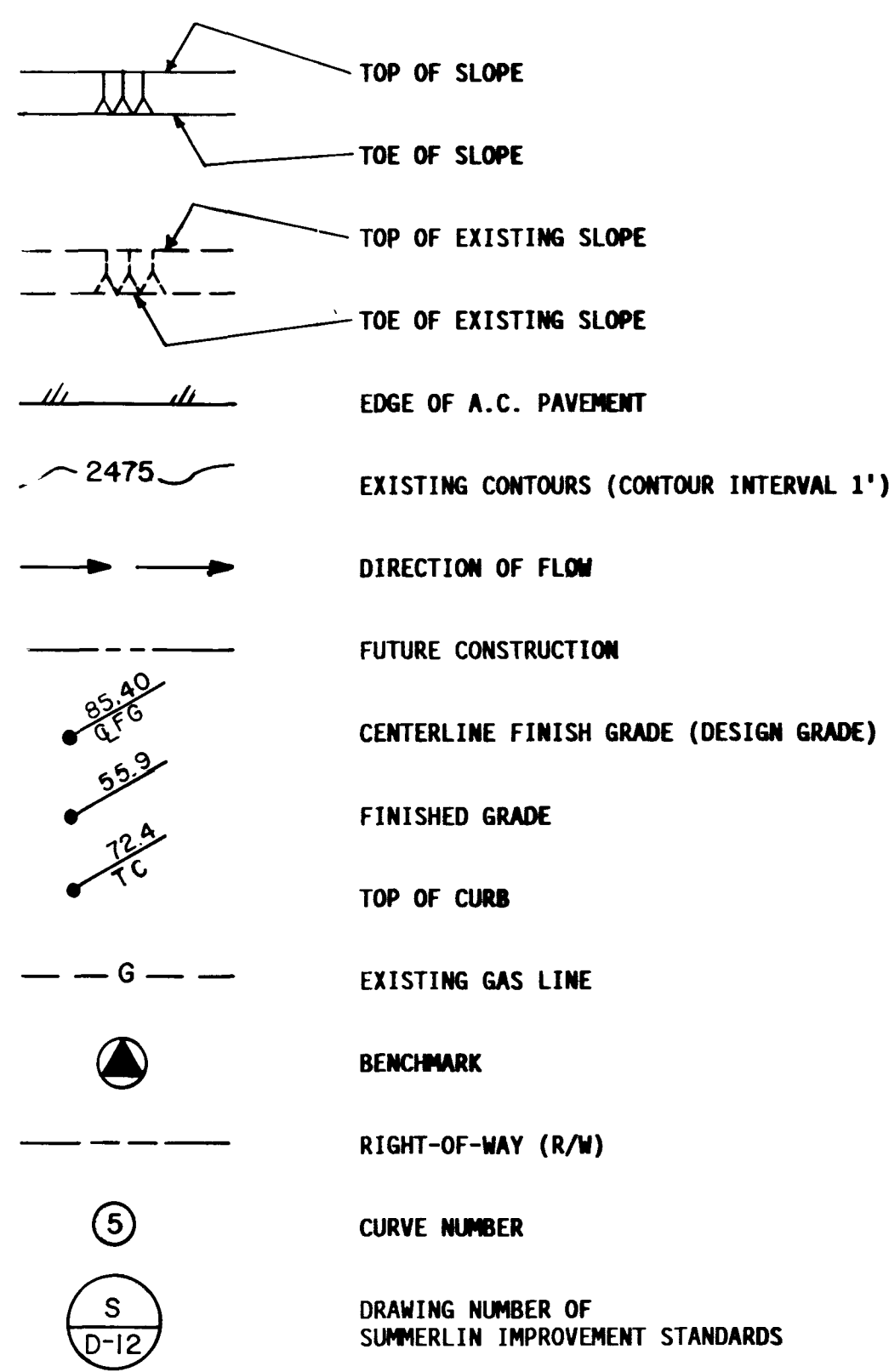


GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH 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 1-800-226-2600
 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 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, LAWNS, 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 SOD 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.
- ROUGH GRADING FOR THESE STREET IMPROVEMENTS HAS BEEN COMPLETED TO THE SECTIONS SHOWN (SEE SHEET 1-23 FOR LIMITS OF ROUGH GRADING, AND SEE VILLAGE 1 NORTH - ROUGH GRADING DESIGN DRAWINGS). THE CONTRACTOR IS RESPONSIBLE FOR STREET IMPROVEMENTS SHOWN, SUCH AS TYPE II BASE, AC PAVEMENT, CURB AND GUTTER, WATER, SEWER, STORM DRAIN, STREETS, ETC. CONCRETE SIDEWALK IS TO BE INSTALLED BY OTHERS.
- THE REQUIRED 3" AC PAVEMENT FOR THIS PROJECT IS TO BE PLACED IN THE FOLLOWING MANNER: 2" FOR THE COMPLETION OF THESE IMPROVEMENTS, INCLUDING TEMPORARY PAVEMENT STRIPING AS SHOWN; 1" AC PAVEMENT (OVERLAY) IS TO BE BONDED SEPARATELY AND INSTALLED AT THE DISCRETION (APPROVAL) OF THE CLV ENGINEER, AT THE COMPLETION OF INTERIOR PARCEL DEVELOPMENT. THIS 1" OVERLAY IS NOT PART OF THIS CONTRACT.

LEGEND



ABBREVIATIONS

A.C.	ASPHALTIC CONCRETE	N.D.O.T.	NEVADA DEPARTMENT OF TRANSPORTATION
B.C.	BACK OF CURB	N.P.C.	NEVADA POWER COMPANY
B.C.R.	BACK OF CURB RADIUS	NORTH	NORTH
BLVD.	BOULEVARD	N.I.C.	NOT IN CONTRACT
BVC	BEGIN VERTICAL CURVE	N.T.S.	NOT TO SCALE
C.B.	CATCH BASIN	NO. #	NUMBER
CTR.	CENTER	O.A.	OVERALL
	CENTERLINE FINISH GRADE	O.C.	ON CENTER
	CITY OF LAS VEGAS	OPM	OPENING
C.L.V.	CLEAR	PARSONY	PARSONY
CLR.	CONCRETE	P.T.	POINT, POINT OF TANGENCY
CONC.	CORRUGATED METAL PIPE	P.C.C.	POINT OF COMPOUND CURVE
C.H.P.	CULVERT	P.C.	POINT OF CURVATURE
C.V.L.V.	CURB & GUTTER	P.I.	POINT OF INTERSECTION
C. & G.	DELTA	P.V.C.	POINT OF INTERSECTION VERTICAL CURVE
	DESIGN GRADE	P.R.C.	POINT OF REVERSE CURVE
D.G.	DETAIL	Q	PROPERTY LINE
DET.	DIAMETER	QTY.	RATE OF FLOW
DIA.	DRAWING	R	QUANTITY
DMG.	DROP TILET	R.	RADIUS
D.I.	EACH WAY	REF.	REFERENCE
E.M.	EAST	R.G.	ROUGH GRADE
EA.	ELEVATION	RT.	RIGHT
E.	END VERTICAL CURVE	R/W	RIGHT-OF-WAY
ELEV.	EDGE PAVEMENT	REINF.	REINFORCING
EVC	EXPANSION	R.C.B.	REINFORCED CONCRETE BOX
E.P.	EXISTING	RCP	REINFORCED CONCRETE PIPE
EXP.	FINISHED GRADE	REQ'D.	REQUIRED
F.G.	FIRE HYDRANT	SECT.	SECTION
F.H.	FLOW LIME	SHT.	SHEET
F.L.	FOOT	SHLDR.	SHOULDER
FT.	GALVANIZED GAS	SIM.	SIMILAR
GALV.	GAS	S.	SOUTH
G.	GRADE BREAK	S.M.G.	SOUTHWEST GAS COMP.
G.B.	HIGH POINT	STD.	SPECIFICATIONS
HP.	HORIZONTAL	STA.	STATION
HORZ.	INFINITY	S.D.	STORM DRAIN
	INSIDE DIAMETER	S.F.	STRUCTURAL
I.D.	INVERT ELEVATION	S.F.	SQUARE FEET
INV.	JOINT	S.Y.	SQUARE YARD
JT.	LATERAL	SYMM.	SYMMETRICAL
LAT.	LEFT	T.	TANGENT
LT.	LENGTH OF ARC	TIRU	THROUGH
L.	LINEAR FEET	T.C.	TOP OF CURB
LF.	LONG	T.M.H.	TOP OF MANHOLE
LE.	LENGTH OF CURVE	TY.	TYPE
LOC.	LOW POINT	TYP.	TYPICAL
LP.	MANHOLE	UTL.	UTILITY
M.H.	MAXIMUM	V.G.	VALLEY GUTTER
MAX.	MISCELLANEOUS	VERT.	VERTICAL CURVE
MISC.	MINIMUM	V.C.	VERTICAL CURVE
MIN.	MIDDLE VERTICAL CURVE	V.G.	VERTICAL GUTTER
MVC		W.	WEST
		W.P.	WORKING POINT

INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	TITLE
1	1	COVER SHEET
2	2	DRAWING INDEX, ABBREVIATIONS & LEGENDS
3	3	ESTIMATE OF QUANTITIES
IMPROVEMENT PLANS		
I-0		KEY MAP, VICINITY MAP & LIST OF DRAWINGS
I-1		MASTER IMPROVEMENT/STORM DRAIN PLAN - VILLAGE 1 NORTH AREA
I-2		MASTER IMPROVEMENT/STORM DRAIN PLAN - VILLAGE 7 NORTH AREA
I-3		PLAN & PROFILE - STREET "A" STA. 400+00 TO 407+00 HILLPOINTE ROAD
I-4		PLAN & PROFILE - STREET "A" STA. 407+00 TO 419+00 HILLPOINTE ROAD
I-5		PLAN & PROFILE - STREET "A" STA. 419+00 TO 431+00 HILLPOINTE ROAD
I-6		PLAN & PROFILE - STREET "A" STA. 431+00 TO 443+00 HILLPOINTE ROAD
I-7		PLAN & PROFILE - STREET "A" STA. 443+00 TO 455+00 HILLPOINTE ROAD
I-8		PLAN & PROFILE - STREET "A" STA. 455+00 TO 467+00 HILLPOINTE ROAD
I-9		PLAN & PROFILE - STREET "A" STA. 467+00 TO 479+00 HILLPOINTE ROAD
I-10		PLAN & PROFILE - STREET "A" STA. 479+00 TO 486+72.47 HILLPOINTE ROAD
I-11		PLAN & PROFILE - STREET "B" STA. 100+00 TO 107+00 PINWOOD HILLS DRIVE
I-12		PLAN & PROFILE - STREET "B" STA. 107+00 TO 119+00 PINWOOD HILLS DRIVE
I-13		PLAN & PROFILE - STREET "B" STA. 119+00 TO 131+00 GLENSIDE DRIVE
I-14		PLAN & PROFILE - STREET "B" STA. 131+00 TO 135+51.91 GLENSIDE DRIVE
I-15		PLAN & PROFILE - STREET "C" STA. 50+00 TO 54+00 SPRINGFIELD STREET
I-16		PLAN & PROFILE - STREET "C" STA. 54+00 TO 62+45.37 SPRINGFIELD STREET
I-17		PLAN & PROFILE - STREET "C" STA. 30+00 TO 34+00 GREENSPRING STREET
I-18		PLAN & PROFILE - STREET "C" STA. 34+00 TO 44+58.06 GREENSPRING STREET
I-19		PLAN & PROFILE - STREET "C" STA. 200+00 TO 210+00 GREENSPRING STREET
I-20		PLAN & PROFILE - STREET "C" STA. 210+00 TO 220+40.00 SPRING GATE LANE
I-21		PLAN & PROFILE - STREET "C" STA. 10+00 TO 20+00 RIDGEMOOR STREET
I-22		PLAN & PROFILE - STREET "C" STA. 20+00 TO 25+30.20 RIDGEMOOR STREET
I-23		STREET SECTIONS
I-24		DRAINAGE DETAILS/PROFILES
I-25		DRAINAGE DETAILS/PROFILES
I-26		BOX CULVERT DETAILS/PROFILES

QUANTITIES

SEE SHEET 3

RECORD DRAWINGS

THESE PLANS SHOW RECORD INFORMATION RECEIVED FROM:
 CONTRACTOR: SOUTHERN NEVADA PAVING/TAB
 DATE: 6-18-90

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

Avoid cutting underground utility lines. It's costly.

Call before you Dig.
 1-800-227-2600

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 IN 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

STORM DRAIN, CURB & GUTTER, APPROVALS AND PAVEMENT

CITY OF LAS VEGAS
 CITY ENGINEER: [Signature] DATE: 8-21-89
 LAS VEGAS VALLEY WATER DISTRICT DATE:

AGENCY	REVIEWED BY:	DATE
NEVADA POWER CO.	[Signature]	7/1/89
SOUTHWEST GAS CORP.	[Signature]	7/1/89
CENTRAL TELEPHONE CO.	[Signature]	7/14/89

HOWARD HUGHES PROPERTIES
 VILLAGE 1 NORTH IMPROVEMENTS
 GENERAL NOTES, ABBREVIATIONS & LEGEND
 SHEET 2 OF 29 SHEETS
 1890
 15341
 107-11695

JOB NO. 620.3149

