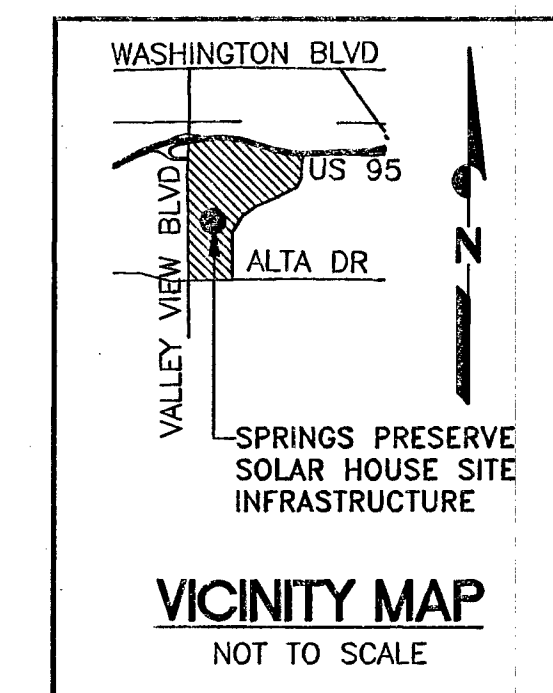
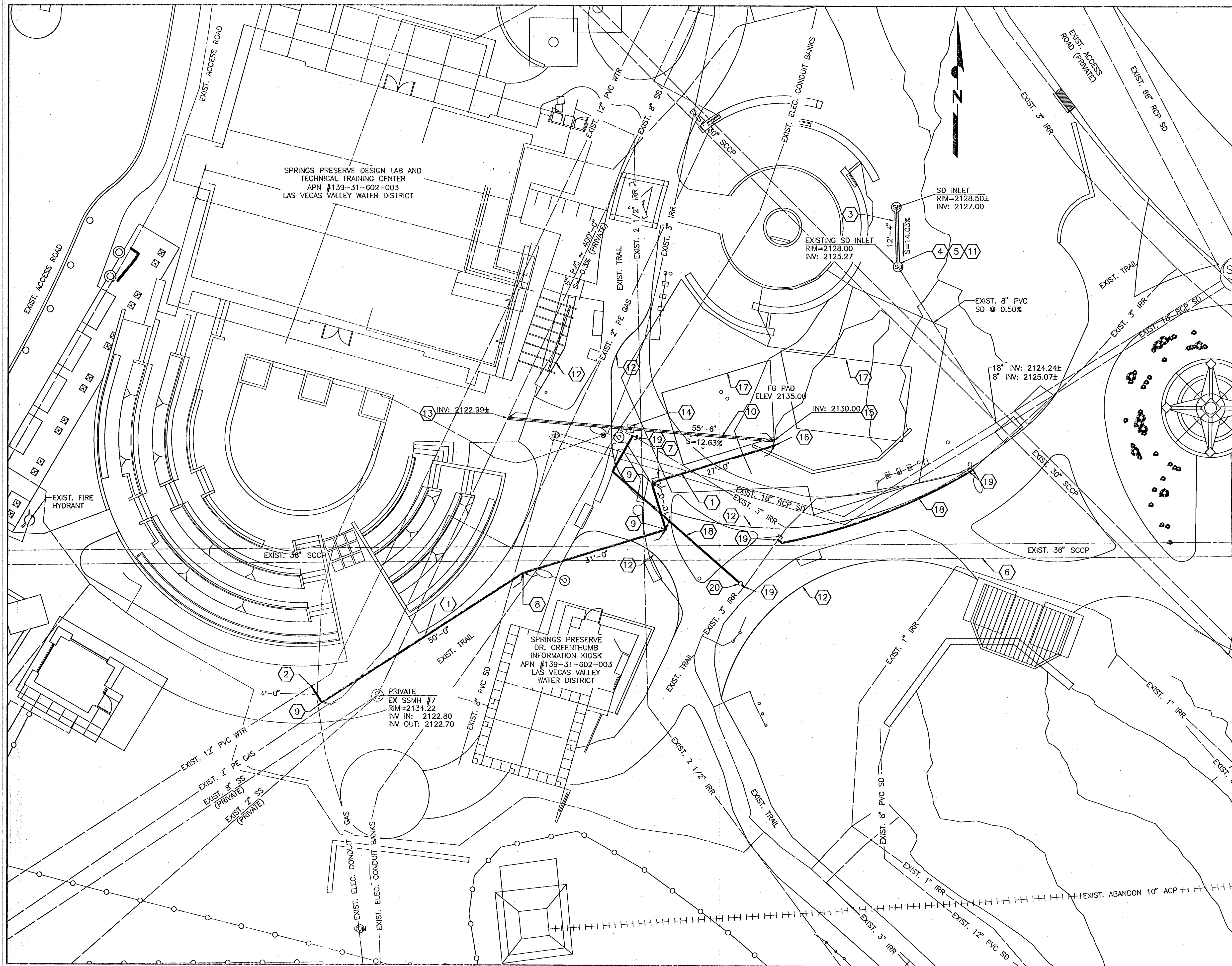




- NOTES:
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES IN PLACE PRIOR TO CONSTRUCTION.
 - FOR HORIZONTAL CONTROL PLAN AND SITE BENCH MARK, SEE DWG. SV1
 - FOR DEMOLITION PLAN, SEE DWG. D1.
 - FOR TRENCH DETAIL, SEE (3) CD1
 - FOR DECK FRAMING PLAN SEE (1) CD3
 - CONTRACTOR TO FIELD VERIFY LOCATION OF EXIST. ELECTRICAL DUCT BANK PRIOR TO INSTALLATION OF 6" SS.
 - ALL ONSITE STORM DRAINS AND THE ASSOCIATED FACILITIES ARE PRIVATELY MAINTAINED BY THE LAS VEGAS VALLEY WATER DISTRICT.

CONSTRUCTION NOTES

- INSTALL 1" COPPER
- FOR CONNECTION DETAIL SEE (1) CD2
- INSTALL 8" PVC PER (3) CD1
- REMOVE AND RELOCATE EXISTING AREA DRAIN TO NEW LOCATION.
- CONNECT TO EXISTING 8" PVC STORM DRAIN
- 36" SSCP PROTECT IN PLACE
- 1" WATER METER BOX AND COVER WITH (1) CD2 CONCRETE COLLAR
- INSTALL 22.5° ELBOW
- INSTALL 90° ELBOW
- INSTALL 6" PVC PER (3) CD1
- EXTEND 8" PVC STORM DRAIN TO NEW INLET LOCATION AND CONNECT TO RELOCATED AREA DRAIN.
- LIMITS OF NEW TRAIL REFER TO GRADING PLAN AND DWG. SV1
- CONNECT TO EXIST. 8" SS. INSTALL 8" x 8" x 6" WYE & 6" 11.25° ELBOW
- INSTALL SEWER CLEANOUT (4) CD2
- SEWER RISER PER (5) CD2
- WATER RISER PER (6) CD2
- FUTURE MODULAR BLDG. INSTALLED BY OTHERS.
- INSTALL 3" IRRIGATION PIPELINE
- CUT AND CAP EXIST. 3" IRRIGATION PIPELINE AND CONNECT TO EXISTING.
- INSTALL 3" IRRIGATION VALVE (7) CD1
- CONNECT TO EXISTING STORM DRAIN INLET.

FIRE FLOW CALCULATIONS

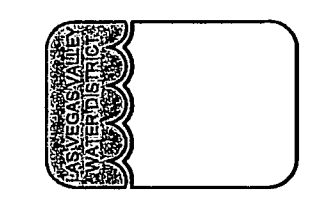
FIRE FLOW REQUIREMENTS IS 1,500 GALLONS PER MINUTE
@20 PSI RESIDUAL PRESSURE.
BASED ON:

SQUARE FOOTAGE:	754 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR	
AREA SEPARATION WALLS:	N/A SQUARE FEET
BUILDING HEIGHT:	14.5 FEET
NUMBER OF STORIES:	1 FLOORS
TYPE OF CONSTRUCTION:	V-B
OCCUPANCY:	R-II
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	X YES NO

REVIEWED BY: *[Signature]* DATE: 12/17/13



LAS VEGAS VALLEY WATER DISTRICT
1001 S. VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89163
(702) 870-2011

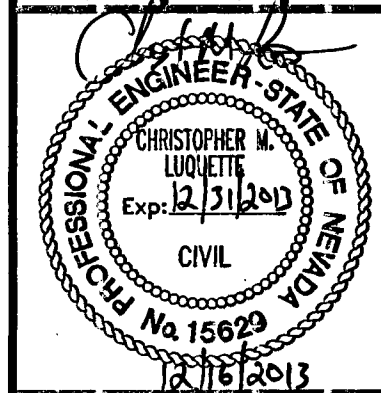


VERIFY SCALE
1/2" = 1'
BAR REPRESENTS ONE AND ONE-HALF INCHES ON ORIGINAL

SPRINGS PRESERVE SOLAR HOUSE
SITE INFRASTRUCTURE

SITE YARD PIPING PLAN

DRAWN BY: TUAN M. NGUYEN
CHECKED BY: CHRISTOPHER M. LUQUETTE
RECOMMENDED BY: JOSEPH T. LIN
ACCEPTED BY: PETER J. JAUCH
DATE: 12/18/13



CONTRACT NUMBER

C1387

DRAWING NUMBER C2
SHEET 9 OF 18

#52213

CLV DWG # 565-485