

KEARNY MESA - DUNN BUSINESS PARK UNIT NO. 2

GENERAL NOTES

- NEITHER THE OWNER, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHOPPING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- ALL CONTOURS ARE 2' INTERVALS.
- ALL SLOPE BANKS ARE 2:1 UNLESS OTHERWISE NOTED.

UNDERGROUND FACILITIES

- PRECISE LOCATION AND ELEVATIONS ARE NOT KNOWN FOR THE EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL MAKE SUFFICIENT EXPLORATIONS TO LOCATE EXISTING UTILITIES BEFORE COMMENCING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF WORK OF ANY POTENTIAL CONFLICTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS.
- CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS & ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
- CONTRACTOR SHALL NOTIFY THE PACIFIC TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
- BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. CONTRACTOR SHALL TELEPHONE FOR:
SAN DIEGO GAS & ELECTRIC CO. 235-6323
PACIFIC TELEPHONE COMPANY 298-3595

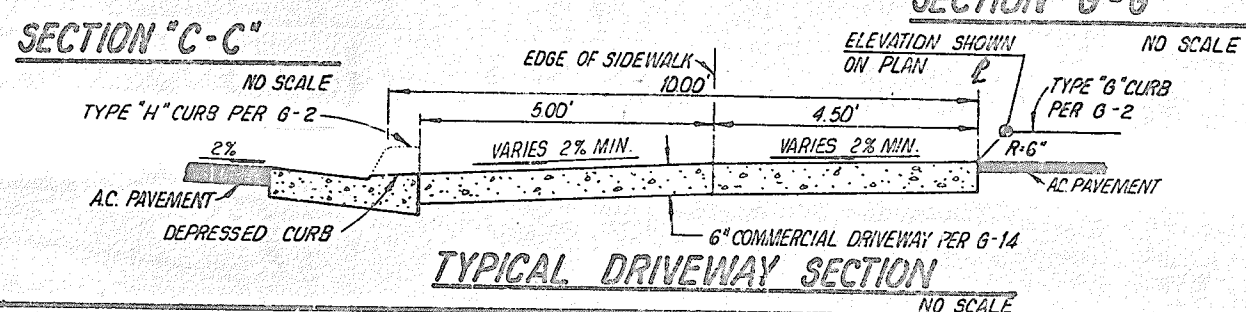
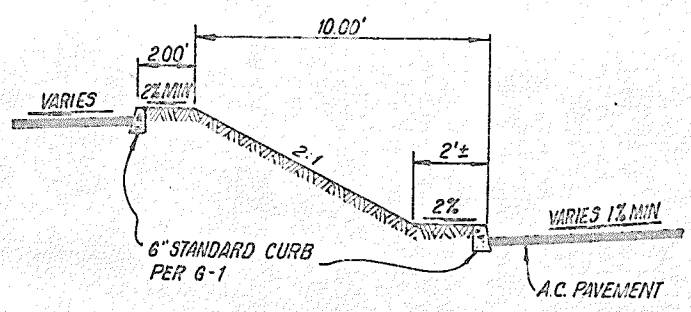
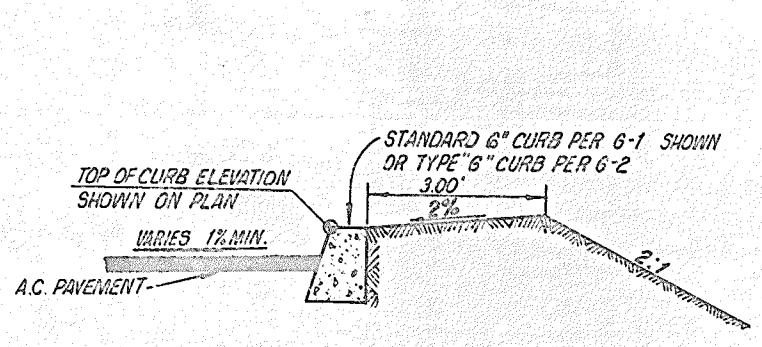
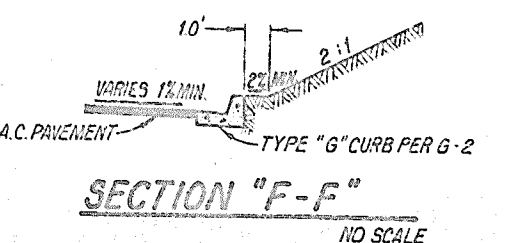
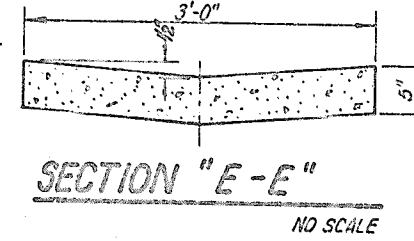
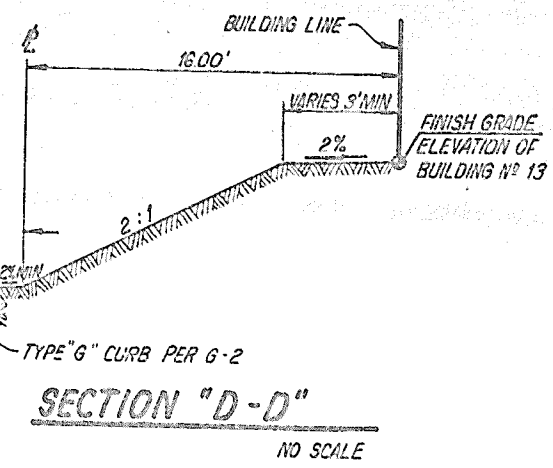
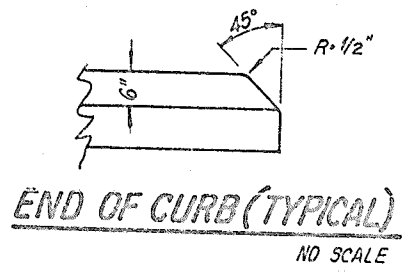
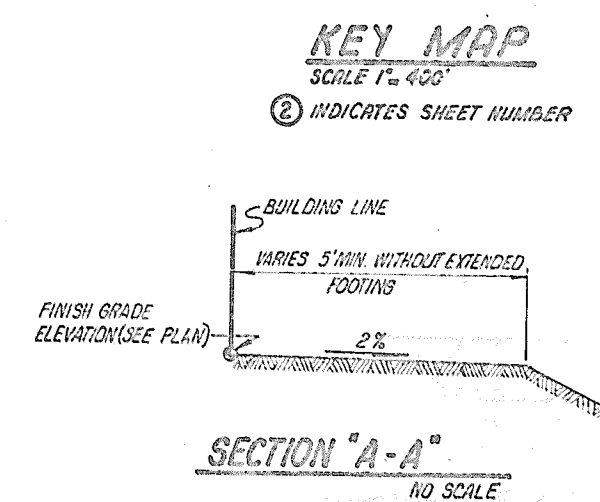
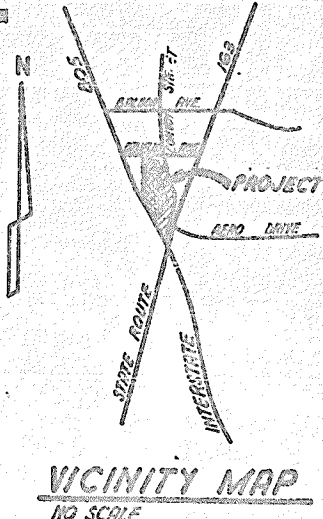
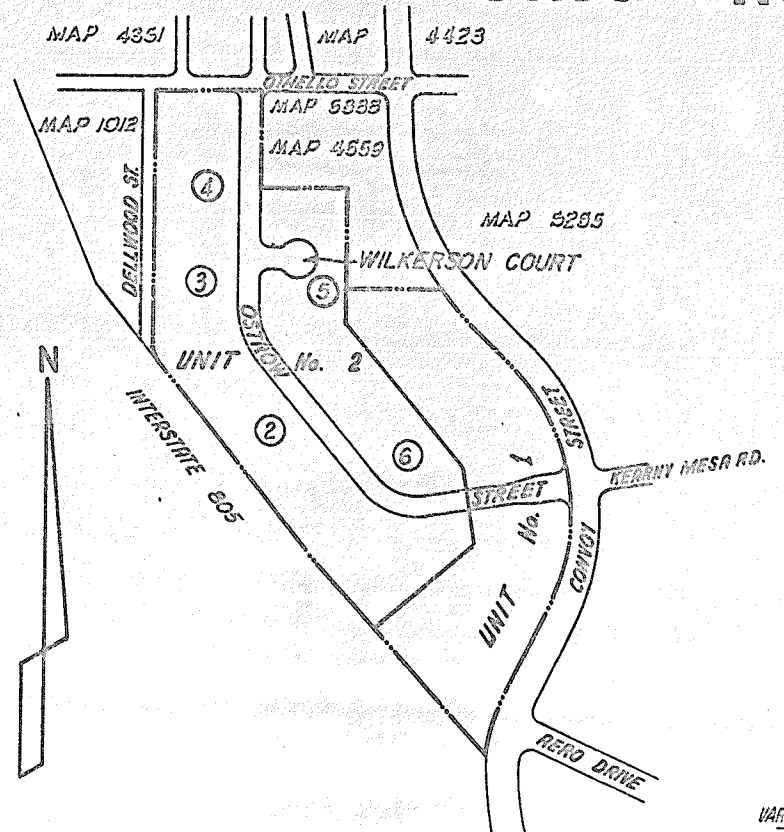
SITE GRADING SPECIFICATIONS

- ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED SOILS ENGINEER. ALL AREAS TO BE FILLED SHALL BE PREPARED TO BE FILLED AND FILL SHALL BE PLACED IN ACCORDANCE WITH THE "FOUNDATION SOILS INVESTIGATION" FOR KEARNY MESA/DUNN BUSINESS PARK, JOB NO. 77-156-1, DATED MAY 11, 1977, AND PREPARED BY REILANDER & ASSOCIATES. THIS REPORT AND ALL SUBSEQUENT ADDENDUMS SHOULD BE REVIEWED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS. A SOILS ENGINEER SHALL BE THE OWNER'S REPRESENTATIVE TO INSPECT THE CONSTRUCTION OF FILL, EXCAVATION AND THE PLACEMENT OF FILL SHALL BE UNDER THE DIRECT INSPECTION OF THE SOILS ENGINEER, AND HE SHALL GIVE WRITTEN NOTICE OF CONFORMANCE WITH THE SPECIFICATIONS UPON COMPLETION OF GRADING. DEVIATIONS FROM THESE SPECIFICATIONS WILL BE PERMITTED ONLY UPON WRITTEN AUTHORIZATION FROM THE SOILS ENGINEER.
- OBSERVATIONS AND COMPACTION TESTS SHALL BE MADE BY THE SOILS ENGINEER DURING THE FILLING AND COMPACTING OPERATIONS SO THAT HE CAN STATE HIS OPINION THAT THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
- DURING CONSTRUCTION: THE CONTRACTOR SHALL PROPERLY GRADE ALL EXCAVATED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. HE SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES ON THE FINISHED WORK ON THE SITE. THE CONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED. AFTER COMPLETION: AFTER GRADING IS COMPLETED AND THE SOILS ENGINEER HAS FINISHED HIS OBSERVATIONS OF THE WORK, NO FURTHER EXCAVATION OR FILLING SHALL BE DONE EXCEPT UNDER THE OBSERVATION OF THE SOILS ENGINEER.
- CUT AND FILL SLOPES SHALL BE CUT AND TRIMMED TO THE FINISH GRADE TO PRODUCE SMOOTH SURFACES AND UNIFORM CROSS SECTIONS. THE SLOPES OF EXCAVATIONS AND EMBANKMENTS SHALL BE SHARP, PLANTED AND TRIMMED AS DIRECTED BY THE ENGINEER OF WORK AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROCKS, OR OTHER WASTE MATTER EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES WHICH ARE LIABLE TO BECOME LOOSE SHOULD BE REMOVED AND DISPOSED OF.
- UTILITY TRENCHES ARE ADJACENT TO FUTURE BUILDING SITES. SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH CERTIFY THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
- ALL TREES, BRUSH, GRASS, AND OTHER OBJECTIONABLE MATERIAL WITHIN THE AREA TO BE GRADED SHALL BE COLLECTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR, SO AS TO LEAVE THE AREAS THAT HAVE BEEN CLEARED WITH A NEAT AND FINISHED APPEARANCE FREE FROM UNSIGHTLY DEBRIS. BRUSH SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED.
- THE ELEVATIONS SHOWN ON THE PLANS REPRESENT THE FINISH SURFACE ELEVATIONS OF ROADS, PAVEMENTS, WALKS, AND LANDSCAPED AREAS. THE CONTRACTOR SHALL MAKE ALLOWANCES FOR THE THICKNESS OF PAVING MATERIALS, FLATWORK, AND TOPSOIL.
- GRADING SHALL BE DONE WITHIN A TOLERANCE OF ± 0.1' OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5% OF THE LOCATION SHOWN ON THE PLANS. IN NO WAY DO THE ABOVE TOLERANCES RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PROVIDING A FINISH SURFACE THAT WILL NOT FLOOD.
- ALL RAVINES, GULLIES, AND WASHES HAVING ALLUVIAL MATERIAL SHALL BE CLEANED AND RECOMPACTED AT THE DIRECTION OF THE SOILS ENGINEER.
- ALL AREAS TO RECEIVE FILL SHALL BE RIPPED AND RECOMPACTED TO A DEPTH OF 1.0 FEET, PRIOR TO PLACING FILL.
- ALL TRANSITION PADS SHALL BE UNDERCUT TO A DEPTH OF 1.5 FEET, OR TO A DEPTH ADEQUATE TO MINIMIZE DIFFERENTIAL SETTLEMENT TO WITHIN REASONABLE TOLERANCE.
- CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 1-1/2:1, H/V. ALL NATURAL SLOPES, STEEPER THAN 3:1 SHALL BE KEYED AND BENCHED AT THE DIRECTION OF THE SOILS ENGINEER.
- THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM: D-1557-70.
- ALL REWORKED AND FILL MATERIAL SHALL BE PLACED AT OR ABOVE OPTIMUM MOISTURE, AND COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY.
- ALL IMPORTED SOILS OR BORROW PIT MATERIAL SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO IMPORTING OR PLACING.
- ALL UTILITY TRENCHES SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY OR BACKFILLED WITH A CLEAN SAND WITH A SAND EQUIVALENT IN EXCESS OF 30. THE SAND WITH AN S.E. OF 30 MAY BE FLOODED OR JETTED FOR COMPACTION.
- RETAINING WALLS REQUIRE A SEPARATE BUILDING PERMIT AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS APPROVED PER BUILDING INSPECTION DEPARTMENT. RETAINING WALLS SHOWN ON THIS GRADING PLAN HAVE TO BE STRUCTURALLY CHECKED BY BUILDING INSPECTION. A SEPARATE BUILDING PERMIT AND INSPECTION WILL BE REQUIRED FROM BUILDING INSPECTION DEPARTMENT TO CONSTRUCT THESE WALLS.

SOILS ENGINEER'S CERTIFICATE

THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN OUR SOILS REPORT FOR THIS SUBDIVISION AS JOB NO. 77-156-1, DATED MAY 11, 1977, AND ALL SUBSEQUENT ADDENDUMS.

BY: Daniel W. Reifer R.C.E. 24234 DATED: 8/30/77
REILANDER & ASSOCIATES



WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE FOLLOWING SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO:
 1) GREEN BOOK STANDARD SPECIFICATIONS (1976 EDITION), DOCUMENT NO. 795163, FILED MAY 10, 1976
 2) CITY OF SAN DIEGO STANDARD SPECIAL PROVISIONS, DOCUMENT NO. 758403, FILED FEBRUARY 25, 1977
 STANDARD DRAWINGS 1) CITY OF SAN DIEGO STANDARD DRAWINGS (1977 ED.), DOCUMENT NO. 758672, FILED MARCH 21, 1977
 2) () DENOTES CITY OF SAN DIEGO STANDARD DRAWING PER DOCUMENT NO. 735691, FILED APRIL 26, 1971

STORM DRAIN	----- D-60	
CURB OUTLET, TYPE "A"	----- D-25	
CURB OUTLET	----- SEE DETAIL SHEET NO. 8	
INLET	----- SEE DETAIL SHEET NO. 8	
STORM DRAIN CLEANOUT	----- SEE DETAIL SHEET NO. 8	
TYPE "G" CURB	----- G-2	
STANDARD 6" CURB	----- G-1	
REDWOOD HEADER	----- SEE DETAIL THIS SHEET	
3' WIDE P.C.C. DITCH	----- SEE DETAIL THIS SHEET	
CONCRETE SIDEWALK	----- G-7	
CONCRETE DRIVEWAY	----- G-14	
A.C. PAVEMENT	-----	
6" AC BERM TYPE "A"	----- B-5	
STRIPING	----- SEE DETAIL SHEET NO. 8	
PEDESTRIAN RAMP	----- SEE DETAIL SHEET NO. 2	

LEGEND

LOT LINE	-----	FINISH CONTOUR	
CUT BANK	-----	TOP OF PAVEMENT ELEVATION	
FILL BANK	-----	TOP OF CURB ELEVATION	
BUILDING LINE	-----	FLOW LINE ELEVATION	
EXTENDED BUILDING FOOTING	-----	GROUND ELEVATION	
SCALE	-----	TOP OF WALL ELEVATION	
GRADE BREAK LINE	-----	TOP OF STEPS ELEVATION	
FINISH FLOOR ELEVATION	-----	TOP OF FOOTING ELEVATION	
FINISH GRADE ELEVATION	-----	BOTTOM OF STEPS ELEVATION	
RETAINING WALL (NOT A PART)	----- SEE S-2, ARCH. PLANS		
STEPS (NOT A PART)	----- SEE S-4, ARCH. PLANS		
TRASH ENCLOSURE (NOT A PART)	----- SEE A-2, ARCH. PLANS		
DOCK SHIP (NOT A PART)	----- SEE S-2, ARCH. PLANS		
HANDICAPPED PARKING STALL	-----		

SITE DEVELOPMENT

GRADING AS SHOWN ON THESE PLANS AND IN CONFORMANCE WITH CITY STANDARD DRAWINGS L-43-T, L-44-T, L-45, (DOCUMENT NO. 735691, 4/26/71), CURRENT STANDARD SPECIFICATIONS, AND DIVISION 4, SECTION 62, SAN DIEGO MUNICIPAL CODE. PLANT AND IRRIGATE ALL CUT AND FILL SLOPES AS REQUIRED BY DIVISION 4, SECTION 62, SAN DIEGO MUNICIPAL CODE AND ACCORDING TO CITY ENGINEER'S SPECIFICATIONS FOR LANDSCAPING AND IRRIGATION FOR LAND DEVELOPMENT, DOCUMENT NO. 746395, FILED FEBRUARY 20, 1974.

ENGINEER OF WORK

Richard H. Schwier, R.C.E. 19523
 RICHARD H. SCHWIER, R.C.E. 19523
 BENCH MARK
 8895 PLUS AT SOUTH-EAST CORNER
 COMMON STREET AND KEARNY MESA ROAD.
 ELEVATION 501.566 M.S.L. DATUM

PRIVATE CONTRACT

RICK ENGINEERING COMPANY DATE: 12-2-77
 PLANNERS CIVIL ENGINEERS LAND SURVEYORS
 4400 FRIARS ROAD SAN DIEGO CALIFORNIA 92110 TELEPHONE (619) 521-0151 PROJECT NO. 5907-B

**KEARNY MESA - DUNN BUSINESS PARK
UNIT No. 2**

CITY OF SAN DIEGO, CALIFORNIA I.S. 17-82-2
SHEET 2 OF 6 SHEETS NO. 7280-3

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL				
AS BUILT				
CONTRACTOR				
INSPECTOR				

PROFESSIONAL
 RICK ENGINEERING COMPANY
 4400 FRIARS ROAD, SAN DIEGO, CALIFORNIA 92110
 (619) 521-0151