

SHEET INDEX

PROPERTY INFORMATION:

APN:
 LOT #, BLOCK #
 M.B.
 TRACT NO.
 LATITUDE & LONGITUDE
 PROPERTY TYPE
 LOT SIZE
 BUILDING SQUARE FOOTAGE
 SITE ADDRESS

LID INFORMATION

SOIL INFILTRATION RATE:
 SOIL TYPE:
 BMP TYPE:
 TOTAL DRAINAGE AREA (ACRES):
 STORAGE CAPACITY (CUBIC FEET):
 STORM WATER QUALITY DESIGN VOLUME (CUBIC FEET):
 PERCENT OF IMPERVIOUSNESS OF DRAINAGE AREA:
 BMP DESIGN CAPACITY VOLUME:
 PROPERTY OWNER INFORMATION
 PERVIOUS AREA
 IMPERVIOUS AREA

LEGEND

REGIONAL MAP



SCALE:

SITE MAP



SCALE:

PUBLIC WORKS STANDARD NOTES

GENERAL CONSTRUCTION NOTES:

- CONSTRUCTION WORK HOURS ARE LIMITED TO 8:00 AM TO 6:00 PM, MONDAY THROUGH FRIDAY. WORK PROHIBITED ON SATURDAYS, SUNDAYS AND NATIONAL HOLIDAYS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK"), AND CITY OF HERMOSA BEACH PUBLIC WORKS STANDARD PLANS.
- ALL WORK DONE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE DONE BY A LICENSED CONTRACTOR WITH A CLASS A, C-8 OR C-12 LICENSE FOR ALL SIDEWALK, CURB AND GUTTER; C-12 LICENSE FOR ALL STREET PAVEMENT WORK; AND CLASS C-34 LICENSE FOR UTILITY WORK SUCH AS SEWER LATERAL, SEWER CAP AND UNDERGROUND UTILITY WORK IN CONJUNCTION WITH A SINGLE FAMILY RESIDENTIAL STRUCTURE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS. PUBLIC WORKS TEMPORARY RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ANY SCAFFOLDING, UTILITY TRENCHING, LUMBER DROPS, CRANES, DUMPSTERS, ETC. ON PUBLIC PROPERTY. THE PUBLIC WORKS PERMIT MUST BE ON THE JOB SITE AND AVAILABLE FOR REVIEW BY CITY OFFICIALS AT ALL TIMES. IF ANY WORK HAS BEGUN BEFORE OBTAINING A PERMIT, THE JOB WILL BE STOPPED UNTIL THE PERMIT IS OBTAINED.
- ALL CONTRACTORS WORKING ON PUBLIC WORKS PROJECTS MUST HAVE A CURRENT CITY OF HERMOSA BEACH BUSINESS LICENSE.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 TWO WORKING DAYS BEFORE PERFORMING ANY DIGGING. SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES THAT A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID.
- ALL EXCAVATIONS SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY AND ROADS OPENED TO VEHICULAR TRAFFIC UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- CONTACT PUBLIC WORKS FOR INSPECTION AT LEAST 24 HOURS IN ADVANCE. INSPECTIONS ARE AVAILABLE MONDAY THROUGH FRIDAY, 8:30 A.M. TO 12:00 A.M. AND 1:00 P.M. TO 4:30 P.M.; OFFICE COUNTER ASSISTANCE IS AVAILABLE FROM 7:00 A.M. TO 8:30 A.M. AND 4:30 P.M. TO 6:00 P.M.
- ALL FORMS AND COMPACTION SHALL BE INSPECTED PRIOR TO ANY CONCRETE POUR OR ASPHALT BEING PLACED.
- ALL SURVEY POINTS AND MONUMENTS SHALL BE PROTECTED IN PLACE OR RE-ESTABLISHED IF THEY ARE REMOVED OR DESTROYED DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL, DUST CONTROL, AND TEMPORARY DRAINAGE CONTROL AT ALL TIMES.
- ALL CONSTRUCTION TO BE IN CONFORMANCE WITH THE REGULATIONS OF CAL-OSHA.

GENERAL NOTES FOR STREET AND STORM DRAIN IMPROVEMENTS:

- ALL STREET CLOSURES REQUIRE A TRAFFIC CONTROL PLAN TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION. ALL TRAFFIC CONTROL SHALL BE PER THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) MANUAL. STREET CLOSURES APPROVED BY THE CITY ENGINEER WILL REQUIRE A MINIMUM OF 48 HOUR NOTICE TO BE POSTED AND DISTRIBUTED WITH PROPER DOOR-HANGERS TO ALL RESIDENCES ON SAME BLOCK. THE CONTRACTOR SHALL ALSO NOTIFY THE DISPATCH CENTER FOR HERMOSA BEACH POLICE AND FIRE DEPARTMENTS AT (310) 524-2750 OF ANY CLOSURES OR RESTRICTIONS IN ACCESS.
- GRAFFITI IN FRESHLY POURED CONCRETE SHALL BE REMOVED BY WHATEVER MEANS NECESSARY UP TO AND INCLUDING REMOVAL AND REPLACEMENT.
- ANY ASPHALT OR CONCRETE PAVEMENT WITHIN THE PROPERTY LIMITS THAT IS DAMAGED PRIOR TO CONSTRUCTION SHALL BE REMOVED AND REPLACED TO MEET CURRENT CITY STANDARDS.
- ANY PUBLIC PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND OR BETTER TO THE SATISFACTION OF THE CITY PUBLIC WORKS INSPECTOR. THE CITY SHALL AT ITS DISCRETION, AND IN THE INTEREST OF PUBLIC SAFETY, MAKE ANY REPAIRS DEEMED NECESSARY; THE COST OF WHICH WILL BE DEDUCTED FROM THE DEPOSIT HELD BY THE CITY.
- ALL EXISTING PAVEMENT TO BE REMOVED SHALL BE SAW-CUT OR WHEEL-CUT AND REMOVED TO CLEAN STRAIGHT LINES.
- AT ALL LOCATIONS WHERE NEW PAVEMENT JOINS EXISTING, THE EXISTING PAVEMENT SHALL BE COATED WITH AN ASPHALTIC EMULSION.

GENERAL NOTES FOR SEWER AND UTILITY IMPROVEMENTS:

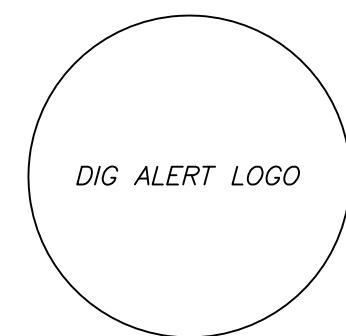

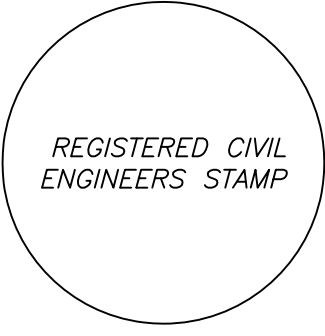
- SEPARATION OF SEWER AND WATER FACILITIES SHALL BE IN CONFORMANCE WITH LATEST EDITION OF THE STATE OF CALIFORNIA DEPT OF HEALTH SERVICES.
- SEWER LATERALS SHALL BE CONNECTED TO THE SEWER MAIN WITH WYES.
- THE SEWER LINE SHALL BE TESTED PRIOR TO MAKING PERMANENT SERVICE CONNECTIONS.
- BACKFILL OF TRENCHES SHALL BE DONE IN LIFTS OF NO MORE THAN 8-INCHES WITH WATER AND APPROPRIATE COMPACTION TOOLS USED BETWEEN EACH LIFT. ONE SACK SLURRY MIX CAN BE USED IN PLACE OF NATIVE SOIL. AFTER BACKFILLING THE TRENCH, A TEMPORARY ASPHALT PATCH SHALL BE PLACED OVER THE TRENCH AND REMAIN FOR NO MORE THAN TWO WEEKS. THE FINAL PATCH SHALL BE A MINIMUM OF 5" THICK OR 1" THICKER THAN THE EXISTING PAVEMENT. THE CONTRACTOR SHALL FOLLOW THE LATEST HERMOSA BEACH STANDARD PLANS FOR AC AND P.C.C. PAVEMENT.
- THE FINAL PATCH IN ASPHALT STREETS SHALL BE DONE IN TWO LIFTS, A BASE OF 3" MINIMUM 3/4" AGGREGATE AND A TOP LIFT OF 2" OF 3/8" AGGREGATE. ALL EDGES OF THE CUT ASPHALT TO BE TACKED THOROUGHLY AND THE PATCH COMPACTED BY MECHANICAL MEANS TO A HEIGHT SLIGHTLY HIGHER THAN THE EXISTING ASPHALT AND ALL EDGES TO BE TACKLE.
- THE FINAL PATCH ON CONCRETE STREETS TO BE CLASS 3500 P.S.I (7 SACK). EXISTING CONCRETE TO BE DRILLED TWO AND ONE HALF INCHES (2 1/2") BELOW THE SURFACE TO A DEPTH OF 6" MINIMUM AND DOWELLED WITH #9 REBAR ON 18" SPACING. FINISH TO MATCH EXISTING OR MEDIUM BROOM.
- ALL UTILITY BOXES ARE TO BE ADJUSTED TO THE NEW GRADE. DAMAGED BOXES SHALL BE REPLACED. KEEP ALL UTILITY BOXES OUT OF DRAINAGE FLOW LINES, CURB RETURNS, DRIVEWAY APPROACH AND WHEEL CHAIR RAMPS, UNLESS APPROVED BY THE CITY ENGINEER.

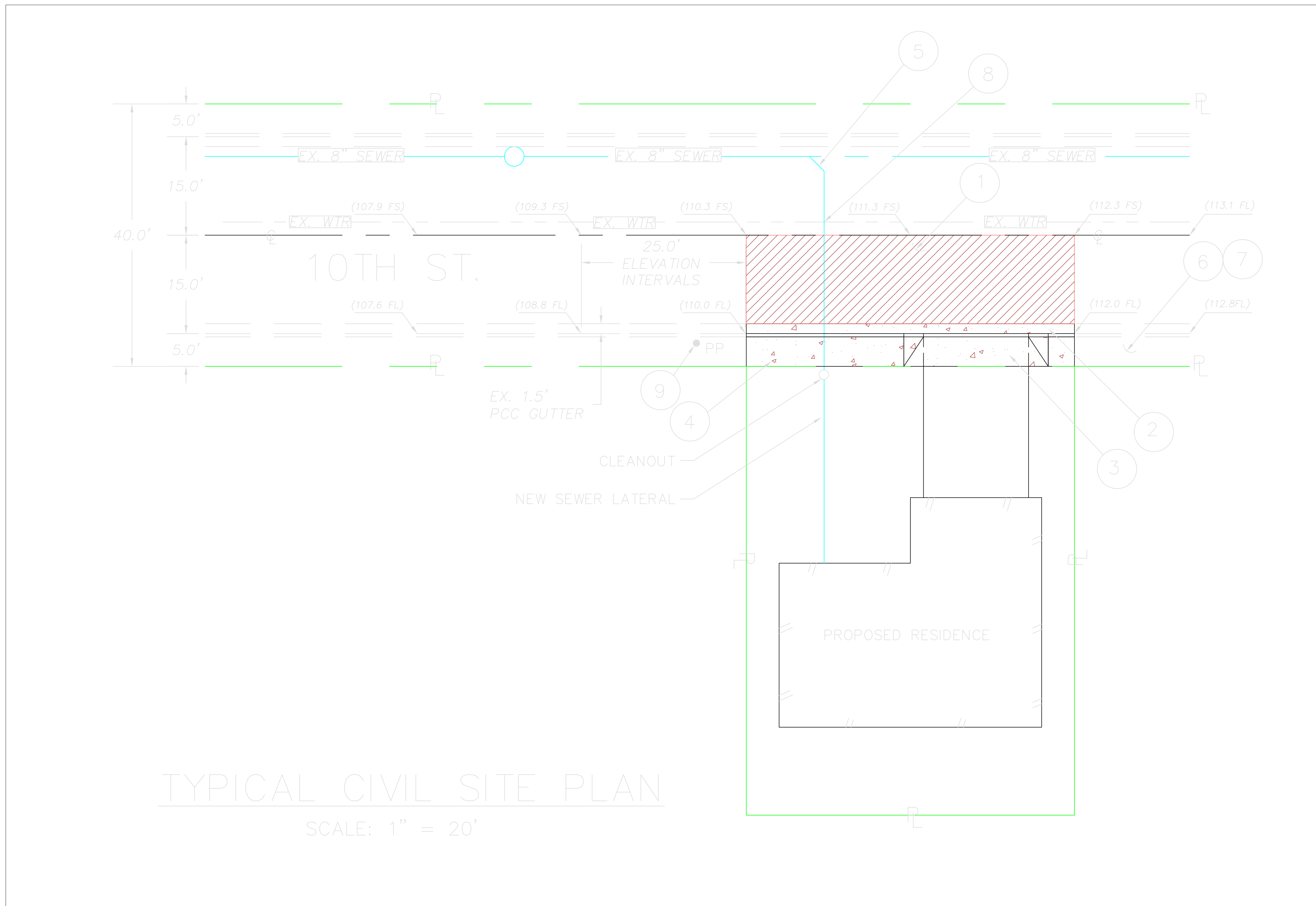
JOB SAFETY REQUIREMENTS:

- PROPER BARRICADES SHALL BE PLACED AROUND ANY CONSTRUCTION SITE WITHIN THE PUBLIC RIGHT-OF-WAY. THESE BARRICADES SHALL COMPLY WITH THE REQUIREMENTS OF THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) MANUAL.
- ALL CONSTRUCTION FENCING SHALL BE BEHIND THE SIDEWALK AND ALL CONSTRUCTION MATERIAL WITHOUT PERMITS ARE TO BE BEHIND THE FENCE. SIDEWALKS ARE TO BE ACCESSIBLE TO PEDESTRIANS AT ALL TIMES.
- NO CONSTRUCTION EQUIPMENT, CONSTRUCTION MATERIAL, PORTABLE TOILETS, DUMPSTERS, ETC. SHALL BE LEFT ON THE PUBLIC RIGHT-OF-WAY WITHOUT PROPER PERMITS. THESE OBSTRUCTIONS MUST HAVE PROPER BARRICADES WITH FLASHING YELLOW LIGHTS AFTER DARK.
- ANY PUBLIC SIDEWALK DAMAGED TO THE POINT OF CAUSING A TRIP HAZARD MUST BE REPAIRED IMMEDIATELY. THE PANEL OF CONCRETE SHALL BE REMOVED AND PATCHED WITH A TEMPORARY ASPHALT PATCH AND MUST BE KEPT IN GOOD REPAIR UNTIL THE PERMANENT SIDEWALK IS CONSTRUCTED.
- ALL VEHICLES THAT INTRUDE INTO A NORMAL TRAFFIC LANE MUST HAVE PROPER SIGNAGE AND BARRICADES AS REQUIRED BY THE (WATCH) MANUAL.
- ALL WORK VEHICLES ARE SUBJECT TO ALL APPLICABLE PARKING RESTRICTIONS.
- FLAGMEN ARE REQUIRED FOR ANY VEHICLES THAT BLOCK THE TRAVEL LANE AND REQUIRE TRAFFIC TO USE THE OPPOSING LANE TO PASS.

WATER QUALITY REQUIREMENTS:

- PRECAUTIONS SHALL BE TAKEN TO PREVENT ANY CONSTRUCTION MATERIAL, DEBRIS OR RUNOFF FROM ENTERING ANY PUBLIC RIGHT-OF-WAY OR COUNTY STORM DRAIN. ALL SAW CUT RESIDUE MUST BE RETAINED WITH BERMS OR SANDBAGS AND VACUUMED TO PREVENT IT FROM ENTERING INTO ANY STORM DRAIN SYSTEM.
- SANDBAGS ARE REQUIRED FOR EROSION CONTROL DURING THE RAINY SEASON, OCTOBER 15TH THROUGH APRIL 15TH, AND MAY BE REQUIRED AT OTHER TIMES. SANDBAGS ARE REQUIRED AT NEARBY CATCH BASINS DURING CONSTRUCTION. SANDBAGS SHALL BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
- MAKE SURE BROKEN PAVEMENT DOES NOT COME IN CONTACT WITH RAINFALL OR RUNOFF.
- SHOVEL OR VACUUM SAW-CUT SLURRY AND REMOVE FROM THE SITE. FOR DISPOSAL INFORMATION CONTACT THE L.A. COUNTY DEPARTMENT OF PUBLIC WORKS AT 800-552-5218.
- COVER OR BARRICADE STORM DRAIN OPENINGS DURING SAW-CUTTING.
- DURING CONSTRUCTION:
 - PROTECT CATCH BASINS AND MAINTENANCE HOLES WHEN APPLYING SEAL COAT, SLURRY SEAL, FOG SEAL, ETC.
 - USE CHECK DAMS, DITCHES OR BERMS TO DIVERT RUNOFF AROUND EXCAVATIONS.
 - COLLECT AND RECYCLE EXCESS ABRASIVE GRAVEL OR SAND.
 - AVOID OVER-APPLICATION BY WATER TRUCKS FOR DUST CONTROL.
 - NEVER HOSE DOWN "DIRTY" PAVEMENT OR SURFACES. CLEAN UP ALL SPILLS AND LEAKS USING "DRY" METHODS (WITH ABSORBENT MATERIALS AND /OR RAGES), OR DIG UP AND REMOVE CONTAMINATED SOIL. FOR DISPOSAL INFORMATION CALL (800) 552-5218.
 - CATCH DRIPS FROM PAVER WITH DRIP PANS OR ABSORBENT MATERIAL (CLOTH, RAGS, ETC.) PLACED UNDER MACHINE WHEN NOT IN USE.

BENCH MARK: No. _____, ELEV. _____ DATE ADJ. _____, QUAD. _____		REVISIONS				PLANS PREPARED BY: 	CITY OF HERMOSA BEACH PUBLIC WORKS DEPARTMENT	PRIVATE IMPROVEMENT PLANS	FILE NUMBER 17014-CIVIL													
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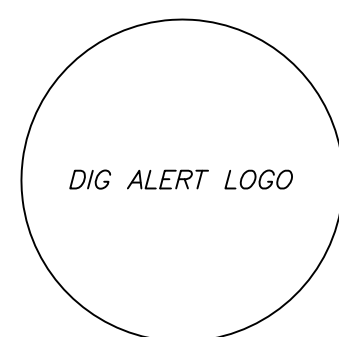
CONSTRUCTION NOTES

- 1 GRIND AND CONSTRUCT 2" AC OVERLAY. REMOVE AND REPLACE DETERIORATED PAVEMENT P.C.C. PAVEMENT. REPLACEMENT SHALL BE PER THE CITY OF HERMOSA BEACH STANDARD PLAN #, PL TO PL OR THE NEXT CONSTRUCTION JOINT, WHICHEVER IS GREATER
- 2 CONSTRUCT NEW PCC CURB AND GUTTER PER CITY OF HERMOSA BEACH STANDARD PLAN #, PL TO PL OR THE NEXT CONSTRUCTION JOINT, WHICHEVER IS GREATER
- 3 CONSTRUCT NEW 6" PCC DRIVEWAY PER CITY OF HERMOSA BEACH STANDARD PLAN #.
- 4 CONSTRUCT NEW 4" PCC SIDEWALK, PL TO PL PER CITY OF HERMOSA BEACH STANDARD PLAN #, PL TO PL OR THE NEXT CONSTRUCTION JOINT, WHICHEVER IS GREATER
- 5 CONSTRUCT NEW 6" VCP SEWER LATERAL PER APWA STD PLAN NO 222-1. CONNECTION INTO MAIN LINE SHALL INCORPORATE THE INSTALLATION OF A NEW "WYE". SADDLES SHALL NOT BE ALLOWED.
- 6 CONSTRUCT NEW CURB RAMP PER THE SPPWC STD PLAN NO 111-5
- 7 RELOCATE ANY EXIST UTILITY VAULTS, PULL BOXES, ETC. THAT ARE CONTAINED WITHIN PROPOSED CURB RAMPS, CURBS AND GUTTERS, DRIVEWAYS, AND/OR DRAINAGE PATHS.
- 8 TRENCH SEPERATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH CALIFORNIA DEPARTMENT OF HEALTH SERVICES, "CRITERIA FOR THE SEPERATION OF WATER MAINS AND NON-POTABLE PIPELINES."
- 9 ALL EXISTING OVERHEAD UTILITY SERVICES ENTERING THE PROPERTY SHALL BE UNDERGROUNDED. EXISTING POINT OF SERVICE CONNECTIONS FOR ALL SERVICES SHALL BE SHOWN ON THE PLAN.
- 10 ALL EXISTING SURVEY POINTS, MONUMENTS, BENCHMARKS SHALL BE PROTECTED IN PLACE. TAMPERED, REMOVED, OR DAMAGED POINTS SHALL BE RESET.
- 11 CONTRACTOR SHALL IMPLEMENT AND MAINTAIN BMPs. THE PUBLIC RIGHT-OF-WAY SHALL NOT BE USED AS STORAGE AREA AND AREA SURROUNDING SITE SHALL BE CLEARED OF DEBRIS.

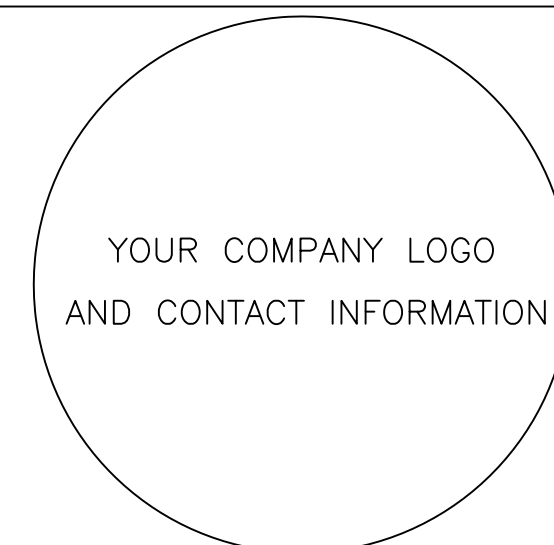


SCALE:

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△	1ST SUBMITTAL	
△	2ND SUBMITTAL	



PLANS PREPARED BY:

REGISTERED CIVIL ENGINEERS STAMP

ENGINEER NAME, RCE LICENSE No. _____ DATE _____

CITY OF HERMOSA BEACH
 PUBLIC WORKS DEPARTMENT

RECOMMENDED FOR PERMIT ISSUANCE:

DATE _____

PRIVATE IMPROVEMENT PLANS

PROJECT ADDRESS
 CIVIL PLANS

FILE NUMBER
 17014-CIVIL

C-2
 SHT. ___ OF ___