COLLEGE OF SAN MATEO SAN MATEO CALIFORNIA

GENERAL NOTES

- ALL UNDERGROUND UTILITIES SHALL BE COMPLETE BEFORE PLACING OF BASE ROCK UNLESS OTHERWISE NOTED.
- 2. THE CONTRACTOR SHALL CONFORM TO THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDINANCE PERTAINING TO EXCAVATIONS AND TRENCHES.
- 3. CONTRACTOR TO PROVIDE UNDERGROUND LOCATING SERVICE TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED. IT SHALL BE THE RESPONSIBILITIES OF THE CONTRACTOR TO IDENTIFY, LOCATE, AND PROTECT ALL UNDERGROUND FACILITIES. NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONFLICTING CONDITIONS BETWEEN EXISTING AND PROPOSED UTILITIES ARE DISCOVERED PRIOR TO CONSTRUCTION.
- 4. CONTRACTOR TO RESET ALL MANHOLE RIMS AND VALVE BOXES TO GRADE AFTER PLACING THE BASE AND IMMEDIATELY PRIOR TO THE LAST LIFT OF PAVING.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AMPLE COVER FOR THE PROTECTION OF ALL INSTALLED UTILITIES DURING THE CONSTRUCTION OF THE
- 6. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURRS GUTTERS SIDEWALKS GRADING FTC AND TO AVOID ANY ARRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS
- 7. UTILITIES AND UNDERGROUND FACILITIES INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH WITH THE APPROPRIATE AGENCIES. NEITHER THE UTILITY OWNER NOR THE CITY NOR THE ENGINEER ASSUMES RESPONSIBILITY THAT THE UTILITIES AND UNDERGROUND FACILITIES INDICATED WILL BE THE UTILITIES AND UNDERGROUND FACILITIES
- 8. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL NECESSARY UTILITY
- 9. ANY EXISTING UTILITY TO BE EXTENDED OR INTO WHICH PROPOSED UTILITIES ARE TO BE CONNECTED SHALL BE EXPOSED BY THE CONTRACTOR PRIOR TO THE STAKING OF THE EXTENSION OF SUCH UTILITIES. THE CONTRACTOR SHALL THEN MEASURE THE EXISTING LOCATION AND ELEVATION FOR POSSIBLE CONFLICTS OR OTHER INCONSISTENCIES WITH PLANS. IF THESE MEASUREMENTS REVEAL CONFLICTS OR OTHER INCONSISTENCIES WITH THE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND REQUEST DESIGN OR OTHER MODIFICATIONS TO RESOLVE THE CONFLICT OR INCONSISTENCIES.
- 10. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES INCLUDING DRAIN LINES AT CROSSINGS OF EXISTING AND PROPOSED UTILITIES AND PRIOR TO THE STAKING OF THE PROPOSED UTILITIES PRIOR TO ANY EXCAVATION FOR PROPOSED UTILITY INSTALLATION. CONTRACTOR SHALL MEASURE THE ELEVATION OF THE EXISTING UTILITIES AND CHECK FOR CONFLICTS WITH THE PROPOSED UTILITIES. IF A GRADE CONFLICT DOES OCCUR, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE FNGINFFR SHALL MAKE ANY GRADE ADJUSTMENT NECESSARY TO RESOLVE THI GRADE CONFLICT. NO ADJUSTMENT IN BID PRICES WILL BE ALLOWED AS A RESULT OF SUCH GRADE ADJUSTMENT
- 11. CONTRACTOR SHALL EXPOSE END OF EXISTING SEWER AND DRAIN PIPES OR STRUCTURES AND VERIFY LOCATION AND ELEVATION PRIOR TO PLACEMENT OF PIPE. IF A GRADE CONFLICT DOES OCCUR, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE ENGINEER SHALL MAKE ANY GRADE ADJUSTMENT NECESSARY TO RESOLVE THE GRADE CONFLICT. NO ADJUSTMENT IN BID PRICES WILL BE ALLOWED AS A RESULT OF SUCH GRADE ADJUSTMENTS. ALL COSTS OF SUCH EXCAVATION AND BACKFILL SHALL BE INCLUDED IN PRICE PAID FOR VARIOUS ITEMS OF WORK.
- 12. ANY EXISTING UTILITY STRUCTURE INCLUDING BUT NOT LIMITED TO VALVE BOXES; SEWER AND STORM MANHOLES AND INLETS, ELECTRICAL, WATER, GAS AND TELEPHONE BOXES AND VAULTS OCCURRING IN THE LOCATION OF PROPOSED. IMPROVEMENTS SHALL BE RESET TO THE PROPER GRADE. PAYMENT FOR SUCH RESETTINGS SHALL BE INCLUDED IN OTHER ITEMS OF WORK AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED THEREFORE.
- 13. GRADE BREAKS TO BE ROUNDED OFF IN CONCRETE FORM WORK AND FINISH
- 14. EXPORT SPOIL MATERIALS, IF ANY, RESULTING FROM THE GRADING OF THIS PROJECT SHALL BE DISPOSED OF PROPERLY, AND DISPOSED OF AT A LOCATION AND IN A MANNER APPROVED BY THE CITY ENGINEER.
- 15. A.C. SURFACE SHALL BE CUT TO A NEAT STRAIGHT LINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED AND RESEALED PRIOR TO PAVING.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL EXISTING SURVEY MONUMENTS AND ANY MONUMENTS OBLITERATED OR DAMAGED DURING CONSTRUCTION WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 17. THE CONTRACTOR SHALL REVIEW THE PLANS AND MAKE HIS OWN ASSESSMENT OF FARTHWORK BALANCE, EXCESS OR SHORTAGE. HE SHALL PREPARE HIS BID SO AS TO INCLUDE ANY EXCESS WHICH MAY OCCUR AND AS TO AVAILABLE SPOIL SITE IN THE EVENT OF AN EXCESS, AND AS TO AVAILABLE MATERIAL SOURCES IN THE EVENT OF A SHORTAGE. SHOULD THERE BE AN EXCESS OF MATERIAL, THE CONTRACTOR SHALL NOT DEPOSIT MATERIAL IN ANY NATURAL STREAMS, WETLANDS, VERNAL POOLS. OR WITHIN THE 100 YEAR FLOOD PLAIN. HIS BID SHALL INCLUDE ALL HAULING COSTS IF HAULING IS NECESSARY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO PROJECT EARTHWORK EXCESS OR SHORTAGE.
- 18. THE CONTRACTOR SHALL OBTAIN A COPY OF THE SOILS REPORT, FAMILIARIZE HIMSELF WITH ITS CONTENTS AND PERFORM THE EARTHWORK/TRENCHING/BACKFILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED THEREIN.
- 19. CONTRACTOR TO COORDINATE HIS WORK & P.O.C.'S WITH OTHERS (PLUMBING, LANDSCAPING, IRRIGATION, ELECTRICAL, ETC.)
- 20. IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE SURE ALL UNDERGROUND UTILITIES ARE KEPT CLEAR OF ANY FOUNDATION STRUCTURES/ELEMENTS.
- 21. IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR OR REPLACE ANY EXISTING IMPROVEMENTS OF UNDERGROUND FACILITIES, TREES, OR LANDSPAPE AREAS DAMAGED BY HIM, HIS SUBCONTRACTORS OR HIS MATERIAL SUPPLIERS.

ADA NOTES

- 1. ALL SITE WORK SHALL BE IN CONFORMANCE WITH TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND WITH THE AMERICANS DISABILITIES ACT, AND PROVISIONS OF THE CALIFORNIA BUILDING CODE AND REQUIREMENTS OF CHAPTER 11.
- 2. CURB RAMPS SHALL NOT EXCEED A SLOPE OF 1:12 (8.33%).
- 3. ENTRANCE RAMPS TO BUILDINGS SHALL NOT EXCEED A SLOPE OF 1:20 (5%) UNLESS RAILINGS ARE SHOWN ON ARCHITECTURAL PLANS, IN WHICH CASE THE SLOPE SHALL NOT EXCEED 1:12 (8.33%)
- 4. A 2% MAXIMUM SLOPE LANDING SHALL BE PROVIDED AT PRIMARY ENTRANCES TO BUILDINGS, THE LANDINGS SHALL HAVE A MINIMUM DEPTH OF 60" WHEN THE DOOR OPENS INTO THE BUILDING, AND 42" PLUS THE WIDTH OF THE DOOR WHEN THE DOOR OPENS ONTO THE LANDING.
- 5. RAMPS ARE DEFINED AS ANY WALKWAY BETWEEN SLOPES OF 1:20 (5%) AND 1:12 (8.33 %), AND SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%. RAMPS EXCEEDING 2'-6" VERTICAL SHALL HAVE INTERMEDIATE (2% MAXIMUM SLOPE) LANDINGS HAVING A MINIMUM LENGTH IN THE DIRECTION OF TRAVEL OF 60". BOTTOM LANDINGS AT CHANGES IN RAMP DIRECTION SHALL HAVE A MINIMUM LENGTH OF 72". ALL RAMPS SHALL HAVE HANDRAILS (SEE ARCHITECTURAL PLANS).
- 6. MAXIMUM CROSS SLOPE ON ANY SIDEWALK OR RAMP SHALL BE 2% MAXIMUM SLOPE WITHIN PARKING STALLS DESIGNATED AS ACCESSIBLE PARKING SHALL BE

NDFRGROUND FIRE SERVICE NO

- 1, NFPA 24 SEC. 7-2 ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY. FOR BURIED PIPE, GALVANIZING, INTERNALLY OR EXTERNALLY, DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.
- 2. NFPA 24 SEC. 8-5.2 ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION—RETARDING MATERIAL AFTER INSTALLATION.
- 3. NFPA 24 SEC. 8-6.2.8 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES, EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.
- 4. NFPA 24 SEC. 8-6.2 THRUST BLOCKS SHALL BE OF A CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONE-HALF PARTS SAND, AND FIVE PARTS STONE. THRUST BLOCKS SHALL BE PLACED BETWEEN UNDISTURBED EARTH AND THE FITTING TO BE RESTRAINED, AND SHALL BE OF SUCH BEARING AS TO ENSURE ADEQUATE RESISTANCE TO THE THRUST TO BE ENCOUNTERED. IN GENERAL, THRUST BLOCKS SHALL BE SO PLACED THAT THE JOINTS WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR.
- 5. NFPA 24 SEC. 8-2.1 UNDERGROUND MAINS SHALL BE COMPLETELY FLUSHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF THE INSTALLATION PER TABLE 9-1.1 TO PRODUCE A VELOCITY OF 10 FT. PER SECOND IN PIPES. (WITNESSED BY THE INSPECTOR OF RECORD). LOCAL FIRE JURISDICTION SHALL BE NOTIFIED OF DATE AND TIME OF TESTING OR THEY MAY OBSERVE TESTING WHEN DESIRED.
- 6. NFPA 24 (1995) SEC. 8-9.3.1 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHÀLL BE TESTED HYDROSTATICALLY AT NOT LESS THAN 200-PSI PRESSURE FOR A MINIMUM OF TWO HOURS. (WITNESSED BY THE INSPECTOR OF RECORD). LOCAL FIRE JURISDICTION SHALL BE NOTIFIED OF DATE AND TIME OF TESTING AND SHALL OBSERVE AND/OR ASSIST INSPECTOR OF RECORD WHENEVER POSSIBLE.
- 7. THE AMOUNT OF LEAKAGE IN BURIED PIPING SHALL BE MEASURED AT THE SPECIFIED TEST PRESSURE BY PUMPING FROM A CALIBRATED CONTAINER. FOR NEW PIPE, THE AMOUNT OF LEAKAGE AT THE JOINTS SHALL NOT EXCEED TWO QUARTS PER HOUR PER 100 GASKETS OR JOINTS IRRESPECTIVE OF PIPE DIAMETER. NO VISIBLE LEAKAGE SHALL BE ALLOWED IN ABOVE GROUND PIPING. (ALSO SEE SEC. 9-2.3.3 FOR ALLOWABLE LEAKAGE).
- 8. HYDROSTATIC TEST SHOULD BE MADE BEFORE THE JOINTS ARE COVERED SO THAT
- 9. NFPA 24 SEC 9.2.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTOR'S MATERIAL AND TEST CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE A-9.2.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (OR) WHO WILL TURN-IN FOR DSA RECORDS.
- 10. NFPA 24 SEC. 8—1 THE DEPTH OF COVER OVER ALL WATER SERVICE PIPES SHALL BE NOT LESS THAN 2 1/2 FT. TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FT. OVER FIRE ACCESS DRIVEWAYS.
- 11. NFPA 24 SEC. 8-3.1 PIPE SHALL NOT BE RUN UNDER BUILDINGS.

EARTHWORK FOR CONSTRUCTION NOTE

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE ALL MATERIAL AND LABOR REQUIRED WITHIN THE BID PRICE, FOR EARTHWORK CONSTRUCTION, TO CARRY OUT THE CUT/FILL AND/OR IMPORT/EXPORT AS NECESSARY TO MEET THE DESIGN GRADES SHOWN ON THE PLANS. CONTRACTOR IS TO DELIVER TO OWNER THE PROJECT IN A COMPLETE AND OPERATIONAL MANNER. EARTHWORK QUANTITIES SHOWN ON THE PLANS OR REPRESENTED BY THE ENGINEER ARE APPROXIMATE AND ARE FOR GRADING PERMIT APPROVAL ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ANY INVESTIGATION OR STUDIES THAT ARE REQUIRED BY THE CONTRACTOR TO SATISFY THIS REQUIREMENT. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR SAID CUT/FILL AND/OR IMPORT/EXPORT.

BOUNDARY AND TOPOGRAPHIC NOTES

TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON FIELD SURVEY PERFORMED BY SANDIS IN 2007 UNDER SUPERVISION OF LAURA CABRAL, LS #7756.

FIRE SYSTEM NOTES

THE CONTRACTOR SHALL DESIGN, PREPARE SHOP DRAWINGS FOR OBTAINING ALL REQUIRED APPROVALS, AND CONSTRUCT FIRE SYSTEM REQUIRED FOR THE PROPOSED PROJECT. CONTRACTOR SHALL HAVE SHOP DRAWINGS SIGNED AND STAMPED BY A FIRE PROTECTION ENGINEER AS REQUIRED BY THE APPROVING AGENCY.

IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

GEOTECHNICAL INFORMATION

- 1. THE CONTRACTOR, GRADING CONTRACTOR, AND ALL SUBCONTRACTORS SHALL BE AWARE OF REPORT OF GEOTECHNICAL ENGINEERING INVESTIGATION FOR THIS PROJECT PREPARED BY CORNERSTONE EARTH GROUP, DATED OCTOBER 12TH, 2007; NO WORK SHALL COMMENCE UNTIL THE CONTRACTOR AND ALL SUBCONTRACTORS HAVE OBTAINED A COPY OF THIS AND ALL SUBSEQUENT GEOTECHNICAL STUDIES.
- 3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THIS REFERENCED STUDY AND ALL SUBSEQUENT GEOTECHNICAL STUDIES, INVESTIGATIONS, TESTS AND OTHER DOCUMENTS PREPARED BY THE GEOTECHNICAL ENGINEER AND ALSO IN ACCORDANCE WITH THE GRADING INSTRUCTIONS HEREIN PREPARED BY SANDIS CIVIL ENGINEERS AND THE GRADING ORDINANCE OF SAN MATEO COUNTY.
- 4. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED WITHIN 48 HOURS PRIOR TO COMMENCING WORK. ALL GEOTECHNICAL WORK TO BE PERFORMED UNDER OBSERVATION OF GEOTECHNICAL ENGINEER.
- 5. THE GEOTECHNICAL ENGINEER WILL REVIEW THE FOUNDATION PLAN AND APPROPRIATE STRUCTURAL DESIGN DETAILS AND PROVIDE A LETTER STATING THAT THE FOUNDATION PLAN IS IN CONFORMANCE WITH THE GEOTECHNICAL REPORT PRIOR TO ISSUANCE OF A
- THE GEOTECHNICAL ENGINEER WILL REVIEW FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF FORMS OR REINFORCEMENTS. ALL FILLS WILL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER DURING THE GRADING AND PLACEMENT PROCESS. THE GEOTECHNICAL ENGINEER WILL PROVIDE A LETTER APPROVING ALL FOUNDATION PREPARATION, BACKFILL COMPACTION, ETC., PRIOR TO THE PLACEMENT OF ANY

THE TYPES, LOCATIONS, SIZES AND /OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, THE SURVEYOR CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THIS SURVEY.

IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SAN MATEO COUNTY CORONER IMMEDIATELY.

CONTRACTOR RESPONSIBILITY

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR

- 1. CIVIL ENGINEER OR SOILS ENGINEER TO REVIEW ALL GRADING AND SUBMIT A FINAL REPORT TO THE COUNTY PRIOR TO OCCUPANCY.
- 2. CONTACT PUBLIC WORKS, (650) 757-8888, FOR DRAINAGE AND FINAL GRADE INSPECTION, WHICH INCLUDES DRAIN LINES AND ROOF DRAINS / DOWN
- 3. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND INSURING THE AREA ADJACENT TO THE WORK IS LEFT IN A CLEAN CONDITION.
- 4. THE CONTRACTOR SHALL REVIEW CITY STD. SPECIFICATIONS ON TREE PROTECTION PRIOR TO ACCOMPLISHING ANY WORK OR REMOVING ANY TREES.
- ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY CORNERSTONE EARTH, DATED
- 6. ALL STORM LINE INSTALLATION WITH SLOPE LESS THAN 2% SHALL BE CERTIFIED BY A CIVIL ENGINEER.
- 7. ALL ON—SITE SANITARY SEWER LINES AND LATERALS SHALL BE SUBJECT TO BUILDING DEPARTMENT APPROVAL PRIOR TO INSTALLATION.
- 8. UTILIZE BEST MANAGEMENT PRACTICES (BMP'S), AS REQUIRED BY THE STATE WATER RESOURCES CONTROL, BOARD, FOR ANY ACTIVITY, WHICH DISTURBS
- 9. A WORK SCHEDULE OF GRADING AND EROSION AND SEDIMENT CONTROL PLAN SHALL BE PROVIDED TO THE CITY ENGINEER BY AUGUST 15. NO HILLSIDE GRADING SHALL BE PERFORMED BETWEEN OCTOBER 1 TO APRIL 15.

ABBREVIATIONS

<u>PROPOSED</u>

_ _ _ _ _ _ _

EXISTING

PVC SLEEVE (SIZE AS NOTED)

MONITORING WELL (GAS PROBES)

PROPERTY LINE

EASEMENT LINE

SPOT ELEVATION

WATER VALVE

FIRE HYDRANT

ACCESSIBLE RAMP

CONCRETE THRUST BLOCK

SANITARY SEWER MANHOLE

SANITARY SEWER CLEANOUT

STORM DRAIN JUNCTION BOX

STORM DRAIN CLEANOUT

STORM DRAIN MANHOLE

AREA DRAIN (N.T.S.)

RAINWATER LEADER

POST INDICATOR VALVE

FIRE DEPT. CONNECTION (FDC)

ELECTROLIER

MONUMENT

WATER METER □ WM

SIGN

DIRECTION OF SLOPE

AGGREGATE BASE ASPHALTIC CONCRETE AREA DRAIN
AGGREGATE SUBBASE
AUTOMATIC SPRINKLER RISERS
BEGINNING OF CURVE SLIND FLANGED BOLTED ON BACK OF WALK CONCRETE ELEVATION RB AND GUTTER

TER LINE OR CLASS CORRUGATED METAL PIPE CITY OF CONCORD NSTRUCTION OR CONSTRUCT BLE DETECTOR CHECK VALVE E TRON PIPE

DOMESTIC WATER PARTMENT CONNECTION

PAVEMENT ELEVATION

PLAN AND PROFILE PORTLAND CEMENT CONCRETE

LYVINYL CHLORIDE PIPE

WALK
PE OR SOUTH
ARCHITECTURAL DRAWNGS
E LANDSCAPE DRAWNGS
EE PLUMBING DRAWINGS
EE ELECTRICAL DRAWINGS
SEDIMENT BASIN

FENCE OR SQUARE FEET MATEO COUNTY

STORM DRAIN AREA DRAIN

SANITARY SEWER CLEANOUT

UNLESS OTHERWISE NOTED VERTICAL CURVE

STORM DRAIN CLEANOUT

OF WAY ED PRESSURE PRINCIPAL ASSEMBLY

GARAGE FINISH FLOOR GATE VALVE INVERT ELEVATION

LANDSCAPE AREA DRAIN MAXIMUM BACK FLOW PREVENTER MINIMUM
MIDPOINT OF VERTICAL CURVE CONC. VALLEY GUTTER (VG) SAN JOSE MUNICIPAL WATER CONC. SIDEWALK OR PAD

•

EDGE OF A.C. PAVEMENT 6" VERTICAL CURB FLUSH CURB CENTER LINE

4" PVC RWL @ 2% (UON) WATER MAIN ——6"W———4"W———

SILT FENCE GAS MAIN ----- G-----_____ G ____

ELECTRIC AND SIGNAL DUCT BANK STREET LIGHT CONDUIT CONTOUR ELEVATION LINE --------- 85 ------PERFORATED PIPE ______PFRF_____ OVERLAND DRAINAGE RELEASE

> FLOW LINE TOP OF SWALE FLOWLINE BIOSWALE

INDEX OF SHEETS:

C-4.0 UTILITY PLAN

WATER METER WATER VALVE

C-1.0 COVER SHEET AND NOTES C-2.0 TOPOGRAPHIC SURVEY C-3.0 GRADING AND DRAINAGE PLAN

C-5.0 CONSTRUCTION DETAILS

RISER NOTE:

THE RISE/RUN/STEP COUNT IS FOR REFERENCE ONLY, THE CONTRACTOR SHALL VERIFY THIS WITH THE PRIME CONTRACTOR PRIOR TO ANY WORK.

BASIS OF ELEVATIONS FOR THIS SURVEY IS THE OVERALL CSM CAMPUS TOPOGRAPHIC SURVEY PREPARED BY SANDIS. TEMPORARY BENCHMARK LOCATED ALONG CSM DRIVE, NAIL AND A FLIGHT CROSS PAINT LABELED #10 WAS USED AS A LOCAL BENCHMARK. ELEVATION=585.52 FEET

TOP OF SWALE

BASIS OF BEARINGS

THE BEARING OF N29°30'44"E BETWEEN FOUND MONUMENTS ON THE NORTHWESTERLY LINE OF PARCEL 1 AS SHOWN ON "PARCEL MAP NO. 66", AS FILED IN BOOK 16 OF PARCEL MAPS, AT PAGE 50, SAN MATEO COUNTY RECORDS, WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged in connection with the performance of work on this project, excepting liability arising from sole negligence of design professional.



UNAUTHORIZED CHANGES AND USES CAUTION: 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 the plans.

Consulting Engineers

&Land Surveyors

architects

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MOUNTAIN VIEW ROSEVILLE OAKLAND

SMCCCD COLLEGE OF SAN MATEO

FINE ARTS COMPLEX BUILDINGS 2 & 4 **RENOVATIONS** INCREMENT 2

344 CSM DRIVE SAN MATEO, CA 94402

APPL. No. 01 - 109243

agency/approvals IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT

03.13.2008 PRICING SET 05.08.2008 DSA SUBMITTAL 10.14.2008 DSA BACK CHECK

10.26.2010 AS BUILT

COVER SHEET

2707.01 207302

sheet no.

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