

STANDARD NOTES

- 1. ALL WORK SHALL CONFORM TO SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT STANDARD SPECIFICATIONS AND STANDARD PLANS...
2. THESE PLANS HAVE BEEN CHECKED BY SMCCCD FOR CONFORMANCE WITH THE DISTRICTS' STANDARDS...
3. ALL REVISIONS TO THIS PLAN MUST BE REVIEWED BY SMCCCD PRIOR TO CONSTRUCTION...
4. ALL CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWERS, STORM DRAINS, WATER LINES, FIRE HYDRANTS, AND ELECTROLIERS, ETC., SHALL BE DONE BY A REGISTERED CIVIL ENGINEER...
5. THE EXISTING UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS...
6. FIRE HYDRANT LATERALS, GAS AND TELEPHONE LINES, AND ALL OTHER UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO CURB, GUTTER, AND SIDEWALK CONSTRUCTION...
7. ALL SANITARY SEWER MAINS SHALL BE TELEVISION INSPECTED...
8. ALL WATER LINES SHALL BE PRESSURE-TESTED, DISINFECTED, FLUSHED, AND TESTED FOR BACTERIA...
9. TESTING
A. ALL INDEPENDENT LABORATORY INSPECTION CALLED FOR BY THE ENGINEER WILL BE PAID FOR BY THE CONTRACTOR.
B. ROAD SUB-BASE AND TRENCH BACKFILL SHALL BE PERFORMED BY A SOILS LAB CONTRACTING WITH SMCCCD.
C. TESTS FOR R-VALUES ARE REQUIRED PRIOR TO THE INSTALLATION OF BASE ROCK.
D. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED TO SCHEDULE ALL SOILS TESTING SERVICES.
10. STREET SIGNS SHALL BE INSTALLED AT THE DIRECTION OF THE DISTRICT AND PER DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
11. TRAFFIC SIGNS SHALL BE INSTALLED AT THE DIRECTION OF THE DISTRICT AND PER DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
12. STREET STRIPING SHALL INCLUDE STOP BARS, CENTERLINE STRIPING OR MARKERS, CROSSWALKS AND ALL OTHER MARKINGS AS REQUIRED PER THE DISTRICT DESIGN STANDARDS AND STANDARD SPECIFICATIONS. STRIPING SHALL BE DONE WITH THERMOPLASTIC AND REFLECTIVE MARKERS.
13. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH CITY DESIGN STANDARDS AND STANDARD SPECIFICATIONS AND GEOTECHNICAL ENGINEER RECOMMENDATIONS.
14. WHEN WIDENING THE PAVEMENT ON AN EXISTING ROAD, THE EXISTING PAVEMENT SHALL BE CUT TO A NEAT LINE AND REMOVED BACK TO AN EXISTING ADEQUATE STRUCTURAL SECTION, OR TO THE ORIGINAL ROAD SECTION.
15. EXISTING CURB AND SIDEWALK WITHIN THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED PER DISTRICT STANDARD PLANS EVEN IF DAMAGE OR DISPLACEMENT OCCURRED PRIOR TO ANY WORK PERFORMED BY THE CONTRACTOR.
16. THE THICKNESS OF SUB-BASE, BASE AND SURFACING SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER BASED ON TRAFFIC INDEX AND SOIL TEST FOR "R" VALUE TAKEN AFTER ROUGH GRADING AT THE LEVEL OF THE STREET SUBGRADE
17. ALL STREET MONUMENTS, LOT CORNER, AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.
18. THE CONTRACTOR SHALL CONTROL DUST AT ALL TIMES DURING CONSTRUCTION AS REQUIRED BY THE CITY OF TRACY.
19. PRIOR TO TRENCHING FOR ANY SEWER, WATER, OR STORM DRAIN PIPE, THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE LOCATION OF THE EXISTING PIPE AT THE POINT OF CONNECTION.
20. MANHOLES, VALVES, CLEANOUTS, ETC., SHALL BE BROUGHT TO FINISH GRADE BY THE CONTRACTOR AFTER FINAL PAVING COURSE IS PLACED.

ADDITIONAL NOTES

I. GENERAL

- 1. CONTRACTOR SHALL BE PROVIDED WITH ONE SET OF SURVEY STAKES FOR LAYOUT PURPOSES. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PRESERVE AND PROTECT THESE STAKES UNTIL THEY ARE NO LONGER NEEDED.
2. EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS, AND HANDICAP ACCESS PATHWAYS SHALL BE MAINTAINED DURING CONSTRUCTION TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND THE DISTRICT.
3. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, CONTACT OWNER'S REPRESENTATIVE.
4. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT.
5. CURB DATA REFERS TO TOP FACE OF CURB.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, RIGHTS OF ENTRY, ETC. NECESSARY TO CONSTRUCT ANY WORK SHOWN HEREON.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL ENCROACHMENT, EXCAVATION, CONCRETE, ELECTRICAL, IRRIGATION, PLUMBING, ETC. PERMITS NECESSARY PRIOR TO BEGINNING ANY WORK SHOWN HEREON.

II. EXISTING CONDITIONS

- 1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON THE COMPILATION OF AN AERIAL SURVEY BY SANDIS HUMBER JONES.
2. ALL KNOWN EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FROM AVAILABLE RECORD INFORMATION.
3. ELEVATIONS, LOCATIONS, AND SIZES OF ALL EXISTING UTILITIES WHICH CROSS THE LINE OF CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF ANY CONSTRUCTION AFFECTING SAID LINES.
4. HAND TUNNELING/DIGGING MAY BE REQUIRED FOR EXCAVATION WORK IN WHICH EXISTING UTILITIES ARE WITHIN 24" OR LESS VERTICALLY OR HORIZONTALLY OF THE TRENCH LINE.
5. ELEVATIONS, LOCATIONS, AND SIZES OF ALL EXISTING UTILITIES WHICH CROSS THE LINE OF CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF ANY CONSTRUCTION AFFECTING SAID LINES.
6. TEMPORARY CUTBACK SHALL BE REMOVED BEFORE PLACEMENT OF FINAL PAVING.
7. PROPER TRAFFIC CONTROLS AND COVERING OF TRENCHES SHALL BE MAINTAINED IN ACCORDANCE WITH LOCAL SAFETY AND TRAFFIC CONTROL STANDARDS.
8. GLORY HOLE EXCAVATIONS AND V-TRENCHING SHALL NOT BE PERFORMED.
9. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE.
10. IT IS THE DEVELOPER'S AND/OR CONTRACTOR'S RESPONSIBILITY TO NOTIFY BKF UPON FINDING CONDITIONS IN THE FIELD WHICH ARE AT VARIANCE WITH THE PLANS AND/OR WHICH MAY REQUIRE ALTERING OF THE PLANS PRIOR TO THE COMMENCEMENT OF WORK.
11. UPON APPROVAL OF THE PLANS AND SPECIFICATIONS ANY CHANGES TO THE PLAN REVISIONS SHALL REQUIRE APPROVAL OF THE ENGINEER THROUGH A PLAN REVISION SUBMITTED BY BKF.
12. ANY EXISTING IMPROVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
13. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 48 HOURS PRIOR TO PERFORMING WORK REQUIRING INSPECTION.
14. CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM AND 7:00 PM MONDAY THROUGH FRIDAY.
15. ALL CONSTRUCTION VEHICLES SHALL ADHERE TO DISTRICT APPROVED TRUCK ROUTES.
16. STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT ON CITY STREETS WILL NOT BE PERMITTED.
17. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, OR OTHER TRAFFIC SAFETY DEVICES TO PROVIDE PUBLIC SAFETY IN ACCORDANCE WITH CALTRANS, WORK AREA TRAFFIC CONTROL HANDBOOK, AND CAL-OSHA SPECIFICATIONS.
18. STATIONARY NOISE-GENERATING CONSTRUCTION EQUIPMENT SUCH AS COMPRESSORS SHALL BE LOCATED AS FAR AS PRACTICAL FROM OCCUPIED BUILDINGS.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESPONDING TO ANY LOCAL COMPLAINTS ABOUT CONSTRUCTION NOISE.
20. CONSTRUCTION EQUIPMENT, TOOLS, ETC. SHALL NOT BE CLEANED OR RINSED INTO A STREET, GUTTER, STORM DRAIN, OR STREAM.
21. A CONTAINED AND COVERED AREA ON SITE SHALL BE USED FOR STORAGE OF CEMENT BAGS, PAINTS, FLAMMABLES, OILS, FERTILIZERS, OR ANY OTHER MATERIALS THAT HAVE POTENTIAL FOR BEING DISCHARGED TO THE STORM DRAIN SYSTEM BY WIND OR IN THE EVENT OF A MATERIAL SPILL.
22. ALL CONSTRUCTION DEBRIS SHALL BE GATHERED ON A REGULAR BASIS AND PLACED IN A DUMPSTER WHICH IS EMPTIED OR REMOVED WEEKLY.
23. CONCRETE/GUNITED TRUCKS AND CONCRETE/PLASTER FINISHING OPERATIONS SHALL NOT DISCHARGE WASH WATER INTO THE STREET GUTTERS OR DRAINS.
24. TRASH AND DEBRIS SHALL BE CLEANED UP DAILY ON ALL STREETS IN THE PROJECT VICINITY AND ALONG HAUL ROUTES.
25. A CIVIL ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA WILL SET ALL STAKES AND PROVIDE THE CUT SHEETS TO BE APPROVED BY THE ENGINEER FOR THIS PROJECT.
26. PRIOR TO PLACING CURB, SIDEWALK, ASPHALT CONCRETE, SUB-BASE OR BASE MATERIAL, ALL UNDERGROUND UTILITIES SHALL BE INSTALLED, BACKFILL COMPLETED, AND THE DISTRICT NOTIFIED BY EACH OF THE UTILITY COMPANIES HAVING FACILITIES WITHIN THE WORK AREA THAT THE UTILITY INSTALLATION HAS SATISFACTORILY PASSED ACCEPTANCE TESTS.
27. THE CONTRACTOR SHALL EXPOSE (I.E. BY POT-HOLING) AND CHECK INVERTS ON EXISTING SEWERS, STORM DRAINS, AND CLEARANCES OF KNOWN CROSSINGS OF OTHER UTILITIES BEFORE CONSTRUCTING NEW PIPELINES.
28. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY WATER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS THE CONTRACTOR SHALL CONTACT BKF FOR SUCH FURTHER EXPLANATION AS MAY BE NECESSARY.
29. IT IS THE DEVELOPER'S AND/OR CONTRACTOR'S RESPONSIBILITY TO NOTIFY BKF UPON FINDING CONDITIONS IN THE FIELD WHICH ARE AT VARIANCE WITH THE PLANS AND/OR WHICH MAY REQUIRE ALTERING OF THE PLANS PRIOR TO THE COMMENCEMENT OF WORK.
30. UPON APPROVAL OF THE PLANS AND SPECIFICATIONS ANY CHANGES TO THE PLAN REVISIONS SHALL REQUIRE APPROVAL OF THE ENGINEER THROUGH A PLAN REVISION SUBMITTED BY BKF.
31. ANY EXISTING IMPROVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
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40. A CONTAINED AND COVERED AREA ON SITE SHALL BE USED FOR STORAGE OF CEMENT BAGS, PAINTS, FLAMMABLES, OILS, FERTILIZERS, OR ANY OTHER MATERIALS THAT HAVE POTENTIAL FOR BEING DISCHARGED TO THE STORM DRAIN SYSTEM BY WIND OR IN THE EVENT OF A MATERIAL SPILL.
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100. TRASH AND DEBRIS SHALL BE CLEANED UP DAILY ON ALL STREETS IN THE PROJECT VICINITY AND ALONG HAUL ROUTES.

III. UTILITIES

- 1. TRENCHING AND RESURFACING
A. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR UTILITY TRENCHING.
B. ALL TRENCHES SHALL BE SHORED OR PROTECTED IN ACCORDANCE WITH OSHA AND OTHER STATE AND FEDERAL SAFETY CODES, REGULATIONS AND ORDINANCES.
C. PLACEMENT OF AGGREGATE BASE SHALL BE IN 8" LIFTS EVENLY PLACED AND MECHANICALLY COMPACTED TO RELATIVE DENSITY AS SPECIFIED.
D. ALL TRENCHES SHALL BE BACKFILLED AND TEMPORARILY PAVED OR STEEL PLATED AT THE END OF EACH WORKING DAY.
E. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL APPROVALS OF UTILITY INSTALLATIONS IN NEWLY CONSTRUCTED STREETS AND OTHER PAVED AREAS PRIOR TO PLACING NEW PAVING.
F. FINAL PAVING ABOVE TRENCH SECTION SHALL BE PLACED WITHIN 14 DAYS OF ITS BACKFILL AND COMPACTION.
G. TEMPORARY CUTBACK SHALL BE REMOVED BEFORE PLACEMENT OF FINAL PAVING.
H. PROPER TRAFFIC CONTROLS AND COVERING OF TRENCHES SHALL BE MAINTAINED IN ACCORDANCE WITH LOCAL SAFETY AND TRAFFIC CONTROL STANDARDS.
I. ASPHALT CONCRETE SHALL BE IN ACCORDANCE WITH CITY OF TRACY STANDARD SPECIFICATIONS.
J. THE CONTRACTOR SHOULD CAREFULLY READ AND UNDERSTAND CITY AND PROJECT TRENCH BACKFILL SPECIFICATIONS IN REGARD TO FILL MATERIALS AND COMPACTION REQUIREMENTS.
K. GLORY HOLE EXCAVATIONS AND V-TRENCHING SHALL NOT BE PERFORMED.
L. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE.
M. ALL BENDS, TEES, PLUGS, DEAD-ENDS, WET TAPS, AND BLOWOFF ASSEMBLIES SHALL BE DESIGNATED AND CONSTRUCTED WITH CONCRETE THRUST BLOCKS.
N. PIPE MATERIAL
A. STORM DRAIN PIPE 12 INCHES OR LARGER SHALL BE REINFORCED CONCRETE, TYPE III BELL & SPIGOT-TYPE PIPE.
B. SANITARY SEWER PIPE SHALL BE VITRIFIED CLAY PIPE (VCP).
C. ALL POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE DUCTILE IRON (DI).
D. POTABLE WATER DISTRIBUTION
A. ALL WATER LINES SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AND CONFORM TO SECTION 207-9.2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
B. FITTINGS FOR DIP SHALL BE CLASS 250 FOR 3-INCH SIZE AND LARGER, MECHANICAL JOINTS CONFORMING TO THE REQUIREMENTS OF AWWA C104.
C. ALL BURIED FERROUS METAL SHALL BE PROTECTED FROM EROSION, INCLUDING BUT NOT LIMITED TO VALVES, FITTINGS, PIPE, FLEXIBLE COUPLING & HYDRANT PIPING WITH POLYWRAP.
D. ALL PVC PIPE SHALL HAVE COPPER TRACER WIRE PLACED ON TOP OF THE PIPE AND DAYLIGHTED AT EVERY OTHER VALVE BOX LOCATION.
E. DURING CONSTRUCTION WHENEVER THE NEW NON-POTABLE WATER LINE IS LEFT UNATTENDED TEMPORARY PLUGS MUST BE INSTALLED AT ALL OPENINGS.
F. VALVES SHALL NOT BE LOCATED IN CONCRETE AREAS SUCH AS SIDEWALKS, CROSSPANS, APRONS, OR CURB AND GUTTER.
G. ALL NON-POTABLE WATER VALVE LIDS SHALL BE CAST DUCTILE IRON, TRIANGULAR IN SHAPE, AND LABELED WITH THE WORDING "IRRIGATION".
H. AIR VACUUM RELEASE VALVES ARE REQUIRED AT ALL HIGH POINTS LOCATED WITHIN THE NON-POTABLE SYSTEM.
I. ALL BENDS, TEES, PLUGS, DEAD-ENDS, WET TAPS, AND BLOWOFF ASSEMBLIES SHALL BE DESIGNATED AND CONSTRUCTED WITH CONCRETE THRUST BLOCKS.

SANITARY SEWERS AND STORM DRAIN NOTES

- A. ALL PIPES SHALL BE LAID ACCURATELY ACCORDING TO THE LINES AND GRADES SHOWN ON THE PLANS.
B. CUT SHEETS SHALL BE PREPARED UNDER THE DIRECTION OF AND SIGNED BY A REGISTERED ENGINEER OR LICENSED LAND SURVEYOR.
C. PIPE ENDS AND FITTINGS SHALL BE CLEAN AND FREE FROM SAND OR DIRT WHEN THE JOINTS ARE MADE.
D. TRENCH BACKFILLING SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
E. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SHEETING, SHORING, AND Dewatering.
F. ALL SANITARY PIPE SHALL BE POLYVINYL CHLORIDE (PVC), SDR26, PIPE DELIVERED TO THE JOB SITE IS TO BE MARKED AS TO PIPE TYPE, STRENGTH CLASS, AND BRAND NAME.
G. CONSTRUCTION OF MANHOLES SHALL INCLUDE FURNISHING FRAME AND COVER AND SETTING TO FINAL GRADE WHERE LOCATED IN PAVED AREAS.
H. EACH JOINT SHALL BE INSPECTED BY THE DISTRICT INSPECTOR PRIOR TO BACKFILL.
I. TELEVISION INSPECTION: UPON COMPLETION OF THE IMPROVEMENTS AND AFTER CLEANING ALL NEW MAIN AND LATERAL LINES, THE MAIN SHALL BE VISUALLY INSPECTED BY MEANS OF A CLOSED-CIRCUIT TELEVISION.
J. VIDEO RECORDINGS SHALL BE MADE OF THE TELEVISION INSPECTIONS BY THE CONTRACTOR AND TWO DISC COPIES SHALL BE SUPPLIED TO THE DISTRICT.
K. LIGHTING, CAMERA QUALITY, AND ALL OTHER NECESSARY EQUIPMENT TO PERFORM THE TELEVISION INSPECTION SHALL BE SUITABLE TO A CLEAR, IN-FOCUS PICTURE OF THE ENTIRE INSIDE PERIPHERY OF THE SEWER PIPE.
L. PIPES CONNECTING TO EXISTING STRUCTURES SHALL BE GROUDED SMOOTH FLUSH WITH THE EXISTING INTERIOR STRUCTURE WALL.
M. ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORTS PREPARED BY CORNERSTONE EARTH GROUP.
N. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
O. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING GRADING OPERATIONS AND SHALL PERFORM SUCH TESTING AS DEEMED NECESSARY.
P. THE PRESENCE OF THE GEOTECHNICAL ENGINEER'S FIELD REPRESENTATIVE AT THE SITE IS TO PROVIDE THE DISTRICT A CONTINUING SOURCE OF PROFESSIONAL ADVICE, OPINIONS AND RECOMMENDATIONS BASED UPON THE FIELD REPRESENTATIVE'S OBSERVATIONS OF THE CONTRACTOR'S WORK.
Q. CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS, AND DIMENSIONS AS SET FORTH ON THESE PLANS.
R. WHEREVER, IN THE OPINION OF THE GEOTECHNICAL ENGINEER, AN UNSTABLE GRADING CONDITION IS BEING CREATED, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE CONDITION BEFORE PROCEEDING WITH OTHER WORK.
S. ALL AREAS TO BE GRADED SHALL FIRST BE STRIPPED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL REPORT AND THE GEOTECHNICAL ENGINEER.
T. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO THE START OF CONSTRUCTION.
U. TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE COMPLETELY IN PLACE PRIOR TO OCTOBER 15TH, AND SHALL BE DILIGENTLY MAINTAINED TO ENSURE EFFECTIVENESS THROUGH APRIL 15TH.

GRADING AND PAVING NOTES

- 1. ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORTS PREPARED BY CORNERSTONE EARTH GROUP.
2. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
3. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING GRADING OPERATIONS AND SHALL PERFORM SUCH TESTING AS DEEMED NECESSARY.
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6. WHEREVER, IN THE OPINION OF THE GEOTECHNICAL ENGINEER, AN UNSTABLE GRADING CONDITION IS BEING CREATED, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE CONDITION BEFORE PROCEEDING WITH OTHER WORK.
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SIGNING AND STRIPING NOTES

- 1. ALL PAINTED STRIPES AND MARKINGS SHALL CONFORM TO PROJECT SPECIFICATION SECTION 32 1723 "PAVEMENT MARKINGS"

SURVEYOR'S STATEMENT

- 1. THIS MAP REPRESENTS A PARTIAL TOPOGRAPHIC SURVEY ONLY. TOPOGRAPHIC SURVEY IS OF ITEMS REQUESTED ONLY.
2. THE TOPOGRAPHIC INFORMATION SHOWN HEREON WAS COMPILED FROM A FIELD SURVEY PERFORMED BETWEEN APRIL 2008 AND JUNE 2008.
3. ALL MEASUREMENTS SHOWN HEREON ARE IN FEET AND DECIMAL FEET UNLESS OTHERWISE SHOWN.
4. THE METHOD USED FOR UNDERGROUND FIRE-LINES WHEN ENTERING BUILDINGS UNDER CONCRETE FOUNDATIONS SHALL HAVE THE STRUCTURAL ENGINEER'S RECORD APPROVAL.
5. PVC PIPING MAY BE INSTALLED TO 5 FEET OUTSIDE THE FOUNDATION OF ANY BUILDING OR STRUCTURE OR PARTS THEREOF.
6. THE DEPTH OF COVERAGE OVER WATER PIPE SHALL NOT BE LESS THAN 2.5 FEET TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FEET UNDER DRIVEWAYS.

RECORD DRAWINGS

- 1. CONTRACTOR SHALL KEEP ACCURATE RECORD DRAWINGS WHICH SHOW THE FINAL LOCATION, ELEVATION, AND DESCRIPTION OF ALL WORK.
2. THE TOPOGRAPHIC INFORMATION SHOWN HEREON WAS COMPILED FROM A FIELD SURVEY PERFORMED BETWEEN APRIL 2008 AND JUNE 2008.
3. ALL MEASUREMENTS SHOWN HEREON ARE IN FEET AND DECIMAL FEET UNLESS OTHERWISE SHOWN.
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5. PVC PIPING MAY BE INSTALLED TO 5 FEET OUTSIDE THE FOUNDATION OF ANY BUILDING OR STRUCTURE OR PARTS THEREOF.

STATEMENT OF RESPONSIBILITY

THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. BKF ENGINEERS HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED HEREIN AS A RESULT. BKF ENGINEERS DOES NOT ASSUME ANY RESPONSIBILITY FOR THE FIELD MODIFICATIONS TO THE PLANS.

UNAUTHORIZED CHANGES AND USES

- 1. THE CONSULTING ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
2. NO FIELD CHANGES SHALL BE MADE WITHOUT PRIOR AUTHORIZATION FROM THE DISTRICT AND CONSULTING ENGINEER.

SEDIMENTATION AND POLLUTION CONTROL

- 1. CONTRACTOR SHALL IMPLEMENT ALL SEDIMENTATION AND POLLUTION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLANS AND DETAILS INCLUDED IN THESE IMPROVEMENT PLANS.
2. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGE.
3. CONTRACTOR SHALL COORDINATE WITH THE DISTRICT ON THE SCHEDULING OF DUST CONTROL METHODS.
4. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) THAT WILL BE PREPARED BY BKF CONSULTING ENGINEERS.
5. ALL TRUCKS TRANSPORTING FILL MATERIAL SHALL BE COVERED OR PROTECTED IN SUCH A WAY AS TO PREVENT SLOUGHING AND/OR SPILLAGE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL REQUIRED IN THE PROJECT SPECIFICATIONS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OFF-SITE DAMAGE RESULTING FROM THE LACK OF DUST CONTROL AND SHALL PROVIDE MITIGATION MEASURES, AT HIS SOLE EXPENSE, AS DIRECTED BY THE DISTRICT.

FIRE PROTECTION

- 1. ANY COMBUSTIBLE VEGETATION THAT IS CLEARED SHALL BE REMOVED FROM THE SITE WITHIN 72 HOURS TO ELIMINATE ANY FIRE HAZARDS UNLESS OTHERWISE ALLOWED IN WRITING BY THE CITY OF SAN MATEO FIRE DEPARTMENT

PROJECT BENCHMARK

- 1. THE ELEVATIONS IN THIS TOPOGRAPHIC SURVEY ARE BASED ON THE LOCAL CONTROL POINT NUMBER 110 PROVIDED TO BKF ENGINEERS BY SANDIS AS POINT NUMBER 10. ELEVATION USED =+85.52'

REFERENCE DOCUMENTS

- 1. GEOTECHNICAL INVESTIGATION AND GEOLOGIC EVALUATION COLLEGE OF SAN MATEO BUILDING 10N MODERNIZATION BY CORNERSTONE EARTH GROUP, DATED MARCH 28, 2008
2. GEOTECHNICAL INVESTIGATION AND GEOLOGIC EVALUATION COLLEGE OF SAN MATEO BUILDING 5N MODERNIZATION BY CORNERSTONE EARTH GROUP, DATED FEBRUARY 1, 2008
3. PRELIMINARY GEOTECHNICAL INVESTIGATION IMPROVEMENTS AT COLLEGE OF SAN MATEO BY TRC, DATED APRIL 6, 2007.

FIRE SERVICE NOTES

- 1. ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY.
2. ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION-RETARDING MATERIAL AFTER INSULATION.
3. AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER FASTENING DEVICES, EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION RETARDING MATERIAL.
4. THRUST BLOCKS SHALL BE A CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONE HALF PARTS SAND, AND FIVE PARTS STONE.
5. UNDERGROUND MAINS SHALL BE COMPLETELY FINISHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF INSTALLATION.
6. ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE TESTED HYDROSTATICALLY AT NOT LESS THAN 200-PSI PRESSURE FOR A MAXIMUM OF TWO HOURS.
7. THE AMOUNT OF LEAKAGE IN BURIED PIPING SHALL BE MEASURED AT THE SPECIFIED TEST PRESSURE BY PUMPING FROM A CALIBRATED CONTAINER.
8. THE DEPTH OF COVERAGE OVER WATER PIPE SHALL NOT BE LESS THAN 2.5 FEET TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FEET UNDER DRIVEWAYS.
9. THE METHOD USED FOR UNDERGROUND FIRE-LINES WHEN ENTERING BUILDINGS UNDER CONCRETE FOUNDATIONS SHALL HAVE THE STRUCTURAL ENGINEER'S RECORD APPROVAL.
10. PVC PIPING MAY BE INSTALLED TO 5 FEET OUTSIDE THE FOUNDATION OF ANY BUILDING OR STRUCTURE OR PARTS THEREOF.

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BY: BKF ENGINEERS DATE: JUNE 2011

RECORD DRAWINGS

THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. BKF ENGINEERS HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED HEREIN AS A RESULT. BKF ENGINEERS DOES NOT ASSUME ANY RESPONSIBILITY FOR THE FIELD MODIFICATIONS TO THE PLANS.



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College of San Mateo
Site Package
San Mateo, CA
Developed for
San Mateo County Community College District

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Table with columns: Revision, Description, Date, Date Plotted. Includes entries for DSA SUBMITTAL, USA FINAL, PROJECT RECORD DRAWING, and dates from 09-APRIL-2009 to 09-JUNE-2011.

Table with columns: Job No., Date, Drawn by, Checked by, Scale. Values: 27082.30, 02-APRIL-2009, MD_JT, RH, NONE.

CIVIL NOTES
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