Call before you dig.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

SPECIAL NOTE:

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

CONTRACTOR SHALL NOTIFY "USA" (UNDERGROUND SERVICE ALERT) AT 811, TWO WORKING DAYS BEFORE COMMENCING EXCAVATION AND ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK, OF CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES, AND CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WITHIN THE WORK AREA.

EGEND:			
	EXISTING SECTION LINE	AP	ANGLE POINT
	EXISTING CENTER LINE	BLDG	BUILDING
_ · _ · _	EXISTING PROPERTY LINE	С	CONCRETE
	EXISTING RIGHT-OF-WAY LINE	CATV	CABLE TELEVISION
=====	EXISTING CURB & GUTTER	CL	CENTER LINE
	PROPOSED CURB & GUTTER	ELB	ELECTRIC BOX
	EXISTING EDGE OF PAVEMENT	EP	EDGE OF PAVEMENT
— — — (W)— — —	EXISTING WATER LINE	FD	FINISH DIRT
w	PROPOSED WATER LINE	FF	FINISH FLOOR
— -(SD)	EXISTING STORM DRAIN LINE	FH	FIRE HYDRANT
SD	PROPOSED STORM DRAIN LINE	FL	FLOWLINE
	EXISTING SEWER LINE	FNC	FENCE
ss	PROPOSED SEWER LINE	GB	GRADE BREAK
	SAWCUT LINE	GW	GUY WIRE
\otimes	EXISTING WATER VALVE	LIP	LIP OF GUTTER
•	PROPOSED WATER VALVE	OG	ORIGINAL GROUND
~	EXISTING FIRE HYDRANT	P	PAVEMENT
*	PROPOSED FIRE HYDRANT	PL	PROPERTY LINE
■	EXISTING WATER METER	PP	POWER POLE
	EXISTING SANITARY SEWER MANHOLE	R/W	RIGHT-OF-WAY LINE
	PROPOSED SANITARY SEWER MANHOLE	S	SLOPE
(a)	EXISTING STORM DRAIN MANHOLE	SDMH	STORM DRAIN MANHOLE
***	EXISTING STORM DRAIN MANNOLE	SL	SECTION LINE
0	EXISTING STORM DRAIN INLET	SSMH	SANITARY SEWER MANHOLE
		SW	SIDEWALK
	EXISTING STREET LIGHT	TC	TOP OF CURB
	PROPOSED STREET LIGHT	TELB	TELEPHONE BOX
O)	EVICTING LITHITY DOLE	TELR	TELEPHONE RISER
	EXISTING UTILITY POLE	TOE	TOE OF SLOPE
TRP	EXISTING TRANSFORMER POLE	TOP	TOP OF SLOPE
	EXISTING POWER POLE	TP	TELEPHONE POLE
C AP	EXISTING ANCHOR POLE	WM	WATER METER
\bigcirc	EXISTING TREE	WV	WATER VALVE
SHEETE SAAAA SAAAA	EXISTING HANDICAP RAMP	(218.00)	EXISTING GRADE
	EXISTING DRIVE APPROACH	220.00	PROPOSED GRADE
Y 11 7	The state of the s	7 m v - 10 villiania (100 v - 100 villiania (100 villiania	PROPOSED FIRE CURB

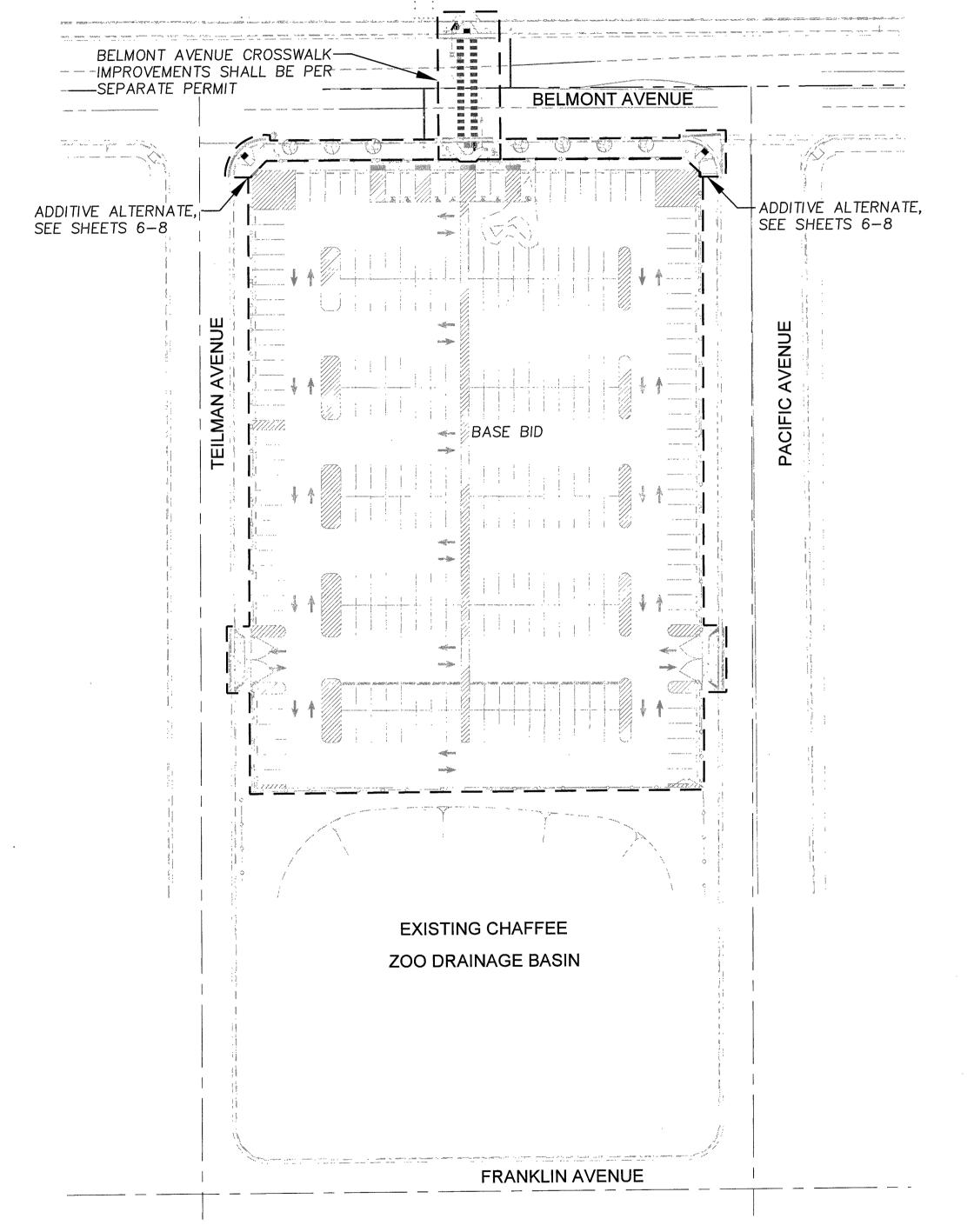
EXISTING CONCRETE

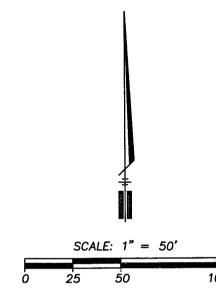
PROPOSED CONCRETE

PROJEC

CITY OF FRESNO

PLANS FOR FRESNO CHAFFEE ZOO TEMPORARY PARKING LOT





DEVELOPMENT DEPARTMENT MECHANICAL ___

PLANNING/ZON

GRADING NOTES:

- 1. CONTRACTOR SHALL OBTAIN A GRADING PERMIT AND PAY THE PLAN CHECK FEE FROM THE CITY OF FRESNO BUILDING DIVISION PRIOR TO ANY GRADING.
- 2. ALL CONSTRUCTION SHALL BE PERFORMED IN CONFORMANCE WITH THE CITY OF FRESNO STANDARD SPECIFICATIONS AND THE APPLICABLE PORTIONS OF THE CALIFORNIA BUILDING CODE 2016 (CBC 2016)
- 3. THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR DUST CONTROL FOR THE DURATION OF THE WORK. DUST CONTROL MEASURES SHALL BE FULLY AND ADEQUATELY CARRIED OUT ON WEEKDAYS, WEEKENDS AND HOLIDAYS, AND WHEN NECESSARY, BEFORE OR AFTER NORMAL WORKING HOURS.
- 4. ALL SIDEWALKS SHALL MAINTAIN A MAXIMUM SLOPE OF 5% IN THE DIRECTION OF TRAVEL AND A MAXIMUM CROSS SLOPE OF 2% TO ADHERE TO ADA REQUIREMENTS.
- 5. THE GROUND IMMEDIATELY ADJACENT TO ALL FOUNDATIONS SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN 2% FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE FROM THE FOUNDATION, THEN A SWALE THAT RUNS PARALLEL TO THE FOUNDATION MAY BE USED AND WILL BE REQUIRED TO BE A MINIMUM SLOPE 2% WITHIN 10 FEET OF THE BUILDING FOUNDATION. ALL OTHER SITE GRADING OUTSIDE OF THE BUILDING ENVELOPE IS REQUIRED TO BE A MINIMUM OF 0.5%. IN ADDITION, THE CITY OF FRESNO PERMITS CONCRETE CHANNELS WITH 0.2% MIN. SLOPE WITHIN 10' OF THE BUILDING ENVELOPE AS AN ALTERNATIVE TO THE 2% MIN. SLOPE REQUIREMENT WHEN LOT LINES OR PHYSICAL
- 6. THE SITE SHALL HAVE AN OVERALL MINIMUM SLOPE OF 0.5% TO AN APPROVED
- 7. NO PERMANENT ON-SITE WATER RETENTION IS ALLOWED.
- 8. NO SURFACE DRAINAGE SHALL BE PERMITTED ONTO ADJACENT PROPERTIES.
- 9. ANY SURVEY MONUMENTS WITHIN THE AREA OF WORK SHALL BE PRESERVED OR RESET BY A PERSON LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA.
- 10. GRADING NEXT TO ADJACENT PROPERTIES, WHERE DIFFERENCES EXCEED ONE (1) FOOT IN ELEVATION. SHALL CONFORM TO CITY STANDARD OR A RECORDED SLOPE EASEMENT FROM ADJOINING PROPERTY OWNERS AFFECTED SHALL BE PROVIDED. DIFFERENCES IN ELEVATION LESS THAN ONE (1) FOOT SHALL REQUIRE, AT A MINIMUM, A RETAINING BOARD (1"x12") MADE OF REDWOOD OR APPROVED EQUAL, TO BE USED TO RETAIN ALL SOIL ON THE PROPERTY BEING DEVELOPED OR ADJACENT TO THE DEVELOPMENT DEPENDING ON WHICH PROPERTY HAS HIGHER GRADES.
- 11. ANY RETAINING WALL AND/OR FENCE CONSTRUCTED WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE OF A MASONRY DESIGN AND CONSTRUCTION. A BUILDING PERMIT WILL BE REQUIRED FOR ANY RETAINING WALL/FENCE, BLOCK WALL OR WOOD FENCE TO BE CONSTRUCTED.
- 12. THE GRADING CONTRACTOR SHALL REMOVE ALL ORGANIC MATTER, DEBRIS, AND OTHER DELETERIOUS MATERIAL FROM THE SITE.
- 13. ESTIMATED EARTHWORK QUANTITIES: EXCAVATION _____1,000 ____ C.Y.

FOR PERMIT PURPOSES ONLY

- 14. ALL FILL TO BE COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION, INCLUDING UNDER SIDEWALKS. PAVEMENT AREAS, CURBS AND VALLEY GUTTERS SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION, PER ASTM—D1557—91.
- 15. PROVIDE COMPACTION REPORTS PREPARED BY AN APPROVED TESTING AGENCY FOR ALL LOOSE FILLS, PAVEMENT SECTIONS, TRENCH BACKFILL, AND RETAINING WALL BACKFILLS.
- 16. THE OWNER ACKNOWLEDGES THE CITY'S APPROVAL OF THIS GRADING PLAN DOES NOT EXPRESS OR IMPLY THE SITE IS FREE OF CONTAMINANTS OR HAZARDOUS MATERIALS OR THAT THE CITY IS RESPONSIBLE OR LIABLE, IN ANY WAY, FOR THE CLEANUP OF
- 17. THE CITY SHALL BE PROVIDED WITH AN "AS-GRADED" PLAN, CERTIFIED BY A REGISTERED ENGINEER PRIOR TO ISSUANCE OF AN OCCUPANCY PERMIT. A "HOLD ON OCCUPANCY" WILL BE IN EFFECT UNTIL SUCH TIME AS THIS DEVELOPMENT IS CERTIFIED "AS GRADED" BY THE ENGINEER OF RECORD.
- 18. THIS GRADING PLAN IS FOR APPROVAL OF ON-SITE ELEVATIONS ONLY. THE ELEVATIONS SHOWN WITHIN THE PUBLIC RIGHT-OF-WAY REQUIRE SEPARATE PUBLIC WORKS DEPARTMENT APPROVAL & PERMIT. ANY NOTES THAT APPLY TO THE PUBLIC RIGHT-OF-WAY ARE FOR REFERENCE ONLY. IF ON-SITE ELEVATIONS SHOWN DO NOT COINCIDE WITH APPROVED STREET PLANS, AN APPROVED AMENDMENT IS REQUIRED.
- 19. REPAIR ALL DAMAGED AND/OR OFF-GRADE CONCRETE STREET IMPROVEMENTS AS DETERMINED BY THE CONSTRUCTION MANAGEMENT ENGINEER PRIOR TO OCCUPANCY.
- 20. GRADING AND FILLING WILL NOT ALTER OR DIVERT EXISTING DRAINAGE PATTERNS ON ADJACENT PROPERTY AND WILL NOT CAUSE DRAINAGE TO OCCUR TOWARD ANY EXISTING BUILDING (S). ALL SITE GRADING SHALL COMPLY WITH THE 2013 CALIFORNIA
- 21. ALL EXISTING OVERHEAD AND/OR ANY NEW UTILITY FACILITIES LOCATED ONSITE OR WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE UNDERGROUND UNLESS OTHERWISE APPROVED BY THE CIVIL ENGINEER IN WRITING.
- 22. ANY PERSON, CONTRACTOR OR SUBCONTRACTOR PLANNING TO CONDUCT ANY EXCAVATION SHALL CONTACT USA NORTH AT 811 AT LEAST TWO (2) WORKING DAYS, BUT NO MORE THAN 14 CALENDAR DAYS, PRIOR TO COMMENCING THAT EXCAVATION.
- 23. ALL EXITING VALVES (CAP AND LID), MANHOLES, UTILITY VAULTS, ETC., AFFECTED BY THIS WORK SHALL BE ADJUSTED TO FLUSH WITH FINISH GRADE AS NECESSARY.
- 24. TWO (2) WORKING DAYS BEFORE COMMENCING EXCAVATION OPERATIONS WITHIN THE STREET RIGHT-OF-WAY AND/OR UTILITY EASEMENTS, ALL EXISTING UNDERGROUND FACILITIES SHALL HAVE BEEN LOCATED BY UNDERGROUND SERVICES ALERT (USA). CALL 1-800-642-2444.

AS-GRADE PLANS, FINAL SOILS REPORT (IF APPLICABLE) AND COMPACTION REPORTS ARE REQUIRED TO BE SUBMITTED AND APPROVED PRIOR TO RECEIVING A "FINAL". A "SAFE-TO-OCCUPY" CAN BE GRANTED BUT WILL REQUIRE A \$15,000.00 CASH DEPOSIT. THE DEPOSIT WILL BE FULLY REFUNDED ONCE THE "AS-GRADE" HAS BEEN APPROVED AND ALL OTHER HOLDS HAVE BEEN CLEARED FOR THE ENTIRE PROJECT. DEPOSITS ARE TYPICALLY REFUNDED FROM THE FINANCE DEPARTMENT IN THE FORM OF A CHECK APPROXIMATELY 1 WEEK AFTER THE REFUND IS REQUESTED. THERE WILL BE A ONE-TIME \$60.00 HANDLING FEE FOR THE "SAFE-TO-OCCUPY" TRANSACTION SHOULD IT BE REQUESTED.

> This original document to be returned to the City of Fresno for all back checks and to obtain grating permit.

SHEET INDEX:

- 1 COVER SHEET
- 2 DEMOLITION PLAN
- 3 GRADING PLAN
- 4 DETAILS 5 - EROSION CONTROL PLAN
- 6 BELMONT FRONTAGE PLAN (ADDITIVE ALTERNATE)
- 7 BELMONT FRONTAGE IRRIGATION PLAN (ADDITIVE ALTERNATE)
- 8 BELMONT FRONTAGE IRRIGATION DETAILS

BENCHMARK :

ELEVATION = 288.362 FEET

FRESNO CITY BM 2818 CHISELED SQUARE ON CURB, EAST RETURN, SOUTHWEST CORNER TEILMAN AND BELMONT

YAMABE & HORN ENG. 2985 NORTH BURL AVE. SUITE 101 FRESNO, CA 93727 PH. (559) 244-3123 FAX. (559) 224-3120

> PREPARED FOR: FRESNO CHAFFEE ZOO 894 WEST BELMONT AVENUE FRESNO, CALIFORNIA 93728

PH. (559) 498-5957

PREPARED BY:

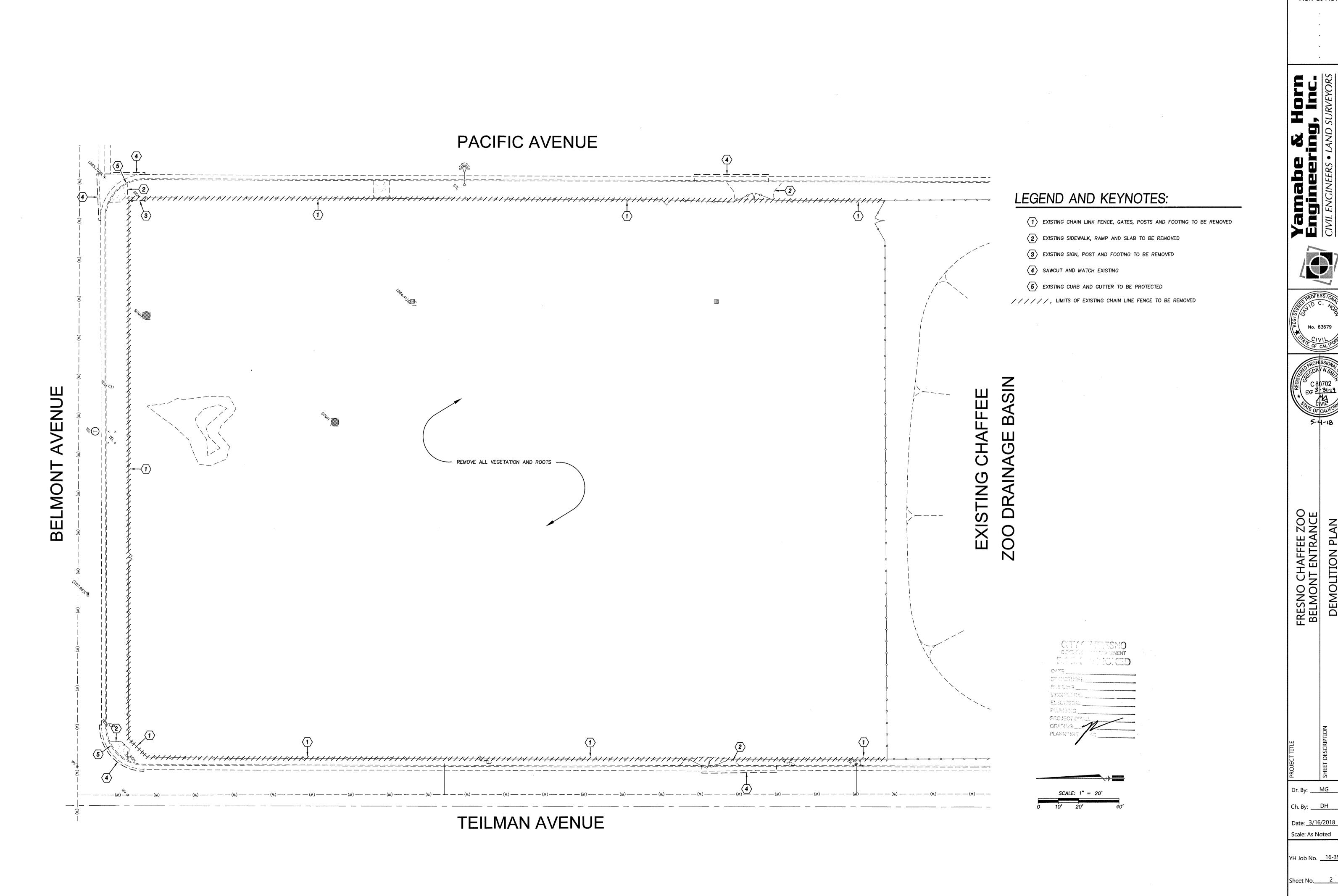
SHEE COVER

Ref. & Rev.

Dr. By: MG

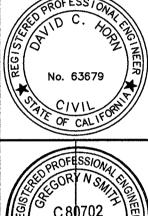
Ch. By: DH Date: 3/16/2018 Scale: As Noted

/H Job No. <u>16-396</u>



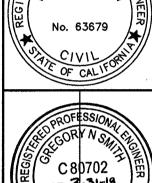
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Ref. & Rev.



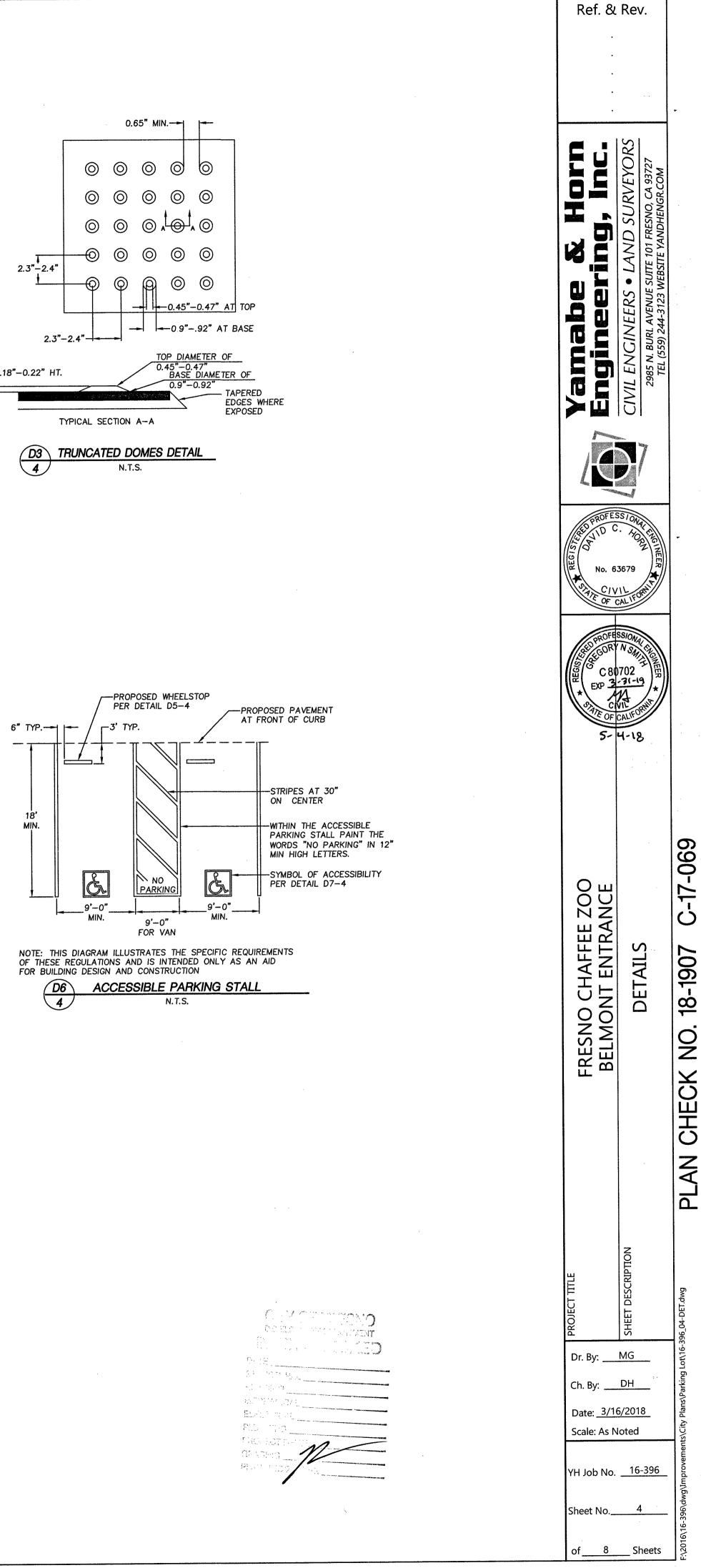


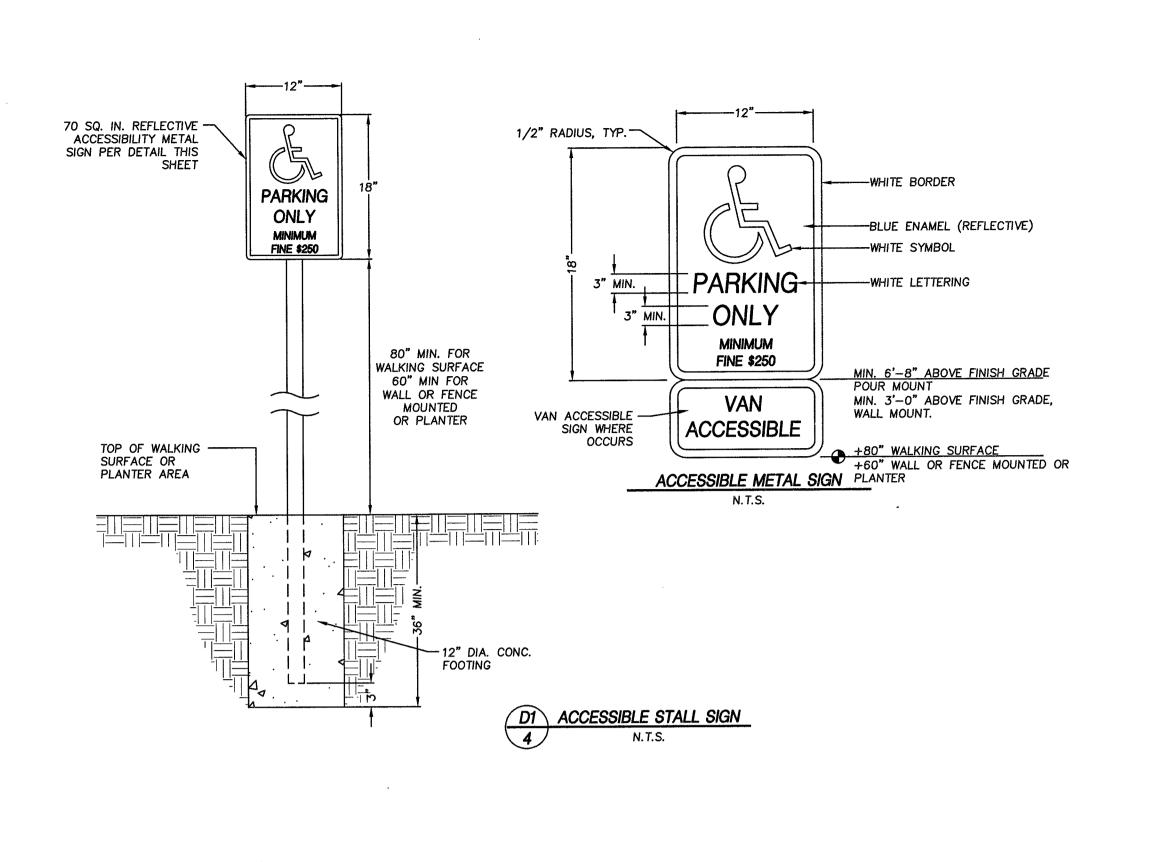
GRADING PLAN

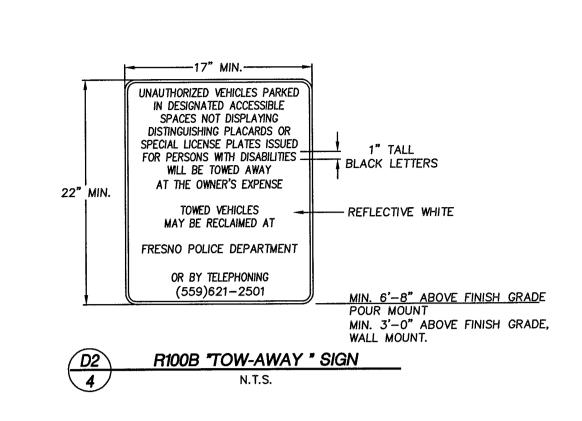
Dr. By: MG Ch. By: DH Date: 3/16/2018

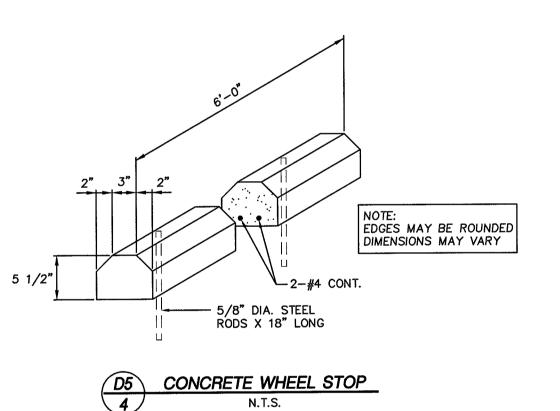
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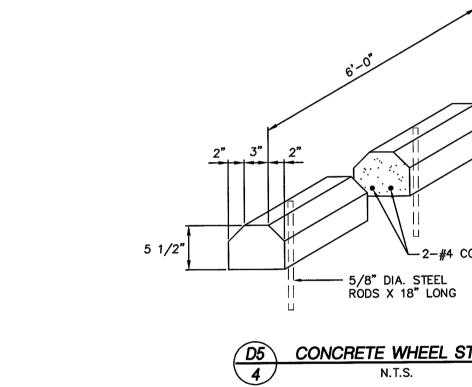
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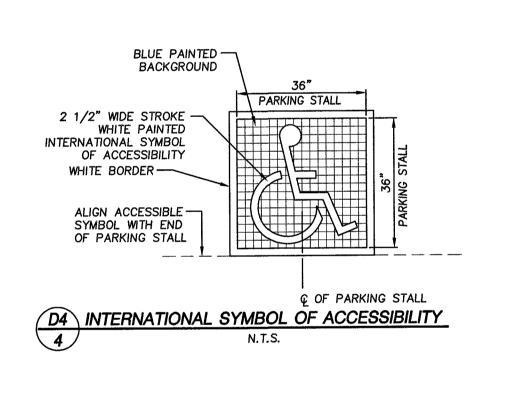


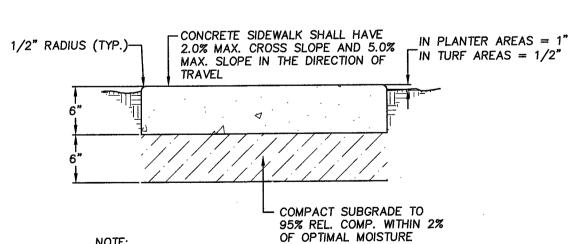






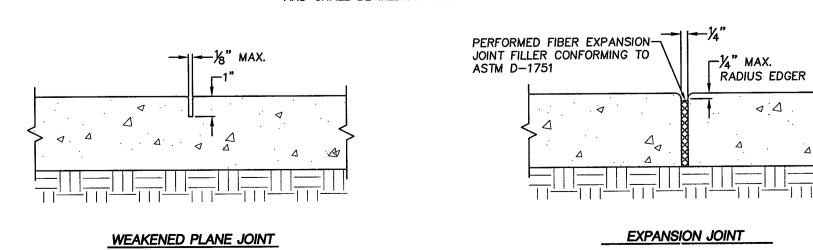






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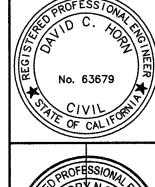
NOTE: FIVE—SACK MIX CONCRETE (MIN. 3,000 PSI, 30 DAYS.
 FINISH SHALL BE FREE FROM BLEMISHES AND SHALL BE MEDIUM SWEAT FINISH.

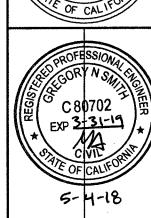


CONCRETE SLAB

YH Job No. <u>16-396</u>

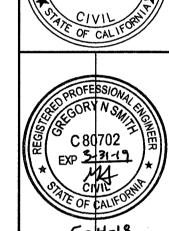
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PLAN CONTROL

EROSION



BELMONT FRONTAGE GRADING PLAN (ADDITIVE ALTERNATE) CHECK NO. 18-1907 C-17-069

Ch. By: DH

Date: 3/16/2018 Scale: As Noted

YH Job No. <u>16-396</u>

LEGEND AND KEYNOTES:

A PROPOSED CONCRETE SIDEWALK PER CITY OF FRESNO STD. P-5

B PROPOSED 7" HMA PLUG PER CITY OF FRESNO STD. P-48

PROPOSED CONCRETE CURB AND GUTTER PER CITY OF FRESNO STD. P-5

D PROPOSED CONCRETE CURB RAMP PER CITY OF FRESNO STD. P-28

(E) PROPOSED CONCRETE VALLEY GUTTER PER CITY OF FRESNO STD. P-10

F PROPOSED ELECTRICAL PULLBOX

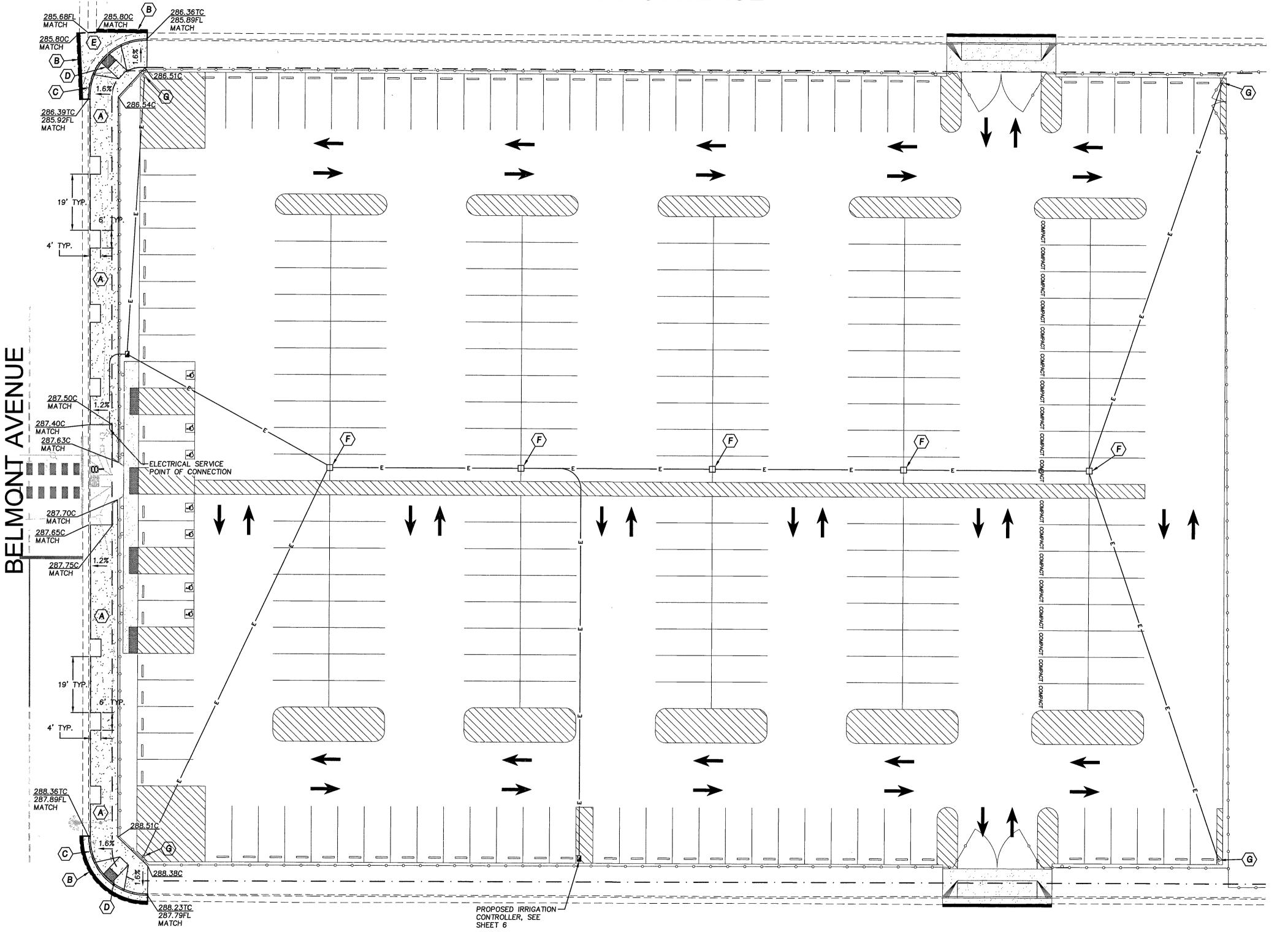
G PROPOSED SECURITY CAMERA AND POST

---- E ---- PROPOSED 1-1/4" ELECTRICAL CONDUIT

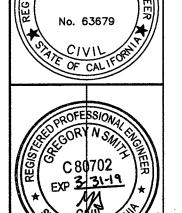
PROPOSED CONCRETE SIDEWALK PER CITY OF FRESNO STD. P-5

PROPOSED 7" HMA PLUG PER CITY OF FRESNO STD. P-48

PACIFIC AVENUE



TEILMAN AVENUE



PL

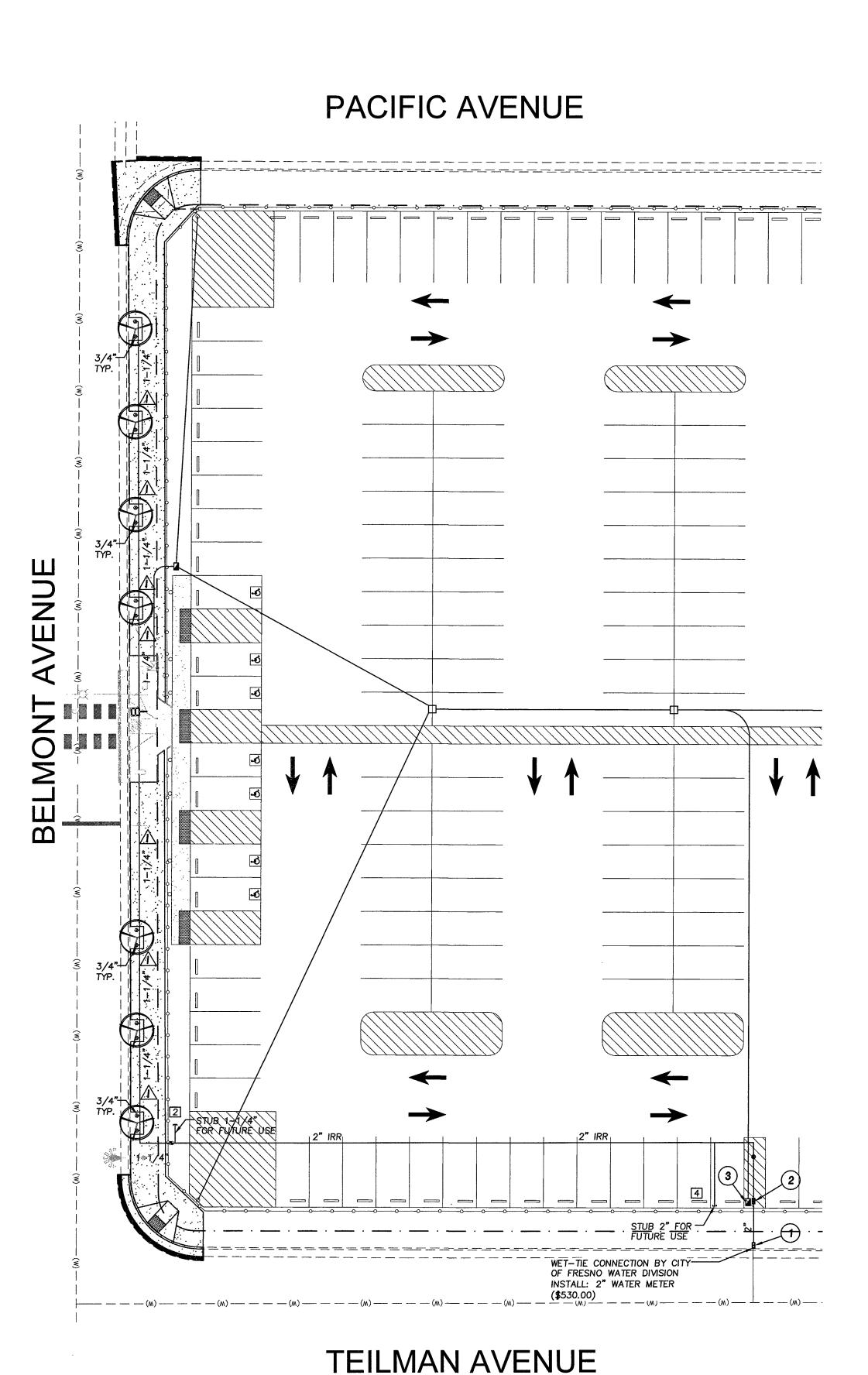
BELMONT FRONTAGE IRRIGATION (ADDITIVE ALTERNATE)

CHECK NO. 18-1907 C-17-06

Ch. By: DH Date: 3/16/2018 Scale: As Noted

/H Job No. <u>16-396</u>

heet No.____7



IRRIGATION PLAN

IRRIGATION LEGEND AND KEYNOTES:

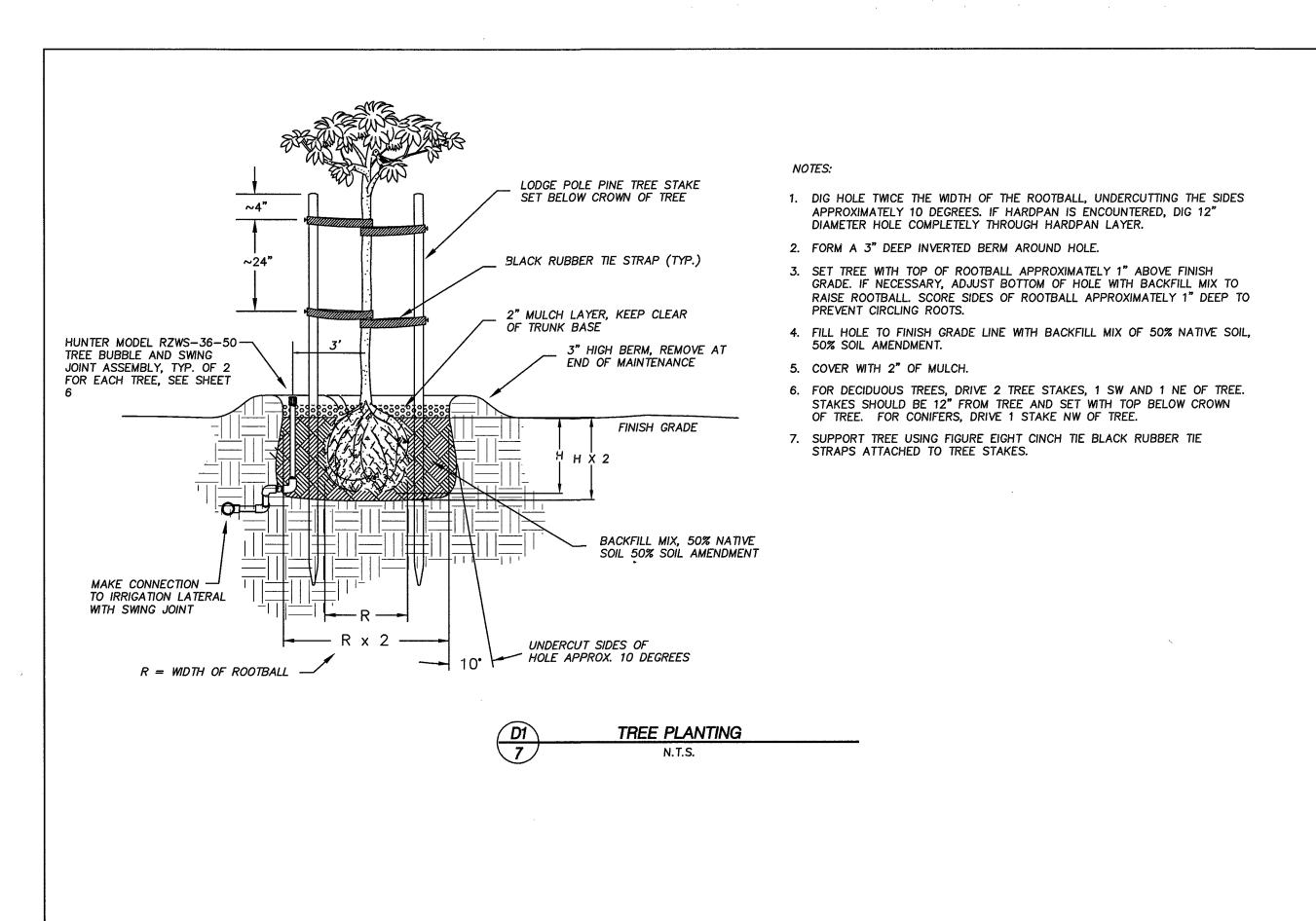
- HUNTER MODEL RZWS-36-50 TREE BUBBLE AND SWING JOINT ASSEMBLY (0.5GPM @ 35PSI)
- IRRITROL WO SERIES ELECTRICAL CONTROL VALVE AND CHRISTY B-16 VALVE BOX
- 4" RESILENT WEDGE GATE VALVE WITH 2" OPERATING NUT AND CHRISTY G5 VALVE BOX OR APPROVED EQUIVELENT PER DETAIL D3/7
- HUNTER I-CORE IRRIGATION CONTROLLER MODEL IC-600-SS WITH STAINLESS STEEL PEDESTAL

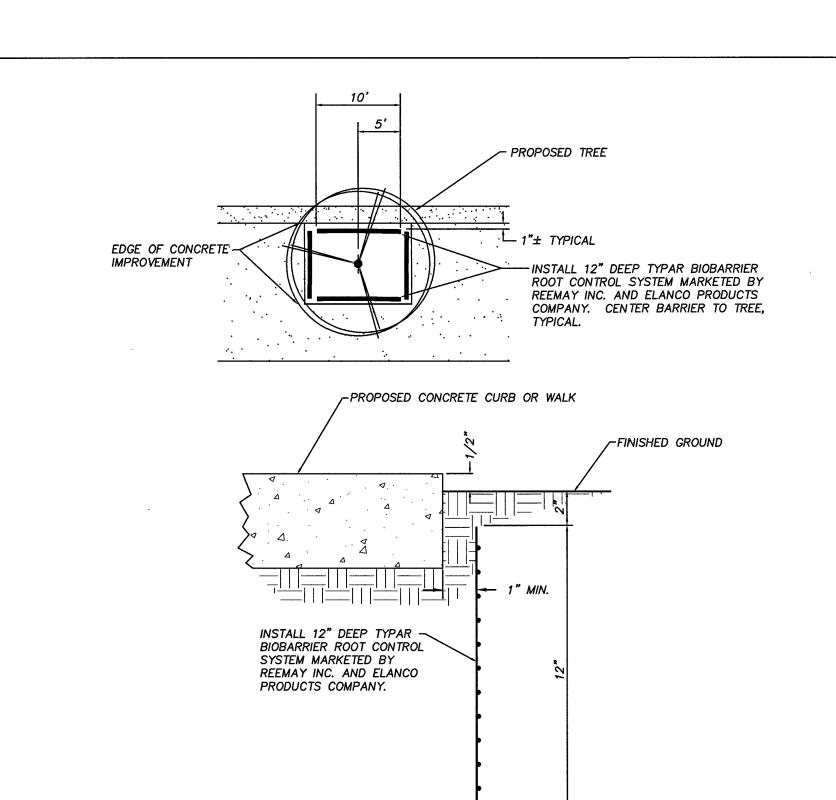
CONTROLLER PER DETAIL D7/7

- WATER METER PER CITY OF FRESNO STD. DWG W-1
- INSTALL BACKFLOW PREVENTION DEVICE PER CITY OF FRESNO STD. DWG W-11 INSTALL HUNTER 1-CORE METAL PEDESTAL IRRIGATION
- IRRIGATION SLEEVE: 1-3" SCHEDULE 40 PVC PIPE, SEE DETAIL D8/7
- NUMBER OF SPARE IRRIGATION CONTROL WIRES AND
- CLASS 200 RUBBER GASKET PVC IRRIGATION MAIN LINE WITH DUCTILE IRON FITTINGS, SIZE AND NOTED SCHEDULE 40 PVC IRRIGATION LATERAL LINE, SIZE AS NOTED
- PROPOSED TREE

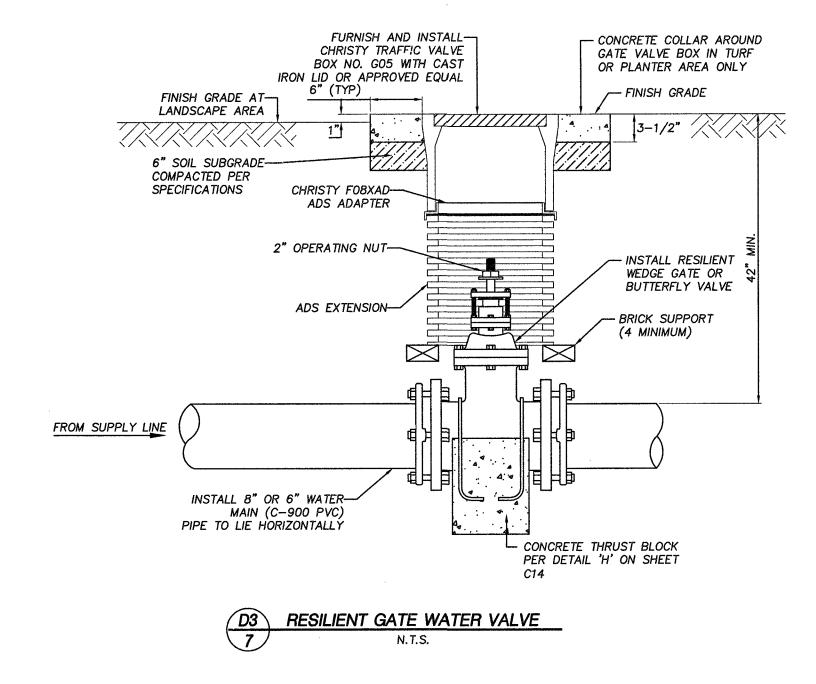
IRRIGATION NOTES:

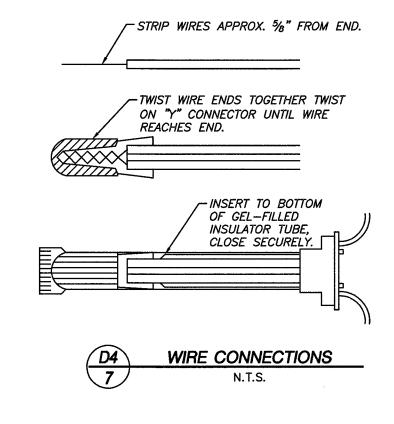
- 1. LATERAL LINES SHALL BE SCH. 40 PVC PURPLE PIPE.
- 2. ADJUST ALL IRRIGATION HEADS TO ELIMINATE OVERSPRAY ON ADJACENT HARD SURFACE AREAS. PROVIDE NEXT SIZE DOWN OF FIXED ARC NOZZLE FOR IRRIGATION HEADS WHERE OVERSPRAY IS EXCESSIVE. PROVIDE CHECK VALVES WHERE NEEDED TO PREVENT LOW HEAD DRAINAGE.
- 3. PIPING, VALVES, ETC. ARE SHOWN WITHIN PAVED AREAS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE.
- 4. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXISTS THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO EXPENSE TO THE OWNER.
- 5. SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES W/ WATERPROOF MARKERS AT ALL SPLICES, VALVE
- 6. INSTALL VALVE BOXES 12" FROM AND PERPENDICULAR TO WALKS, CURB, LAWN, BUILDINGS OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN ,ETC. AND EACH BOX SHALL BE A MINIMUM OF 2' APART. SHORT SIDE OF THE VALVE BOX SHALL BE PARALLEL TO WALK, CURB, LAWN, ETC. INSTALL ONE VALVE PER BOX
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON PLAN.
- 8. CONCRETE THRUST BLOCKS SHALL BE PROVIDED ON ALL MAINLINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES TO HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURE'S RECOMMENDATIONS FOR THRUST BLOCKS MUST BE FORMED AGAINST UNDISTURBED
- 9. ALL MAIN LINE PIPES SHALL BE PRESSURE TESTED PER STANDARD IRRIGATION SPECIFICATIONS WITH THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED AND APPROVED BY THE INSPECTOR. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.
- 10. THE CONTRACTOR SHALL PROVIDE AND KEEP AN UP-TO-DATE "RECORD DRAWING" SHOWING ALL CHANGES TO THE ORIGINAL DRAWINGS AND EXACT LOCATIONS OF FACILITIES INSTALLED. BEFORE FINAL INSPECTION, THE CONTRACTOR SHALL FURNISH "RECORD DRAWINGS" AND DIGITAL COPY TO THE
- 11. THE CONTRACTOR SHALL PROVIDE TWO CONTROLLER CHARTS. THE CHART SHALL SHOW THE AREA IRRIGATED BY THE CONTROLLER AND SHALL BE THE MAXIMUM SIZE THE CONTROLLER DOOR WILL ALLOW. THE CHART MAY BE REDUCED DRAWING OF THE RECORD DRAWINGS. THE CHART SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH STATION. THE CHART SHALL BE LAMINATED OR COVERED IN A
- 12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING A COMPLETE FUNCTIONING IRRIGATION SYSTEM AS DIRECTED BY THE OWNER. CONTRACTOR SHALL FURNISH ALL APPURTENANT ITEMS, MATERIALS, LABOR, EQUIPMENT NECESSARY TO PROVIDE A COMPLETELY FUNCTIONAL IRRIGATION SYSTEM WHETHER SOLELY SHOWN OR CALLED FOR ON PLANS & SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE SUCH ITEMS IN THEIR PRICE FOR THE WORK. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR WORK DEEMED INCLUDED IN THE CONTRACT BY OWNER.
- 13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR; CONTROL WIRE TERMINATION AT CONTROLLER, SCHEDULING WATER TIMES & PROGRAMS FOR THE IRRIGATION CONTROLLERS ON SITE, PROVIDING THE CORRECT AMOUNT OF WATER AFFORDED TO THE PLANT MATERIAL ON THE PROJECT FOR OPTIMUM GROWTH. THIS REQUIREMENT SHALL RUN FROM START OF CONTRACT UNTIL FINAL ACCEPTANCE OF IRRIGATION SYSTEM. NO ADDITIONAL COMPENSATION SHALL BE AUTHORIZED FOR WORK NEEDED TO: PROGRAM, SCHEDULE OR TO SET UP WATERING CYCLES DEEMED INCLUDED IN THE CONTRACT BY THE
- 14. WHEN IRRIGATION SYSTEM IS COMPLETED, THE CONTRACTOR IN THE PRESENCE OF THE OWNER REPRESENTATIVE SHALL PERFORM A COVERAGE TEST. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR REQUIRED TO CORRECT ANY INADEQUACIES OF COVERAGE DISCLOSED WITHOUT ANY EXTRA
- 21. THE RP DEVICES SHALL BE TESTED AND APPROVED BY A CERTIFIED AWWA OR ABPA TESTER WITHIN FIVE DAYS OF INSTALLATION. NO CUSTOMER WILL BE GRANTED OCCUPANCY UNTILA LEAD FREE BACKFLOW DEVICE IS AND DOCUMENTED WITH THE CITY OF FRESNO WATER DIVISION. A LIST OF CERTIFIED TESTERS CAN BE OBTAINED B YCALLING 559-621-5335. TEST RESULTS CAN BE SUBMITTED TO THE CITY OF FRESNO'S WEBSITE AT www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Watermanagement/Conservation/backflow

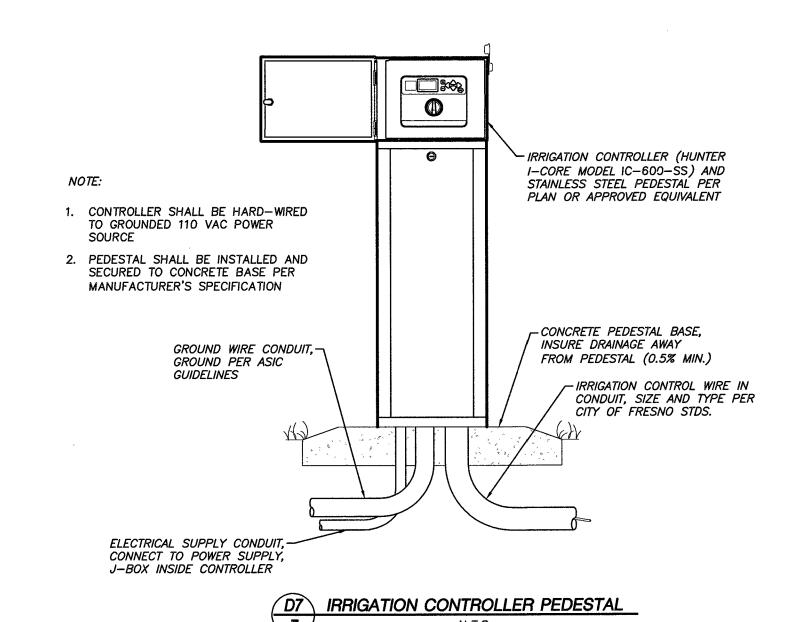


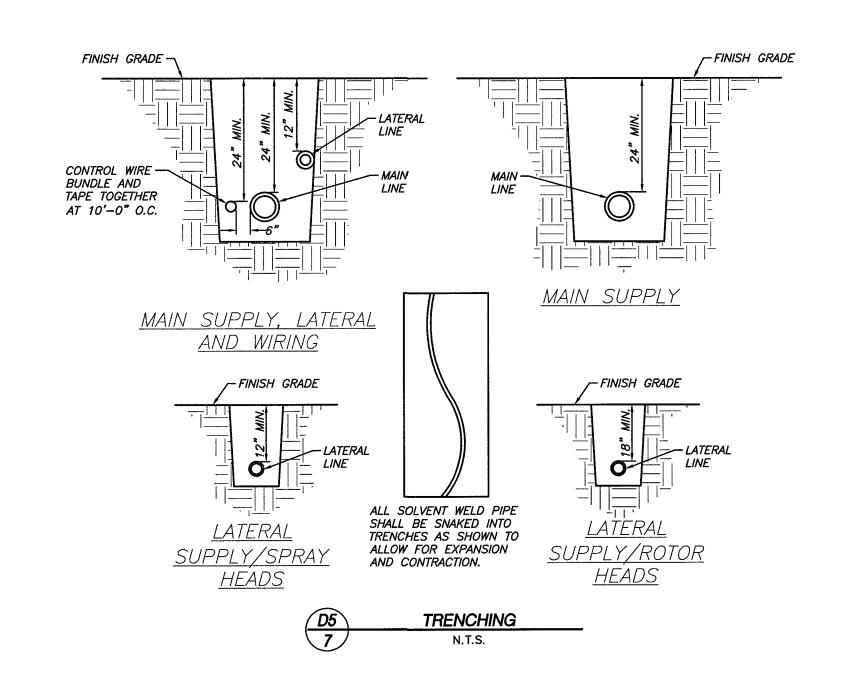


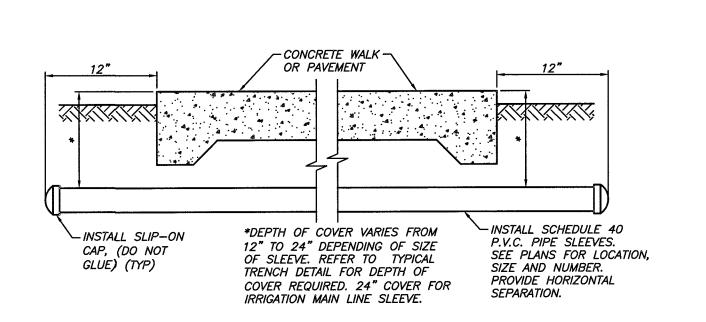
TREEWELL ROOT BARRIER
N.T.S.



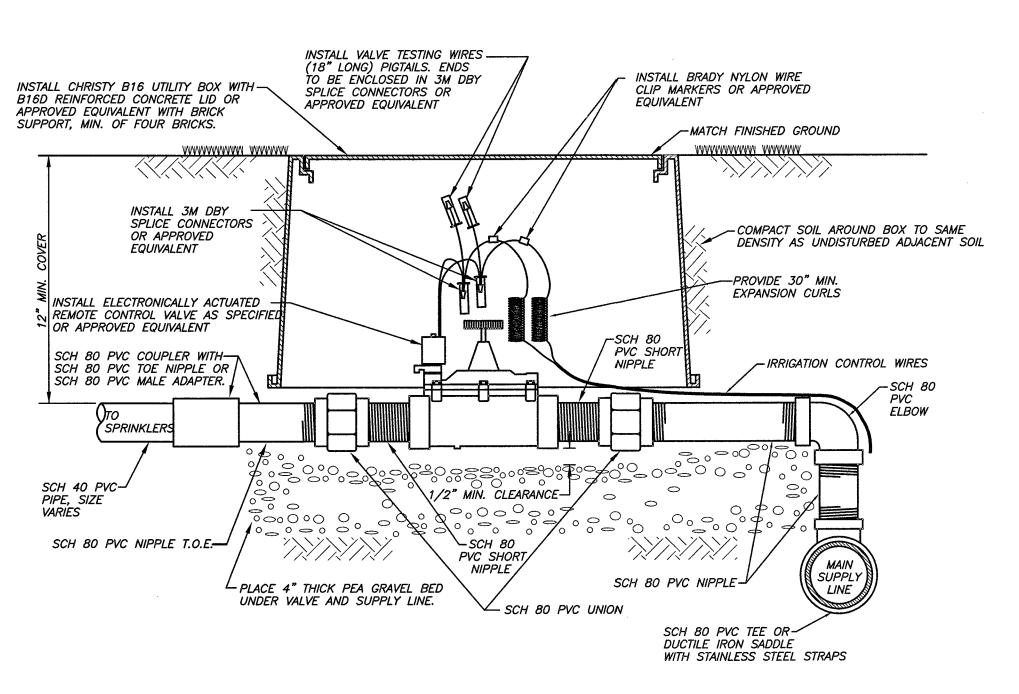




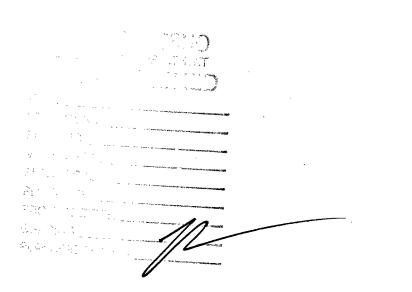








D6 TYPICAL IRRIGATION VLAVE INSTALLATION
N.T.S

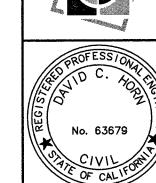


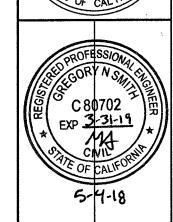
Ref. & Rev.

be & Horn eering, Inc.

Engineering







E E TION PLAN (F)

BELMONT FRONTAGE IRRIGATION PL (ADDITIVE ALTERNATE) CHECK NO. 18-1907 C-17-069

IEET DESCRIPTION

Date: 3/16/2018
Scale: As Noted

YH Job No. <u>16-396</u>

Sheet No. <u>8</u>

of 8 Sheet