GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SUMMERLIN IMPROVEMENT STANDARDS AS APPROVED BY THE CITY COUNCIL ON 11/18/92, SIGNED BY CLV 2/2/93, "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 150' 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 FIVE 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 AT THE EXPENSE OF THE CONTRACTOR.
11. SIDEWALK RAMPS SHALL BE CONSTRUCTED AS SHOWN ON PLANS PER SUMMERLIN STD. DRAWING NO. S-75. 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. SOILS REPORT(S) PREPARED FOR THIS PROJECT ARE AVAILABLE FOR CONTRACTOR'S REVIEW AS DESCRIBED IN PARAGRAPH 1.4.2 OF THE CONSTRUCTION AGREEMENT.
14. 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 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 ACCORD. 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.
19. 48 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT:

LAS VEGAS VALLEY WATER DISTRICT	PHONE	870-2011
NEVADA POWER COMPANY	PHONE	1-800-227-2600
CENTRAL TELEPHONE COMPANY	PHONE	1-800-227-2600
SOUTHWEST GAS CORPORATION	PHONE	365-2296
KERN RIVER GAS	PHONE	801-584-6762

20. CONTRACTOR TO SECURE AN ENCROACHMENT PERMIT FROM KERN RIVER GAS PRIOR TO COMMENCING WORK WITHIN THE LIMITS OF THE EXISTING KERN RIVER GAS LINE EASEMENT.

DEVIATIONS

LEGEND & ABBREVIATION

- (1) DETAIL DRAWING NUMBER
- (1/–) DRAWING NUMBER FOR DETAIL DRAWN ON SAME SHEET
- (1/7) DRAWING NUMBER FOR DETAIL WITH REFERENCE TO THE SHEET IT IS DRAWN ON
- (D1,D2/S) DRAWING NUMBER (S) FOR DETAIL (S) PER SUMMERLIN IMPROVEMENTS STANDARDS, OR PER STANDARDS IN ABBREVIATION TABLE
- (1/I) INDICATES CONSTRUCTION NOTE
- (A/I) INDICATES REMOVAL NOTE
- (1) INDICATES CURVE NUMBER
- INDICATES SEWER MANHOLE IN PROFILE
- INDICATES STORM DRAIN MANHOLE IN PROFILE
- (60.5) TC EXIST. SPOT ELEVATION
- STUB & PLUG PIPE
- CONCRETE ENCASEMENT
- SURVEY MONUMENT

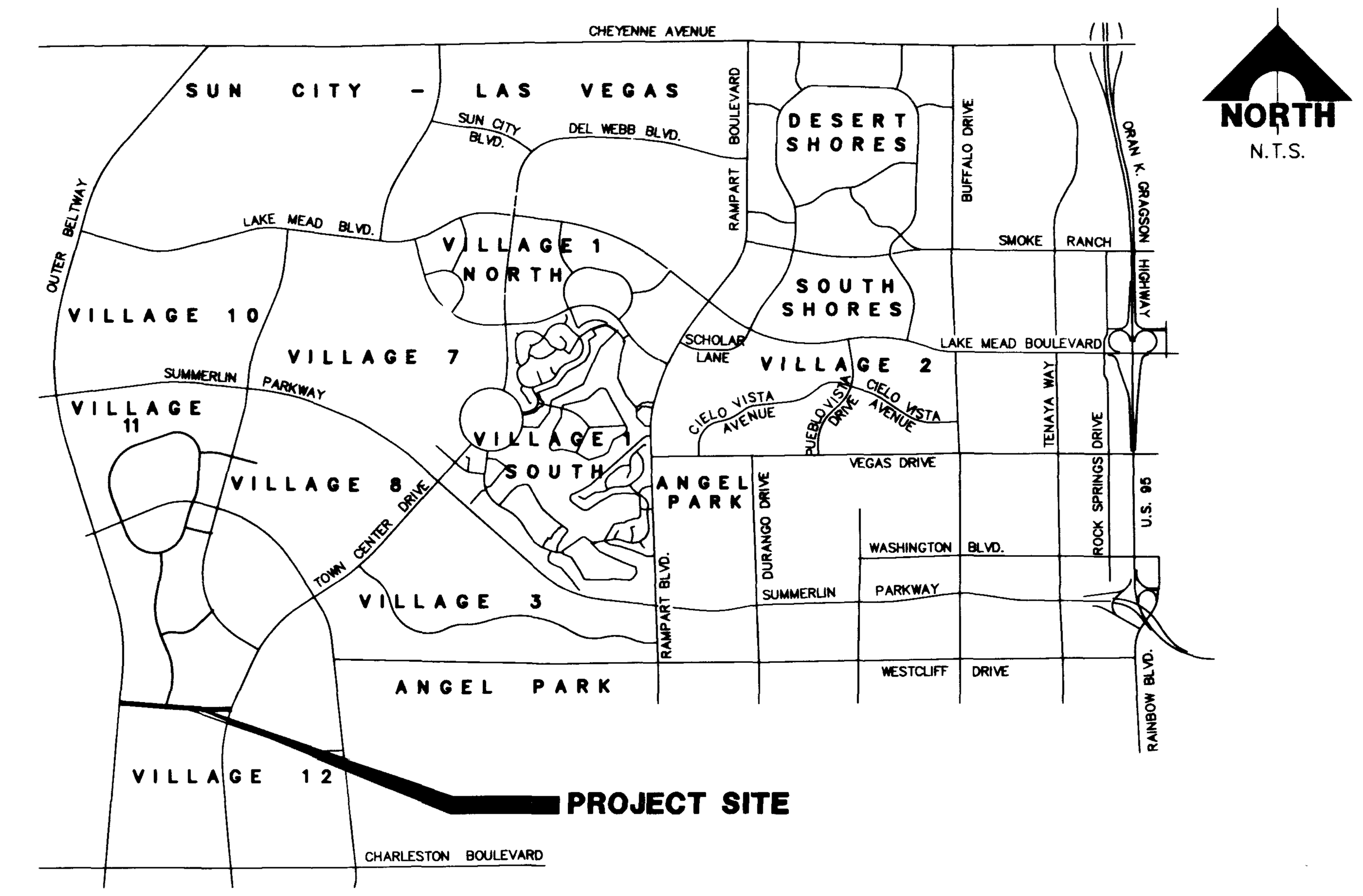
EMBANKMENT

- TOP / BOTTOM — PROPOSED
- BY SEPARATE CONTRACT
- EXISTING

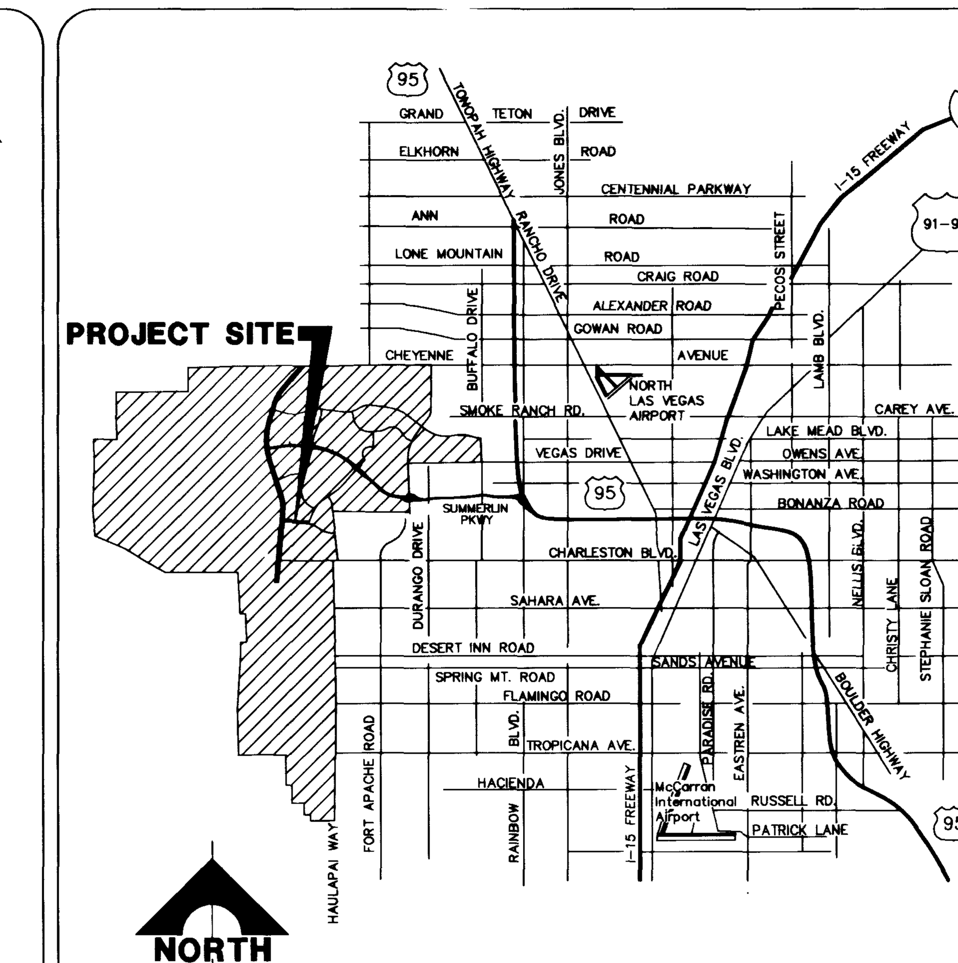
ABBREVIATION

- I = IMPROVEMENTS
- W = WATER
- S = SEWER
- SD = STORM DRAIN
- SL = STREET LIGHTING
- SIG = TRAFFIC SIGNAL
- SMH = SEWER MANHOLE
- SDMH = STORM DRAIN MANHOLE
- CLV = CITY OF LAS VEGAS
- LVVWD = LAS VEGAS VALLEY WATER DISTRICT
- NDOT = NEVADA DEPT. OF TRANSPORTATION
- TR = STREET LIGHT OR COMMON TRENCH, SEE ELECTRICAL PLANS

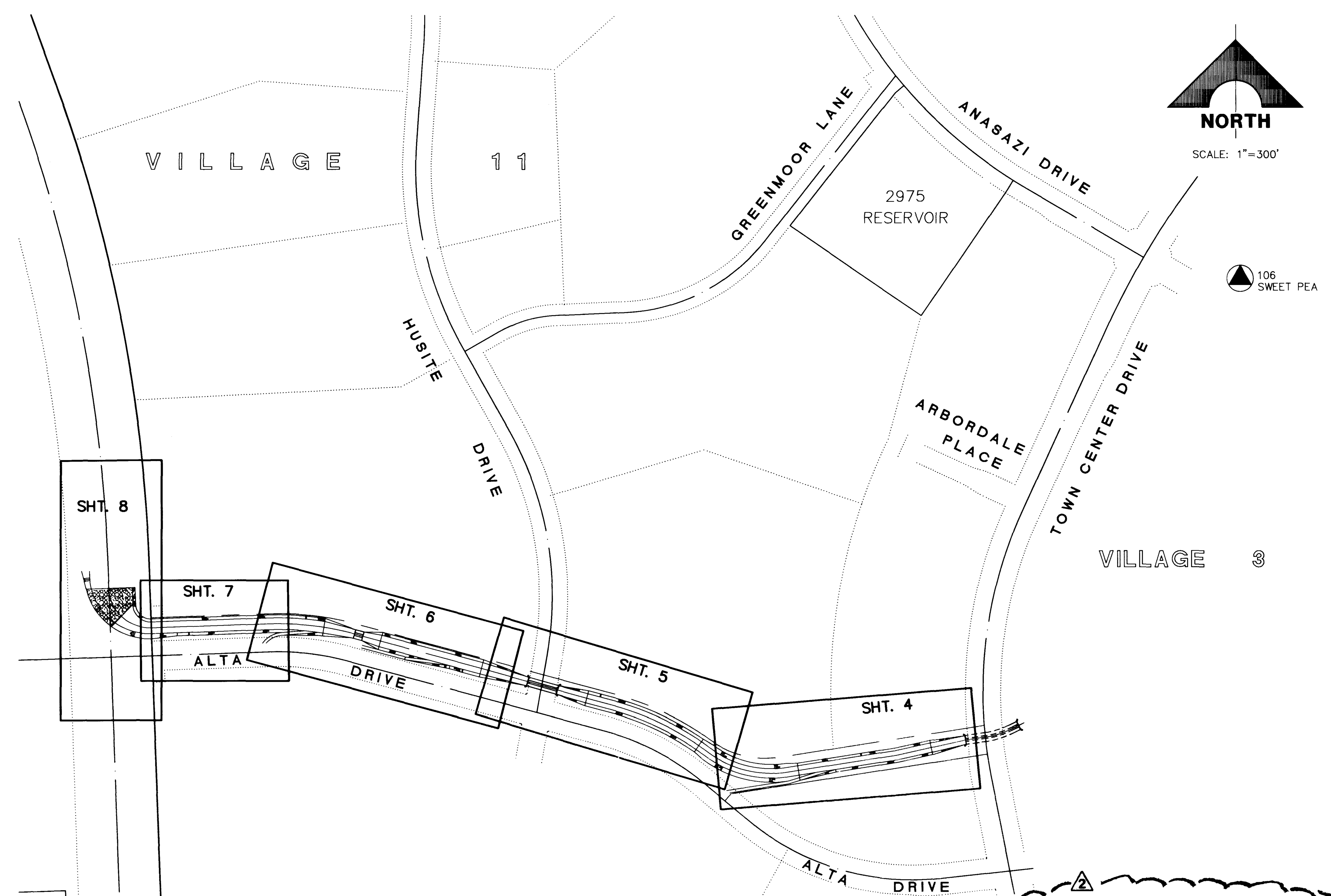
NOTE: LEGEND & ABBREVIATIONS IN THE "SUMMERLIN IMPROVEMENT STANDARDS", LATEST EDITION, WILL BE UTILIZED FOR ANY LEGEND & ABBREVIATION REQUIRED WHICH ARE NOT SHOWN.



LOCATION MAP



VICINITY MAP



LOCAL BENCHMARKS					
MON. NO.	STREET NAME	COORDINATES NORTHING	EASTING	DESCRIPTION	ELEV.
106	TOWN CENTER DRIVE	518692.0757	577722.9291	SWEET PEA	2927.86

SWEET PEA: 421.44' Bearing S77°43'31"E from Anasazi & TCD Intersection

⚠2 RECORD DRAWINGS

THESE PLANS SHOW RECORD INFORMATION RECEIVED FROM:

CONTRACTOR: **WELLS CARGO**

DATE: **5/29/97**

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

INDEX OF DRAWINGS

1. COVER SHEET
2. PROJECT DATA SHEET
3. CONTROL SHEET
4. PLAN & PROFILE STA. 10+05.41 TO 20+00
5. PLAN & PROFILE STA. 20+00 TO 32+00
6. PLAN & PROFILE STA. 32+00 TO 41+50
7. PLAN & PROFILE STA. 41+50 TO 48+09.93
8. PLAN & PROFILE STA. 48+09.93 TO 48+84.82
9. CHANNEL SECTIONS
10. CHANNEL SECTIONS
11. CHANNEL DETAILS

DRAINAGE CERTIFICATION

I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

Roy A Davis III — 6-14-96 DATE

APPROVALS

"APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND / OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND / OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER "DEVIATIONS FROM STANDARDS". THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN "DEVIATION FROM STANDARDS" IN FAVOR OF THE SUMMERLIN IMPROVEMENT STANDARDS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA".

CITY OF LAS VEGAS

CITY ENGINEER — 7-16-96 DATE

SUMMERLIN

GERALD M. ROBBINS — 7/8/96 DATE

AGENCIES

L.V. VALLEY WATER DISTRICT	7/10/96 DATE
NEVADA POWER CO.	6-18-96 DATE
CLV FIRE DEPARTMENT	6/21/96 DATE
SPRINT CENTRAL TELEPHONE - NEVADA	6·18·96 DATE
SOUTHWEST GAS CORP.	6-18-96 DATE

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

RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND.

2725.923	NGVD 1929 DATUM
2728.37	NAVD 1988 DATUM (831.6074 M)
*2726.19	SUMMERLIN DATUM

* THIS PROJECT BASED ON SUMMERLIN DATUM

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)

REV.	DATE	DESCRIPTION	APPROVAL
2	5-29-97	RECORD DRAWING	

FINAL SUBMITTAL

RECOMMENDED: ROY A. DAVIS III — R.P.E. NO. 9514 — DATE 6-14-96

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA — ROY A. DAVIS III — CIVIL — 9514

G.C. WALLACE, INC. Engineering/Architecture 1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89102

SUMMERLIN

VILLAGE 11/12 ALTA DRIVE DRAINAGE CHANNEL

PROJECT DATA SHEET

SHEET **2**

SHT 2 OF 11

Drawing: C:\DWG\ALTA-CHN\CHAN-S2.DWG   May 15, 1996 8:55:43 a.m.

JOB NO. 62011.215

LG/RAS

3312

S.I.D. 707 PROJECT NO. 22 **731-62**

GENERAL NOTES

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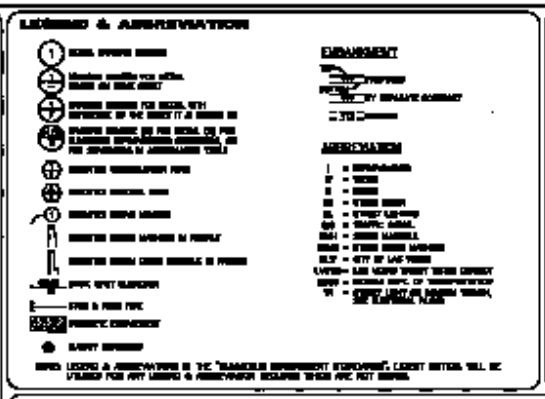
DEVIATIONS

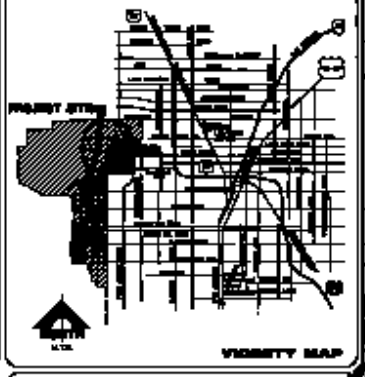
LEGEND & ABBREVIATION



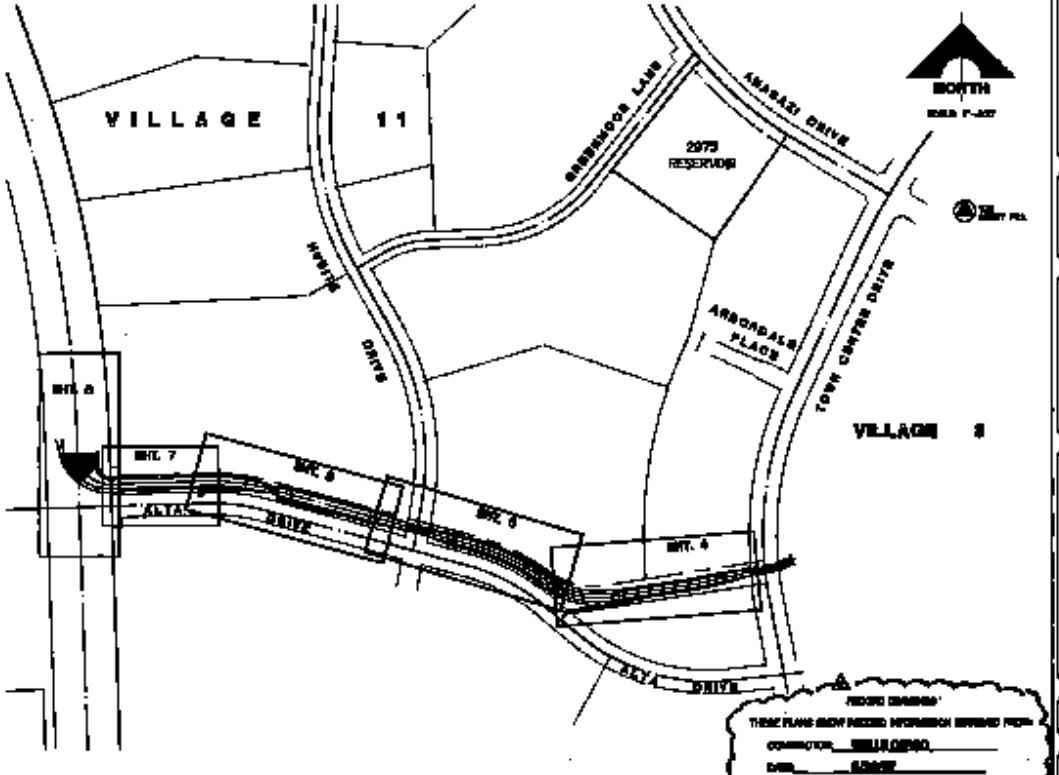
EASEMENT

ABBREVIATION

LOCATION MAP



VICINITY MAP



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DRAINAGE CERTIFICATION

I HEREBY CERTIFY THAT THE HYDROLOGY PLANS & OR CALCULATIONS WITH THE ATTACHED DRAINAGE REPORT ARE FILE AT THE CITY OF LAS VEGAS FOR THE PROJECT.

APPROVALS

THESE PLANS ARE APPROVED FOR CONSTRUCTION AND ARE VALID FOR ONE YEAR FROM THE DATE OF APPROVAL.

CITY OF LAS VEGAS

RANCHO

ADDENDUM

THESE PLANS SHOW PAVED INFORMATION BEHIND FROM

CONTRACTOR

DATE

THESE PLANS MAY OR MAY NOT INCLUDE THE ACTUAL FIELD CONDITIONS. ALL BIDS SHOULD BE CONFIRMED PRIOR TO USE OR DEVELOPMENT OF BIDDING PLANS.

BASIS OF BEARINGS

BENCHMARK

Call before you Dig.

1-800-227-8600

SHEET 2

VILLAGE 11/12 ALTA DRIVE

PROJECT DATA SHEET

FINAL SUBMITTAL

C.C. PALMER, INC.

CIVIL ENGINEERS

LAND SURVEYORS

731-62