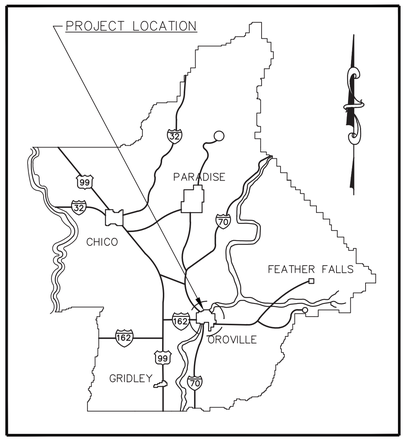


KEY MAP
OF
BUTTE COUNTY

CITY OF OROVILLE
PUBLIC WORKS
DEPARTMENT

OROVILLE, CALIFORNIA

PLANS FOR THE CONSTRUCTION OF :

TABLE MOUNTAIN BLVD. & NELSON AVE. ROUNDABOUT

LEGEND

- PROJECT RIGHT OF WAY BOUNDARY
- 6" SS — EX SANITARY SEWER AND SIZE (TO REMAIN)
- 6" SS — EX SANITARY SEWER AND SIZE (TO BE REMOVED)
- 18" SD — EX STORM DRAIN AND SIZE (TO REMAIN)
- 18" SD — EX STORM DRAIN AND SIZE (TO REMAIN)
- EXISTING FLOW LINE
- G — EXISTING GAS LINE UNDERGROUND
- W — EXISTING WATER LINE (TO REMAIN)
- W — EXISTING WATER LINE (TO BE REMOVED)
- OH — EXISTING OVERHEAD LINES
- X — EXISTING FENCE
- EXISTING ROADWAY
- 235 — EXISTING 5' CONTOUR LINE MAJOR
- EXISTING 1' CONTOUR LINE MINOR
- EXISTING ROADWAY TO BE REMOVED
- EXISTING UTILITY POLE
- WV — EXISTING WATER VALVE
- WM — EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EX TREE TYPE & SIZE PER NOTES
- EX TREE TYPE & SIZE PER NOTES (TO BE REMOVED)
- EX STREET LIGHT MOUNTED ON UTILITY POLE
- S — EXISTING SEWER MANHOLE
- EXISTING DROP INLET & FLAT TOP CATCH BASIN
- D — EXISTING STORMDRAIN MANHOLE
- EXISTING TRAFFIC SIGN PER CALL OUT
- FOUND SURVEY MONUMENT PER NOTES
- NORTHSTAR ENGINEERING CONTROL POINT
- PROPOSED NEATCUT AND CONFORM LINE
- PROPOSED ROLLED CURB NO GUTTER CITY STD. ST-05
- PROPOSED VERTICAL CURB & GUTTER CITY STD. ST-05
- 12" SD — PROPOSED STORM DRAIN AND SIZE
- 8" SS — PROPOSED SEWER LINE AND SIZE
- W — PROPOSED WATER LINE
- SL — PROPOSED STREET LIGHT ELECTRIC PER CITY STD. ST-24
- PROPOSED GRADE BREAK
- 150.41 FL — FINISHED GRADE LABEL
- PROPOSED CITY STD. SD-02 DROP INLET
- PROPOSED AREA DRAIN PER DETAIL E SHEET 7
- PROPOSED HANDICAPPED PED RAMP, SLOPE MUST BE LESS THAN 8.33%
- CITY STD. STREET LIGHT WITH 30' POLE, 10' MAST ARM AND 200 WATT EQUIVALENT LED LUMINAIRE PER CITY STDS. ST-24 THRU ST-29 AND DETAIL G SHEET 7
- SL — CITY STD. ST-27 STREET LIGHT PULL BOX
- TRUNCATED DOMES INSTALLED PER ADA STANDARDS. TRUNC. DOME FIELD SHALL BE 3' DEEP IN DIRECTION OF TRAVEL WITH WIDTH EQUAL TO THE CURB OPENING.
- PROPOSED MAIN PAVING SECTION 4" TYPE "A" AC ON 12" CLASS 2 AB
- PROPOSED PCC SIDEWALK PER CITY STD. ST-07
- PROPOSED COLORED CONCRETE, SEE LANDSCAPE PLANS FOR COLOR AND PATTERN
- 031-083-005 — ASSESSOR PARCEL NUMBER FOR NEIGHBORING PROPERTIES

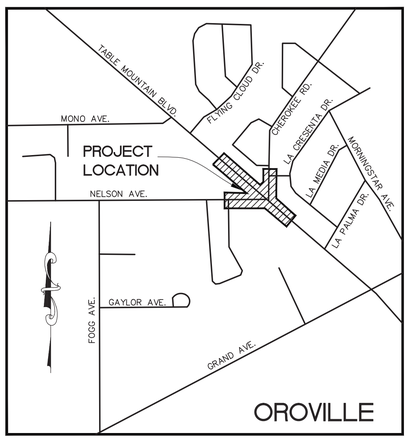
APPLICABLE STANDARD PLANS :

CITY OF OROVILLE:

STD. ST-05	STD. ST-27	STD. SD-02
STD. ST-07	STD. ST-28	STD. SD-04
STD. ST-11	STD. ST-29	STD. SD-08
STD. ST-13	STD. SS-01	
STD. ST-16	STD. SS-02	
STD. ST-23	STD. SS-09	
STD. ST-24	STD. SS-10	
STD. ST-25	STD. SS-11	
STD. ST-26	STD. SD-01	

CALTRANS: 2010 STANDARD PLANS

STD. PLAN A20A	STD. PLAN A88A
STD. PLAN A20B	STD. PLAN A88B
STD. PLAN A20D	STD. PLAN A90A
STD. PLAN A24A	STD. PLAN D94A
STD. PLAN A24C	STD. PLAN T3
STD. PLAN A24E	



LOCATION MAP *NTS*

ABBREVIATIONS

AGGREGATE BASE	AB	MINIMUM	MIN
ASPHALT CONCRETE	AC	MID POINT	MP
BEGIN CURVE	BC	MID POINT ON CURVE	MPOC
BACK OF WALK	BOW	NOT TO SCALE	NTS
BACK OF SIDEWALK	BSW	ORIGINAL GROUND	OG
BEGIN VERTICAL CURVE	BVC	OVERHEAD ELECTRIC	OHE
CATCH BASIN	CB	ON CENTER	OC
CURB AND GUTTER	CG	PORTLAND CEMENT CONCRETE	PCC
CENTERLINE	CL	POINT OF INTERSECTION	PI
CORRUGATED METAL PIPE	CMP	PROPERTY LINE	PL
CUBIC YARDS	CU	POWER POLE	PP
DRAIN INLET	DI	POINT OF REVERSE CURVATURE	PRC
ELECTRIC	E	POINT OF TANGENCY	PT
END CURVE	EC	PUBLIC UTILITY EASEMENT	PUE
EXISTING GROUND	EG	POLYVINALCHLORIDE	PVC
ELEVATION	ELEV	POINT OF VERTICAL INTERSECTION	PVI
EDGE OF PAVEMENT	EP	RADIUS	R
END VERTICAL CURVE	EVC	REINFORCED CONCRETE PIPE	RCP
EXISTING	EX	RELATIVE DENSITY	RD
FUTURE	F	RETURN	RET
FINISH GRADE	FG	RIGHT-OF-WAY	ROW
FIRE HYDRANT	FH	RIGHT	RT
FLOWLINE	FL	SLOPE	S
FACE OF CURB	FC	STORM DRAIN	SD
FEET	FT	STORM DRAIN MAINTENANCE HOLE	SDMH
GAS	G	SUB GRADE	
GRADE BREAK	GB	SANITARY SEWER	SS
GAS METER	GM	SANITARY SEWER MAINTENANCE HOLE	SSMH
HANDICAP RAMP	HCRAMP	STATION	STA
HIGH DENSITY POLYETHYLENE	HDPE	STANDARD	STD
INVERT ELEVATION	IE	SIDEWALK	SW
JOINT POLE	JP	TOP BACK OF CURB	TBC
JOINT TRENCH	JT	TOP OF CURB	TC
LATERAL	LAT	TELEPHONE	TEL
LINEAR FEET	LF	TYPICAL	TYP
LIP OF GUTTER	LIP	VALLEY GUTTER	VG
LEFT	LT	WATER	W
MAXIMUM	MAX	WATER METER	WM
MAINTENANCE HOLE	MH	YARDS	YDS

NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF OROVILLE AT (530) 538-2420, 48 HOURS PRIOR TO THE INTENTION TO BEGIN CONSTRUCTION.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF OROVILLE IMPROVEMENT STANDARDS AND SPECIFICATIONS, AND APPLICABLE PORTIONS OF THE 2010 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS. APPROVAL BY THE CITY IS REQUIRED.

3. CONTRACTOR SHALL HAVE SIGNED PLANS IN HIS POSSESSION PRIOR TO COMMENCEMENT OF WORK.

4. LOCATIONS AND DEPTHS OF EXISTING UTILITIES (ON-SITE AND OFF-SITE) SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 811 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.

5. ALL STORM DRAIN AND SANITARY SEWER WORK TO COMMENCE AT THE DOWNSTREAM END OF LINES.

6. POTHOLE ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.

7. THE CONTRACTOR SHALL PROTECT AND NOT DISTURB EXISTING MONUMENTS.

8. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND IMPLEMENTING ALL SWPPP PLANS AND MEASURES.

9. UTILITY RELOCATION WILL OCCUR DURING THIS PROJECT, CONTRACTOR IS TO COOPERATE WITH ALL UTILITY COMPANIES DOING WORK IN THE AREA.

BENCHMARK

USC&GS BRASS DISK STAMPED "E863" IN TOP OF CURB AT SOUTHWEST CORNER OF TABLE MOUNTAIN BLVD AND NELSON AVENUE, ELEVATION = 271.07' (NAVD 88 DATUM)

INDEX OF SHEETS

APPROVED BY: _____
RICK WALLS
CITY ENGINEER
CITY OF OROVILLE, CALIFORNIA
DATE: June 10, 2015

REGISTERED PROFESSIONAL ENGINEER — NEIL A. GRABER — No. 45194 Exp. 9/30/16 — CIVIL — STATE OF CALIFORNIA

PREPARED BY OR UNDER THE SUPERVISION OF:

June 10, 2015

NEIL A. GRABER R.C.E. 45194 EXP. 9/30/16
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BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK

ELEVATION DATUM

DRAWN RLK
DESIGNED RLK
CHECKED NAG
SCALE N/A

APPROVED

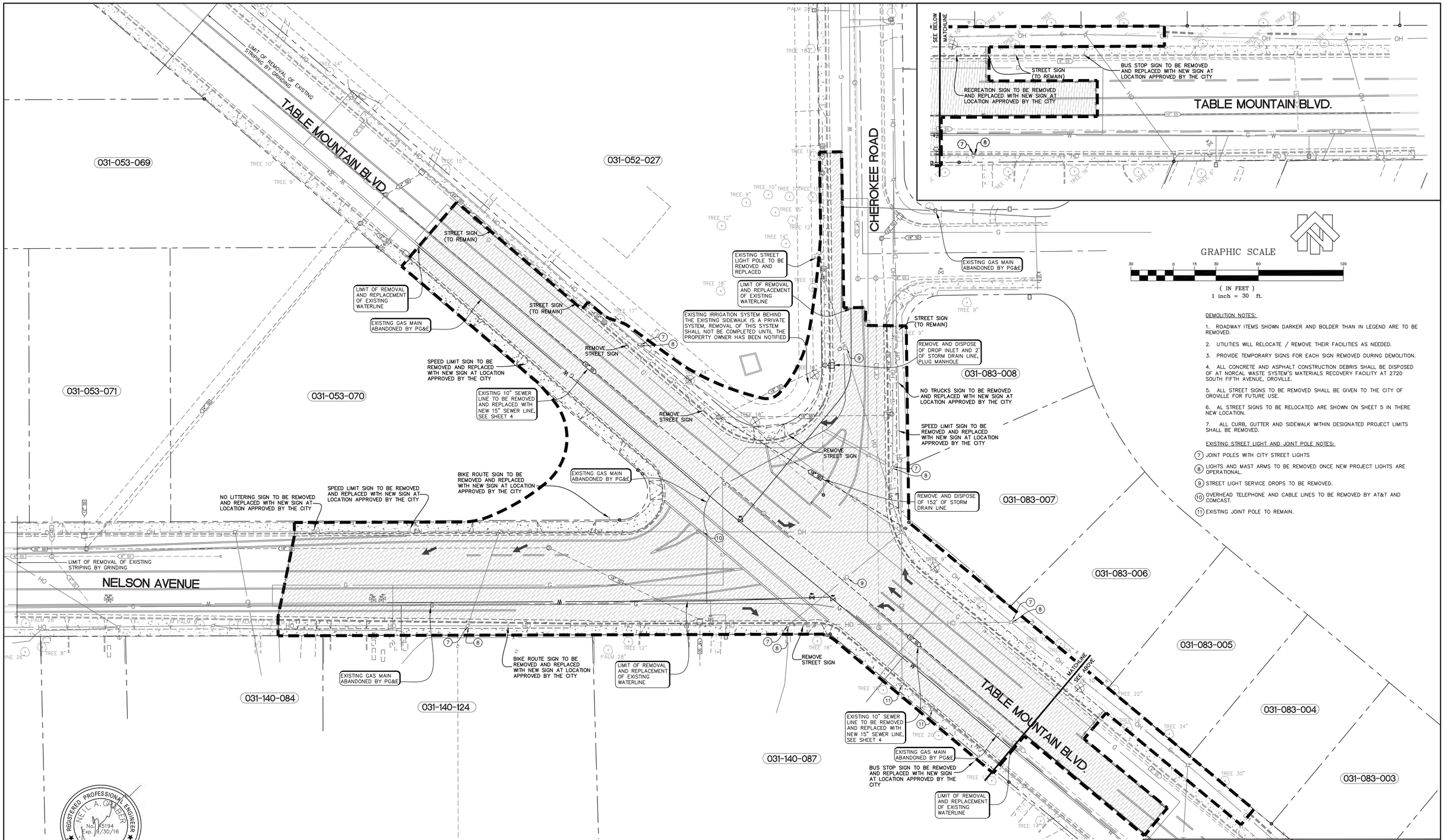
CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

TITLE SHEET

TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 1 OF 15 SHEETS

FILE NO. 11-279



DEMOLITION NOTES:

1. ROADWAY ITEMS SHOWN DARKER AND BOLDER THAN IN LEGEND ARE TO BE REMOVED.
2. UTILITIES WILL RELOCATE / REMOVE THEIR FACILITIES AS NEEDED.
3. PROVIDE TEMPORARY SIGNS FOR EACH SIGN REMOVED DURING DEMOLITION.
4. ALL CONCRETE AND ASPHALT CONSTRUCTION DEBRIS SHALL BE DISPOSED OF AT NORCAL WASTE SYSTEM'S MATERIALS RECOVERY FACILITY AT 2720 SOUTH FIFTH AVENUE, OROVILLE.
5. ALL STREET SIGNS TO BE REMOVED SHALL BE GIVEN TO THE CITY OF OROVILLE FOR FUTURE USE.
6. AL STREET SIGNS TO BE RELOCATED ARE SHOWN ON SHEET 5 IN THERE NEW LOCATION.
7. ALL CURB, GUTTER AND SIDEWALK WITHIN DESIGNATED PROJECT LIMITS SHALL BE REMOVED.

EXISTING STREET LIGHT AND JOINT POLE NOTES:

(7) JOINT POLES WITH CITY STREET LIGHTS
(8) LIGHTS AND MAST ARMS TO BE REMOVED ONCE NEW PROJECT LIGHTS ARE OPERATIONAL.
(9) STREET LIGHT SERVICE DROPS TO BE REMOVED.
(10) OVERHEAD TELEPHONE AND CABLE LINES TO BE REMOVED BY AT&T AND COMCAST.
(11) EXISTING JOINT POLE TO REMAIN.

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BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN	RLK
DESIGNED	RLK
CHECKED	NAG
SCALE	1"=30'

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
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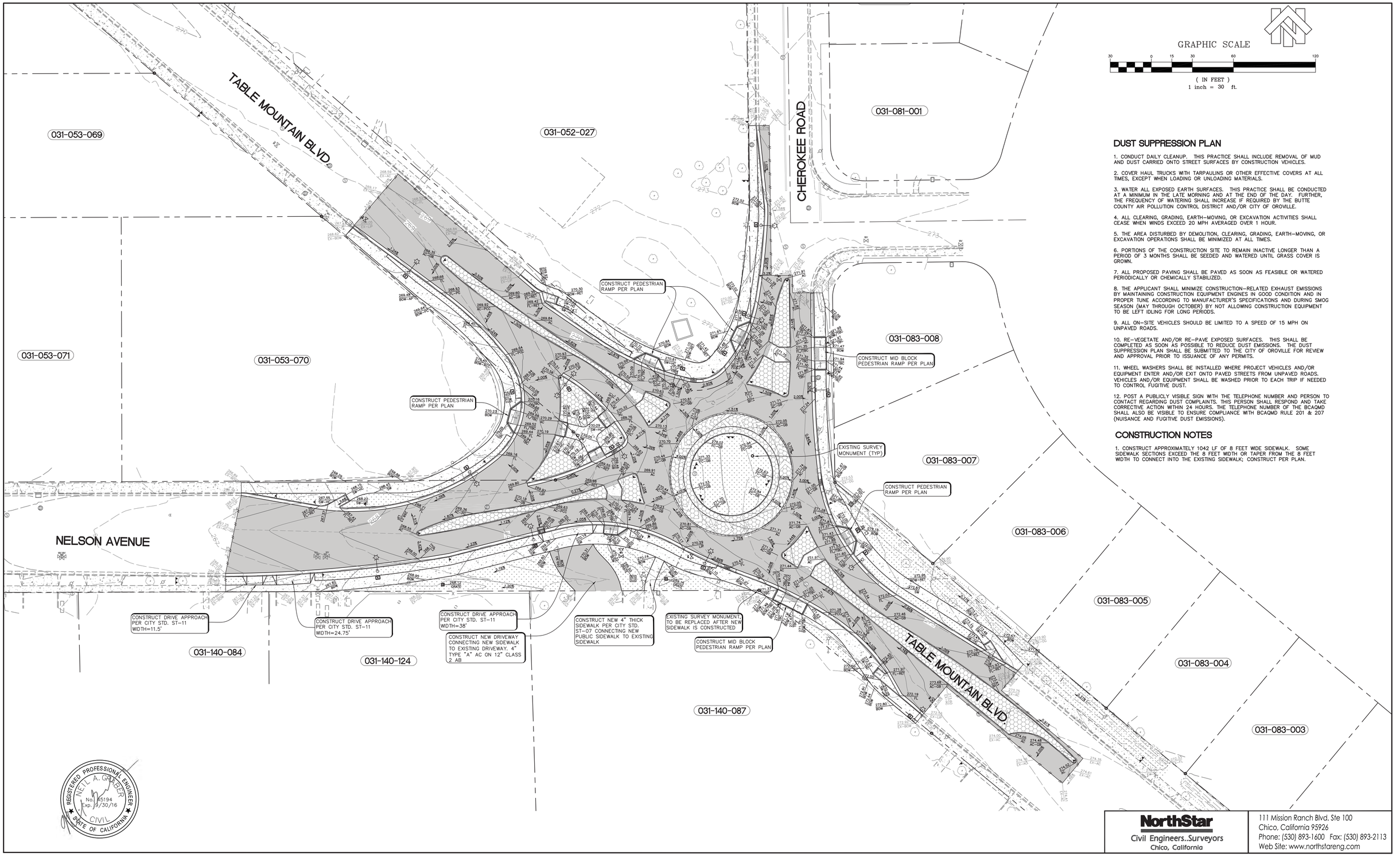
DEMOLITION SHEET

TABLE MOUNTAIN / NELSON INTERS. OROVILLE PUBLIC WORKS

SHEET 2 OF 15 SHEETS
FILE NO. 11-279



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

DUST SUPPRESSION PLAN

1. CONDUCT DAILY CLEANUP. THIS PRACTICE SHALL INCLUDE REMOVAL OF MUD AND DUST CARRIED ONTO STREET SURFACES BY CONSTRUCTION VEHICLES.

2. COVER HAUL TRUCKS WITH TARPAULINS OR OTHER EFFECTIVE COVERS AT ALL TIMES, EXCEPT WHEN LOADING OR UNLOADING MATERIALS.

3. WATER ALL EXPOSED EARTH SURFACES. THIS PRACTICE SHALL BE CONDUCTED AT A MINIMUM IN THE LATE MORNING AND AT THE END OF THE DAY. FURTHER, THE FREQUENCY OF WATERING SHALL INCREASE IF REQUIRED BY THE BUTTE COUNTY AIR POLLUTION CONTROL DISTRICT AND/OR CITY OF OROVILLE.

4. ALL CLEARING, GRADING, EARTH-MOVING, OR EXCAVATION ACTIVITIES SHALL CEASE WHEN WINDS EXCEED 20 MPH AVERAGED OVER 1 HOUR.

5. THE AREA DISTURBED BY DEMOLITION, CLEARING, GRADING, EARTH-MOVING, OR EXCAVATION OPERATIONS SHALL BE MINIMIZED AT ALL TIMES.

6. PORTIONS OF THE CONSTRUCTION SITE TO REMAIN INACTIVE LONGER THAN A PERIOD OF 3 MONTHS SHALL BE SEEDED AND WATERED UNTIL GRASS COVER IS GROWN.

7. ALL PROPOSED PAVING SHALL BE PAVED AS SOON AS FEASIBLE OR WATERED PERIODICALLY OR CHEMICALLY STABILIZED.

8. THE APPLICANT SHALL MINIMIZE CONSTRUCTION-RELATED EXHAUST EMISSIONS BY MAINTAINING CONSTRUCTION EQUIPMENT ENGINES IN GOOD CONDITION AND IN PROPER TUNE ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND DURING SMOG SEASON (MAY THROUGH OCTOBER) BY NOT ALLOWING CONSTRUCTION EQUIPMENT TO BE LEFT IDLING FOR LONG PERIODS.

9. ALL ON-SITE VEHICLES SHOULD BE LIMITED TO A SPEED OF 15 MPH ON UNPAVED ROADS.

10. RE-VEGETATE AND/OR RE-PAVE EXPOSED SURFACES. THIS SHALL BE COMPLETED AS SOON AS POSSIBLE TO REDUCE DUST EMISSIONS. THE DUST SUPPRESSION PLAN SHALL BE SUBMITTED TO THE CITY OF OROVILLE FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE OF ANY PERMITS.

11. WHEEL WASHERS SHALL BE INSTALLED WHERE PROJECT VEHICLES AND/OR EQUIPMENT ENTER AND/OR EXIT ONTO PAVED STREETS FROM UNPAVED ROADS. VEHICLES AND/OR EQUIPMENT SHALL BE WASHED PRIOR TO EACH TRIP IF NEEDED TO CONTROL FUGITIVE DUST.

12. POST A PUBLICLY VISIBLE SIGN WITH THE TELEPHONE NUMBER AND PERSON TO CONTACT REGARDING DUST COMPLAINTS. THIS PERSON SHALL RESPOND AND TAKE CORRECTIVE ACTION WITHIN 24 HOURS. THE TELEPHONE NUMBER OF THE BCAQMD SHALL ALSO BE VISIBLE TO ENSURE COMPLIANCE WITH BCAQMD RULE 201 & 207 (NUISANCE AND FUGITIVE DUST EMISSIONS).

CONSTRUCTION NOTES

1. CONSTRUCT APPROXIMATELY 1042 LF OF 8 FEET WIDE SIDEWALK. SOME SIDEWALK SECTIONS EXCEED THE 8 FEET WIDTH OR TAPER FROM THE 8 FEET WIDTH TO CONNECT INTO THE EXISTING SIDEWALK; CONSTRUCT PER PLAN.

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BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN RLK
DESIGNED RLK
CHECKED NAG
SCALE N/A

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
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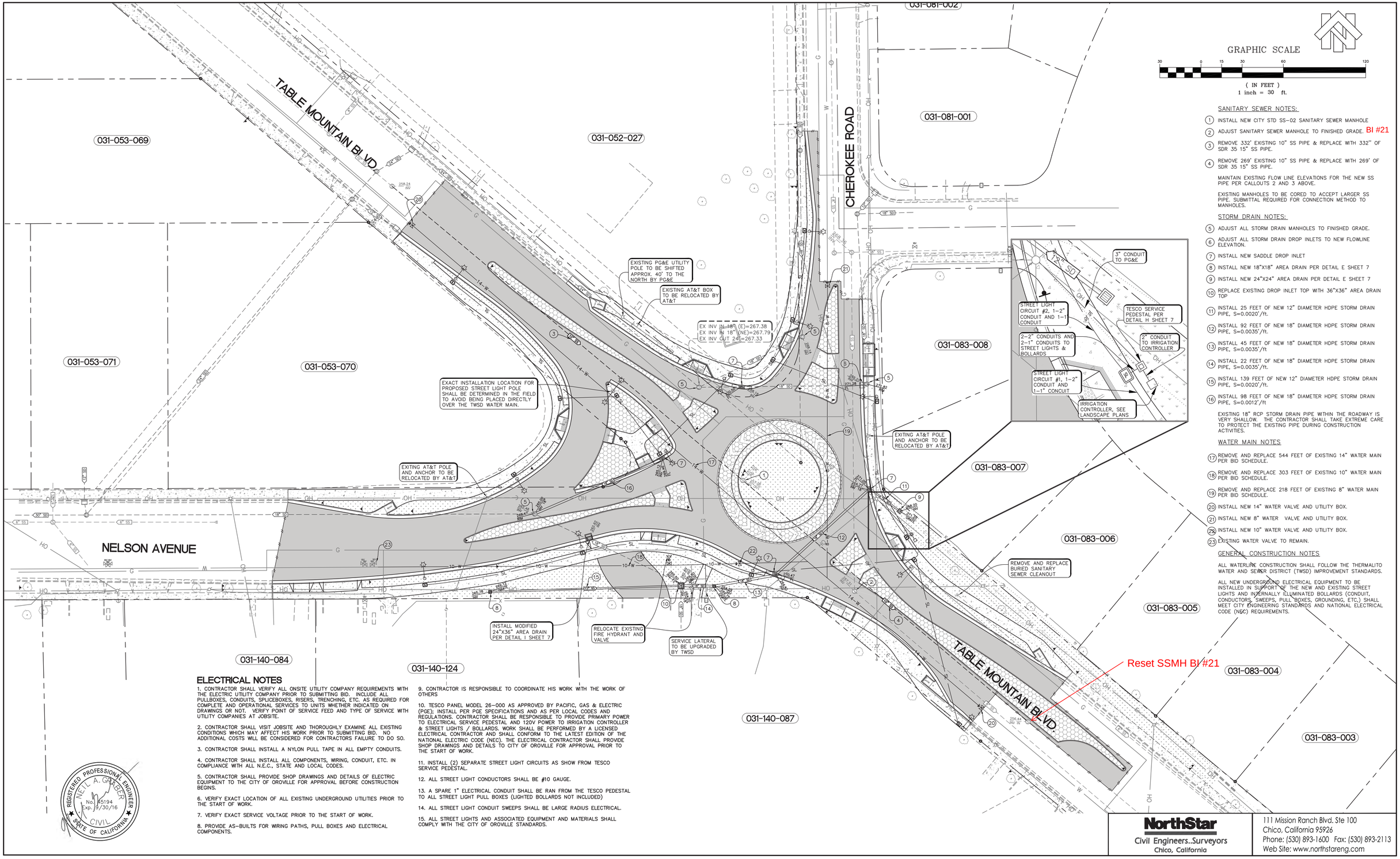
GRADING SHEET

TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 3 OF 15 SHEETS

FILE NO. 11-279



SANITARY SEWER NOTES:

1. INSTALL NEW CITY STD SS-02 SANITARY SEWER MANHOLE
2. ADJUST SANITARY SEWER MANHOLE TO FINISHED GRADE. BI #21
3. REMOVE 332' EXISTING 10" SS PIPE & REPLACE WITH 332" OF SDR 35 15" SS PIPE.
4. REMOVE 269' EXISTING 10" SS PIPE & REPLACE WITH 269' OF SDR 35 15" SS PIPE.

MAINTAIN EXISTING FLOW LINE ELEVATIONS FOR THE NEW SS PIPE PER CALLOUTS 2 AND 3 ABOVE.

EXISTING MANHOLES TO BE CORED TO ACCEPT LARGER SS PIPE. SUBMITTAL REQUIRED FOR CONNECTION METHOD TO MANHOLES.

STORM DRAIN NOTES:

5. ADJUST ALL STORM DRAIN MANHOLES TO FINISHED GRADE.
6. ADJUST ALL STORM DRAIN DROP INLETS TO NEW FLOWLINE ELEVATION.
7. INSTALL NEW SADDLE DROP INLET
8. INSTALL NEW 18"X18" AREA DRAIN PER DETAIL E SHEET 7
9. INSTALL NEW 24"X24" AREA DRAIN PER DETAIL E SHEET 7
10. REPLACE EXISTING DROP INLET TOP WITH 36"X36" AREA DRAIN TOP
11. INSTALL 25 FEET OF NEW 12" DIAMETER HDPE STORM DRAIN PIPE, S=0.0020'/ft.
12. INSTALL 92 FEET OF NEW 18" DIAMETER HDPE STORM DRAIN PIPE, S=0.0035'/ft.
13. INSTALL 45 FEET OF NEW 18" DIAMETER HDPE STORM DRAIN PIPE, S=0.0035'/ft
14. INSTALL 22 FEET OF NEW 18" DIAMETER HDPE STORM DRAIN PIPE, S=0.0035'/ft.
15. INSTALL 139 FEET OF NEW 12" DIAMETER HDPE STORM DRAIN PIPE, S=0.0020'/ft.
16. INSTALL 98 FEET OF NEW 18" DIAMETER HDPE STORM DRAIN PIPE, S=0.0012'/ft

EXISTING 18" RCP STORM DRAIN PIPE WITHIN THE ROADWAY IS VERY SHALLOW. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE EXISTING PIPE DURING CONSTRUCTION ACTIVITIES.

WATER MAIN NOTES

17. REMOVE AND REPLACE 544 FEET OF EXISTING 14" WATER MAIN PER BID SCHEDULE.
18. REMOVE AND REPLACE 303 FEET OF EXISTING 10" WATER MAIN PER BID SCHEDULE.
19. REMOVE AND REPLACE 218 FEET OF EXISTING 8" WATER MAIN PER BID SCHEDULE.
20. INSTALL NEW 14" WATER VALVE AND UTILITY BOX.
21. INSTALL NEW 8" WATER VALVE AND UTILITY BOX.
22. INSTALL NEW 10" WATER VALVE AND UTILITY BOX.
23. EXISTING WATER VALVE TO REMAIN.

GENERAL CONSTRUCTION NOTES

ALL WATERLINE CONSTRUCTION SHALL FOLLOW THE THERMALITO WATER AND SEWER DISTRICT (TWSD) IMPROVEMENT STANDARDS.

ALL NEW UNDERGROUND ELECTRICAL EQUIPMENT TO BE INSTALLED IN SUPPORT OF THE NEW AND EXISTING STREET LIGHTS AND INTERNALLY ILLUMINATED BOLLARDS (CONDUIT, CONDUCTORS, SWEEPS, PULL BOXES, GROUNDING, ETC.) SHALL MEET CITY ENGINEERING STANDARDS AND NATIONAL ELECTRICAL CODE (NEC) REQUIREMENTS.

ELECTRICAL NOTES

1. CONTRACTOR SHALL VERIFY ALL ONSITE UTILITY COMPANY REQUIREMENTS WITH THE ELECTRIC UTILITY COMPANY PRIOR TO SUBMITTING BID. INCLUDE ALL PULLBOXES, CONDUITS, SPLICEBOXES, RISERS, TRENCHING, ETC. AS REQUIRED FOR COMPLETE AND OPERATIONAL SERVICES TO UNITS WHETHER INDICATED ON DRAWINGS OR NOT. VERIFY POINT OF SERVICE FEED AND TYPE OF SERVICE WITH UTILITY COMPANIES AT JOBSITE.
2. CONTRACTOR SHALL VISIT JOBSITE AND THOROUGHLY EXAMINE ALL EXISTING CONDITIONS WHICH MAY AFFECT HIS WORK PRIOR TO SUBMITTING BID. NO ADDITIONAL COSTS WILL BE CONSIDERED FOR CONTRACTORS FAILURE TO DO SO.
3. CONTRACTOR SHALL INSTALL A NYLON PULL TAPE IN ALL EMPTY CONDUITS.
4. CONTRACTOR SHALL INSTALL ALL COMPONENTS, WIRING, CONDUIT, ETC. IN COMPLIANCE WITH ALL N.E.C., STATE AND LOCAL CODES.
5. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND DETAILS OF ELECTRIC EQUIPMENT TO THE CITY OF OROVILLE FOR APPROVAL BEFORE CONSTRUCTION BEGINS.
6. VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF WORK.
7. VERIFY EXACT SERVICE VOLTAGE PRIOR TO THE START OF WORK.
8. PROVIDE AS-BUILTS FOR WIRING PATHS, PULL BOXES AND ELECTRICAL COMPONENTS.
9. CONTRACTOR IS RESPONSIBLE TO COORDINATE HIS WORK WITH THE WORK OF OTHERS
10. TESCO PANEL MODEL 26-000 AS APPROVED BY PACIFIC, GAS & ELECTRIC (PGE); INSTALL PER PGE SPECIFICATIONS AND AS PER LOCAL CODES AND REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE PRIMARY POWER TO ELECTRICAL SERVICE PEDESTAL AND 120V POWER TO IRRIGATION CONTROLLER & STREET LIGHTS / BOLLARDS. WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC). THE ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND DETAILS TO CITY OF OROVILLE FOR APPROVAL PRIOR TO THE START OF WORK.
11. INSTALL (2) SEPARATE STREET LIGHT CIRCUITS AS SHOW FROM TESCO SERVICE PEDESTAL.
12. ALL STREET LIGHT CONDUCTORS SHALL BE #10 GAUGE.
13. A SPARE 1" ELECTRICAL CONDUIT SHALL BE RAN FROM THE TESCO PEDESTAL TO ALL STREET LIGHT PULL BOXES (LIGHTED BOLLARDS NOT INCLUDED)
14. ALL STREET LIGHT CONDUIT SWEEPS SHALL BE LARGE RADIUS ELECTRICAL.
15. ALL STREET LIGHTS AND ASSOCIATED EQUIPMENT AND MATERIALS SHALL COMPLY WITH THE CITY OF OROVILLE STANDARDS.

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BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D
1/14/15	1	MODIFICATION TO WATER PLANS PER TWSD COMMENTS	RLK	

FIELD BOOK
ELEVATION DATUM

DRAWN	RLK
DESIGNED	RLK
CHECKED	NAG
SCALE	N/A

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
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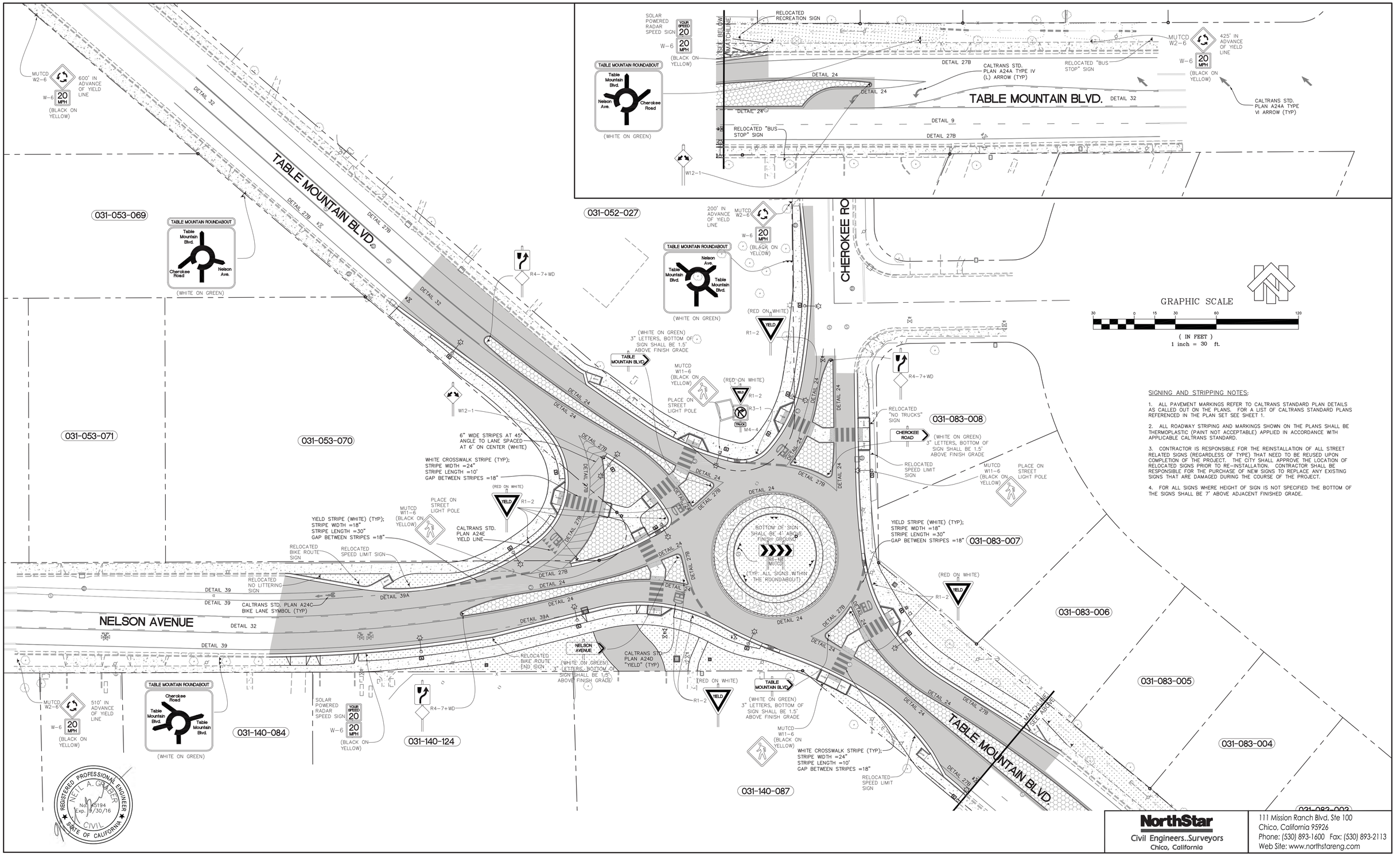
UNDERGROUND SHEET

TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 4 OF 15 SHEETS
FILE NO. 11-279



SIGNING AND STRIPPING NOTES:

1. ALL PAVEMENT MARKINGS REFER TO CALTRANS STANDARD PLAN DETAILS AS CALLED OUT ON THE PLANS. FOR A LIST OF CALTRANS STANDARD PLANS REFERENCED IN THE PLAN SET SEE SHEET 1.
2. ALL ROADWAY STRIPING AND MARKINGS SHOWN ON THE PLANS SHALL BE THERMOPLASTIC (PAINT NOT ACCEPTABLE) APPLIED IN ACCORDANCE WITH APPLICABLE CALTRANS STANDARD.
3. CONTRACTOR IS RESPONSIBLE FOR THE REINSTALLATION OF ALL STREET RELATED SIGNS (REGARDLESS OF TYPE) THAT NEED TO BE REUSED UPON COMPLETION OF THE PROJECT. THE CITY SHALL APPROVE THE LOCATION OF RELOCATED SIGNS PRIOR TO RE-INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PURCHASE OF NEW SIGNS TO REPLACE ANY EXISTING SIGNS THAT ARE DAMAGED DURING THE COURSE OF THE PROJECT.
4. FOR ALL SIGNS WHERE HEIGHT OF SIGN IS NOT SPECIFIED THE BOTTOM OF THE SIGNS SHALL BE 7' ABOVE ADJACENT FINISHED GRADE.

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CHECKED	NAG
SCALE	N/A

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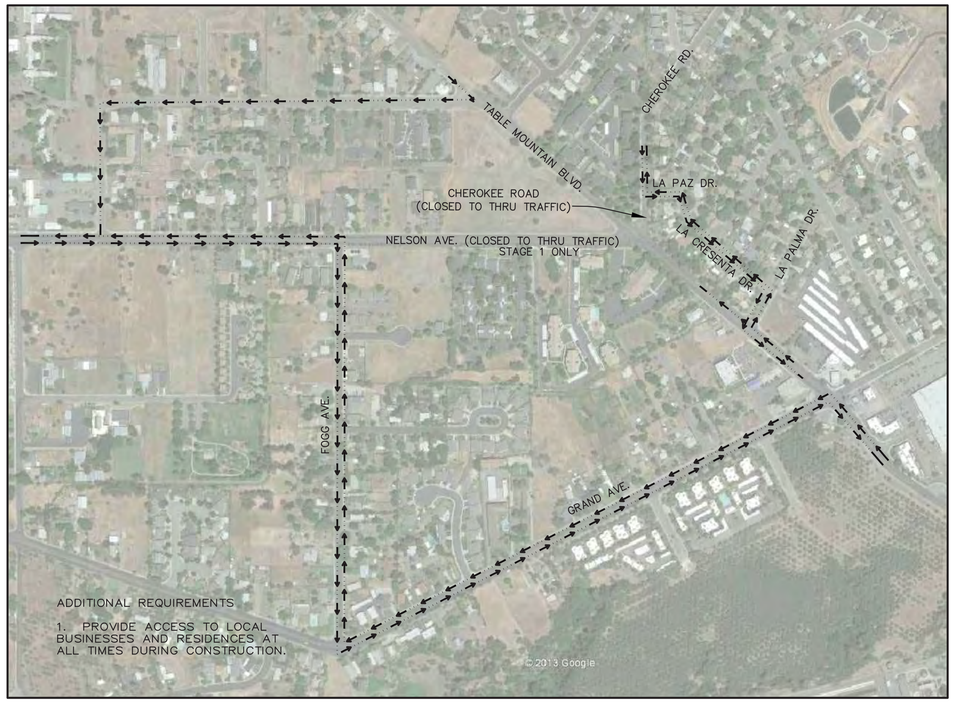
SIGNING, STRIPING AND LIGHTING SHEET

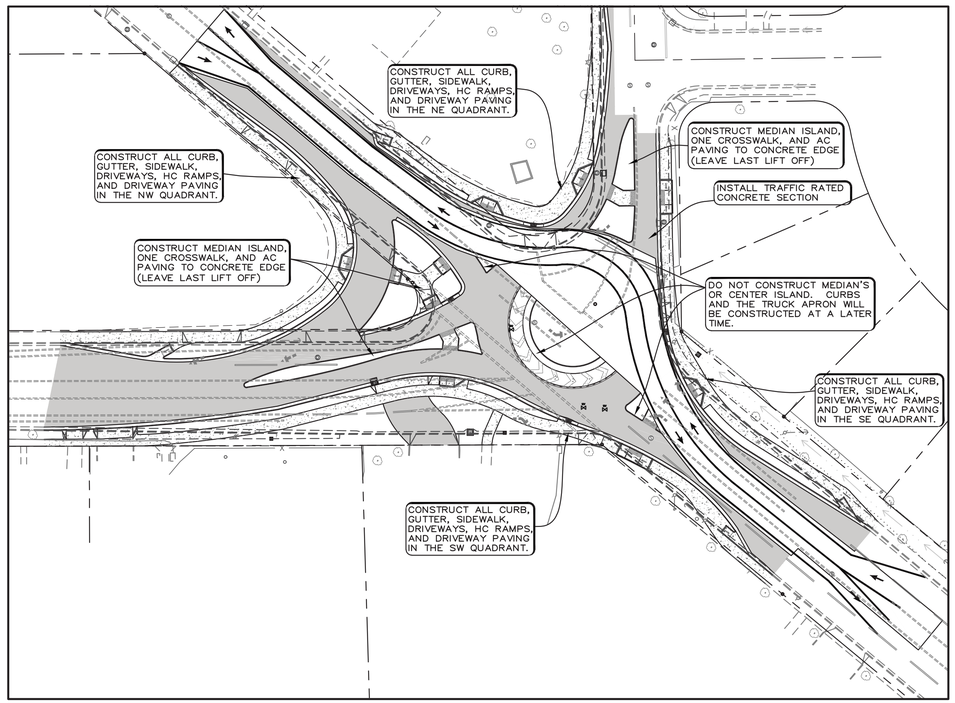
TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 5 OF 15 SHEETS
FILE NO. 11-279

AREA WIDE TRAFFIC DETOUR PLAN



STAGE 1 CONSTRUCTION



NOTE:
1. CONTRACTOR MAY PROPOSE ALTERNATIVE TRAFFIC STAGING SOLUTIONS AND OR MODIFICATIONS TO THE ONE SHOWN IN THESE PLANS. ANY CHANGES SHALL BE APPROVED BY THE CITY OF OROVILLE PRIOR TO CONSTRUCTION.

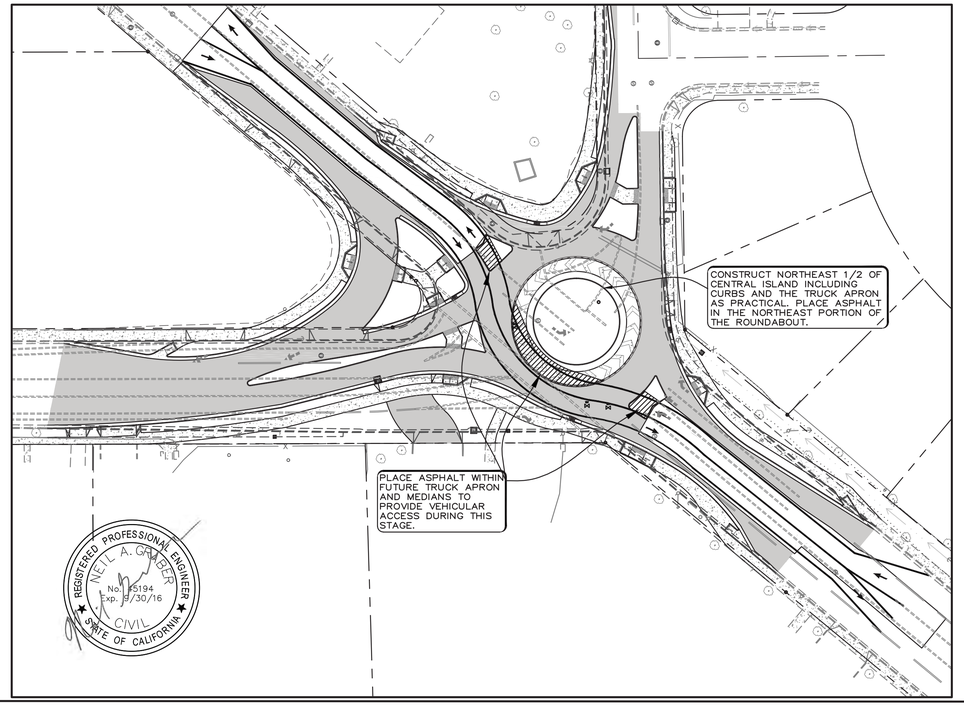
2. CONTRACTOR IS RESPONSIBLE FOR PUTTING TOGETHER A SCHEDULE OF EQUIPMENT AND PERSONNEL FOR DIVERTING AND CONTROLLING TRAFFIC. THIS WILL NEED CITY APPROVAL PRIOR TO CONSTRUCTION.

3. PRIOR TO RETURNING NORMAL TRAFFIC TO THE ROUNDABOUT ALL SIGNS, STRIPING, PEDESTRIAN RAILINGS, & LIGHTING SHALL BE COMPLETED.

4. THE FINAL PAVING LIFT SHALL BE COMPLETED PRIOR TO THE RETURN OF NORMAL TRAFFIC. FINAL PAVING SHALL TAKE PLACE AT NIGHT LEAVING 1 LANE OPEN AT ALL TIMES FOR FLAG MAN CONTROLLED TRAFFIC AND EMERGENCY VEHICLES.

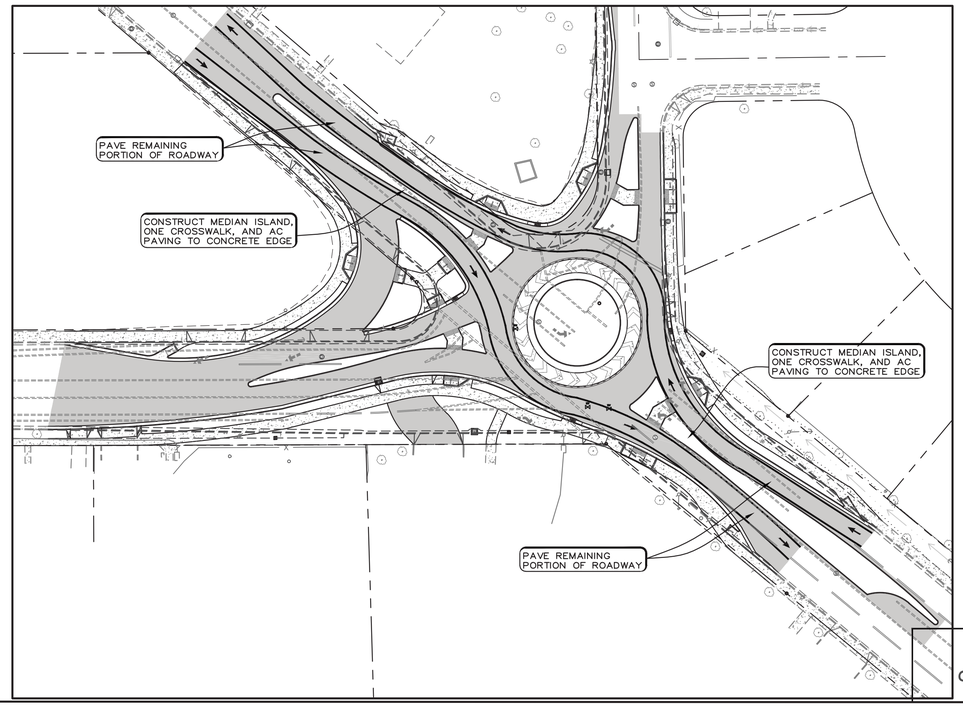
5. TYPE "K" RAILING SHALL BE USED TO CHANNELIZE NORTH AND SOUTH BOUND TRAFFIC ON TABLE MOUNTAIN BLVD.

STAGE 2 CONSTRUCTION



REGISTERED PROFESSIONAL ENGINEER
NEIL A. GALER
No. 55194
Exp. 9/30/16
CIVIL
STATE OF CALIFORNIA

STAGE 3 CONSTRUCTION



GRAPHIC SCALE
50 0 25 20 100 200
(IN FEET)
1 inch = 50 ft.

NorthStar
Civil Engineers..Surveyors
Chico, California
111 Mission Ranch Blvd. Ste 100
Chico, California 95926
Phone: (530) 893-1600 Fax: (530) 893-2113
Web Site: www.northstareng.com

BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN	RLK
DESIGNED	RLK
CHECKED	NAG
SCALE	N/A

APPROVED

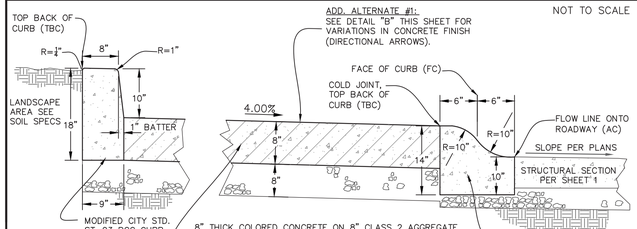
CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

STAGING AND TRAFIC CONTROL PLAN
TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 6 OF 15 SHEETS
FILE NO. 11-279

A TYPICAL TRUCK APRON DETAIL (CITY STD. ST-06 ROLLED CURB W/O GUTTER)

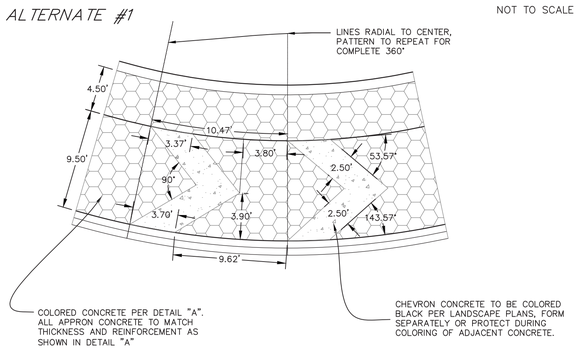
NOT TO SCALE



B TYPICAL CAST IN PLACE CONCRETE CHEVRONS (TRUCK APPRON)

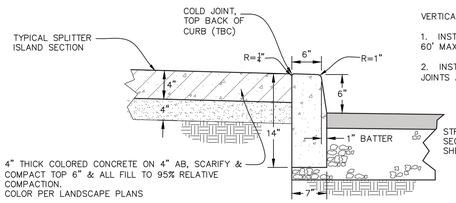
ADD. ALTERNATE #1

NOT TO SCALE



C TYPICAL SPLITTER ISLAND SECTION & MODIFIED ST-03 PCC CURB

NOT TO SCALE

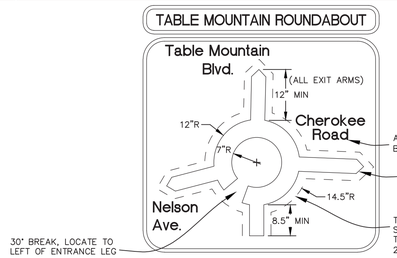


VERTICAL CURB NOTES:

1. INSTALL ½" WIDE EXPANSION JOINTS AT 60' MAX INTERVALS.
2. INSTALL 1" DEEP SCORED CONTROL JOINTS AT 10' MAX. INTERVALS.

D TYPICAL MAP-TYPE SIGN REQUIREMENTS

NOT TO SCALE

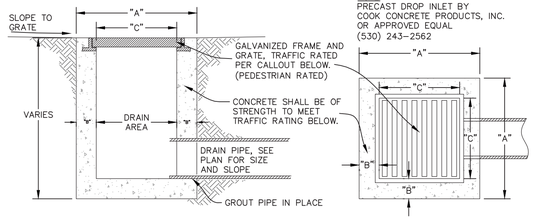


SIGN NOTES:

1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INCLUDING ALL DIMENSIONS OF LETTERING FOR ALL NONSTANDARD SIGNS PRIOR TO CONSTRUCTING THE SIGNS TO THE ENGINEER FOR APPROVAL.
2. ALL MATERIALS SHALL CONFORM TO CALTRANS STANDARDS AND MET THE REQUIREMENTS OF THE SPECIAL PROVISIONS.

E TYPICAL 18" AND 24" FLAT GRATE DRAINAGE INLET

NOT TO SCALE



NOTE
PRECAST DROP INLET BY COOK CONCRETE PRODUCTS, INC. OR APPROVED EQUAL (530) 243-2562

SECTION

PLAN

BOX "A"	WALL "B"	GRATE "C"	TRAFFIC RATING
26"	4"	18"	H20
36"	6"	24"	H20
48"	6"	36"	H20

(DESIGNATED PER GRATE SIZE ON PLAN)

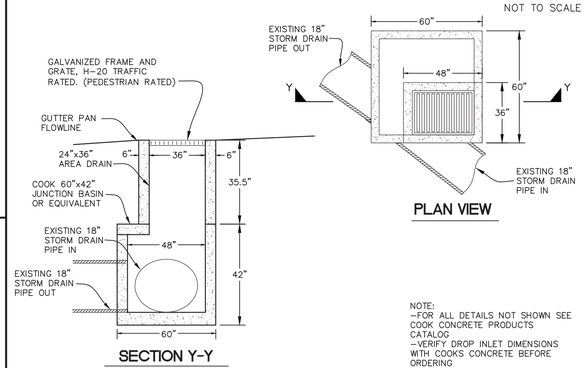
F

NOT TO SCALE

INTENTIONALLY LEFT BLANK

I MODIFIED 24"X36" AREA DRAIN

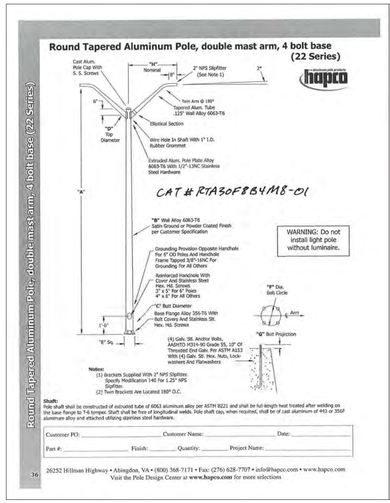
NOT TO SCALE

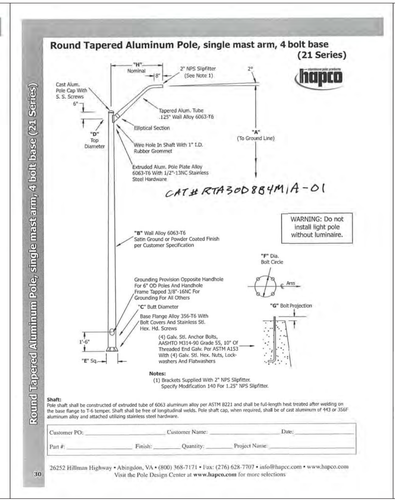


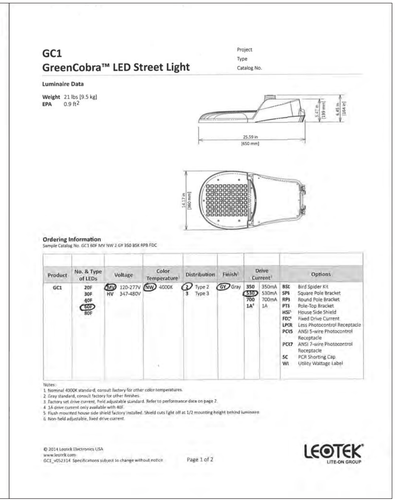
NOTE:
-FOR ALL DETAILS NOT SHOWN SEE COOK CONCRETE PRODUCTS CATALOG
-VERIFY DROP INLET DIMENSIONS WITH COOKS CONCRETE BEFORE ORDERING

G TYPICAL STREET LIGHT DETAILS

NOT TO SCALE

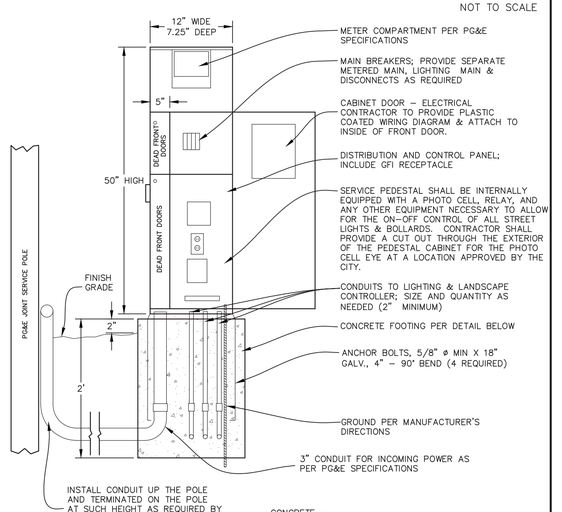


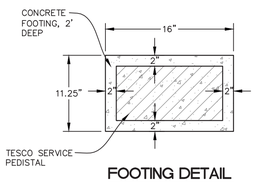




H TYPICAL TESCO ELECTRIC SERVICE PEDESTAL (MODEL 26-000)

NOT TO SCALE





CONSTRUCTION NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF OROVILLE IMPROVEMENT STANDARDS AND SPECIFICATIONS, AND APPLICABLE PORTIONS OF HTE 2006 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS. (APPROVAL OF CITY DIRECTOR OF PUBLIC WORKS OR THEIR AUTHORIZED REPRESENTATIVES IS REQUIRED.) CONTRACTOR SHALL HAVE SIGNED PLANS IN HIS POSSESSION PRIOR TO COMMENCEMENT OF WORK.

2. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICTS AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND FACILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT (800) 642–2444 AT LEAST 3 DAYS PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL REQUEST CONSTRUCTION STAKES FOR ANY PARTICULAR PHASE OF WORK AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL REQUEST A FORM OR GRADE STAKE PRIOR TO PLACING OF IMPROVEMENTS.

4. NORTHSTAR ENGINEERING ASSUMES NO RESPONSIBILITY FOR ANY WORK CONSTRUCTED IF STAKED BY OTHERS.

5. PRIOR TO ANY CORRECTIVE ACTION BY THE CONTRACTOR WHICH IS NECESSARY DUE TO STAKING ERRORS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR RE–STAKING AND VERIFICATION OF PREVIOUS STAKING. THE ENGINEER ASSUMES NO LIABILITY FOR THE COST INCURRED FOR THIS WORK.

6. CONTRACTOR TO BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

7. ALL PERMITS NECESSARY FOR THIS JOB ARE TO BE ACQUIRED BY THE CONTRACTOR.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ESTIMATES AND QUANTITIES.

9. TRENCH SHEETING, SHORING AND BRACING SHALL BE INSTALLED FOR ANY TRENCH OR BORING AND JACKING PIT FIVE FEET OR MORE IN DEPTH. SHORING SYSTEM SHALL CONFORM TO THE LATEST EDITION OF THE STATE DIVISION OF INDUSTRIAL SAFETY CONSTRUCTION SAFETY ORDERS. SECTIONS 1539–1542 PURSUANT TO STATE ASSEMBLY BILL NO. 150 DATED OCTOBER 2, 1973 AND CAL OSHA STANDARDS.

10. IF, DURING GROUND DISTURBING ACTIVITIES, ANY BONES, POTTERY FRAGMENTS OR OTHER POTENTIAL CULTURAL RESOURCES ARE ENCOUNTERED, ALL WORK SHALL CEASE WITHIN THE AREA OF THE FIND PENDING AN EXAMINATION OF THE SITE AND MATERIALS BY A PROFESSIONAL ARCHAEOLOGIST. THIS PERSON WILL ASSESS THE SIGNIFICANCE OF THE FIND AND PREPARE APPROPRIATE MITIGATION MEASURES FOR REVIEW BY THE PLANNING DIRECTOR. ALL MITIGATION MEASURES DETERMINED BY THE PLANNING DIRECTOR TO BE APPROPRIATE FOR THIS PROJECT SHALL BE IMPLEMENTED PURSUANT TO THE TERMS OF THE ARCHAEOLOGIST'S REPORT.

11. EXISTING FACILITIES IN CONFLICT WITH IMPROVEMENTS ARE TO BE RELOCATED OR ADJUSTED TO GRADE.

12. CITY OF OROVILLE APPROVAL OF PLANS DOES NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITY TO CORRECT ERRORS AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, ANY REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

13. LOCATIONS AND DEPTHS OF EXISTING UTILITIES (ON–SITE AND OFF–SITE) SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

14. ALL STORM DRAIN AND SANITARY SEWER WORK TO COMMENCE AT THE DOWNSTREAM END OF LINES.

NorthStar
Civil Engineers..Surveyors
Chico, California
111 Mission Ranch Blvd. Ste 100
Chico, California 95926
Phone: (530) 893-1600 Fax: (530) 893-2113
Web Site: www.northstareng.com

BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK

ELEVATION DATUM

DRAWN	RLK
DESIGNED	RLK
CHECKED	NAG
SCALE	N/A

APPROVED

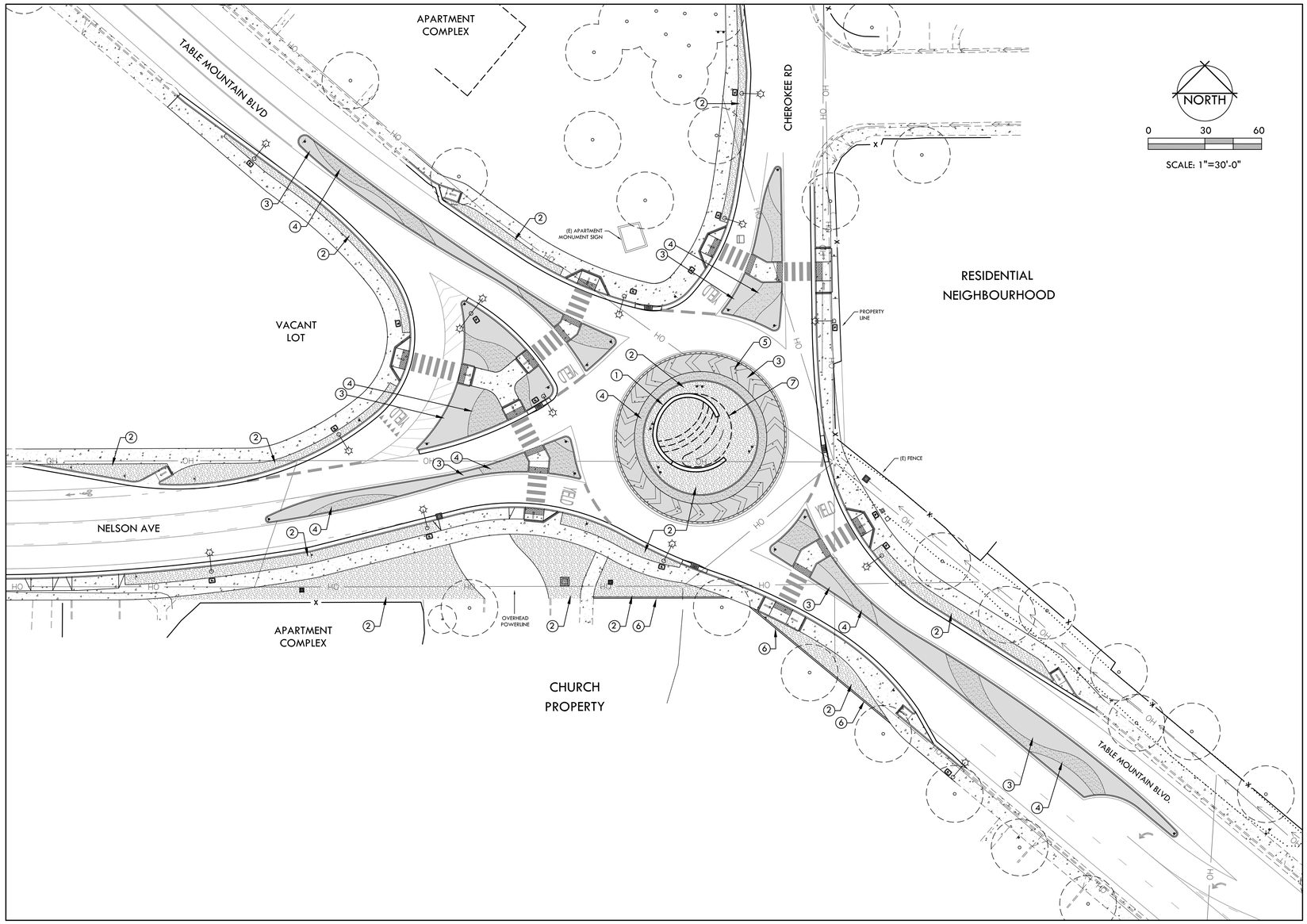
CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

CONSTRUCTION DETAILS SHEET

TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 7 OF 15 SHEETS

FILE NO. 11-279



PLAN LEGEND

	SYMBOL	NUMBER	DESCRIPTION	REMARKS	DETAIL/ SHEET
		①	DRYSTACK WALL	LOCAL FIELD STONE. 2' WIDE BLACK LICHEN WALL ROCK AS PROVIDED BY SUTHERLAND LANDSCAPE (530)-893-4531 OR APPROVED EQUAL. SEE DETAIL FOR ELEVATION.	6 / 10
		②	LANDSCAPE PLANTER BACKFILL	PLANTERS SHALL BE EXCAVATED THE FULL WIDTH, THE ENTIRE LENGTH AND A MINIMUM OF 12 IN. DEEP OR BELOW THE LEVEL OF IMPORTED STRUCTURAL FILL, WHICHEVER IS GREATER. SCARIFY BOTTOM OF PLANTER AND BACKFILL WITH TOP SOIL MIX PER DETAIL.	5/ 10
		③	COLORED CONCRETE	DAVIS INTEGRAL COLOR YOSEMITE BROWN 641	--
*		④	HAND SPRINKLED AGGREGATE ROCK VEIN PATTERN	AGGREGATE TO BE MIX OF 3/4" AND 1-1/2" SONOMA GOLD BULK ROCK FROM DEL-MAR RENTAL AND LANDSCAPE SUPPLY (530)534-7053	--
*		⑤	CHEVRON PATTERN COLORED CONCRETE	DAVIS INTEGRAL COLOR PADRE BROWN 61078	--
		⑥	CONCRETE MOW CURB	8" WIDE, 6" DEEP WITH REBAR LAMP BLACK COLOR TINT AND FINISH TO MATCH SIDEWALK	4/ 10
		⑦	SOIL MOUNDING AT ROUNDABOUT	IMPORT TOP SOIL. SLOPE VARIES. SEE DETAIL FOR GRADING.	SHEET 15

MISCELLANEOUS SYMBOLS

STANDARD CITY SIDEWALK
SEE ENGINEER'S PLAN

EXISTING TREE SYMBOL
RETAIN AND PROTECT
EXISTING TREES
SEE NOTES, THIS SHEET.

* ADD ALTERNATE BID ITEMS

CONSTRUCTION NOTES

1. CONFIRM ALL LOCATIONS OF EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND REPAIR OF DAMAGE TO ALL EXISTING UTILITIES. CALL ALL APPLICABLE AGENCIES AND USA, (800) 642-2444. THE LANDSCAPE ARCHITECT CANNOT BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THIS INFORMATION AND PROVISION OF TENTATIVE UTILITY LOCATION DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO CONTACT USA AND APPLICABLE AGENCIES FOR VERIFICATION.
2. CONTRACTOR SHALL OBSERVE ALL SAFETY REGULATIONS PERTAINING TO THIS PROJECT.
3. ANY CHANGES SHALL BE APPROVED BY THE CITY OF OROVILLE PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL CHALK LAYOUT OF CONCRETE MOW BANDS, AGGREGATE CONCRETE FINISH AND DRYSTACK WALL FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
5. REFER TO ENGINEER'S PLAN AND BOOK FORM SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REFER TO ENGINEER'S PLAN FOR ALL CONCRETE STRUCTURAL SECTIONS.

TREE PROTECTION NOTES

1. THE NATURAL GRADE AROUND THE DRIPLINE OF EXISTING TREES SHALL REMAIN UNDISTURBED DURING AND AFTER CONSTRUCTION. PREFERABLY, THE UNDISTURBED AREA SHALL BE AT DRIPLINE. THE DRIPLINE OF A TREE IS A PROJECTED RADIUS ON THE GROUND FORMED BY THE OUTERMOST EDGE OF THE TREE CANOPY.
2. WHERE GRADE CHANGES MUST OCCUR WITHIN THE DRIPLINE, THE CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE TREE ROOT ZONE AND PROTECT THE TREE FROM EXCESS FILL AND/OR THE REMOVAL OF EXCESS SOIL FROM THE ROOT ZONE.
3. PRIOR TO THE BEGINNING OF CONSTRUCTION, EXISTING TREES SHALL BE PRUNED TO REMOVE LIMBS WHICH MAY BE DEAD OR MAY BECOME DAMAGED DURING CONSTRUCTION. PRUNING SHALL BE PERFORMED CONSISTENT WITH ANSI A300 PRUNING STANDARDS.
4. UNDERGROUND FACILITIES AND TRENCHES, (e.g., UTILITY SERVICES, SANITARY SEWER, OR STORM DRAINAGE LINES) SHALL BE CONSOLIDATED, TO THE EXTENT FEASIBLE, AND LOCATED TO MINIMIZE IMPACTS UPON TREE ROOT SYSTEMS. ANY TRENCHING OR UNDERGROUND WORK SHOULD BE LOCATED OUTSIDE OF THE TREE DRIPLINE. ANY TRENCHING REQUIRED WITHIN THE TREE DRIPLINE SHALL BE AS FAR FROM THE TREE TRUNK AS POSSIBLE AND SHALL BE EXCAVATED BY HAND TO MINIMIZE IMPACT ON ROOTS. ALL TRENCHING WITHIN THE DRIPLINE SHALL BE SUPERVISED BY A CERTIFIED ARBORIST.
5. ROOTS 3/4 IN. OR GREATER IN SIZE ENCOUNTERED DURING TRENCHING SHALL BE CLEANLY CUT AND TREATED WITH A SEALING AGENT TO REDUCE LOSS OF MOISTURE TO THE TREE. ROOTS GREATER THAN 1-1/2 IN. SHALL BE PRESERVED AND PROTECTED AT THE DIRECTION OF A CERTIFIED ARBORIST.
6. CONSTRUCTION VEHICLES, EQUIPMENT, OR MATERIALS SHALL NOT BE PARKED OR STORED WITHIN THE TREE DRIPLINE. NO STAGING OR STORAGE AREA FOR CONSTRUCTION SHALL BE LOCATED CLOSER THAN 50 FEET TO THE DRIPLINE OF ANY TREE TO BE PROTECTED.
7. ALL CONSTRUCTION WASTES, INCLUDING BUT NOT LIMITED TO BUILDING MATERIAL DEBRIS, CLEANING OF CEMENT TRUCKS, CHEMICALS/ADHESIVES/SOLVENTS, ECT., SHALL BE STORED OR DISPOSED OF NO CLOSER THAN 50 FEET FROM ANY TREE DRIPLINE.

REGISTERED LANDSCAPE ARCHITECT
GREG MELTON #4264
EXP. 11-15
STATE OF CALIFORNIA

UNDERGROUND SERVICE ALERT
of Northern California
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 05/26/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE 1"=30'

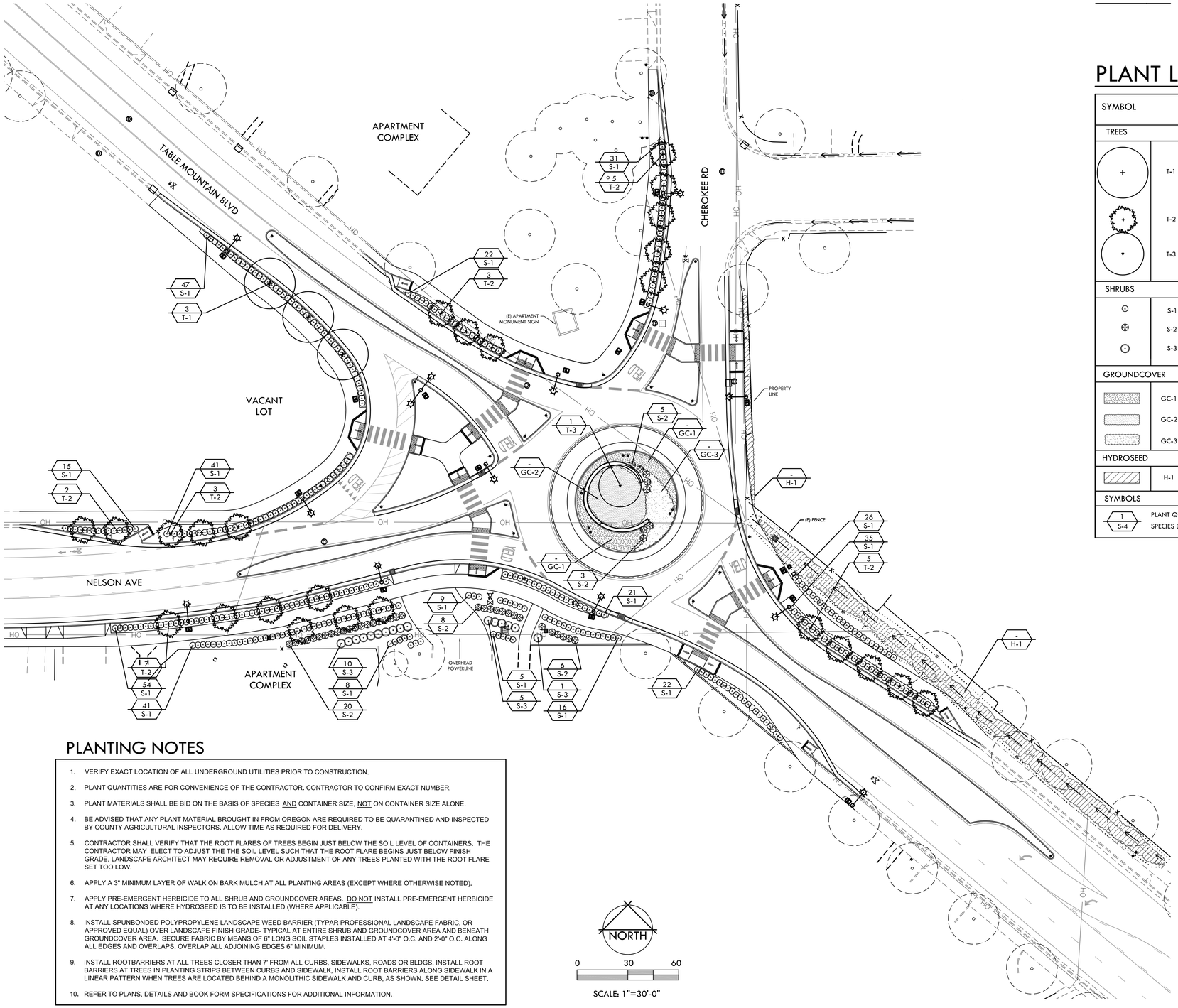
APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

LANDSCAPE CONSTRUCTION PLAN

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 8 OF SHEETS
FILE NO.



PLANT LIST

SYMBOL		LATIN NAME/ COMMON NAME	CONTAINER SIZE	QTY	REMARKS	WATER USE	DETAIL/ SHEET
TREES							
+	T-1	PLATANUS X ACERIFOLIA YARWOOD SYCAMORE	15 GAL	3	STANDARD	MEDIUM	
+	T-2	LAGERSTROEMIA INDICA X FAURIEI 'TUSCARORA' TUSCARORA CRAPE MYRTLE	15 GAL	25	MULTI-TRUNK	LOW	
+	T-3	OLEA EUROPAEA 'SWANHILL' SWANHILL OLIVE TREE	36" BOX	1	MULTI-TRUNK	LOW	
SHRUBS							
⊙	S-1	RHAPHIOLEPIS INDICA 'BALLERINA' BALLERINA INDIAN HANTHORNE	1 GAL	394		LOW	
⊗	S-2	BERBERUS THUNBERGII 'ATROBURPUREA' RED LEAF JAPANESE BARBERRY	5 GAL	42		MEDIUM	
⊙	S-3	OLEA EUROPAEA 'MONTRA' LITTLE OLLIE DWARF OLIVE	5 GAL	16		LOW	
GROUNDCOVER							
	GC-1	JUNIPERUS COMMUNIS VAR. MONTANA (VAR.JACKII) MOUNTAIN JUNIPER	1 GAL	PER AREA	36" O.C.	LOW	
	GC-2	COTONEASTER DAMMERI 'EICHHOLZ' EICHOLZ COTONEASTER	1 GAL	PER AREA	36" O.C.	MED	
	GC-3	LAVANDULA ANGUSTIFOLIA "HIDCOTE SUPERIOR' HIDCOTE SUPERIOR LAVANDER	1 GAL	PER AREA	18" O.C.	LOW	
HYDROSEED							
	H-1	HYDROSEED - SEE NOTES, THIS SHEET.		PER AREA			
SYMBOLS							
1 S-4		PLANT QUANTITY SPECIES DESIGNATION					

HYDROSEED NOTES

HYDROMULCH NON-IRRIGATED, NATIVE EROSION CONTROL AND CALIFORNIA NATIVE WILDFLOWER MIX, BOTH AVAILABLE FROM PACIFIC COAST SEED (925) 373-4417.

#/ AC. SPECIES/COMMON NAME
25 BROMUS CARINATUS, CALIFORNIA BROME
10 ELYMUS GLAUCUS, BLUE WILDRYE
6 VULPIA MICROSTACHYS, SMALL FESCUE
4 TRIFOLIUM OBTUSIFLORUM , CLAMMY CLOVER
8 CALIFORNIA NATIVE WILDFLOWER MIX

HYDROMULCH SHALL BE APPLIED WITH MECHANICAL HYDRAULIC MULCHER. HYDROMULCH APPLICATION SHALL CONTAIN THE PROPER PROPORTIONS OF WATER TO FORM SLURRY MIXTURE. SLURRY MIXTURE INGREDIENTS SHALL BE CONTINUOUSLY MIXED TO FORM A COMPLETELY HOMOGENEOUS SLURRY. SLURRY MIXTURE SHALL BE APPLIED UNIFORMLY OVER THE PREPARED GRADES.

- SEED AT 53 LBS/ACRE - SEE ABOVE
- WOOD CELLULOSE FIBER MULCH AT SIXTY (60) POUNDS PER 1,000 SQUARE FEET
- BINDER AT RATE 2 POUNDS PER 1,000 SQUARE FEET
- HYDROMULCH FERTILIZER- BIOSOL MIX AT A RATE OF 30 POUNDS PER 1,000 SQUARE FEET
- MYCORRHIZAL INOCULANT AT A RATE OF 1-1/2 POUNDS PER 1,000 SQUARE FEET

PLANTING NOTES

1. VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. PLANT QUANTITIES ARE FOR CONVENIENCE OF THE CONTRACTOR. CONTRACTOR TO CONFIRM EXACT NUMBER.
3. PLANT MATERIALS SHALL BE BID ON THE BASIS OF SPECIES AND CONTAINER SIZE, NOT ON CONTAINER SIZE ALONE.
4. BE ADVISED THAT ANY PLANT MATERIAL BROUGHT IN FROM OREGON ARE REQUIRED TO BE QUARANTINED AND INSPECTED BY COUNTY AGRICULTURAL INSPECTORS. ALLOW TIME AS REQUIRED FOR DELIVERY.
5. CONTRACTOR SHALL VERIFY THAT THE ROOT FLARES OF TREES BEGIN JUST BELOW THE SOIL LEVEL OF CONTAINERS. THE CONTRACTOR MAY ELECT TO ADJUST THE THE SOIL LEVEL SUCH THAT THE ROOT FLARE BEGINS JUST BELOW FINISH GRADE. LANDSCAPE ARCHITECT MAY REQUIRE REMOVAL OR ADJUSTMENT OF ANY TREES PLANTED WITH THE ROOT FLARE SET TOO LOW.
6. APPLY A 3" MINIMUM LAYER OF WALK ON BARK MULCH AT ALL PLANTING AREAS (EXCEPT WHERE OTHERWISE NOTED).
7. APPLY PRE-EMERGENT HERBICIDE TO ALL SHRUB AND GROUNDCOVER AREAS. DO NOT INSTALL PRE-EMERGENT HERBICIDE AT ANY LOCATIONS WHERE HYDROSEED IS TO BE INSTALLED (WHERE APPLICABLE).
8. INSTALL SPUNBONDED POLYPROPYLENE LANDSCAPE WEED BARRIER (TYPAR PROFESSIONAL LANDSCAPE FABRIC, OR APPROVED EQUAL) OVER LANDSCAPE FINISH GRADE- TYPICAL AT ENTIRE SHRUB AND GROUNDCOVER AREA AND BENEATH GROUNDCOVER AREA. SECURE FABRIC BY MEANS OF 6" LONG SOIL STAPLES INSTALLED AT 4'-0" O.C. AND 2'-0" O.C. ALONG ALL EDGES AND OVERLAPS. OVERLAP ALL ADJOINING EDGES 6" MINIMUM.
9. INSTALL ROOTBARRIERS AT ALL TREES CLOSER THAN 7' FROM ALL CURBS, SIDEWALKS, ROADS OR BLDGS. INSTALL ROOT BARRIERS AT TREES IN PLANTING STRIPS BETWEEN CURBS AND SIDEWALK, INSTALL ROOT BARRIERS ALONG SIDEWALK IN A LINEAR PATTERN WHEN TREES ARE LOCATED BEHIND A MONOLITHIC SIDEWALK AND CURB, AS SHOWN. SEE DETAIL SHEET.
10. REFER TO PLANS, DETAILS AND BOOK FORM SPECIFICATIONS FOR ADDITIONAL INFORMATION.

REGISTERED LANDSCAPE ARCHITECT GREG MELTON #4241 EXP. 11-15 STATE OF CALIFORNIA

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309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 05/20/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE 1"=30'

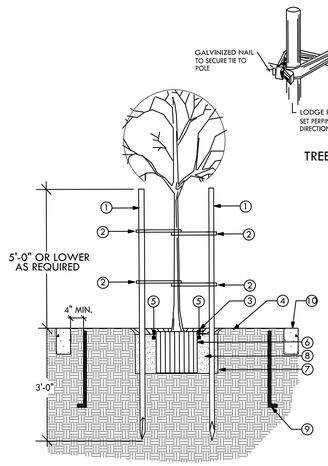
APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

PLANTING PLAN

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 9 OF SHEETS
FILE NO.



① (2) 2"x 8' LODGEPOLE STAKE. PLACE STAKES PERPENDICULAR TO PREVAILING WINDS. CUT OFF BELOW LOWEST LIMB.

② 32" CINCH TIE TREE TIES AT (2) PLACES

③ MULCH IN SHRUB AND GROUND-COVER AREAS (WHERE APPLICABLE). REFER TO SPECIFICATIONS

④ WATER RETENTION BERM REMOVE BEFORE INSTALLATION OF SOD (WHERE APPLICABLE).

⑤ FERTILIZER TABLETS, AS PER SPECIFICATIONS

⑥ ROOT BALL, SET CROWN 1" ABOVE FINISH GRADE

⑦ PLANT PIT SHALL BE TWICE THE DIAMETER OF ROOTBALL

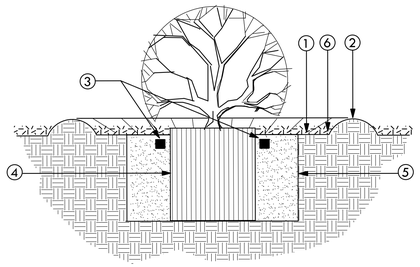
⑧ BACKFILL PLANTER SOIL SEE SPECIFICATIONS

⑨ ROOT BARRIER BY DEEP ROOT (415) 781-9700 OR APPROVED EQUAL. UB 24-2 (SURROUND). INSTALL AS PER MANUFACTURER'S SPECIFICETIONS.

⑩ SIDEWALK

NOTES:
1. INSTALL ROOT BARRIERS AT ALL TREES CLOSER THAN 7' FROM ALL CURBS, SIDEWALKS, ROADS OR BLDG. INSTALL 4" BELOW ADJACENT STREET STRUCTURAL SECTION.
2. WATER IMMEDIATELY AFTER PLANTING, MAINTAIN TREE UNTIL ACCEPTED BY INSPECTOR.
3. MANUALLY SEPARATE ROOTS IN ROOTBALL AND DIRECT THEM OUTWARD AND DOWN TO PREVENT GIRDLING OF ROOTS.
4. SEE DETAIL 8, SHEET 12 FOR IRRIGATION.

1 | TREE PLANTING



① FIR BARK MULCH, AS PER SPECIFICATIONS

② WATER RETENTION BERM, PROVIDE POSITIVE DRAINAGE AWAY FROM ROOTBALL

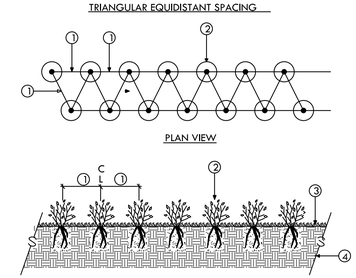
③ FERTILIZER TABLETS, AS PER SPECIFICATIONS

④ ROOT BALL, SET CROWN 1" ABOVE GRADE

⑤ PLANTING PIT TO BE TWICE THE DIAMETER OF ROOTBALL. REFER TO SPECIFICATIONS FOR BACKFILL MIX

⑥ FINISH GROUND COVER GRADE

2 | SHRUB PLANTING



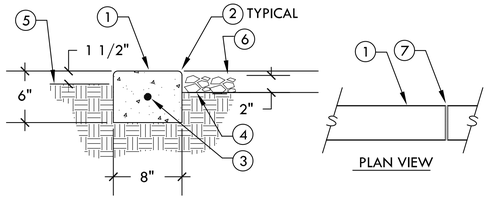
① EQUAL SPACING BETWEEN PLANTINGS. NOTE: SEE PLANS FOR SPACING DETAILS

② GROUND COVER

③ FINISH SURFACE W/ 2" OF TOP DRESSING OF MULCH. SEE SPECS.

④ 6" DEPTH AMENDED SOIL, SEE SPECIFICATIONS FOR SOIL PREPARATION.

3 | GROUNDCOVER PLANTING



① CONCRETE MOW STRIP, LIGHT BROOM FINISH ALONG LENGTH OF CURB

② 1/4" RADIUS TOOLED EDGE

③ (1) #4 REBAR, CONTINUOUS

④ FINISH GRADE IN SHRUB AND GROUNDCOVER

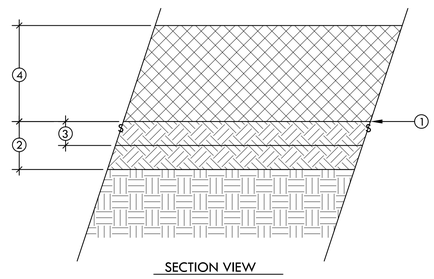
⑤ FINISH GRADE IN TURF

⑥ MULCH - 2" DEPTH

⑦ 1/2" FELT EXPANSION JOINT

NOTE:
1. PROVIDE 1/2" EXPANSION JOINT AT CHANGE IN DIRECTION OR 20' O.C. MAX.

4 | MOW CURB



① EXISTING GRADE

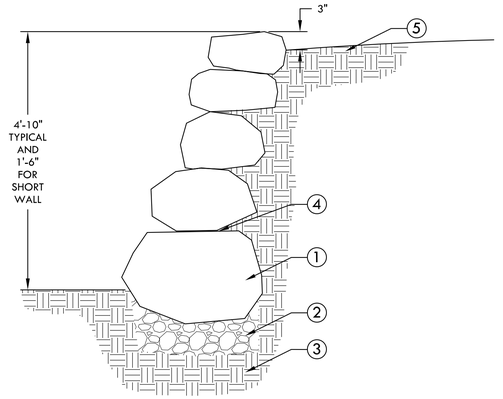
② RIP EXISTING SOIL 12" DEPTH

③ 6" TRANSITION ZONE - TILL IMPORT TOP SOIL 6" INTO EXISTING SOIL PERFORM ANYTIME IMPORT SOIL IS PLACED OVER EXISTING SOIL

④ REMAINING IMPORT TOP SOIL. PLACE TO MAKE GRADE PER PLAN.

NOTES:
1. REVIEW CIVIL'S GRADING PLAN FOR ELEVATIONS.
2. ROLL AND WATER-IN SOIL TO ELIMINATE ANY POCKETS.
3. SEE BOOK FORM SPECIFICATIONS FOR MORE INFORMATION.

5 | IMPORT TOP SOIL



① LOCAL MOSS COVERED FIELD STONE. 2' TO 3' WIDE BASE BOULDER. SET 1/3 OF BOULDER BELOW GRADE. DECREASE SIZE TO FINISH WITH 12" BOULDER AT TOP OF WALL. SUBMIT SAMPLE OF BOULDERS TO LANDSCAPE FOR APPROVAL PRIOR TO INSTALLATION.

② 6" LAYER OF CLASS 2 AGGREGATE BASE. COMPACT TO 95% RELATIVE DENSITY (R.D.)

③ SUBGRADE, COMPACT TO 95% (R.D.)

④ MORTAR IN PLACE. RAKE MORTAR BACK TO WHERE BOULDERS MEET.

⑤ BACKFILL LANDSCAPE SOIL. COMPACT TO 85% (R.D.)

6 | DRY STACK ROCK WALL
SCALE: 1" = 1'-0"

REGISTERED LANDSCAPE ARCHITECT
GREGG MELTON #4231
SIGNATURE
EXP. 11-13
DATE
STATE OF CALIFORNIA

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 08/16/2013

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE NTS

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
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LANDSCAPE DETAIL SHEET

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 10 OF SHEETS
FILE NO.

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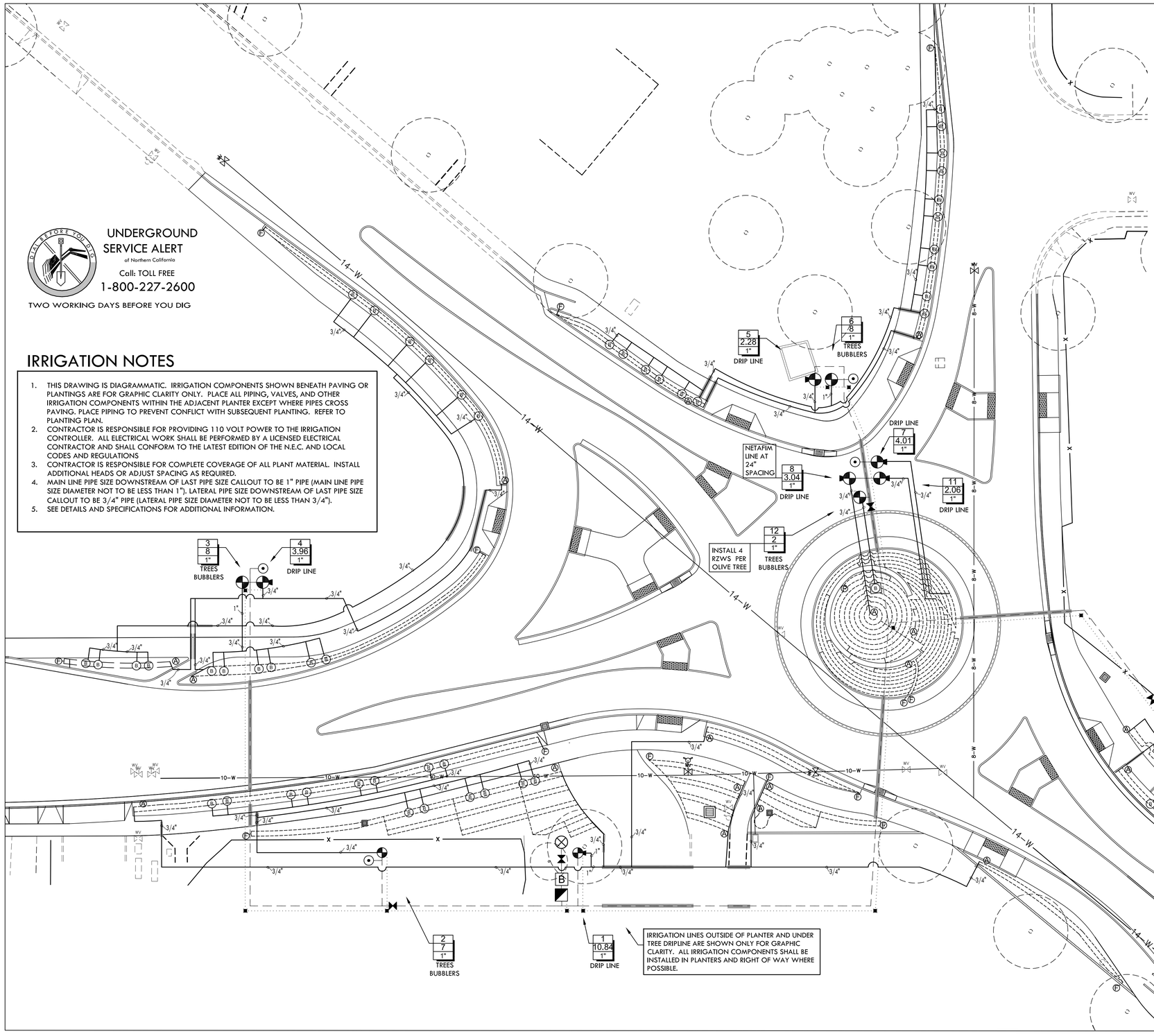
IRRIGATION NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IRRIGATION COMPONENTS SHOWN BENEATH PAVING OR PLANTINGS ARE FOR GRAPHIC CLARITY ONLY. PLACE ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS WITHIN THE ADJACENT PLANTER EXCEPT WHERE PIPES CROSS PAVING. PLACE PIPING TO PREVENT CONFLICT WITH SUBSEQUENT PLANTING. REFER TO PLANTING PLAN.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING 110 VOLT POWER TO THE IRRIGATION CONTROLLER. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE N.E.C. AND LOCAL CODES AND REGULATIONS
3. CONTRACTOR IS RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANT MATERIAL. INSTALL ADDITIONAL HEADS OR ADJUST SPACING AS REQUIRED.
4. MAIN LINE PIPE SIZE DOWNSTREAM OF LAST PIPE SIZE CALLOUT TO BE 1" PIPE (MAIN LINE PIPE SIZE DIAMETER NOT TO BE LESS THAN 1"). LATERAL PIPE SIZE DOWNSTREAM OF LAST PIPE SIZE CALLOUT TO BE 3/4" PIPE (LATERAL PIPE SIZE DIAMETER NOT TO BE LESS THAN 3/4").
5. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.



IRRIGATION LEGEND

SYM.	MFG'R	DESCRIPTION	MODEL	REMARKS	DETAILS
⊗		POINT OF CONNECTION	--	DEDICATED LANDSCAPE METER; CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CONNECTION TO NEW WATER METER AS PER THERMALITO WATER & SEWER DISTRICT (TWSD) SPECIFICATIONS. THE CONTRACTOR SHALL CHECK AND VERIFY SITE WATER SERVICES INCLUDING STATIC PRESSURE, PRIOR TO START OF CONSTRUCTION AND SHALL SUBMIT DOCUMENTATION OF EXISTING CONDITIONS TO THE LANDSCAPE ARCHITECT.	--
B	WILKINS	2" BACKFLOW PREVENTER	975XL	INSTALL IN STRONG BOX SBBC-30AL ENCLOSURE WITH INSULATED BACKFLOW BLANKET. LOCATE IN SHRUB BED. INSTALL T. CHRISTY BACKFLOW PREVENTER HISTORY TAG MODEL ID-BFHT-1. CONTRACTOR SHALL HAVE BACKFLOW LOCATION APPROVED BY CITY OF OROVILLE AND LANDSCAPE ARCHITECT PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE TO CERTIFY BACKFLOW PREVENTER WITHIN SEVEN (7) DAYS OF INSTALLATION BY AN APPROVED AWWA BACKFLOW PREVENTER ASSEMBLY TESTER.	1/12
A	HUNTER	I-CORE IRRIGATION CONTROLLER AND ROAM REMOTE	IC-600-SS ICM-600 PED-SS ROAM-KIT	CONTROLLER PRE-ASSEMBLED IN TOP ENTRY STAINLESS STEEL ENCLOSURE WITH BUILT IN SOLAR SYNC, PROGRAMMABLE RAIN DELAY AND ROAM REMOTE CONTROL. CONTRACTOR SHALL BE RESPONSIBLE TO FLAG CONTROLLER LOCATION FOR APPROVAL BY CITY OF OROVILLE AND LANDSCAPE ARCHITECT PRIOR TO START OF CONSTRUCTION. INSTALL PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE 110V POWER TO IRRIGATION CONTROLLER. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE N.E.C. AND STATE AND LOCAL CODES AND REGULATIONS. INSTALL 1" PVC SCHEDULE 40 CONDUIT WITH NYLON PULL TAPE FROM CONTROLLER TO NEAREST ATT SERVICE RISER. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH PGE, ATT OTHER TRADES AS NEEDED.	4/12
F	HUNTER	MASTER VALVE (NORMALY OPENED)	ICV-200	NORMALLY OPENED MASTER VALVE AND FLOW SENSOR ASSEMBLY. INSTALL AS PER DETAIL AND MANUFACTURER'S SPECIFICATIONS. INSTALL NON-POTABLE IDENTIFICATION TAGS TO MASTER VALVE AND FLOW SENSOR; T. CHRISTY MODEL ID-MAX-Y1-NP011 USIN NYLON CABLE TYPE. INSTALL AS PER DETAIL AND MANUFACTURER'S SPECIFICATIONS.	2/12
		FLOW SENSOR	ICV-200		
⊙	RAINBIRD	QUICK COUPLER VALVE	44LRC	1" WITH LOCKING RUBBER COVER; INSTALL AS PER PLAN AND DETAILS. PROVIDE TWO (2) 44K KEYS, TWO (2) SH-1 HOSE SWIVELS AND TWO (2) RAIN BIRD LOCKING COVER KEYS, MODEL 2049 TO OWNER	3/12
	HUNTER	REMOTE CONTROL VALVE	ICV	SIZE AS SHOWN; INSTALL AS PER PLAN AND DETAILS.	6/12
	HUNTER	REMOTE CONTROL DRIP ZONE	ICZ	SIZE AS SHOWN. ADJUST LOCATION IN VALVE BOX SO FILTER CAN BE SERVICED. INSTALL PER PLAN AND DETAILS.	7/13
	NIBCO	BALL VALVE F51TB-V2 FLG TUBV FKM CPVC MOD-D	M8931AD	SIZE PER PIPE SIZE; LOCATION PER PLAN. INSTALL ON SUBMAINS TO ISOLATE VALVE BANKS.	7/12
— —		PRESSURE MAINLINE		2" AND SMALLER; INSTALL 3" DETECTABLE TAPE ALONG THE MAIN LINE LENGTH AND BRANCHES TWELVE (12) INCHES BELOW FINISHED GRADE, T. CHRISTY MODEL TA-DT-03-BI OR APPROVED EQUAL	1, 2/13
·····■		ELECTRICAL CONDUIT/ PULL BOX		PVC SCHEDULE 40 CONDUIT. SIZE PER PLAN. INSTALL REMOTE CONTROL VALVE WIRES IN CONDUIT AS PER PLAN. INSTALL MASTER VALVE WIRES AND FLOW SENSOR CABLE IN SEPARATE 1-1/2" CONDUIT FROM MASTER VALVE/FLOW SENSOR ASSEMBLY TO SATELLITE CONTROLLER. INSTALL ELECTRICAL PULL BOX AT 150' INTERVALS OR AT EVERY FOURTH (4) CONDUIT BEND AS NEEDED. INSTALL CONDUIT COUPLERS ON CONDUIT OR FILE CONDUIT CUT ENDS WHEN DIREFCT CONTACT WITH WIRES OR CABLE INSTALL NYLON PULL TAPE IN ALL CONDUIT.	1, 2/13
———		NO-PRESSURE LATERAL PIPE		PVC SCHEDULE 40	1, 2, 8/13
▬▬		IRRIGATION SLEEVE		6" AND SMALLER - PVC SCHEDULE 40 PIPE. CONTRACTOR IS RESPONSIBLE TO COORDINATE SLEEVING WITH PAVING AND CONCRETE WORK. CONTRACTOR TO SIZE SLEEVE SO THERE IS 25% VOID SPACE.	1, 8/13
--------	NETAFIM	TECHLINE CV	TLCV6-18	0.6GPH PER EMITTER AT 18" SPACING. INSTALL DRIP PLINE ON SURFACE AT 18" INTERVALS BETWEEN ROWS, UNLESS NOTED DIFFERENT ON PLAN. STAKE TUBING AT 5' INTERVALS USING 9" GALVANIZED PINS. BLOCK OR PLUG EMITTERS WHEN IN BETWEEN SHRUBS.	4, 5, 6 /13
Ⓐ	NETAFIM	AIR RELIEF VALVE	TLAVRV	1/2" THREADED AIR/VACUUM RELIEF VALVE; INSTALL AT HIGH POINT OF SYSTEM AS PER MANUFACTURER'S SPECIFICATIONS AND AS SHOWN IN DETAIL	5/13
Ⓕ	NETAFIM	FLUSH VALVE	TL050MFV-1	½" MPT INLET. INSTALL AS SHOWN AND PER MANUFACTURER'S SPECIFICATIONS.	6/13
Ⓑ	HUNTER	ROOT ZONE WATERING SYSTEM	RZWS-18-50	RZWS-36-50 FOR SYCAMORE TREES.	8/12

1 / 17.6 / 1" — CONTROLLER/STATION # · FLOW IN GALLONS PER MINUTE · VALVE SIZE

NORTH
0 20 40

REGISTERED LANDSCAPE ARCHITECT
GREG MELTON #4231
SIGNATURE
EXP. 11-15
DATE
STATE OF CALIFORNIA

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 05/26/15

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FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE 1"=20'

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

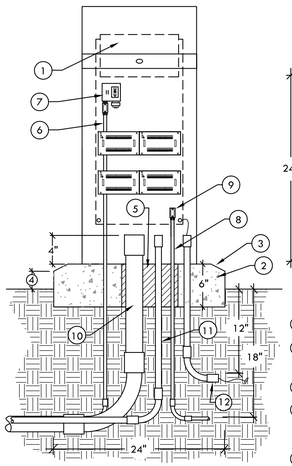
IRRIGATION PLAN

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

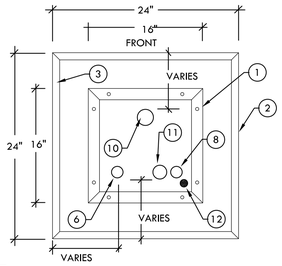
SHEET 11 OF SHEETS
FILE NO.

CONTROLLER

FRONT ELEVATION VIEW



PLAN VIEW

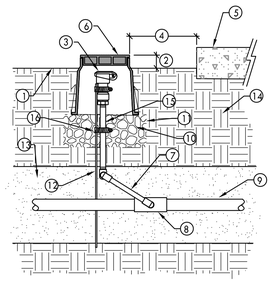


1. STAND-ALONE CONTROLLER WITH STAINLESS STEEL TOP ENTRY ENCLOSURE; MODEL PER PLANS AND SPECIFICATIONS
2. POURED CONCRETE BASE; 6" MINIMUM THICKNESS, EXTEND CONCRETE 4" BEYOND OUTSIDE DIMENSIONS OF ENCLOSURE WITH 1/2% SLOPE FOR DRAINAGE.
7. POWER SWITCH/GFI RECEPTACLE
8. 1" PVC SCHEDULE 40 CONDUIT WITH NYLON PULL TAPE TO ATT SERVICE RISER FOR FUTURE TELEPHONE SERVICE
9. JUNCTION BOX
10. PVC SCHEDULE 40 CONDUIT FOR CONTROL WIRES; SIZE AS REQUIRED, 3" MINIMUM TO 18" BEYOND CONTROLLER PAD THEN SIZE PER PLAN.
11. 1-1/2" PVC SCHEDULE 40 CONDUIT FOR MASTER VALVE WIRE AND FLOW SENSOR CABLE
12. 1-1/2" PVC CONDUIT WITH #6 AWG SOLID BARE COPPER WIRE TO EARTH GROUND
3. 1" CHAMFER
4. 2-1/2" FROM TOP OF SLAB TO FINISH GRADE
5. FILL VOIDS WITH CONCRETE (TYPICAL)
6. 1" METAL CONDUIT FOR 120 VAC FROM METERED POWER SUPPLY

SCALE: NTS

QUICK COUPLER VALVE

SECTION VIEW

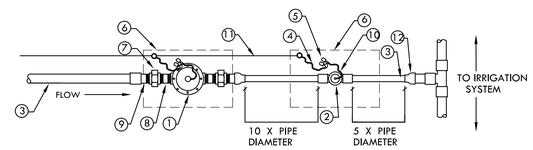


1. FINISH GRADE
2. SET TOP OF BOX ABOVE FINISH GRADE:
   1/2" IN SEED
   1-1/2" IN SOD
   3-1/2" IN PLANTER OR DECOMPOSED GRANITE
3. QUICK COUPLING VALVE WITH LOCKING RUBBER COVER; INSTALL SO QUICK COUPLER KEY CLEARS VALVE BOX.
4. DISTANCE VARIES; SEE IRRIGATION PLANS AND SPECIFICATIONS
5. CURB, HEADER OR PAVING WHERE APPLICABLE
6. 10" DIAMETER PLASTIC VALVE BOX WITH BOLT DOWN LOC KIT. HEAT BRANDED 'QCV' ON TOP
7. MANUFACTURED TRIPLE SWING JOINT, KBI MODEL TSA-1000-TT OR APPROVED EQUAL
8. PVC SCHEDULE 80 TEE
9. PVC CLASS 315 OR SCHEDULE 40 MAINLINE; SIZE PER PLAN
10. 3/4" CRUSHED ROCK, 6" MINIMUM DEPTH
11. 1/4" GALVANIZED WIRE CLOTH
12. #8 (1" DIA.) X 30" REBAR; SECURE TO QUICK COUPLER VALVE WITH STAINLESS STEEL HOSE CLAMPS AND SCREWS (TYP. 2 PLCS.)
13. SAND BACKFILL; 6" ABOVE AND BELOW MAIN LINE
14. NATIVE SUBGRADE
15. PVC SCHEDULE 80 NIPPLE; LENGTH AS NEEDED
16. STAINLESS STEEL HOSE CLAMP WITH STAINLESS STEEL SCREWS (TYP. 2 PLCS.)

NOTE:
ALL NON "O" RING THREADED CONNECTIONS SHALL RECEIVE MIN. 3 WRAPS OF TEFLON TAPE.

SCALE: NTS

MASTER VALVE AND FLOW SENSOR ASSEMBLY



PLAN VIEW

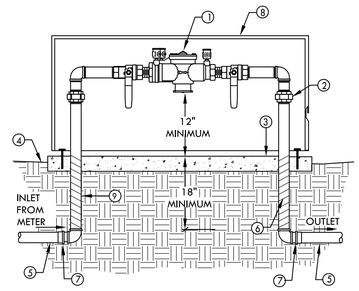
1. NORMALLY OPENED MASTER VALVE, INSTALL DOWNSTREAM OF BACKFLOW PREVENTER (SEE PLANS AND SPECIFICATIONS)
2. TEE MOUNTED FLOW SENSOR (SEE PLANS AND SPECIFICATIONS)
3. PVC SCHEDULE 40 OR CLASS 315 MAINLINE
4. COMMUNICATION CABLE, RAINMASTER MODEL EV-CAB-SEN OR APPROVED EQUAL. PROVIDE MINIMUM 24" COILED EXTRA.
5. WATERPROOF CONNECTIONS FOR COMMUNICATION CABLE AS PER MANUFACTURER'S SPECIFICATIONS, (NOTE POLARITY ON SENSOR TO SENSOR CABLE HOOKUP.)
6. GREEN PLASTIC VALVE BOX WITH BOLT DOWN LOC-KIT; CARSON MODEL 1419 OR APPROVED EQUAL.
7. PVC SCHEDULE 80 UNION, TxT (TYP. 2 PLCS.)
8. PVC SCHEDULE 80 EXTRUDED PIPE NIPPLE, T.B.E.; SIZE PER VALVE SIZE, 4" MINIMUM LENGTH (TYP. 2 PLCS.)
9. PVC SCHEDULE 80 EXTRUDED PIPE NIPPLE, T.O.E.; SIZE PER VALVE SIZE, 4" MINIMUM LENGTH (TYP. 2 PLCS.)
10. WATER TIGHT FUSE HOLDER AS PER MANUFACTURER'S SPECIFICATIONS
11. 1-1/5" PVC SCHEDULE 40 CONDUIT AND WIRE FROM FLOW SENSOR AND MASTER VALVE TO CONTROLLER. INSTALL PULL BOXES AT CHANGES IN DIRECTION AND AS NEEDED
12. PVC REDUCER COUPLINGS (S x S), SIZE PER PIPE SIZE

NOTE:
1. FLOW SENSOR MUST BE INSTALLED WITH INSERT (TOP) POSITIONED POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY.
2. INSTALL FLOW SENSOR CABLE IN 1 1/2" CONDUIT FROM FLOW SENSOR TO CONTROLLER ENCLOSURE.

SCALE: NTS

BACKFLOW PREVENTER

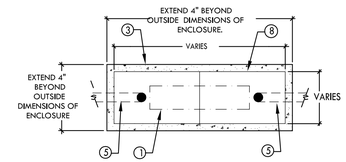
SECTION VIEW



1. REDUCED BACKFLOW PREVENTER, WILKINS 975XL OR APPROVED EQUAL (SIZE PER PLANS)
2. UNION (TYPICAL)
3. 4" CONCRETE PAD; SET 2" ABOVE FINISH GRADE IN GROUNDCOVER OR DECOMPOSED GRANITE; 1" ABOVE FINISH GRADE IN TURF.
4. FINISH GRADE
5. PVC SCHEDULE 40 OR CLASS 315 MAINLINE, SIZE AND TYPE PER PLAN
6. WRAP ALL BURIED GALVANIZED WITH 20MIL CORROSION PROTECTION TAPE.
7. PVC SCHEDULE 40 ADAPTER/BUSHING (MIPT X SLIP).
8. STRONG BOX ENCLOSURE; SIZE AND MODEL PER PLAN
9. SCHEDULE 40 GALVANIZED PIPE AND FITTINGS

NOTE:
INSTALL WITH INSULATED BACKFLOW BLANKET; SIZE AS REQUIRED.

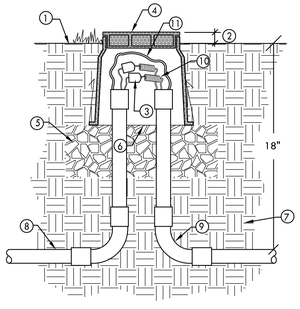
PAN VIEW



SCALE: NTS

ELECTRICAL PULL BOX

SECTION VIEW



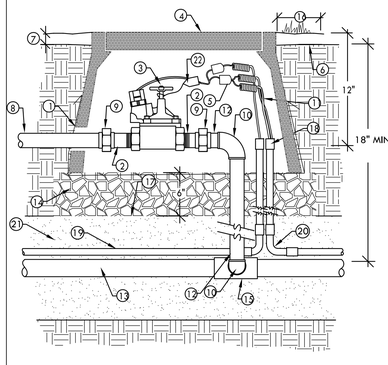
1. FINISH GRADE
2. SET TOP OF BOX ABOVE FINISH GRADE:
   1/2" IN SEED
   3-1/2" IN PLANTER OR DECOMPOSED GRANITE.
3. LOCKING, WATERPROOF WIRE CONNECTOR, MODEL DRI-SPLICE DS-400 OR APPROVED EQUAL
4. GRAY PLASTIC VALVE BOX WITH LOCKING COVER, CARSON MODEL 1419 OR APPROVED EQUAL
5. 3/4" CRUSHED ROCK; 6" MINIMUM DEPTH
6. 1/4" GALVANIZED WIRE CLOTH
7. UNDISTURBED SUBGRADE
8. PVC SCHEDULE 40 CONDUIT
9. PVC SCHEDULE 40 CONDUIT SWEEP ELBOWS WITH COUPLERS BOTH ENDS
10. COMMON AND CONTROL WIRES. PROVIDE MINIMUM 18" COILED EXTRA.
11. NYLON PULL TAPE

NOTE:
IDENTIFY WIRES WITH CONTROLLER AND VALVE NUMBER AT ALL SPLICES, AT THE REMOTE CONTROL VALVE AND AT CONTROLLER. USE K-SUN LABELSHOP HEAT SHRINK TUBE LABELING SYSTEM, K-SUN MODEL 2001XLST OR APPROVED EQUAL. (800)491-2780.

SCALE: NTS

REMOTE CONTROL/ MASTER VALVE

SECTION VIEW



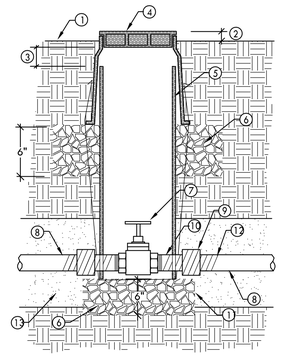
1. TRIM VALVE BOX TO PROVIDE 1" CLEARANCE OVER PIPE.
2. PVC SCHEDULE 80 T.O.E. NIPPLE
3. REMOTE CONTROL VALVE; SIZE AND MODEL PER PLAN
4. RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LOC-KIT, CARSON MODEL 1220-4 OR 1419-B OR APPROVED EQUAL. SIZE AS NEEDED TO ENCLOSE ENTIRE VALVE ASSEMBLY
5. LOCKING WATERPROOF WIRE CONNECTOR; MODELS TKHP LV-900, DS-400 OR APPROVED EQUAL.
6. FINISH GRADE
7. SET TOP OF VALVE BOX ABOVE FINISH GRADE: 1/2" IN SEED, 1-1/2" IN SOD, 3-1/2" IN PLANTER OR DECOMPOSED GRANITE.
8. PVC SCHEDULE 40 LATERAL; PROVIDE 18" LENGTH DOWNSTREAM OF VALVE PRIOR TO FIRST FITTING.
9. SCHEDULE 80 PVC UNION, SXS
10. SCHEDULE 40 PVC ELBOW SXS
11. CONTROL AND COMMON WIRES, PROVIDE MIN. 30" COILED EXTRA. SEE SPECIFICATIONS.
12. SCHEDULE 40 PVC NIPPLE; LENGTH AS NEEDED
13. SCHEDULE 40 OR CLASS 315 MAINLINE. 18" MINIMUM COVER. SEE SPECIFICATIONS.
14. 3/4" CRUSHED ROCK, 6" DEPTH MINIMUM
15. SCHEDULE 80 PVC TEE (SXSXS)
16. DISTANCE VARIES; SEE IRRIGATION PLANS AND SPECIFICATIONS
17. 1/4" GALVANIZED WIRE CLOTH
18. PVC CONDUIT COUPLERS; SOLVENT WELD TO CONDUIT PIPE ENDS. PROVIDE 4" CLEAR SPACE ABOVE CRUSHED ROCK
19. PVC SCHEDULE 40 CONDUIT, SIZE PER PLAN
20. PVC SCHEDULE 40 CONDUIT SWEEP; COUPLED BOTH ENDS
21. SAND BACKFILL, 6" ABOVE AND BELOW MAIN LINE
22. T.CHRTISTY I.D. TAG; MODEL ID-STD-Y2 WITH CONTROLLER AND STATION NUMBER MARKED ON BOTH SIDES.

NOTES:
1. ALL SLIP FITTINGS TO BE PRIMED AND GLUED.
2. ONE VALVE PER BOX.
3. INSTALL MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPE.
4. INSTALL IN PLANTER BEDS WHERE POSSIBLE.
5. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPE.
6. USE MIN. 3 WRAPS OF TEFLON TAPE AT EACH THREADED CONNECTION.

SCALE: NTS

BALL VALVE

SECTION VIEW

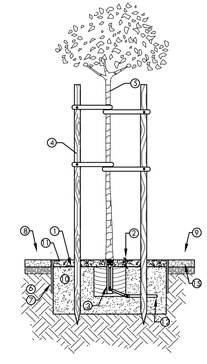


1. FINISH GRADE
2. SET TOP OF BOX ABOVE FINISH GRADE:
   1/2" IN SEED, 1-1/2" IN SOD, 3-1/2" IN PLANTER OR DECOMPOSED GRANITE.
3. ALLOW 3" BETWEEN TOP OF THE INTERIOR VALVE BOX COVER AND PVC PIPE.
4. GREEN PLASTIC VALVE BOX WITH BOLT DOWN LOC-KIT; CARSON MODEL 910 OR APPROVED EQUAL
5. 8" DIAMETER PVC PIPE; LENGTH AS NEEDED
6. 3/4" CRUSHED ROCK; 6" MINIMUM DEPTH
7. BALL VALVE, SIZE PER PIPE SIZE; WITH BRONZE CROSS HANDLE. SEE SPECIFICATIONS.
8. PVC SCHEDULE 40 OR CLASS 315 MAIN LINE AS PER PLANS
9. PVC SCHEDULE 40 COUPLER
10. PVC SCHEDULE 80 T.O.E. NIPPLE
11. 1/4" GALVANIZED WIRE CLOTH
12. WRAP ALL PVC PIPE EXPOSED TO CRUSHED ROCK WITH 20MIL CORROSION RESISTANT TAPE.
13. SAND BACKFILL; 6" ABOVE AND BELOW MAIN LINE

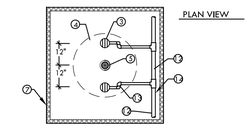
NOTE:
1. GATE VALVES 2" AND SMALLER SHALL BE THREADED.
2. WHEN THE MAIN LINE IS TERMINATED AT THE VALVE, EXTEND MAIN LINE 48" BEYOND VALVE BOX AND CAP.

SCALE: NTS

ROOT ZONE WATER SYSTEM - DECOMPOSED GRANITE



SECTION VIEW



PLAN VIEW

1. FINISH GRADE
2. SET TOP OF ROOT ZONE WATERING SYSTEM 3" ABOVE FINISH GRADE IN TREE WELL. INSTALL BARK MULCH FLUSH WITH TOP OF GRATE
3. ROOT ZONE WATERING SYSTEM; 18" WITH FILTER SOCK, .5GPM BUBBLER, GRATE AND 1/2" MIPT SWING ASSEMBLY. INSTALL VERTICALLY, TOP EVEN WITH FINISH GRADE OF DECOMPOSED GRANITE AND AS SPECIFIED BY MANUFACTURER. (TYPICAL 2 PER TREE)
4. TREE GUARD; SEE PLANTING PLAN
5. TREE; SEE PLANTING DETAIL
6. UNDISTURBED SUBGRADE OR COMPACTED TO 95%
7. ROOT CONTROL BARRIER; SEE PLANTING
8. BARK MULCH PATHWAY
9. CONCRETE SIDEWALK
10. BACKFILL MIX PER LANDSCAPE SPECIFICATIONS
11. TOP OF BARK MULCH
12. PVC SCHEDULE 40 LATERAL PIPE
13. PVC SCHEDULE 40 FITTING, SLxTH (TYP. 2 PLCS.)
14. PVC SCHEDULE 40 FITTING, SLxSL (TYP.)
15. AGGREGATE BASE PER CONSTRUCTION PLAN

NOTE:
1. INSTALL 2 PER TREE NEXT TO ROOTBALL PER MANUFACTURE SPECIFICATIONS
2. USE 36" MODEL FOR SYCAMORE TREES AND 18" MODEL FOR ALL OTHER TREE IRRIGATION.

SCALE: NTS

REGISTERED LANDSCAPE ARCHITECT
GREG MELTON #4276
SIGNATURE
EXP. 11-15
DATE
STATE OF CALIFORNIA

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 05/20/2015

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE NTS

APPROVED

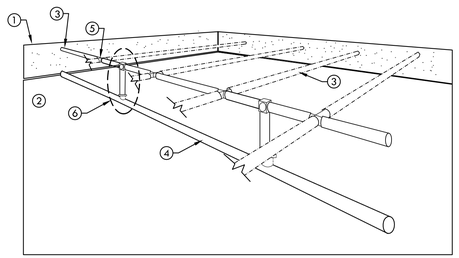
CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

IRRIGATION DETAIL SHEET

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 12 OF SHEETS
FILE NO.

SECTION VIEW



1. FINISH GRADE
2. COMPACTED SUBGRADE AND BACKFILL; ENSURE THE BACKFILL SOIL IS CLEAN OF ROCK AND DEBRIS LARGER THAN 1" IN DIAMETER. COMPACTED FILL BACK AROUND THE DRIPPER LINE TO THE SAME DENSITY AS UNDISTURBED SURROUNDING SOIL SO THE WATER CAN RADIATE OUTWARD UNIFORMLY.
3. TECHLINE TUBING; TYPE AND SIZE PER SPECIFICATIONS
4. PVC SCHEDULE 40 SUPPLY AND/OR FLUSH HEADER PER PLAN; SIZE PER PLAN
5. TECHLINE FITTING (TYP.)
6. TECHLINE START CONNECTOR

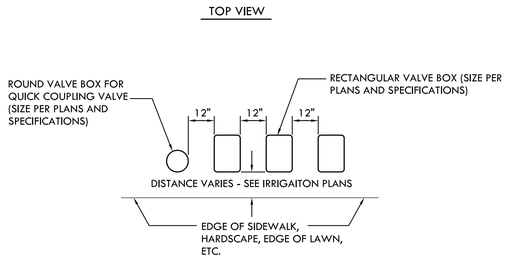
NOTE:

1. SIZES FOR SUPPLY AND EXHAUST HEADERS ARE PER PER PLAN
2. FLUSH ALL DEBRIS FROM PIPE PRIOR TO INSTALLING DRIPPER LINE
3. FLUSH DRIPPERLINE PRIOR TO INSTALLING FLUSH VALVES AND AIR VENTS
4. SEE MANUFACTURER'S WRITTEN INSTALLATION SPECIFICATIONS

SCALE: NTS

TECHLINE HEADER LAYOUT 4

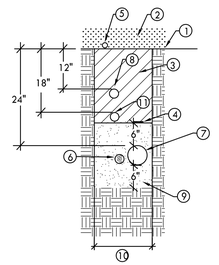
TOP VIEW



1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE.
3. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO SIDEWALK, HARDSCAPE, EDGE OF LAWN, ETC.
4. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
5. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY. ENCLOSE ASSEMBLY FOR EASY ACCESS.

SCALE: NTS

VALVE BOX INSTALLATION 3

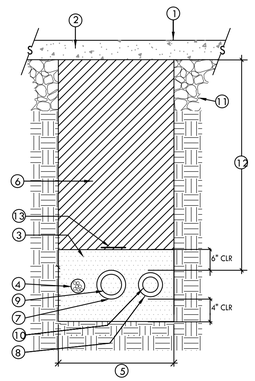


SECTION VIEW

1. FINISH GRADE
2. 3" MULCH LAYER PER PLANTING PLAN
3. APPROVED BACKFILL AS PER PLANTING PLAN
4. MAIN LINE DETECTION TAPE; T.CHRISTY MODEL TA-DT-BI OR APPROVED EQUAL. INSTALL ABOVE IRRIGATION MAIN LINE PIPE PER MANUFACTURER'S SPECIFICATIONS.
5. SHRUB DRIPPERLINE; INSTALL ON GRADE AND STAKE EVERY THREE (3) FEET. COVER WITH 3" LAYER OF BARK MULCH.
6. 3" PVC SCHEDULE 40 CONDUIT WITH REMOTE CONTROL VALVE WIRE; SIZE PER PLAN
7. IRRIGATION MAIN LINE; SIZE AND TYPE PER PLAN. 24" MINIMUM COVER
8. PVC SUPPLY AND EXHAUST MANIFOLDS; SIZE AND TYPE PER PLAN. 12" MINIMUM COVER
9. SAND BACKFILL; MINIMUM 6" ABOVE AND BELOW MAIN LINE WITH MINIMUM 6" BACKFILL
10. WIDTH AS REQUIRED TO MAINTAIN MINIMUM 4" HORIZONTAL SEPARATION FROM PIPE TO PIPE AND PIPE TO TRENCH WALL. NO PIPE SHALL BE LAID OVER ANOTHER.
11. PVC LATERAL; SIZE AND TYPE PER PLAN. 18" MINIMUM COVER

SCALE: NTS

TRENCHING 2

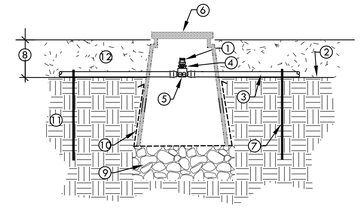


1. FINISH GRADE
2. VEHICULAR OR PEDESTRIAN PAVING
3. SAND BACKFILL WITH 6" COVER ABOVE SLEEVE AND 6" BELOW SLEEVE
4. ELECTRIC WIRES IN GRAY SCHEDULE 40 PVC CONDUIT. MINIMUM SIZE - 2" OR AS NEEDED
5. WIDTH AS NEEDED TO MAINTAIN MINIMUM 4" HORIZONTAL SEPARATION BETWEEN SLEEVES AND FROM SIDES OF TRENCH
6. TRENCH BACKFILL:
   BENEATH VEHICULAR PAVEMENT: PER ENGINEERS PLAN
   BENEATH NON-VEHICULAR PAVEMENT:
   -NATIVE SITE SOIL, COMPACTED TO ELIMINATE SETTLING, 90% RELATIVE DENSITY
7. MAIN LINE SLEEVE- 6" AND LARGER HDPE CORRUGATED PIPE WITH SMOOTH INTERIOR WALL. 4" AND SMALLER PVC SCHEDULE 40 PIPE. SIZE PER PLAN
8. LATERAL SLEEVE- SCHEDULE 40 PVC PIPE. SIZE PER PLAN.
9. PVC MAIN LINE; SIZE AND TYPE PER PLAN
10. PVC LATERAL LINE; SIZE AND TYPE PER PLAN
11. PAVEMENT SUBGRADE- AS PER ENGINEER'S PLANS
12. SLEEVING - 24" MINIMUM COVER BENEATH PAVING. EXTEND SLEEVES 12" BEYOND EDGE OF HARDSCAPE.
13. MAIN LINE DETECTION TAPE; SIZE AND TYPE PER PLANS

NOTE:
1. SIDES OF TRENCH WILL BE DUG SQUARE AND CLEAN OF ALL SHARP MATERIAL.

SCALE: NTS

TRENCHING BENEATH PAVEMENT 1

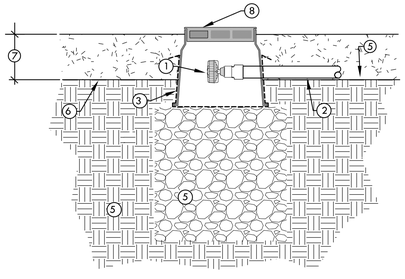


SECTION VIEW

1. 1/2" MIPT AIR/VACUUM RELIEF VALVE; NETAFIM TLAVRV OR APPROVED EQUAL. CONTRACTOR SHALL FIELD LOCATE AT HIGHEST POINT OF SYSTEM. USE MULTIPLE AIR/VACUUM RELIEF VALVES AS NEEDED.
2. FINISH GRADE
3. BLANK DRIPPER LINE OR PVC SUPPLY HEADER; TYPE PER PLAN. (BLANK DRIPPER LINE SHOWN)
4. 3/4" MIPT x 1/2" FIPT REDUCER
5. INS X INS X 3/4" FIPT COMBINATION TEE, NETAFIM MODEL TL075FTEE
6. 7" ROUND PLASTIC VALVE BOX; CARSON MODEL 708 OR APPROVED EQUAL
7. SECURE TUBING USING 6" SOIL STAPLES, TECHLINE MODEL TL6 OR APPROVED EQUAL. INSTALL EVERY THREE (3) FEET
8. INSTALL VALVE BOX 3" ABOVE FINISH GRADE IN MULCHED PLANTER BEDS
9. 3/4" CRUSHED ROCK, 6" MINIMUM DEPTH
10. 1/4" GALVANIZED WIRE CLOTH
11. UNIFORMLY PREPARED SUBGRADE, SEE PLANTING SPECIFICATIONS.
12. 3"" MULCH ; SEE PLANTING PLAN

SCALE: NTS

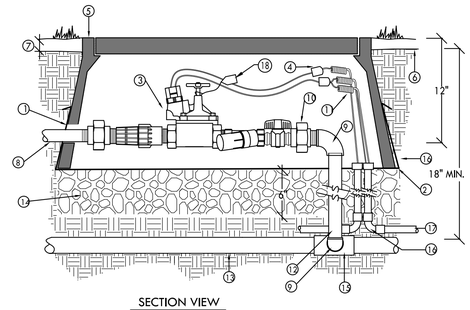
TECHLINE AIR RELIEF VENT 5



1. AUTOMATIC FLUSH VALVE PER MANUFACTURER'S SPECIFICATION
2. PVC EXHAUST HEADER OR DRIPPERLINE PER PLAN
3. 1/4" GALVANIZED WIRE CLOTH
4. 3/4" CRUSHED ROCK DRAIN SUMP; 2' DIA. X 2' DEPTH.
5. FINISH GRADE
6. UNDISTURBED SUBGRADE
7. 3" LAYER OF WATER-COMPACTED MULCH; TYPE PER PLANTING PLAN
8. ROUND PLASTIC VALVE BOX CARSON MODEL 708 OR APPROVED EQUAL

SCALE: NTS

TECHLINE AUTOMATIC FLUSH VALVE 6



SECTION VIEW

1. TRIM VALVE BOX TO PROVIDE 1" CLEARANCE OVER PIPE
2. 1/4" GALVANIZED WIRE CLOTH PLACED ABOVE GRAVEL
3. REMOTE CONTROL DRIP VALVE ASSEMBLY; SIZE AND MODEL PER PLAN
4. LOCKING WATERPROOF WIRE CONNECTOR, MODEL DS-400, DBY OR APPROVED EQUAL.
5. PLASTIC VALVE BOX WITH LOCKING COVER. CARSON MODEL 1220-12 OR APPROVED EQUAL. SEE SPECIFICATIONS.
6. FINISH GRADE
7. SET TOP OF VALVE BOX ABOVE FINISH GRADE: 1/2" IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER OR DECOMPOSED GRANITE.
8. PVC SCHEDULE 40 LATERAL LINE; PROVIDE 18" LENGTH PRIOR TO FIRST FITTING.
9. SCHEDULE 40 PVC ELBOW, SxS
10. SCHEDULE 80 PVC UNION, TxT (TYP. 2 PLCS.)
11. COMMON AND CONTROL WIRES; AS NEEDED. PROVIDE MINIMUM 18" COILED EXTRA.
12. SCHEDULE 40 PVC NIPPLE; LENGTH AS REQUIRED
13. PVC SCHEDULE 40 OR CLASS 315 MAINLINE. 18" MINIMUM COVER. SEE SPECIFICATIONS.
14. 3/4" CRUSHED ROCK; 6" DEPTH TO 2" BEYOND PERIMETER OF VALVE BOX
15. SCHEDULE 80 PVC TEE (SxSxS)
16. PVC SCHEDULE 40 CONDUIT SWEEP, COUPLED BOTH ENDS
17. PVC SCHEDULE 40 CONDUIT; SIZE AS NEEDED. SEE SPECIFICATIONS.
18. T.CHRTISTY I.D. TAG; MODEL ID-STD-Y2 WITH CONTROLLER AND STATION NUMBER MARKED ON BOTH SIDES.

SCALE: NTS

DRIP CONTROL ZONE 7

PVC SCHEDULE 40 SLEEVE SIZE CHART
(MINIMUM SIZE UNLESS OTHERWISE NOTED PER PLAN)

MAIN LINE AND LATERAL PIPE SIZE	OUTSIDE DIAMETER OF PVC SCHEDULE 40 FITTING (INCHES)	INSIDE DIAMETER OF PVC SCHEDULE 40 PIPE FOR SLEEVING (INCHES)	75% USABLE AREA OF INSIDE DIAMETER OF PIPE FOR SLEEVING (INCHES)
3/4"	1.263	.824	.618
1"	1.625	1.049	.787
1 1/4"	2.000	1.380	1.035
1 1/2"	2.250	1.610	1.208
2"	2.750	2.067	1.550
2 1/2"	3.313	2.469	1.852
3"	3.969	3.068	2.301
4"	5.063	4.026	3.020
6"	7.188	6.065	4.549

NOTE:
ACTUAL PIPE SIZE MAY VARY IN ACCORDANCE WITH VARYING SITE CONDITIONS.
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE OPTIMUM PIPE SIZING.

REGISTERED LANDSCAPE ARCHITECT
REG. MELTON #2
SIGNATURE
EXP. 11-15
DATE
STATE OF CALIFORNIA

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

IRRIGATION SLEEVE CHART 8

FINAL SUBMITTAL
DATE: 08/16/2013

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED SDR
SCALE NTS

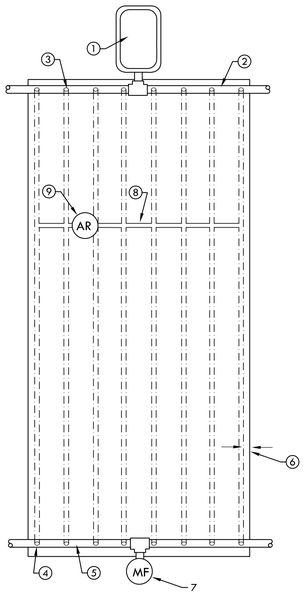
APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

IRRIGATION DETAIL SHEET

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 13 OF SHEETS
FILE NO.

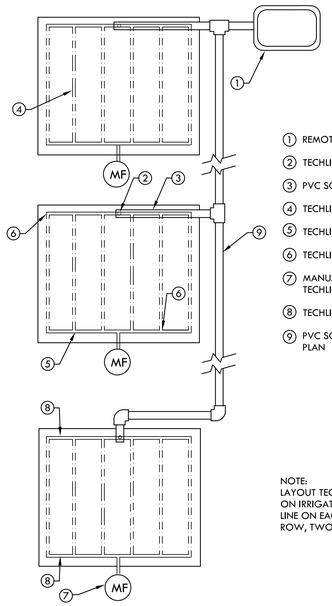


1. REMOTE CONTROL VALVE
2. PVC SCHEDULE 40 SUPPLY HEADER; SIZE PER PLAN. EXTEND TO NEXT PLANTER AS NEEDED. TYPICAL
3. TECHLINE START CONNECTOR ON SUPPLY HEADER
4. TECHLINE START CONNECTION ON EXHAUST HEADER
5. PVC SCHEDULE 40 EXHAUST HEADER; SIZE PER PLAN. EXTEND TO NEXT PLANTER AS NEEDED. TYPICAL
6. PERIMETER TECHLINE LATERALS DISTANCE FROM EDGE OF PLANTER PER MANUFACTURER'S SPECIFICATIONS.
7. MANUAL FLUSH VALVE PLUMBED TO PVC SCHEDULE 40 EXHAUST HEADER
8. TECHLINE BLANK TUBING CONNECTED TO TECHLINE DRIPPERLINE FOR AIR AND VACUUM RELIEF VALVE ASSEMBLY
9. TECHLINE AIR VACUUM RELIEF VALVE

NOTE:
LAYOUT TECHLINE AS SHOWN ON IRRIGATION PLAN; ONE LINE ON EACH SIDE OF SHRUB ROW, TWO LINES PER ROW.

SCALE: NTS

TECHLINE END FEED LAYOUT 4

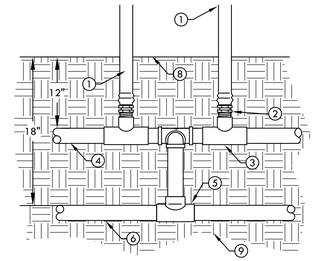


1. REMOTE CONTROL DRIP ZONE
2. TECHLINE START CONNECTOR
3. PVC SCHEDULE 40 SUPPLY HEADER
4. TECHLINE CV TUBING
5. TECHLINE TEE
6. TECHLINE ELL
7. MANUAL FLUSH VALVE PLUMBED TO TECHLINE
8. TECHLINE BLANK TUBING
9. PVC SCHEDULE 40 LATERAL; SIZE PER PLAN

NOTE:
LAYOUT TECHLINE AS SHOWN ON IRRIGATION PLAN; ONE LINE ON EACH SIDE OF SHRUB ROW, TWO LINES PER ROW.

SCALE: NTS

TECHLINE ISLAND LAYOUT 3



1. TECHLINE BLANK TUBE. TAPE ENDS OF STUB OUTS
   TECHLINE ¾" MALE ADAPTER
2. PVC SCHEDULE 40 TEE, SXSXT
3. PVC SCHEDULE 40 SUPPLY HEADER
4. PVC SCHEDULE 40 LATERAL FITTING, SXSXS
5. PVC SCHEDULE 40 LATERAL; SIZE PER PLAN
6. STUB UP BLANK TUBING AND TAPE
7. FINISH GRADE
8. NATIVE SUBGRADE
9.

SCALE: NTS

DRIP SUPPLY HEADER ROUGH-IN 2

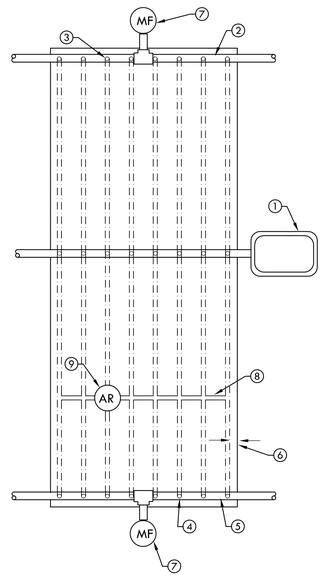
TECHLINE INSTALLATION NOTES

1. THE TECHLINE IRRIGATION SYSTEM IS DESIGNED FOR HYDROZONES, SOILS, AND SIMILAR CLIMATIC ZONES. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AS NEEDED BASED ON ACTUAL FIELD CONDITIONS.
2. INSTALL SUPPLY HEADER TO DELIVER WATER TO EACH ROW OF TECHLINE .
3. INSTALL PVC SUPPLY HEADERS 6" FROM HARDSCAPES AND PLANTING AREAS.
4. MAXIMUM LENGTH OF RUN SHALL NOT EXCEED MANUFACTURER'S SPECIFICATIONS.
5. WHEN BRANCHING OUT TECHLINE FROM THE SUPPLY HEADER, TOTAL LENGTH OF BRANCHED-OUT DRIPPERLINE SHALL NOT EXCEED MAXIMUM LENGTH OF RUN.
6. INSTALL LINE FLUSHING VALVES AS SHOWN AND/OR PER 15 GPM OF ZONE FLOW, WHICHEVER COMES FIRST.
7. LINE FLUSHING VALVES SHALL BE INSTALLED IN A VALVE BOX WITH A GRAVEL SUMP ADEQUATE TO DRAIN APPROXIMATELY ONE GALLON OF WATER.
8. INSTALL LINE FLUSHING VALVES IN AN INCONSPICUOUS AREA AS FAR AWAY FROM THE SOURCE AS POSSIBLE.
9. INSTALL AIR/VACUUM RELIEF VALVES SHALL BE INSTALLED IN A VALVE BOX AT THE HIGHEST POINT OF A SUBSURFACE.
10. TO ENSURE ALL ROWS OF TECHLINE CAN TAKE ADVANTAGE OF THE AIR/VACUUM RELIEF VALVE, INSTALL IT ON A LINE PERPENDICULAR TO THE TECHLINE ROWS. THIS MAY BE AN EXHAUST HEADER, OR A SPECIAL LATERAL CONNECTING ALL ROWS OF TECHLINE.
11. SECURE TECHLINE USING SOIL STAPLE AT EVERY 3' ON CENTER. USE TWO STAPLES FOR EVERY CHANGE IN DIRECTION.
12. FLUSH EACH LATERAL LINE CLEAR OF SOIL AND DEBRIS PRIOR TO PRESSURIZING SYSTEM. OPERATE AND INSPECT SYSTEM FOR COVERAGE AND LEAKS PRIOR TO BACKFILLING DRIPPERLINES.
13. CONTRACTOR SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDELINES

NTS

SCALE: NTS

TECHLINE INSTALLATION NOTES 1



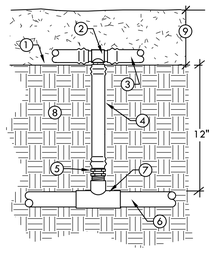
1. REMOTE CONTROL VALVE
2. PVC SCHEDULE 40 SUPPLY HEADER; SIZE PER PLAN. EXTEND TO NEXT PLANTER AS NEEDED. TYPICAL
3. TECHLINE START CONNECTOR ON SUPPLY HEADER
4. TECHLINE START CONNECTION ON EXHAUST HEADER
5. PVC SCHEDULE 40 EXHAUST HEADER; SIZE PER PLAN. EXTEND TO NEXT PLANTER AS NEEDED. TYPICAL
6. PERIMETER TECHLINE LATERALS DISTANCE FROM EDGE OF PLANTER PER MANUFACTURER'S SPECIFICATIONS.
7. MANUAL FLUSH VALVE PLUMBED TO PVC SCHEDULE 40 EXHAUST HEADER
8. TECHLINE BLANK TUBING CONNECTED TO TECHLINE DRIPPERLINE FOR AIR AND VACUUM RELIEF VALVE ASSEMBLY
9. TECHLINE AIR VACUUM RELIEF VALVE

NOTE:
LAYOUT TECHLINE AS SHOWN ON IRRIGATION PLAN; ONE LINE ON EACH SIDE OF SHRUB ROW, TWO LINES PER ROW.

SCALE: NTS

TECHLINE CENTER FEED LAYOUT 5

1. FINISH GRADE
2. TECHLINE TEE
3. TECHLINE ON SURFACE DRIPPERLINE PER PLAN
4. TECHLINE BLANK TUBING; LENGTH AS NEEDED
5. TECHLINE 3/4" MALE ADAPTER
6. PVC SCHEDULE 40 SUB HEADER
7. PVC SCHEDULE 40 TEE WITH 3/4" THREADED OUTLET
8. UNIFORMLY PREPARED SUBGRADE COMPACTED TO 90% RELATIVE DENSITY. SEE MANUFACTURER'S SPECIFICATIONS.
9. 3" MULCH LAYER PER PLANTING PLAN



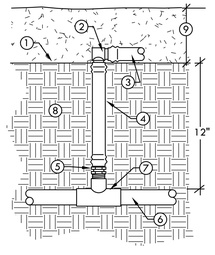
SECTION VIEW

NOTE:
SECURE TECHLINE TUBING TO FINISH GRADE USING 6" GALVANIZED WIRE STAPLES, TECHLINE MODEL TL6 OR APPROVED EQUAL. INSTALL WIRE STAPLES EVERY THREE (3) FEET AND 2 CRISS-CROSSED AT EACH FITTING

SCALE: NTS

TECHLINE STARTER CONNECTION TEE 6

1. FINISH GRADE
2. TECHLINE ELBOW
3. TECHLINE ON SURFACE DRIPPERLINE PER PLAN
4. TECHLINE BLANK TUBING; LENGTH AS NEEDED
5. TECHLINE 3/4" MALE ADAPTER
6. PVC SCHEDULE 40 SUB HEADER
7. PVC SCHEDULE 40 TEE WITH 3/4" THREADED OUTLET
8. UNIFORMLY PREPARED SUBGRADE COMPACTED TO 90% RELATIVE DENSITY. SEE MANUFACTURER'S SPECIFICATIONS.
9. 3" MULCH LAYER PER PLANTING PLAN



NOTE:
SECURE TECHLINE TUBING TO FINISH GRADE USING 6" GALVANIZED WIRE STAPLES, TECHLINE MODEL TL6 OR APPROVED EQUAL. INSTALL WIRE STAPLES EVERY THREE (3) FEET AND 2 CRISS-CROSSED AT EACH FITTING

SCALE: NTS

TECHLINE STARTER CONNECTION ELBOW 7

REGISTERED LANDSCAPE ARCHITECT
GREG MELTON #4251
SIGNATURE
EXP 11-15
DATE
STATE OF CALIFORNIA

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 08/16/2013

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED SDR
SCALE NTS

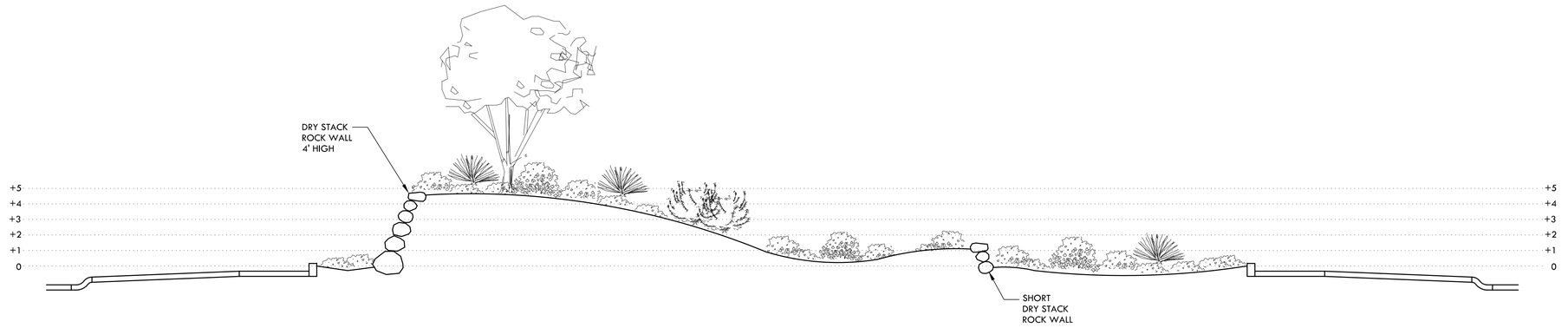
APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

IRRIGATION DETAIL SHEET

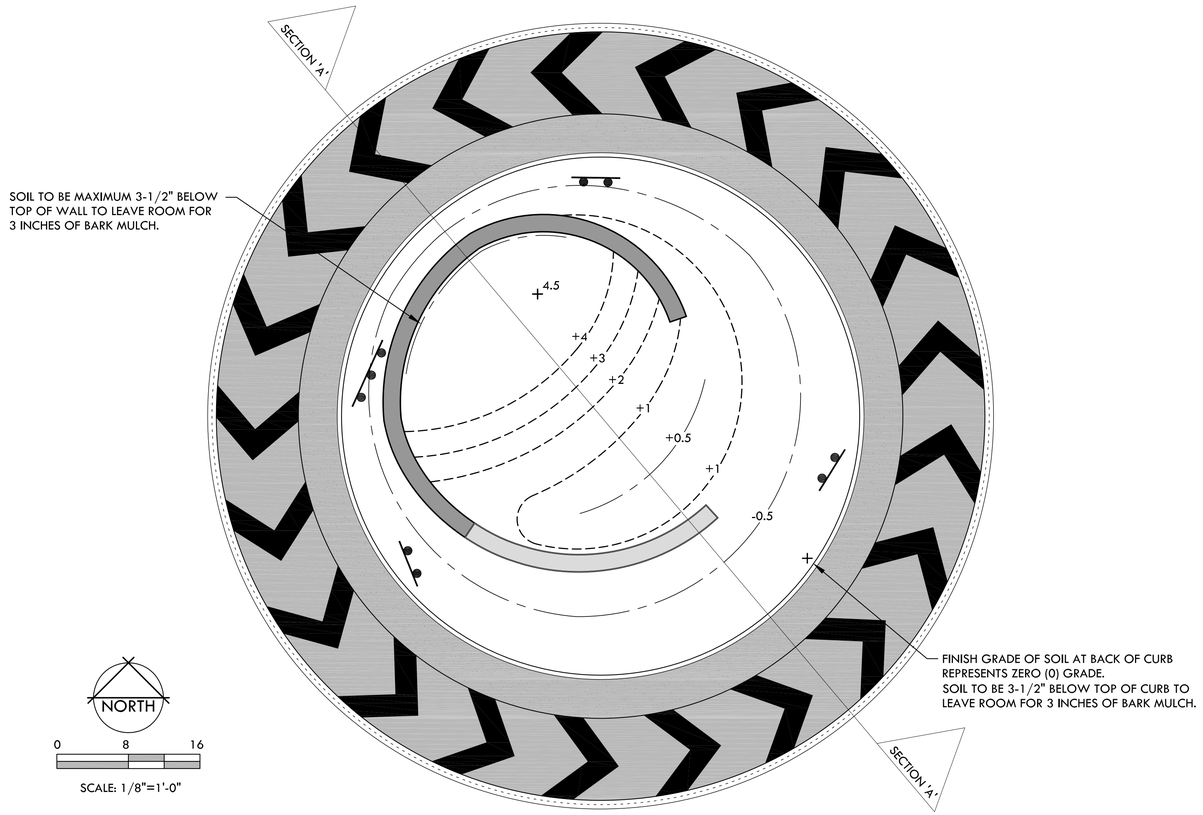
TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 14 OF SHEETS
FILE NO.



SECTION 'A'

SCALE: 1/4"=1'-0"



SCALE: 1/8"=1'-0"

ROUNDABOUT PLAN VIEW

PLAN LEGEND

SYMBOL	DESCRIPTION	REMARKS
+1' ..... +1'	SECTION VIEW HEIGHT REFERENCE	
– – –+1'– – –	LANDSCAPE CONTOUR	
——— – ———	LOW POINT / DEPRESSION LINE	
	DRY STACK RETAINING WALL	SEE DETAIL 6, SHEET 10
	SHORT DRY STACK RETAINING WALL	SEE DETAIL 6, SHEET 10

LAYOUT NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS IN THE FIELD. CONTACT THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK IN THE EVENT THAT EXISTING FIELD CONDITIONS DIFFER FROM THOSE DEPICTED ON THE PLANS.
2. CHALK THE LAYOUT OF WALL FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALLATION.
3. CONFIRM ALL LOCATIONS OF EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND REPAIR OF DAMAGE TO ALL EXISTING UTILITIES.
4. CONTRACTOR IS RESPONSIBLE TO COORDINATE HIS WORK WITH THE WORK OF OTHERS.
5. CONSTRUCTION SHALL CONFORM TO ALL UNIFORM BUILDING CODE, 2010 EDITION, AND SPECIFICATIONS.
6. CONTRACTOR SHALL OBSERVE ALL SAFETY REGULATIONS PERTAINING TO THIS PROJECT.
7. ANY CHANGES SHALL BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
8. REFER TO DETAILS, BOOK FORM SPECIFICATIONS, AND CIVIL ENGINEER'S PLANS FOR ADDITIONAL INFORMATION.

GRADING NOTES

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF OFF-SITE ALL ROCKS OVER 2" DIAMETER IN ANY DIMENSION, ASPHALT, BASE ROCK, AND DEBRIS TO A MINIMUM DEPTH OF 12" BELOW CIVIL ENGINEER'S ROUGH GRADE AT ENTIRE LANDSCAPE AREA.
2. ALL PROPOSED IMPORTED SOIL MUST BE APPROVED BY THE CITY'S REPRESENTATIVE PRIOR TO DELIVERY TO SITE. PROVIDE A SAMPLE AND SOILS ANALYSIS OF PROPOSED IMPORT SOIL FOR APPROVAL.
3. CONTRACTOR SHALL CONFIRM EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO THE START OF ANY GRADING WORK. MAINTAIN FIELD MARKERS AS NECESSARY TO PROTECT EXISTING UTILITIES FROM DAMAGE. ANY DAMAGE INCURRED TO EXISTING UTILITIES BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE CITY.
4. ONCE THE SITE SOILS HAVE BEEN AMENDED AS PER THE SPECIFICATIONS, THE CONTRACTOR SHALL OBTAIN A SOILS REPORT FROM AN ANALYTICAL LABORATORY, INCLUDING RECOMMENDATIONS. INCORPORATE ADDITIONAL AMENDMENTS PER THE SOILS ANALYSIS RECOMMENDATIONS.
5. EXCESS SOILS MAY BE SPREAD OVER THE SITE SO LONG AS FINISH GRADES ARE WITHIN +/- 1" OF THOSE PROPOSED AND PROPOSED DRAINAGE PATTERNS ARE NOT AFFECTED. IN THE EVENT THAT ANY SOIL MUST BE REMOVED FROM THE SITE, THE CONTRACTOR SHALL CONTACT THE CITY'S REPRESENTATIVE IN ORDER TO DETERMINE WHETHER THE CITY WISHES TO STOCKPILE THE SOIL FOR LATER USE. NO SOIL SHALL BE REMOVED FROM THE SITE WITHOUT WRITTEN APPROVAL FROM THE CITY'S REPRESENTATIVE. ROCKS AND DEBRIS ARE EXCEPTED FROM THIS REQUIREMENT.
6. THE SITE AND ADJACENT AREAS SHALL BE CLEANED TO REMOVE ALL CONSTRUCTION DEBRIS BEFORE THE END OF EACH WORKDAY.
7. CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS.
8. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS APPLICABLE TO THIS PROJECT.
9. STOP WORK AND CONTACT THE CITY'S REPRESENTATIVE IMMEDIATELY IF REASONABLY UNFORESEEN CONDITIONS ARE ENCOUNTERED DURING THE COURSE OF EXCAVATION.
10. REFER TO DETAILS, BOOK FORM SPECIFICATIONS, AND CIVIL ENGINEER'S PLANS FOR ADDITIONAL INFORMATION.

REGISTERED LANDSCAPE ARCHITECT
GREG MELTON #4231
EXP. 11-15
STATE OF CALIFORNIA

UNDERGROUND SERVICE ALERT
of Northern California
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MELTON DESIGN GROUP
309 WALL STREET
CHICO, CA 95928
530.899.1616

FINAL SUBMITTAL
DATE: 5-20-2015

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN BH/SR
DESIGNED SDR
CHECKED GVM
SCALE 1"=30'

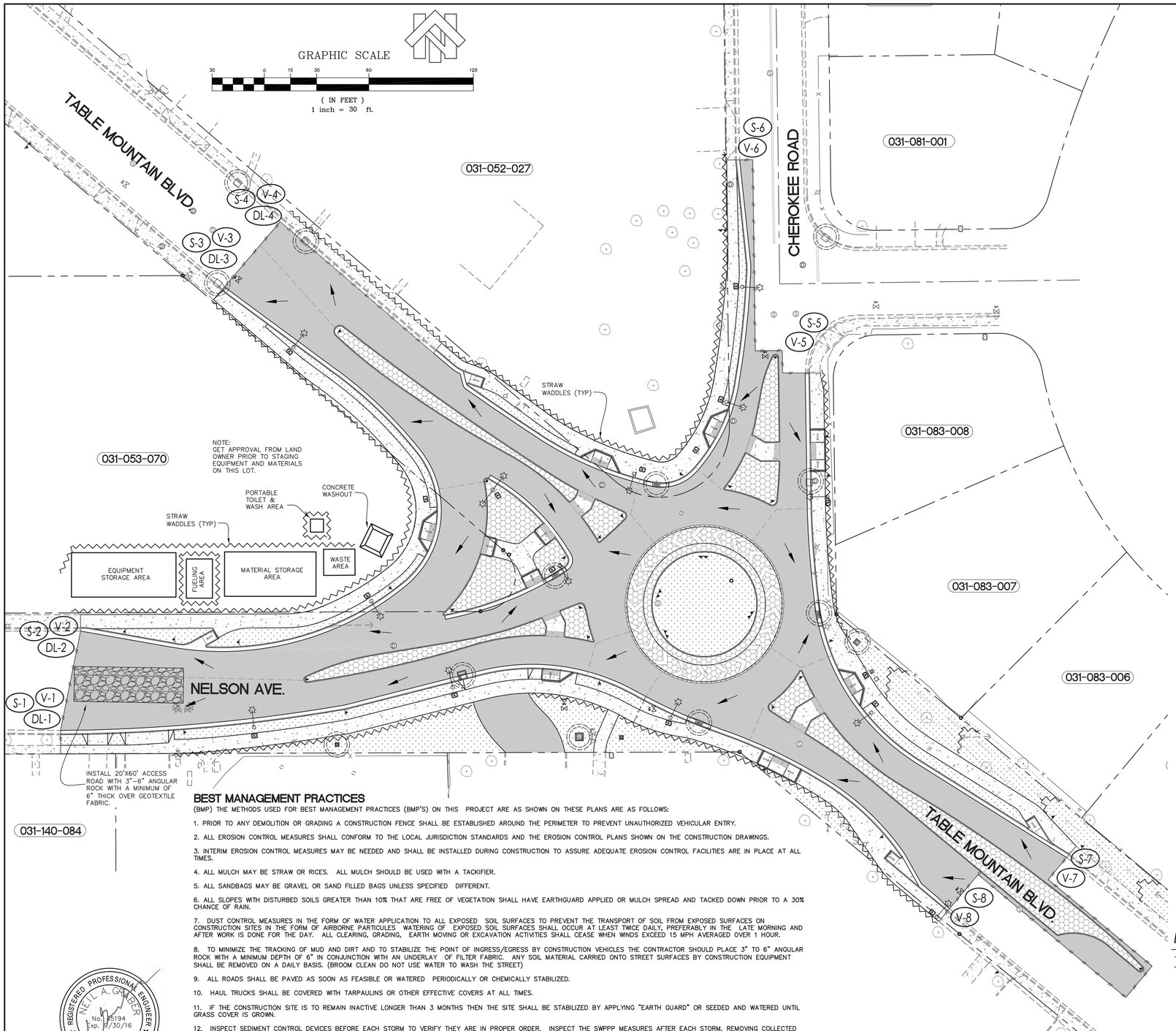
APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

LANDSCAPE DETAIL SHEET

TABLE MOUNTAIN BLVD ROUNDABOUT
OROVILLE PUBLIC WORKS

SHEET 15 OF SHEETS
FILE NO.



BEST MANAGEMENT PRACTICES

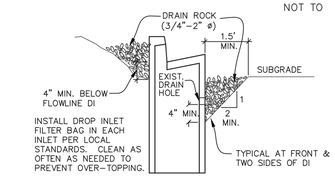
(BMP) THE METHODS USED FOR BEST MANAGEMENT PRACTICES (BMP'S) ON THIS PROJECT ARE AS SHOWN ON THESE PLANS ARE AS FOLLOWS:

1. PRIOR TO ANY DEMOLITION OR GRADING A CONSTRUCTION FENCE SHALL BE ESTABLISHED AROUND THE PERIMETER TO PREVENT UNAUTHORIZED VEHICULAR ENTRY.
2. ALL EROSION CONTROL MEASURES SHALL CONFORM TO THE LOCAL JURISDICTION STANDARDS AND THE EROSION CONTROL PLANS SHOWN ON THE CONSTRUCTION DRAWINGS.
3. INTERIM EROSION CONTROL MEASURES MAY BE NEEDED AND SHALL BE INSTALLED DURING CONSTRUCTION TO ASSURE ADEQUATE EROSION CONTROL FACILITIES ARE IN PLACE AT ALL TIMES.
4. ALL MULCH MAY BE STRAW OR RICES. ALL MULCH SHOULD BE USED WITH A TACKIFIER.
5. ALL SANDBAGS MAY BE GRAVEL OR SAND FILLED BAGS UNLESS SPECIFIED DIFFERENT.
6. ALL SLOPES WITH DISTURBED SOILS GREATER THAN 10% THAT ARE FREE OF VEGETATION SHALL HAVE EARTHGUARD APPLIED OR MULCH SPREAD AND TACKED DOWN PRIOR TO A 30% CHANCE OF RAIN.
7. DUST CONTROL MEASURES IN THE FORM OF WATER APPLICATION TO ALL EXPOSED SOIL SURFACES TO PREVENT THE TRANSPORT OF SOIL FROM EXPOSED SURFACES ON CONSTRUCTION SITES IN THE FORM OF AIRBORNE PARTICULES WATERING OF EXPOSED SOIL SURFACES SHALL OCCUR AT LEAST TWICE DAILY, PREFERABLY IN THE LATE MORNING AND AFTER WORK IS DONE FOR THE DAY. ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE WHEN WINDS EXCEED 15 MPH AVERAGED OVER 1 HOUR.
8. TO MINIMIZE THE TRACKING OF MUD AND DIRT AND TO STABILIZE THE POINT OF INGRESS/EGRESS BY CONSTRUCTION VEHICLES THE CONTRACTOR SHOULD PLACE 3" TO 6" ANGULAR ROCK WITH A MINIMUM DEPTH OF 6" IN CONJUNCTION WITH AN UNDERLAY OF FILTER FABRIC. ANY SOIL MATERIAL CARRIED ONTO STREET SURFACES BY CONSTRUCTION EQUIPMENT SHALL BE REMOVED ON A DAILY BASIS. (BROOM CLEAN DO NOT USE WATER TO WASH THE STREET)
9. ALL ROADS SHALL BE PAVED AS SOON AS FEASIBLE OR WATERED PERIODICALLY OR CHEMICALLY STABILIZED.
10. HAUL TRUCKS SHALL BE COVERED WITH TARPAULINS OR OTHER EFFECTIVE COVERS AT ALL TIMES.
11. IF THE CONSTRUCTION SITE IS TO REMAIN INACTIVE LONGER THAN 3 MONTHS THEN THE SITE SHALL BE STABILIZED BY APPLYING "EARTH GUARD" OR SEEDED AND WATERED UNTIL GRASS COVER IS GROWN.
12. INSPECT SEDIMENT CONTROL DEVICES BEFORE EACH STORM TO VERIFY THEY ARE IN PROPER ORDER. INSPECT THE SWPPP MEASURES AFTER EACH STORM, REMOVING COLLECTED SEDIMENT AND REPAIRING DEFICIENCIES.
13. DURING LONG PERIODS OF RAIN AND HIGH INTENSITY RAINFALL S.W.P.P.P. MEASURES MAY BECOME CLOGGED. EXTREME CARE SHOULD BE TAKEN TO CLEAN S.W.P.P.P. MEASURES TO REDUCE FUGITIVE DISCHARGE AND POTENTIAL FLOODING.
14. KEEP A LOG WITH RECORDS OF ALL INSPECTIONS AND ACTIONS TAKEN TO CORRECT OR MODIFY THE SWPPP. NOTE ALL FAILURES OF THE SWPPP AND ACTIONS TAKEN TO CORRECT ANY DISCHARGES. FAILURE TO DO SO WILL PUT THE SWPPP OUT OF COMPLIANCE.

REGISTERED PROFESSIONAL ENGINEER
NEIL A. GRAEBER
No. 15194
Exp. 9/30/16
CIVIL
STATE OF CALIFORNIA

A TYPICAL SILT TRAP AT DROP INLET (Pre-Pave)

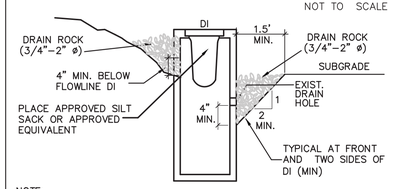
NOT TO SCALE



NOTE:
-FILTER FABRIC MAY BE USED IF THE FABRIC IS SECURED TO THE GRATE AND SUCH THAT FABRIC CAN BE REMOVED FOR MAINTNANCE WITHOUT DEPOSITED SEDIMENT FALLING INTO THE DI.
-IF FILTER FABRIC IS USED IT SHALL BE PLACE LOOSELY TO ALLOW FOR DEPOSITION OF SEDIMENT BETWEEN BMP MAINTENANCE.
-FABRIC MESH SHALL ALSO BE SUCH THAT INTENDED WATER FLOWING INTO THE DI WILL CONTINUE TO ENTER THE DI WITHOUT BYPASSING THE DI.

B TYPICAL SILT TRAP AT AREA DRAIN (Pre-FG)

NOT TO SCALE



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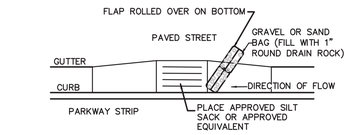
-FABRIC MESH SHALL ALSO BE SUCH THAT INTENDED WATER FLOWING INTO THE DI WILL CONTINUE TO ENTER THE DI WITHOUT BYPASSING THE DI.

C TYPICAL SILT TRAP AT DROP INLET (Post-Pave)

NOT TO SCALE



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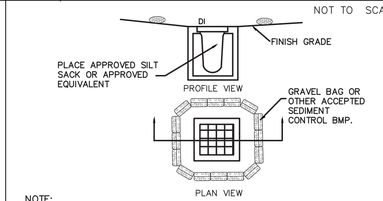
-FABRIC MESH SHALL ALSO BE SUCH THAT INTENDED WATER FLOWING INTO THE DI WILL CONTINUE TO ENTER THE DI WITHOUT BYPASSING THE DI.

D TYPICAL SILT TRAP AT CATCH BASIN (Post-FG)

NOT TO SCALE



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E TYPICAL SILT TRAP AT BACK OF CURB

NOT TO SCALE

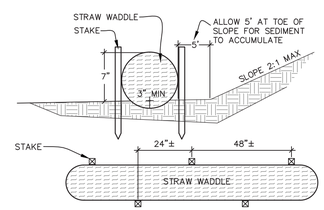
PRIOR TO BUILDING / LANDSCAPING COMPLETION

F TYPICAL SILT FENCE INSTALLATION

NOT TO SCALE

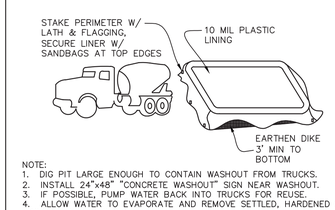
G TYPICAL STRAW WADDLE INSTALLATION

NOT TO SCALE



H TYPICAL CONCRETE WASHOUT

NOT TO SCALE



NOTE:
1. DIG PIT LARGE ENOUGH TO CONTAIN WASHOUT FROM TRUCKS.
2. INSTALL 24"x48" "CONCRETE WASHOUT" SIGN NEAR WASHOUT.
3. IF POSSIBLE, PUMP WATER BACK INTO TRUCKS FOR REUSE.
4. ALLOW WATER TO EVAPORATE AND REMOVE SETTLED, HARDENED CONCRETE TO PROPER LOCAL DUMP SITE.
5. ALTERNATE WASHOUT TYPES AND DESIGN MEETING REGIONAL WATER QUALITY CONTROL BOARD STANDARDS ARE ACCEPTABLE

LEGEND

- PROPOSED STRAW WADDLE
- PROPOSED SILT FENCE – IF NEEDED
- SILT TRAP AT CATCH BASIN
- V-X LOCATION OF ADDITIONAL INSPECTION
- S-X LOCATION OF SAMPLING
- DL-X LOCATION OF DISCHARGE
- PROPOSED GENERAL FLOW DIRECTION

SAMPLE LOCATIONS

– ALL SAMPLES SHALL BE TAKEN FROM THE BOTTOM OF DROP INLET AND/OR THE FLOWLINE INTO THE DROP INLET
–SAMPLES AT LOCATIONS 5, 6, 7 & 8 ONLY NEED TO OCCUR IF THERE IS AN EXCEEDANCE AT LOCATIONS 1, 2, 3 OR 4

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Chico, California

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Chico, California 95926
Phone: (530) 893-1600 Fax: (530) 893-2113
Web Site: www.northstareng.com

BID SET
DATE: 6/10/15

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK
ELEVATION DATUM

DRAWN	RLK
DESIGNED	RLK
CHECKED	NAG
SCALE	N/A

APPROVED

CITY OF OROVILLE
PUBLIC WORKS
1735 MONTGOMERY STREET
OROVILLE, CALIFORNIA 95964
(530) 538-2420

EROSION CONTROL PLAN

TABLE MOUNTAIN / NELSON INTERS.
OROVILLE PUBLIC WORKS

SHEET 16 OF 15 SHEETS
FILE NO. 11-279