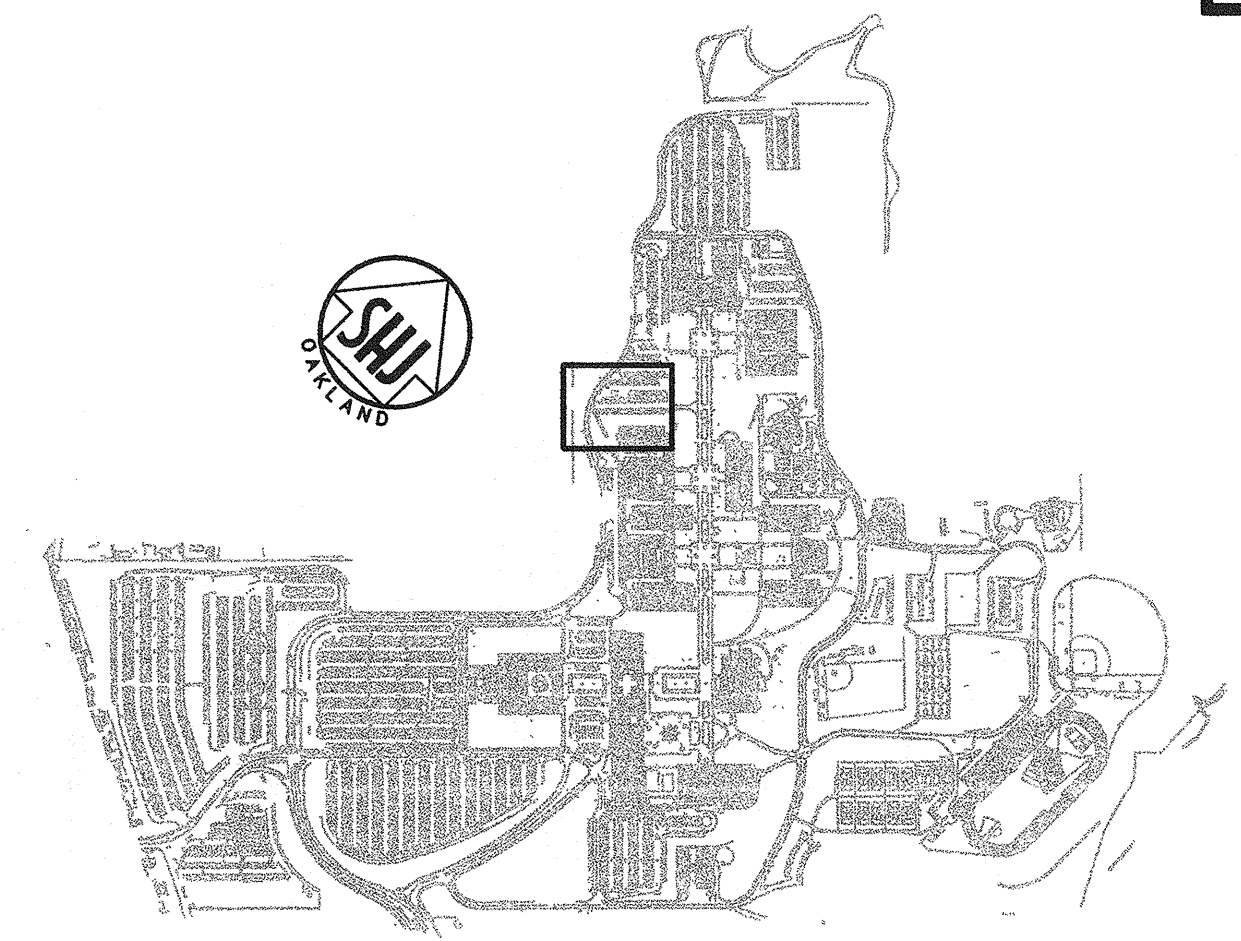


BUILDING 18 MODERNIZATION COLLEGE OF SAN MATEO SAN MATEO, CALIFORNIA

LEGEND

EXISTING	PROPOSED
SAWCUT AND CONFORM LINE	---
A.C. PAVEMENT	---
CONC. SIDEWALK OR PAD	---
6" CURB & GUTTER	---
EDGE OF A.C. PAVEMENT	---
6" VERTICAL CURB	---
STORM DRAIN MAIN	---
WATER MAIN	---
FIRE WATER MAIN	---
DOMESTIC WATER MAIN	---
CHAIN LINK FENCE	---
STREET LIGHT CONDUIT	---
CONTOUR ELEVATION LINE	---
SPOT ELEVATION	---
DIRECTION OF SLOPE	---
WATER METER	---
WATER VALVE	---
FIRE HYDRANT	---
SIGN	---
ACCESSIBLE CURB RAMP	---
STORM DRAIN MANHOLE	---
STORM DRAIN AREA DRAIN	---
STORM DRAIN CATCH BASIN	---
STORM DRAIN CURB INLET	---
ELECTROLIER	---
CONSTRUCTION DETAIL REFERENCE	---



KEY MAP
NOT TO SCALE

ADA NOTES

- ALL SITE WORK SHALL BE IN CONFORMANCE WITH TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND WITH THE AMERICANS WITH DISABILITIES ACT.
- CURB RAMPS SHALL NOT EXCEED A SLOPE OF 1:12 (8.33%).
- 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%).
- A 2% MAXIMUM SLOPE LANDING SHALL BE PROVIDED AT PRIMARY ENTRANCES TO BUILDINGS. THE LANDINGS SHALL HAVE A MINIMUM WIDTH OF 60" AND 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.
- RAMPS ARE DEFINED AS ANY WALKWAY BETWEEN SLOPES OF 1:20 (5%) AND 1:12 (8.33%), AND SHALL HAVE A MINIMUM WIDTH OF 48" AND A MAXIMUM CROSS-SLOPE OF 2%. RAMPS EXCEEDING 2-8" VERTICAL SHALL HAVE INTERMEDIATE (2% MAXIMUM SLOPE) LANDINGS HAVING A MINIMUM LENGTH IN THE DIRECTION OF TRAVEL OF 60". BOTTOM LANDINGS AND AT CHANGES IN RAMP DIRECTION SHALL HAVE A MINIMUM LENGTH OF 72".
- MAXIMUM SLOPE ON ANY SIDEWALK OR RAMP SHALL BE 2%. MAXIMUM SLOPE WITHIN PARKING STALLS DESIGNATED AS DISABLED PARKING SHALL BE 2% IN ANY DIRECTION.
- ALL SIDEWALK SHALL HAVE A 4' MINIMUM CLEAR WIDTH FOR ACCESSIBLE CONFORMANCE.

EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES AS REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADD AND MAINTAIN MEASURES THROUGHOUT THE LIFE OF THE PROJECT IN CONFORMANCE WITH THE CITY OF SAN MATEO, COUNTY OF SAN MATEO AND ASSOCIATION OF THE BAY AREA GOVERNMENTS' BEST MANAGEMENT PRACTICES.
- LOCATION OF CONSTRUCTION ENTRANCE / EXIT AND CONCRETE WASH-OUT BASIN TO BE DETERMINED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION.
- CONTRACTOR SHALL SWEEP ADJACENT ROADS, SIDEWALKS, AND PATHS DAILY TO REMOVE CONSTRUCTION DEBRIS AND DUST TO MAINTAIN A CLEAN CONDITION.

UTILITY NOTE

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 ENGINEER 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.

ABBREVIATIONS

AB	AGGREGATE BASE	HC	HANDICAP
AC	ASPHALTIC CONCRETE	HP	HIGH POINT
AD	AREA DRAIN	INV	INVERT ELEVATION
AS	AGGREGATE SUBBASE	JIP	JOINT POLE
BC	BEGINNING OF CURVE	LIP	LIP OF GUTTER
BFP	BACK FLOW PREVENTOR	MAX	MAXIMUM
BOW	BOTTOM OF WALK	MIN	MINIMUM
BVC	BEGIN VERTICAL CURVE	MN	MANHOLE
BY	CUBIC YARD	N	NORTH
CB	CATCH BASIN	NO	NUMBER
CDT	CALIFORNIA DEPARTMENT OF TRANSPORTATION	NTS	NOT TO SCALE
CI	CURB INLET	P	PAVEMENT ELEVATION
CL	CENTER LINE OR CLASS	PCC	PORTLAND CEMENT CONCRETE
CO	CLEANOUT	PIV	POST INDICATOR
CONC	CONCRETE	PL	PROPERTY LINE
CONST	CONSTRUCTION OR CONSTRUCT	R	RADIUS
DI	DROP INLET	RC	RELATIVE CORNER
DIP	DUCTILE IRON PIPE	R/W	RIGHT OF WAY
DW	DOMESTIC WATER	SW	SIDEWALK
DWG	DRAWING	SB	SLOPE OR WITH SEDIMENT SIGN
E	EAST	SD	STORM DRAIN
EC	END OF CURVE	SF	SILT FENCE
EP	EDGE OF PAVEMENT	SMH	SIGNAL MANHOLE
EPB	ELECTRICAL PULLBOX	SS	SANITARY SEWER
ELEV	ELEVATION	STA	STATION
EUC	EUCALYPTUS	STD	STANDARD
EX-EXIST	EXISTING	TP	TYPICAL
FC	FACE OF CURB	TC	TOP OF CURB
FDC	FIRE DEPARTMENT CONNECTION	TS	TOP OF SLAB
FF	FINISHED FLOOR	TOW	TOP OF WALL
FG	FINISHED GRADE	U/G	UNDERGROUND
FH	FIRE HYDRANT	UN	UNLESS OTHERWISE NOTED
FL	FLOW LINE	VC	VERTICAL CURVE
FOUND	FOUNDATION	W	WITH
FT	FOOT	WM	WATER METER
G	GROUND	WV	WATER VALVE
GB	GRADE BREAK	W	WEST
GV	GATE VALVE	WWF	WELDED WIRE FABRIC

GRADING NOTES:

- STRIP EXISTING LANDSCAPED AREAS MINIMUM 3 INCHES TO REMOVE ORGANIC MATERIAL AND TOP SOIL.
- OVEREXCAVATED AREAS SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES. BACKFILL TO AT LEAST 90% RELATIVE COMPACTION AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE OPTIMUM MOISTURE. FILL SHALL BE PLACED IN MAXIMUM 8-INCH THICK, UNCOMPACTED LIFTS.
- EXCAVATED MATERIAL CAN BE STOCKPILED FOR USE AS FILL, AS APPROVED BY THE GEOTECHNICAL ENGINEER. SEE EARTHWORK NOTE.
- SUBGRADE BENEATH FLATWORK SHALL BE SCARIFIED AT LEAST 6 INCHES FOR CONCRETE FLATWORK AND COMPACTED TO AT LEAST 90 PERCENT OF RELATIVE COMPACTION AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE OPTIMUM.
- BACKFILL IN THE UPPER 5 FEET OF UTILITY TRENCHES SHALL BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION. TRENCH BACKFILL DEEPER THAN 5 FEET SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.
- CUT SLOPES SHALL BE SLOPED NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL (2H:1V).
- ALL CUT AND FILL SLOPES SHALL BE PLANTED, WATERED, AND MAINTAINED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

EARTHWORK 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.

EARTHWORK QUANTITIES

CUT	= 1.85 CY
FILL	= 8.92 CY
IMPORT	= 7.02 CY
EXPORT	= 0.00 CY

SOILS REPORT:

PROJECT SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE GEOTECHNICAL INVESTIGATION FOR BUILDING 18, 25, AND 27 PREPARED BY LOWNEY ASSOCIATES, DATED AUGUST 15, 2000

BENCHMARK

THE BASIS OF ELEVATION FOR THIS SURVEY IS A NATIONAL GEODETIC SURVEY (N.G.S.) BENCHMARK, N.G.S. DESIGNATION AA110. FOUND DISK ON TOP OF A CONCRETE FLAG POLE BASE IN CENTRAL SAN MATEO CITY PARK. FLAG POLE IS APPROXIMATELY 160 YARDS SOUTHWEST OF THE T JUNCTION OF LAUREL AVENUE AND 7TH STREET. ELEVATION=35.46 FEET NGVD 29.

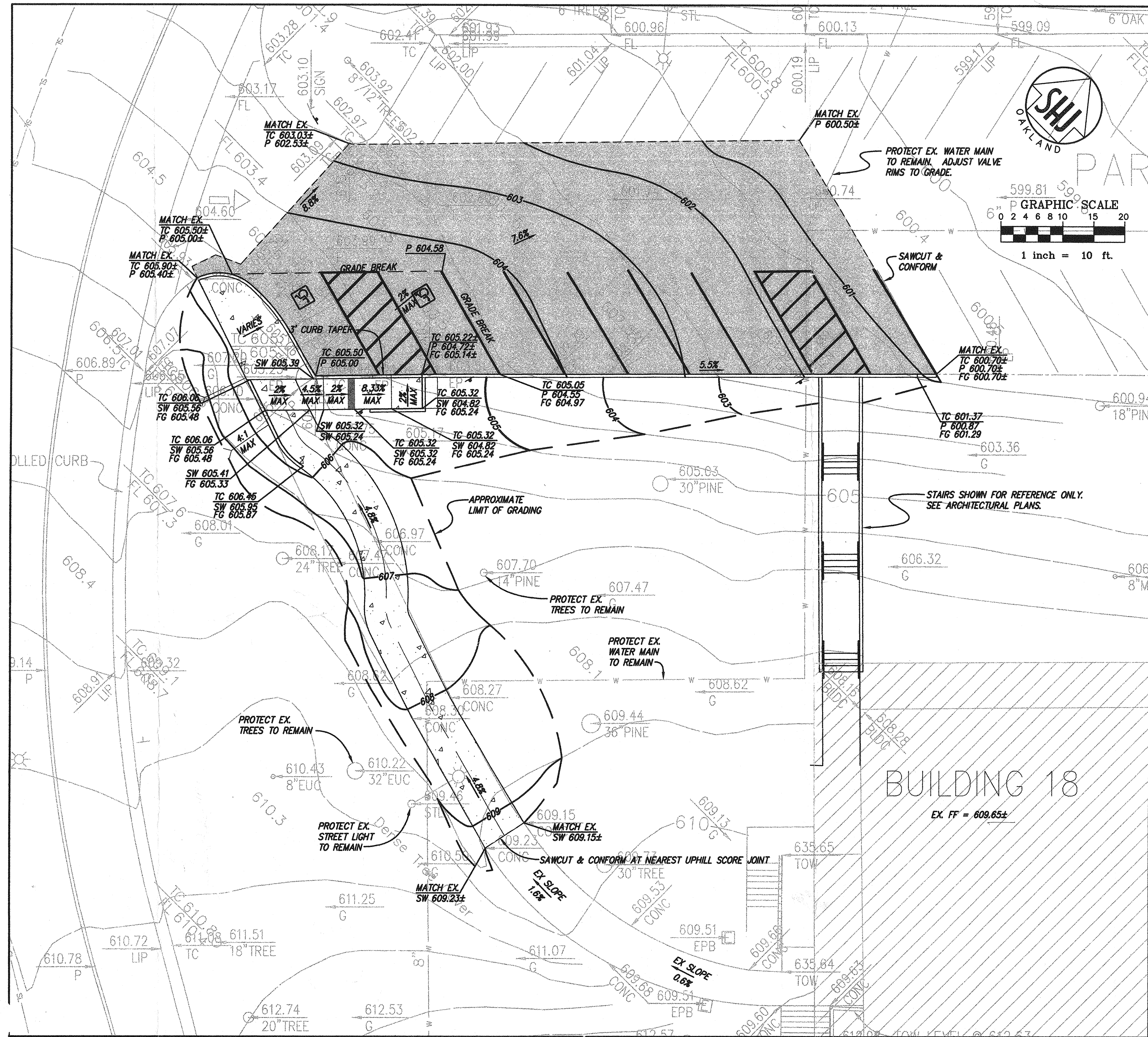
UNAUTHORIZED CHANGES AND USES

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.



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.

California Council
of **CE** Engineers
& Land Surveyors



SHEET INDEX

- C1.0 - CIVIL NOTES, LEGEND, ABBREVIATIONS, AND GRADING PLAN
- C2.0 - CIVIL CONSTRUCTION DETAIL AND SITE PLAN
- C3.0 - CIVIL CONSTRUCTION DETAILS
- C3.0 - CIVIL PARKING LOT & ADA PARKING PLAN

AS BUILT DRAWINGS

REVISION	DESCRIPTION	INITIAL	DATE
ADDENDUM A	ESC		5/4/04
ADDENDUM D	ESC		5/24/04
PARKING LOT 6	ESC		3/11/05

ISSUED FOR PROGRESS REVIEW	02/04/04
ISSUED FOR PLAN CHECK	03/03/04
ISSUED FOR PERMIT	
ISSUED FOR BID	
ISSUED FOR CONSTRUCTION	

SEAL:

CONSULTANT:
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PROJECT:
**BUILDING NO. 18
(NORTH HALL)
MODERNIZATION**

**COLLEGE OF SAN MATEO
1700 WEST HILLSDALE BLVD.
SAN MATEO, CA 94402**

**SAN MATEO CO. COMMUNITY
COLLEGE DISTRICT**

SHEET TITLE:
**CIVIL NOTES,
LEGEND,
ABBREVIATIONS,
AND GRADING PLAN**

PROJ. NO.	2002-066.02
PREPARATION AND REVIEW	
DRAWN BY	SEC
DESIGNER	JCL
PROJ. MGR.	ESC
PEER REVIEW	

SHEET NUMBER:
C1.0
NUMBER: OF: 4