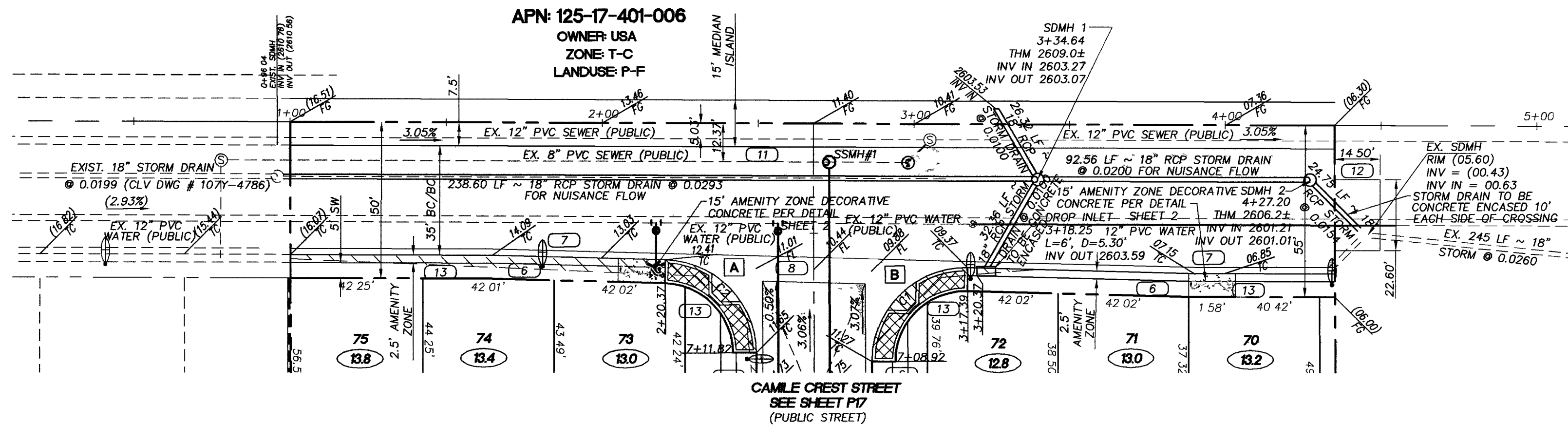
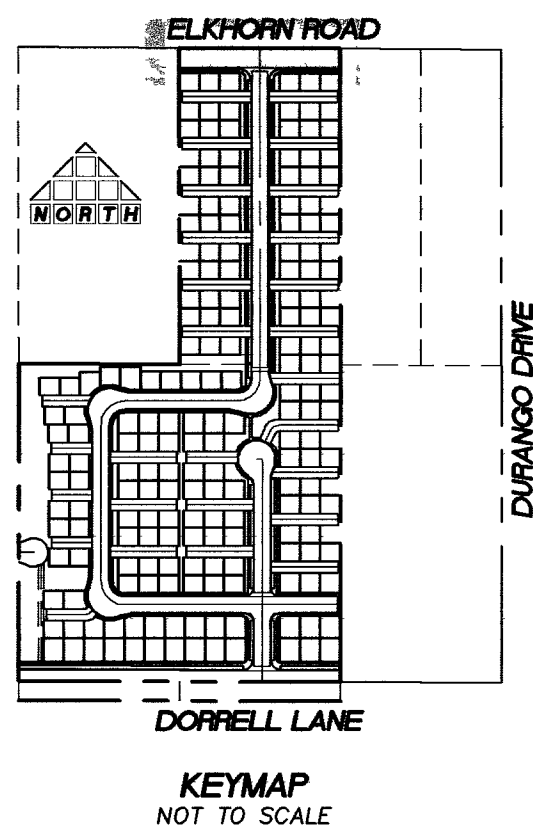
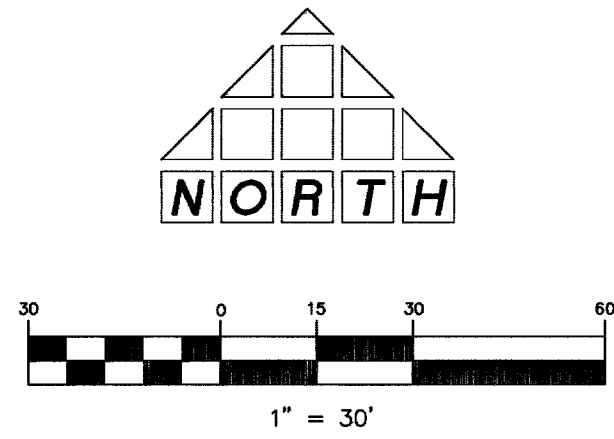




SIDEWALK RAMP DATA
PER STD. DWG. 235

	A	B	TYPE
A	8'	8'	1
B	4.5	21.5'	1



CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	48.02	30.00	30.91	91°42'50"
C2	46.23	30.00	29.12	88°17'10"
C3	47.12	30.00	30.00	90°00'00"
C4	22.90	50.00	11.66	26°14'44"
C5	116.89	47.00	138.42	142°29'28"
C6	22.90	50.00	11.66	26°14'44"
C7	47.12	30.00	30.00	90°00'00"
C8	22.90	50.00	11.66	26°14'44"
C9	116.89	47.00	138.42	142°29'28"
C10	22.90	50.00	11.66	26°14'44"
C11	46.98	30.00	29.85	89°43'18"
C12	22.90	50.00	11.66	26°14'44"
C13	116.89	47.00	138.42	142°29'28"
C14	22.90	50.00	11.66	26°14'44"
C15	23.56	15.00	15.00	90°00'00"
C16	23.56	15.00	15.00	90°00'00"
C17	23.56	15.00	15.00	90°00'00"
C18	23.56	15.00	15.00	90°00'00"
C19	22.43	18.50	12.64	65°51'59"
C20	195.64	40.50	35.98	278°46'11"
C21	10.51	19.50	5.38	30°32'12"
C22	47.07	29.84	30.04	90°23'16"
C23	47.25	30.00	30.12	90°13'55"
C24	13.20	20.00	6.85	37°48'52"
C25	133.85	30.00	38.66	255°37'44"
C26	13.21	20.00	6.86	37°50'25"

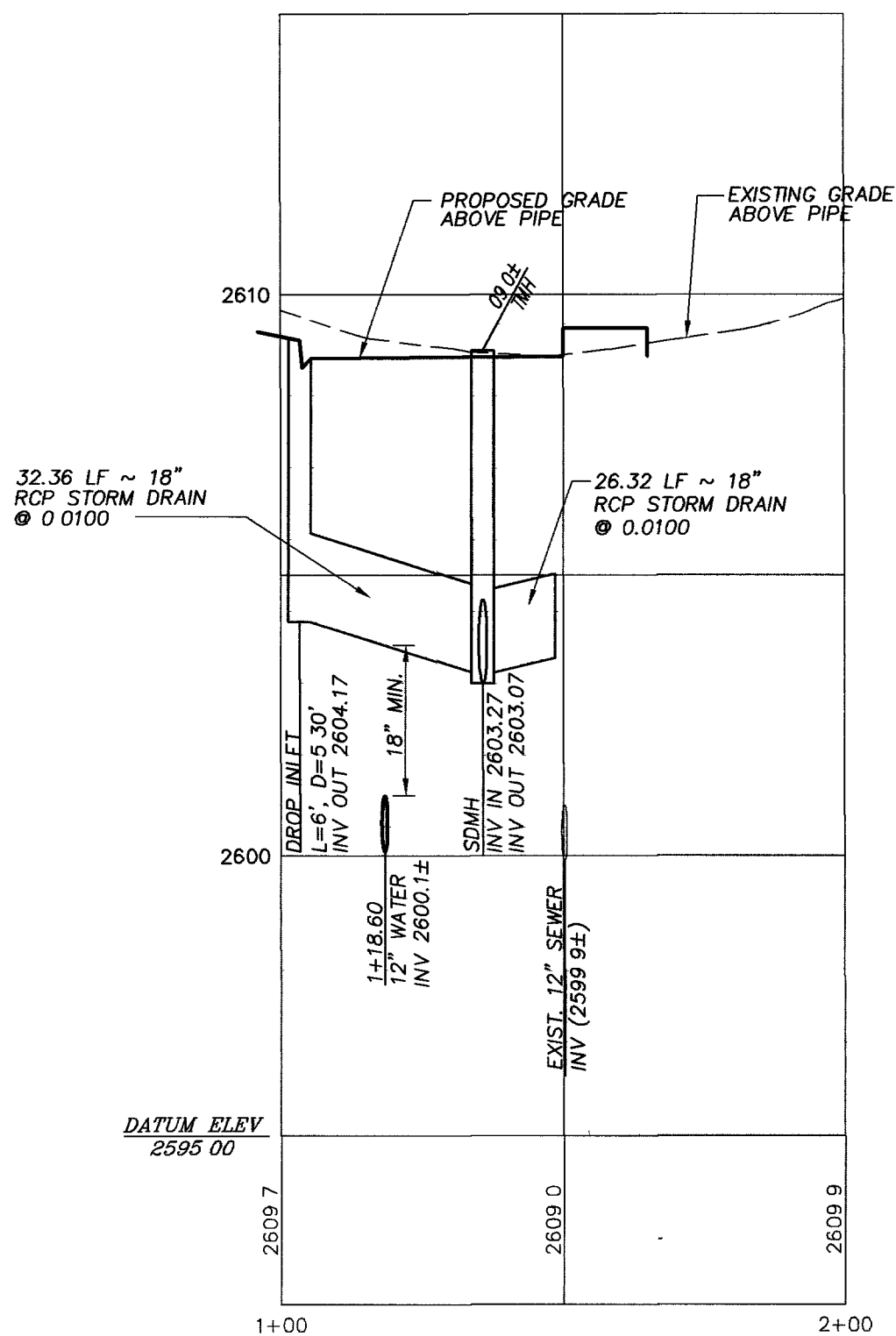
LEGEND

- PROPERTY LINE / RIGHT-OF-WAY
- == "L" TYPE CURB AND GUTTER
- == "A" TYPE CURB
- ===== EXISTING CURB AND GUTTER
- PROPOSED WATER LINE (SIZE AS SHOWN)
- PROPOSED SEWER LINE (SIZE AS SHOWN)
- EXISTING UTILITY (AS SHOWN)
- CROSS GUTTER
- WHEELCHAIR RAMP
- CUT OR FILL SLOPE
- ===== PROPOSED PAVEMENT AREA
- XXXX
TC PROPOSED ELEVATION (DESCRIPTION AS SHOWN)
- XXXX
TC EXISTING ELEVATION (DESCRIPTION AS SHOWN)
- XXXX
TC FUTURE DESIGN ELEVATION (DESCRIPTION AS SHOWN)
- 10 LOT NUMBER
- 95.5 PAD ELEVATION
- FINISHED FLOOR ELEVATION
- ===== EXISTING PAVEMENT TO BE REMOVED AND REPLACED

CONSTRUCTION NOTES

- (1) SAWCUT AND MATCH EXISTING
- (2) CONSTRUCT CASE 1 SIDEWALK RAMP PER CCASD 235 SEE TABLE FOR LENGTHS AND DETAIL SHEET D2
- (3) CONSTRUCT 7" SIDEWALK PER CCASD 234
- (4) CONSTRUCT 24" CONCRETE ALLEY PER MODIFIED CCASD 215
- (5) CONSTRUCT SIDEWALK UNDERDRAIN PER CCASD 236
- (6) CONSTRUCT 5" SIDEWALK PER CCASD 234
- (7) CONSTRUCT "L" TYPE CURB AND GUTTER PER CCASD 216
- (8) CONSTRUCT CROSS GUTTER PER CCASD 228
- (9) CONSTRUCT DEPRESSED CURB PER CCASD 227
- (10) CONSTRUCT DEPRESSED ALLEY ENTERANCE PER CCASD 227
- (11) CONSTRUCT A CURB MEDIAN ISLAND PER CCASD 218 AND 219
- (12) SAWCUT EXISTING PAVING AND REPLACE AGGREGATE BASE AND PAVING COURSES ABOVE BACK OF SIDEWALK
- (13) CONSTRUCT 8" CMU BLOCK SOLID GROUTED FLOOD WALL MIN. 3 COURSES ABOVE BACK OF SIDEWALK
- (14) CONSTRUCT REMOVABLE BOLLARD PER DETAIL SHEET D3
- (15) CONSTRUCT WROUGHT IRON FENCE PER CLV SD 421B AND DETAIL SHEET D3
- (16) CONSTRUCT 5'X24'X 6" DEEP RIPRAP PAD, D50=3" W/ 6" TYPE II BASE & GEOTEXTILE FILTER FABRIC

NOTE:
ALL PRIVATE STREETS & PRIVATE DRIVES ARE CITY SEWER EASEMENTS, P.U.E. AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.



STORM DRAIN LATERAL

Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Call before you Overhead
1-702-593-6111
NEVADA POWER ENVIRONMENTAL SAFETY SERVICES DEPARTMENT

Call before you Under
1-702-455-5511
1-702-253-5511

BASIS OF BEARING
SOUTH 00°34'40" EAST BEING THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN IN FILE 25, PAGE 44 OF PARCEL MAPS IN THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA

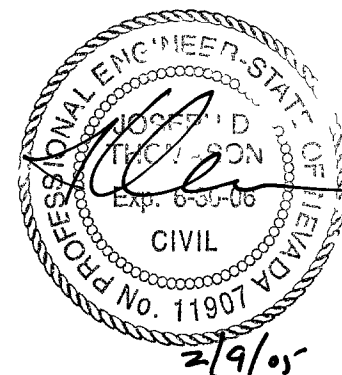
BENCHMARK
CITY OF LAS VEGAS BENCHMARK - 2090-20M
REBAR #124 FT. NORTHEAST OF DEER SPRINGS AND FORT APACHE
ELEVATION: 2675.26 (FEET)
815.4214 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
ELEVATION = 806.867 METERS (NAVD88)
ELEVATION = 2647.20 FEET (NAVD88)

BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL POINT "BLV90 18SES", BEING A RIVET PLATE IN A CONCRETE CYLINDER, NORTHWEST CORNER OF ELKHORN AND FORT APACHE
ELEVATION: 2675.26 (FEET)
815.4214 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

BASIS OF BEARING
NORTH 89°54'17" EAST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN IN FILE 118 OF SURVEYS AT PAGE 89, OFFICIAL RECORDS, COUNTY OF CLARK, STATE OF NEVADA

APPROVALS

Signature 2/6/2005
LAS VEGAS VALLEY WATER DISTRICT
PROJECT # H-109368



SHEET **P1**
11 OF 33
DRAWING NO. 10744558

RICHMOND AMERICAN HOMES
WHITNEY HEIGHTS
PLAN AND PROFILE
ELKHORN ROAD

THOMASON CONSULTING ENGINEERS
3161 E. WARM SPRINGS ROAD, SUITE 200
LAS VEGAS, NEVADA 89120
702-932-6125 FAX: 702-932-6129

DRAWN BY
DESIGNED BY
CHECKED BY
PROJECT NO. 001.04005
KEY DATE 1/87
SCALE 1"=30'
1"=3'

REVISION **03-2005**
BY *Signature*
DATE 2/9/2005
PROJECT NO. 001.04005
KEY DATE 1/87
SCALE 1"=30'
1"=3'