

Memorandum

Department of Public Works
City Engineer Division
Survey Section
333 North Rancho Dr., 8th Floor
Las Vegas, Nevada 89106
Phone (702) 229-6217
Fax (702) 804-8582

To: Michael Cunningham, Manager
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

C: James T. Stovall, PLS
Taney Engineering
Oh-Sang Kwon, P.E., Engineering Project Manager
Flood Control Section

Date: May 19, 2016

Re: Storm Drain Final Location Map
SUMMERLIN VILLAGE 23B - PARCEL Z ALLEGRA PHASE 1
(Drawing No. 107Y5026-1, L-Civil No. 58517)

The Survey Section has reviewed the Final Location Map and as far as our jurisdiction of this project is concerned, we find that the map is:

Acceptable: May 19, 2016


Signature

City Surveyor
Title

Public Works/Survey
Department/Division

ARR/OS:js



City of Las Vegas
Department of Public Works
Survey Section

REVIEW CHECKLIST
STORM DRAIN
FINAL LOCATION MAP

JOB NUMBER H58517 SD2
PROJECT NAME SUMMERLIN VILLAGE 23B - PARCEL Z ALLEGRA PHASE 1
WORK AUTH. NO. P28000
SUBMITTED BY Taney Engineering
PROJECT TYPE CIP ☐ Land Dev ☐ Street Rehab ☐
DATE 5/19/16
REVIEWED BY D. SANTANA

REVIEW DETERMINATION

- ☒ Approved
☐ Not Acceptable

TO BE RE-SUBMITTED

- ☐ Two bond copies (no mylar)
☐ Electronic media with comma-separated coordinate file

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Submittal Contents				
Two bond copies (no mylar)	☒	☐	☐	
Electronic media containing comma-separated coordinate file	☒	☐	☐	
General Map Contents				
Sheet size 24" x 36"	☐	☐	☐	
Sheet number and number of sheets	☐	☐	☐	
North arrow (pointing up, left or right)	☐	☐	☐	
Scale (written & graphic, correctly shown, appropriate scale used)	☐	☐	☐	
Lettering legibility (minimum text size 0.08")	☐	☐	☐	
Map title shown ("Storm Drain Final Location Map")	☐	☐	☐	
CLV project name shown	☐	☐	☐	
CLV Hansen No. shown	☐	☐	☐	
CLV Drawing No. shown	☐	☐	☐	
Preparer's company name and contact information shown	☐	☐	☐	
Legend (all linetypes and symbols defined)	☐	☐	☐	
Non-standard abbreviations defined	☐	☐	☐	
Distances, coordinates and elevations labeled using decimal feet	☐	☐	☐	
Approximate limits of streets shown (improvements or right-of-way)	☐	☐	☐	
Street names labeled (identified as public or private)	☒	☐	☐	

REVIEW CHECKLIST – STORM DRAIN FINAL LOCATION MAP

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Storm Drain Improvements Data				
*NOTE As of December 1, 2015 manhole cover locations are no longer required.				
Manhole Barrel/Base: (measured horizontally at centerline of barrel/base structure, vertical location does not apply)	☒	☐	☐	
Drop Inlets (measured horizontally at back of curb at each outer extent of box, vertically at top of curb)	☒	☐	☐	
Vaults and Junction Structures (measured horizontally at all outer extents of structure, vertically at top of structure)	☒	☐	☐	
Pipes and RCB's: locate at all connections to other pipes and structures, all horizontal and vertical deflections, points of termination (stubs), point at which pipe/RCB exits the public right-of-way or easement (measured horizontally at centerline of pipe/RCB, vertically at top of pipe/RCB)	☒	☐	☐	
*NOTE All pipe connections to manholes and other structures should be located at outside face of structure before backfilling due to accuracy limitations of pipe measurements from the structure's surface access point.				
Coordinate Information				
Data acquisition completion date indicated	☒	☐	☐	
Coordinate system indicated (only CLV approved coordinate systems are to be used)	☒	☐	☐	
Horizontal datum, datum adjustment, and epoch date indicated (only CLV approved datums are to be used)	☒	☐	☐	
Benchmark ID, description, elevation indicated	☒	☐	☐	
Statement of positional accuracy per the tolerances indicated below	☒	☐	☐	
*NOTE For all projects with improvement plans approved prior to March 1, 2015 coordinates provided must be accurate to within ± 0.5 feet horizontally and vertically. For all projects with improvement plans approved after March 1, 2015 coordinates provided must be accurate to within ± 0.3 feet horizontally and vertically.				
Coordinate accuracy QA/QC (when available)	☐	☐	☐	

ADDITIONAL COMMENTS

SUMMERLIN VILLAGE 23B - PARCEL Z ALLEGRA - PHASE 1 AS SHOWN IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN BOOK 149, PAGE 74 OF PLATS, LYING WITHIN THE NORTH HALF (N 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

THE BASIS OF BEARINGS IS GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 115°35' WEST OF THE GREENWICH MERIDIAN.

CITY OF LAS VEGAS BENCHMARK 5LV0926W6, RIVET AND ROUND PLATE
IN TOP OF CURB AT SOUTHEAST CORNER OF CARRIAGE HILL DRIVE AND
FAR HILLS ROAD

ELEV. = 3229.29 FEET/984.288 METERS (NAVD88) 2008 CLV ADJUSTMENT

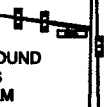
A map showing the location of the Project Site. The site is a shaded, irregularly shaped area. It is bounded by Sky Vista Drive to the northwest, Fox Hill Drive to the southwest, and Antelope Ridge Drive to the south. Par Hills Avenue runs east-west to the north of the site. A north arrow is located in the upper right corner of the map.

(IN FEET)
1 inch = 40 ft.

AC	ASPHALTIC CONCRETE	N	NORTH
BC	BACK OF CURB	NTS	NOT TO SCALE
BCR	BACK OF CURB RADIUS	OC	ON CENTER
BM	BENCHMARK	OR	OFFICIAL RECORDS OF CLARK COUNTY
BW	BENCH MARK	PB	PULL BOX
CV	VERTICAL CURVE	PC	POINT OF CURVE
CE	CABLE TELEVISION	PCC	POINT OF COMPOUND CURVE
CC	CLARK COUNTY	PI	POINT OF INTERSECTION
CE	CENTERLINE	PL	PROPERTY LINE
CLV	CITY OF LAS VEGAS	PLT	PLATE
CH	CITY OF NORTH LAS VEGAS	PCC	POINT OF CONNECTION
CHL	CHALKOUT, SENER	PP	POWER POLE
CO	CITY OF HENDERSON	PRC	POINT OF REVERSE CURVE
CU	CURB/VAULT	PT	POINT OF TANGENCY
CS	CONSTRUCTION AND COLLECTION STANDARDS OF WATER WASTE COLLECTION SYSTEMS	PV	POLYVINYL CHLORIDE
DG	DESIGN GRADE	R	RADIUS
DI	DRAIN INLET	ROB	REINFORCED CONCRETE BOX
DP	DUCTILE IRON PIPE	ROB	REINFORCED CONCRETE PIPE
DR	DRAIN	RW	RIGHT-OF-WAY
EL	ELEVATION	RT	RIGHT
EC	END OF CURVE	SD	STORM DRAIN
EP	EDGE OF PAVEMENT	STLT	STREETLIGHT
EV	END OF VERTICAL CURVE	SNWA	SOUTHERN NEVADA WATER AUTHORITY
EX	EXISTING	SS	SANITARY SEWER
EXC	EXISTING	ST	STATION
FE	FINISH FLOOR ELEVATION	STD	STANDARD
FG	FINISH GRADE	SVZ	SIGHT VISIBILITY ZONE
FI	FINISH GRADE	SW	SEWALAK
FM	FINISH HYDRANT	TC	TOP OF CURB
FL	FLOW LINE	TF	TOP OF FOOTING
FE	FEET	TR	TOP OF RETAINING
GB	GRADE BREAK	TW	TOP OF WALL
GEFF	GARAGE FINISH FLOOR	TY	TYPE
HP	HIGH POINT	UDMCS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
IN	INVERT	UCD	UNIFORM STANDARD DRAINING
LAT	SEWER LATERAL	VC	VERTICAL CURVE
LF	LINEAR FEET	VSP	VITRIFIED CLAY PIPE
LVWD	LAS VEGAS VALLEY WATER DISTRICT	VG	VALVE GUTTER
MAX	MAXIMUM	W	WATER
MN	MANHOLE	WZ	ZERO LIFT CURB
MIN	MINIMUM		

SUBDIVISION BOUNDARY	
CENTERLINE	
RIGHT-OF-WAY/LOT LINE	
REINFORCED CONCRETE PIPE	
DROP INLET WITH CONCRETE APRON	
DROP INLETS AT CURB	
36"x36" PRECAST DROP INLET	

AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS
AND STREET LIGHT SYSTEM
CONDUITS. IT'S COSTLY.



Call
before you

UnderGround

1-702-455-6000

CLARK COUNTY TRAFFIC OPERATIONS

1-702-229-6611

LAS VEGAS AREA COMPUTERIZED
TRAFFIC SYSTEM

FAST
Call
before you
Underground
1-702-432-5300
FREEWAY & ARTERIAL
SYSTEM OF TRANSPORTATION



AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY

CALL BEFORE YOU DO OVERHEAD

1-702-227-2929

Call Before You Dig
 AVOID CUTTING UNDERGROUND
 UTILITY LINES. IT'S COSTLY.
CALL

 OR
1-800-227-2600
 AND
CLARK COUNTY TRAFFIC OPERATIONS
1-800-455-6000

I, JAMES T. STOVALL, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF NEVADA AS AGENT FOR TANEY ENGINEERING, INC., DO HEREBY CERTIFY THAT:

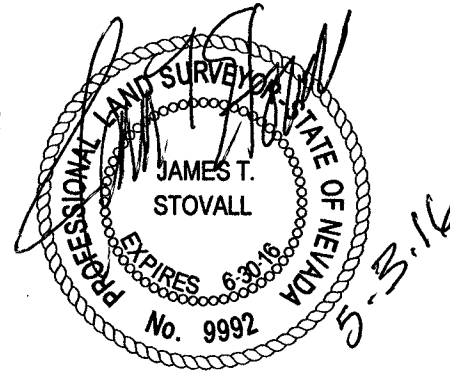
1. THIS PLAT REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION AT THE INSTANCE OF WILLIAM LYON HOMES.

2. THE LANDS SURVEYED LIE WITHIN THE NORTH HALF (N 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA. THE SURVEY WAS COMPLETED ON APRIL 4, 2016.

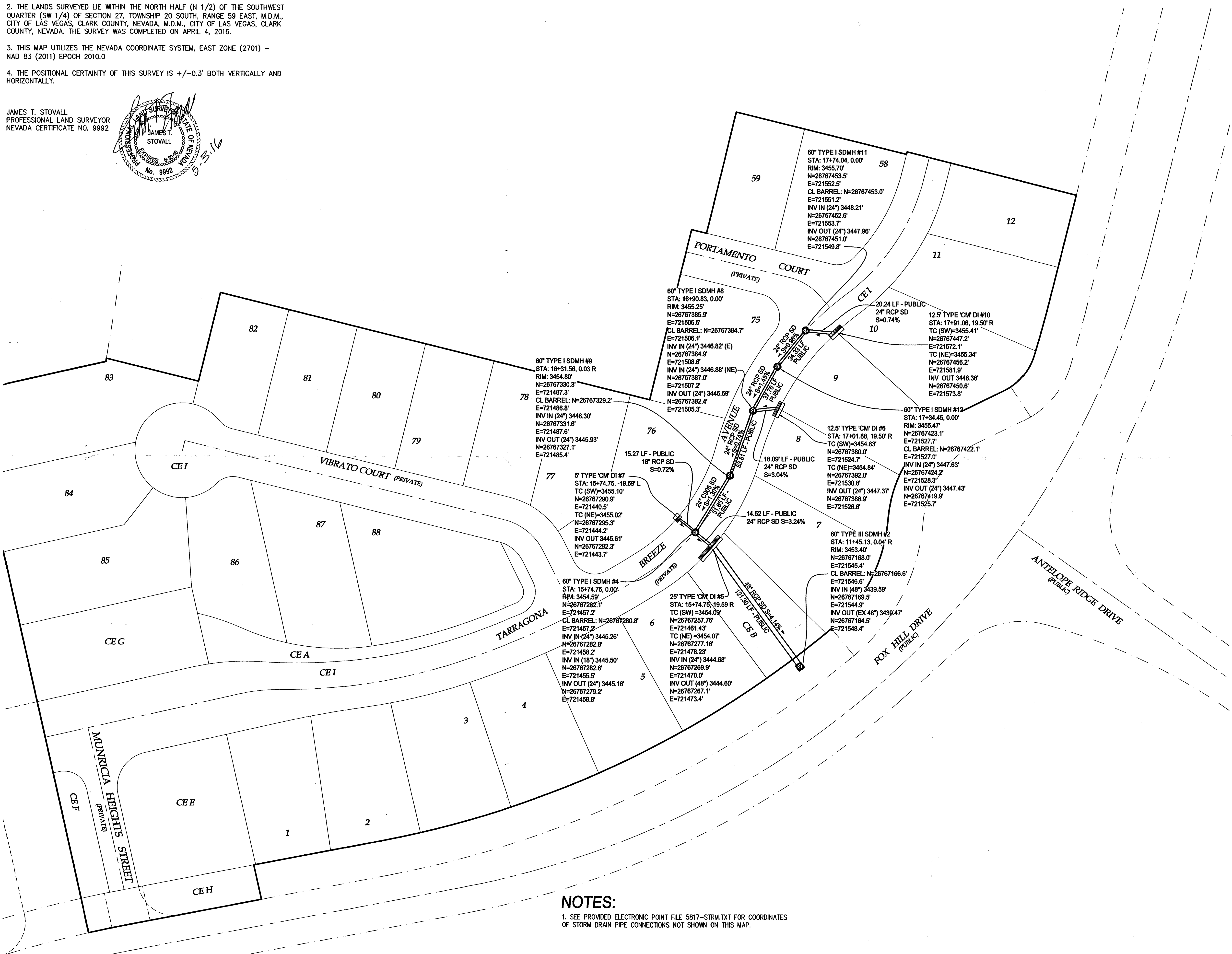
3. THIS MAP UTILIZES THE NEVADA COORDINATE SYSTEM, EAST ZONE (2701) – NAD 83 (2011) EPOCH 2010.0

4. THE POSITIONAL CERTAINTY OF THIS SURVEY IS $\pm 0.3'$ BOTH VERTICALLY AND HORIZONTALLY.

JAMES T. STOVALL
PROFESSIONAL LAND SURVEYOR
NEVADA CERTIFICATE NO. 9992



SUMMERLIN VILLAGE 23B - PARCEL Z ALLEGRA - PHASE 1



1. SEE PROVIDED ELECTRONIC POINT FILE 5817-STRM.TXT FOR COORDINATES OF STORM DRAIN PIPE CONNECTIONS NOT SHOWN ON THIS MAP.

[illegible]

WILLIAM LYON HOMES
500 PILOT ROAD, SUITE G
LAS VEGAS, NV 89119
(702) 263-8200 FAX: (702) 263-8220



**SUMMERLIN VILLAGE 23B - PARCEL Z
ALLEGRA - PHASE 1
A COMMON INTEREST COMMUNITY**

STORM DRAIN FINAL LOCATION MAP

ENGINEER'S SEAL

DATE: 4-4-16

SCALE: 1"= 40'

JOB NO: WLL 14095

DRAWN BY: E0

CHECKED BY: JTS

SHEET NAME: LIT

01

1 OF 1

CLV DRAWING # 107Y5026-1

CLV HANSEN # - H58517