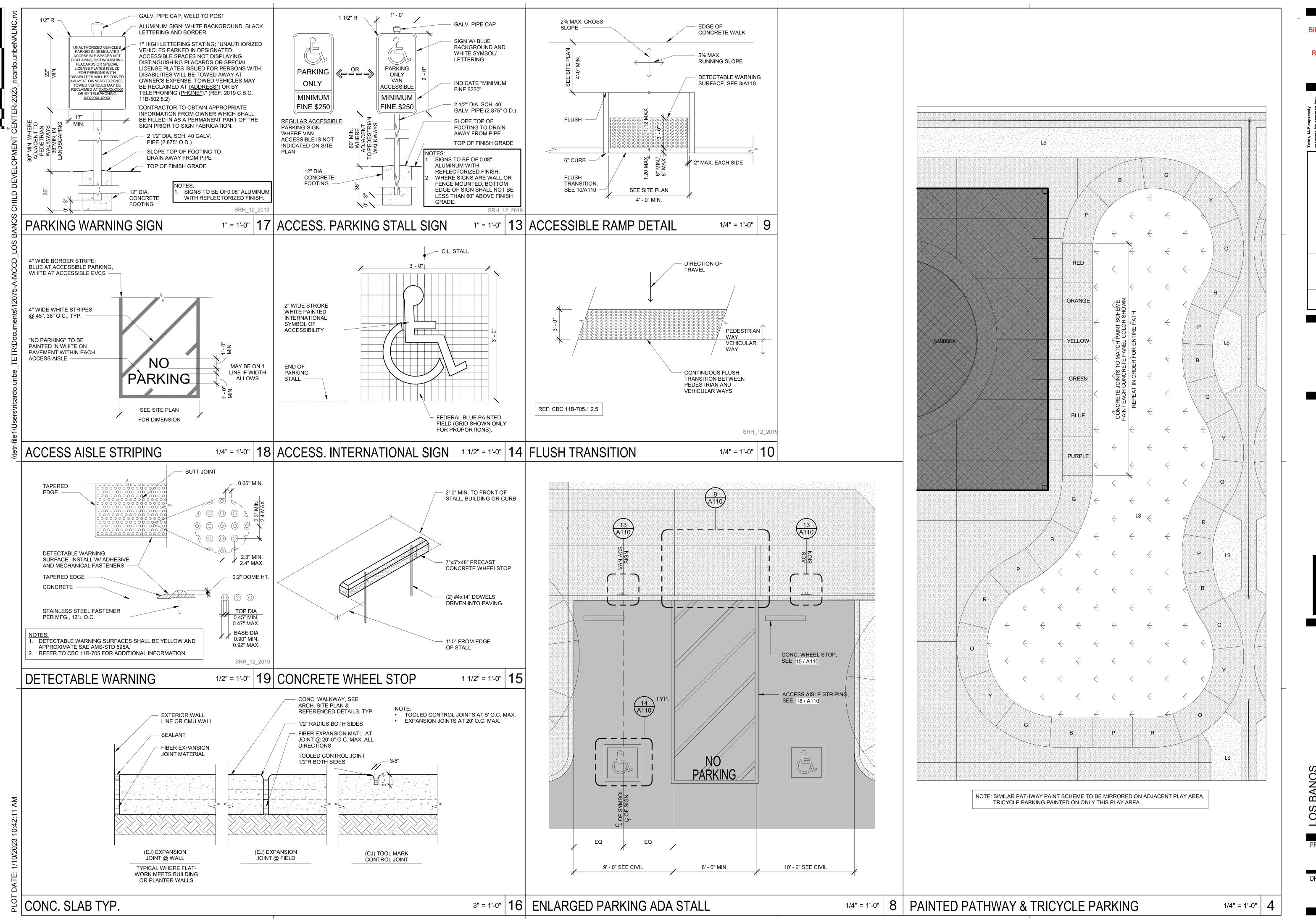
GENERAL NOTES

- A. THE CONTRACTOR SHALL ACCEPT THE SITE IN ITS PRESENT CONDITION & DEMOLISH AND/OR REMOVE FROM THE AREA OF THE PROJECT ALL STRUCTURES, BOTH SURFACE & SUBSURFACE, TREES, BRUSH, ROOTS, DEBRIS, ORGANIC MATTER, & ALL OTHER MATTER DETERMINED BY THE INSPECTOR TO BE DELETERIOUS. SUCH MATERIAL SHALL BE REMOVED FROM THE SITE BY THE
- B. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED & SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE & SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- C. FINISH GRADE SHALL HAVE A 1.5% SLOPE AWAY FROM THE BLDG. FOR A DISTANCE NOT LESS THAN 5'-0" FROM THE BLDG.
- D. EXISTING UNDERGROUND UTILITIES & IMPROVEMENTS ARE SHOWN IN THEIR APPROX. LOCATIONS BASED UPON RECORD INFO. AVAILABLE TO THE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD & NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFO. SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A), 1-800-642-2444.
- E. ALL SITE CONC. CURBS, GUTTERS, DRIVE APPROACHES, & WALKS SHALL BE CLASS "B" CONC. (5 SACK MIX) WITH A MAX. SLUMP OF 5" & A 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- F. PROPERTY DIMENSIONS AS SHOWN ARE BASED ON RECORD INFO. & SHOULD BE FIELD VERIFIED BY A PROPERTY SURVEY PRIOR TO CONSTRUCTION.
- EXTERIOR CONC. LANDINGS AT DOORS SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN DOORWAY THRESHOLD WITH 1/4 INCH PER FOOT SLOPE MAX.
- H. SEE CIVIL FOR A.C. & CONC. PAVING SECTIONS, AND CURB DETAILS.
- REFER TO CIVIL, LANDSCAPE & ELECTRICAL FOR UTILITY INFORMATION. CONTRACTOR TO COORDINATE ALL TRADES TO MAINTAIN PROPER CLEARANCES & AVOID CONFLICTS.

BID DOCUMENTS ONLY DSA APPROVED DOCUMENTS **REQUIRED PRIOR TO** CONSTRUCTION

22-12075

1" = 10'-0" 8



BID DOCUMENTS ONLY
DSA APPROVED
DOCUMENTS
REQUIRED PRIOR TO
CONSTRUCTION

Teter, LLP expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

No. C238017 No. C238017 OF CALE

FETER,

FRESNO HEADQUARTERS

1 BAKERSFIELD | MODESTO | SAN LUIS OBISPO

VISAL

D COLLEGE | MCCD

LOS BANOS
CHILD DEVELOP
MERCED COLLE

DJECT NO.

22-12075

A110