

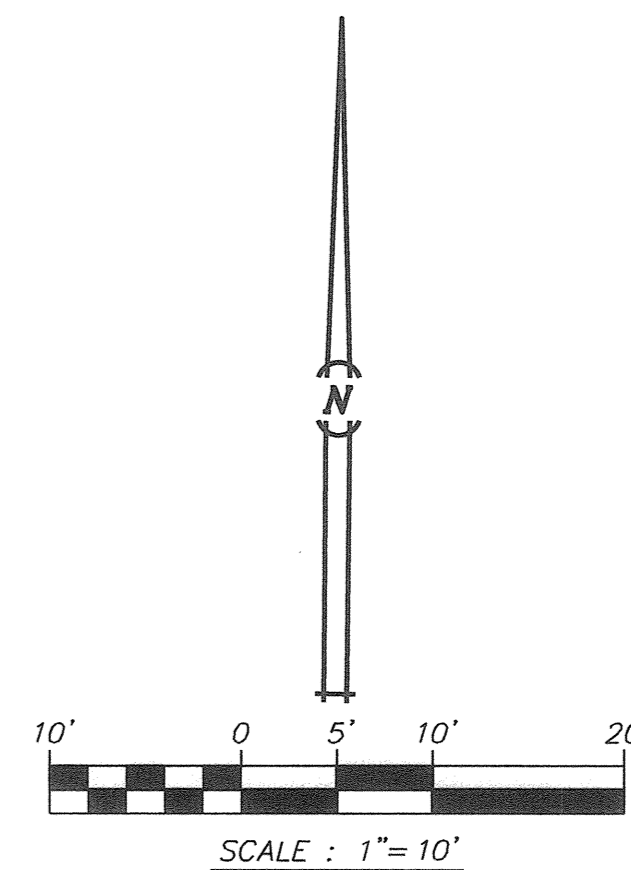
THE NORTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 5 SOUTH, RANGE 10 EAST, MOUNT DIABLO BASE & MERIDIAN (ALSO BEING THE CENTERLINE OF HAWKEYE AVENUE) IS TAKEN TO BE N89°30'10"E, AS SHOWN THE MAP RECORDED IN BOOK 13 OF RECORD OF SURVEYS AT PAGE 21, STANISLAUS COUNTY RECORDS.

BENCHMARK:

DESCRIPTION: BRASS PLUG LOCATED ON NORTHEAST CORNER ON
HAWKEYE AT QUINCY ROAD.

ELEVATION: 111.181

DATUM: CITY OF TURLOCK



1. THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT THE FIRM OF HAWKINS & ASSOCIATES ENGINEERING, INC. WILL PERFORM THE CONSTRUCTION STAKING FOR THE COMPLETE PROJECT. IF, HOWEVER, ANOTHER ENGINEERING AND/OR SURVEYING FIRM SHOULD BE EMPLOYED TO USE THESE PLANS FOR THE PURPOSE OF CONSTRUCTION STAKING, NOTICE IS HEREBY GIVEN THAT THE FIRM OF HAWKINS & ASSOCIATES ENGINEERING, INC. WILL NOT ASSUME ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR MITIGATED IF HAWKINS AND ASSOCIATES ENGINEERING, INC. HAD PERFORMED THE STAKING.

1. BEFORE PLANTING TREES, TRENCHING, POST HOLING, BLASTING, GRADING, EXCAVATING, BORING, DRILLING, ETC. CALL UNDERGROUND SERVICE ALERT FOR UNDERGROUND CLEARANCE. THEY WILL LOCATE AND MARK UNDERGROUND FACILITIES, OR PROVIDE THE NECESSARY LOCATION INFORMATION TO YOU.

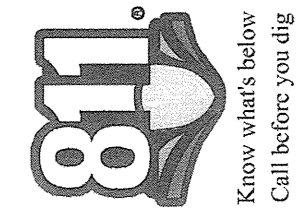
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK.

PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH MAY BE DISTURBED OR LOST DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL SUCH MONUMENTATION IN COMPLIANCE WITH 81771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTIONS 732.5, 142.2.5 AND 1870.0 OF THE CALIFORNIA STREETS AND HIGHWAY CODE.

THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENT THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF THE WORK. SUCH TIES SHALL BE SET IN LOCATION THAT WILL NOT OTHERWISE BE DISTURBED.

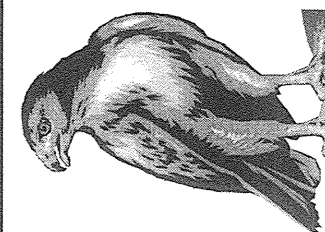
THE CONTRACTOR SHALL BEAR ALL COSTS OF SURVEY, RE-SURVEY, REFERENCE TIES, REPLACEMENT CORNERS, CORNER RECORDS, MARKERS, CHECKED AND RECHECKED POINTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK.

1. EXISTING UNDERGROUND UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE LOCATIONS SHOWN ARE BASED ON RECORD INFORMATION, PROVIDED BY OTHERS, AND BY FIELD LOCATION OF SURFACE FEATURES. THIS INFORMATION IS PROVIDED ONLY AS AN AID TO THE CONTRACTOR. THEREFORE, THE OWNER AND ENGINEER CANNOT ACCEPT RESPONSIBILITY FOR THE LOCATION AND/OR DESIGNATION OF EXISTING UNDERGROUND UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY LOCATED AND OCCURRED TO BY THE CONTRACTOR AND THE OWNER AND ENGINEER (VERTICAL AND HORIZONTAL) OF ALL EXISTING UNDERGROUND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONFLICTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS WORK. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT U.S.A. AT 1-800-227-2600. TEST LINE OF TEXT
2. SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDINANCE (TITLE B CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT AND THE AMENDMENTS THEREUNDER, SHALL APPLY TO ALL UNDERGROUND EXCAVATION. EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, (I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING, AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE PROTECTION OF THE EXISTING UTILITY. THE CONTRACTOR SHALL BE ADVISED THAT THE CONTRACTOR SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

[illegible]

BY:	JMI
CHK:	RHH
DATE:	2020/11/09

**HAWKINS & ASSOCIATES
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TOPOGRAPHY & DEMOLITION PLAN

STORM DRAIN & SURFACE IMPROVEMENTS
CLARA & FOREST DRIVE
TURLOCK, CALIFORNIA



DATE: _____

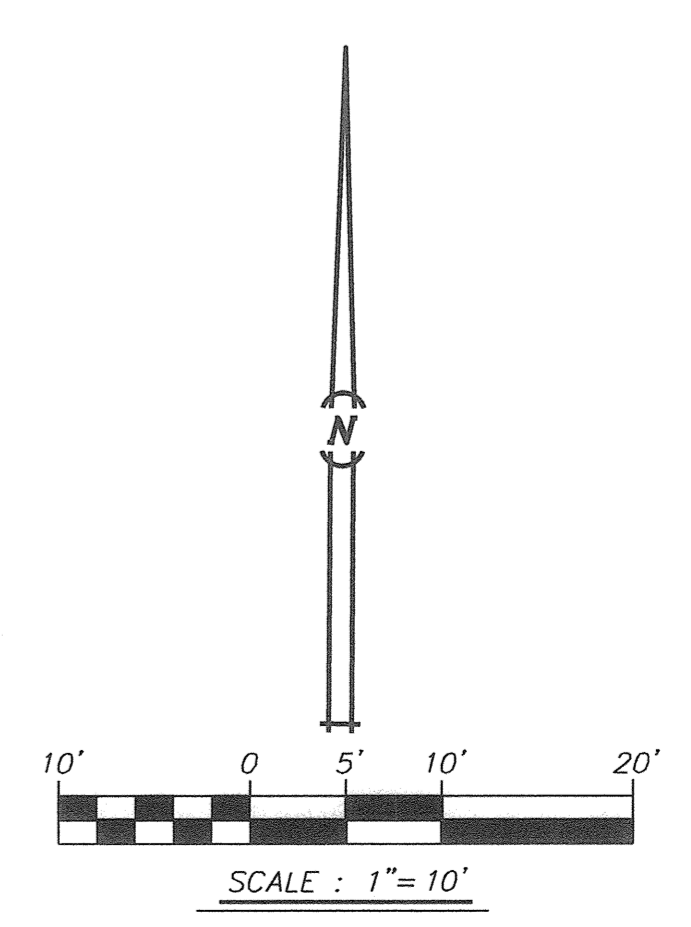
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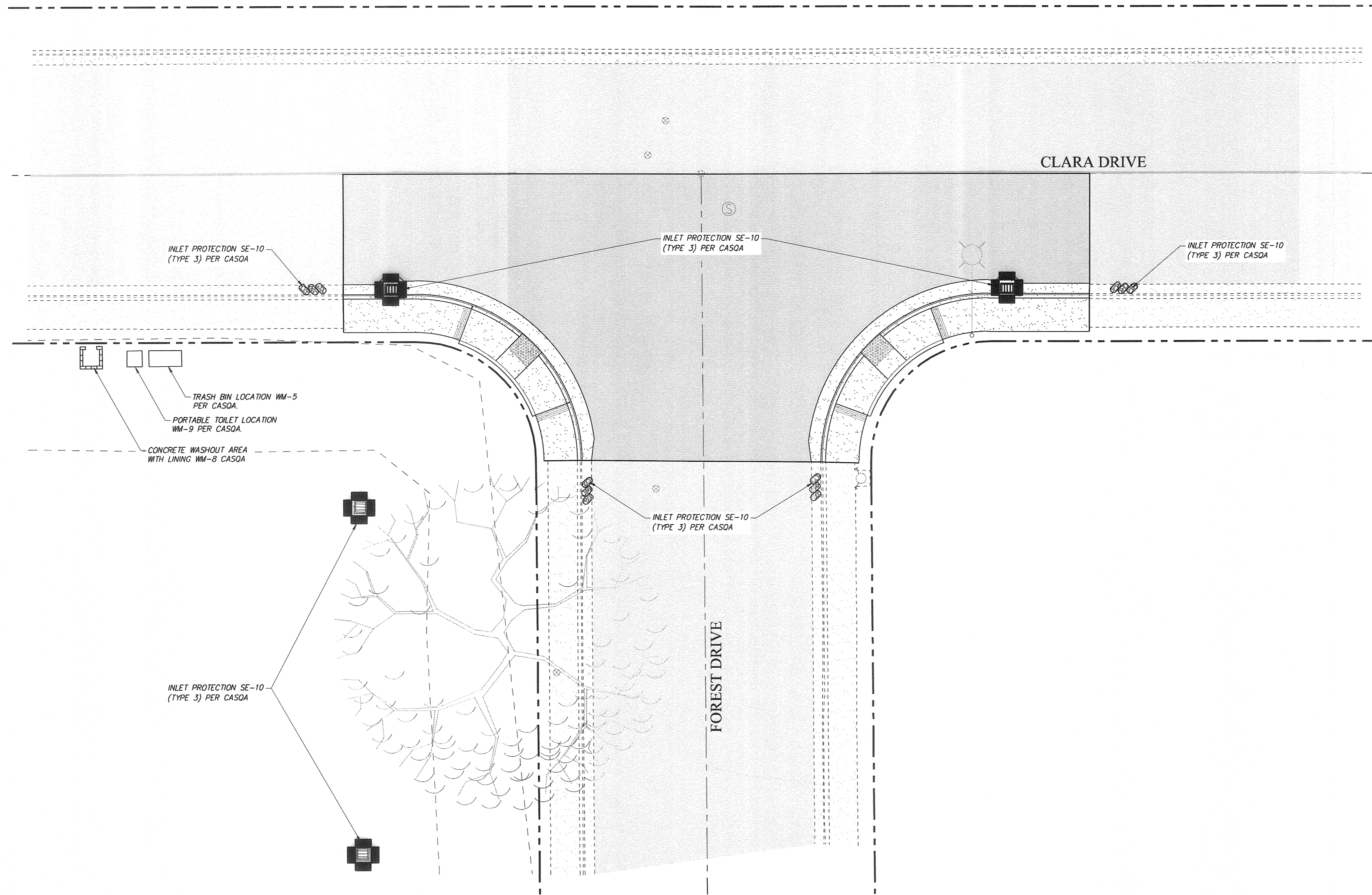
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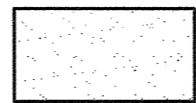
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CONSTRUCTION PHASE

LEGEND



AREA OF PROPOSED CONCRETE (SEE SPECIFICATIONS ON GRADING PLAN)



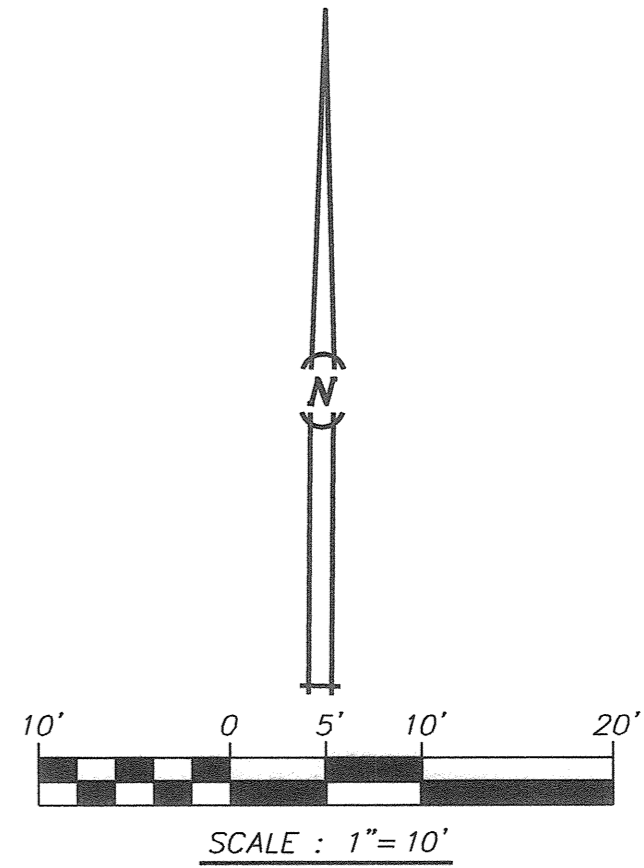
CATCH BASIN STORM POLLUTION PROTECTION
PLACE GRAVEL BAGS AROUND PERIMETER
AND GEO FABRIC UNDERGRADE (TYPE 3, SC-10)



CONCRETE WASTE MANAGEMENT (SEE WM-8) PER
CALTRANS STORM WATER QUALITY HANDBOOK - 2012



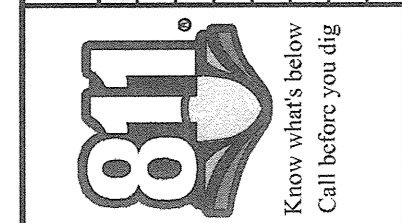
ROCK BAGS



GENERAL STORM WATER MANAGEMENT NOTES

1. CONSTRUCTION SITES ARE COMMON SOURCES OF STORM WATER POLLUTION. MATERIALS AND WASTES THAT BLOW OR WASH INTO A STORM DRAIN, GUTTER, OR STREET HAVE A DIRECT IMPACT ON STORM WATER POLLUTION. THE CONTRACTOR OR OWNER MAY BE RESPONSIBLE FOR ENVIRONMENTAL DAMAGE CAUSED BY SUBCONTRACTORS OR EMPLOYEES.
2. COVER EXPOSED PILES OF SOIL OR CONSTRUCTION MATERIALS WITH PLASTIC SHEETING OR TEMPORARY ROOFS. BEFORE IT RAINS, SWEEP AND REMOVE MATERIALS FROM SURFACES THAT MAY CONTRIBUTE STORM WATERS TO STORM DRAIN FACILITIES.
3. KEEP POLLUTANTS OFF EXPOSED SURFACES. PLACE TRASH CANS AND RECYCLING BINS AROUND THE SITE TO MINIMIZE LITTER.
4. CLEAN UP LEAKS, DRIPS AND OTHER SPILLS IMMEDIATELY SO THEY DO NOT CONTAMINATE SOIL OR GROUNDWATER OR LEAVE RESIDUE ON PAVED SURFACES.
5. COVER AND MAINTAIN DUMPSTERS. CHECK FREQUENTLY FOR LEAKS. PLACE DUMPSTERS UNDER ROOFS OR COVER WITH TARPS OR PLASTIC SHEETING SECURED TO THEM. NEVER CLEAN OUT A DUMPSTER BY HOSEING IT DOWN ON THE CONSTRUCTION SITE. (WM-5)
6. MAINTAIN PORTABLE TOILETS IN GOOD WORKING ORDER. INSPECT FREQUENTLY FOR LEAKS.
7. REMOVE ANY EXISTING VEGETATION ONLY WHEN ABSOLUTELY NECESSARY.
8. PROTECT DOWNSLOPE DRAINAGE COURSES, AND STORM DRAINS WITH "WATTLES", SILT FENCES, OR DIRT BERMS AS NECESSARY. (SE-5)
9. USE CHECK DAMS OR DITCHES TO DIVERT RUNOFF AROUND EXCAVATIONS.
10. PRACTICE SOURCE REDUCTION - MINIMIZE WASTE WHEN YOU ORDER MATERIALS. SUPPLY ONLY SUCH QUANTITIES NECESSARY TO COMPLETE THE JOB.
11. USE RECYCLABLE MATERIALS WHENEVER POSSIBLE.
12. DISPOSE OF ALL WASTES PROPERLY. MANY CONSTRUCTION MATERIALS AND WASTES, INCLUDING SOLVENTS, WATER BASED PAINTS, BROKEN ASPHALT, CONCRETE, WOOD, AND VEGETATION CAN BE RECYCLED. MATERIALS THAT CANNOT BE RECYCLED MUST BE TAKEN TO AN APPROPRIATE LANDFILL OR DISPOSED OF AS HAZARDOUS WASTE. NEVER BURY WASTE MATERIALS OR LEAVE THEM IN STREETS OR NEAR STORM DRAIN FACILITIES. (WM-6)
13. DESIGNATE ONE AREA OF THE CONSTRUCTION SITE, WELL AWAY FROM STORM DRAIN INLETS, FOR AUTO AND EQUIPMENT PARKING. AS PRACTICAL, REFUELING AND ROUTINE VEHICLE AND EQUIPMENT MAINTENANCE TO BE OFF-SITE AT APPROPRIATE SERVICE CENTERS.
14. MAINTAIN ALL VEHICLES AND HEAVY EQUIPMENT. INSPECT FREQUENTLY. (NS-8)
15. PERFORM MAJOR MAINTENANCE, REPAIR, AND VEHICLE/EQUIPMENT WASHING OFF-SITE.
16. DO NOT USE DIESEL OIL TO LUBRICATE EQUIPMENT OR PARTS.
17. NEVER HOSE DOWN "DIRTY" PAVEMENT OR IMPERMEABLE SURFACES WHERE FLUIDS HAVE SPILLED. USE DRY CLEANUP METHODS (ABSORBENT MATERIALS, CAT LITTER, RAGS, ETC.) WHEN POSSIBLE. IF WATER MUST BE USED, USE JUST ENOUGH TO KEEP THE DUST DOWN. (WM-4)
18. SWEEP UP SPILLED DRY MATERIALS IMMEDIATELY. NEVER ATTEMPT TO "WASH THEM AWAY" WITH WATER. OR BURY THEM. USE AS LITTLE WATER AS POSSIBLE FOR DUST CONTROL. (WM-4)
19. CLEAN SPILLS ON DIRT AREAS BY EXCAVATION AND DISPOSAL OF CONTAMINATED SOILS. (WM-4)
20. REPORT SIGNIFICANT SPILLS TO THE APPROPRIATE SPILL RESPONSE AGENCIES IMMEDIATELY. SPILL KIT ON SITE AT ALL TIMES (WM-4)
21. AVOID CREATING EXCESS DUST WHEN BREAKING ASPHALT OR CONCRETE.
22. MAKE SURE BROKEN PAVEMENT DOES NOT COME IN CONTACT WITH RAINFALL OR RUNOFF.
23. SHOVEL OR VACUUM SAW-CUT SLURRY AND REMOVE FROM THE SITE. COVER OR BARRICADE STORM DRAIN DURING SAW-CUTTING AS NECESSARY.
24. STORE BOTH DRY AND WET MATERIALS UNDER COVER, PROTECTED FROM RAINFALL AND RUNOFF. PROTECT DRY MATERIALS FROM WIND.
25. SECURE BAGS OF CEMENT AFTER THEY ARE OPEN. BE SURE TO KEEP WIND-BLOWN CEMENT POWDER AWAY FROM GUTTERS, STORM DRAINS, RAINFALL, AND RUNOFF.
26. WASH OUT CONCRETE MIXERS ONLY IN DESIGNATED WASH-OUT AREAS. WHERE POSSIBLE, RECYCLE WASHOUT BY PUMPING BACK INTO MIXERS FOR REUSE. NEVER DISPOSE OF WASHOUT INTO STREETS, STORM DRAINS, DRAINAGE DITCHES OR BASINS. (WM-8)
27. CONTRACTOR SHALL INSTALL A CITY APPROVED WASH-OUT STRUCTURE AT THE PROJECT SITE AND ALL "FINES" MUST BE WASHED OUT IN DESIGNATED WASH-OUT STRUCTURE, INCLUDING ALL CONCRETE, PAINT, STUCCO AND ALL OTHER LIQUIDS.
28. PLACE "WATTLES" OR OTHER EROSION CONTROL DOWN-SLOPE TO CAPTURE RUNOFF CARRYING MORTAR OR CEMENT BEFORE IT REACHES THE STORM DRAIN. (SE-5)
29. WHEN BREAKING UP PAVING, THOROUGHLY CLEAR ALL PIECES AND DISPOSE PROPERLY. RECYCLE LARGE CHUNKS OF BROKEN CONCRETE AT A LANDFILL. DISPOSE OF SMALL AMOUNTS OF EXCESS DRY CONCRETE, GROUT, AND MORTAR AT AN APPROVED DUMP SITE.
30. CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AS NECESSARY TO KEEP THE ROADS AND PARKING LOT CLEAN AROUND THE PROJECT AREA.
31. THE STRAW WATTLES SHALL BE INSTALLED CONTINUOUSLY AROUND THE PERIMETER OF THE PROJECT AREA AND REMAIN IN PLACE UNTIL LANDSCAPING IS COMPLETED.
32. CONTRACTOR SHALL INSTALL DRAIN INLET PROTECTION FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS LOCATED IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY ON-SITE CATCH BASINS.
33. CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EGRESS FROM PROJECT SITE TO PREVENT TRACKOUT OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY FROM CONSTRUCTION VEHICLES.
34. CONTRACTOR SHALL ENSURE THAT CONSTRUCTION OR DEMOLITION ACTIVITIES DO NOT DEPOSIT SEDIMENT ONTO THE PUBLIC ROADWAY, SIDEWALKS, AND GUTTERS. ALL SEDIMENT AND CONSTRUCTION DEBRIS MUST BE REMOVED BY THE END OF EACH WORKING DAY.
35. CONTRACTOR SHALL USE STREET SWEEPING OR OTHER DRY-SWEEPING METHOD, AS NECESSARY, TO REMOVE CONSTRUCTION OR DEMOLITION-RELATED SEDIMENT FROM PUBLIC SIDEWALKS, GUTTERS, AND ROADWAY.
36. CONTRACTOR SHALL SCHEDULE WORK FOR DRY-WEATHER DAYS WHEN NO RAIN IS THE IMMEDIATE FORECAST.
37. CONTRACTOR SHALL USE WATER TRUCK FOR DUST CONTROL DURING SOIL DISTURBANCE TO PREVENT THE NUISANCE OF BLOWING DUST WITHOUT CAUSING SEDIMENT, DEBRIS, OR LITTER TO ENTER THE CITY STORM DRAIN SYSTEM.

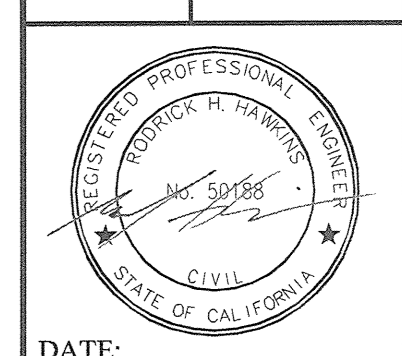
RCE 50188, PLS 0489 RCE 84375	DESCRIPTION OF REVISION	APPROVED
RODRICK H. HAWKINS ANDREW S. FOX	SYMBOL	DATE



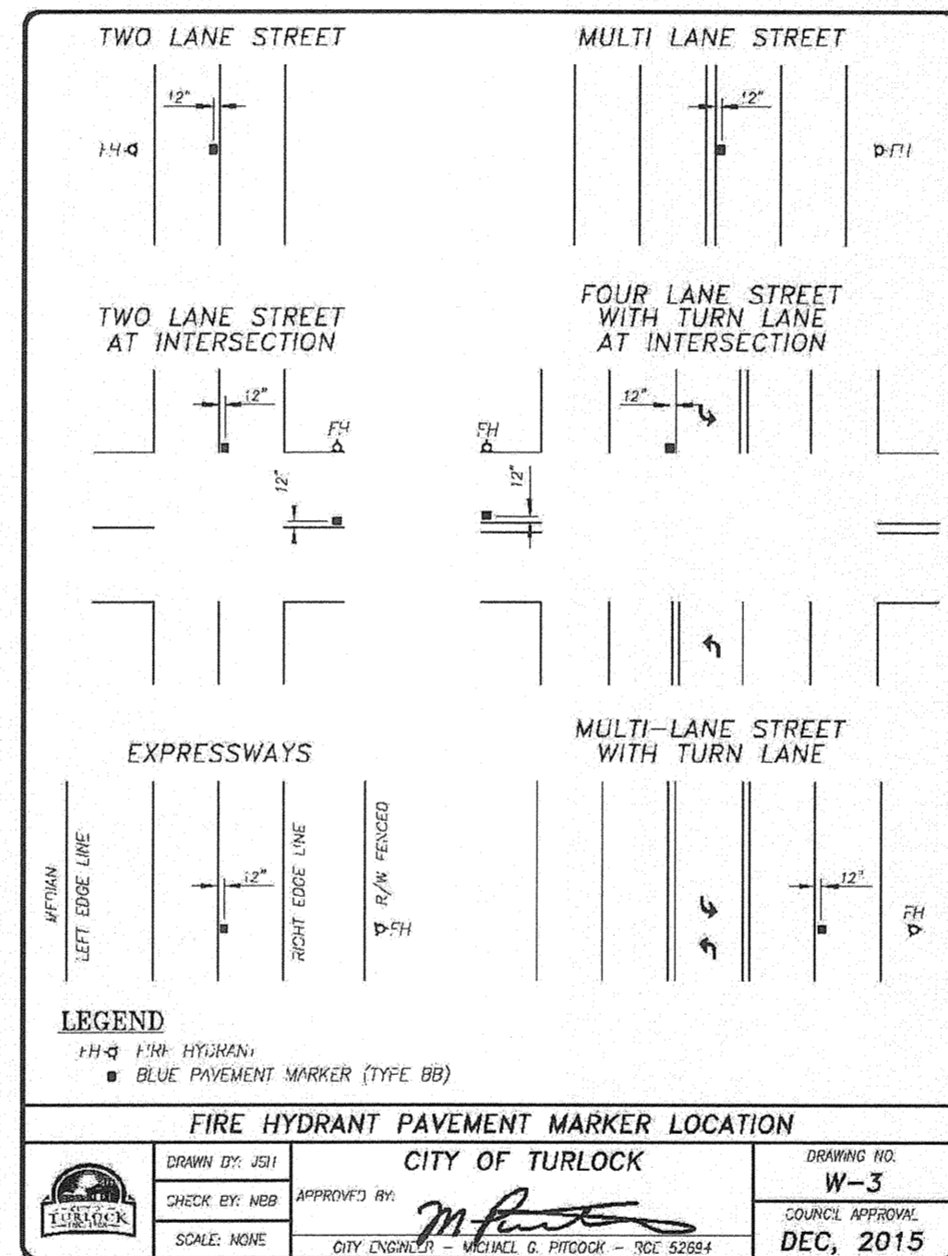
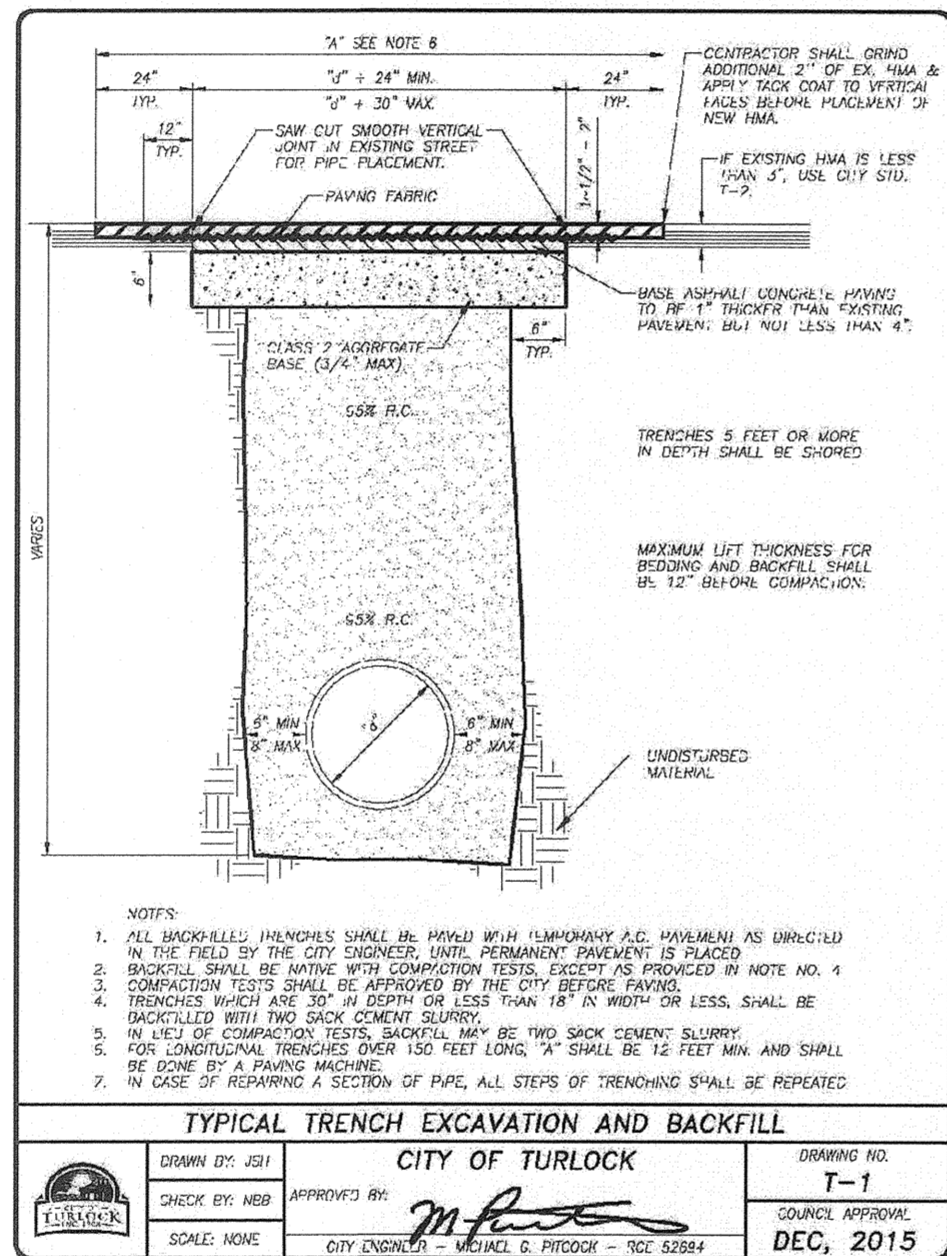
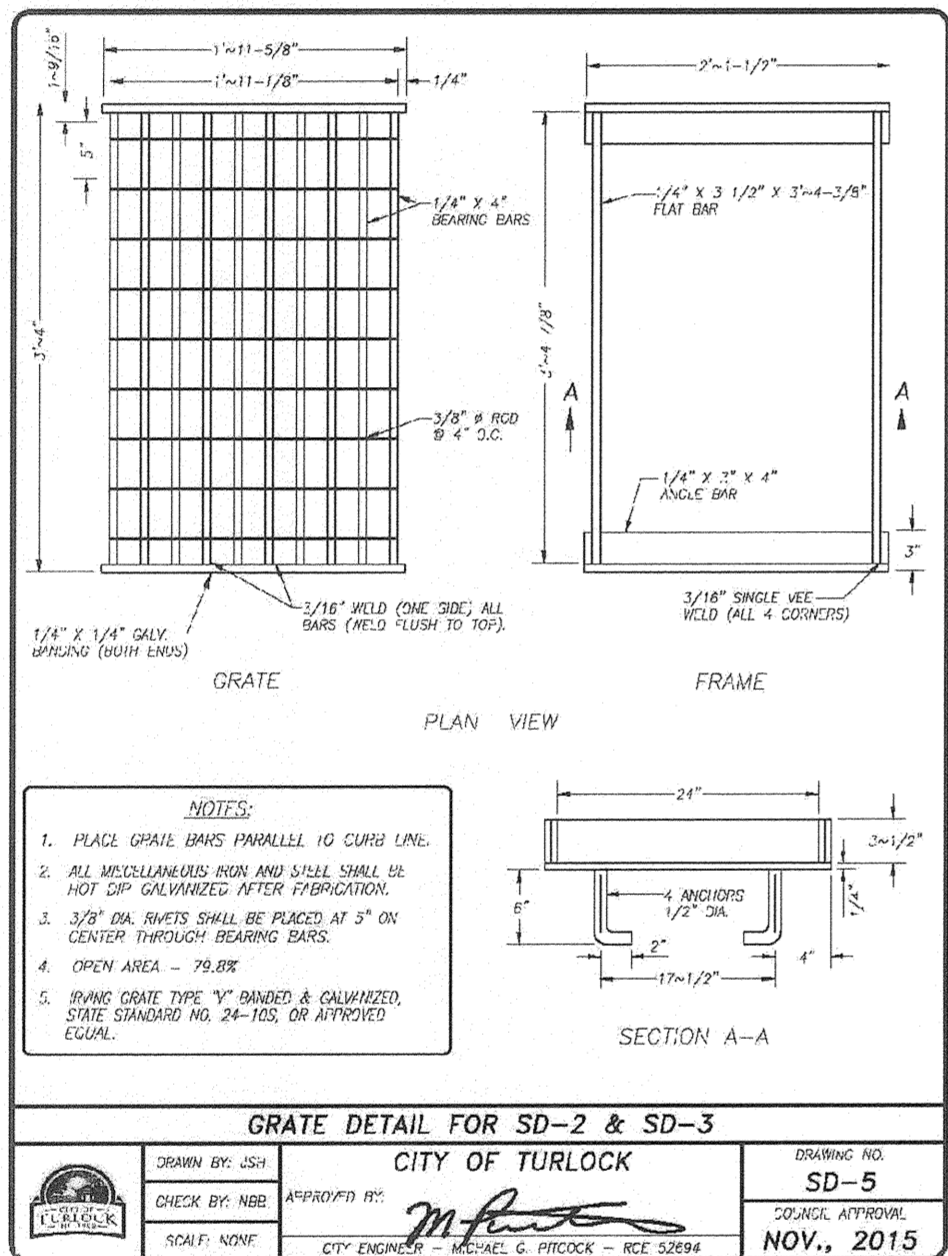
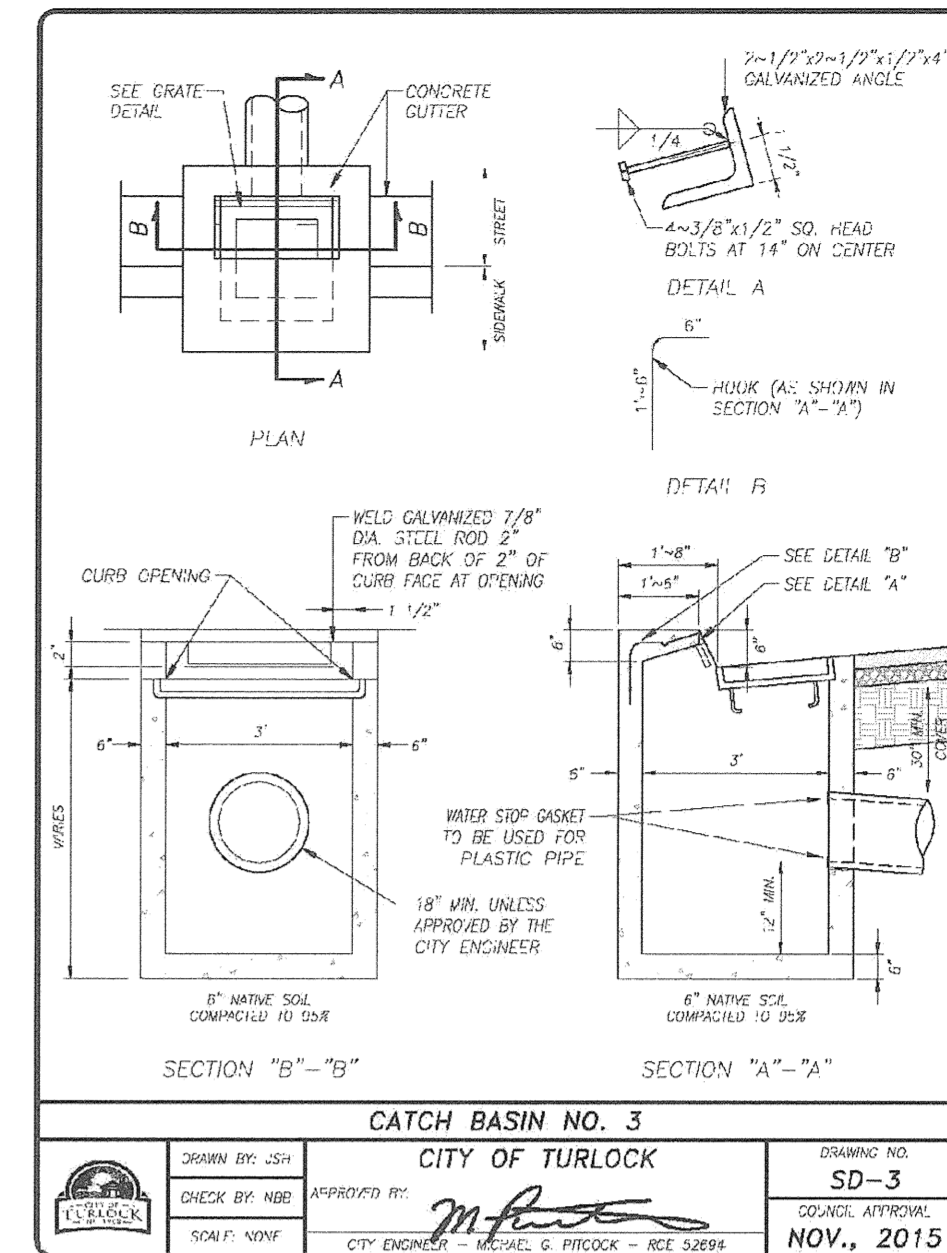
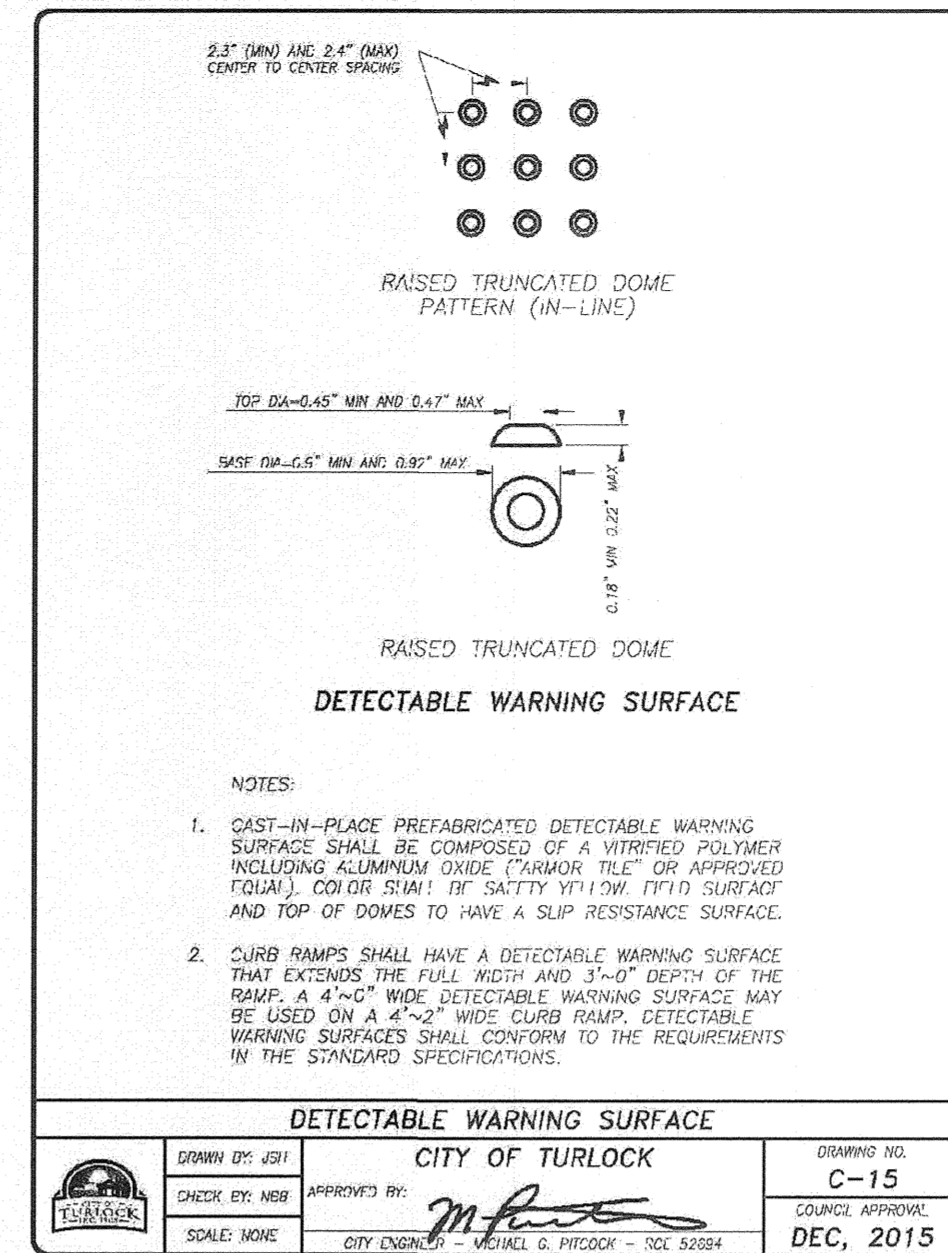
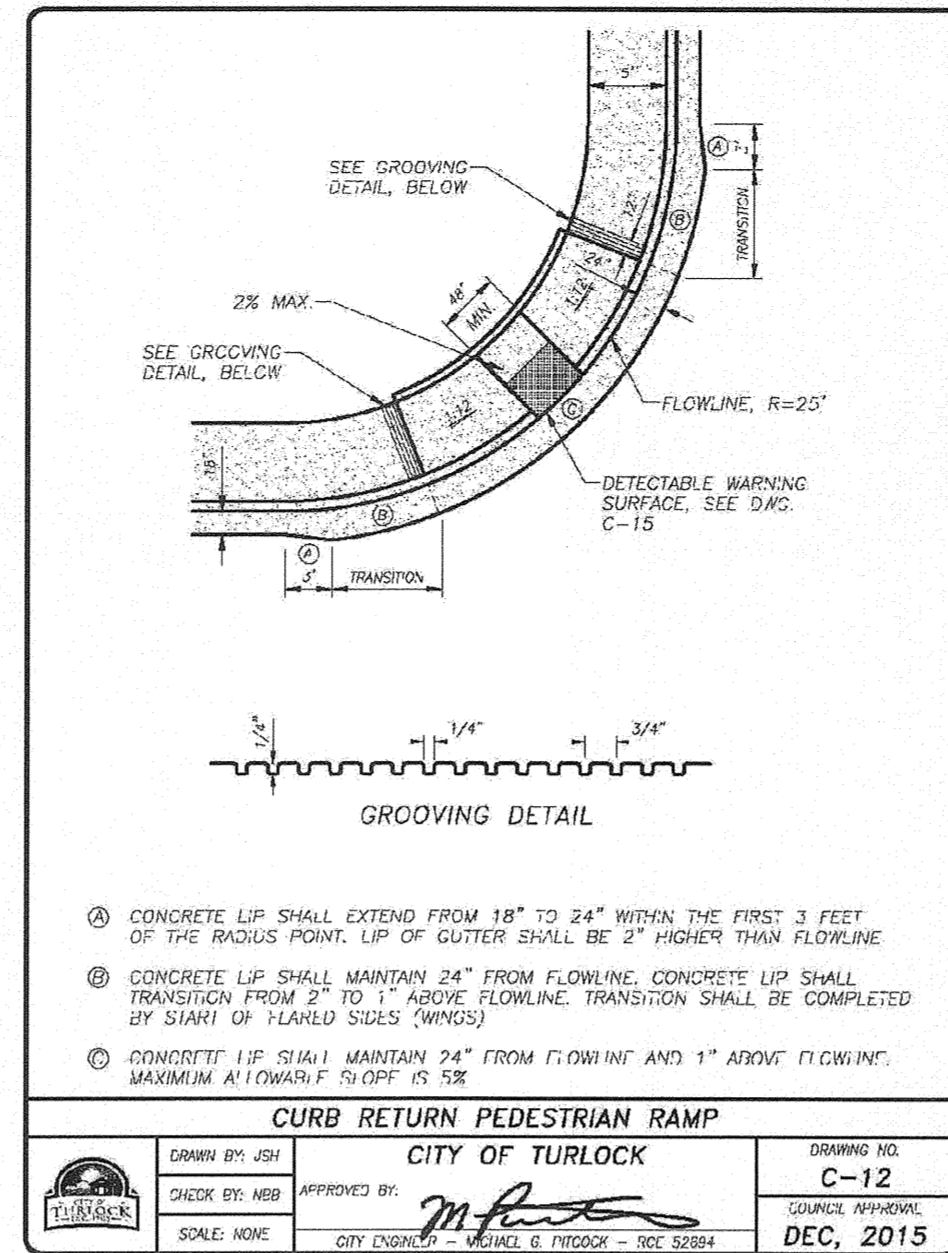
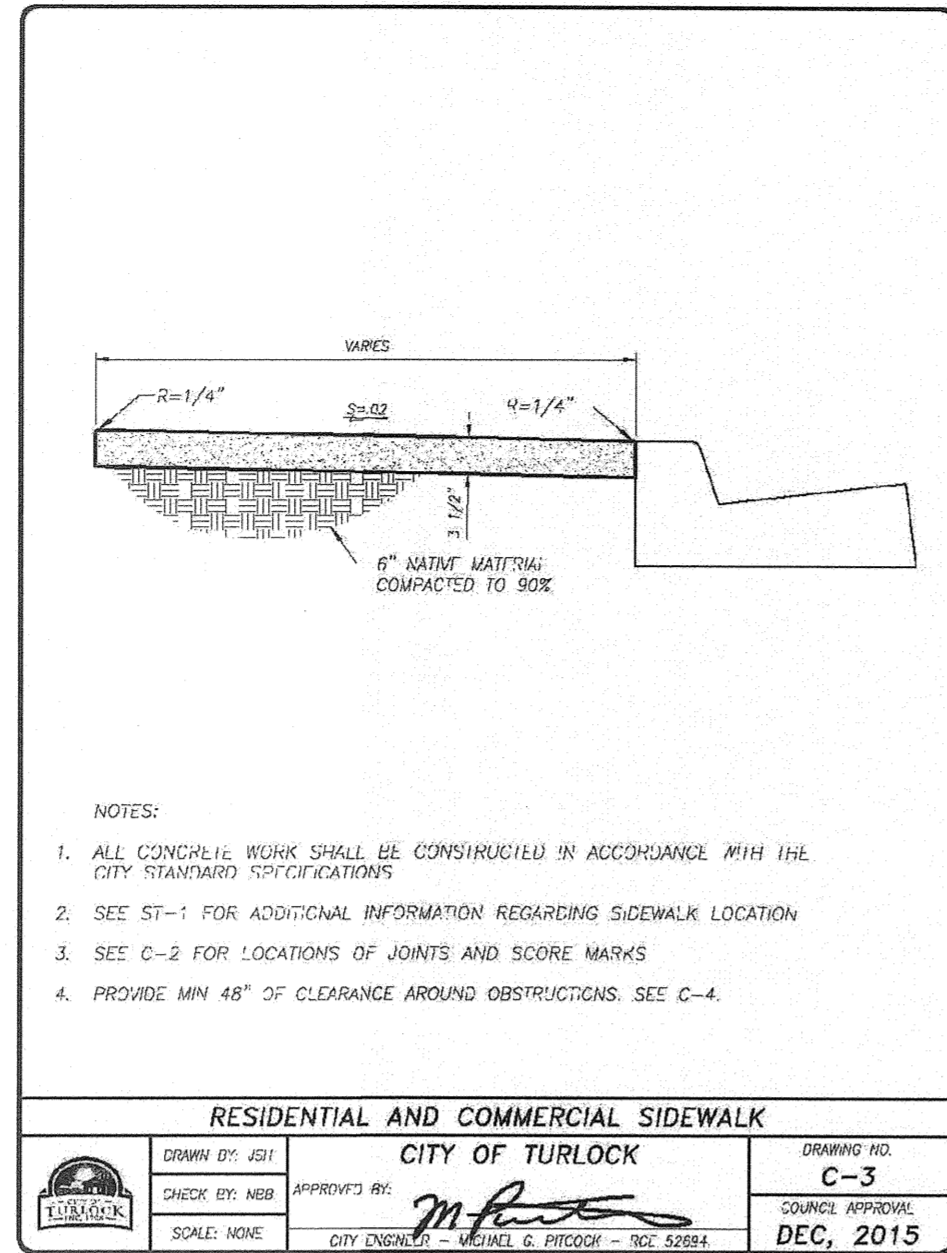
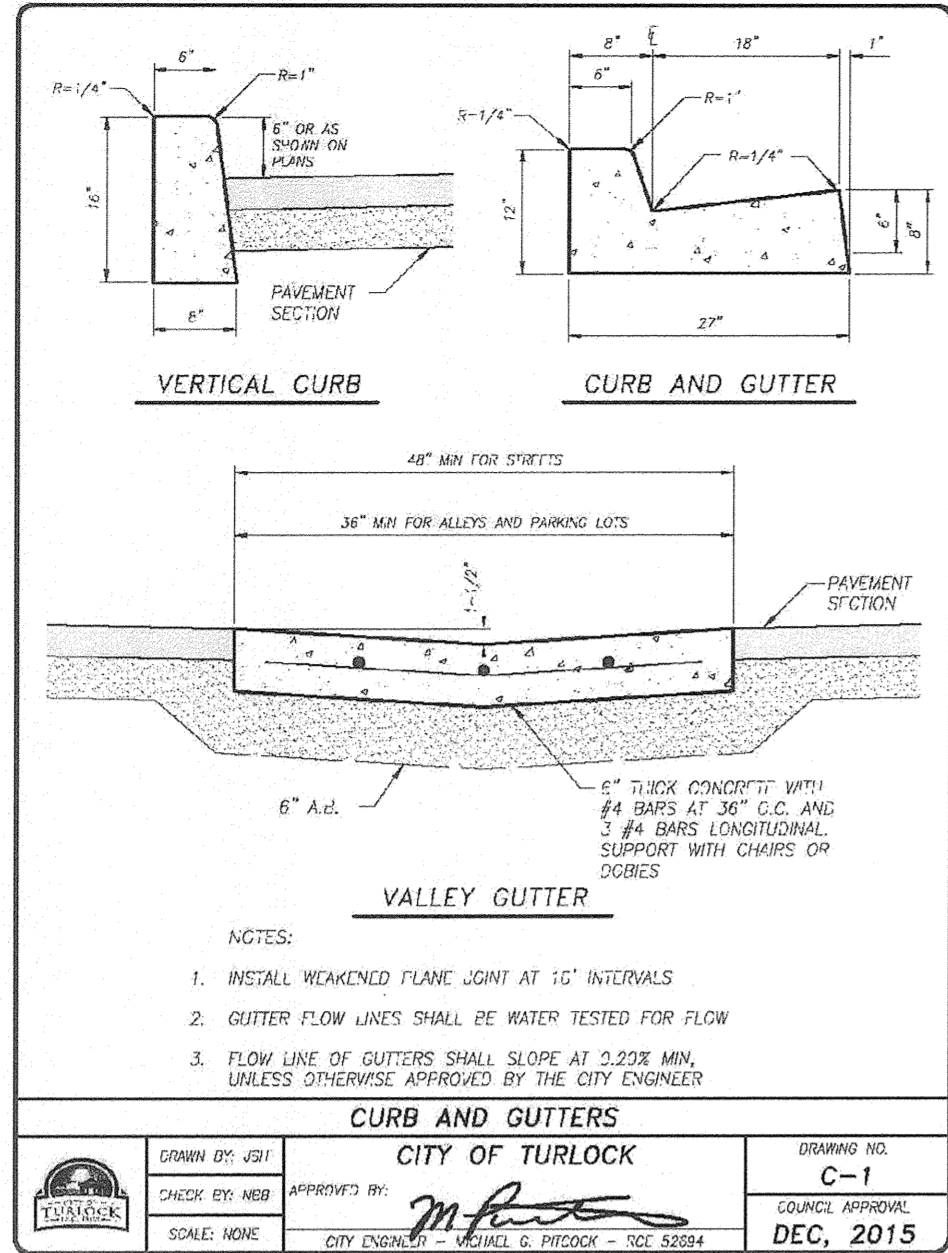
BY: JMI
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DATE: 2020/11/09

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BMP CONTROL PLAN
CP20-028
STORM DRAIN & SURFACE IMPROVEMENTS
CLARA & FOREST DRIVE
TURLOCK, CALIFORNIA



DATE:
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Know what's below. Call before you dig.

BY: JMI

CHK: RHH

DATE: 2020/11/09

RODRICK H. HAWKINS
ANDREW S. FOX
RCE 50188, PLS 5489
RCE 84373

DESCRIPTION OF REVISION

SYNOPSIS

DATE

APPROVED

DATE

SHEET

OF

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3568.00

3568.00

DETAILS SHEET

CP20-028

STORM DRAIN & SURFACE IMPROVEMENTS

CLARA & FOREST DRIVE

TURLOCK, CALIFORNIA

PROFESSIONAL ENGINEER

RODRICK H. HAWKINS

PLS 5489

CIVIL

STATE OF CALIFORNIA

DATE:

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