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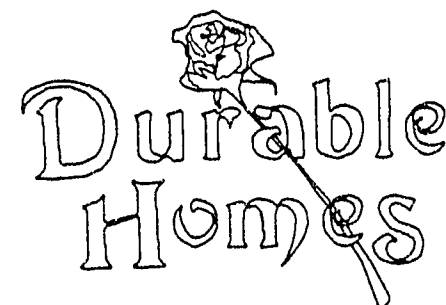
CITY OF LAS VEGAS GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE 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. DEVIATIONS FROM STANDARDS ARE AS SHOWN BELOW. -- SEE [***].
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS. 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 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 CITY ENGINEER AND UTILITY COMPANY WHERE APPLICABLE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT BACKFILL ANY TRENCHES IN WHICH WATERLINES HAVE BEEN UNCOVERED UNTIL THE WATERLINES HAVE BEEN INSPECTED BY THE LAS VEGAS VALLEY WATER DISTRICT. THE WATER DISTRICT SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION IN THE VICINITY OF WATER LINES.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY ALTERATIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFFSITE 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.
- THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL 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.
- 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 TOP OF ALL GUTTERS OR VALLEY GUTTERS AFTER COMPACTION.
- APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
- CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- WHEELCHAIR 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.
- 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.
- 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 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 VALLEY GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY.

CITY OF LAS VEGAS FIRE DEPT. NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS", AND ORDINANCE NO. 3545.
- AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
A - KENNEDY GUARDIAN
B - MUELLER A-423 CENTURION
C - CLOW MODEL 2546 MEDALLION
- ON ANY NEW HOME OR BUILDING INSTALLATION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES, AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
- CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANT AS REQUIRED IN ORDINANCE NO. 3545 TO IDENTIFY FIRE HYDRANT LOCATIONS.
- CALL THE LAS VEGAS BUILDING DEPARTMENT AT 229-2071 FOR UNDERGROUND INSPECTION, PRESSURE AND FLUSH VERIFICATION OF ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
- PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE NO. 3545 SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR ON-SITE WATER LINE AND FIRE HYDRANT. THE PERMIT AND CONTRACTORS MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER PRIOR TO ANY WORK BEGINNING.
- A FLOW TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT PRIOR TO OCCUPANCY FOR VERIFICATION OF REQUIRED ON-SITE WATER SUPPLY.
- ALL ON-SITE FIRE MAIN MATERIALS MUST BE U.L. LISTED AND F.M. APPROVED.
- FIRE HYDRANT SPACING:
RESIDENTIAL - 500 FEET UNSPRINKLERED, 600 FEET SPRINKLERED
COMMERCIAL, INCLUDING MULTI-FAMILY - 300 FEET UNSPRINKLERED, 400 FEET SPRINKLERED.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20 FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN 5' OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT, OR ANY OTHER OBSTRUCTION.
- NOT MORE THAN 2 HYDRANTS CAN BE OUT OF SERVICE DUE TO A SINGLE MAIN BREAK.
- THE TURNING RADIUS OF ANY FIRE APPARATUS ACCESS ROAD AND/OR FIRE LANE, PUBLIC OR PRIVATE SHALL BE NOT LESS THAN 45 FEET OUTSIDE RADIUS AND 22 FEET INSIDE RADIUS.
- A FIRE APPARATUS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 150 FEET FROM A FIRE DEPARTMENT VEHICLE ACCESS. (SEE EXCEPTIONS IN U.F.C. 88, SECTION 10.207).
- ALL DEAD END FIRE APPARATUS ACCESS ROADS AND/OR FIRE LANES PUBLIC OR PRIVATE IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURNAROUND AREA. SEE ORDINANCE NO. 3545.

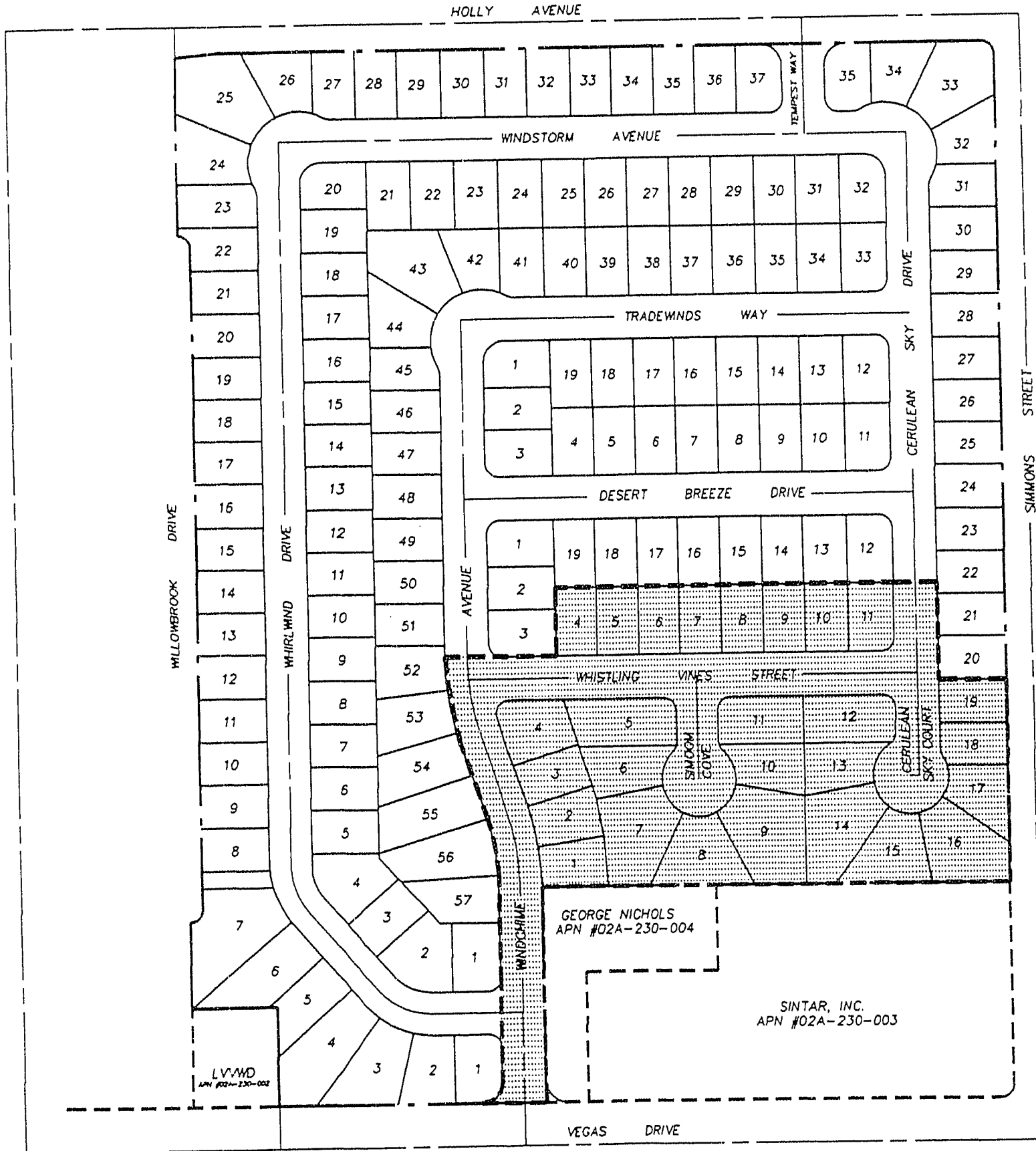
WINDCHIME RESIDENTIAL SUBDIVISION PHASE 1



BEING A PORTION
OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 20,
TOWNSHIP 20 SOUTH, RANGE 61 EAST

DEVELOPER

DURABLE HOMES
2800 WEST SAHARA #8E
LAS VEGAS, NV 89102
(702) 362-2000



KEY MAP

*** DEVIATIONS FROM STANDARDS

CLARK COUNTY AREA STD. DWG. NUMBER	DEVIATION DESCRIPTION	SHEETS AFFECTED
207	4.5' SIDEWALK WIDTH	3, 4, 5, 6, 7, 8, 9
207	50' RIGHT-OF-WAY WIDTH	2, 3, 4, 5, 6, 7, 8, 9

CITY OF LAS VEGAS SEWER NOTES

- ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
- CHISEL "S" OR "O" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL.
- ALL MANHOLES IN PAVED STREETS HAVING A RIGHT-OF-WAY OF 80 FEET OR LARGER SHALL HAVE CONCRETE COLLARS.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" IN DIAMETER. CONNECTIONS TO 15" OR LARGER SIZED MAINS SHALL REQUIRE SPECIAL PROCEDURES.
- A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18 INCHES UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.

QUANTITIES

ITEM	QUANTITY
B" P.V.C.	1,317 L.F.
6" P.V.C.	356 L.F.
F.H. ASSEMBLY	3 EA.
B" G.V.	3 EA.
6" G.V.	3 EA.
24" x 8" KOPPL TAPPING SLEEVE	1 EA.
16" x 8" TAPPING SLEEVE	1 EA.
B" x 8" TEE	1 EA.
8" x 6" TEE	1 EA.
6" x 6" TEE	1 EA.
8" 11/4" BEND	1 EA.
8" x 6" REDUCER	1 EA.
B" CAP	4 EA.
6" CAP	2 EA.
2" B.O. ASSEMBLY	2 EA.
2" AIR RELEASE ASSEMBLY	3 EA.
WATER SERVICES WITH 5/8" METERS	35 EA.
B" TAPPING VALVE	1 EA.

ITEM	QUANTITY
10" P.V.C.	1,148 L.F.
8" P.V.C.	1,109 L.F.
4" P.V.C.	945 L.F.
MANHOLES	12 EA.
CONC. ENCASEMENT	268 EA.
B" PLUG	3 L.F.

ITEM	QUANTITY
4" A.C. PAVEMENT	87 S.Y.
3" A.C. PAVEMENT	3,912 S.Y.
2" A.C. PAVEMENT	6,051 S.Y.
TYPE I AGG. BASE	1,469 C.F.
TYPE II AGG. BASE	1,847 C.F.
"L" TYPE CURB & GUTTER	3,945 L.F.

4" CONC. SIDEWALK	14,509 S.F.
CONC. VALLEY GUTTER	2,552 S.F.
STREET LIGHTS	10 EA.
CONC. MEDIAN	100 S.F.

APPROVALS

[Signature] 6-11-92
CITY OF LAS VEGAS ENGINEER
DENNIS ANDERSON, P.E.
DATE

[Signature] 5/15/92
LAS VEGAS VALLEY WATER DISTRICT
GEORGE A. JACOBSON
DATE

[Signature] 5/16/92
NEVADA POWER COMPANY
DATE

[Signature] 05/06/92
SOUTHWEST GAS CORPORATION
DOUGLAS E. GAPP
DATE

[Signature] 5/5/92
CITY OF LAS VEGAS FIRE MARSHALL
RICHARD A. BRENNER
DATE

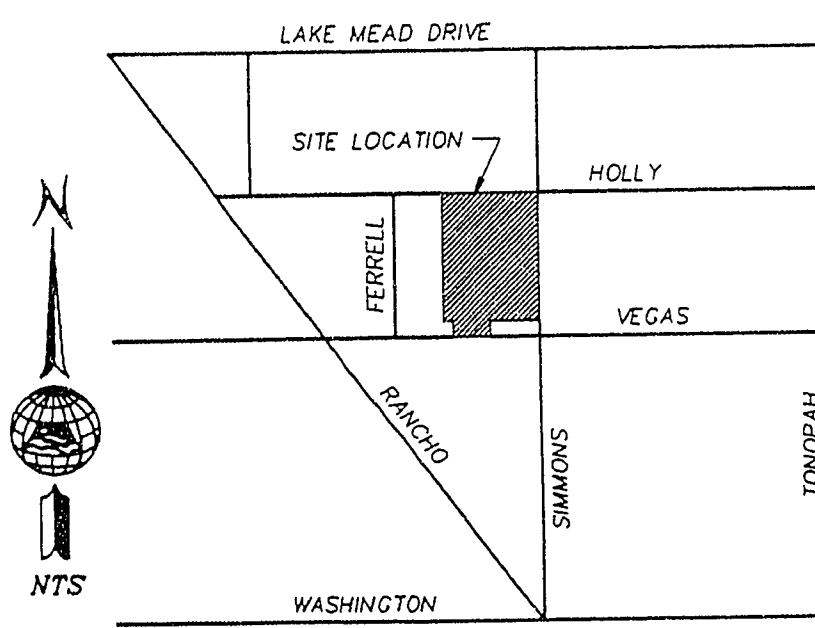
[Signature] 6-16-92
CENTEX
STEVEN G. TURNER
DATE

INDEX TO DRAWINGS

- COVER SHEET
- SITE DIMENSION PLAN
- MASTER GRADING PLAN
- GRADING PLAN - PHASE 1
- UTILITY PLAN - PHASE 1
- OFFSITE UTILITY PLAN
- PLAN AND PROFILE, WINDCHIME AVENUE
- PLAN AND PROFILE, WHISTLING VINES STREET
- PLAN AND PROFILE, SIMOOM COVE and CERULEAN SKY DRIVE
- PLAN AND PROFILE, SIMMONS DRIVE
- PLAN AND PROFILE, SIMMONS DRIVE
- SECTIONS AND DETAILS

LEGEND

SECTION OR DETAIL IDENTIFIER	SECTION OR DETAIL IDENTIFIER	SECTION OR DETAIL IDENTIFIER
A - 1" = 1'	T.C. TOP OF CURB	FIRE HYDRANT
F.L. FLOW LINE	F.G. FINISHED GRADE	MANHOLE
B.C.R. BACK OF CURB RETURN	A.C. ASPHALTIC CONCRETE	CLEANOUT
TYP. TYPICAL	EX. EXISTING	GATE VALVE
CENTERLINE	PROPERTY LINE	STREET NAME SIGN
TOP OF WALL	FINISHED FLOOR	STOP SIGN (R1-1)
ON CENTER	C.C. CENTER TO CENTER	STREET LIGHT
CONCRETE MASONRY UNIT		BLOCK NUMBER
		PROPOSED ROADWAY GRADES
		PROPOSED GRADES
		2 : 1 SLOPE MAX.
		FINISHED PAD GRADE



VICINITY MAP

BENCHMARK

SET DRIVE RIVET IN A 2"x2" ALUMINUM PLATE, IN DRILLED HOLE WITH EPOXY GLUE, IN TOP OF CURB, NORTHEAST CORNER OF VEGAS DR. & RANCHO DR. NEAR THE PC OF RANCHO DR.
ELEV: 2114.749

Date	
Appr.	
Date/Int.	
REVISIONS	
No.	
Church Engineering of Nevada, Inc. 6600 W. Charleston Blvd. Suite 100 Las Vegas, NV 89102 (702) 878-0244	
Consulting Engineers Planners Surveyors	
WINDCHIME PHASE 1	
COVER SHEET	
Drawn by Scale 7089.401	AS SHOWN
Checked by JBC	File No.
Sheet Number 1 OF 12	Date JUNE 9, 1992

