

## CONSTRUCTION NOTES

- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "NEVADA TRAFFIC CONTROL MANUAL," MOST RECENT EDITION, PUBLISHED BY THE STATE OF NEVADA, DEPARTMENT OF HIGHWAYS, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT SPECIFICATIONS OR AS REQUIRED BY THE ENGINEER.
- AT THE TIME OF PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH, FOR APPROVAL, A TRAFFIC BARRICADING PLAN AND METHOD OF MAINTAINING PUBLIC CONVEYANCE AND SAFETY THROUGHOUT THE CONSTRUCTION AREA. TRAFFIC BARRICADING PLANS SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTIONS 624 AND 625 OF THE STANDARD SPECIFICATIONS, THE TRAFFIC CONTROL MANUAL AND APPLICABLE CITY ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF EXISTING SANITARY, WATER AND STORM SEWER MANHOLES TO THE FINAL FINISH GRADES AS NOTED ON THE CONTRACT DRAWINGS, AND IN ACCORDANCE WITH SECTION 609 OF THE "STANDARD SPECIFICATIONS," AND ANY VERTICAL ADJUSTMENTS OF WATER VALVE BOXES AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONTRACT DRAWINGS.
- NOTICE: GRADING AUTHORIZED ONLY AFTER PERMITTEE'S FULL COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT.
- THE DESIGN GRADE (DG) INDICATED ON THESE PLANS IS FOR VERTICAL ELEVATION DESIGN CALCULATION PURPOSES AND DOES NOT NECESSARILY REPRESENT THE FINISH IMPROVEMENT GRADES @ CENTERLINE. (I.E. THRU MEDIAN AREAS).
- ALL EXISTING UTILITY CROSSINGS MUST BE VERIFIED PRIOR TO CONSTRUCTION OF ANY MAIN LINES OR LATERALS THAT MAY BE ADVERSELY EFFECTED. ANY DISCREPANCIES IN LOCATION AND/OR ELEVATION MUST BE PROVIDED TO THE ENGINEER FOR ACCEPTANCE PRIOR TO CONSTRUCTION.
- 48 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT:  
LAS VEGAS VALLEY WATER DISTRICT PHONE 870-2011  
NEVADA POWER COMPANY PHONE 1-800-227-2600  
SPRINT PHONE 1-800-227-2600  
SOUTHWEST GAS CORPORATION PHONE 365-2296  
KERN RIVER GAS PHONE 801-584-6782

## CITY OF LAS VEGAS SEWER NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
- 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 CITY ENGINEER.
- 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 AGGREGATE BASE.
- ALL MANHOLES PAVED IN STREETS EIGHTY FOOT (80') R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY FOOT (80') R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" S SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
- WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCHES (18") UNDER A WATER MAIN.
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
- THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
- INSTALLATION OF CURVED SEWER REQUIRES SPECIAL CONSTRUCTION PROCEDURES AND INSPECTIONS. CONTACT CITY OF LAS VEGAS CONSTRUCTION SERVICES 24 HOURS PRIOR TO INSTALLATION.

## CITY OF LAS VEGAS GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SUMMERLIN IMPROVEMENT STANDARDS AS APPROVED BY THE CITY COUNCIL ON 11/18/92, SIGNED BY CLV 2/2/93, "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA," LATEST EDITION; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA," LATEST EDITION; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND/OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 4500 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE CITY PRIOR TO USE ON THE PROJECT.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
- AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
- CURB & GUTTER WITH A GRADE OF LESS THAN FIVE TENTHS OF ONE PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED AT THE EXPENSE OF THE CONTRACTOR PER SUMMERLIN STD DRAWING NO. S-47.
- SIDEWALK RAMPS SHALL BE CONSTRUCTED AS SHOWN ON PLANS PER SUMMERLIN STD. DRAWING NO. S-75. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.
- ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
- EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
- UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOW LINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
- WALL NOTES:
- ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.
- ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
- CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
- MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.

## LAS VEGAS VALLEY WATER DISTRICT NOTES

- LVVWD PROJECT # \_\_\_\_\_
- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATIONS SUPPORT CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 p.m. THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
  - ALL WORK SHALL CONFORM TO THE LVVWD'S STANDARD PLATES, DRAWINGS AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
  - ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENT, CLARK COUNTY AREA.
  - A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
  - ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
  - ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
  - ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAY, VALLEY AND CURB GUTTERS.
  - THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:  
A. A MINIMUM EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY OR STORM SEWER LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS:  
A. POTABLE WATER SUPPLY QUALITY MATERIAL.  
B. ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM).  
C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.  
EACH PROVISION MUST EXTEND ALONG THE SANITARY OR STORM SEWER, ON EITHER SIDE OF THE MAIN, A MINIMUM 10 FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.
  - WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
  - ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
  - THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-FOUR (44) HOURS PRIOR TO PICKUP.
  - CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 PM AND 6 AM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY PERMIT STANDARD DOWNSHIFT FEES BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
  - ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

## LEGEND AND ABBREVIATION

- 1 DETAIL DRAWING NUMBER  
1- DETAIL DRAWING NUMBER DRAWN ON SAME SHEET  
1- DETAIL DRAWING NUMBER WITH REFERENCE TO THE SHEET IT IS DRAWN ON  
1- STANDARD DRAWING NUMBER (S) PER SUMMERLIN IMPROVEMENT STANDARDS, OR PER OTHER STANDARDS AS NOTED IN ABBREVIATION TABLE  
1- INDICATES CONSTRUCTION NOTE  
1- INDICATES REMOVAL NOTE  
1- INDICATES CURVE NUMBER  
1- INDICATES SEWER MANHOLE IN PROFILE  
1- INDICATES STORM DRAIN MANHOLE IN PROFILE  
1- EXIST. SPOT ELEVATION  
1- STUB & CAP PIPE  
1- PAVEMENT REMOVAL  
1- STREET LIGHT  
1- STREET LIGHT MAST-ARM MOUNTED ON TRAFFIC SIGNAL POLE
- ABBREVIATION  
I = IMPROVEMENTS  
W = WATER  
S = SEWER OR SUMMERLIN IMPROVEMENT STANDARDS  
SD = STORM DRAIN  
SL = STREET LIGHTING  
SG = TRAFFIC SIGNAL  
SMH = SEWER MANHOLE  
SDMH = STORM DRAIN MANHOLE  
CC = CLARK COUNTY  
CLV = CITY OF LAS VEGAS  
LVVWD = LAS VEGAS VALLEY WATER DISTRICT  
NDOT = NEVADA DEPT. OF TRANSPORTATION STANDARD PLANS, JANUARY 1999  
TR = STREET LIGHT TRENCH (SEE ELECTRICAL PLANS)  
DG = DESIGN GRADE  
TC = TOP OF CURB  
FG = FINISHED GRADE  
MOC = MIDDLE OF CURVE  
UDS = UNIFORM STANDARD DRAWINGS-CLARK COUNTY AREA (LATEST EDITION)  
DCSWCS = DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS  
UDACS = UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS

NOTE: LEGEND & ABBREVIATIONS IN THE "SUMMERLIN IMPROVEMENT STANDARDS", LATEST EDITION, WILL BE UTILIZED FOR ANY LEGEND & ABBREVIATION REQUIRED WHICH ARE NOT SHOWN.

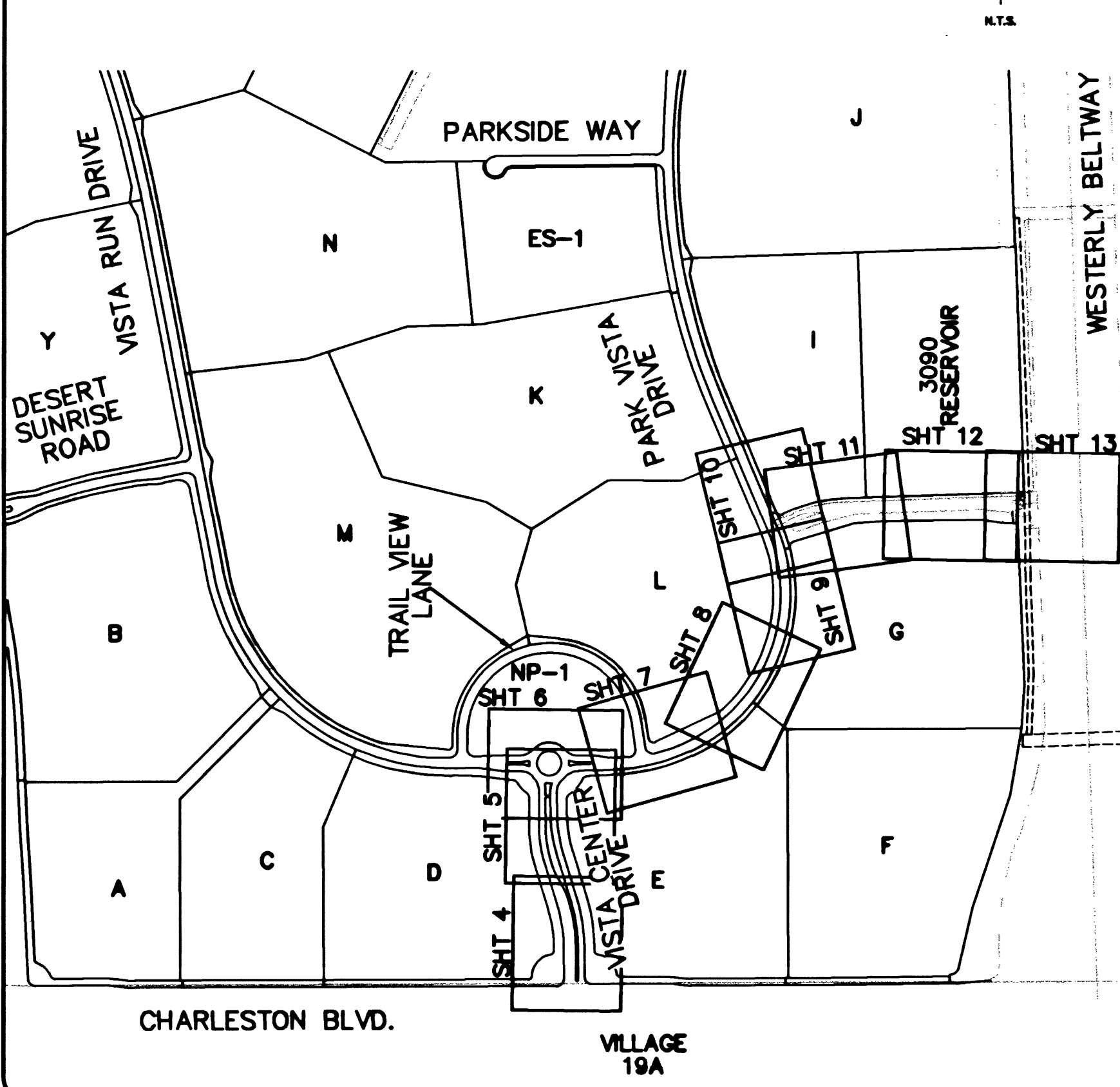
## INDEX OF DRAWINGS

- SHT 1..... COVER SHEET  
SHT 2..... PROJECT DATA SHEET  
SHT 3..... HORIZONTAL CONTROL PLAN  
SHT 4..... PLAN & PROFILE  
STA 100+00 TO 105+00  
SHT 5..... PLAN & PROFILE  
STA 105+00 TO 108+58.36  
SHT 6..... PLAN & PROFILE  
STA 102+50 (V.R.) TO 102+00 (P.V.)  
SHT 7..... PLAN & PROFILE  
STA 102+00 TO 106+00  
SHT 8..... PLAN & PROFILE  
STA 106+00 TO 110+00  
SHT 9..... PLAN & PROFILE  
STA 110+00 TO 114+00  
SHT 10..... PLAN & PROFILE  
STA 114+00 TO 119+00  
SHT 11..... PLAN & PROFILE  
STA 1+00 TO 5+50  
SHT 12..... PLAN & PROFILE  
STA 5+50 TO 9+50  
SHT 13..... PLAN & PROFILE  
STA 9+50 TO 10+60.99  
SHT 14..... LATERAL PROFILES  
SHT 15..... LATERAL PROFILES AND MISCELLANEOUS DETAILS  
SHT 16..... MISCELLANEOUS DETAILS  
SHT 17..... TRANSITION STRUCTURES  
SHT 18..... JUNCTION STRUCTURES

## QUANTITIES

|                                                                |       |    |
|----------------------------------------------------------------|-------|----|
| 8"x7' RCB.....                                                 | 687   | LF |
| 11"x6' RCB.....                                                | 1,591 | LF |
| 12"x6' RCB.....                                                | 982   | LF |
| 24" RCP.....                                                   | 65    | LF |
| 30" RCP.....                                                   | 57    | LF |
| 36" RCP.....                                                   | 68    | LF |
| 42" RCP.....                                                   | 17    | LF |
| 60" RCP.....                                                   | 20    | LF |
| 5.5' MOD. TYPE "C" DI.....                                     | 2     | EA |
| 10" SS.....                                                    | 1,688 | LF |
| 12" SS.....                                                    | 1,065 | LF |
| SSMH.....                                                      | 12    | EA |
| SDMH.....                                                      | 14    | EA |
| TRANSITION STRUCTURE 8"x7' TO 11"x6' RCB.....                  | 10    | LF |
| TRANSITION STRUCTURE 11"x6' TO 12"x6' RCB.....                 | 2     | LF |
| TRANSITION STRUCTURE 12"x6' TO EXISTING DOUBLE 10"x6' RCB..... | 36    | LF |
| 15' ASPHALT ACCESS ROAD PER USD209 .....                       | 2,040 | SY |

## SHEET INDEX MAP



## BASIS OF BEARING

NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 81, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

## BENCHMARK

NDOT BRASS REFERENCE CAP, 50.00 FEET NORTH OF STATION 787+19.42 OF CHARLESTON BLVD. (NO. OLVO9-34SSE8)

+3209.81 NAVD 1988 DATUM (978.351 M)

3207.81 SUMMERLIN DATUM

\* THIS PROJECT BASED ON NAVD 1988 DATUM

## DEVIATIONS FROM STANDARDS

- VELOCITY IN STORM DRAIN BOX EXCEED 25 FPS. WHERE THIS OCCURS RCB HAS BEEN MODIFIED WITH 1" SACRIFICIAL COVER ON INVERT, (I.E., 2" COVER PROVIDED OVER REBAR WHERE 1" IS STANDARD PER ASTM C789.)
- A 15' WIDE ASPHALT ACCESS ROAD IS BEING PROVIDED PER STANDARD USD NO. 209, IN LIEU OF 20' PER STANDARD DCSWCS NO. SD-23. ACCESS ROAD IS LOCATED WITHIN A 45' WIDE (MIN.) EASEMENT, TURN AROUND CAPABILITY, AND ULTIMATELY TO PAVED INGRESS/EGRESS LOCATIONS.



SUMMERLIN

VILLAGE 20 UNIT 1 REGIONAL DRAINAGE IMPROVEMENTS

PROJECT DATA SHEET

SHEET  
C-2

2 OF 18 SHTS

30744

3/08/01  
LAS VEGAS VALLEY WATER DISTRICT  
731-73 DATE

JOB NO. 62020201

[illegible]

1. **QUESTION** (10 points)  
2. **ANSWER** (10 points)  
3. **QUESTION** (10 points)  
4. **ANSWER** (10 points)  
5. **QUESTION** (10 points)  
6. **ANSWER** (10 points)  
7. **QUESTION** (10 points)  
8. **ANSWER** (10 points)  
9. **QUESTION** (10 points)  
10. **ANSWER** (10 points)



- [illegible]

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- The screenshot shows the Windows 95 Start menu. The 'Programs' menu is expanded, showing a list of programs and documents. The 'Run...' dialog box is open at the bottom, with the text 'C:\WINDOWS\COMMAND\CMD.EXE' entered. The taskbar at the bottom shows the Start button, a clock displaying 1:00 PM, and a taskbar with several open windows.

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[illegible]

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|---------|------------|------------|------------|
| 2007-01 | 2007-01-01 | 2007-01-01 | 2007-01-01 |
| 2007-02 | 2007-02-01 | 2007-02-01 | 2007-02-01 |
| 2007-03 | 2007-03-01 | 2007-03-01 | 2007-03-01 |
| 2007-04 | 2007-04-01 | 2007-04-01 | 2007-04-01 |
| 2007-05 | 2007-05-01 | 2007-05-01 | 2007-05-01 |
| 2007-06 | 2007-06-01 | 2007-06-01 | 2007-06-01 |
| 2007-07 | 2007-07-01 | 2007-07-01 | 2007-07-01 |
| 2007-08 | 2007-08-01 | 2007-08-01 | 2007-08-01 |
| 2007-09 | 2007-09-01 | 2007-09-01 | 2007-09-01 |
| 2007-10 | 2007-10-01 | 2007-10-01 | 2007-10-01 |
| 2007-11 | 2007-11-01 | 2007-11-01 | 2007-11-01 |
| 2007-12 | 2007-12-01 | 2007-12-01 | 2007-12-01 |
| 2008-01 | 2008-01-01 | 2008-01-01 | 2008-01-01 |
| 2008-02 | 2008-02-01 | 2008-02-01 | 2008-02-01 |
| 2008-03 | 2008-03-01 | 2008-03-01 | 2008-03-01 |
| 2008-04 | 2008-04-01 | 2008-04-01 | 2008-04-01 |
| 2008-05 | 2008-05-01 | 2008-05-01 | 2008-05-01 |
| 2008-06 | 2008-06-01 | 2008-06-01 | 2008-06-01 |
| 2008-07 | 2008-07-01 | 2008-07-01 | 2008-07-01 |
| 2008-08 | 2008-08-01 | 2008-08-01 | 2008-08-01 |
| 2008-09 | 2008-09-01 | 2008-09-01 | 2008-09-01 |
| 2008-10 | 2008-10-01 | 2008-10-01 | 2008-10-01 |
| 2008-11 | 2008-11-01 | 2008-11-01 | 2008-11-01 |
| 2008-12 | 2008-12-01 | 2008-12-01 | 2008-12-01 |
| 2009-01 | 2009-01-01 | 2009-01-01 | 2009-01-01 |
| 2009-02 | 2009-02-01 | 2009-02-01 | 2009-02-01 |
| 2009-03 | 2009-03-01 | 2009-03-01 | 2009-03-01 |
| 2009-04 | 2009-04-01 | 2009-04-01 | 2009-04-01 |
| 2009-05 | 2009-05-01 | 2009-05-01 | 2009-05-01 |
| 2009-06 | 2009-06-01 | 2009-06-01 | 2009-06-01 |
| 2009-07 | 2009-07-01 | 2009-07-01 | 2009-07-01 |
| 2009-08 | 2009-08-01 | 2009-08-01 | 2009-08-01 |
| 2009-09 | 2009-09-01 | 2009-09-01 | 2009-09-01 |
| 2009-10 | 2009-10-01 | 2009-10-01 | 2009-10-01 |
| 2009-11 | 2009-11-01 | 2009-11-01 | 2009-11-01 |
| 2009-12 | 2009-12-01 | 2009-12-01 | 2009-12-01 |
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| 2010-02 | 2010-02-01 | 2010-02-01 | 2010-02-01 |
| 2010-03 | 2010-03-01 | 2010-03-01 | 2010-03-01 |
| 2010-04 | 2010-04-01 | 2010-04-01 | 2010-04-01 |
| 2010-05 | 2010-05-01 | 2010-05-01 | 2010-05-01 |
| 2010-06 | 2010-06-01 | 2010-06-01 | 2010-06-01 |
| 2010-07 | 2010-07-01 | 2010-07-01 | 2010-07-01 |
| 2010-08 | 2010-08-01 | 2010-08-01 | 2010-08-01 |
| 2010-09 | 2010-09-01 | 2010-09-01 | 2010-09-01 |
| 2010-10 | 2010-10-01 | 2010-10-01 | 2010-10-01 |
| 2010-11 | 2010-11-01 | 2010-11-01 | 2010-11-01 |
| 2010-12 | 2010-12-01 | 2010-12-01 | 2010-12-01 |
| 2011-01 | 2011-01-01 | 2011-01-01 | 2011-01-01 |
| 2011-02 | 2011-02-01 | 2011-02-01 | 2011-02-01 |
| 2011-03 | 2011-03-01 | 2011-03-01 | 2011-03-01 |
| 2011-04 | 2011-04-01 | 2011-04-01 | 2011-04-01 |
| 2011-05 | 2011-05-01 | 2011-05-01 | 2011-05-01 |
| 2011-06 | 2011-06-01 | 2011-06-01 | 2011-06-01 |
| 2011-07 | 2011-07-01 | 2011-07-01 | 2011-07-01 |
| 2011-08 | 2011-08-01 | 2011-08-01 | 2011-08-01 |
| 2011-09 | 2011-09-01 | 2011-09-01 | 2011-09-01 |
| 2011-10 | 2011-10-01 | 2011-10-01 | 2011-10-01 |
| 2011-11 | 2011-11-01 | 2011-11-01 | 2011-11-01 |
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**Table 1**

- | NAME       | DATE | TIME |
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| JOHN DOE   | 1999 | 01   |
| JANE SMITH | 1999 | 02   |
| JOHN DOE   | 1999 | 03   |
| JANE SMITH | 1999 | 04   |
| JOHN DOE   | 1999 | 05   |
| JANE SMITH | 1999 | 06   |
| JOHN DOE   | 1999 | 07   |
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| JANE SMITH | 1999 | 98   |
| JOHN DOE   | 1999 | 99   |
| JANE SMITH | 1999 | 100  |

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- RESEARCH DESIGN**

[illegible]

1. **NAME** \_\_\_\_\_  
 2. **ADDRESS** \_\_\_\_\_  
 3. **CITY** \_\_\_\_\_  
 4. **STATE** \_\_\_\_\_  
 5. **ZIP** \_\_\_\_\_  
 6. **PHONE** \_\_\_\_\_  
 7. **DATE** \_\_\_\_\_  
 8. **SIGNATURE** \_\_\_\_\_  
 9. **PRINT NAME** \_\_\_\_\_  
 10. **PRINT ADDRESS** \_\_\_\_\_  
 11. **PRINT CITY** \_\_\_\_\_  
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 219. **PRINT CITY** \_\_\_\_\_  
 220. **PRINT STATE** \_\_\_\_\_

|  | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|

1. **RESEARCH DESIGN** The study was a descriptive, cross-sectional survey of the prevalence of self-reported mental health problems among a representative sample of the adult population of the United Kingdom. The sample was drawn from the 1991 Census, which provided a list of all households in the country. A random sample of 10,000 households was selected, and a random sample of one person was selected from each household. The sample was then stratified by age, sex, and region to ensure that it was representative of the adult population of the United Kingdom. The survey was conducted by telephone, and the response rate was 68%.

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