

KEARNY MESA - DUNN BUSINESS PARK UNIT NO. 1

GENERAL NOTES

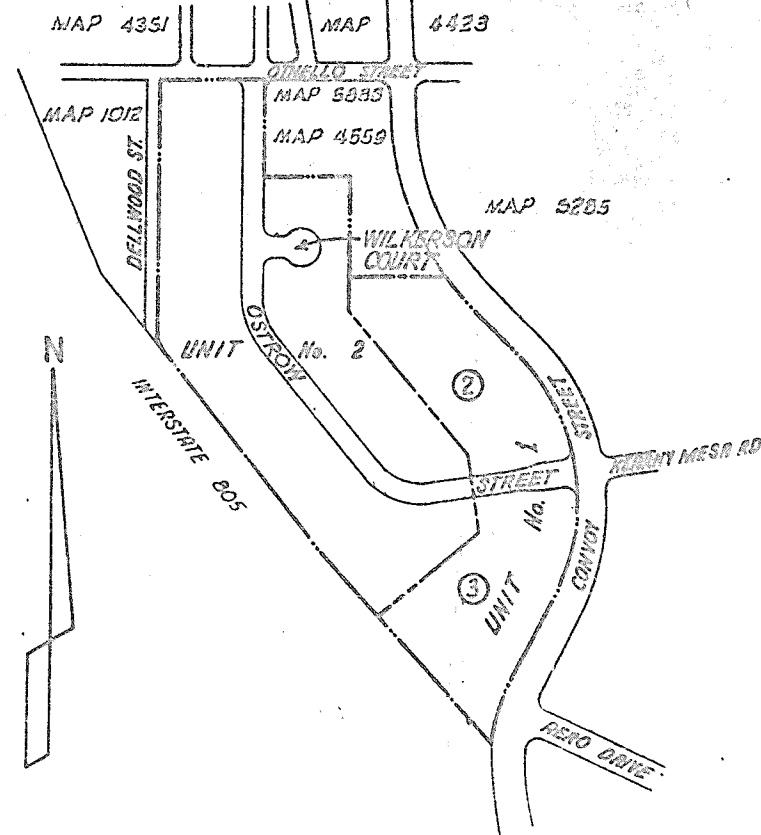
1. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.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

UNDERGROUND FACILITIES

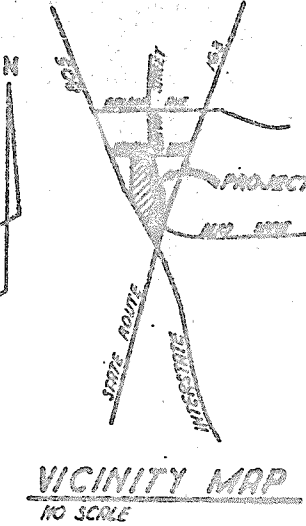
1. PRECISE LOCATION AND ELEVATIONS ARE NOT KNOWN FOR THE EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL MAKE SUFFICIENT EXPLORATIONS TO LOCATE EXISTING UTILITIES BEFORE COMMENCING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF WORK OF ANY POTENTIAL CONFLICTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES.
2. 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.
3. CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS & ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
4. CONTRACTOR SHALL NOTIFY THE PACIFIC TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
5. BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. CONTRACTOR SHALL TELEPHONE FOR:
SAN DIEGO GAS & ELECTRIC CO. 235-6323
PACIFIC TELEPHONE COMPANY 298-0595

SITE GRADING SPECIFICATIONS

1. 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 BUSINESS PARK, JOB NO. 77-156-1, DATED MAY 11, 1977, AND PREPARED BY MELANDER & 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 FILLS. EVALUATION 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.
2. 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 HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY GRADE ALL EXCAVATED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT FLOODING OF WATER. HE SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJACENT PROPERTIES OF 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.
5. AFTER COMPLETION OF 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.
6. CUT AND FILL SLOPES SHALL BE CUT AND TRIMMED TO THE FINISH GRADE TO PROVIDE 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, ROOTS, OR OTHER WASTE MATERIALS EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES WHICH ARE LIABLE TO BECOME LOOSE SHOULD BE REMOVED AND DISPOSED OF.
7. 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 AREA TO BE GRADED.
8. THE ELEVATIONS SHOWN ON THE PLANS REPRESENT THE FINISH SURFACE ELEVATIONS OF ROADS, DRIVEWAYS, WALKS, AND LANDSCAPED AREAS. THE CONTRACTOR SHALL MAKE ALLOWANCES FOR THE THICKNESS OF PAVING MATERIALS, FILLWORK, AND TOPSOIL.
9. GRADING SHALL BE DONE WITHIN A TOLERANCE OF $\pm 0.1'$ 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 RIND.
10. ALL RAWNES, GULLIES, AND HOLES HAVING ALLUVIAL MATERIAL SHALL BE CLEARED AND RECONSTRUCTED AT THE DIRECTION OF THE SOILS ENGINEER.
11. ALL AREAS TO RECEIVE FILL SHALL BE RIPPED AND RECOMPACTED TO A DEPTH OF 1.0 FEET, PRIOR TO PLACING FILL.
12. 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.
13. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 1:1/2:1. ALL NATURAL SLOPES, STEEPER THAN 3:1 SHALL BE RETEDED AND BREADED AT THE DIRECTION OF THE SOILS ENGINEER.
14. THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM: D-1557-70.
15. ALL REMOVED AND FILL MATERIAL SHALL BE PLACED AT OR ABOVE OPTIMUM MOISTURE, AND COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY.
16. ALL IMPORTED SOILS OR BORROW PIT MATERIAL SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO IMPORTING OR PLACING.
17. ALL UTILITY TRENCHES SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY OR BACK FILLED 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.



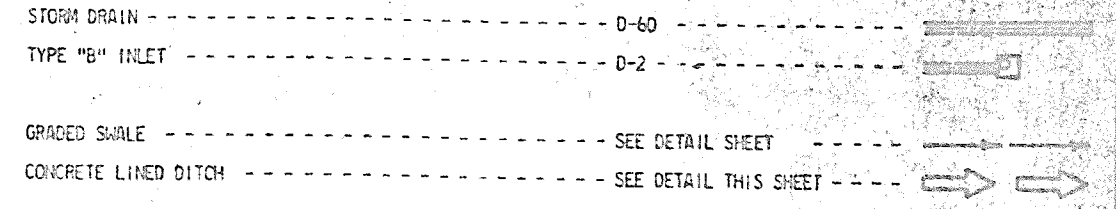
KEY MAP
SCALE 1" = 400'
② INDICATES SHEET NUMBER



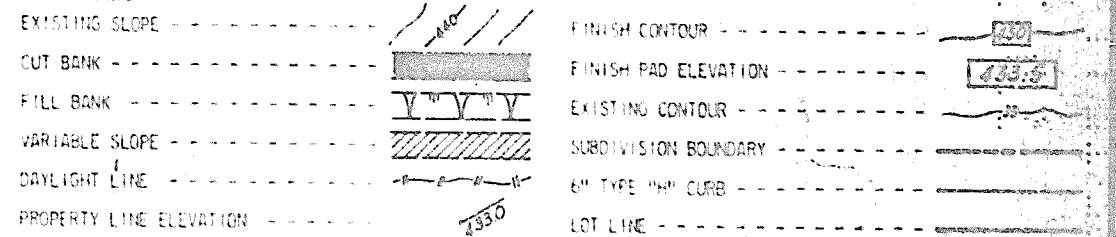
VICINITY MAP
NO SCALE

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:
SPECIFICATIONS - GREEN BOOK STANDARD SPECIFICATIONS (1976 EDITION), DOCUMENT NO. 755163, FILED MAY 10, 1976
CITY OF SAN DIEGO SUPPLEMENT TO GREEN BOOK STANDARD SPECIFICATIONS FOR USE WITH SUBDIVISIONS AND PUBLIC IMPROVEMENT PERMITS (DATED NOVEMBER 24, 1976) ON FILE IN THE CITY ENGINEER'S OFFICE
STANDARD DRAWINGS - REGIONAL STANDARD DRAWINGS (DECEMBER, 1975 EDITION), DOCUMENT NO. 755716, FILED JUNE 25, 1976



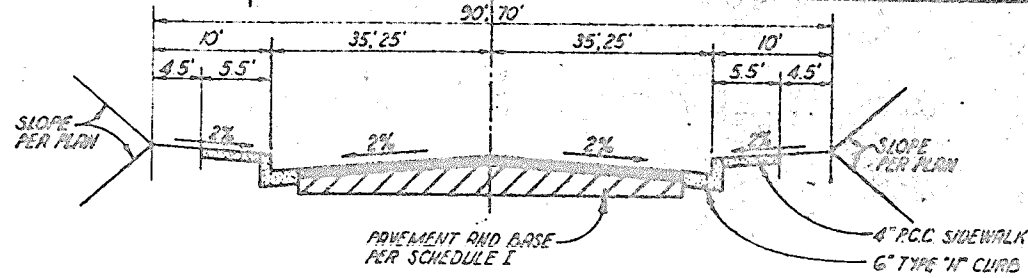
LEGEND



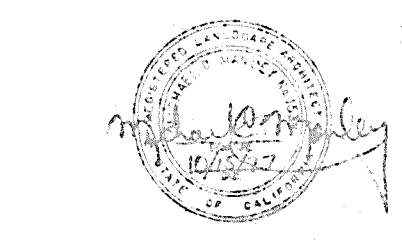
SITE DEVELOPMENT

GRADING AS SHOWN ON THESE PLANS AND IN CONFORMANCE WITH CITY STANDARD DRAWINGS L-03-T, L-04-T, L-45, (CURRENT NO. 735491, 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. 746595, FILED FEBRUARY 20, 1974.

KEY	LEGEND
▽	RAIN POND #181 20' DIAMETER HEAD / 15' DIA / FULL 1.5 GPM / 30' DIA BRIDGE 15' O.C.
▽	RAIN POND #191 20' DIAMETER HEAD / 15' DIA / HALF 0.2 GPM / 16' DIA BRIDGE 15' O.C.
●	RAIN POND #200 8' REMOTE CONTROL VALVE 2' DIA AS PER PLAN
○	RAIN POND #210 8' REMOTE CONTROL VALVE TO BE RELOCATED IN FUTURE
⊕	VALVE NUMBER PER SYSTEM VALVE SIZE NUMBER
⊕	WATER POINT OF CONNECTION INCLUDING MIN 50 GPM @ 100 PSI STATIC PRESSURE & GATE VALVE
⊕	2" I.C. P7H LINE SIZE BACKFLOW PREVENTER INSTALLED AS PER LOCAL CODES
⊕	2" I.C. P7H LINE SIZE BACKFLOW AS PER CODE TO BE RELOCATED IN FUTURE
⊕	CHAMPION 242 ANGLE VACUUM BREAKER INSTALLED AS PER LOCAL CODES
⊕	RAIN POND RAIN CLOSURE ELEC. AUTO REC. CONTROLLER V/ELEC TO CONTROLLER BY OTHERS
⊕	CHECK VALVE AS APPROVED BY CITY
⊕	12" P.S. PIPE TO BE SCHEDULE 40 RVC BURIED AS PER SPEC
⊕	NON-PRESSURE PIPE TO BE CLASS 215 RVC BURIED AS PER SPEC
COMMENTS: 1. CONTRACTOR TO INSTALL SYSTEM AS PER SPEC & DOCUMENT # 746595, CITY OF SAN DIEGO. 2. MAXIMUM SLOPE OF HEADS DOES NOT EXCEED 60% OF A.O.D. OF THROU OF HEADS. 3. MINIMUM VELOCITY IN LINES IS NOT TO EXCEED 4 FT PER SEC. 4. CONTRACTOR TO INSURE NO OVERFLOW OF WATER AT 2" OR 4" DIA AREAS WITHIN SYSTEM AREA. 5. IRRIGATION PLANS FOR PROJECT UNIT 2 ARE RELATED.	



TYPICAL STREET SECTION
NO SCALE



BENCH MARK
BRASS PLUG AT SOUTH-EAST CORNER
CAMINO STREET AND KEARNY MESA ROAD
ELEVATION 401.536 M.S.L. DATUM

PRIVATE CONTRACT			
RICK ENGINEERING COMPANY PLANNERS 1920 VALLEY ROAD SAN DIEGO CALIFORNIA 92108 TELEPHONE 534-8100		DATE: 6-18-77 PROJECT NO. 4907	
KEARNY MESA - DUNN BUSINESS PARK UNIT NO. 1			
CITY OF SAN DIEGO, CALIFORNIA SHEETS 1 OF 3 SHEETS			
DESCRIPTION		BY	DATE
ORIGINAL			
CONTRACTOR: [Signature]			
DATE STARTED: 11-6-77			
DATE COMPLETED: 11-16-77			

0322