

**GENERAL NOTES**

- ALL CONSTRUCTION, MATERIALS AND DETAILS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, DRAWINGS, SUMMERLIN IMPROVEMENT STANDARDS, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, 1986.
- 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
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM INFORMATION RECEIVED FROM THE APPLICABLE UTILITY COMPANIES. NEITHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR EXISTING UTILITIES OR STRUCTURES NOT SHOWN, OR NOT IN THE LOCATIONS SHOWN ON THE DRAWINGS. CONTRACTOR TO VERIFY THE EXACT LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR'S RESPONSIBILITY REGARDING CITY UTILITIES SHALL BE AS REQUIRED UNDER SECTION 107.17 OF THE UNIFORM STANDARD SPECIFICATIONS FOR CLARK COUNTY AREA, NEVADA AND AS PROVIDED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR THE EXISTING GAS MAINS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING 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 RECONSTRUCTED SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT REMOVE TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURES, LIGHTS, OR ANY EXISTING IMPROVEMENTS OUTSIDE OF STREET RIGHT-OF-WAY, EXCEPT WHERE REQUIRED TO DO SO BY THE CONTRACT DRAWINGS OR BY THE ENGINEER.
- TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURES, LIGHTS AND OTHER EXISTING IMPROVEMENTS WITHIN STREET RIGHTS-OF-WAY SHALL BE REMOVED WHERE SHOWN ON THE CONTRACT DRAWINGS, AND AS REQUIRED BY THE ENGINEER.
- REPLACEMENT, RELOCATION OR RECONSTRUCTION OF ALL EXISTING IMPROVEMENTS INCLUDING SPRINKLER SYSTEMS, FENCES, WALLS, SIGNS, STEPS, SIDEWALKS, DRIVEWAYS, LAMP LIGHTS, AND ALL OTHER ITEMS APPLICABLE TO THIS CONTRACT SHALL BE AS REQUIRED BY THE ENGINEER.
- THE CONTRACTOR SHALL BACKFILL AND FINE GRADE ALL CUT OR FILL SLOPES TO MATCH EXISTING CONDITIONS TO THE SATISFACTION OF THE ENGINEER. WHERE EXISTING LAWNS ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL RE-SEED AND/OR SOO THE AFFECTED AREA TO A CONDITION EQUAL TO OR BETTER THAN EXISTED PRIOR TO CONSTRUCTION.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "NEVADA TRAFFIC CONTROL MANUAL," 1985, PUBLISHED BY THE STATE OF NEVADA, DEPARTMENT OF HIGHWAYS, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT SPECIFICATIONS OR AS REQUIRED BY THE ENGINEER.
- AT THE TIME OF PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH, FOR APPROVAL, A TRAFFIC BARRICADING PLAN AND THE METHOD OF MAINTAINING PUBLIC CONVEYANCE AND SAFETY THROUGHOUT THE CONSTRUCTION AREA. TRAFFIC BARRICADING PLANS SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTIONS 624 AND 625 OF THE STANDARD SPECIFICATIONS, THE TRAFFIC CONTROL MANUAL AND APPLICABLE CITY ORDINANCES.
- THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF EXISTING SANITARY, WATER AND STORM SEWER MANHOLES TO THE FINAL FINISH GRADES EXCEPT AS NOTED ON THE CONTRACT DRAWINGS, AND IN ACCORDANCE WITH SECTION 609 OF THE "STANDARD SPECIFICATIONS," AND ANY VERTICAL ADJUSTMENTS OF WATER VALVE BOXES AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONTRACT DRAWINGS.
- REFERENCE IS MADE TO THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR CONSTRUCTION DETAILS. STANDARDS AVAILABLE FROM OWNER.
- NOTICE: GRADING AUTHORIZED ONLY AFTER PERMITTEE'S FULL COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT.

**GRADING NOTES**

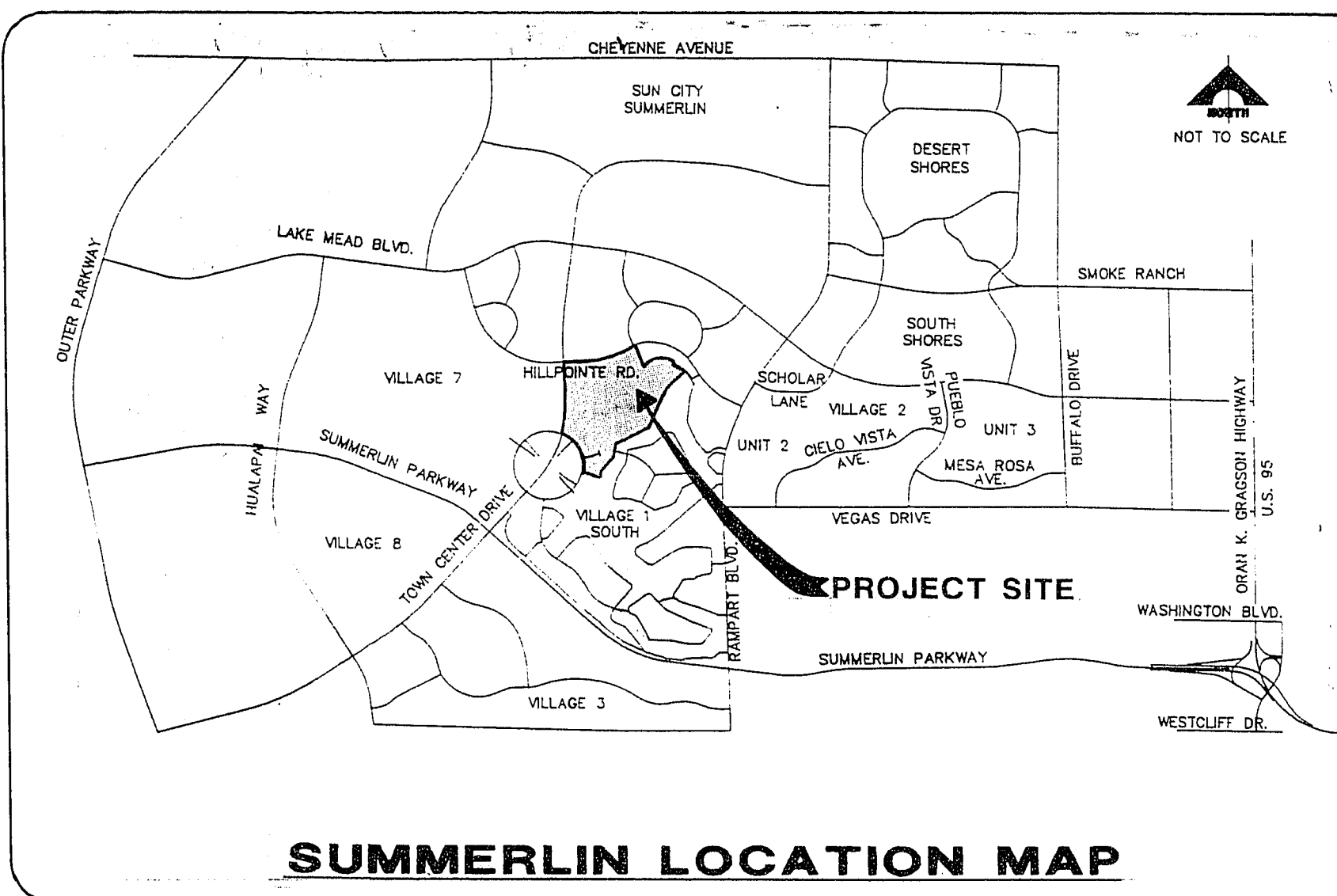
- INDICATED GRADES OTHER THAN T.C., F.G. & GUTTER F.L. ARE ROUGH GRADES (0.3' LOWER THAN FINISHED GRADE).
- THE GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES. THE GRADING SHALL BE FINISHED IN CONFORMANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS. THE GRADING QUANTITIES ARE BASED ON THE ELEVATION AND DETAILS SHOWN ON THE PLANS. ANY DEVIATIONS FROM THE PLANS WILL RESULT IN QUANTITY CHANGES.
- CARE SHALL BE EXERCISED IN GRADING OF REAR YARDS OF CORNER AND "B" TYPE DRAINAGE LOTS.
- ROUGH PAD ELEVATIONS SHALL BE GRADED TO WITHIN 0.1' OF THE PAD ELEVATIONS SHOWN ON THE PLANS WHEN GRADING IS COMPLETE PER THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE LOTS CAN BE INSPECTED. AT THAT TIME THE ENGINEER SHALL ALSO DECIDE IF ANY ADDITIONAL DITCHES OR BERMS ARE REQUIRED. THE CONTRACTOR IS REQUESTED NOT TO REMOVE ANY OF HIS ROUGH GRADING EQUIPMENT UNTIL HE RECEIVES GRADING APPROVAL FROM THE ENGINEER.
- SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES, INC., PROJECT NO. 4126J151, DATED JULY 15, 1986.
- EARTH QUANTITIES:
 

EXCAVATION	C.Y.
FILL	C.Y.

  - THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR SHRINKAGE.
  - THE ABOVE QUANTITIES DO NOT REFLECT USING TYPE 1 GRAVEL BASE MATERIAL FOR STREET SECTIONS.
  - THE ABOVE QUANTITIES DO NOT INCLUDE EARTHWORK TO CONSTRUCT, PERIMETER SWALES, DITCHES & BERMS NOT SHOWN ON THE PLANS.
- CUT FROM TOP OF CURB TO ROUGH GRADING DOES NOT INCLUDE TYPE 1 GRAVEL BASE.
- THE PROPOSED FINISHED FLOOR SHALL BE A MINIMUM OF 0.7' ABOVE ROUGH PAD GRADE.
- ROUGH GRADES IN BACK OF ALL CURBS SHALL BE 0.3' BELOW FINISHED GRADE.

**LEGEND**

- 1 LOT NUMBER
- PAD ELEVATION
- EXISTING PAD ELEVATION
- FUTURE PAD ELEVATION
- FINISH GRADE
- EXISTING ELEVATION
- FUTURE ELEVATION
- ROUGH GRADE ELEVATION
- 2:1 SCARP
- DITCH OR SWALE
- EXISTING CONTOUR
- PAD SET BACK



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**QUANTITIES**

CUT	164,400 CY
FILL	165,800 CY
LANDSCAPE PREPARATION	76,300 CY

NOTE: QUANTITIES SHOWN ARE RAW QUANTITIES. NO ADJUSTMENTS HAVE BEEN MADE FOR SHRINKAGE OR SWELL.

**APPROVALS**

CITY OF LAS VEGAS

*[Signature]* (MAY GRADING ONLY) 8.1.91

**AGENCY REVIEWED BY DATE**

NEVADA POWER CO.		
SOUTHWEST GAS CORP.		
CENTRAL TELEPHONE CO.		
L.V. VALLEY WATER DIST.		

**BASIS OF BEARING**

N 01°32'43" E, IS BASED ON THE NEVADA STATE GRID SYSTEM (EAST ZONE) AS DETERMINED FROM THE TRIANGULATION POINTS "RED ROCK" TO "LOVE MOUNTAIN".

**BENCHMARK**

2" BRASS CAP IN TOP OF HARDSCAPE MONUMENT NO. 11 - PER VILLAGE 1 NORTH & SOUTH MONUMENT CONTROL PLAN DATED JUNE 5, 1990 REVISION NO. 2 ELEVATION 2684.42, C.L.V. DATUM

**Call before you Dig.**

1-800-227-2600

RECOMMENDED BY: *[Signature]* DATE: 8-5-91

DESIGNED BY: *[Signature]* DATE: 8-5-91

CHECKED BY: *[Signature]* DATE: 8-5-91

PROJECT NO. 620-701

DATE APPROVED: 8-5-91

DESCRIPTION: GRADING

JOB NO. 620-701

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G.C. WALLACE, INC.  
Engineering/Architecture

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SUMMERLIN - VILLAGE 1 SOUTH  
EAGLE HILLS

GENERAL NOTES - ABBREVIATIONS & LEGEND

SHEET 2

SHEET 2 OF 11

JOB NO. 620-701-ED

Grid 64 1074-4165