

## GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHOULD BE FAMILIAR WITH ALL STATE AND LOCAL REQUIREMENTS RELATED TO SITE CONSTRUCTION ACTIVITIES PRIOR TO COMMENCING WORK. ALL WORK SHALL CONFORM AS APPLICABLE TO THESE GOVERNING STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. THE CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORT BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER OR THE ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF CALIFORNIA LICENSED LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
14. ANY EXISTING UTILITY, WHICH IS TO BE EXTENDED, WHICH IS THE CONNECTION POINT FOR NEW UNDERGROUND UTILITIES, OR WHICH NEW FACILITIES CROSS, SHALL BE EXPOSED BY THE CONTRACTOR PRIOR TO PLACEMENT OF THE NEW UTILITIES. COST OF SUCH EXCAVATION AND SUBSEQUENT BACKFILL SHALL BE INCLUDED IN THE PRICES PAID FOR THE VARIOUS ITEMS OF WORK. THE ELEVATIONS AND LOCATIONS OF THE EXISTING FACILITIES WILL BE CHECKED BY THE PUBLIC WORKS INSPECTOR AND THE ENGINEER. IF IN THE OPINION OF THE INSPECTOR A CONFLICT EXISTS, THEN THE ENGINEER SHALL MAKE ANY NEEDED GRADE AND/ OR ALIGNMENT ADJUSTMENTS AND REVISE THE PLANS ACCORDINGLY. ALL GRAVITY FLOW PIPELINES TO BE LAID UPSTREAM FROM THE LOWEST POINT STARTING AT THE END OF EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.

## DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE, UNLESS OTHERWISE NOTED. ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE PROJECT SITE. ALL REMOVED MATERIALS AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. REFER TO THE DEMOLITION PLAN FOR THE LIMITS OF ASPHALT REMOVAL (THE EXISTING PARKING LOT IS TO REMAIN). IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND LANDSCAPE PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES SPECIFICALLY SHOWN TO BE PRESERVED OR RELATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED AS NECESSARY PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN.

## EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED 1. OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF CALIFORNIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS, PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY STOPPED SHALL BE STABILIZED. THESE AREAS SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS NOT PRACTICAL, THE TIRES MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREAS LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

## WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, CLEANOUTS, GRAVITY SEWER LINES, AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, renders IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET. THE CONTRACTOR SHALL ALSO SCOPE THE SEWER LINES ON SITE AND RECORD A DVD.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE KEPT CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED. FOLLOWING MANUFACTURER'S RECOMMENDATIONS, CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, renders IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF CALIFORNIA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

## PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR CALTRANS SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED TO EXISTING CONDITION OR BETTER.
3. TRAFFIC CONTROL ON ALL CALTRANS, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL AN ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE COVERED WITH ROCK UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT TO MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE STABILIZED BY MEANS AND METHODS APPROVED BY THE LOCAL AGENCY. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE REGRADED AND STABILIZED TO MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISIN AND SCATTERING THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS OF THE GOVERNING CODE.
17. EXPOSED SLOPES SHOULD BE STABILIZED WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE REQUIRED PERMITS COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY GOVERNING JURISDICTIONS.
19. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

## MAINTENANCE

- ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE CHECKED BY A QUALIFIED PERSON ON A SCHEDULE THAT MEETS OR EXCEEDS THE GOVERNING REQUIREMENTS, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
  2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED.
  3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
  4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
  5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
  6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.
  7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER.

## BUILDING AND SAFETY DIVISION NOTES

1. FILL TO BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557.
2. FIELD DENSITY WILL BE DETERMINED BY THE SAND-CONE METHOD A.S.T.M. 1556-07 AND/OR NUCLEAR DENSITY GAUGE METHOD A.S.T.M. 2922/2017. IN FINE GRAINED, COHESIVE SOILS, FIELD DENSITY MAY BE DETERMINED BY THE DRIVE-CYLINDER METHOD D2937 A.S.T.M. PROVIDED NOT LESS THAN 20% OF THE REQUIRED DENSITY TESTS, UNIFORMLY DISTRIBUTED, ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL.
3. NOT LESS THAN ONE FIELD DENSITY TEST WILL BE MADE FOR EACH TWO-FOOT VERTICAL LIFT OF FILL NOR LESS THAN ONE SUCH TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED UNLESS OTHERWISE RECOMMENDED BY THE SOILS ENGINEER.
4. NO FILL TO BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS AND INSTALLATION OF SUBDRAINS (IF ANY) HAS BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER.
5. NO ROCK OR SIMILAR MATERIAL GREATER THAN 8" IN DIAMETER WILL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOILS ENGINEER IN ADVANCE AND APPROVED BY THE BUILDING OFFICIAL.
6. FINISH GRADING WILL BE COMPLETED AND APPROVED BEFORE OCCUPANCY OF BUILDINGS.
7. SEE GRADING PLANS FOR EARTHWORK VOLUMES.
8. FILL SLOPES SHALL NOT BE STEEPER THAN 2:1.
9. PRIOR TO THE ISSUANCE OF BUILDING PERMITS, SUBMIT A SOIL'S ENGINEER REPORT ON THE EXPANSIVE PROPERTIES OF SOIL AS SUCH ARE DEFINED BY THE BUILDING CODE, SECTION 2904(B) ON ALL BUILDING SITES IN THE PROPOSED SUBDIVISION.
10. DENSITY TESTS WILL BE MADE AT POINTS APPROXIMATELY ONE FOOT BELOW THE FILL SLOPE SURFACE. ONE TEST WILL BE MADE FOR EACH 1,000 SQ. FT. OF SLOPE SURFACE, BUT NOT LESS THAN ONE TEST FOR EACH 10 FT. VERTICAL OF SOLE HEIGHT UNLESS OTHERWISE RECOMMENDED BY THE SOILS ENGINEER.
11. ALL PADS AT ROUGH GRADING WILL HAVE A MINIMUM SLOPE OF 1 % TOWARDS THE STREET OR DESIGNED DRAINAGE OUTLET.
12. ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND OBTAIN INSPECTION BEFORE POURING.
13. APPROVAL OF THIS PLAN BY THE LOCAL AGENCY DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES WITHIN THE LIMITS OF THIS PROJECT.
14. FILLS SHALL BE BENCHED IN ACCORDANCE WITH APPROVED GEOTECHNICAL REPORT
15. ALL TRENCH BACKFILLS SHALL BE TESTED AND CERTIFIED BY THE SITE SOILS ENGINEER PER THE GRADING CODE.
16. SUBDRAIN OUTLETS SHALL BE COMPLETED AT THE BEGINNING OF THE SUBDRAIN CONSTRUCTION.
17. THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE AND GRADE.
18. ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY AN ENGINEERING GEOLOGIST TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLOGIST SHALL RECOMMEND NECESSARY TREATMENT TO THE BUILDING OFFICIAL FOR APPROVAL.
19. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE ENGINEERING GEOLOGIST AND THE SOILS ENGINEER, THE CONTRACTOR SHALL SUBMIT DESIGN, LOCATION AND CALCULATIONS TO THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. THE ENGINEERING GEOLOGIST AND SOILS ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
20. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL PERFORM SUFFICIENT INSPECTIONS AND BE AVAILABLE DURING GRADING AND CONSTRUCTION TO PROVIDE CONSULTATION CONCERNING COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR PURVIEW.
21. THE DESIGN CIVIL ENGINEER SHALL BE AVAILABLE DURING GRADING AND CONSTRUCTION FOR CONSULTATION CONCERNING COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN THIS PURVIEW.
22. DUST SHALL BE CONTROLLED BY WATERING.
23. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
24. THE LOCATION AND PROTECTION OF ALL UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
25. THE CUT PORTION OF CUT/FILL TRANSITION LOTS SHOULD BE OVEREXCAVATED 36" AND BE REPLACED WITH COMPACTED FILL TO A MINIMUM RELATIVE COMPACTION OF 90% UNLESS OTHERWISE RECOMMENDED BY THE SOILS ENGINEER.

## DESIGN ENGINEERS NOTES

1. THE TERM 'DESIGN ENGINEER' USED HEREIN SHALL MEAN THE ENGINEER WHO HAS SIGNED AND SEALED HIS/HER RESPECTIVE PLAN SHEETS AND IS IN RESPONSIBLE CHARGE OF THE ENGINEERING DESIGN ON THOSE SHEETS. THE TERM 'CONTRACTOR' USED HEREIN SHALL MEAN ANY GENERAL CONTRACTOR OR SUBCONTRACTOR USING THESE PLANS.
2. THE DESIGN ENGINEER SHALL NOT PROVIDE, OBSERVE, COMMENT ON NOR ENFORCE ANY SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAIN ALL SAFETY MEASURES AND SHALL BE SOLELY RESPONSIBLE FOR ALL REQUIRED SAFETY MEASURES, PROCEDURES AND PROGRAMS AND COMPLYING WITH ALL LOCAL, STATE AND FEDERAL LAWS, ORDINANCES, RULES, STANDARDS, LAWS, AND REGULATIONS. THE CONTRACTOR AGREES THAT SHE/H HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
3. THE DESIGN ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY OF THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION, TECHNIQUES, EQUIPMENT CHOICE AND USAGE, SEQUENCE, SCHEDULE, SAFETY PROGRAMS, OR SAFETY PRACTICES, NOR SHALL THE DESIGN ENGINEER HAVE ANY AUTHORITY OR RESPONSIBILITY TO DIRECT OR STOP THE WORK OF ANY CONTRACTOR.
4. ANY CHANGES MADE BY THE CONTRACTOR TO THE CONTRACTUALLY AGREED UPON SCOPE, SCHEDULE AND/OR FEE, WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF THE OWNER, IS THE SOLE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR DIRECTING, IMPLICITLY OR EXPLICITLY ANY SUCH CHANGES AND THE CONTRACTOR ASSUMES ALL RISK OF UNDERTAKING ANY SUCH CHANGES.
5. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE DESIGN ENGINEER AND OWNER, THEIR OFFICERS, AGENTS AND EMPLOYEES, HARMLESS FROM ANY AND ALL CLAIMS, DEMANDS, JUDGMENTS, LOSS, DAMAGES, COSTS, EXPENSES, FEES OR LIABILITY WHATSOEVER, REAL OR LEGAL, IN CONNECTION WITH, OR ARISING OUT OF, THIS PROJECT, OR INDIRECTLY, THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE DESIGN ENGINEER.
6. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS, THE CONTRACTOR SHALL REQUEST IN WRITING FROM THE DESIGN ENGINEER AND THE OWNER, AN INTERPRETATION BEFORE PERFORMING ANY REPAIRS OR IMPACTED WORK. ANY ELECTRONIC FILES ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE RECEIVING PARTY AND ARE INTENDED SOLELY FOR THE EXCLUSIVE USE BY THAT PARTY FOR THE PURPOSES EXPLICITLY AUTHORIZED. IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICE, ONLY PRINTED COPIES OF DOCUMENTS MAY BE RELIED UPON.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PREPARING ITS BID, IN WHOLE AND IN PART, BASED UPON THE DESIGN SHOWN ON THESE PLANS. THE CONTRACTOR IS NOT AUTHORIZED TO USE ANY QUANTITIES SHOWN ON THESE PLANS WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE ENGINEER OF RECORD. THE DESIGN ENGINEER MAKES NO WARRANTY OR REPRESENTATION AS TO THE SUITABILITY OF ANY INFORMATION SHOWN HEREON FOR DETERMINING A CONTRACTOR BID.
8. ANYTHING MENTIONED IN THE SPECIFICATIONS, IF ANY, AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS, SHALL BE OF LIKE EFFECT AS IF SHOWN OR MENTIONED IN BOTH.
9. THE EXISTENCE, LOCATION, TYPE, CONDITION AND SIZE OF UNDERGROUND UTILITIES, FACILITIES OR STRUCTURES (FACILITIES) SHOWN ON THESE PLANS WAS OBTAINED FROM A SEARCH OF READILY AVAILABLE RECORDS, OR AS PROVIDED BY OTHERS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM SAID INFORMATION BY FIELD MEASUREMENTS, OBSERVATIONS AND WHATEVER MEANS NECESSARY, PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DESIGN ENGINEER IN WRITING IF ANY DISCREPANCY OR CONFLICTING INFORMATION IS FOUND. THE CONTRACTOR SHALL PROTECT THE FACILITIES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS, AS NEEDED. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES WHETHER NOTED ON THESE PLANS OR NOT. THE DESIGN ENGINEER SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES AS NEEDED, SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION, SIZE, TYPE, OR CONDITION OF EXISTING FACILITIES DIFFERING FROM WHAT IS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXAMINE AND PROTECT ALL UTILITIES AND FACILITIES WHETHER NOTED ON THESE PLANS OR NOT. THE DESIGN ENGINEER SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES AS NEEDED, SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION, SIZE, TYPE, OR CONDITION OF EXISTING FACILITIES DIFFERING FROM WHAT IS SHOWN ON THESE PLANS. 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CITY OF RIVERSIDE GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- WHEN A PORTION OF THE WORK IS TO BE DONE BY THE CITY, THE DEVELOPER AND/OR CONTRACTOR SHALL GIVE THE CITY 60-DAYS NOTICE SO THAT THE DEVELOPER'S WORK AND THE CITY'S WORK CAN BE PROPERLY COORDINATED. THE DEVELOPER SHALL PREPARE AND COMPACT THE SUBGRADE TO ELEVATIONS WITHIN  $\pm .1'$  OF THE DESIGN ELEVATIONS AND SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY. THE DEVELOPER SHALL ALSO BE RESPONSIBLE FOR ANY BARRICADING DURING THIS TIME.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
- THE DEVELOPER IS RESPONSIBLE FOR PROVIDING ACCESS PAVING. SHOULD THE DEVELOPER AND/OR CONTRACTOR DECIDE TO INSTALL THE ACCESS PAVING PRIOR TO THE CITY COMMENCING ITS PAVING WORK, THE DEVELOPER SHALL COORDINATE HIS INSTALLATION OF ACCESS PAVING WITH THE CITY INSPECTOR. FINAL COURSE OF PAVING IN ACCESS AREA TO BE PAID FOR BY DEVELOPER. PRIOR TO THE CITY COMMENCING ITS PAVING OPERATION, DEVELOPER SHALL INSTALL TYPE F-1 FLEXIBLE DELINEATORS AT 20' INTERVALS ON OUTGOING TAPERS.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- ANY TRAFFIC CONTROL, STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP(S) SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER AND TO AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- DEVELOPER AND/OR CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN OR DOING ANY WORK WITHIN RCFC EASEMENTS). RCFC ENCROACHMENT PERMIT NO. \_\_\_\_\_
- BEFORE THE RIP-RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED BY THE CITY, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

NOTE: NOTIFY PUBLIC WORKS INSPECTOR A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.  
NOTE: CONTRACTOR SHALL TELEPHONE UNDERGROUND SERVICE ALERT (USA) 1(800)422-4133 A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

CITY OF RIVERSIDE WATER GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND IN CONFORMANCE WITH THE CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT, WATER DIVISION, STANDARD SPECIFICATION NO. 205 FOR WATER DISTRIBUTION SYSTEMS, LATEST REVISION; ALL APPLICABLE A.W.W.A. STANDARDS AND SPECIFICATIONS, EXCEPT AS NOTED; AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), LATEST ADOPTED EDITION AND AMENDMENTS.
- ALL WATER MAINS BETWEEN 4 INCH AND 12 INCH SHALL BE CLASS 350 D.I.P. PER A.W.W.A. C-151. WATER MAINS UNDER 4 INCH SHALL BE TYPE K COPPER PIPE.
- APPROVAL OF THIS PLAN BY THE WATER DIVISION DOES NOT RELIEVE THE PRIVATE ENGINEER OF THE DESIGN RESPONSIBILITY THEREOF. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF THE CONSTRUCTION SHOWN HEREON.
- WATER MAINS SHALL BE LAID TO THE LINE AND GRADE SHOWN ON THE PLAN.  
A. THE DEVELOPER'S ENGINEER SHALL PROVIDE A CONSTRUCTION OFF-SET LINE AND STATION. ALL FITTINGS AND APPURTENANCES. CUT SHEETS SHALL BE PROVIDED FOR PIPELINES ON ALL STREETS.  
B. MINIMUM DEPTH OF COVER OVER WATER MAINS UNDER 12 INCHES IN DIAMETER SHALL BE 3.0 FEET, UNLESS OTHERWISE NOTED. ALL 12 INCH DIAMETER WATER MAINS OR GREATER SHALL HAVE 4.0 FEET OF COVER.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, CABLES OR OTHER UTILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, OR ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- PROPOSED ELECTRICAL UNDERGROUND AND STREET LIGHT FACILITIES ARE NOT SHOWN ON THE PLAN. THE CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE DEVELOPER AND PUBLIC UTILITIES DEPARTMENT, ELECTRICAL DIVISION, 951-826-5452, FOR LOCATIONS OF THE PROPOSED ELECTRICAL AND STREET LIGHT FACILITIES.
- PIPE SHALL BE HANDLED SO AS TO PROTECT PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOTATION AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- UNLESS OTHERWISE APPROVED, WATER MAINS AND SEWER MAINS SHALL NOT CROSS WITH LESS THAN 1.0 FOOT OF VERTICAL CLEARANCE. WATER SERVICE LINES AND SEWER LATERALS SHALL NOT BE IN THE SAME TRENCH. A MINIMUM, HORIZONTAL CLEARANCE OF 10 FEET IS REQUIRED. WATER MAINS SHALL CLEAR ALL HOUSE SEWER LATERALS BY A MINIMUM OF 1.0 FOOT VERTICAL CLEARANCE (PER CWD-021 AND CWD-022).
- WATER METER BOXES AND FIRE HYDRANTS SHALL BE PLACED AT CURB SITE LOCATIONS. THE CONTRACTOR SHALL ADJUST THE METER BOXES TO SIDEWALK GRADE AFTER THE SIDEWALKS HAVE BEEN POURED.
- A MATERIAL LIST, PER WATER DIVISION SPECIFICATION NO. 205, SECTION 3-11 AND MATERIAL SPECIFICATIONS MUST BE SUBMITTED FOR WATER DIVISION APPROVAL PRIOR TO INSTALLATION.
- THE CONTRACTOR MAY BEGIN CONSTRUCTION ONLY AFTER A PRECONSTRUCTION MEETING IS HELD WITH THE WATER DIVISION ENGINEERING STAFF. CONTACT WATER CONSTRUCTION INSPECTION AT 951-826-5549. AT LEAST ONE WEEK PRIOR TO THE PLANNED START OF CONSTRUCTION OF THE WATERLINES TO ARRANGE THIS MEETING.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO STREET OPENING PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A. ALL NECESSARY PERMITS SHALL BE TAKEN OUT BY THE CONSTRUCTION CONTRACTOR. A STREET OPENING PERMIT, ISSUED BY THE PUBLIC WORKS DEPARTMENT, OR A RIVERSIDE COUNTY ENCROACHMENT PERMIT, DEPENDING UPON JURISDICTION, IS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL POTHOLE EXISTING UTILITIES, PRIOR TO CONSTRUCTION, TO DETERMINE THE DEPTH OF COVER. THE WATER MAIN SHALL BE INSTALLED WITH THE REQUIRED VERTICAL CLEARANCE. IF INSUFFICIENT COVER EXISTS, THE CONTRACTOR SHALL CONTACT THE PRIVATE ENGINEER WHO SIGNED THE PLAN TO DETERMINE AN ACCEPTABLE SOLUTION.
- PRIOR TO TRENCHING, THE CONTRACTOR SHALL REQUEST WATER DIVISION INSPECTION TWO WORKING DAYS PRIOR TO TRENCHING. PLANS AND SPECIFICATIONS SHALL BE ON-SITE AT ALL TIMES.
- WATER MAINS SHALL BE SAND BEDDED. NATIVE MATERIAL WITH A SAND EQUIVALENT GREATER THAN 30 WILL BE ALLOWED.
- THE CONTRACTOR SHALL NOT BACKFILL ANY TRENCHES UNTIL HE HAS OBTAINED AS-BUILT STATIONING ON ALL FITTINGS AND APPURTENANCES.
- THE CONTRACTOR SHALL BULKHEAD MAINS, PLACE AND COMPACT BACKFILL, TEST, STERILIZE AND PASS BACTERIOLOGICAL TESTING BEFORE ANY TIE-INS ARE MADE TO THE CITY SYSTEM. CITY FORCES WILL MAKE THE FINAL SYSTEM CONNECTIONS FROM THE EXISTING MAIN. NO CONNECTIONS WILL BE MADE UNTIL ALL TESTING IS COMPLETE AND WRITTEN PASSING BACTERIOLOGICAL TEST RESULTS HAVE BEEN SUBMITTED TO THE WATER DIVISION.  
A. PRESSURE TESTING SHALL BE CONDUCTED AFTER THE TRENCH BACKFILL HAS PASSED THE REQUIRED COMPACTION TESTS. HYDRO TEST PRESSURE SHALL BE 200 PSI FOR TWO HOURS. THE LEAKAGE LIMIT IS 15 GALLONS PER INCH DIAMETER PER MILE, PER 24 HOURS.  
B. GAS CHLORINATION IS REQUIRED FOR A MINIMUM PERIOD OF 24 HOURS. AFTER THE MINIMUM CHLORINATION CONTACT TIME, THE CONTRACTOR SHALL DECHLORINATE THE TEST WATER IN ACCORDANCE WITH THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SANTA ANA REGION ORDER NO. 98-67 AND NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) NO. CAG98001.  
C. A MINIMUM OF TWO BACTERIOLOGICAL TESTS ARE REQUIRED, PER DAY. APPROXIMATELY ONE SAMPLE SHALL BE TAKEN PER 500 FEET OF MAIN FOR TWO CONSECUTIVE DAYS.
- REFER TO CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT DRAWINGS FOR PROJECT COORDINATION.
- BLUE HYDRANT REFLECTORS ARE REQUIRED FOR EACH HYDRANT.

ENGINEER'S NOTES TO CONTRACTORS

- WORK SHOWN HEREON SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", LATEST ADDITION AND SUPPLEMENTS, THE CALIFORNIA BUILDING CODE, AND THE STATE OF CALIFORNIA LOCAL ORDINANCES AS APPLICABLE.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL COMPLY IN FULL WITH ALL APPLICABLE SAFETY REGULATIONS OF THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) FOR EXCAVATION AND TRENCHING, AND SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER. ALL EXCAVATIONS AND TRENCHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH O.S.H.A. GUIDELINES. REFER TO THE GEOTECHNICAL REPORT FOR GUIDELINES ON TRENCHING AND EXCAVATIONS.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER PRIOR TO START OF CONSTRUCTION SO THAT CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER, ARCHITECT, OR ENGINEER.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELF WITH THE PLANS, SPECIFICATIONS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK. ALL RECOMMENDATIONS OF THE SOILS REPORT SHALL BE MADE A PART OF THESE PLANS.
- NOTES AND TYPICAL DETAILS, WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS OR IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS, ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL SLOPES, STREETS, UTILITIES, AND STORM DRAINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF WORK. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND DISTURBANCE. PROTECT EXISTING UTILITIES BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER OWNER, AGENCY, OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
- THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD, OR NOT SHOWN ON THESE PLANS, ALL DAMAGES THERE TO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES FOR EACH PHASE SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO IDENTIFY ANY POTENTIAL CONFLICTS BETWEEN A FACILITY PROPOSED HEREIN AND AN EXISTING FACILITY. THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE RESIDENT ENGINEER OF ANY CONFLICTS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY NOT WORK IN AN AREA OR PERFORM EXPLORATORY EXCAVATIONS IN CONFLICT WITH THE PHASING PLAN WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER.
- PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE AND UNDERGROUND FACILITIES INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY THE PRESENCE AND LOCATION OF ANY AND ALL EXISTING OVERHEAD AND/OR UNDERGROUND UTILITIES THAT MAY INTERFERE WITH THE CONSTRUCTION PLANS FOR THIS PROJECT. CONTRACTOR SHALL ADEQUATELY PROTECT AND MAINTAIN SUCH UTILITIES.
- EXCEPT AS NOTED HEREON, ALL UTILITY SERVICES WITHIN THIS DEVELOPMENT ARE UNDERGROUND INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK NEAR THEIR FACILITIES, AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES. FOR UTILITY MARK-OUT SERVICE, CALL 811.
- CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR IN THE STATE OF CALIFORNIA.
- THE CONTRACTOR SHALL REPLACE ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO MATCH EXISTING, INCLUDING PERMANENT TRENCH RESURFACE, TO THE SATISFACTION OF THE FIELD ENGINEER.
- THE PROPOSED GRADE IS THE FINAL GRADE AND NOT THE ROUGH GRADE. THE CONTRACTOR SHALL SUBTRACT THE THICKNESS OF THE PAVED SECTION AND/OR LANDSCAPE TOPSOIL SECTION TO ARRIVE AT THE ROUGH GRADE ELEVATION.
- STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
- IF AT ANY TIME DURING GRADING OPERATIONS ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
- ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.

ENGINEER'S NOTES TO CONTRACTORS (CONTD.)

- ALL FILL SOILS OR SOILS DISTURBED OR OVER EXCAVATED DURING CONSTRUCTION SHALL BE COMPACTED PER THE REQUIREMENTS OF THE SOILS REPORT, BUT NOT LESS THAN 90% MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D-1557.
- WHERE TRENCHES ARE WITHIN 10 FEET OF FUTURE BUILDING SITES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHO SHALL APPLY CONTINUOUSLY AND NOT BE DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
- STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE DURING INTERIM CONDITIONS OF CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INCLUDING NPDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR DISCHARGE OF GROUNDWATER THAT MAY BE NECESSARY TO ACCOMPLISH EXCAVATIONS SHOWN ON THESE PLANS.
- WATER SHALL BE PROVIDED ONSITE AND USED TO CONTROL DUST DURING CONSTRUCTION OPERATIONS.
- CONSTRUCTION EQUIPMENT SHALL BE PROPERLY OUTFITTED AND MAINTAINED WITH NOISE REDUCTION DEVICES TO MINIMIZE CONSTRUCTION-GENERATED NOISE.
- ANY WORK DONE WITHOUT INSPECTION OR MATERIALS TESTING IS SUBJECT TO REMOVAL AND/OR CORRECTION.
- ALL DIMENSIONS ARE IN FEET, OR DECIMALS THEREOF. ALL DIMENSIONS AND RADII ARE TO FACE OF CURB, CENTERLINE, OR FACE OF BUILDINGS/WALLS UNLESS OTHERWISE NOTIFIED.

HKS

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PARKING CONSULTANT

HKS PARKING  
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AUSTIN, TX 78759

HCA DESIGN MANAGER

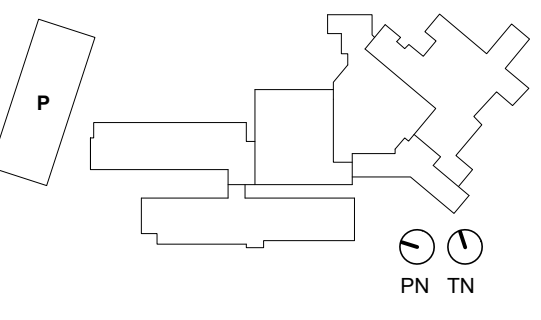
HCA CONSTRUCTION MANAGER  
RUSSELL MAASS



NEW BROCKTON  
PARKING GARAGE



KEY PLAN



REVISION  
NO. DESCRIPTION DATE

NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER  
**26153.100**  
HCA PROJECT NUMBER  
**0715000049**

DATE  
**12/18/2024**  
ISSUE

**CONSTRUCTION  
DOCUMENTS - ISSUE  
FOR PERMIT**

SHEET TITLE  
**GENERAL NOTES**

SHEET NO.

**C0.2**



- LEGEND**
- EXISTING PROPERTY LINE
  - EXISTING RIGHT-OF-WAY LINE
  - EXISTING CENTER LINE
  - EXISTING EASEMENT OR SETBACK LINE
  - EXISTING SANITARY SEWER PIPE
  - EXISTING STORM DRAIN PIPE (< 12"Ø)
  - EXISTING STORM DRAIN PIPE (> 12"Ø)
  - EXISTING WATER PIPE
  - EXISTING DOMESTIC WATER PIPE
  - EXISTING FIRE WATER PIPE
  - EXISTING ELECTRIC
  - EXISTING OVERHEAD ELECTRIC
  - EXISTING GAS PIPE
  - EXISTING TREE
  - EXISTING LIGHT POLE
  - EXISTING FENCE
  - EXISTING TELECOMMUNICATION
  - EXISTING RETAINING WALL
  - EXISTING FIRE LANE
  - EXISTING POINT OF CONNECTION
  - EXISTING CURB DRAIN INLET
  - EXISTING VALVE
  - EXISTING PIPE BEND AND TRUST BLOCK
  - EXISTING BACK FLOW PREVENTION DEVICE
  - EXISTING METER BOX
  - EXISTING FIRE HYDRANT
  - EXISTING PIV
  - EXISTING FDC

**EXISTING UTILITY NOTE**

THE EXISTING UTILITIES SHOWN ON THE PLAN ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR MUST FIELD DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT DISCREPANCIES AND POTENTIAL CONFLICTS WITH PROPOSED UTILITIES TO ENGINEER PRIOR TO INSTALLATION OF ANY PIPING.

BROCKTON AVENUE

14TH STREET

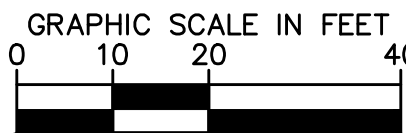
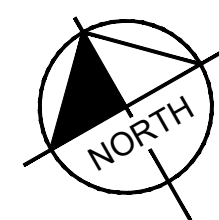
COMMUNITY  
PLAYERS  
BLDG.  
4026 14TH  
STREET

EX. TOWER G  
(798.02 FFE)

EX. MEDICAL OFFICE  
BUILDING  
4500 BROCKTON

EX. MEDICAL OFFICE BUILDING  
4510 BROCKTON

FOR REFERENCE ONLY



HKS

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9500 GREAT HILLS TRAIL, SUITE 150W  
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**HCA DESIGN MANAGER**  
ZACH WIDEMAN

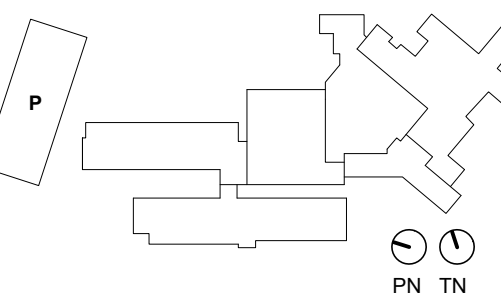
**HCA CONSTRUCTION MANAGER**  
RUSSELL MAASS



**NEW BROCKTON  
PARKING GARAGE**



KEY PLAN



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HKS PROJECT NUMBER  
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DATE  
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ISSUE  
**CONSTRUCTION  
DOCUMENTS - ISSUE  
FOR PERMIT**

SHEET TITLE  
**EXISTING CONDITIONS**

SHEET NO.

**C1.0**

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14TH STREET

BROCKTON AVENUE

BMP NOTES

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE CALIFORNIA STORMWATER BMP HANDBOOK DATED 2022, OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED AS NEEDED:

- EC-1, SCHEDULING  
EC-2, PRESERVATION OF EXISTING VEGETATION  
EC-3, HYDRAULIC MULCH  
WE-1, WIND EROSION CONTROL  
NS-1, WATER CONSERVATION PRACTICES  
NS-3, PAVING AND GRINDING OPERATIONS  
NS-7, POTABLE WATER/IRRIGATION  
NS-12, CONCRETE CURING  
NS-13, CONCRETE FINISHING  
WM-4, SPILL PREVENTION AND CONTROL  
WM-5, SOLID WASTE MANAGEMENT  
WM-7, CONTAMINATED SOIL MANAGEMENT  
WM-9, SANITARY/SEPTIC WASTE MANAGEMENT  
WM-10, LIQUID WASTE MANAGEMENT  
SE-7, STREET SWEEPING AND VACUUMING

CONTRACTOR RESPONSIBLE FOR TRAFFIC CONTROL AND PEDESTRIAN CONTROL WHILE PERFORMING WORK IN THE PUBLIC RIGHT-OF-WAY.

SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION

CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.

CONTRACTOR TO IMPLEMENT SWPPP. EROSION CONTROL PLANS REVIEWED AND APPROVED BY CITY OF RIVERSIDE. CONTRACTOR TO COMPLETE ALL QSD SITE VISITS UPON AWARD OF CONTRACT AND PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN THE SWPPP, INCLUDING SWPPP AMENDMENTS AND SMARTS UPLOADS REQUIRED THROUGHOUT DURATION OF CONSTRUCTION.

GENERAL EROSION CONTROL NOTES

- ERODED SEDIMENTS AND POLLUTANTS SHALL BE RETAINED ON SITE AND SHALL NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE COVERED AND/OR PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY WIND OR WATER.
- FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL NOR THE SURFACE WATERS. ALL APPROVED TOXIC STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY AND SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- NON-STORM WATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED ON THE PROJECT SITE.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTE ON-SITE UNTIL IT CAN BE APPROPRIATELY DISPOSED OF OR RECYCLED.
- TRASH AND CONSTRUCTION -RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF STORM WATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE STREET/PUBLIC WAYS. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWNBY RAIN OR BY ANY OTHER MEANS.
- RETENTION BASINS OF SUFFICIENT SIZE SHALL BE PROVIDED TO RETAIN STORM WATER RUNOFF ON-SITE AND SHALL BE PROPERLY LOCATED TO COLLECT ALL TRIBUTARY SITE RUNOFF.
- WHERE RETENTION OF STORM WATER RUNOFF ON-SITE IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, RUNOFF MAY BE CONVEYED TO THE STREET AND THE STORM DRAIN SYSTEM PROVIDED THAT AN APPROVED FILTERING SYSTEM IS INSTALLED AND MAINTAINED ON-SITE DURING THE CONSTRUCTION DURATION.
- ANY SLOPES WITH DISTURBED SOILS OR DENUED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- STORM WATER POLLUTION CONTROL REQUIREMENTS MUST BE INTEGRATED ONTO THE EROSION CONTROL PLANS FOR ANY CONSTRUCTION BETWEEN OCTOBER 1 AND APRIL 15. THE FOLLOWING NOTES AND BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORM WATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 1993, OR THE LATEST REVISED EDITION MAY APPLY DURING THE CONSTRUCTION OF PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTIONS).
- TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE CONTRACTOR AND/OR THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
- ALL STANDARDS REFERENCED FROM 2009 CASQA CONSTRUCTION BMP BOOK.

MAINTENANCE NOTES

ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED, AS NEEDED.
- THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
- OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

EROSION CONTROL NOTES

- WM-1, MATERIAL DELIVERY AND STORAGE.
- WM-3, STOCKPILE MANAGEMENT, CONTRACTOR TO SET UP STOCKPILE AREA.
- WM-5, SANITARY AREA.
- WM-6, HAZARDOUS WASTE MANAGEMENT.
- WM-8, CONCRETE WASTE MANAGEMENT.
- SE-1 - SILT FENCE, CONTRACTOR TO MAINTAIN DURING ALL GRADING & MOBILIZATION ACTIVITIES.
- SE-10, STORM DRAIN INLET PROTECTION. REFER TO DETAIL 1, PER CIVIL DETAIL SHEET C2.1.
- TR-1, STABILIZED CONSTRUCTION ENTRANCE/EXIT; REFER TO DETAIL 3, PER CIVIL DETAIL SHEET C2.1.
- TR-3, ENTRANCE/OUTLET TIRE WASH; REFER TO DETAIL 4, PER CIVIL DETAIL SHEET C2.1.
- NS-10, VEHICLE AND EQUIPMENT MAINTENANCE.
- SD-32, TRASH STORAGE AREA.
- SE-6, GRAVEL BAG

SEQUENCE OF CONSTRUCTION

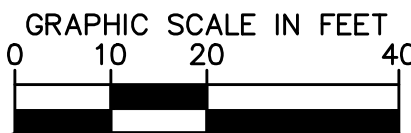
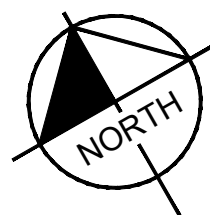
UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

- PHASE 1:
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (1) AND CHAIN LINK FENCE WITH GREEN SCREEN AND THEN SILT FENCE WHERE SHOWN ON PLAN.
  - CONSTRUCT AND STABILIZE SEDIMENT BASIN AND DRAINAGE SWALES WITH APPROPRIATE OUTFALL STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL CONTROL DEVICES LISTED ABOVE)
  - INSTALL INLET PROTECTION AT EXISTING INLET(S).
  - INSTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES,CHECK DAMS, OUTLET TRAPS, RISER PIPE DISCHARGE POINT, ETC.)
  - PREPARE CLEARING AND GRUBBING OF THE SITE, IF APPLICABLE.
- PHASE 2:
- PERFORM MASS GRADING. ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
  - START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
  - TEMPORARILY SEED WITH PURE LIVE SEED, THROUGHOUT CONSTRUCTION, DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE OR AS REQUIRED BY GENERIC PERMIT.

HALT ALL ACTIVITIES AND CONTACT THE CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH CONSULTANT AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

LEGEND

- |  |   |  |                               |
|--|---|--|-------------------------------|
|  | PROPERTY LINE   |  | MATERIAL STORAGE AND DELIVERY |
|  | CIVIL LIMIT OF WORK LINE  |  | DIRECTION OF FLOW             |
|  | SILT FENCE  |  | LANDSCAPE/PLANTER AREA        |
|  | INLET PROTECTION  |  | GRAVEL BAG                    |
|  | CONSTRUCTION ENTRANCE   |  |                               |
|  | STOCKPILE AREA  |  |                               |
|  | SANITARY AREA, TRASH STORAGE, HAZARDOUS MATERIAL, CONCRETE MANAGEMENT, VEHICLE MAINTENANCE AND EQUIPMENT STORAGE AREA |  |                               |



HKS

OWNER  
HOSPITAL CORPORATION OF AMERICA (HCA)  
2545 PARK PLAZA, BUILDING 3-2  
NASHVILLE, TN 37203

FACILITY  
RIVERSIDE COMMUNITY HOSPITAL  
4445 MAGNOLIA AVENUE  
RIVERSIDE, CA 92501

ARCHITECT/  
INTERIOR DESIGNER

HKS ARCHITECTS, INC.  
10880 WILSHIRE BLVD, #1850  
LOS ANGELES, CA 90024

CIVIL ENGINEER/  
LANDSCAPE ARCHITECT

KIMLEY-HORN AND ASSOCIATES, INC.  
1100 W. TOWN & COUNTRY ROAD, SUITE 700  
ORANGE, CA 92665

STRUCTURAL ENGINEER

KPFF  
700 S FLOWER STREET, SUITE 2100  
LOS ANGELES, CA 90017

MEP/LOW VOLTAGE ENGINEER

WSP USA  
3102 OAK LAWN AVE, SUITE 450  
DALLAS, TX 75219

PARKING CONSULTANT

HWA PARKING  
8000 GREAT HILLS TRAIL, SUITE 150W  
AUSTIN, TX 78759

HCA DESIGN MANAGER

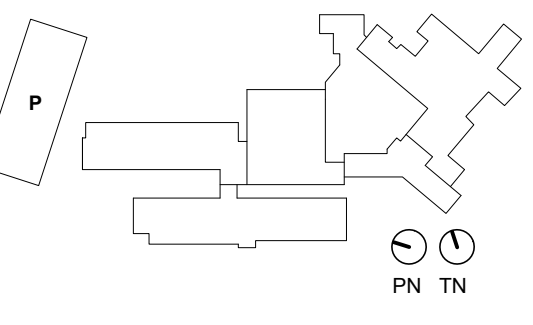
ZACH WIDEMAN  
HCA CONSTRUCTION MANAGER  
RUSSELL MAASS



NEW BROCKTON  
PARKING GARAGE



KEY PLAN



REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER  
**26153.100**  
HCA PROJECT NUMBER  
**0715000049**

DATE  
**12/18/2024**

ISSUE  
**CONSTRUCTION DOCUMENTS - ISSUE FOR PERMIT**

SHEET TITLE  
**EROSION CONTROL PLAN**

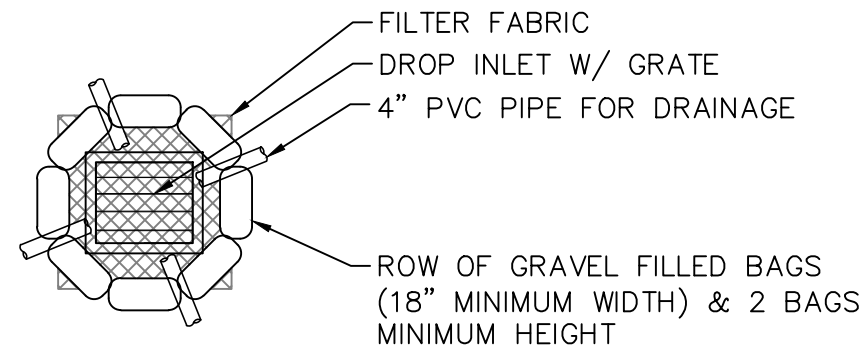
SHEET NO.

**C2.0**

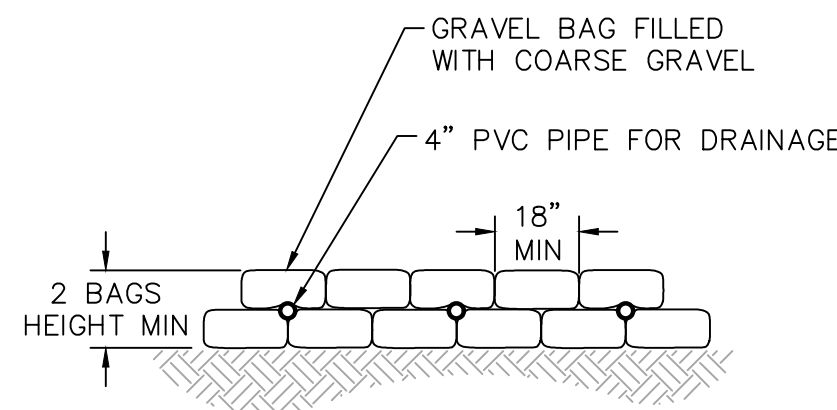


PLOT DATE:

Plotted By: Ito, Wendy Sheet: San-Rich Parking Garage Layout: CSD1 EROSION CONTROL DETAILS December 18, 2024 08:55:02am K:\GPA\_LDEV\094970099 - Riverside Community Hospital Phase 2\CADD\Plan Sheets\Parking Garage\CSD1 EROSION CONTROL PLAN.dwg



PLAN



SECTION

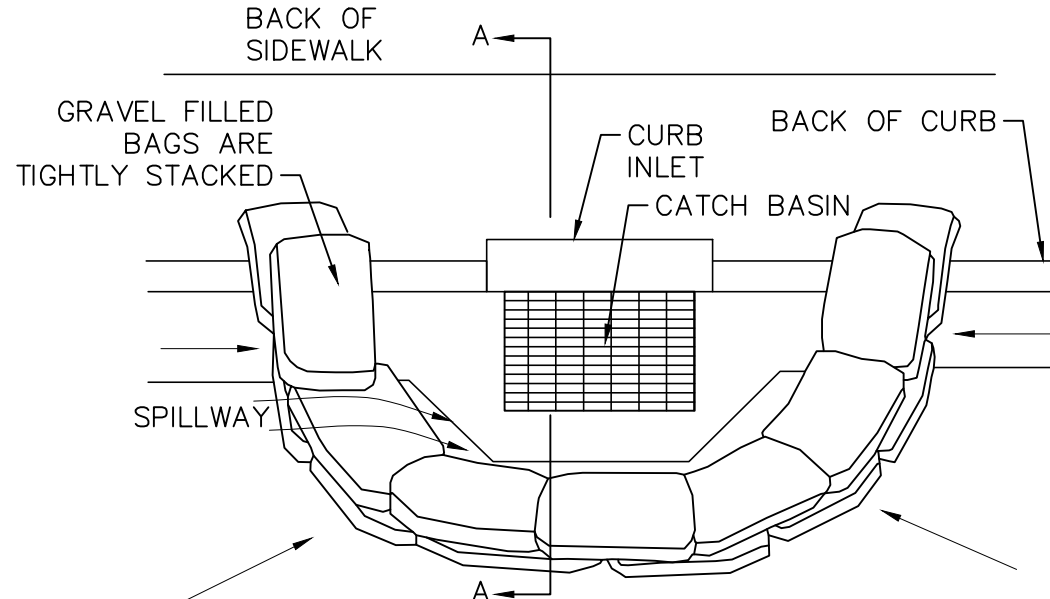
NOTES:

- GRAVEL BAG MATERIAL: POLYPROPYLENE, POLYETHYLENE OR POLYIMIDE WOVEN FABRIC, MINIMUM UNIT WEIGHT 4 OUNCES PER SQUARE YARD, MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%.
- GRAVEL BAG SHALL BE FILLED WITH 3/4" ROCK OR 1/4" PEA GRAVEL.
- PLACE SEVERAL LAYERS OF SAND BAGS (12" MINIMUM HIGH) OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
- LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY.
- PLACE WIRE MESH OVER AND 1' (MINIMUM) BEYOND THE INLET STRUCTURE.
- PLACE FILTER FABRIC OVER WIRE MESH. FILTER FABRIC SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT.

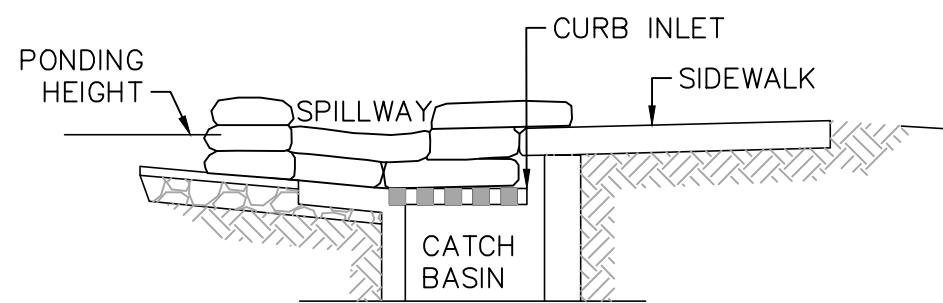
DROP INLET SEDIMENT BARRIER

N.T.S. REV. DATE: 08.28.2015

01



PLAN VIEW



SECTION A-A

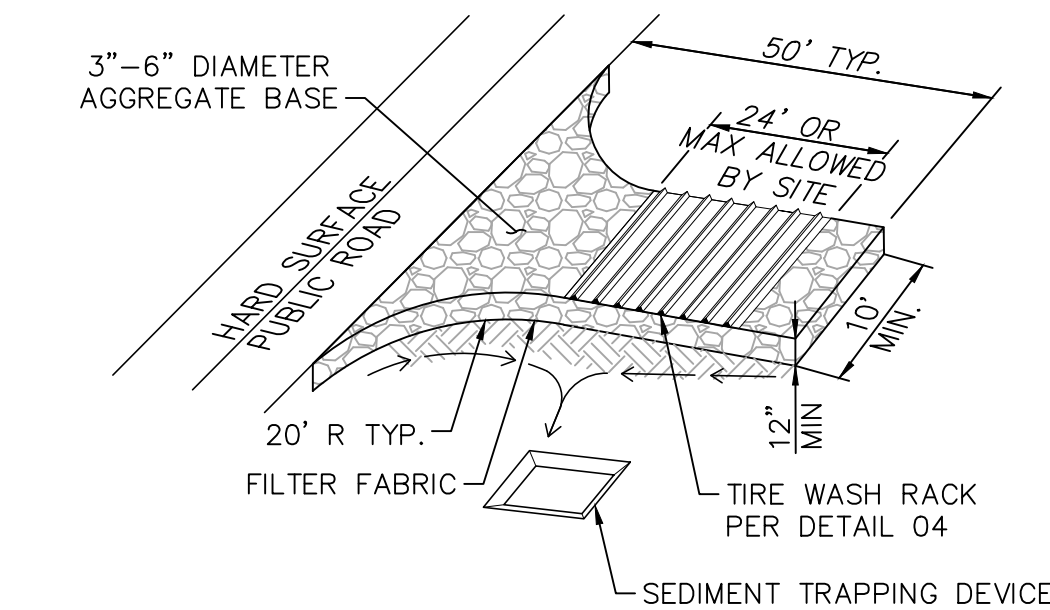
NOTES:

- PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
- GRAVEL BAG MATERIAL: POLYPROPYLENE, POLYETHYLENE OR POLYIMIDE WOVEN FABRIC, MINIMUM UNIT WEIGHT 4 OUNCES PER SQUARE YARD, MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%.
- GRAVEL BAG SHALL BE FILLED WITH 3/4" ROCK OR 1/4" PEA GRAVEL.
- PLACE SEVERAL LAYERS OF SAND BAGS (12" MINIMUM HIGH) OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
- LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY.
- PLACE FILTER FABRIC OVER WIRE MESH. FILTER FABRIC SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET SEDIMENT BARRIER

N.T.S. REV. DATE: 08.28.2015

02



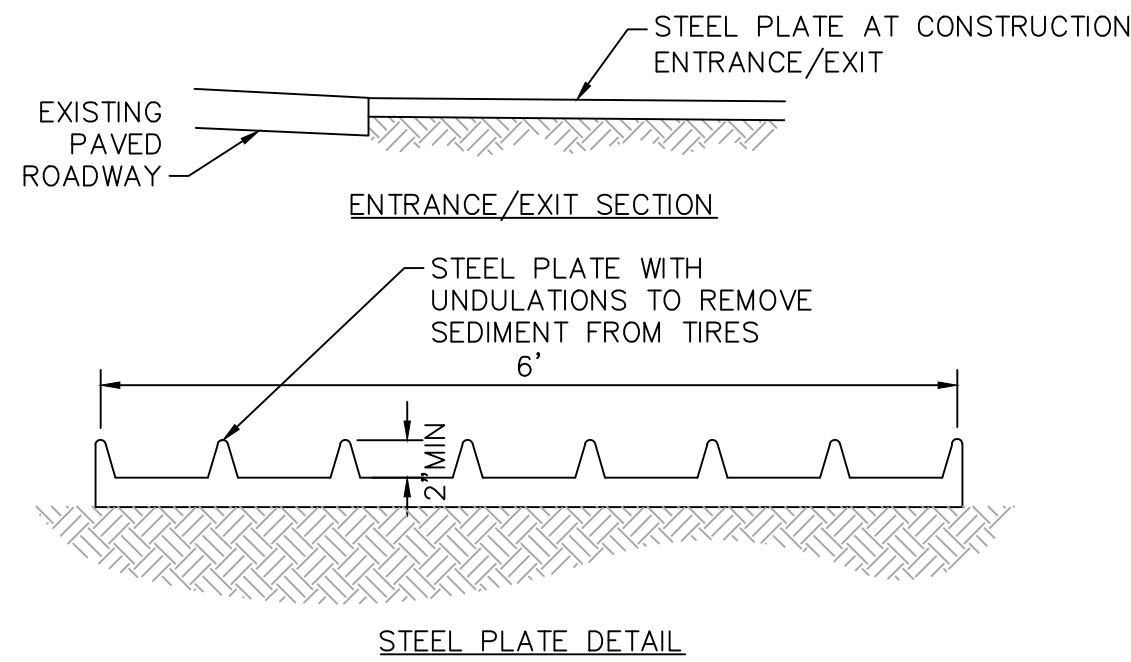
NOTES:

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

STABILIZED CONSTRUCTION ENTRANCE

N.T.S. REV. DATE: 08.28.2015

03

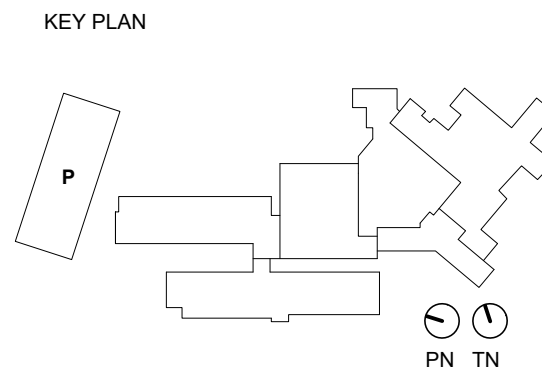


STEEL PLATE DETAIL

TIRE WASH RACK

N.T.S. REV. DATE: 08.28.2015

04



REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER  
**26153.100**  
HCA PROJECT NUMBER  
**0715000049**  
DATE  
**12/18/2024**  
ISSUE  
**CONSTRUCTION DOCUMENTS - ISSUE FOR PERMIT**

SHEET TITLE  
**EROSION CONTROL DETAILS**

SHEET NO.  
**C2.1**

**HKS**

**OWNER**  
HOSPITAL CORPORATION OF AMERICA (HCA)  
2545 PARK PLAZA, BUILDING 3-2  
NASHVILLE, TN 37203

**FACILITY**  
RIVERSIDE COMMUNITY HOSPITAL  
4445 MAGNOLIA AVENUE  
RIVERSIDE, CA 92501

**ARCHITECT/ INTERIOR DESIGNER**  
HKS ARCHITECTS, INC.  
10880 WILSHIRE BLVD, #1850  
LOS ANGELES, CA 90034

**CIVIL ENGINEER/ LANDSCAPE ARCHITECT**  
KIMLEY-HORN AND ASSOCIATES, INC.  
1100 W. TOWN & COUNTRY ROAD, SUITE 700  
ORANGE, CA 92665

**STRUCTURAL ENGINEER**  
KPFF  
700 S FLOWER STREET, SUITE 2100  
LOS ANGELES, CA 90017

**MEP/LOW VOLTAGE ENGINEER**  
WSP USA  
3102 OAK LAWN AVE, SUITE 450  
DALLAS, TX 75219

**PARKING CONSULTANT**  
HWA PARKING  
9500 GREAT HILLS TRAIL, SUITE 150W  
AUSTIN, TX 78759

**HCA DESIGN MANAGER**  
ZACH WIDEMAN

**HCA CONSTRUCTION MANAGER**  
RUSSELL MAASS



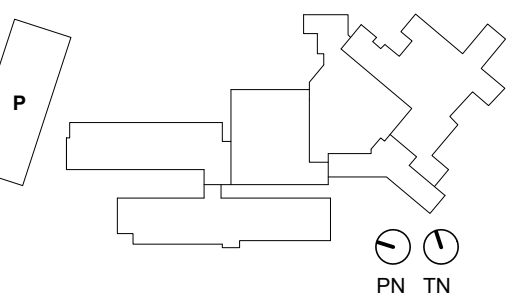
**NEW BROCKTON PARKING GARAGE**











REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER  
**26153.100**  
HCA PROJECT NUMBER  
**0715000049**

DATE  
**12/18/2024**

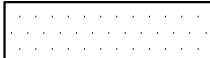

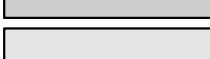

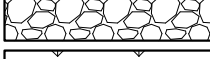


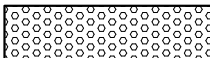
ISSUE  
**CONSTRUCTION  
DOCUMENTS - ISSUE  
FOR PERMIT**

SHEET TITLE  
**HORIZONTAL  
CONTROL PLAN**






SHEET NO.

**C4.0****PAVEMENT LEGEND**

REFER TO DETAIL 01, SHEET C9.0 FOR PAVEMENT SPECIFICATIONS AND SUBGRADE PREPARATION.

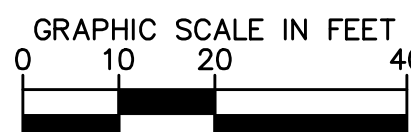
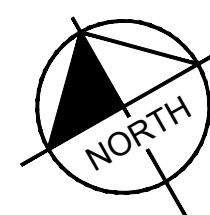
	CONCRETE WALK, DETAIL 6 SHEET C8.0.
	HEAVY TRAFFIC AREA ASPHALT PAVEMENT. SEE DETAIL 1, SHEET C8.0.
	PUBLIC SIDEWALK
	GRAVEL
	LANDSCAPE/PLANTER AREA
	PROPOSED BUILDING
	TRUNCATED DOMES. SEE DETAIL 8 SHEET C8.0.
	AC FIRE TRUCK TRAFFIC AREA PAVEMENT. SEE DETAIL 1, SHEET C8.0.

**LEGEND**

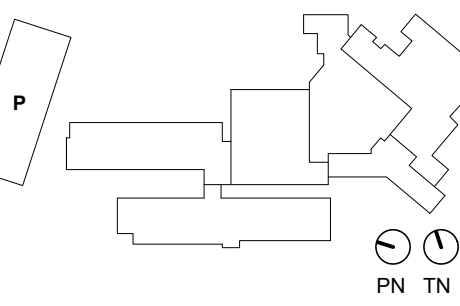
	PROPERTY LINE
	CENTER LINE
	EASEMENT OR SETBACK LINE
	CIVIL LIMIT OF WORK LINE
	ACCESSIBLE ROUTE (LOCATION PURPOSES ONLY, DO NOT PAINT)

**CONSTRUCTION NOTES**

- NEW STOP PAVEMENT MARKING WITH 12" WIDE STOP BAR PER DETAIL 13, SHEET C8.0.
- NEW 4" WIDE DOUBLE SOLID YELLOW STRIP PER DETAIL 13, SHEET C8.0.
- NEW STOP SIGN, PER DETAIL 15, SHEET C8.0.
- OPEN ARROW PAVEMENT MARKING, PER DETAIL 14, SHEET C8.0.
- NEW DO NOT ENTER SIGN, PER DETAIL 16, SHEET C8.0.
- NEW SOLID ARROW PAVEMENT MARKING, PER DETAIL 17, SHEET C8.0.
- ACCESSIBLE PATH OF TRAVEL STRIPING PER DETAIL 01, SHEET C8.1.
- 6" CONCRETE CURB PER DETAIL 02, SHEET C8.0.
- 6" CONCRETE CURB AND GUTTER PER DETAIL 03, SHEET C8.0.
- 0" CONCRETE CURB PER DETAIL 01, SHEET C8.1.
- CONCRETE VALLEY GUTTER PER DETAIL 04, SHEET C8.0.
- TRANSFORMER PAD. REFER TO MEP PLANS FOR DETAILS.
- ADA RAMP PER ARCHITECTURAL PLANS.
- CONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF RIVERSIDE STD NO. 302, WIDTH PER PLAN. SEE DETAIL 01, SHEET C8.3.
- PROPOSED SIDEWALK. SEE DETAIL 07, SHEET C8.1.
- NEW AC FIRE TRUCK TRAFFIC AREA PAVEMENT, PER DETAIL 1, SHEET C8.0.
- 6" CONCRETE CURB AND GUTTER PER DETAIL 06, SHEET C8.2.
- BIKE RACKS PER ARCHITECTURAL PLANS.








## EXISTING UTILITY NOTE

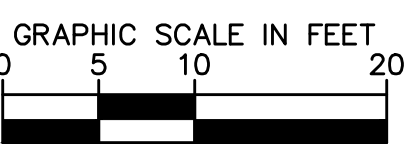
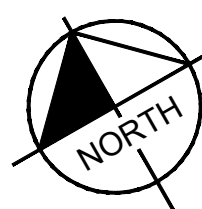
THE EXISTING UTILITIES SHOWN ON THE PLAN ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR MUST FIELD DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT DISCREPANCIES AND POTENTIAL CONFLICTS WITH PROPOSED UTILITIES TO ENGINEER PRIOR TO INSTALLATION OF ANY PIPING.

## LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CENTER LINE
- EASEMENT LINE
- SD PROPOSED STORM DRAIN PIPE (< 12")
- PROPOSED STORM DRAIN PIPE (> 12")
- FLOW LINE
- DAYLIGHT LINE
- CIVIL LIMIT OF WORK LINE
- PROPOSED SIDEWALK
- POINT OF CONNECTION (Ø BLDG)
- POINT OF CONNECTION (TO EXISTING)
- PIPE END CAP
- PROPOSED CLEANOUT
- STORM DRAIN AND SANITARY SEWER MANHOLE
- CATCH BASIN INLET
- AREA DRAIN
- TRENCH DRAIN
- PROPOSED SPOT GRADE
- EXISTING SPOT GRADE, CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

## DRAINAGE NOTES

- CONSTRUCT BROOKS PRODUCTS 24"x24" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOARG INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 1 AND 3, SHEET C8.2.
- PVC SDR-35 STORM DRAIN PIPE. SIZE AND SLOPE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0.
- CONNECT TO EXISTING STORM DRAIN. CONTRACTOR TO FIELD VERIFY INVERT PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- WYE CONNECTION BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- BEND BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- CONSTRUCT BROOKS PRODUCTS 12"x12" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOARG INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 2 AND 3, SHEET C8.2.
- BUILDING POINT OF CONNECTION. SEE PLUMBING PLAN FOR CONTINUATION.
- AREA DRAIN PER DETAIL 4, SHEET C8.2.
- 12" WIDE TRENCH DRAIN PER DETAIL 06, SHEET C8.1.
- 18" CAP AND PLUG FOR FUTURE CONNECTION.
- STORM DRAIN CLEANOUT. SEE DETAIL 03, SHEET C8.1.
- CONTRACTOR TO COORDINATE POWER POLE GUY WIRE WITH NEW SIDEWALK.
- CURB OPENING CATCH BASIN PER SPPWC STD. 300-3, DETAIL 05 SHEET C8.2 w/ FLOARG INSERT FILTER, DETAIL 03 SHEET C8.2.
- PROPOSED INFILTRATION/DETENTION SYSTEM. SEE SHEET C8.4.



## 14TH STREET

## BROCKTON AVENUE

PROP. BROCKTON  
PARKING GARAGE  
FFE VARIES 795-798  
FPE 780.5



BROCKTON AVENUE

PROP. BROCKTON  
PARKING GARAGE  
FFE VARIES 795-798  
FPE 780.5

EXISTING UTILITY NOTE

THE EXISTING UTILITIES SHOWN ON THE PLAN ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR MUST FIELD DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT DISCREPANCIES AND POTENTIAL CONFLICTS WITH PROPOSED UTILITIES TO ENGINEER PRIOR TO INSTALLATION OF ANY PIPING.

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CENTER LINE
- EASEMENT LINE
- PROPOSED STORM DRAIN PIPE (< 12")
- PROPOSED STORM DRAIN PIPE (> 12")
- FLOW LINE
- DAYLIGHT LINE
- CIVIL LIMIT OF WORK LINE
- PROPOSED SIDEWALK
- POINT OF CONNECTION (TO BLDG)
- POINT OF CONNECTION (TO EXISTING)
- PIPE END CAP
- PROPOSED CLEANOUT
- STORM DRAIN AND SANITARY SEWER MANHOLE
- CATCH BASIN INLET
- TRENCH DRAIN
- AREA DRAIN
- TRENCH DRAIN
- PROPOSED SPOT GRADE
- EXISTING SPOT GRADE, CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

DRAINAGE NOTES

- CONSTRUCT BROOKS PRODUCTS 24"x24" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOGARD INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 1 AND 3, SHEET C8.2.
- PVC SDR-35 STORM DRAIN PIPE. SIZE AND SLOPE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0.
- CONNECT TO EXISTING STORM DRAIN. CONTRACTOR TO FIELD VERIFY INVERT PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- WYE CONNECTION BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- BEND BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- CONSTRUCT BROOKS PRODUCTS 12"x12" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOGARD INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 2 AND 3, SHEET C8.2.
- BUILDING POINT OF CONNECTION. SEE PLUMBING PLAN FOR CONTINUATION.
- AREA DRAIN PER DETAIL 4, SHEET C8.2.
- 12" WIDE TRENCH DRAIN PER DETAIL 06, SHEET C8.1.
- 18" CAP AND PLUG FOR FUTURE CONNECTION.
- STORM DRAIN CLEANOUT. SEE DETAIL 03, SHEET C8.1.
- CONTRACTOR TO COORDINATE POWER POLE GUY WIRE WITH NEW SIDEWALK.
- CURB OPENING CATCH BASIN PER SPPWC STD 300-3, DETAIL 05 SHEET C8.2 w/ FLOGARD INSERT FILTER, DETAIL 03 SHEET C8.2.
- PROPOSED INFILTRATION/DETENTION SYSTEM. SEE SHEET C8.4.

HKS

OWNER  
HOSPITAL CORPORATION OF AMERICA (HCA)  
2545 PARK PLAZA, BUILDING 3-2  
NASHVILLE, TN 37203

FACILITY  
RIVERSIDE COMMUNITY HOSPITAL  
4445 MAGNOLIA AVENUE  
RIVERSIDE, CA 92501

ARCHITECT/  
INTERIOR DESIGNER  
HKS ARCHITECTS, INC.  
10880 WILSHIRE BLVD., #1850  
LOS ANGELES, CA 90034

CIVIL ENGINEER/  
LANDSCAPE ARCHITECT  
KIMLEY-HORN AND ASSOCIATES, INC.  
1100 W. TOWN & COUNTRY ROAD, SUITE 700  
ORANGE, CA 92668

STRUCTURAL ENGINEER  
KPFF  
700 S FLOWER STREET, SUITE 2100  
LOS ANGELES, CA 90017

MEP/LOW VOLTAGE ENGINEER  
WSP USA  
3102 OAK LAWN AVE, SUITE 450  
DALLAS, TX 75219

PARKING CONSULTANT  
HWA PARKING  
8600 GREAT HILLS TRAIL, SUITE 150W  
AUSTIN, TX 78759

HCA DESIGN MANAGER  
ZACH WIDEMAN

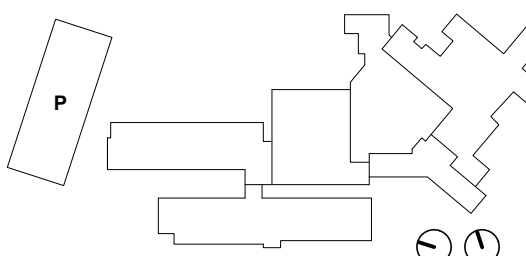
HCA CONSTRUCTION MANAGER  
RUSSELL MAASS

RIVERSIDE  
Community Hospital

NEW BROCKTON  
PARKING GARAGE

HCA  
Healthcare

KEY PLAN



REVISION  
NO. DESCRIPTION DATE

NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER  
26153.100  
HCA PROJECT NUMBER  
0715000049

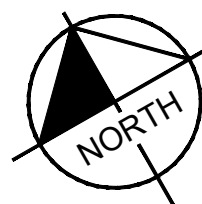
DATE  
12/18/2024

ISSUE  
CONSTRUCTION  
DOCUMENTS - ISSUE  
FOR PERMIT

SHEET TITLE  
GRADING AND  
DRAINAGE PLAN

SHEET NO.

C5.1



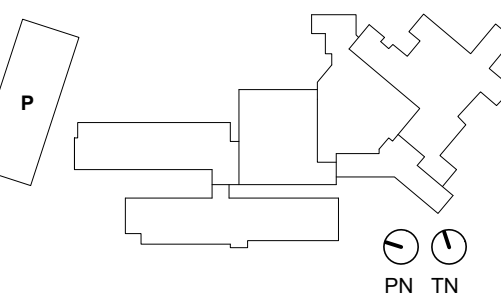
GRAPHIC SCALE IN FEET  
0 5 10 20

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SCALE:      V:      1" = 4'  
                 H:      1" = 20'





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HKS PROJECT NUMBER  
**26153.100**  
HCA PROJECT NUMBER  
**0715000049**

DATE  
**12/18/2024**

ISSUE  
**CONSTRUCTION DOCUMENTS - ISSUE FOR PERMIT**

SHEET TITLE  
**GRADING ENLARGEMENTS**

SHEET NO.

**C5.3**

## EXISTING UTILITY NOTE

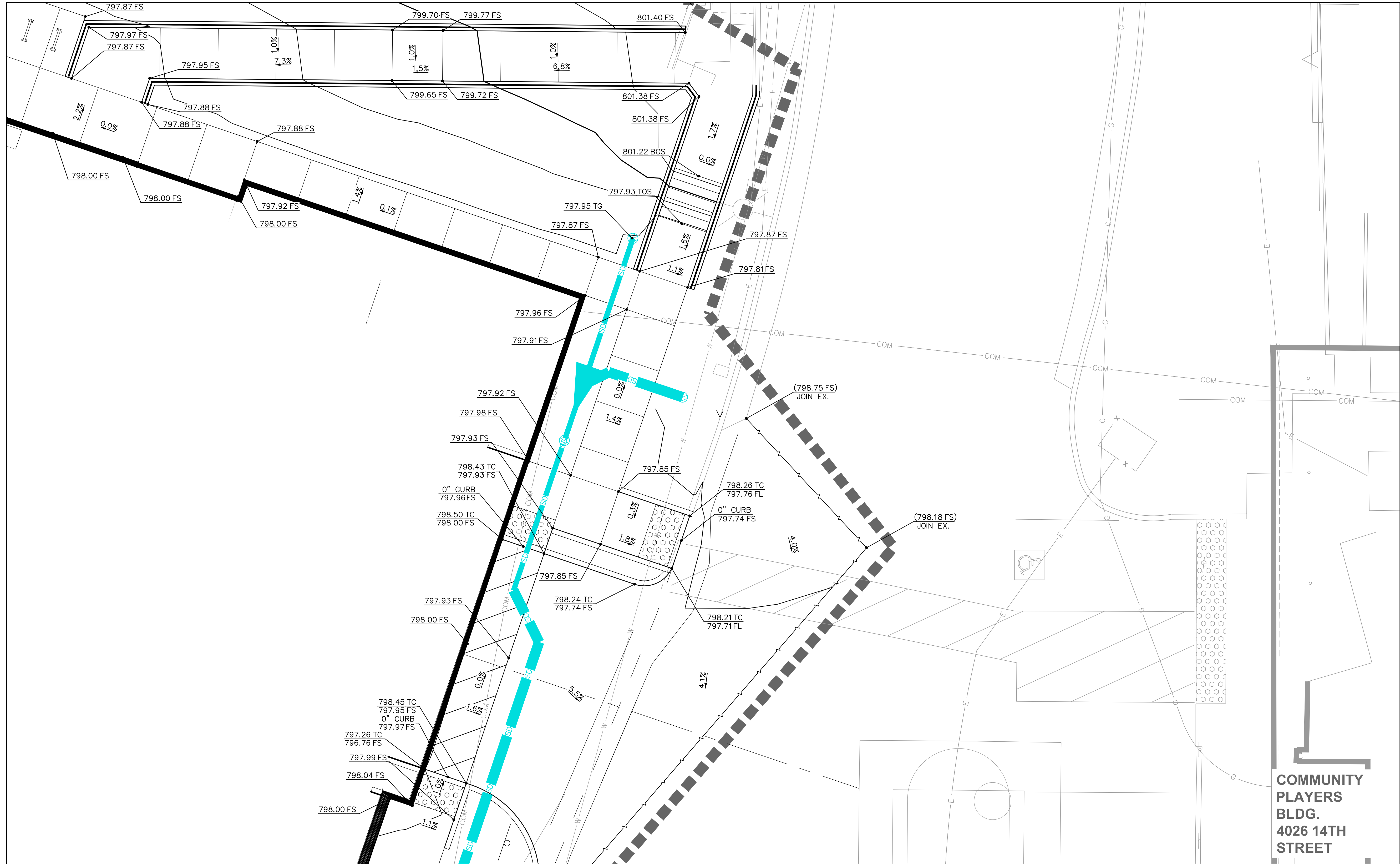
THE EXISTING UTILITIES SHOWN ON THE PLAN ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR MUST FIELD DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT DISCREPANCIES AND POTENTIAL CONFLICTS WITH PROPOSED UTILITIES TO ENGINEER PRIOR TO INSTALLATION OF ANY PIPING.

## LEGEND

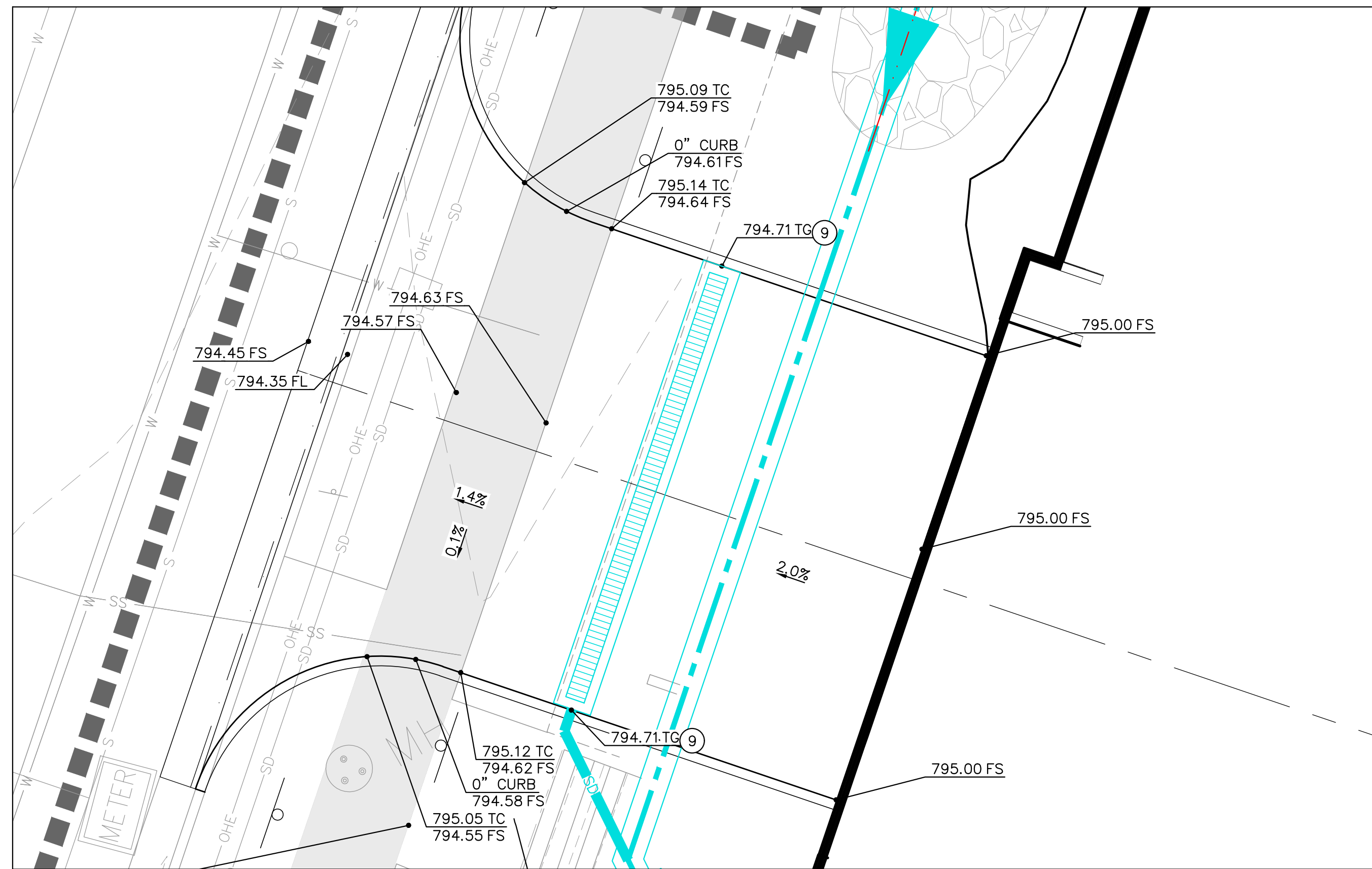
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	CENTER LINE
	EASEMENT LINE
	PROPOSED STORM DRAIN PIPE (< 12")
	PROPOSED STORM DRAIN PIPE (> 12")
	FLOW LINE
	DAYLIGHT LINE
	CIVIL LIMIT OF WORK LINE
	PROPOSED SIDEWALK
	POINT OF CONNECTION (TO BLDG)
	POINT OF CONNECTION (TO EXISTING)
	PIPE END CAP
	PROPOSED CLEANOUT
	STORM DRAIN AND SANITARY SEWER MANHOLE
	CATCH BASIN INLET
	AREA DRAIN
	TRENCH DRAIN
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE, CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

## DRAINAGE NOTES

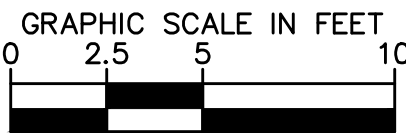
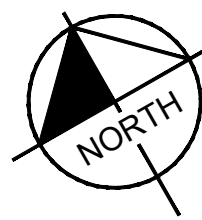
- CONSTRUCT BROOKS PRODUCTS 24"x24" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOGARD INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 1 AND 3, SHEET C8.2.
- PVC SDR-35 STORM DRAIN PIPE. SIZE AND SLOPE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0.
- CONNECT TO EXISTING STORM DRAIN. CONTRACTOR TO FIELD VERIFY INVERT PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- WYE CONNECTION BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- BEND BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- CONSTRUCT BROOKS PRODUCTS 12"x12" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOGARD INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 2 AND 3, SHEET C8.2.
- BUILDING POINT OF CONNECTION. SEE PLUMBING PLAN FOR CONTINUATION.
- AREA DRAIN PER DETAIL 4, SHEET C8.2.
- 12" WIDE TRENCH DRAIN PER DETAIL 06, SHEET C8.1.
- 18" CAP AND PLUG FOR FUTURE CONNECTION.
- STORM DRAIN CLEANOUT. SEE DETAIL 03, SHEET C8.1.
- CONTRACTOR TO COORDINATE POWER POLE GUY WIRE WITH NEW SIDEWALK.
- CURB OPENING CATCH BASIN PER SPPWC STD 300-3, DETAIL 05 SHEET C8.2 w/ FLOGARD INSERT FILTER, DETAIL 03 SHEET C8.2.
- PROPOSED INFILTRATION/DETENTION SYSTEM. SEE SHEET C8.4.



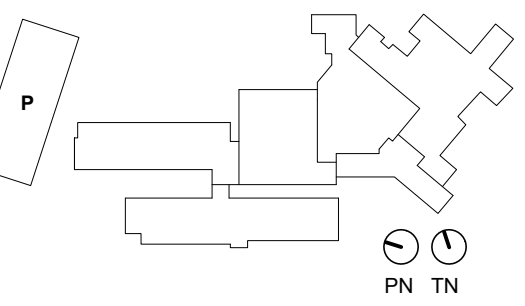
ENLARGEMENT 1  
SHEET C5.0 - GRADING AND DRAINAGE PLAN



ENLARGEMENT 2  
SHEET C5.1 - GRADING AND DRAINAGE PLAN







REVISION NO.	DESCRIPTION	DATE

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DOCUMENTS - ISSUE  
FOR PERMIT**

SHEET TITLE  
**GRADING  
ENLARGEMENTS**

SHEET NO.

**C5.4**

## EXISTING UTILITY NOTE

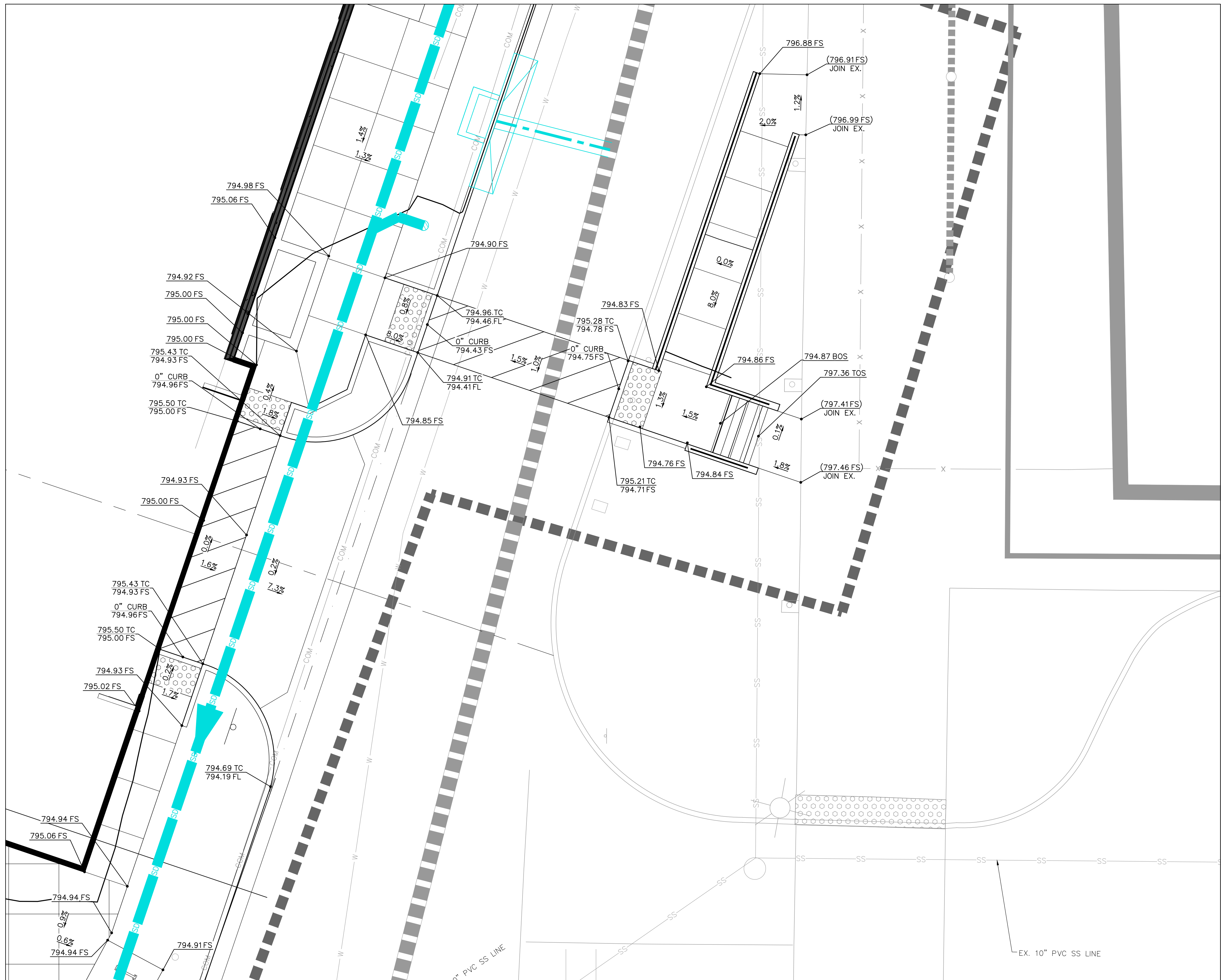
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## LEGEND

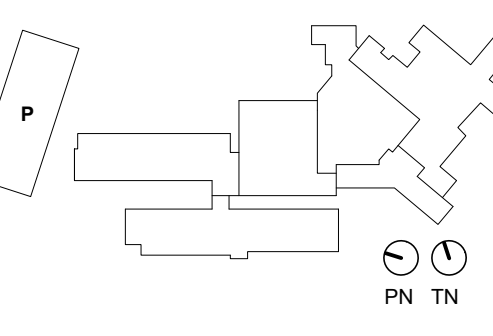
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	CENTER LINE
	EASEMENT LINE
	PROPOSED STORM DRAIN PIPE (< 12" Ø)
	PROPOSED STORM DRAIN PIPE (> 12" Ø)
	FLOW LINE
	DAYLIGHT LINE
	CIVIL LIMIT OF WORK LINE
	PROPOSED SIDEWALK
	POINT OF CONNECTION (to BLDG)
	POINT OF CONNECTION (TO EXISTING)
	PIPE END CAP
	PROPOSED CLEANOUT
	STORM DRAIN AND SANITARY SEWER MANHOLE
	CATCH BASIN INLET
	AREA DRAIN
	TRENCH DRAIN
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE. CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

## DRAINAGE NOTES

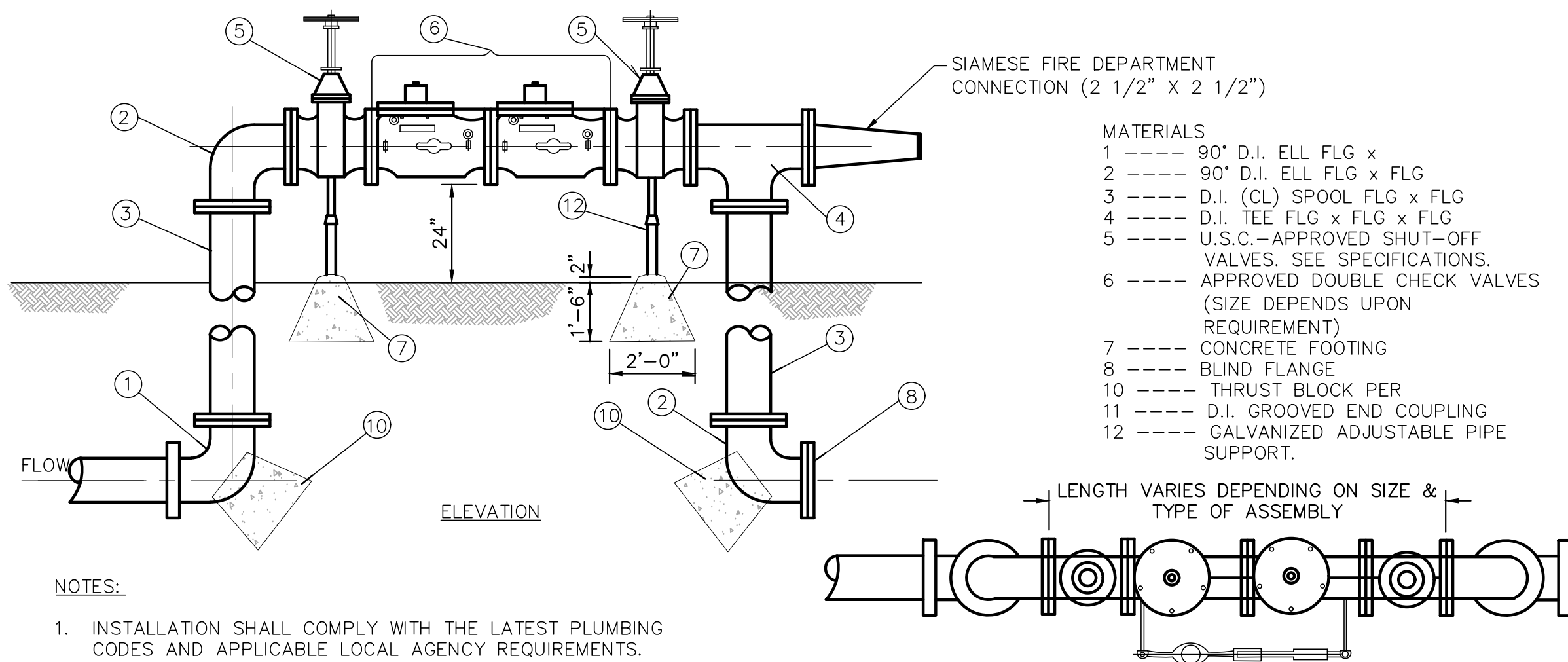
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- PVC SDR-35 STORM DRAIN PIPE. SIZE AND SLOPE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0.
- CONNECT TO EXISTING STORM DRAIN. CONTRACTOR TO FIELD VERIFY INVERT PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- WYE CONNECTION BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- BEND BY ADS OR APPROVED EQUAL. SIZE PER PLAN.
- CONSTRUCT BROOKS PRODUCTS 12"x12" PRECAST CATCH BASIN w/ TRAFFIC RATED GRATE w/ FLOGARD INSERT FILTER OR APPROVED EQUIVALENT PER DETAIL 2 AND 3, SHEET C8.2.
- BUILDING POINT OF CONNECTION. SEE PLUMBING PLAN FOR CONTINUATION.
- AREA DRAIN PER DETAIL 4, SHEET C8.2.
- 12" WIDE TRENCH DRAIN PER DETAIL 06, SHEET C8.1.
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- PROPOSED INFILTRATION/DETENTION SYSTEM. SEE SHEET C8.4.







NO.	DESCRIPTION	DATE



## NOTES:

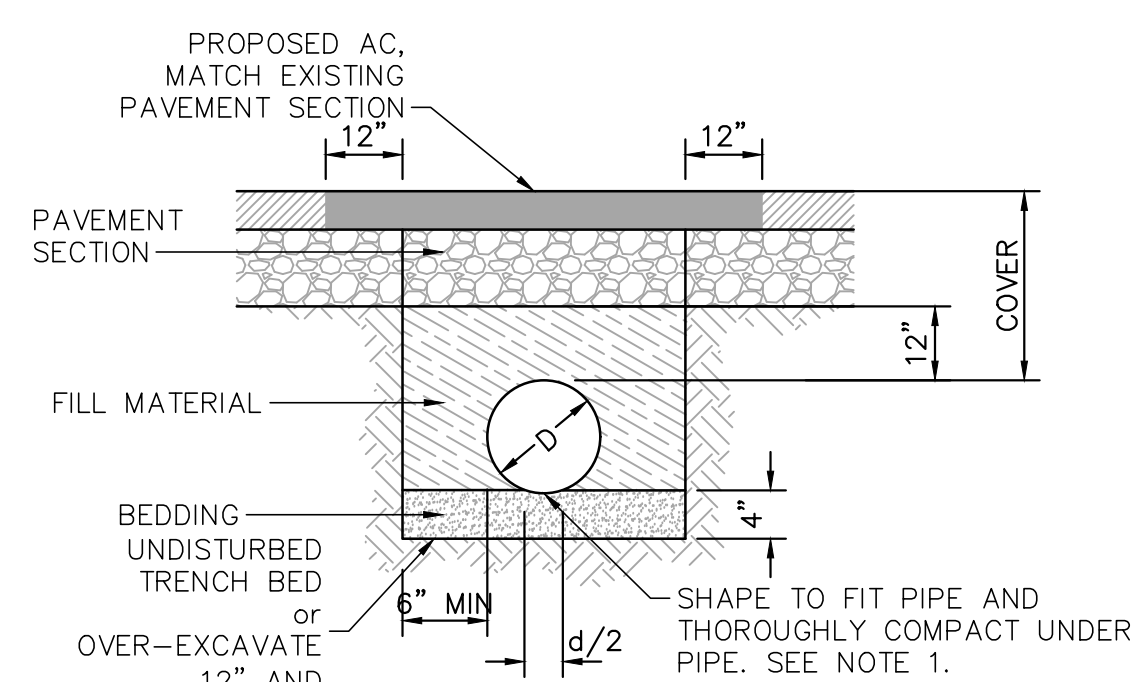
1. INSTALLATION SHALL COMPLY WITH THE LATEST PLUMBING CODES AND APPLICABLE LOCAL AGENCY REQUIREMENTS.
2. THRUST BLOCKS PER DETAIL 16, SHEET C8.00.

DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY WITH FDC  
N.T.S.

PLAN

REV. DATE: 08.28.2015

1



## NOTES

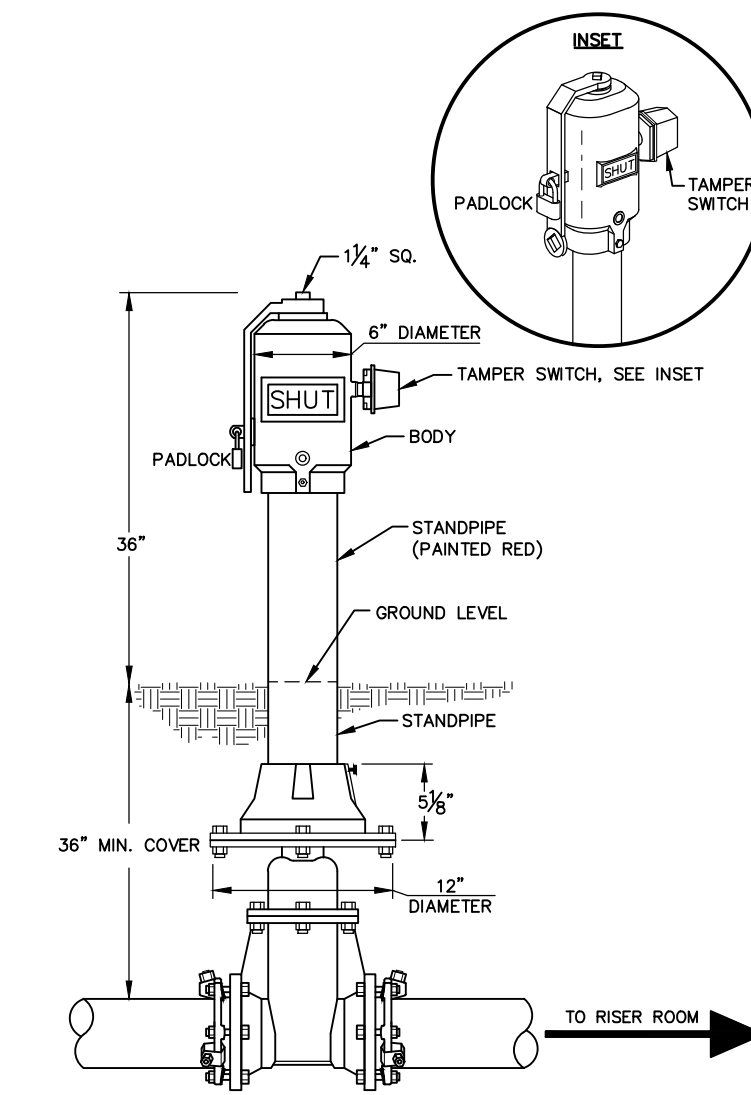
- BEDDING: CLEAN COARSE SAND  
FILL MATERIAL: NATIVE MATERIAL - MAXIMUM SIZE NOT TO EXCEED 1 1/2"
- COVER: 36" MINIMUM, OR MINIMUM OF AGENCY HAVING JURISDICTION  
EXCAVATE FOR BELLS OR HUBS SO FULL LOAD IS CARRIED BY PIPE BARRELS
- NOTE 1: REFER TO GEOTECHNICAL REPORT FOR BEDDING RECOMMENDATIONS
- NOTE 2: REFER TO GEOTECHNICAL REPORT FOR BEDDING RECOMMENDATIONS

## FLEXIBLE PIPE BEDDING AND TRENCH DETAIL

N.T.S.

REV. DATE: 08.28.2015

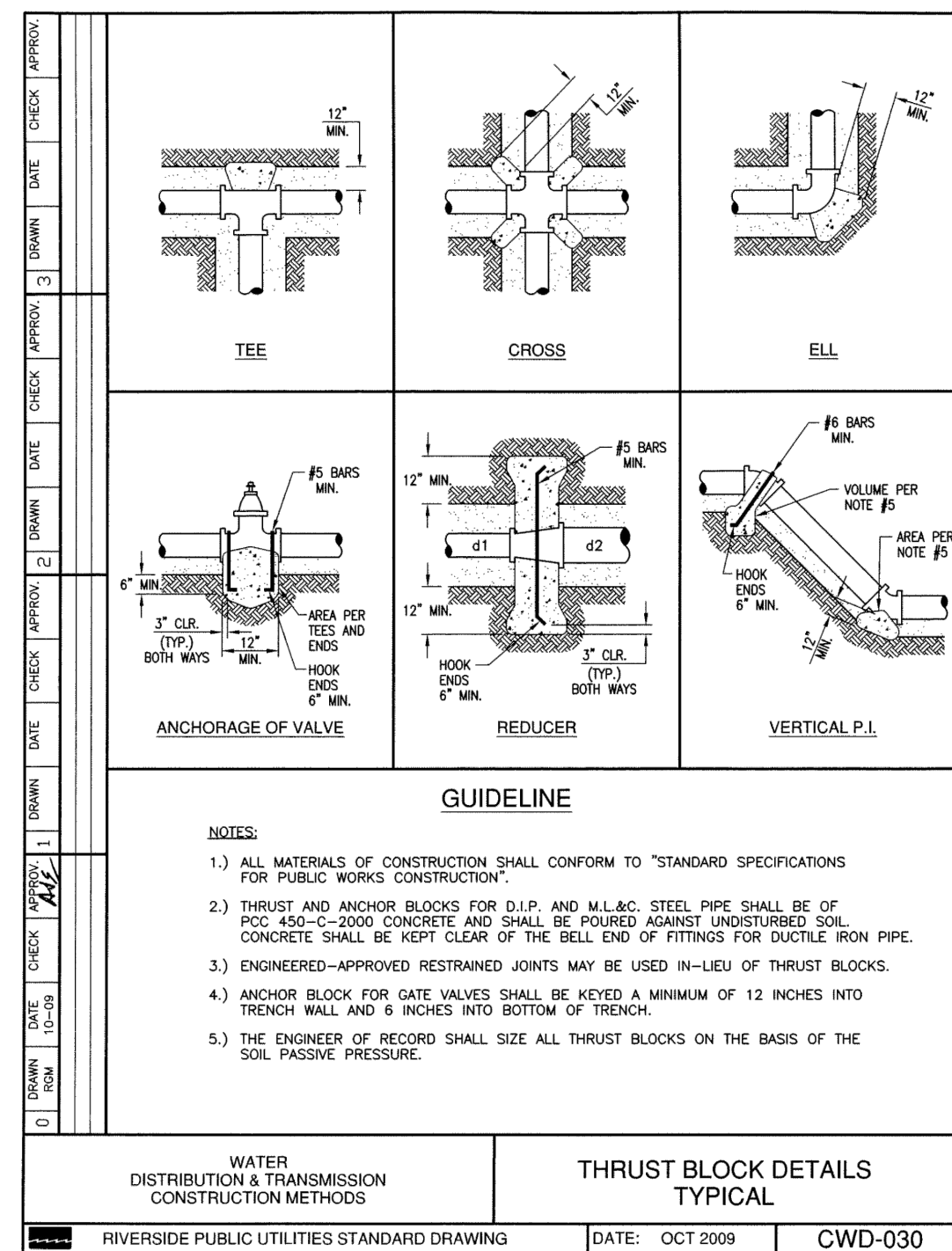
2



## POST INDICATOR VALVE DETAIL

N.T.S.

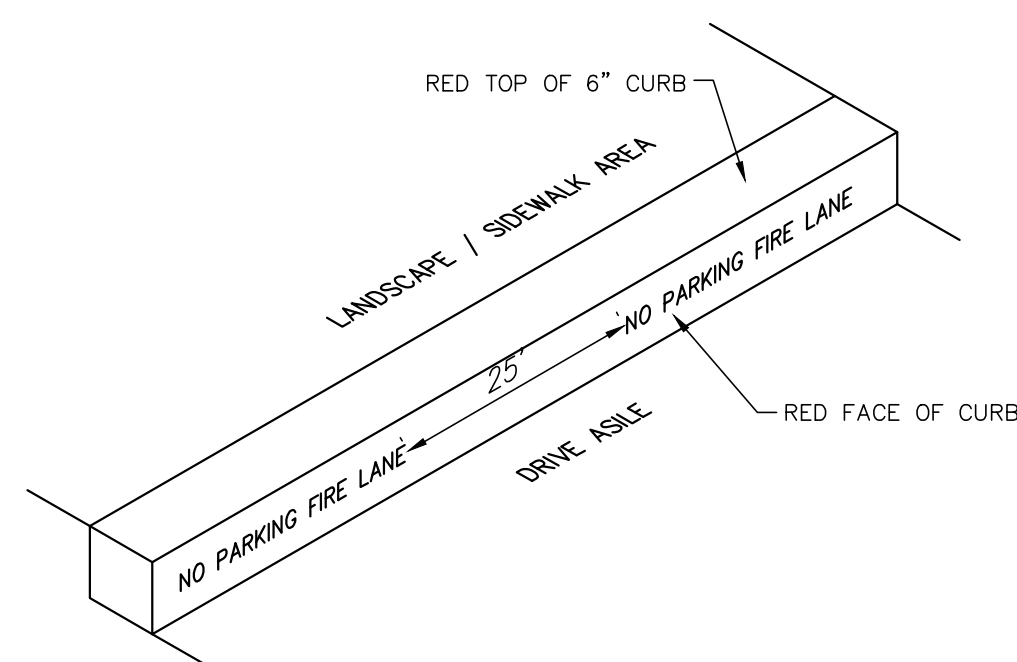
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## THRUST BLOCK DETAIL

N.T.S.

4

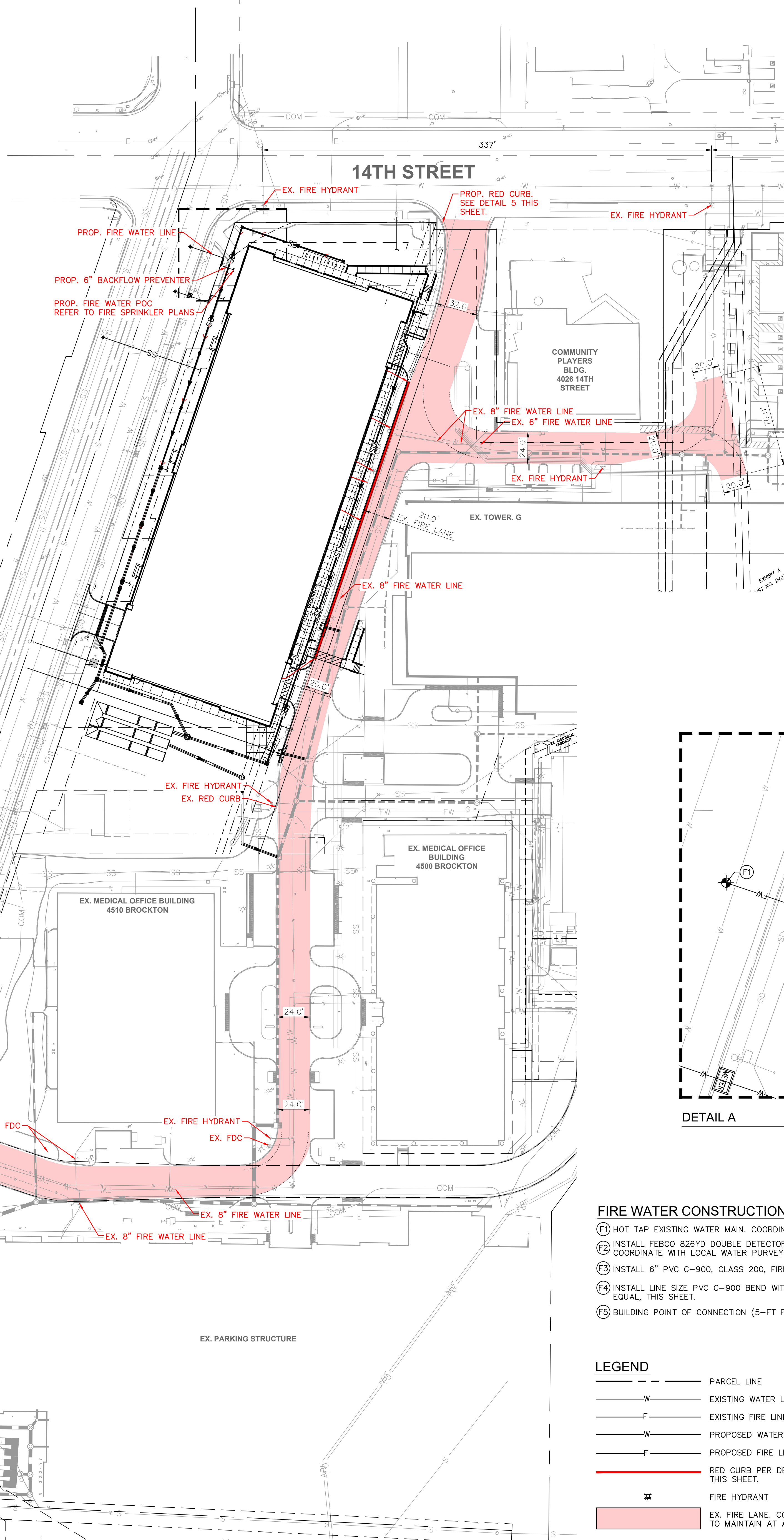


## RED CURB FIRE LANE MARKING DETAIL

N.T.S.

5

- NOTES:
1. 6-INCH RED TRAFFIC PAINT STRIPE
  2. 4-INCH WHITE REFLECTIVE LETTERING WITH 3/4-INCH STROKE STATING "NO PARKING FIRE LANE"
  3. LETTERING/WORDING SPACED EVERY 25 FEET
  4. WHERE FIRE LANE IS ADJACENT TO 0" CURB, PAINT TOP OF CURB RED AND APPLY LETTERING/WORDING



## FIRE WATER CONSTRUCTION NOTES

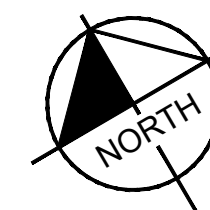
- (F1) HOT TAP EXISTING WATER MAIN. COORDINATE TAP WITH LOCAL WATER PURVEYOR.
- (F2) INSTALL FEBCO 826YD DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY, OR APPROVED EQUAL. SIZE PER PLAN. COORDINATE WITH LOCAL WATER PURVEYOR. SEE DETAIL 1, THIS SHEET.
- (F3) INSTALL 6" PVC C-900, CLASS 200, FIRE WATER LINE. TRENCH PER DETAIL 2, THIS SHEET.
- (F4) INSTALL LINE SIZE PVC C-900 BEND WITH CONCRETE THRUST BLOCK PER DETAIL 4, MECHANICAL JOINT, OR APPROVED EQUAL, THIS SHEET.
- (F5) BUILDING POINT OF CONNECTION (5-FT FROM BUILDING FACE). REFER TO PLUMBING PLANS FOR CONTINUATION.

## LEGEND

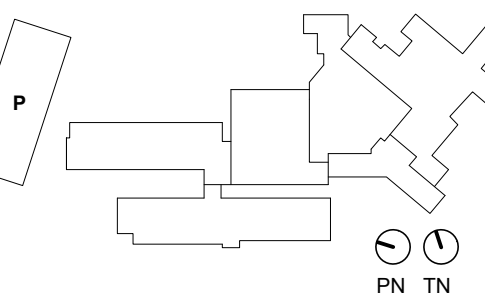
---	PARCEL LINE
---	EXISTING WATER LINE
---	EXISTING FIRE LINE
---	PROPOSED WATER LINE
---	PROPOSED FIRE LINE
---	RED CURB PER DETAIL 5, THIS SHEET.
---	FIRE HYDRANT
---	EX. FIRE LANE. CONTRACTOR TO MAINTAIN AT ALL TIMES.

## UTILITY NOTES

1. ALL PVC WATER LINES SHALL BE CLASS 150 PVC (AWWA C900)
2. ALL WATER AND FIRE LINE INSTALLATIONS SHALL BE PER CITY OF RIVERSIDE PUBLIC UTILITIES STANDARDS
3. ALL TEES, PLUGS, CAPS, BENDS, REDUCERS, VALVES, AND HYDRANT BRANCHES SHALL BE RESTRAINED AGAINST MOVEMENT USING EITHER THRUST BLOCKS PER NFPA 24 SEC. 10.8.2 OR RESTRAINED JOINTS PER NFPA 24 SEC. 10.8.3

GRAPHIC SCALE IN FEET  
0 20 40 80





NO.	DESCRIPTION	DATE

## LEGEND

---	PROPERTY LINE
---	CENTER LINE
---	EASEMENT OR SETBACK LINE
---	CIVIL LIMIT OF WORK LINE
SS	PROPOSED SANITARY SEWER PIPE
SD	PROPOSED STORM DRAIN PIPE (< 12"Ø)
SD	PROPOSED STORM DRAIN PIPE (> 12"Ø)
W	PROPOSED WATER PIPE
FW	PROPOSED FIRE WATER PIPE
SS	EXISTING SANITARY SEWER PIPE
SD	EXISTING STORM DRAIN PIPE (< 12"Ø)
W	EXISTING WATER PIPE
E	EXISTING ELECTRIC LINE
FW	EXISTING FIRE WATER PIPE
+	POINT OF CONNECTION TO EXISTING
+	POINT OF CONNECTION TO PROPOSED

## DOMESTIC WATER

- (W1) HOT TAP EXISTING WATER MAIN. COORDINATE TAP WITH LOCAL WATER PURVEYOR.
- (W2) INSTALL PVC C-900, CLASS 200, FIRE WATER LINE. SIZE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0. INSTALL 45° & 90° BENDS AND TEES AT REQUIRED LOCATIONS.
- (W3) INSTALL DOMESTIC WATER METER. SIZE PER PLAN. COORDINATE WITH LOCAL WATER PURVEYOR.
- (W4) INSTALL FEBCO 825Y REDUCED PRESSURE ASSEMBLY, OR APPROVED EQUAL PER DETAIL 04, SHEET C8.1. SIZE PER PLAN. COORDINATE INSTALLATION WITH LOCAL WATER PURVEYOR.
- (W5) BUILDING POINT OF CONNECTION (5'-FT FROM BUILDING FACE). REFER TO PLUMBING PLANS FOR CONTINUATION.

## FIRE WATER

- (F1) PROPOSED FIRE WATER PIPING AND APPURTENANCES - REFER TO SITE FIRE ACCESS AND UNDERGROUND PLAN FOR DESIGN INFORMATION

## SEWER

- (S1) CONNECT TO EXISTING SEWER MAIN.
- (S2) INSTALL SDR-35 PVC SEWER LATERAL. SIZE PER PLAN. TRENCH PER DETAIL 9, SHEET C8.0.
- (S3) BUILDING POINT OF CONNECTION (5'-FT FROM BUILDING FACE). REFER TO PLUMBING PLANS FOR CONTINUATION.
- APPROXIMATE LOCATION OF EXISTING SS LATERAL. CONFLICTING RECORD DRAWINGS. CITY PLANS INDICATE 6-IN. SITE PLANS INDICATE 4-IN.
- (S4) CONTRACTOR TO FIELD VERIFY SIZE AND INVERT AND CAMERA EXISTING LATERAL TO DETERMINE IF IT IS IN GOOD CONDITION. IF SIZE CAPACITY, DEPTH, AND CONDITION ALLOW FOR CONNECTION, NOTIFY ENGINEER.

## STORM DRAIN

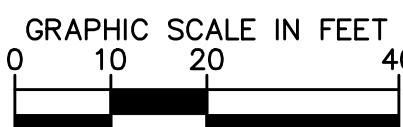
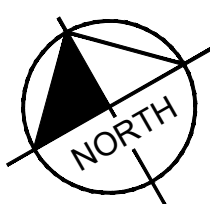
- (D1) PROPOSED STORM DRAIN PIPING AND APPURTENANCES. REFER TO DRAINAGE PLAN FOR DESIGN INFORMATION.

## EXISTING UTILITY NOTE

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## UTILITY CROSSING NOTE

CONTRACTOR TO MAINTAIN 18" MINIMUM VERTICAL CLEARANCE. IF THE MINIMUM CLEARANCE CANNOT BE ACHIEVED, A PROTECTIVE BLANKET SHALL BE INSTALLED ON THE BOTTOM PIPE.





NOTES:

- CONTRACTOR SHALL CONFIRM THESE PAVEMENT SECTIONS WITH THE GEOTECHNICAL REPORT BY PREPARED BY GROUP DELTA CONSULTANTS, INC., DATED MAY 10, 2024.
- PAVEMENT VALUES ARE SUBJECT TO CHANGE PENDING GEOTECHNICAL INVESTIGATION REPORT AND RECOMMENDATIONS.
- MATCH EXISTING PAVEMENT SECTION IF MORE STRINGENT THAN SECTION PER THIS DETAIL.
- CONTRACTOR TO PROVIDE R-VALUE OF COMPACTED SUBGRADE TO ENGINEER PRIOR TO PAVEMENT OPERATIONS, IN ORDER TO MAKE ANY NECESSARY ADJUSTMENTS TO THE PAVEMENT SECTION.
- ALL TREAD SURFACES SHALL BE SLIP-RESISTANT, REFER TO ARCHITECTURAL PLANS FOR COLOR, TEXTURE, PATTERN AND FINISH.

	AC HEAVY TRAFFIC AREAS (TI = 7.0)	AC FIRE TRUCK TRAFFIC AREAS (TI = 8.0)
A	0'-4"	0'-5"
B	1'-0"	1'-2"
C	1'-0"	1'-0"

PAVEMENT SECTIONS

N.T.S.

REV. DATE: 08.28.2015

LANDSCAPE WHERE SHOWN

SIDEWALK WHERE SHOWN

6"

1 1/2" R

1" R

HEIGHT PER PLAN

PROPOSED\* PAVEMENT PER PLAN

SUBGRADE COMPACTION PER PLAN

LANDSCAPE WHERE SHOWN

SIDEWALK WHERE SHOWN

6"

1 1/2" R

1" R

5.00%

1 1/2" R

PROPOSED PAVEMENT PER PLAN

SUBGRADE COMPACTION PER PLAN

NOTES:

- CONCRETE SHALL BE 3500 PSI.
- ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED
- CONTRACTION JOINTS CONSISTING OF 1" DEEP SCORES SHALL BE PLACED AT 15' INTERVALS O.C.
- WHERE A WALK IS ADJACENT TO THE CURB THE JOINTS SHALL ALIGN WITH JOINTS IN THE WALK.

CONCRETE CURB & GUTTER

N.T.S.

REV. DATE: 08.28.2015

36"

18"

6"

1" BATTER

1 1/2" R

#4 BARS 18" O.C.

NOTE:

CONCRETE SHALL BE 3000 PSI.

VALLEY GUTTER

N.T.S.

REV. DATE: 05.05.2016

NEW ASPHALT SURFACE

12" MIN.

SAW CUT FULL DEPTH

BITUMINOUS TACK COAT

EXISTING ASPHALT SURFACE

NEW BASE COURSE

APPROX. 1

EXISTING AGGREGATE BASE COURSE TO BE PROTECTED AND REMAIN UNDISTURBED TO PREVENT LOSS OF DENSITY AND SUPPORT UNDER EXISTING PAVEMENT

ASPHALT PAVEMENT JOIN DETAIL

N.T.S.

REV. DATE: 08.28.2015

SEE ARCHITECTURAL PLANS FOR COLOR, FINISH AND JOINT PATTERN SEE NOTE 2.

4" CONCRETE WALK

2" CRUSHED AGGREGATE BASE (CAB) COURSE (COMPACTION PER PROJECT GEOTECHNICAL REPORT)

COMPACTED SUBGRADE PER PROJECT GEOTECHNICAL REPORT

NOTE:

- CONCRETE SHALL BE 520-C-3000, 4" MAX. SLUMP.
- AT 2 LOCATIONS, CONTRACTOR TO PROVIDE MEDIUM BROOM FINISH SEE SHEETS C-502 AND C-503 FOR THOSE LOCATIONS.

CONCRETE WALK

N.T.S.

REV. DATE: 08.28.2015

STANDARD ADA NOTES:

- ACCESSIBLE ROUTE TO ACCESSIBLE SPACES, BUILDING ENTRANCES, AND PUBLIC STREETS SHALL NOT EXCEED 5% RUNNING SLOPE AND 2% CROSS SLOPE.
- UNLESS OTHERWISE SHOWN ON THE PLANS, THE MINIMUM CLEAR ROUTE SHALL BE 36" WIDE WITH A 60" X 60" PASSING SPACE EVERY 200 FEET.
- ACCESSIBLE ROUTES THROUGH PLANTERS SHALL BE LEVEL WITH THE SURROUNDING PAVEMENT OR PROVIDE CURB RAMPS AT EACH END WITH A MINIMUM 48" LEVEL LANDING IN BETWEEN.
- THE ACCESSIBLE ROUTE IN FRONT OF PARKING SHALL BE A MINIMUM OF 48" WIDE AND NOT REDUCED BY VEHICLE OVERHANGS, CURBING, SIGN POSTS, OR OTHER OBSTRUCTIONS.
- ANY WALK THAT CROSSES OR ADJUNS A VEHICULAR WAY NOT SEPARATED BY CURBS, RAILINGS, OR OTHER ELEMENTS SHALL BE DEFINED BY A CONTINUOUS 36" WIDE DETECTABLE WARNING.
- SPECIAL RAMP RULES APPLY FOR ANY RISE GREATER THAN 6" INCLUDING BUT NOT LIMITED TO RESTRICTION ON SLOPE, TOTAL RISE BETWEEN LANDINGS, AND USE OF HANDRAILS.
- TRANSITION CHANGE IN ELEVATION IS NOT TO EXCEED 1/4" WITHIN AN ACCESSIBLE ROUTE.
- JOINT WIDTHS ARE NOT TO EXCEED 1/2" OF WIDTH.
- CURB RAMPS MUST HAVE A DIFFERENT FINISH FROM THE ADJACENT PAVEMENT.

STANDARD ADA NOTES

N.T.S.

REV. DATE: 08.28.2015

TRUNCATED DOME PLAN

TRUNCATED DOME SECTION

NOTES:

- CONTRACTOR TO REFERENCE MANUFACTURERS GUIDELINES FOR INSTALLATION OF TRUNCATED DOMES.
- COLOR TO BE YELLOW UNLESS NOTED OTHERWISE

TRUNCATED DOMES

N.T.S.

REV. DATE: 08.28.2015

DIAGONAL CURB RAMP

IN-LINE CURB RAMP

DOUBLE RAMP CURB RAMP

NOTES:

- ALL ACCESSIBLE COMPONENTS CONSTRUCTED AS PART OF THESE PLANS SHALL COMPLY WITH THE LOCAL, STATE, AND FEDERAL REGULATIONS WHICHEVER ARE MORE STRINGENT.
- CURB RAMPS SHALL HAVE A DETECTABLE WARNING EXTENDING THE FULL WIDTH OF THE CURB RAMP AND 3' DEEP. GROOVED SURFACES ON OUTDOOR CURB RAMPS ARE NOT PERMITTED. VERIFY LOCAL REQUIREMENTS WITH THE BUILDING DEPARTMENT. REFER TO TRUNCATED DOMES DETAIL AND REQUIREMENTS IN THE CALIFORNIA BUILDING CODE.
- PARALLEL CURB RAMPS SHALL HAVE A DETECTABLE WARNING EXTENDING 36" DEEP ALONG THE FLUSH TRANSITION BETWEEN STREET AND SIDEWALK. REFER TO TRUNCATED DOMES DETAIL.
- PUBLIC SIDEWALK CURB RAMPS CONSTRUCTED WITHIN A PUBLIC RIGHT-OF-WAY, IN ABSENCE OF LOCAL ROADWAY GUIDELINES, SHALL MEET OR EXCEED LOCAL REGULATIONS.
- CURB RAMP SURFACES (FLARES AND RAMP) SHALL HAVE A DIFFERENT TEXTURE FROM THE SURROUNDING PAVEMENT.
- CURB RAMPS SHALL BE CONCRETE WITH STRENGTH OF 2500 PSI.
- INSTALL 1/4" EXPANSION JOINT FILLER MATERIAL BETWEEN A NEW CURB RAMP AND THE EXISTING SIDEWALKS.
- WATER PONDING WITHIN THE CURB RAMP LIMITS IS NOT ALLOWED.
- NO GRADE BREAK IS ALLOWED ALONG THE RAMP SURFACE.
- CROSS SLOPE OF THE CURB RAMP SURFACE SHALL BE LESS THAN 2%.
- TRANSITION CHANGE IN ELEVATION IS NOT TO EXCEED 1/2" WITHIN AN ACCESSIBLE ROUTE.
- DIAGONAL CURB RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.

ACCESSIBLE RAMP DETAILS

N.T.S.

REV. DATE: 05.05.2016

PROPOSED A.C. MATCH EXISTING PAVEMENT SECTION

PAVEMENT SECTION

12"

12"

COVER

12"

FILL MATERIAL

BEDDING: UNDISTURBED TRENCH BED OR OVER-EXCAVATE 12" AND RE-COMPACT

SHAPE TO FIT PIPE AND THOROUGHLY COMPACT UNDER PIPE. SEE NOTE 1.

NOTES:

BEDDING: CLEAN COARSE SAND

FILL MATERIAL: NATIVE MATERIAL - MAXIMUM SIZE NOT TO EXCEED 1 1/2"

COVER: 36" MINIMUM, OR MINIMUM OF AGENCY HAVING JURISDICTION

NOTE 1: EXCAVATE FOR BELLS OR HUBS SO FULL LOAD IS CARRIED BY PIPE BARRELS.

NOTE 2: REFER TO SECTION IN GEOTECHNICAL REPORT FOR BEDDING RECOMMENDATIONS

FLEXIBLE PIPE BEDDING AND TRENCH DETAIL

N.T.S.

REV. DATE: 08.28.2015

12"

12"

NO DUMPING

DRAINS TO OCEAN

STENCIL DETAIL

N.T.S.

REV. DATE: 08.28.2015

EXISTING A.C. PAVEMENT

EXISTING C.A.B.

MATCH EX. A.C. PAVEMENT PER SECTION 302-5 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".

12" TYP.

BACKFILL

36" COVER UNLESS OTHERWISE NOTED ON PLAN

① MATCH EX. C.A.B. PER SECTION 200-2.2 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION."

TRENCH BACKFILL

N.T.S.

REV. DATE: 08.28.2015

EDGE OF CROSSWALK OR INTERSECTING TRAVEL WAY

STOP BAR

4'-0" MIN.

STOP SIGN (TYP.)

36"x36" AT HIGHWAYS/STREET INTERSECTIONS

30"x30" WITHIN PARKING LOT

NOTE:

- WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 38.15 AND 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- THESE WORDS AND BAR ARE TO BE PAINTED "WHITE" WHEN IN PARKING LOT AND "RETROREFLECTIVE WHITE WITH GLASS BEADS" PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

STOP PAVEMENT MARKING WITH STOP SIGN

N.T.S.

REV. DATE: 03.16.20

OPEN ARROW MARKINGS AS INDICATED ON PLANS PAINTED "WHITE"

NOTE:

- ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- OPEN ARROWS SHALL CONSIST OF A 4" PERIMETER STRIPE.

OPEN ARROW PAVEMENT MARKING

N.T.S.

REV. DATE: 03.16.20

30"

30"

30"

WHITE LEGEND RED BACKGROUND

R1-1

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

R1-1 STOP SIGN

N.T.S.

REV. DATE: 03.16.20

30"

30"

DO NOT ENTER

STANDARD RED AND WHITE SIGN

R5-1

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

DO NOT ENTER SIGN

N.T.S.

REV. DATE: 03.16.20

6'-0"

6'-0"

8'-0"

8'-0"

AS INDICATED ON PLANS PAINTED "RETROREFLECTIVE WHITE"

SOLID ARROW PAVEMENT MARKINGS

N.T.S.

REV. DATE: 03.16.20

# HKS

**OWNER**  
HOSPITAL CORPORATION OF AMERICA (HCA)  
2545 PARK PLAZA, BUILDING 3-2  
NASHVILLE, TN 37203

**FACILITY**  
RIVERSIDE COMMUNITY HOSPITAL  
4445 MAGNOLIA AVENUE  
RIVERSIDE, CA 92501

**ARCHITECT/ INTERIOR DESIGNER**  
HKS ARCHITECTS, INC.  
10880 WILSHIRE BLVD, #1850  
LOS ANGELES, CA 90024

**CIVIL ENGINEER/ LANDSCAPE ARCHITECT**  
KIMLEY-HORN AND ASSOCIATES, INC.  
1100 W. TOWN & COUNTRY ROAD, SUITE 700  
ORANGE, CA 92668

**STRUCTURAL ENGINEER**  
KPFF  
700 S FLOWER STREET, SUITE 2100  
LOS ANGELES, CA 90017

**MEP/LOW VOLTAGE ENGINEER**  
WSP USA  
3102 OAK LAWN AVE, SUITE 450  
DALLAS, TX 75219

**PARKING CONSULTANT**  
HWA PARKING  
8600 GREAT HILLS TRAIL, SUITE 150W  
AUSTIN, TX 78759

**HCA DESIGN MANAGER**  
ZACH WIDEMAN

**HCA CONSTRUCTION MANAGER**  
RUSSELL MAASS

**RIVERSIDE**  
Community Hospital

**NEW BROCKTON**  
PARKING GARAGE

**HCA**  
Healthcare

KEY PLAN

P

PH TN

REGISTERED PROFESSIONAL ENGINEER

NIKKI D. KERRY

STATE OF CALIFORNIA

CIVIL

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER

**26153.100**

HCA PROJECT NUMBER

**0715000049**

DATE

**12/18/2024**

ISSUE

**CONSTRUCTION DOCUMENTS - ISSUE FOR PERMIT**

SHEET TITLE

**DETAILS**

SHEET NO.

**C8.0**

PLOT DATE:

PR-2024-001701 (GPA, SPA, RZ, DR) Exhibit 13 - EIR Addendum and appendices

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