

GENERAL NOTES

- 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 EDITION; THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST EDITION; 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 "DEViating FROM STANDARDS".
- 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.
- 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.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- 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.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
- AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT HANDICAP RAMPS.
- APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
- CURB & GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE 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.
- SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 233. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- 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.
- 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.
- EXACT LOCATION OF ALL SAWCUT 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.
- 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.
- 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.
- 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.

SEWER NOTES

- All construction and materials shall be in accordance with the latest edition of the Design & Construction Standards for Wastewater Collection Systems and the Uniform Standard Specifications for Public Works' Construction Off-Site Improvements, Clark County Area, Nevada, as amended. In all cases, these Standards shall supersede the Uniform Standard Specifications. It will be the responsibility of the Contractor to be aware of the contents of the above specification books.
- It shall be the Contractor's responsibility to perform construction as per plans. Any additions, deletions, or changes shall first meet with the approval of the controlling Agency.
- Chisel "S" or "G" in curbs where sewer or gas laterals pass under the curb.
- Polyvinyl (PVC) sewer pipe shall meet ASTM D-3034 SDR 35 specifications, installed with the sand bedding and backfill of Type II gravel.
- All manholes in paved streets 80' R/W and larger, shall have concrete collars.
- Tee saddles shall be used to connect sewer laterals to existing main lines up to 12" dia. size. Connections to 15" or larger mains shall require special procedures.
- A sewer main crossing over a water main or less than 18" under a water main, must be reinforced concrete encased for a distance not less than ten feet (10') to each side of the centerline of the water main.
- All Contractors installing sewer mains that will be under the jurisdiction of the controlling Agency must be Class "A" Contractors.

DEVIATIONS

TOWN CENTER DRIVE DESIGN SPEED 45 M.P.H.
TOWN CENTER DRIVE POSTED SPEED 35 M.P.H.

LEGEND

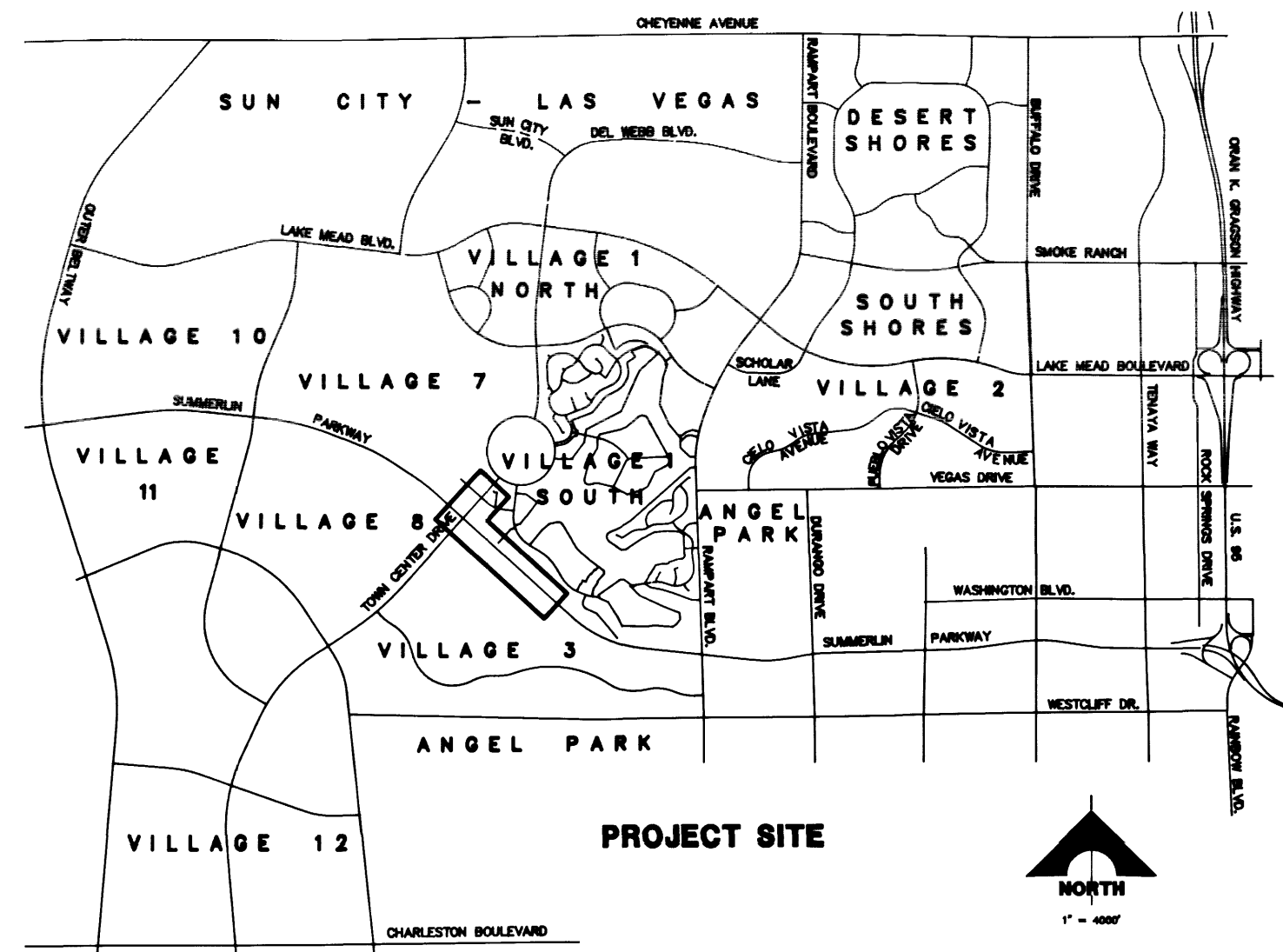
- 1 DETAIL DRAWING NUMBER
- 1 DRAWING NUMBER FOR DETAIL
DRAWN ON SAME SHEET
- 1 DRAWING NUMBER FOR DETAIL WITH
REFERENCE TO THE SHEET IT IS DRAWN ON
- D102
S DRAWING NUMBER FOR DETAIL PER
SUMMERLIN IMPROVEMENTS STANDARDS
- 1 INDICATES CONSTRUCTION NOTE
- A INDICATES REMOVAL NOTE

EMBANKMENT

- TOP
PROPOSED
BOTTOM
BY SEPARATE CONTRACT
EXISTING
FUTURE IMPROVEMENTS

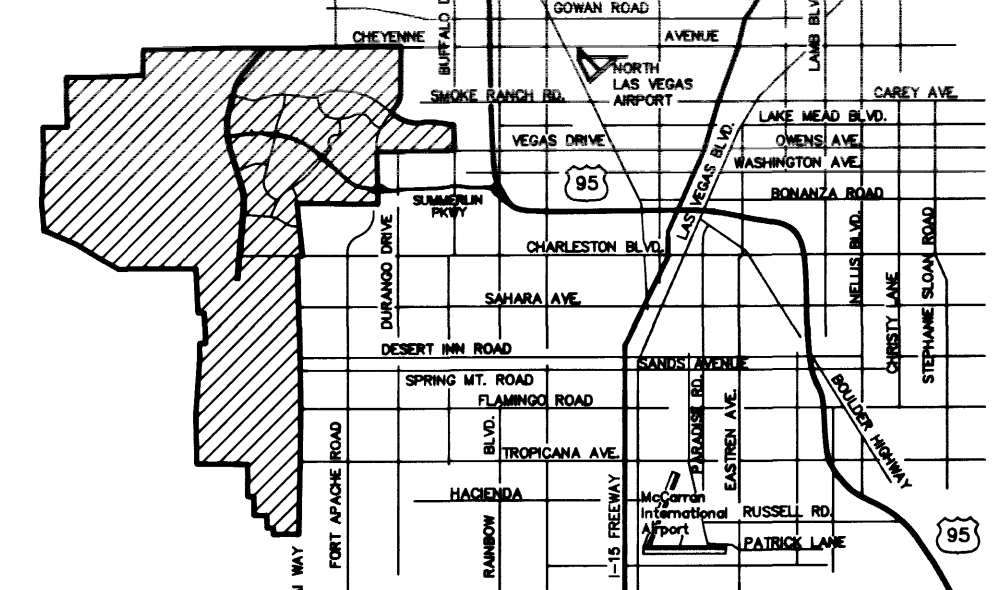
NOTE: LEGEND & ABBREVIATIONS IN THE "SUMMERLIN IMPROVEMENT STANDARDS," LATEST EDITION, WILL BE UTILIZED FOR ANY LEGEND & ABBREVIATIONS REQUIRED WHICH ARE NOT SHOWN.

- S SAWCUT AND MATCH
EXISTING PAVEMENT
---2755--- EXISTING CONTOUR
-2755- PROPOSED CONTOUR
-L- STREETLIGHT CONDUIT
INSTALLED THIS PROJECT
-T- TRAFFIC SIGNAL
CONDUIT INSTALLED
THIS PROJECT



LOCATION MAP

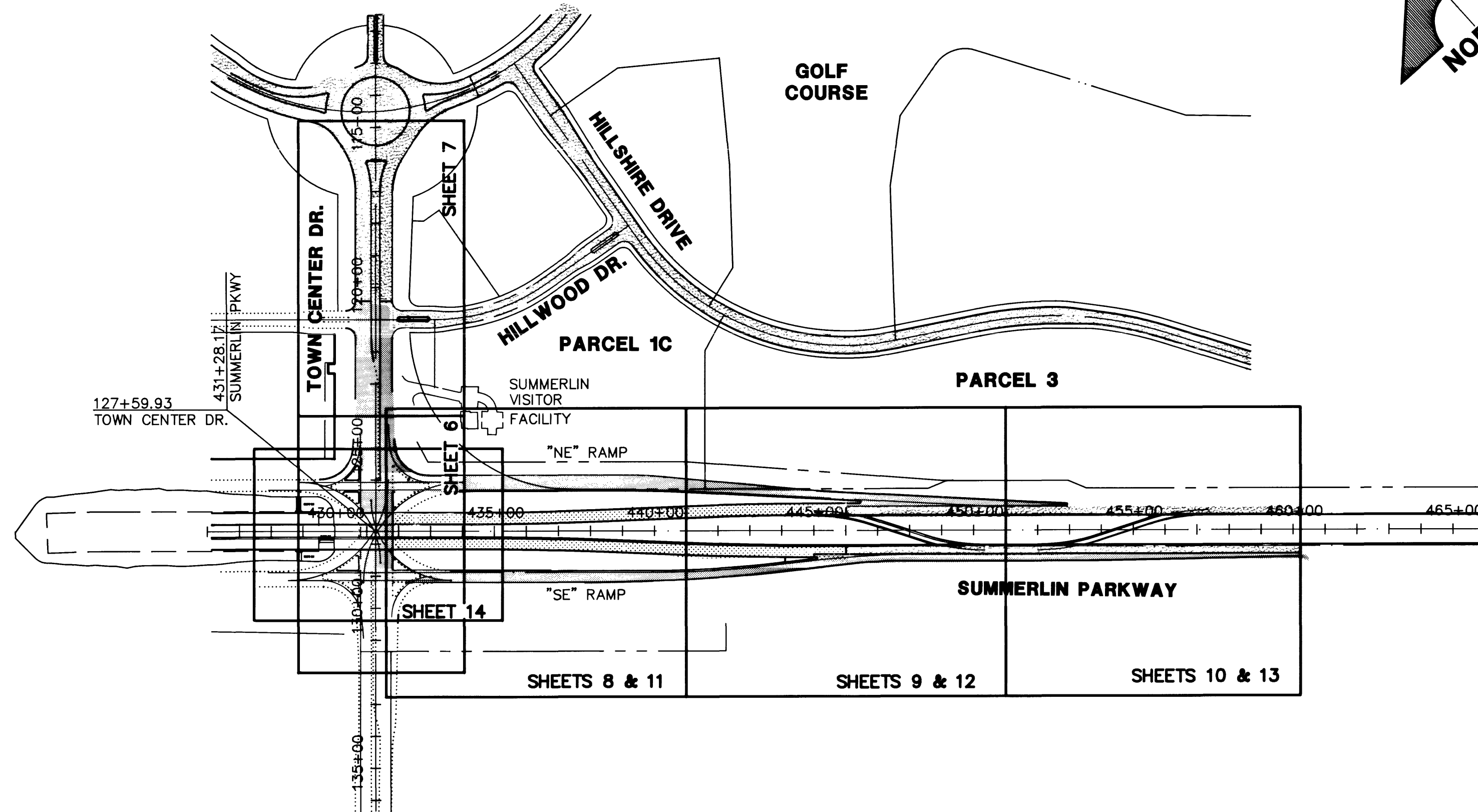
PROJECT SITE



VICINITY MAP

INDEX OF DRAWINGS

- FACE SHEET
- PROJECT DATA SHEET
- HORIZONTAL CONTROL SHEET 1"=100'
- PHASE 1 CONSTRUCTION 1"=100'
- PHASE 2 CONSTRUCTION 1"=100'
- TOWN CENTER DRIVE 1"=40' PLAN & PROFILE
STA. 112+00 TO STA. 124+00
- TOWN CENTER DRIVE 1"=40' PLAN & PROFILE
STA. 124+00 TO STA. 129+18.92
- SUMMERLIN PKWY. 1"=40' GRADING PLAN STA. 434+00 TO 441+00
- SUMMERLIN PKWY. 1"=40' GRADING PLAN STA. 441+00 TO 451+00
- SUMMERLIN PKWY. 1"=40' GRADING PLAN STA. 451+00 TO 460+23.11
- SUMMERLIN PKWY. 1"=40' IMPROVEMENT PLAN
- SUMMERLIN PKWY. 1"=40' IMPROVEMENT PLAN
- SUMMERLIN PARKWAY/TOWN CENTER DRIVE
INTERSECTION DETAILS 1"=20'
- SUMMERLIN PARKWAY PROFILE 1"=50'
EB & WB STA. 432+00 TO STA. 447+00
- RAMP "SE" & "NE" PROFILES 1"=50'
STA. 60+00 TO STA. 75+00
- UTILITY SHEET 1"=100'
- SIGNING & STRIPING PLAN 1"=100' PHASE 1
- SIGNING & STRIPING PLAN 1"=100' PHASE 2
- SIGNING & STRIPING PLAN 1"=100' POST CONSTRUCTION
- SIGN LAYOUT & SUMMARIES
- TYPICAL SECTIONS & DETAILS
- TYPICAL SECTIONS & DETAILS
- TYPICAL SECTIONS & DETAILS
- PROFILE DETAILS
- PROFILE DETAILS
- STREET LIGHTING AND TRAFFIC SIGNALS PHASE 1
- STREET LIGHTING AND TRAFFIC SIGNALS PHASE 2
- PANEL SCHEDULE, DETAILS & NOTES



ALL TREE REMOVAL, UPLIGHTING TO BE RELOCATED, IRRIGATION SYSTEMS TO BE REMOVED/RELOCATED OR ANY OTHER EXISTING LANDSCAPING FEATURES TO BE DISTURBED DUE TO CONSTRUCTION PER THESE DRAWINGS SHALL BE RELOCATED/INSTALLED PRIOR TO BEGINNING OF THIS CONSTRUCTION CONTRACT AND COORDINATED THROUGH SUMMERLIN.

- EXISTING PAVEMENT
PROPOSED PAVEMENT
FUTURE PAVEMENT

RECORD DRAWINGS

THESE PLANS SHOW RECORD INFORMATION RECEIVED FROM:

CONTRACTOR: **WELLS CARGO/ACME ELECTRIC**

DATE: **OCTOBER 22, 1993**

THIS DATA MAY OR MAY NOT REFLECT THE ACTUAL FIELD LOCATIONS. ALL DATA SHOULD BE CONFIRMED PRIOR TO USE ON DEVELOPMENT OR ENGINEERING PLANS.

SHEET INDEX MAP

APPROVALS

CITY OF LAS VEGAS

[Signature]
CITY ENGINEER

11-17-92
DATE

[Signature]
C.L.V. FIRE DEPARTMENT

10/23/92
DATE

AGENCIES

REVIEWED BY DATE
L.V. VALLEY WATER DISTRICT *[Signature]* 11/2/92
NEVADA POWER CO. *[Signature]* 10-21-92
CENTRAL TELEPHONE CO. *[Signature]* 10-21-92
SOUTHWEST GAS CORP. *[Signature]* 10-21-92

BASIS OF BEARING

N 01°12'43" E IS BASED ON THE NEVADA STATE GRID SYSTEM (EAST ZONE) AS DETERMINED FROM THE TRIANGULATION POINTS "RED ROCK" TO "LONE MOUNTAIN".

BENCHMARK

CHISELED "A" IN THE TOP OF CURB AT END OF CURB ON WEST SIDE OF DURANGO, 250' SOUTH OF WESTCLIFF. ELEV. PER CITY OF LAS VEGAS DATUM = 2610.16

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2000
(NATIONAL SERVICE ALERT)

LOCAL BENCHMARKS					
NO.	STREET NAME	COORDINATES		DESCRIPTION	ELEV.
		NORTHING	EASTING		
9	SUMMERLIN PARKWAY	521893.7445	583726.2303	CONC. MON. W/2" B.C.	2758.50
10	TOWN CENTER DRIVE	523816.2240	582461.3559	2" B.C. IN CURB	2745.40