BUKRE CREEK HIGHWAY 50 CROSSING AND REALIGNMENT PROJECT – PHASE 1 STATELINE, NEVADA

Nevada Tahoe Conservation District 400 Dorla Ct., PO Box 915 Zephyr Cove, Nevada 89448 (775) 586-1610

The following modifications are hereby made to the Bidding and Contract documents for the above referenced project:

CHANGES TO THE BID DOCUMENTS

ITEM 1: For Bid Item 13, "Utility Relocation – Communication," the Contractor shall base his/her estimate on a contract with Frontier Communications not to exceed \$50,000.00. If, during construction, the contract with Frontier Communications exceeds \$50,000.00, a change order will be executed. The Contractor shall coordinate all necessary activities with the utility agency in order to complete or facilitate the subject relocation.

ITEM 2: For Bid Item 12, "Utility Relocation – Gas," the Contractor shall base his/her estimate on a contract with Southwest Gas not to exceed \$32,000.00. If, during construction, the contract with Southwest Gas exceeds \$32,000.00, a change order will be executed. The Contractor shall coordinate all necessary activities with the utility agency in order to complete or facilitate the subject relocation. See attached drawings for proposed Southwest Gas relocation.

CLARIFICATION ITEMS

CLARIFICATION ITEM 1: A signed copy of Addendum 3 shall be attached to and submitted with the bid proposal.

ATTACHMENTS

Southwest Gas Plans (3)

END OF ADDENDUM

Name of Firm:	Date:	
Ву:		

Notes And Conditions

- All trench is to be backfilled and compacted on a daily basis. The crew should excavate only as much trench as can be
- completed in a given day. All spoil material from the excavated trench is to be stored (piled) on the uphill side of the trench prior to its removal Sediment rolls are to be located on the downhill side of the trench as per TRPA Guidelines. Please refer to Erosion
- Control Detail. Import material is to be used to pad and shade all excavated Import material is to be used to pad and shade all excavat-trench unless otherwise noted. All spoil material is to be removed and taken to an authorized landfill. The backfilled trench is to be compacted as per the permitting agency specifications. A minimum of 90% compaction must be met in all cases. Teach to the operational within and path of much the
- Trench is to be constructed within road right-of-way in the shoulder adjacent to the paved roadway or within the paved shoulder adjacent to the paved roadway or within the paved roadway itself. Under no arcumstances is trenent to be constructed in the unimproved (vegetated) area of the night-of-way unless so specified on this drawing and on the TRPA permit. No field change to such an unimproved location can be made without revision of this drawing and the TRPA permit and receiving futher approval from TRPA. Care is to be exercised to return the area excavated to aclose as possible to its oniginal condition. Any vegetation removed or damaged is to be replaced in accordance with the TRPA handbook of BMPs.
 Trench is to be excavated to the depth and width as indicated on the Trench Detail(s). Copies of All Required Encroachment Permits and the TRPA permit are to be kept at the jobsite during construction. Site stabilization and/or revegetation shall be completed

- Site stabilization and/or revegetation shall be completed within 72 hours or if precipitation is forecasted, whichever
- comes first to prevent erosion
- comes first to prevent erosion.

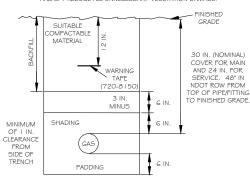
 All pavement excavation shall be immediately covered with temporary cut-back A.C. until permanent paving is placed.

 All staging of construction equipment and materials, including spoil piles, shall be limited to paved surfaces. No new areas of disturbance shall be created for construction staging and parking areas, including the stockpling of materials. All overlicles shall park on existing paved surfaces or existing road shoulders. Establishment of equipment and/or vehicle storage areas is prohibited.

NOTES: AFTER REPAVING, THE PATCH WILL BE WEATHER SEALED 12" BEYOND THE CUT WITH AN APPROVED SEAL.

ALL EXISTING V-DITCHES \$ SHOULDERS SHALL BE RECONSTRUCTED TO ORIGINAL GRADES \$ CONDITIONS.

MINIMIZE ALL CONSTRUCTION ACTIVITIES OUTSIDE SHOULDER AREAS & REDUCE ALL UNNECESSARY VEGETATION DAMAGE.



TRENCH DETAIL

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CONSTRUCTION NOTES

- REPAIR/REPLACE SIGNS, POST MILE MARKERS STRIPPING REMOVED OR DESTROYED BY
- CONTRACTORS.
 ONE IO' LANE OF TRAFFIC MUST BE KEPT OPEN AT ALL TIMES WITH APPROPRIATE TRAFFIC CONTROLS AND 2 LANES OPEN AT NIGHT.
 NO STOCKPILING ON ROADWAY OVERNIGHT OR FOR

- NO STOCKPILING ON ROADWAY OVERNIGHT OR FOR EXTENDED PERIODS OF TIME.

 TRAFFIC CONTROLS PER CAL-TRANS GUIDELINES AND APPROVED BY THE COUNTY TRAFFIC ENGINEER.

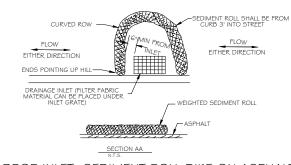
 DO NOT DISTURB AREAS OUTSIDE PROJECT AREAS, ALL DRIVEWAYS SHALL BE ACCESSIBLE AT ALL TIMES, EXCEPT DURING EXCAVATION. MINIMIZE ACTUAL TIME DRIVEWAYS ARE INACCESSIBLE. CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO ALLOW EMERGENCY INCRESS/ECRESS INTO DRIVEWAYS, OPTIONS INCLUDE TRENCHING ONE HALP OF THE DRIVEWAY FOR FACILITY INSTALLATION OR IMMEDIATE BACKFILL OF OPPEN TRENCH. BACKFILL OF OPEN TRENCH. CONSTRUCTION AREA SHALL BE SWEPT AND
- CLEANED ON A DAILY BASIS

DUST CONTROL

REQUIRED CONTROL AND PREVENTION OF

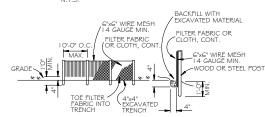
WIND BLOWN SOIL OR OTHER MATERIALS

FROM PROJECT SITE SHALL BE CLOSELY

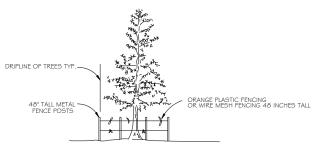


I. SEDIMENT ROLLS (WEIGHTED) TO BE UTILIZED.

TYP. DROP INLET SEDIMENT ROLL DIKE ON ASPHALT



FILTER FABRIC FENCE DETAIL



- I.) PLACING ANY MATERIAL TEMPORARY OR OTHERWISE-WITHIN PROTECTIVE FENCING OR ENTERING PROTECTION AREAS MAY RESULT IN UP TO A \$5,000.00 PENALTY PER VIOLATION PER DAY, (SECT 65.21 AND J)
- 2) THESE CONDITIONS ARE PART OF ALL PROJECTS AS CONDITIONS OF TRRA ATTACHMENTS R.S. AND Q.
- 3) METAL OR WIRE MESH FENCING MAY BE REQUIRED

VEGETATION PROTECTION FENCING 12" MINIMUM) (SEE NOTE 2 BELOW) SEDIMENT ROLL FINISHED GRADI

SEDIMENT ROLL DETAIL IN SLOPE AREA

SEDIMENT ROLL DETAIL IN FLAT AREA

- 1. 12" MINIMUM SEDIMENT ROLLS SHALL BE PLACED AND SECURED TO PREVENT SURFACE RUNOFF ALONG AND AROUND DISTURBED PROJECT AREA.
- 2. THE USE OF WEIGHTED SEDIMENT ROLLS PLACED CORRECTLY COULD MINIMIZE THE USE OF STAKING.

SEDIMENT BARRIER DETAIL

SWG NOTES AND CONDITIONS:

- PROPOSED GAS PIPING IS TO BE INSTALLED UTILIZING OPEN TRENCH METHOD UNLESS OTHERWISE
- REPLACEMENT FACILITIES SHOWN ON PROJECT DRAWINGS ARE APPROXIMATE IN LOCATION. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL FACILITIES ARE INSTALLED IN ACCORDANCE WITH SOUTHWEST GAS OPERATIONS MANUAL, POLICIES AND PROCEDURES.
- CONTRACTOR TO COMPLETE ALL APPLICABLE STEEL ATTRIBUTES INFORMATION ON AS-BUILT AND SOUTHWEST GAS WILL COMPLETE ALL APPLICABLE STEEL ATTRIBUTES ON THE WMIS WORK REQUEST.
- 4. CONTRACTOR WILL NOTIFY ALL ENTITIES 48 HOURS PRIOR TO COMMENCING WORK AND SHALL NOTIFY
- ALL BORING, INSERTION, TRENCHING, PADDING AND SHADING WILL BE IN ACCORDANCE WITH SOUTHWEST GAS AND LOCAL GOVERNMENTAL AGENCY SPECIFICATIONS.
- G. DETAILS SHOWN ARE BASED ON STANDARD CONSTRUCTION PROCEDURES. DEVIATIONS CAN BE IMPLEMENTED WITH SOUTHWEST GAS INSPECTOR AND/OR ENGINEERING SUPERVISOR APPROVAL COMMENTS WILL BE ENTERED ON WMIS.
- ENGINEERING APPROVAL MUST BE OBTAINED PRIOR TO DESIGN DEVIATIONS TAKING PLACE AND WMS COMMENTS UPDATED WITH NOTES BY APPROVING ENGINEER.
- PRESSURE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH SOUTHWEST GAS OPERATIONS MANUAL. POLICIES AND PROCEDURES
- PAVEMENT REPAIRS WILL BE IN ACCORDANCE WITH SOUTHWEST GAS, LOCAL GOVERNMENTAL AGENCY SPECIFICATIONS AND/OR ENCROACHMENT PERMIT CONDITIONS, THE MOST STRINGENT SPECIFICATIONS SHALL TAKE PRECEDENCE.
- 10. DESIGN, CONSTRUCTION AND WELDING WILL CONFORM WITH MINIMUM FEDERAL SAFETY DEDIEN, CONDITION AND ELECTION OF THE TRANSPORTATION OF NATURAL GAS BY PIPELINE (49 CFR PART 192). ALL WELDING SHALL CONFORM TO SOUTHWEST GAS OPERATIONS MANUAL AND API 1104 STANDARDS. ALL WELDING PROCEDURES USED FOR INSTALLATION OF STEEL PIPE MUST BE IN ACCORDANCE WITH HIGHEST GRADE OF SMYS VALUE AS STAMPED ON PIPE. DISCREPANCIES BETWEEN GRADE OF STEEL AND ACTUAL GRADE WILL BE DOCUMENTED ON AS-BUILT.
- II. FIELDS BENDS MAY NOT EXCEED I-1/2 DEGREES IN ONE NOMINAL PIPE DIAMETER OF LENGTH
- 12. ALL STEEL VALVES AND IRREGULAR FITTINGS ARE TO BE GREASED \$ WRAPPED, IN ACCORDANCE WITH SOUTHWEST GAS OPERATIONS MANUAL, POLICIES AND PROCEDURES.
- 13. OTHER FACILITIES SHOWN ON PROJECT DRAWINGS ARE APPROXIMATE IN LOCATION. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL FACILITIES.
- 14. ALL MAIN BEING TIED INTO IS OPERATING AT 43 PSIG.
- 15. NO PIPE OR FITTINGS TO BE CHANGED WITHOUT THE WRITTEN APPROVAL OF ENGINEERING MANAGER AND CONSTRUCTION MANAGER. COMPANY ASSIGNED PROJECT INSPECTOR SHALL CONTACT PROJECT ENGINEER TO OBTAIN APPROPRIATE MANAGEMENT APPROVALS PRIOR TO ANY CHANGES BEING MADE.
- I G. ALL PE MAIN AND SERVICE FACILITIES MUST BE SLEEVED WHEN REQUIRED AND INSTALLED IN ACCORDANCE WITH SOUTHWEST CAS OPERATIONS MANUAL, POLICIES AND PROCEDURES. CONTRACTOR/CONSTRUCTION TO IDENTIFY SIZE, MATERIAL, LENGTH AND LOCATION OF ALL SLEEVE INSTALLATIONS ON APPLICABLE AS-BUILT DOCUMENTATION.

POINTS

- ① INSTALL 14' OF 6" PE MAIN
- 3 ABANDON 29' OF 6" STL MAIN

EROSION CONTROL DETAIL

(TO BE AS FAR AWAY FROM

ROAD AS POSSIBLE)

NOTES: FIELD MODIFICATION OF THESE INSTALLATIONS
BY TRPA, COUNTY OR OTHER INSPECTORS MAY BE
REQUIRED AS CONDITIONS WARRANT.

RIGHT-OF-WAY

b) EXCAVATION ON UPHILL SIDE OF ROADWAY

PAVED ROADWAY

LIST APPLICABLE WELD PROCEDURES FOR STEEL FACILITIES WORKED ON

WELD PROCEDURE

RIGHT-OF-WA

TRENCH

a) EXCAVATION ON DOWNHILL SIDE OF ROADWAY

DURING CONSTRUCTION

WELDED BY

KINGSBURY GRADE

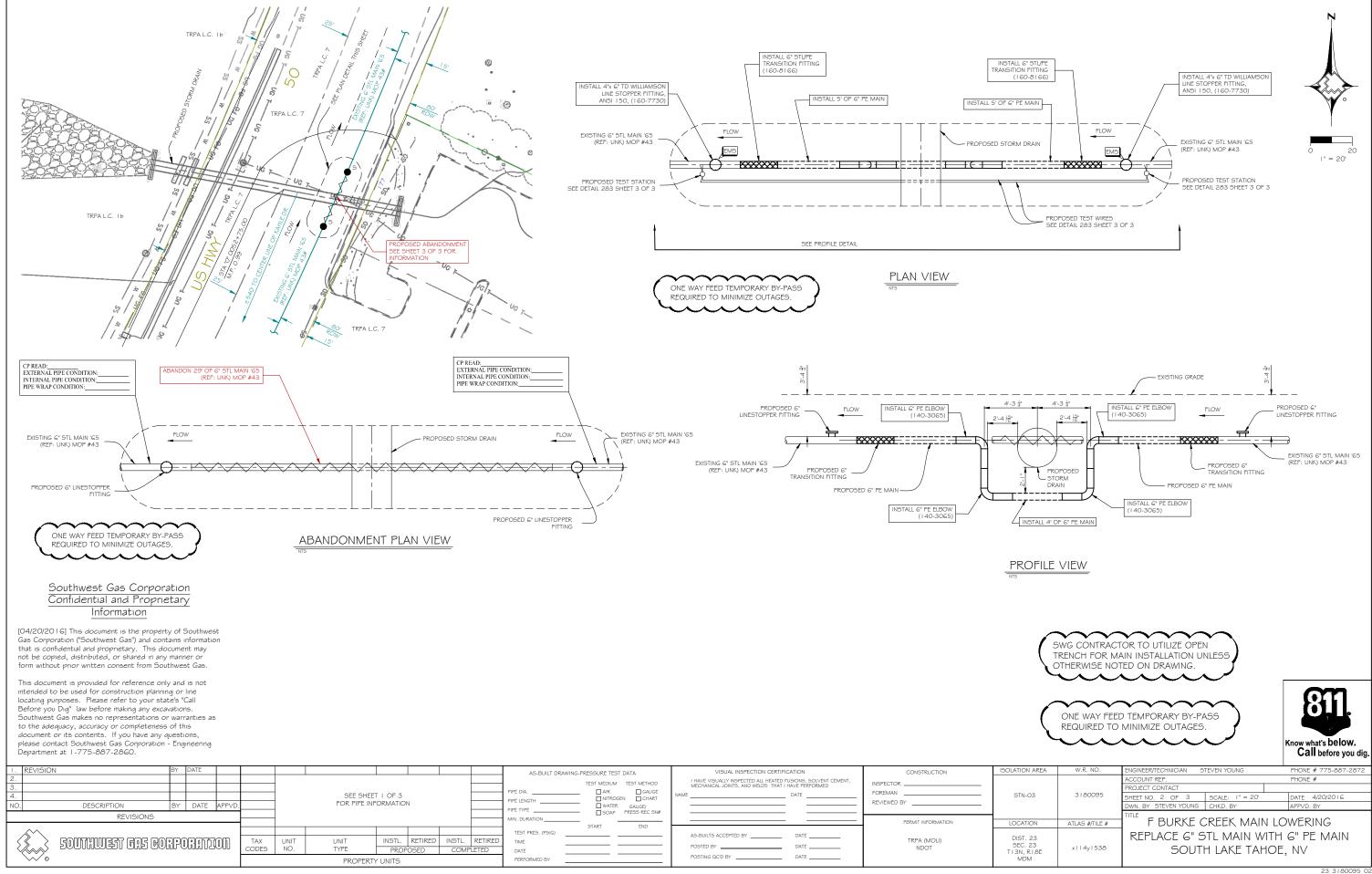
I. TRPA REQUIREMENT: ESTIMATED NUMBER OF BELL HOLE EXCAVATIONS ON THIS PROJECT = 2($4' \times 4' \times 3'$) OR OPEN TRENCH AREA = $30' \times 4' \times 3'$.

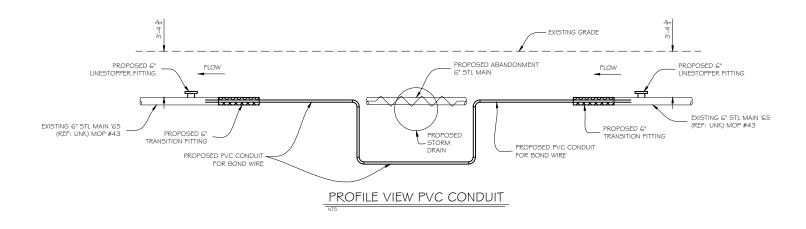


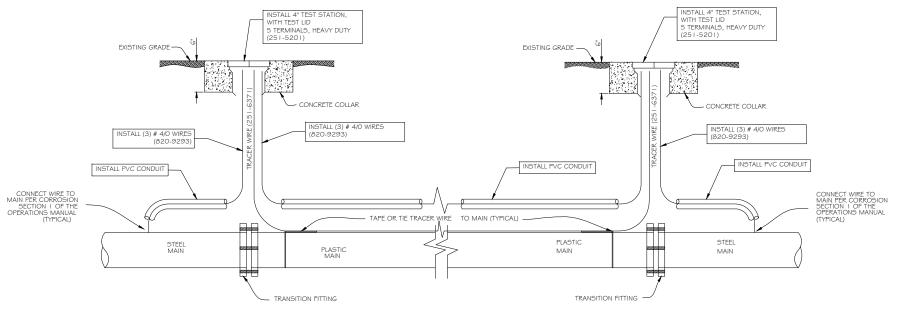
Departm	ent at 1-775-887-2860.												REFER TO SIGNATURE SH	EET FOR ORIGINALS	5					Call before you dig.
1. REVISI	ON	BY	DATE							AS-BUILT DE	AWING-PRESSURE TES	ST DATA	VISUAL INSPECTION CER	TIFICATION	CONSTRUCTION	ISOLATION AREA	W.R. NO.	ENGINEER/TECHNICIAN	STEVEN YOUNG	PHONE # 775-887-2872
2.												M TEST METHOD	I HAVE VISUALLY INSPECTED ALL HEATE MECHANICAL JOINTS, AND WELDS THA	ED FUSIONS, SOLVENT CEMENT,	INSPECTOR			ACCOUNT REP.		PHONE #
3.										PIPF DIA	DAIR	GAUGE	MECHANICAL JOINTS, AND WELDS THA	AT I HAVE PERFORMED	FOREMAN			PROJECT CONTACT		
4.										PIPE LENGTH	NITRO		NAME	DATE		STN-03	3180095		SCALE: NTS	DATE 4/20/2016
NO.	DESCRIPTION	BY	DATE APP	VD.						PIPF TYPF	□ WATER		-		REVIEWED BY			DWN. BY STEVEN YOUNG	CHKD. BY	APPVD. BY
	REVISIONS									MIN. DURATION	— □ SOAP	PRESS REC SN#						F BURKE CREEK MAIN LOWERING		L LOWEDING
					20 3800106	6" PE	14'				START	END			PERMIT INFORMATION	LOCATION	ATLAS #/TILE #	_ F BURKE	CREEK MAIN	LOWERING
					20 3760206	6" STL		29'		TEST PRES. (PSIG)			AS-BUILTS ACCEPTED BY	DATE		DICT 02		REPLACE C"	STI MAIN W!	ITH 6" PE MAIN
1 < % >	SOUTHWEST GRS B	DEEDU	بالالكلافائا	TAX	UNIT	UNIT	INSTL.	RETIRED	INSTL. RETIRED	TIME			POSTED BY	DATE	TRPA (MOU) NDOT	DIST. 23 SEC. 23				
				CODES	NO.	TYPE	PRO	POSED	COMPLETED	DATE			-	DATE	NDOI	T13N, R18E	x114y1538	500	TH LAKE TAH	OE, NV
\						PROPER	TY UNITS			PERFORMED BY			POSTING QC'D BY	DATE		MDM				-

SITE

LOCATION SKETCH







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DETAIL 283 BOND CABLE

PVC CONDUIT FOR BOND WIRE TO FOLLOW 6" PE MAIN

SWG CONTRACTOR TO UTILIZE OPEN TRENCH FOR MAIN INSTALLATION UNLESS OTHERWISE NOTED ON DRAWING.

ONE WAY FEED TEMPORARY BY-PASS REQUIRED TO MINIMIZE OUTAGES.



1.	REVISION BY DATE					AS-BUIL	DRAWING-PRESSURE TEST DATA		VISUAL INSPECTION CERTIF	ICATION	CONSTRUCTION	ISOLATION AREA	W.R. NO.	ENGINEER/TECHNICIAN STEVEN YOUNG	PHONE # 775-887-2872
2.							TEST MEDIUM TEST METI	HOD I H	HAVE VISUALLY INSPECTED ALL HEATED	FUSIONS, SOLVENT CEMENT,	INSPECTOR			ACCOUNT REP.	PHONE #
3.						PIPF DIA	DAIR DAUGE		ECHANICAL JOINTS, AND WELDS THAT	I HAVE PERFORMED	FOREMAN			PROJECT CONTACT	
4.				IEET I OF 3		PIPE LENGTH	□ NITROGEN □ CH			_ DATE		STN-03	3180095	SHEET NO. 3 OF 3 SCALE: NTS	DATE 4/20/2016
NO	DESCRIPTION BY DATE APPVD.		FOR PIPE INFORMATION			PIPE TYPE	■ WATER GAUGE/	_			REVIEWED BY			DWN, BY STEVEN YOUNG CHKD, BY	APPVD. BY
	REVISIONS					MIN DURATION	SOAP PRESS REC	C 5N#						TITLE E DUDKE ODEEK MAII	LI OU EDINO
	·						START END				PERMIT INFORMATION	LOCATION	ATLAS #/TILE #	F BURKE CREEK MAIN LOWERING	
	<u> </u>					TEST PRES. (PSI	G)	AS	5-BUILTS ACCEPTED BY	DATE		DIST. 23		REPLACE 6" STL MAIN W	/ITH C" PF MAIN
	(%> 50UTHWEST GRS BORPORATION	TAX	UNIT UNIT		TRED INSTL. RET	RED TIME		PO	NSTED BY	DATE	TRPA (MOU) NDOT	SEC. 23		I	
	⟨ ₩₩	CODES	NO. TYPE	PROPOSED	D COMPLETED	DATE			55125 51	DAIL	NDOI	T13N, R18E	x114y1538	SOUTH LAKE TAI	HOE, NV
√ ∘		PROPERTY UNITS				PERFORMED BY		PO	POSTING QCD BY DATE			MDM			•