Avoid cutting underground utility lines. It's easy.

Call before you Dig

1-800-227-2600

CITY OF LAS VEGAS GENERAL NOTES

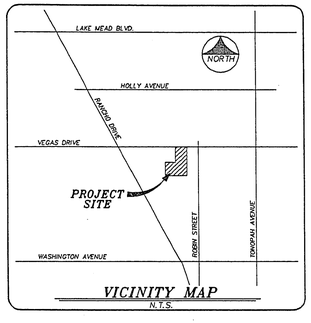
1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE. EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND/OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.
6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
9. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
10. CURB & GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ON PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.
11. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
12. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY A CITY INSPECTOR.
13. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
14. EXACT LOCATION OF ALL SANCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
16. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
17. WALL NOTES:
    A. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.
    B. THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CLV BUILDING DEPARTMENT.
18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.

REVISED 12/92 013M

LIST OF SYMBOLS AND ABBREVIATIONS

- A — SECTION OR DETAIL IDENTIFIER
- 1 — SHEET ON WHICH SECTION OR DETAIL IS DRAWN.

T.C.	TOP OF CURB
F.L.	FLOW LINE
FIN.GR.	FINISHED GRADE
B.C.R.	BACK OF CURB RETURN
A.C.	ASPHALTIC CONCRETE
SW	SIDEWALK
TYP.	TYPICAL
EX.	EXISTING
℄	CENTERLINE
R	PROPERTY LINE
T.W.	TOP OF WALL
FIN.FLR.	FINISHED FLOOR
	BLOW-OFF
	FIRE HYDRANT
	MANHOLE
	CLEANOUT
	GATE VALVE
	STREET LIGHT
	TURF AREAS
	EXISTING CONTOURS
	EXISTING EDGE OF PAVEMENT
EP	PROPOSED EDGE OF PAVEMENT
	PROPOSED SLOPES/FLOWLINE
	PROPOSED CHAINLINK FENCE
	PROPOSED RETAINING WALL
	PROPOSED PAINTED LINES



VICINITY MAP
N.T.S.

BENCH MARK

CLARK COUNTY BENCHMARK NO. 8, STATION 7C01-205WS DRIVE RIVET IN ALUMINUM PLATE IN TOP OF CURB OF THE NORTHEAST CORNER OF VEGAS DR. AND RANCHO DR. NEAR THE PC OF RANCHO DR.

ELEVATION = 2114.749

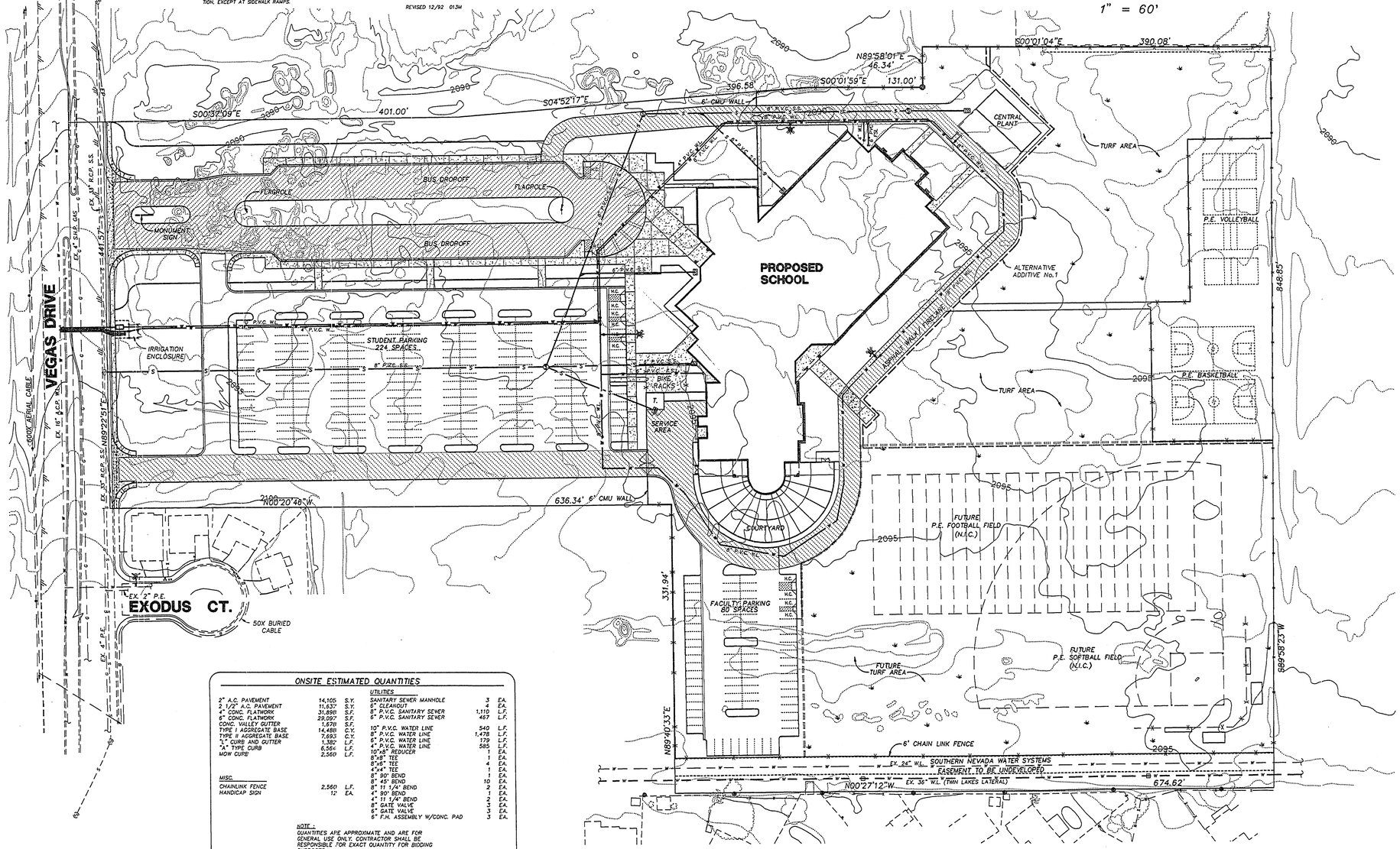
BASIS OF BEARING

NORTH 89°22'51" EAST, BEING THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA AS DELINEATED IN THE DEED OF THE CLARK COUNTY SCHOOL DISTRICT PARCEL RECORDED IN BOOK NO. 498, DOCUMENT NO. 401485, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

- INDICATES HEAVY DUTY A.C. PAVEMENT AREA.
- LIGHT DUTY A.C. PAVEMENT IN ALL OTHER AREAS, UNLESS NOTED OTHERWISE.
- CONCRETE FLATWORK

NOTE: FOR PAVEMENT SECTIONS REFER TO DETAIL A, ON SHEET C6.02.

1" = 60'



ONSITE ESTIMATED QUANTITIES

2" A.C. PAVEMENT	14,105	S.Y.
2-1/2" A.C. PAVEMENT	11,637	S.Y.
4" CONC. FLATWORK	31,898	S.F.
6" CONC. FLATWORK	29,097	S.F.
CONC. VALLEY GUTTER	1,678	S.F.
TYPE I AGGREGATE BASE	14,488	C.Y.
TYPE II AGGREGATE BASE	7,693	C.Y.
"L" CURB AND GUTTER	1,382	L.F.
"A" TYPE CURB	6,584	L.F.
MOW CURB	2,560	L.F.
MISC.		
CHAINLINK FENCE	2,560	L.F.
HANDICAP SIGN	12	EA.

UTILITIES		
SANITARY SEWER MANHOLE	3	EA.
6" CLEANOUT	4	EA.
8" P.V.C. SANITARY SEWER	1,110	L.F.
6" P.V.C. SANITARY SEWER	467	L.F.
10" P.V.C. WATER LINE	540	L.F.
8" P.V.C. WATER LINE	1,478	L.F.
6" P.V.C. WATER LINE	179	L.F.
4" P.V.C. WATER LINE	585	L.F.
10"x8" REDUCER	1	EA.
8"x8" TEE	1	EA.
8"x6" TEE	4	EA.
4"x4" TEE	1	EA.
8" 90° BEND	1	EA.
8" 45° BEND	10	EA.
8" 11 1/4° BEND	2	EA.
4" 90° BEND	1	EA.
4" 11 1/4° BEND	2	EA.
8" GATE VALVE	3	EA.
6" GATE VALVE	3	EA.
6" F.H. ASSEMBLY W/CONC. PAD	3	EA.

NOTE:
QUANTITIES ARE APPROXIMATE AND ARE FOR GENERAL USE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR EXACT QUANTITY FOR BIDDING PURPOSES.

PLOT DATE: 6-11-93
FILE NAME: 506MP

REVISIONS

REV	DESCRIPTION	DATE	BY	APPROVAL

LAS VEGAS CITY ENGINEER — 8-24-93 DATE
Dennis Anderson

THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHTS AND SIGNAL LIGHT INSTALLATION.
NEVADA POWER CO. — 7-28-93 DATE

SOUTHWEST GAS CORPORATION — 6/15/93 DATE

APPROVED FOR CONSTRUCTION : A.F.A.T., SHEET C2.01
LAS VEGAS VALLEY WATER DISTRICT — 7/26/93 DATE

DEVIATIONS FROM STANDARDS:
"A" CURB IS 6" ABOVE PAVEMENT

SEAL — CIVIL — 21018 — 6/11/93

CCSD PROJECT NO. 0490
CCSD REVIEW —
APPROVED BY —
DATE —

DATE 06-07-93
DRAWN BY MDP
CHECKED BY KMM
SUBMITTAL 100%
A/E PROJECT NO. 91-538

Church Engineering of Nevada, Inc.
Consulting Engineers Planners Surveyors
6020 W. Charleston Blvd. Suite 140 Las Vegas, Nv. 89102 (702) 259-8201
7197.506

KITTRELL GARLOCK and ASSOCIATES AIA ARCHITECTS
4170 SOUTH DECATUR BLVD. - SUITE B-5 - LAS VEGAS, NV. - 89103 - (702) 367-6900

CLARK COUNTY SCHOOL DISTRICT
SPECIAL PROJECTS 4260 EUCALYPTUS ANNEX 799-5025 LAS VEGAS, NEVADA 89121

PROJECT
ACADEMY FOR ADVANCED TECHNOLOGIES
JURISDICTION : CITY OF LAS VEGAS - CLARK COUNTY, NEVADA

DRAWING TITLE
MASTER PLAN

SHEET NO. 1 of 11

C2.01

90-90

715-88