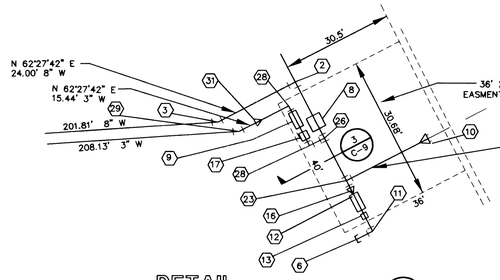
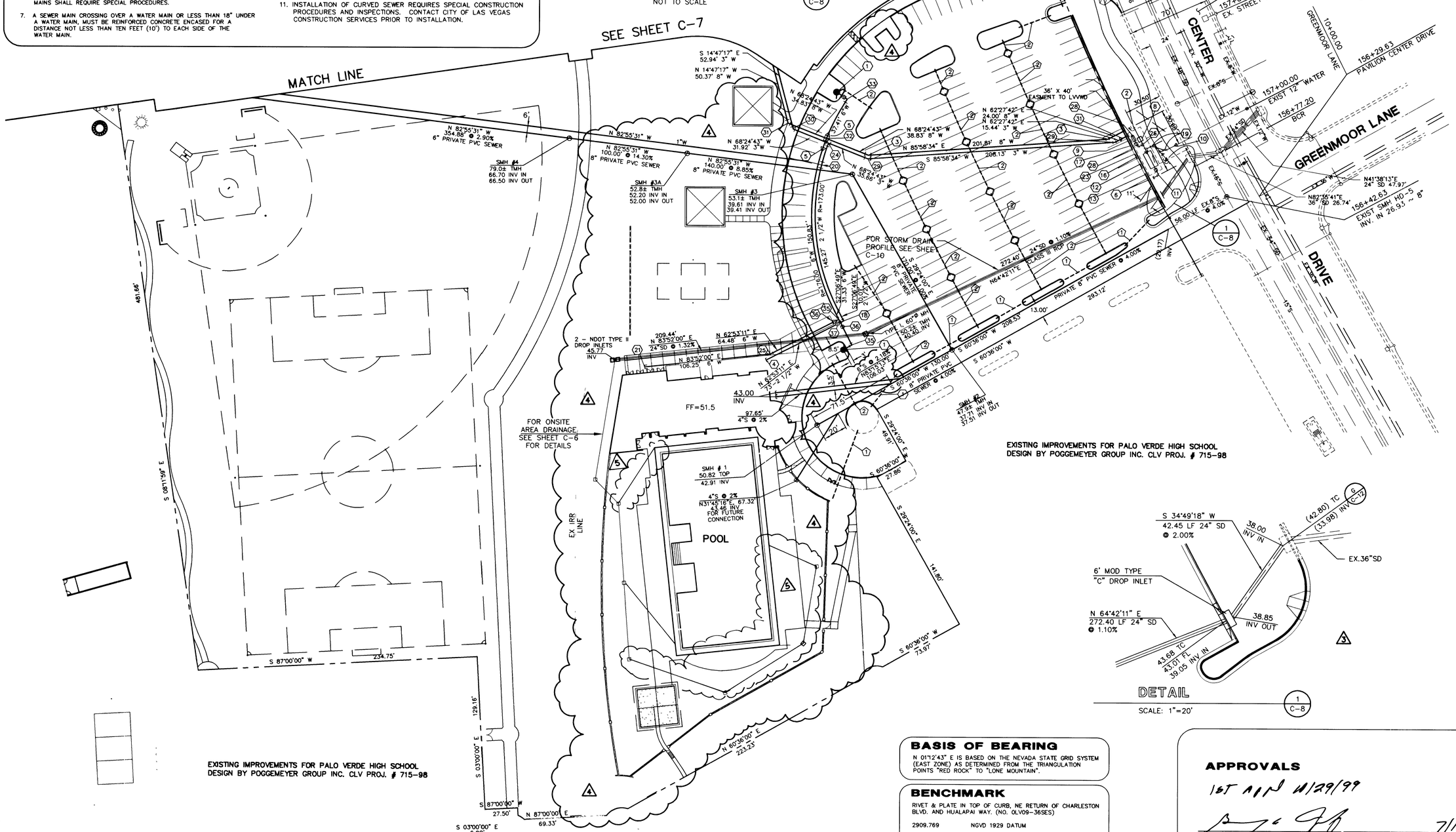
SEWER NOTES

1. 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. IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. 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 CONTROLLING AGENCY.
3. CHISEL "S" OR "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH THE SAND BEDDING AND BACKFILL OF TYPE II GRAVEL.
5. ALL MANHOLES IN PAVED STREETS 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE. CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
7. A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE ENCASED FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" NEVADA CONTRACTORS.
9. 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. 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.
10. HORIZONTAL CURVED SEWER ALIGNMENT NOTES:
    A. LINE AND GRADE STAKES @ 25' MAX. INTERVALS.
    B. 10" DIA. SEWER @ 350' MIN. RADIUS; 1.64° DEFLECTION PER 20' JOINT; 45° MAX. DELTA.
    C. 12" DIA. SEWER @ 450' MIN. RADIUS; 1.36° DEFLECTION PER 20' JOINT; 45° MAX. DELTA.
11. INSTALLATION OF CURVED SEWER REQUIRES SPECIAL CONSTRUCTION PROCEDURES AND INSPECTIONS. CONTACT CITY OF LAS VEGAS CONSTRUCTION SERVICES PRIOR TO INSTALLATION.




MATCH LINE
SEE SHEET C-7
SEE SHEET C-7
NORTH
1"=40'
GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.
EXISTING IMPROVEMENTS SEE
VILLAGE 11/12 UNIT 2A
CLV PROJECT # 107Y-4463-2A
PAVILION CENTER DRIVE
GREENMOOR LANE
DRIVE
N 82°55'31" W
354.88' @ 2.90%
6" PRIVATE PVC SEWER
SMH #4
79.0± TMH
66.70 INV IN
66.50 INV OUT
N 82°55'31" W
100.00' @ 14.30%
8" PRIVATE PVC SEWER
N 82°55'31" W
140.00' @ 8.85%
8" PRIVATE PVC SEWER
SMH #3A
52.8± TMH
52.20 INV IN
52.00 INV OUT
SMH #3
53.1± TMH
39.61 INV IN
39.41 INV OUT
POR STORM DRAIN
PROFILE SEE SHEET
C-10
N64°42'11"E
272.40'
24"SD @ 1.10%
CLASS III RCP
293.12'
8" PRIVATE PVC SEWER @ 4.00%
2 - NDOT TYPE II
DROP INLETS
45.77
INV
209.44'
N 83°52'00" E
24"SD @ 1.32%
106.25'
N 62°53'11" E
64.48' 6" W
43.00
INV
FF=51.5
97.65'
4"S @ 2%
FOR ONSITE
AREA DRAINAGE,
SEE SHEET C-6
FOR DETAILS
SMH # 1
50.82 TOP
42.91 INV
4"S @ 2%
N31°45'16"E, 67.32'
43.16 INV
FOR FUTURE
CONNECTION
POOL
EX IRR
LINE
TYPE I, 60"Ø MH
50.52 TMH
40.40 INV
SMH #2
47.93 TMH
37.71 INV IN
37.51 INV OUT
S 60°36'00" W 130.00'
8" PRIVATE PVC
SEWER @ 4.00%
S 29°24'00" E
49.91'
S 60°36'00" W
27.86'
S 29°24'00" E
141.80'
S 60°36'00" W
73.97'
N 60°36'00" E
223.23'
S 87°00'00" W
234.75'
481.66'
S 65°11'30" E
129.16'
S 03°00'00" E
S 87°00'00" W
27.50'
N 87°00'00" E
69.33'
S 03°00'00" E
6.20'
EXISTING IMPROVEMENTS FOR PALO VERDE HIGH SCHOOL
DESIGN BY POGGEMEYER GROUP INC. CLV PROJ. # 715-98
EXISTING IMPROVEMENTS FOR PALO VERDE HIGH SCHOOL
DESIGN BY POGGEMEYER GROUP INC. CLV PROJ. # 715-98
158+89.81
BCR
158+17.53
BCR
157+85.00
EX. STREET LIGHT
157+00.00
EXIST 12" WATER
156+77.20
BCR
156+29.63
10+00.00
GREENMOOR LANE
N41°38'13"E
24" SD 47.97'
N82°38'41"E
36' 60 26.74'
156+42.63
EXIST SMH HD-5 @ 8"
INV. IN 26.93
56.00 LF Ex.8"S @ 4.0%
Ex.8"S
Ex.12"W
Ex.24"SD
Ex.36"SD
Ex.54"SD
Ex.48"SD
Ex.8"W
Ex.12"W
Ex.16"W
Ex.6"G
Ex.6"T
Ex.6"E
Ex.6"P
Ex.6"S
Ex.6"W