

NO.	DATE	INITIALS	DESCRIPTION

WASHOE COUNTY - SW VISTAS
LIFT STATION ABANDONMENT & SEWER MAIN EXTENSION
PLAN & PROFILE
PWP #XX-2018-XXX
NEVADA
WASHOE COUNTY

DESIGNED BY: LJ
DRAWN BY: RCC
CHECKED BY:
DATE: 08-28-2018
JOB NO. WC-SW18

SHEET NO.
C2.0
4 OF 8

GENERAL NOTES

- PIPE LENGTHS SHOWN WERE CALCULATED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
- CONTRACTOR SHALL USE DEBRIS CONTAINMENT DEVICES WHEN WORKING IN AND/OR AROUND ALL SANITARY SEWER MANHOLES, STORM DRAIN MANHOLES AND DROP INLETS.
- ALL SANITARY SEWER IMPROVEMENTS (MANHOLES, PIPES, ASPHALT & CONCRETE PATCHING, ETC.) SHOWN ON THESE PLANS ARE OWNED & MAINTAINED BY WASHOE COUNTY.

INSTALLATION & DEMOLITION SEQUENCE

- INSTALL PROPOSED SS FROM EXISTING DOWN STREAM STUB AT STA 4+30.43, UPSTREAM TO WITHIN ±10' OF UPSTREAM EXISTING SSMH AT STA 1+00.
- TEMPORARILY PLUG OUTLET AT EXISTING DOWN STREAM MANHOLE AT STA 4+30.43.
- BYPASS PUMP FROM NEXT EX. SSMH UPSTREAM OF EXISTING SSMH AT STA 1+00, TO LIFT STATION.
- CORE, INSTALL, AND GROUT 8" CONNECTION AT EX SSMH AT STA 1+00.
 - FLUSH AND VIDEO (MAKE CORRECTIONS IF NEEDED).
 - BYPASS PUMP TO SSMH #2 AT STA 1+51.62.
- TEMPORARILY PLUG SE OUTLET OF SSMH AT STA 1+00.
- REMOVE BYPASS PUMPING AND TRIAL RUN FOR CAPACITY FOR ± 1 WEEK (COORDINATE WITH WASHOE COUNTY).
- PERMANENTLY CAP AND GROUT SE OUTLET AT STA 1+00.
- TAKE EXISTING LIFT STATION OFFLINE (CUT OFF POWER).
- PROCEED WITH DEMOLITION OF LIFT STATION AND FORCE MAIN PER SHEETS C3.0 & C3.1.

LEGEND

- S - EXISTING SANITARY SEWER
- S - PROPOSED SANITARY SEWER
- G - EXISTING GAS LINE
- W - EXISTING WATER LINE
- OH - EXISTING OVERHEAD ELECTRIC
- E - EXISTING UNDERGROUND ELECTRIC
- - - - - EDGE OF GRAVEL
- - - - - EXISTING EASEMENT
- - - - - PROPOSED SEWER EASEMENT
- - - - - PROPERTY LINE
- - CHAIN LINK FENCE
- - - - - EXISTING MAJOR CONTOUR
- - - - - EXISTING MINOR CONTOUR
- SS - EXISTING SANITARY SEWER MANHOLE
- SS - PROPOSED SANITARY SEWER MANHOLE
- - GUIDE POST
- T - TRANSFORMER

BASIS OF BEARING

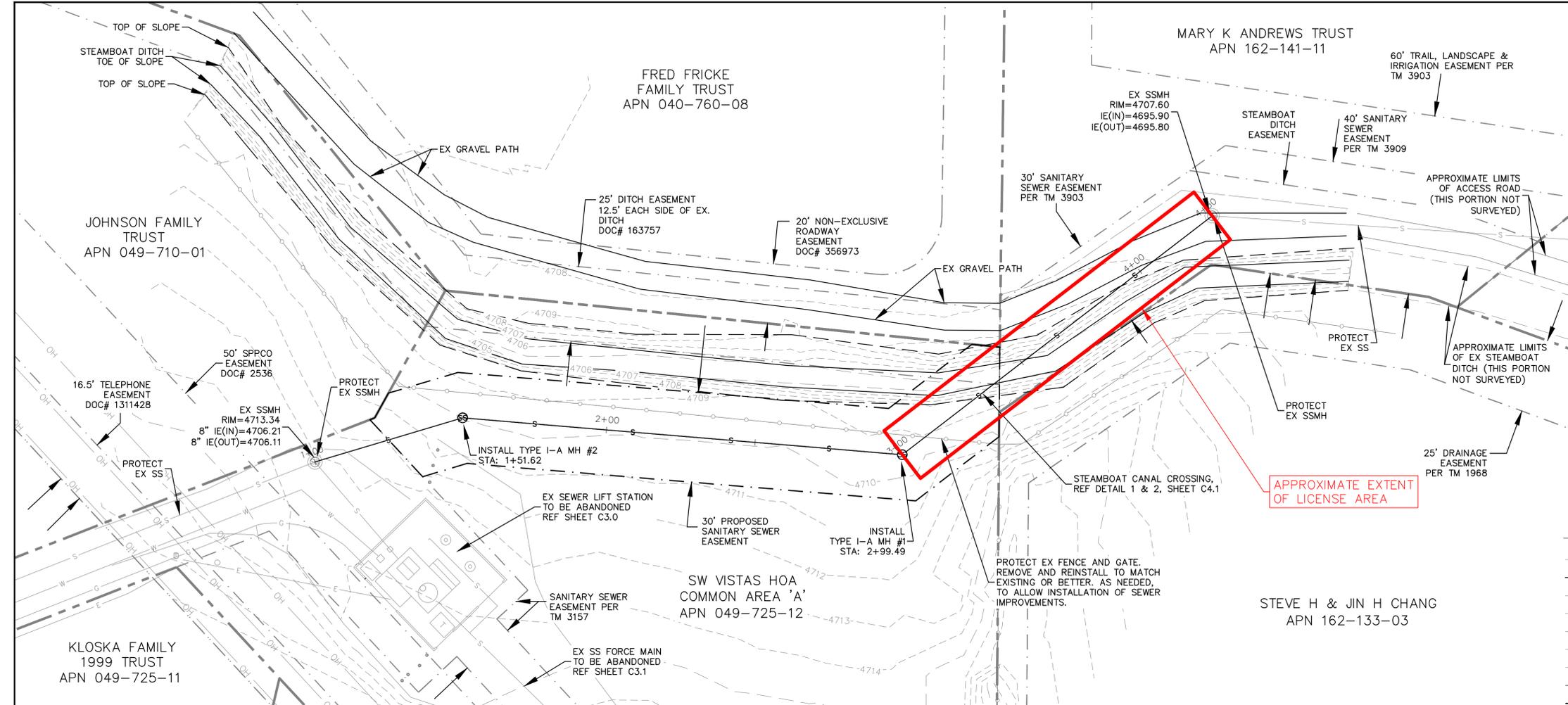
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NEVADA STATE PLANE COORDINATE SYSTEM, NAD 83/94 (HARN), COORDINATES SHOWN ARE GRID. MEAN COMBINATION FACTOR = 0.9998021000.

BASIS OF ELEVATION

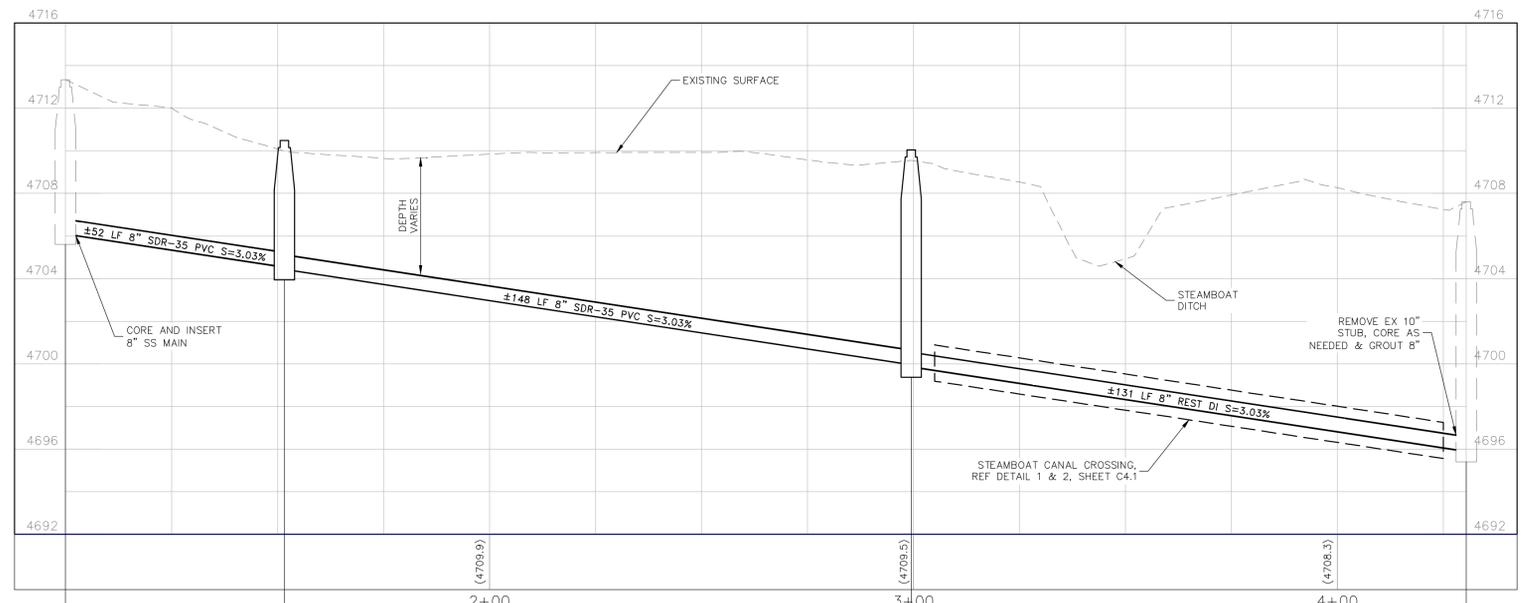
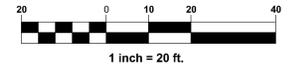
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS NAVD 88, BASED UPON BRASS DISC IN MONUMENT WELL, WASHOE COUNTY ID# S62SM15047, EL = 4738.62.

CAUTION - NOTICE TO CONTRACTOR

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND FEATURES AS SHOWN ON THESE PLANS IS BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE LOCATIONS AND/OR ELEVATIONS AT THE PROPOSED POINTS OF CONNECTION AND IN AREAS OF POSSIBLE CONFLICT PRIOR TO BEGINNING CONSTRUCTION. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE OR RELOCATE ALL EXISTING UTILITIES AND FEATURES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. CONTRACTOR SHALL OBTAIN APPROVALS FROM THE GOVERNING AGENCIES, THE ENGINEER, AND THE UTILITY COMPANIES PRIOR TO SUCH REMOVAL AND/OR RELOCATION.
- THE CONTRACTOR ASSUMES ALL RISK FOR ANY CONSTRUCTION PERFORMED WITH PRELIMINARY OR NONAPPROVED PLANS.
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL IN CONFORMANCE WITH THE LATEST EDITION OF MUTCD WHENEVER CONSTRUCTION IS IN PROGRESS WITHIN THE PUBLIC TRAVEL WAY.



GRAPHIC SCALE



EX SSMH #1 - STA: 1+00
RIM = 4713.34
IE 8" IN = 4706.21 (SW)
IE 8" OUT = 4706.11 (NE)
CONNECT 8" PVC OUT = 4706.11 (NE)

PROPOSED SSMH #2 - STA: 1+51.62
RIM = 4710.49
IE 8" PVC IN = 4704.55 (SW)
IE 8" PVC OUT = 4704.45 (E)

PROPOSED SSMH #1 - STA: 2+99.49
RIM = 4710.05
IE 8" PVC IN = 4699.97 (W)
IE 8" PVC OUT = 4699.97 (NE)

EX SSMH #2 - STA: 4+30.43
RIM = 4706.80
IE 8" PVC IN = 4695.90 (W)
IE 8" PVC OUT = 4695.80 (E)