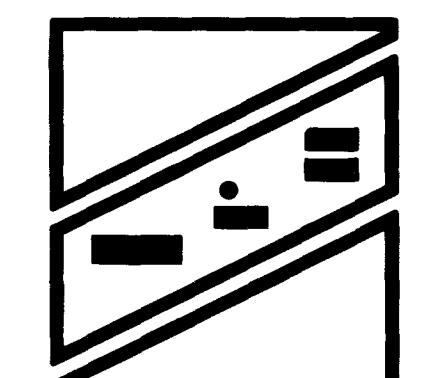


13-2-140



DESIGNED BY:	DR	DRAWN BY:	REO	CHKD BY:	
JOB NUMBER:	408-003-922	DATE:	8-18-83		
NO.	REVISION	DATE	APPL		
1	ADD'D ON-SITE MANHOLE	9/2/83			
2	REMOVED EXIST. 36" R/W	9/2/83			
3	ADDED 42" R/W	9/2/83			

L.R. NELSON
CONSULTING ENGINEERS
6075 SOUTH EASTERN AVENUE
LAS VEGAS, NEVADA 89119
(702) 798-7978

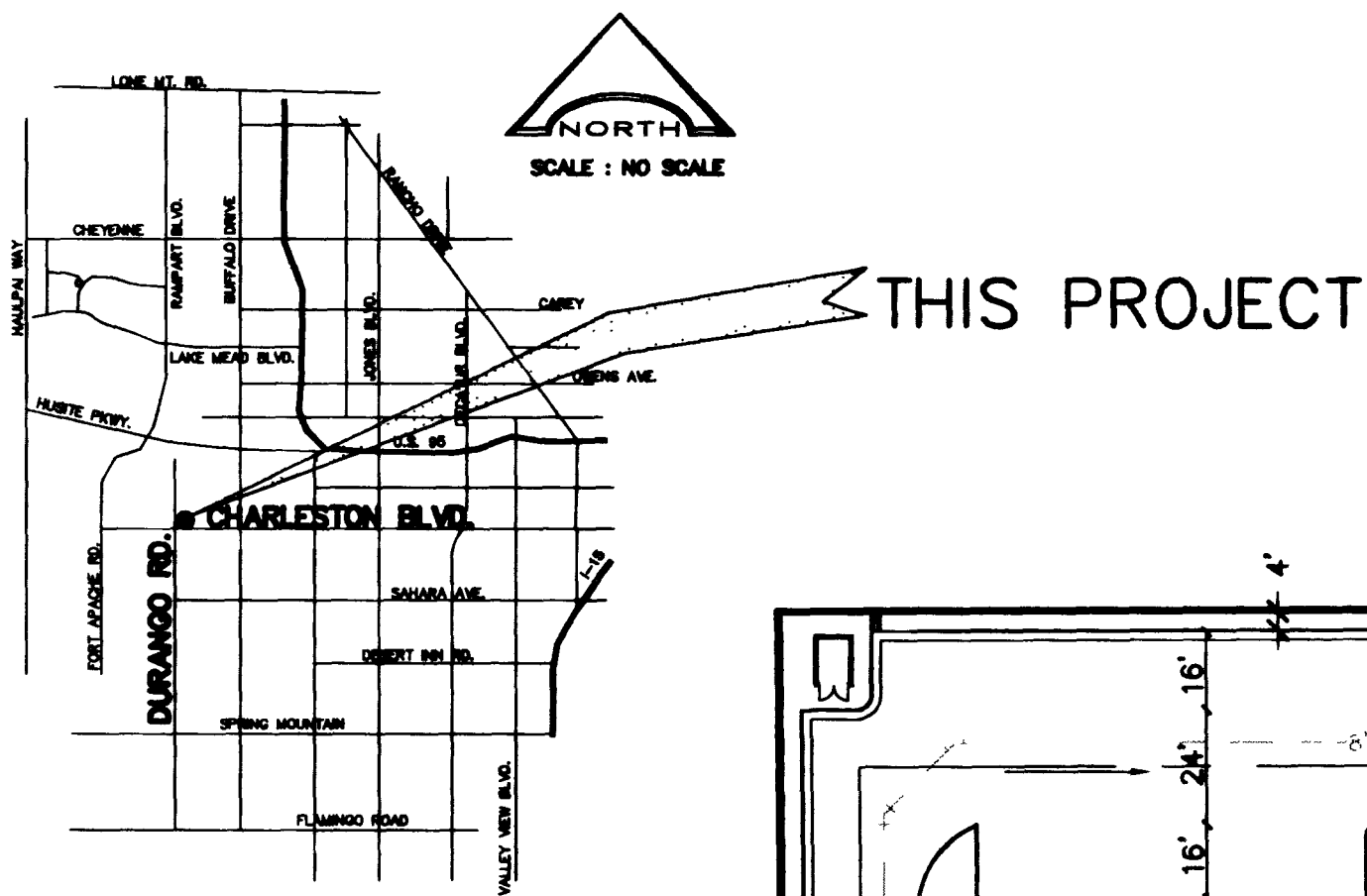


SEWER PLAN
ANGEL COURT CONDOMINIUMS
SUNGATE DEVELOPMENT COMPANY
CITY OF LAS VEGAS
NEVADA

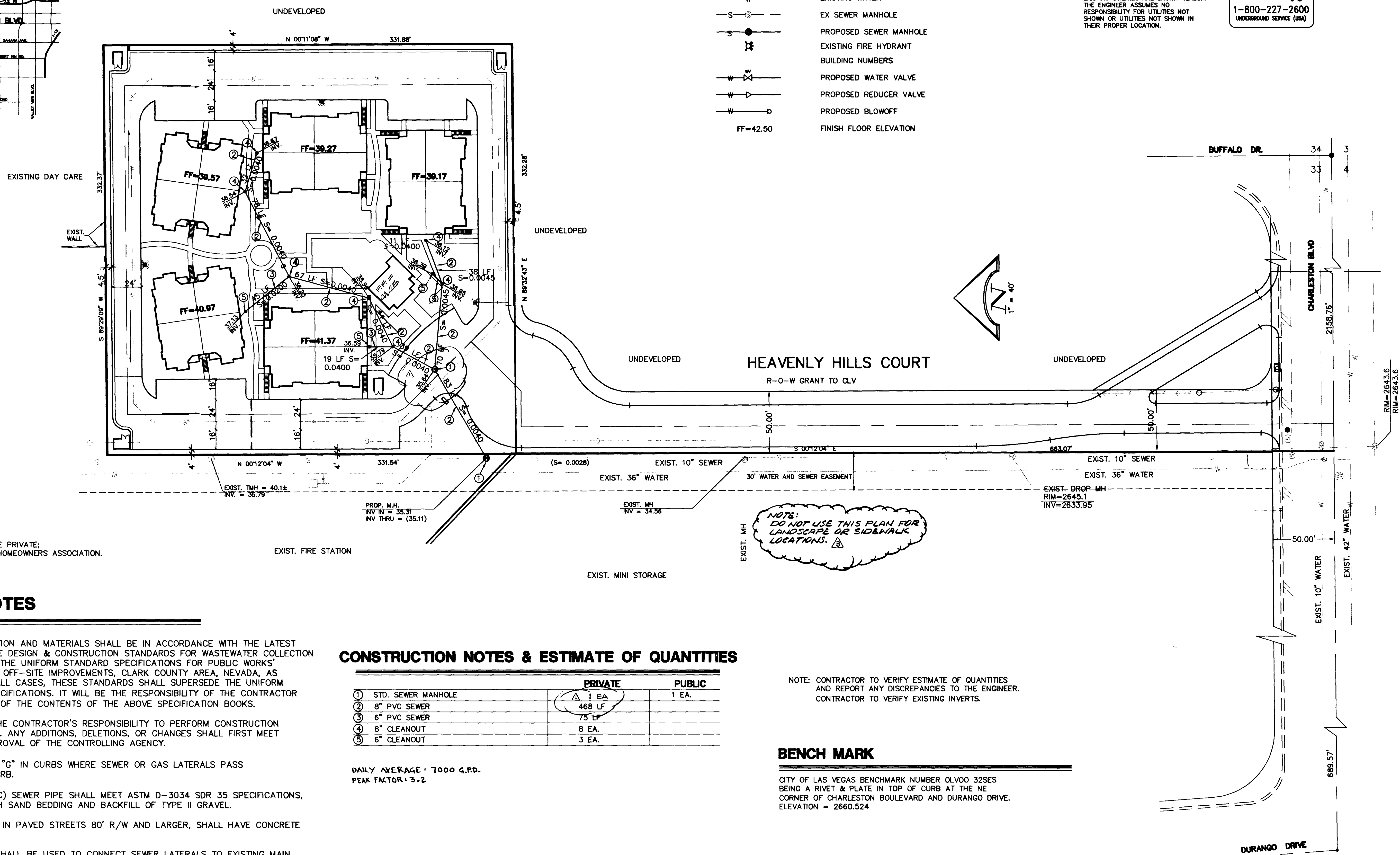
SHEET NUMBER
3
OF 6 SHEETS

107-V2151

DRAWING NAME: DC-SEW2
LATEST REVISION DATE:



THIS PROJECT



UTILITY LEGEND

— W —	PROPOSED WATER
— S —	PROPOSED SEWER
— S —	EXISTING SEWER
— W —	EXISTING WATER
— S —	EX SEWER MANHOLE
— S —	PROPOSED SEWER MANHOLE
— S —	EXISTING FIRE HYDRANT
— S —	BUILDING NUMBERS
— W —	PROPOSED WATER VALVE
— W —	PROPOSED REDUCER VALVE
— W —	PROPOSED BLOWOFF
FF=42.50	FINISH FLOOR ELEVATION

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

NOTE:
ALL ONSITE SEWERS ARE PRIVATE;
TO BE MAINTAINED BY HOMEOWNERS ASSOCIATION.

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 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 EITHER OVER A WATER MAIN OR LESS THAN 18" 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.
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.

CONSTRUCTION NOTES & ESTIMATE OF QUANTITIES

	PRIVATE	PUBLIC
1 STD. SEWER MANHOLE	1 EA.	1 EA.
2 8" PVC SEWER	468 LF	
3 6" PVC SEWER	75 LF	
4 8" CLEANOUT	8 EA.	
5 6" CLEANOUT	3 EA.	

DAILY AVERAGE : 7000 G.P.D.
PEAK FACTOR : 3.2

NOTE: CONTRACTOR TO VERIFY ESTIMATE OF QUANTITIES
AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
CONTRACTOR TO VERIFY EXISTING INVERTS.

BENCH MARK

CITY OF LAS VEGAS BENCHMARK NUMBER 0LV00 32SES
BEING A RIVET & PLATE IN TOP OF CURB AT THE NE
CORNER OF CHARLESTON BOULEVARD AND DURANGO DRIVE.
ELEVATION = 2660.524

APPROVALS

DATE

408-003-922

