

LOT 18

LOT 17

LOT 16

LOT 15

LOT 5

LOT 4

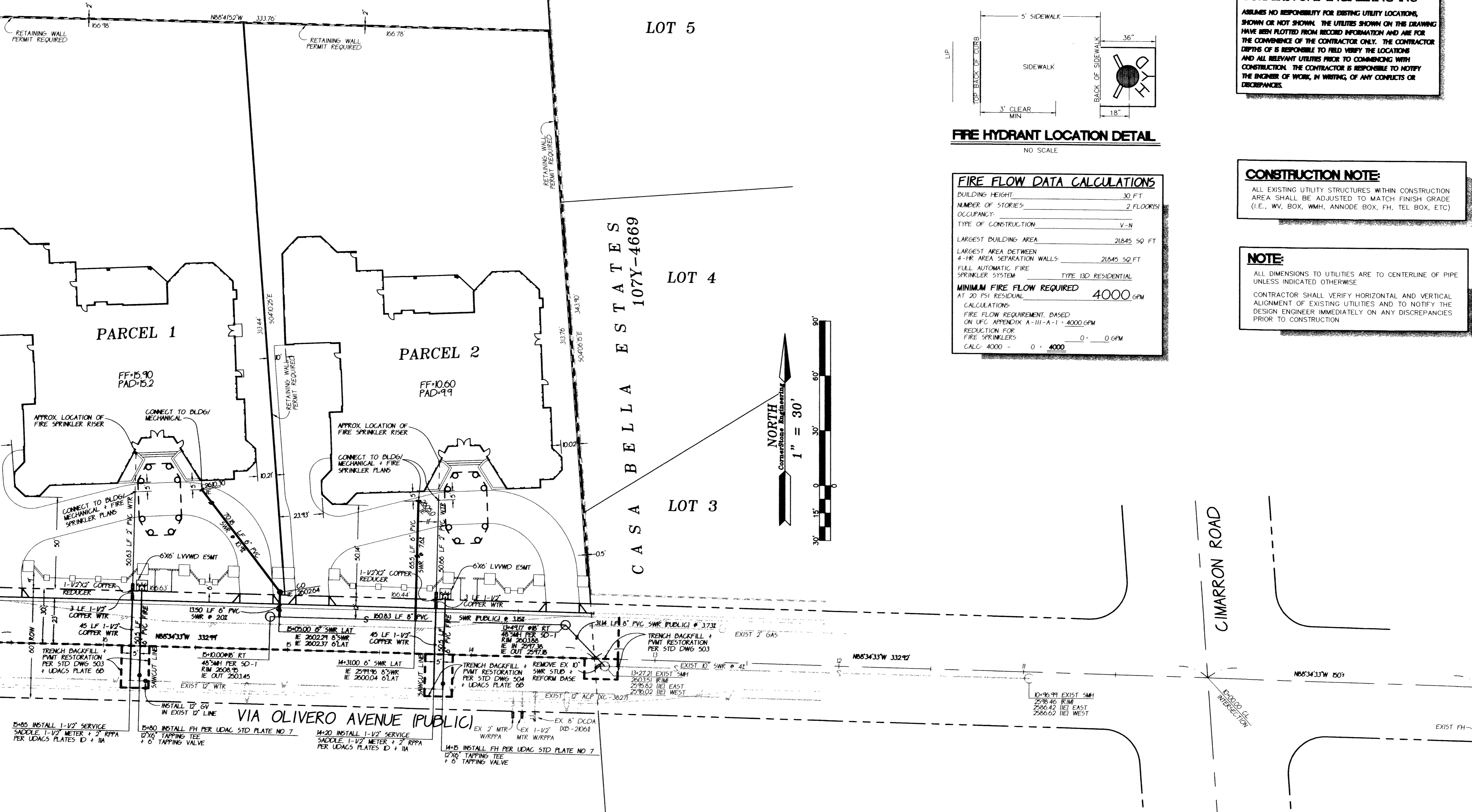
LOT 3

SYCAMORE SQUARE II
107Y-4447-II

CASA BELLA ESTATES
107Y-4669

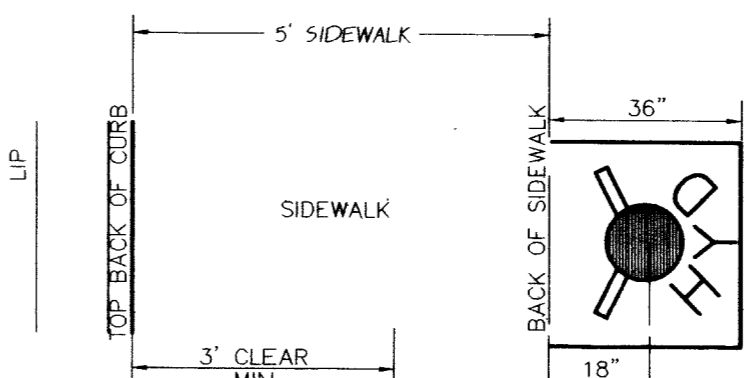
PARCEL 1

PARCEL 2



BENCHMARK
 DESCRIPTION CITY OF LAS VEGAS BENCHMARK NO. LV10-455W6
 LOCATION RIVET & PLATE IN TOP OF CURB @ NE COR.
 OF SAHARA AND TOMBK
 ELEVATION 2600.99 U.S. SURVEY FEET
 2768.334 METERS
 CONVERSION
 1 METER = (39.37) INCHES = 1 U.S. SURVEY FOOT

BASIS OF BEARING
 NORTH 88°20'28" WEST BEING THE CENTERLINE OF SAHARA AVENUE, THE
 SAME ALSO BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SE 1/4)
 OF THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4)
 OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 60 EAST, MERIDIAN, AS PER BOOK
 62, PAGE 87 OF PLATS, IN THE RECORDER'S OFFICE, CLARK COUNTY, NEVADA.



FIRE HYDRANT LOCATION DETAIL
NO SCALE

FIRE FLOW DATA CALCULATIONS

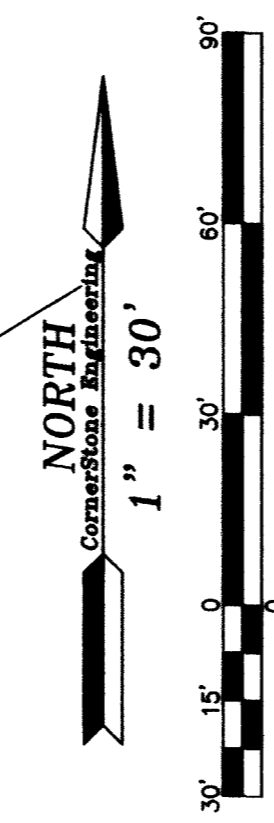
BUILDING HEIGHT:	30 FT
NUMBER OF STORIES:	2 FLOOR(S)
OCCUPANCY:	
TYPE OF CONSTRUCTION:	V-N
LARGEST BUILDING AREA:	21845 SQ FT
LARGEST AREA BETWEEN 4-HR. AREA SEPARATION WALLS:	21845 SQ FT
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	TYPE ISD RESIDENTIAL
MINIMUM FIRE FLOW REQUIRED AT 20 PSI RESIDUAL:	4000 GPM
CALCULATIONS:	
FIRE FLOW REQUIREMENT, BASED ON UFG APPENDIX A-111-A-1 - 4000 GPM	
REDUCTION FOR FIRE SPRINKLERS	0 - 0 GPM
CALC: 4000 - 0 = 4000	

NOTICE
 AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
Call BEFORE You Dig
 1-888-237-5888
 UNDERGROUND SERVICE (USA)

NOTE
CORNERSTONE ENGINEERING INC
 ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS, SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR DEPTHS OF IS RESPONSIBLE TO FIELD VERIFY THE LOCATIONS AND ALL RELEVANT UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE ENGINEER, IN WRITING, OF ANY CONFLICTS OR DISCREPANCIES.

CONSTRUCTION NOTE:
 ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.E., W.V. BOX, W.M.H. ANNODE BOX, F.H. TEL. BOX, ETC)

NOTE:
 ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.
 CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY ON ANY DISCREPANCIES PRIOR TO CONSTRUCTION.



OWNER: DONALD AND MIROSLAVA ZEITLER P.O. BOX 90945 LAS VEGAS, NV 89173 PH (702)973-9812 FAX (702)973-2876	CornerStone Engineering Inc. 101 CONVENTION CENTER DR SUITE 880 LAS VEGAS, NV 89168 702-731-4711 FAX 702-731-4788
MASTER UTILITY PLAN	TITLE: LA TERRA DI CASTELLI
CITY OF LAS VEGAS	
FILENAME: 308-SULDWG	DATE: OCT 14, 2002
XREF FILES: 308-MST.DWG	DRAWN BY: DWS
CHECKED BY: DWS	PROJECT NO: 308-00
SCALE: HORIZ. 1"=30'	
APPROVED: [Signature] 11/01/02	APPROVED: CITY OF LAS VEGAS FIRE DEPARTMENT
APPROVED: [Signature] 11/01/02	APPROVED: LAS VEGAS VALLEY WATER DISTRICT
SEAL: DANIEL W. SULLIVAN, CIVIL ENGINEER, No. 10542	SHEET: C4
	4 OF 6 SHEETS
	DRAWING NO: 107-V-3642

REDUCED PRESSURE PRINCIPLE ASSEMBLY 12-2
 APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 10. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.
 ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENTS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

PROJECT NAME: LaTerra Di Castelli
 This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is
NOT APPROVED FOR CONSTRUCTION
 at this time and this signature does not provide or imply a water commitment.
 [Signature] 11/01/02
 LVWD #52 DATE

SERVICE LATERALS FOR PARCELS 1 AND 2 WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER THE DIRECTION OF LVWD.

46367