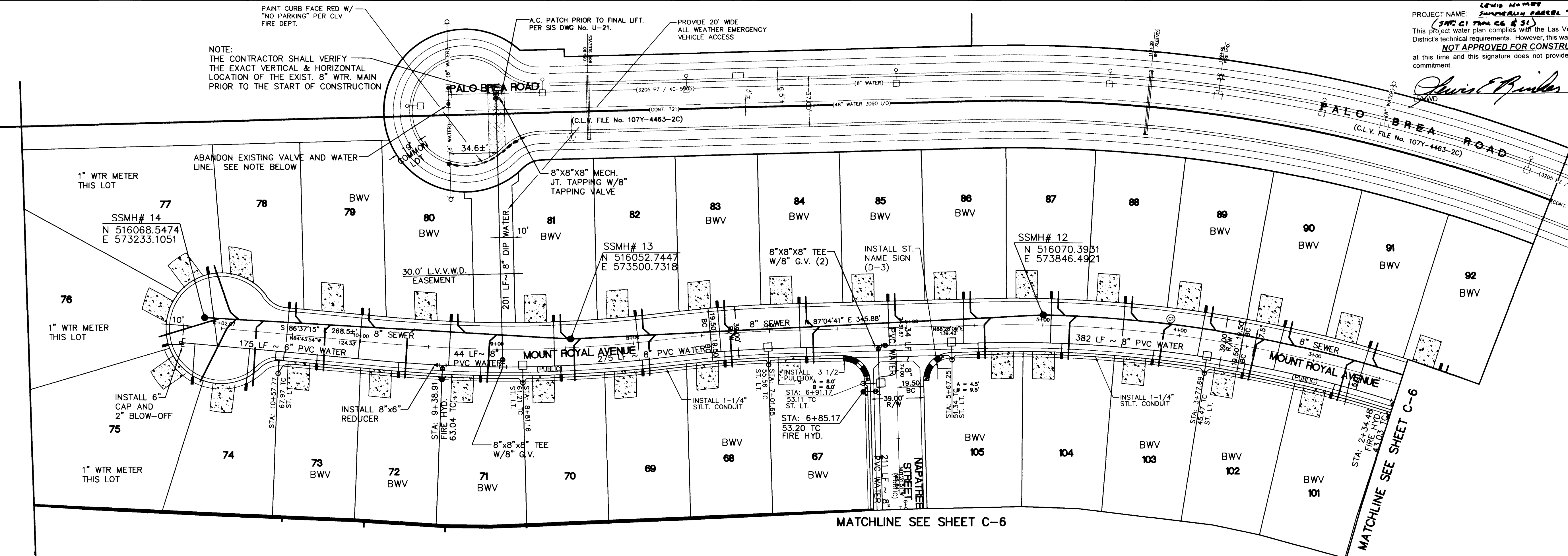




PROJECT NAME: **LEWIS HOMES SUMMERLIN PARCEL "MM" UNIT 1**
(SHEET C-1, TOWN C-6 & C-5)
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water commitment.

Christy Binkley 4-6-99
DATE: 4/6/99

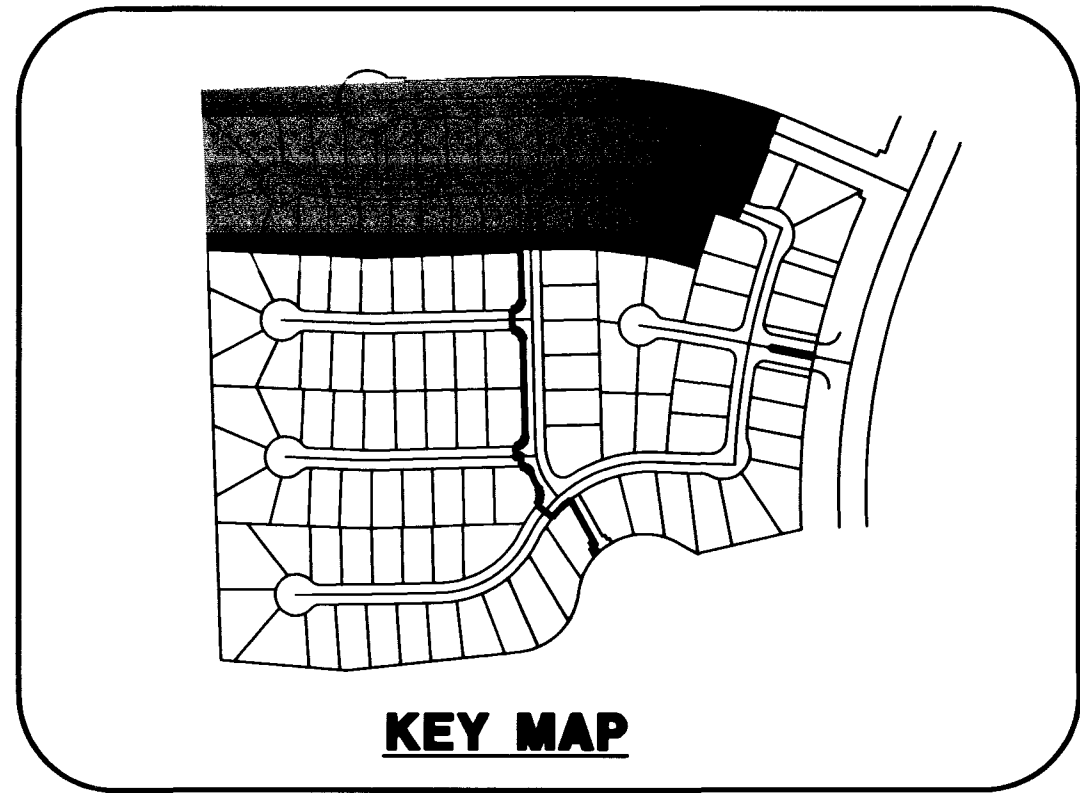
SCALE 1"=40'
40 0 40 80
SCALE FEET

LEGEND

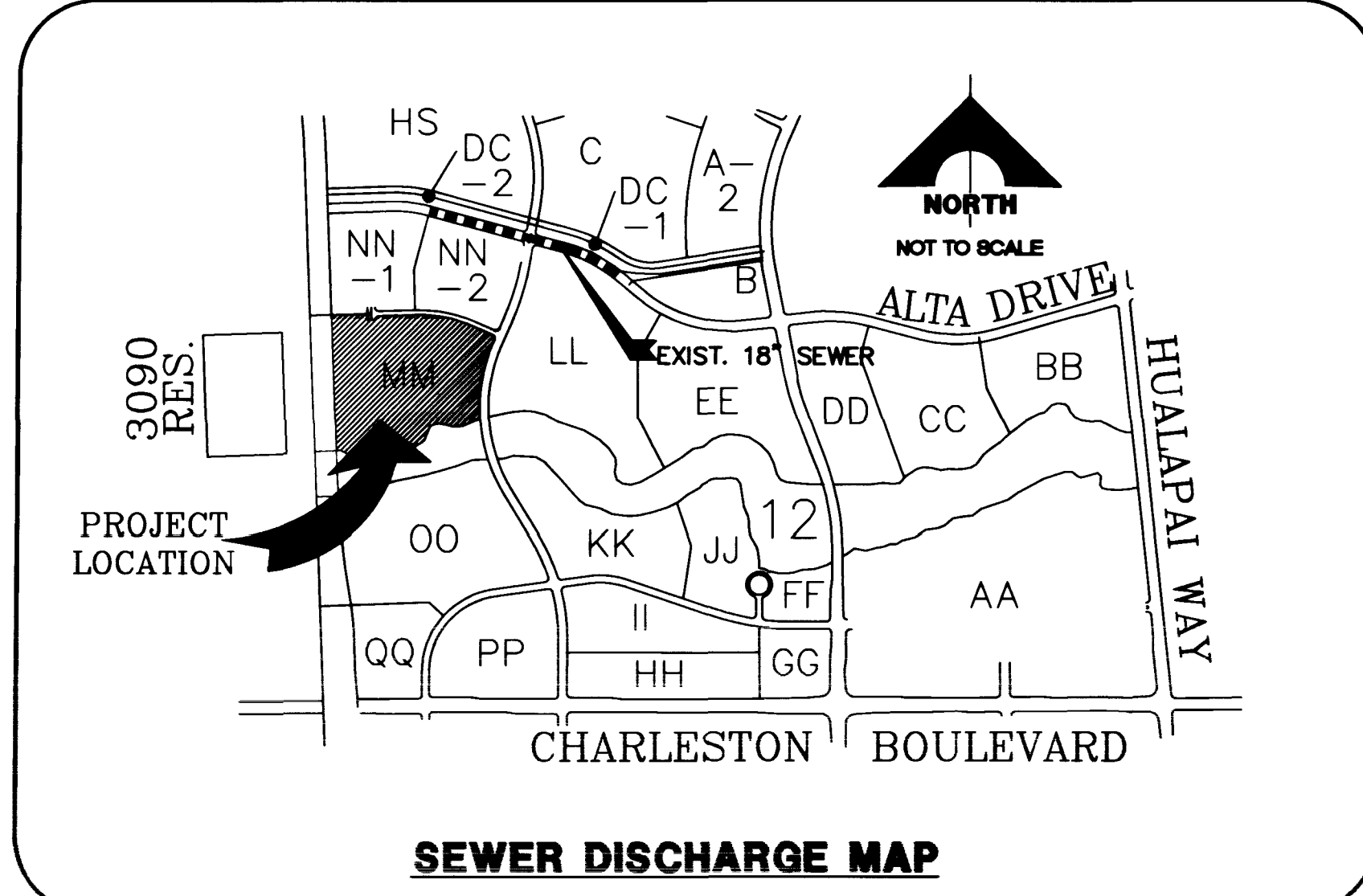
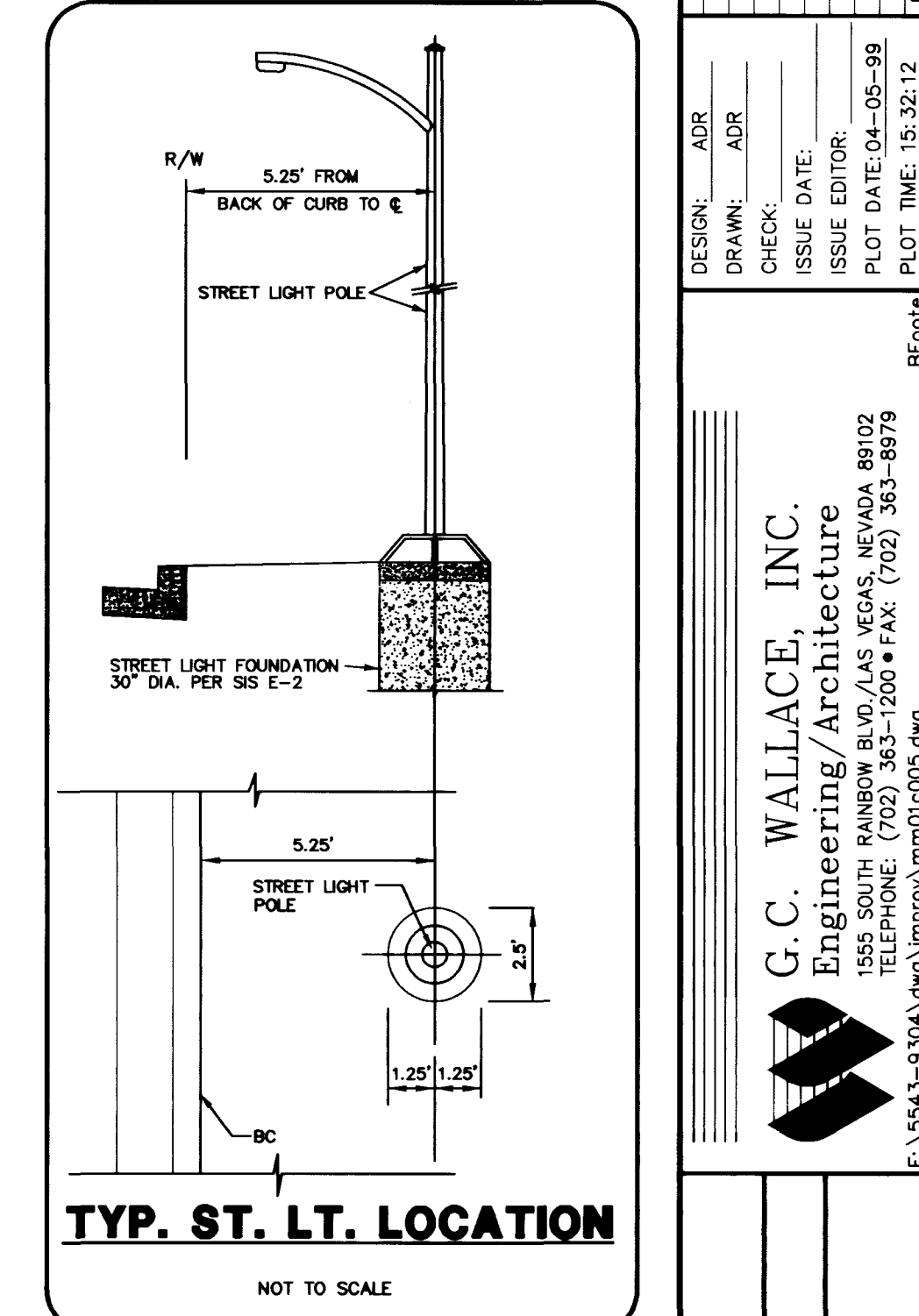
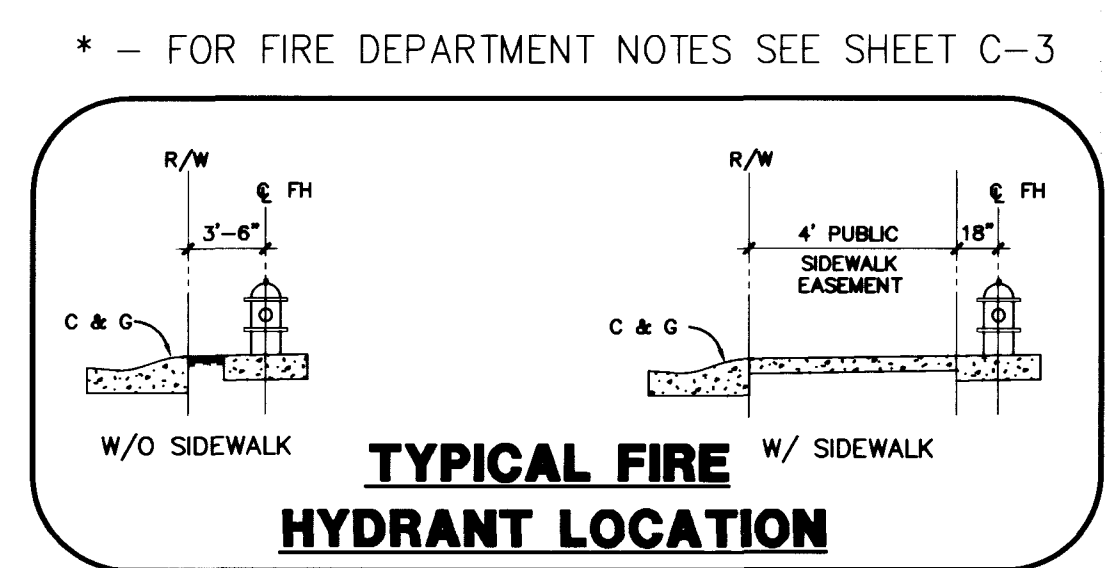
- FIRE HYDRANT WITH 6" GV AND F.H. LOCATOR BUTTON PER S.I.S. DWG. # U-33
- WATER LINE
- 3/4" WATER LATERAL AND 3/4" METER PER S.I.S. DWG. # U-23
- GATE VALVE
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE PER S.I.S. DWG. # D-2
- SEWER LATERAL
- STORM DRAIN LINE
- STORM DRAIN MANHOLE PER S.I.S. DWG. # D-2
- 2" BLOWOFF ASSEMBLY PER S.I.S. DWG. # U-32
- PRESSURE REDUCING VALVE
- BWV
- BACK WATER VALVE
- TYPE 3 STREET LIGHT PER S.I.S. DWG. # E-2
- No. 3 1/2 PULL BOX
- 125A SERVICE

DESIGN: ADR
DRAWN: ADR
CHECK: ADR
ISSUE DATE: 04-05-99
PLOT DATE: 04-05-99
PLOT TIME: 15:32:12

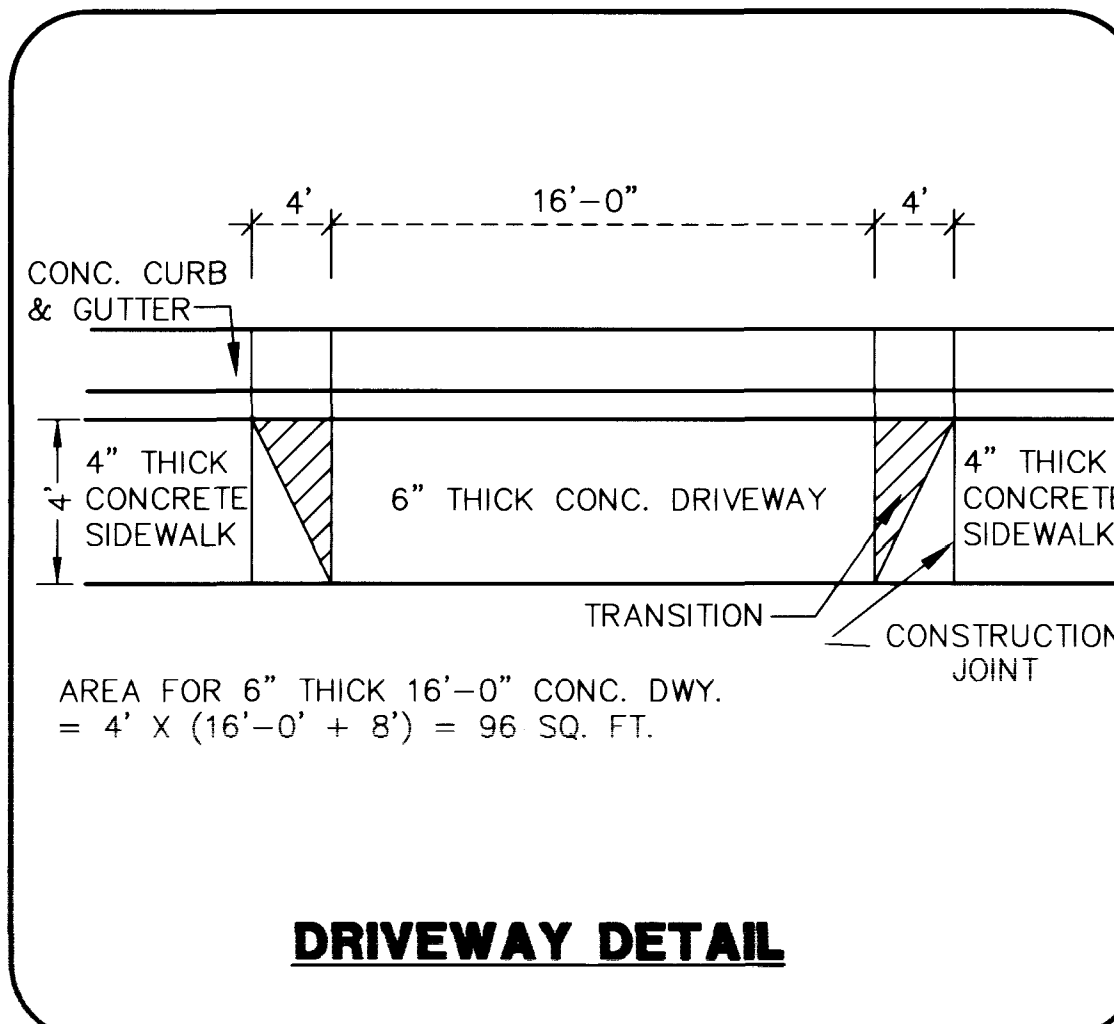
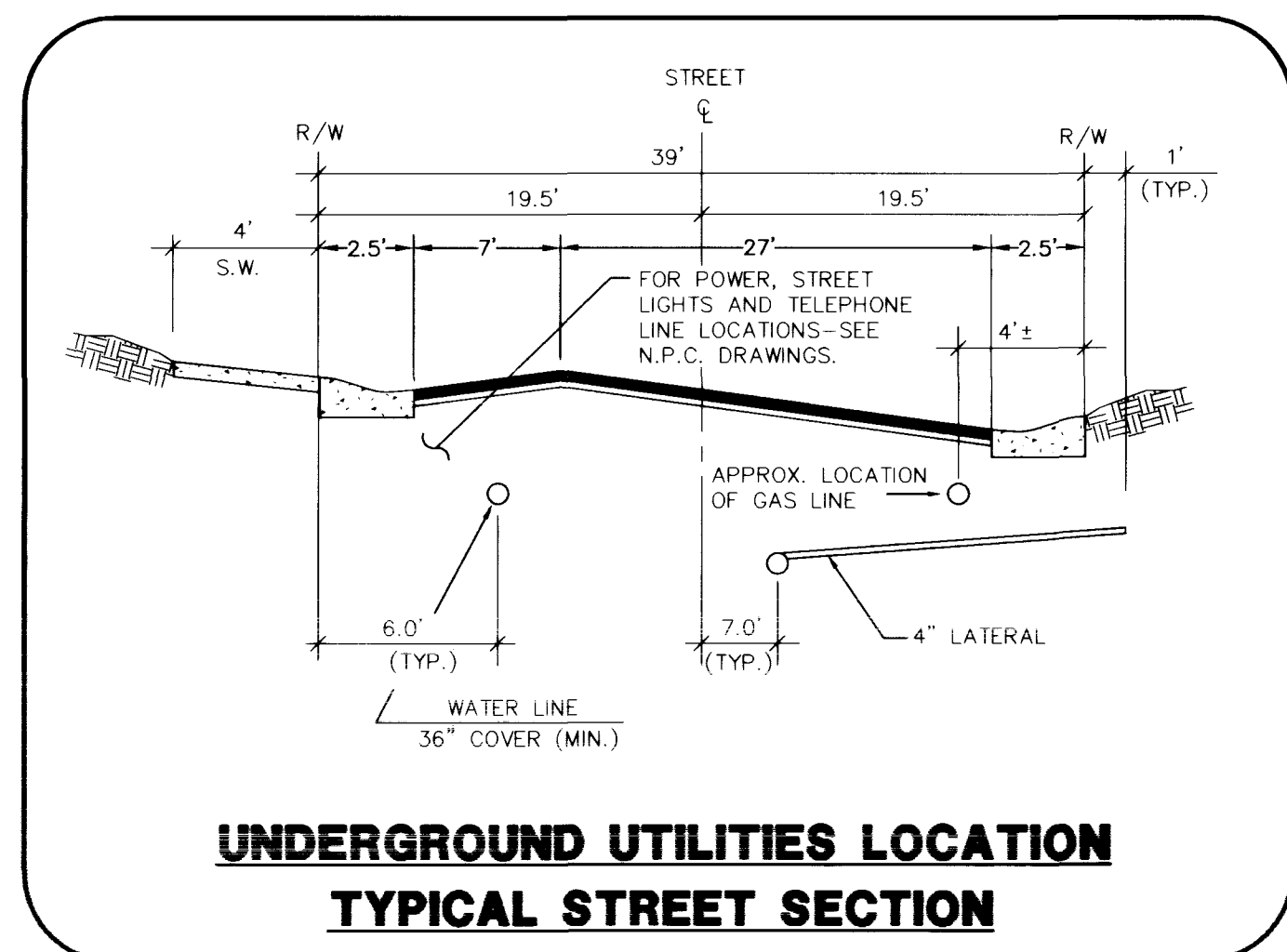
ABANDONED VALVE CUT AND CAP
ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.
THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3'± BEYOND THE ABANDONED VALVE AND INSTALL A CAP. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE No. 5 AT ALL CAP OR PLUG LOCATIONS.



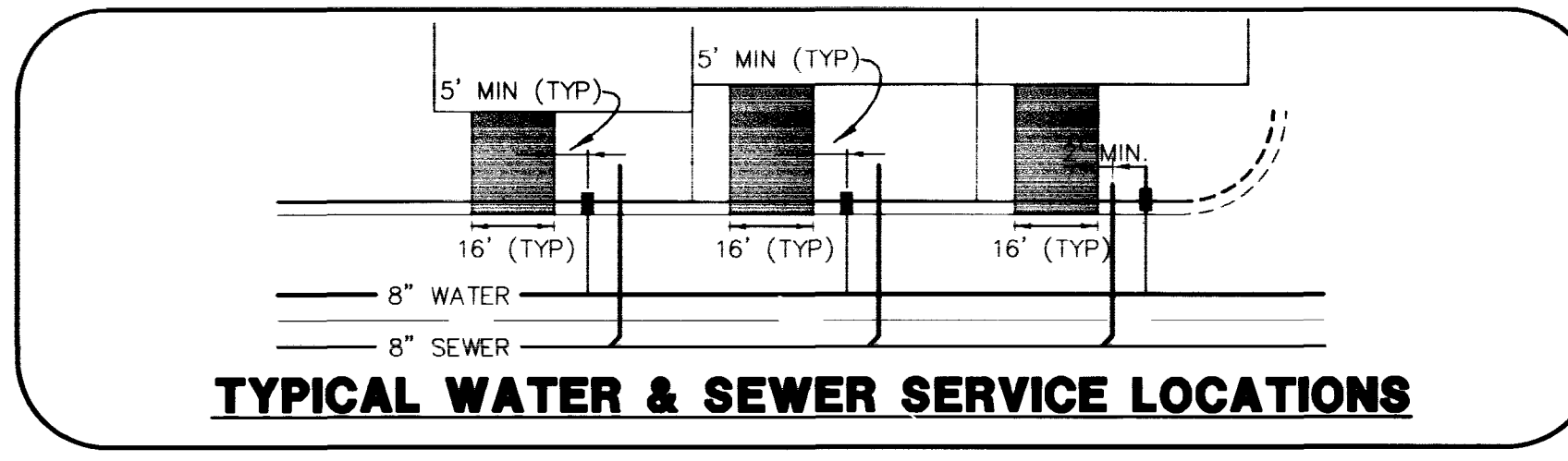
SEWER CONTRIBUTION
63 LOTS X 2.3 PER LOT = 144.9
63 X 250 GPD = 15,750 GPD AVERAGE
15,750 GPD X 3.4 PEAKING FACTOR = 53,550 GPD PEAK



FIRE FLOW CALCULATIONS
FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
BASED ON:
SQUARE FOOTAGE 1,350 - 2,400
LARGEST AREA BETWEEN SEPARATION WALLS N/A
HEIGHT 2 STORIES - 28' MAX.
TYPE OF CONSTRUCTION TYPE V-N
EXPOSURES N/A
SPRINKLER SYSTEM N/A
OCCUPANCY RESIDENTIAL
ROOF CONSTRUCTION TILE
REVIEWED BY *Amy Chang*
DATE 4/6/99



125 AMP 240V PAD MOUNT SERVICE WITH:
1 2 POLE 60 AMP CIRCUIT BREAKER/S
1 POLE 15 AMP CIRCUIT BREAKER/S
1 POLE 40 AMP CIRCUIT BREAKER/S
1 POLE 60 AMP CIRCUIT BREAKER/S
2 POLE 60 AMP CONTACTOR/S
BY-PASS SWITCH PER CONTACTOR



BASIS OF BEARING
NORTH 89°54'38" EAST BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP THEREOF ON FILE IN BOOK 80, PAGE 14 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK
G.C. WALLACE PROJECT BENCHMARK NO. 107, A 2" BRASS DISK IN CONCRETE, LYING SOUTH 44°00'38" EAST, 641.6' FROM THE INTERSECTION OF HUALAPAI WAY AND TOWN CENTER DRIVE.
ELEVATION = 2877.96
CITY OF LAS VEGAS BENCHMARK
OLV001954 RIVET & PLATE IN TOP OF CURB NW SIDE OF TOWN CENTER DRIVE AND SOUTH CIRCLE ISLAND.
2725.923 NGVD 1929 DATUM
2728.37 NAVD 1988 DATUM (831.6074 M)
2726.19 SUMMERLIN DATUM * PROJECT DATUM
SUMMERLIN DATUM = NAVD - 2.18'

APPROVALS

[Signature] 4/6/99
LAS VEGAS VALLEY WATER DISTRICT

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

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

