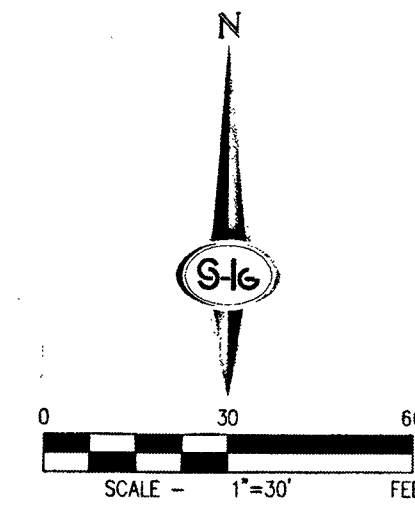
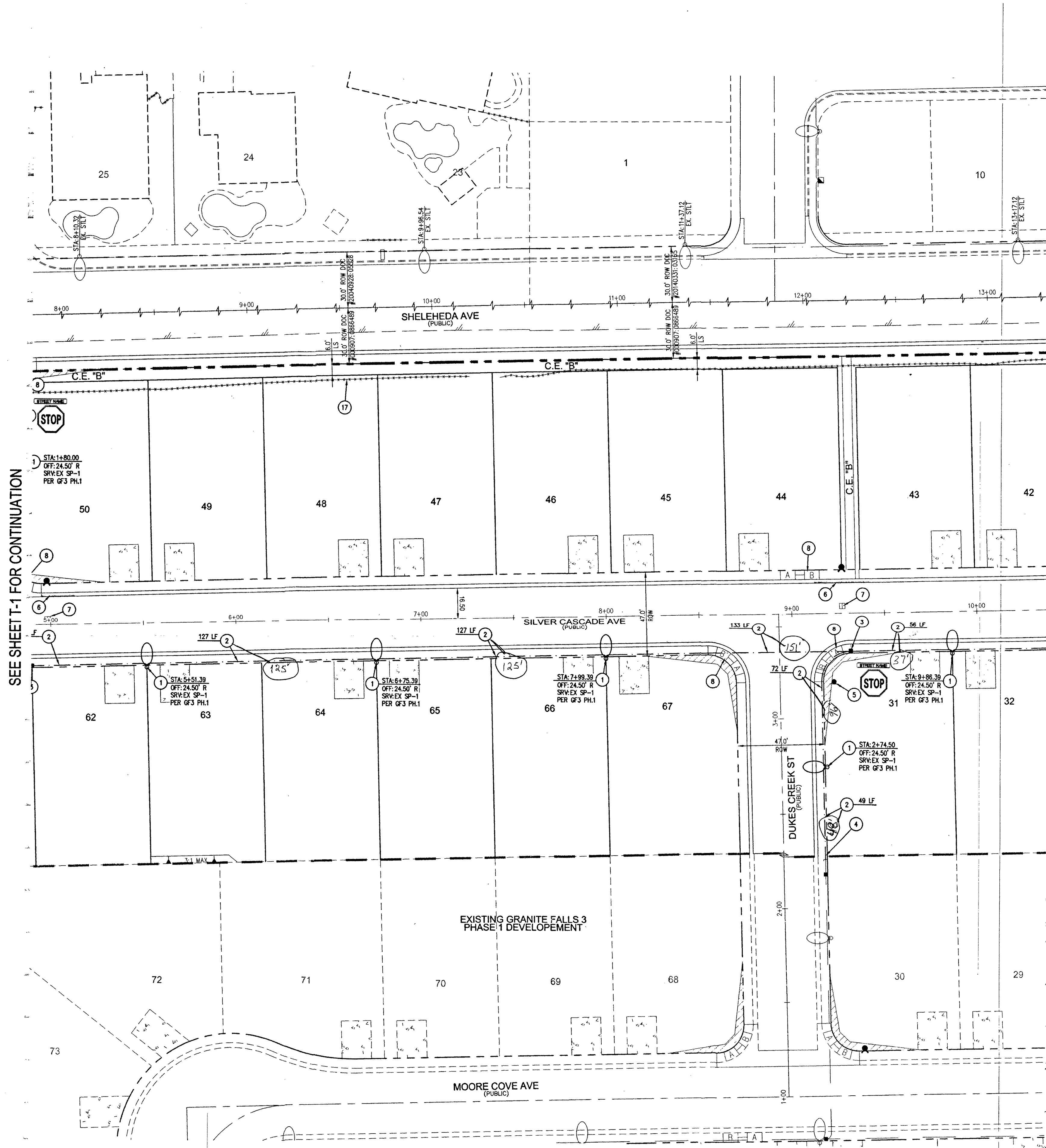


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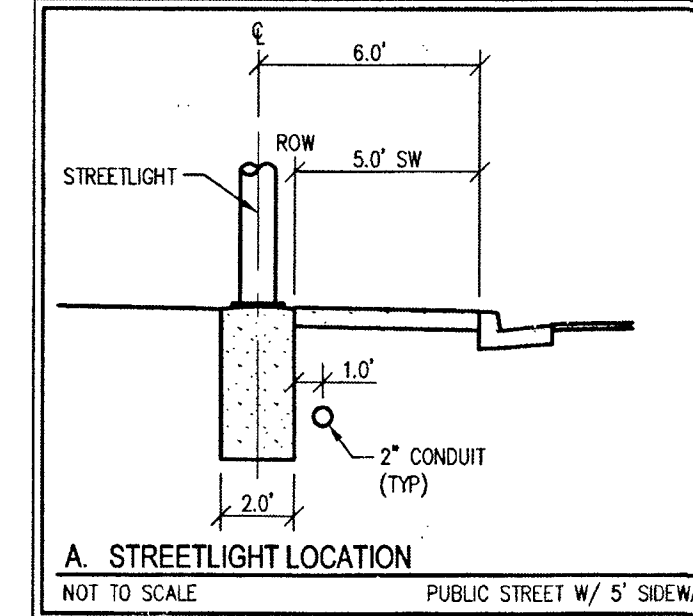
SEE SHEET T-1 FOR CONTINUATION

SEE SHEET T-3 FOR CONTINUATION



SIGN LEGEND

- STREET NAME**
9" OR 12" STREET NAME SIGN (D-3, 2 PER POLE)
30" OR 36" STOP SIGN W/POST (R1-1)
NO PARKING ANYTIME SIGN (R7-1APR) (18" X 24")
SPEED LIMIT SIGN (W13-1) 15 MPH
ARROW SIGN (W1-6)
ARROW SIGN (W1-1)
EXISTING OBJECT MARKER (OM3-R)
250 WATT STREETLIGHT LUMINAIRE
EXISTING STREETLIGHT
TRAFFIC SIGN (AS INDICATED)
REFLECTIVE RAISED PAVEMENT MARKERS
SIGHT VISIBILITY ZONE
EXISTING STRIPING
SEE SHEET C-2 FOR ABBREVIATIONS AND QUANTITIES



TRAFFIC NOTES

1. INSTALL MODEL W14-2-70A-NW LED STREETLIGHT LUMINAIRE PER CCAUSD NO. 314, 320, 321 AND DETAIL A HEREON
 2. INSTALL 2" PVC SCHEDULE 40 STREET LIGHT CONDUIT W/ (2) #4 AND (1) #6 TIE W/ COPPER CONNECTORS (TYP)
 3. INSTALL NO. 3 1/2 PULL BOX PER CCAUSD NO. 326
 4. CONNECT STREET LIGHT CONDUIT TO EXISTING STUB
 5. INSTALL 30" STOP SIGN (R1-1) W/9" ST. NAME SIGNS (D-3, TWO PER POLE)
 6. PLANT CURB RED 15' EACH SIDE OF FIRE HYDRANT FOR A TOTAL OF 30' (CURB LENGTH PERMITTING)
 7. INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS
 8. CONSTRUCT SIDEWALK RAMP USING ANIR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD NO. 235, CASE 1
 9. OBLITERATE EXISTING STRIPING AND RAISED PAVEMENT MARKERS
 10. EXISTING 8" WIDE SOLID WHITE EDGE LINE
 11. INSTALL 9" ST. NAME SIGNS (D-3, TWO PER POLE)
 12. INSTALL "NO PARKING ANYTIME" SIGN (R7-1APR)
 13. EX 200 AMP SERVICE PEDESTAL PER GRANITE FALLS 3 PH1 (OLV1070503-1)
 14. INSTALL 36" STOP SIGN (R1-1) W/ 12" ST. NAME SIGN (D-3), TWO PER POLE
 15. REMOVE EXISTING SIGNAGE
 16. INSTALL MODEL WERS10AEX5404RAY008 LED STREETLIGHT LUMINAIRE PER CCAUSD NO. 314, 320, 321, AND DETAIL A HEREON
 17. EXISTING FENCE TO BE REMOVED
 18. EXISTING FENCE TO REMAIN
 19. EXISTING TYPE I CENTERLINE PER CCAUSD NO. 244
 20. INSTALL W1-6R RIGHT ARROW SIGN
 21. INSTALL W1-6L LEFT ARROW SIGN
 22. INSTALL W13-1 (15 MPH) SIGN
 23. INSTALL W1-1R RIGHT ARROW SIGN
 24. INSTALL W1-1L LEFT ARROW SIGN
- SEE SHEET C-2 FOR ABBREVIATIONS, QUANTITIES & ADDITIONAL LEGEND

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES INCLUDING LOCATION, ELEVATION AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. SEE HORIZONTAL CONTROL PLANS AND FINAL MAP FOR EXACT BOUNDARY BEARINGS AND DISTANCE.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
5. SLATER HANIFAN GROUP ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES INCLUDING BUT NOT LIMITED TO THE WATER, FIRE, SANITARY, TELEPHONE, POWER, GAS, AND IRRIGATION LINES AND ALL EXISTING UTILITIES SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. IF CONFLICTS EXIST IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.
6. DISCLAIMER NOTE: EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
7. DISCLAIMER NOTE: FOR ROADWAY WIDENING AND HALF STREET IMPROVEMENTS THE CONTRACTOR SHALL VERIFY CROSS SLOPES FROM EXISTING PAVEMENT SAWTOOTH LINE TO PROPOSED EDGE OF PAVEMENT OR PROJECTED LIP OF CURB PRIOR TO SUBGRADE PREPARATION AND CONSTRUCTION OF PROPOSED CURB LINE. IF MINIMUM OR MAXIMUM CROSS SLOPES DO NOT MEET AGENCY STANDARDS THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
8. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONES.

BASIS OF BEARING

SOUTH 00°23'54" EAST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 60 EAST, W.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREIN IN BOOK 148, PAGE 39 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK

BENCHMARK NUMBER 61V901202NINE
RIVET AND PLATE IN TOP OF CURB ON THE SOUTH SIDE OF IRON MOUNTAIN ROAD, 35'± SOUTHEAST OF PI OF LEON DRIVE AND IRON MOUNTAIN ROAD.
ELEVATION = 725.053 METERS, 2378.778 US SURVEY FEET
N.A.S.D. 88 DATUM
PER THE CITY OF LAS VEGAS BENCHMARKS, 2008 ADJUSTMENT (UPDATED MAY 24, 2010)

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

CITY OF LAS VEGAS, NEVADA

RICHMOND
AMERICAN HOMES

GRANITE FALLS 3-PHASE 2
TRAFFIC PLAN II

DATE: 9/5/16

DRAFTER: JMT

DESIGNER: IG

CHECKED: ARP

PROJECT NO.

RAH1322-005

ANGELA R. PINLEY
Exp. 12/31/2017
CIVIL
No. 21573 NV

T-2

SHEET 20 OF 21

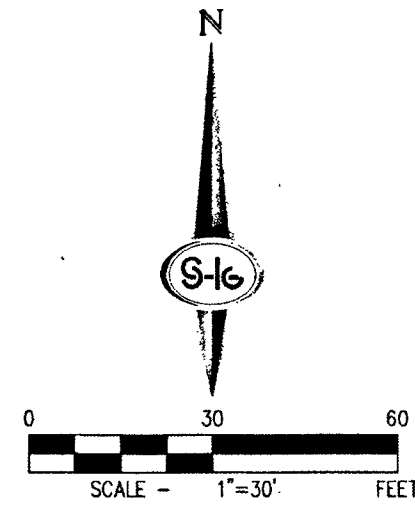
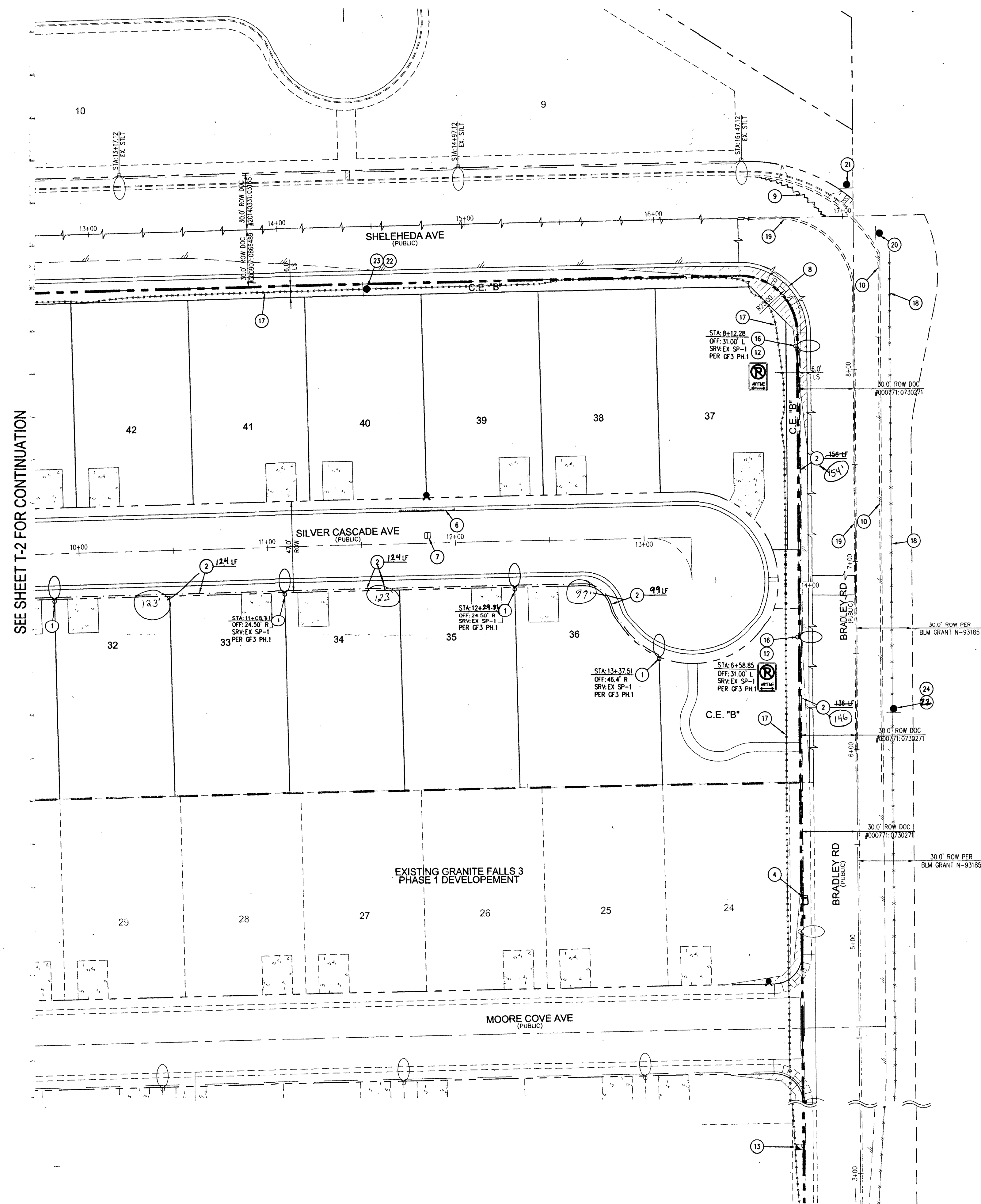
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10745087-2

LAS VEGAS FIRE AND RESCUE
FIRE DEPARTMENT
APPROVED
BY: *Angela Pinley 9/16/16*
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW 1,500 GPM AT 20 P.S.I. RESIDUAL.

FAST
Call before you dig
Underground
1-702-432-5300
www.fastnv.com

Call before you dig
Avoid hitting overhead power lines. It's costly.
Call before you dig
Underground
1-702-227-2929

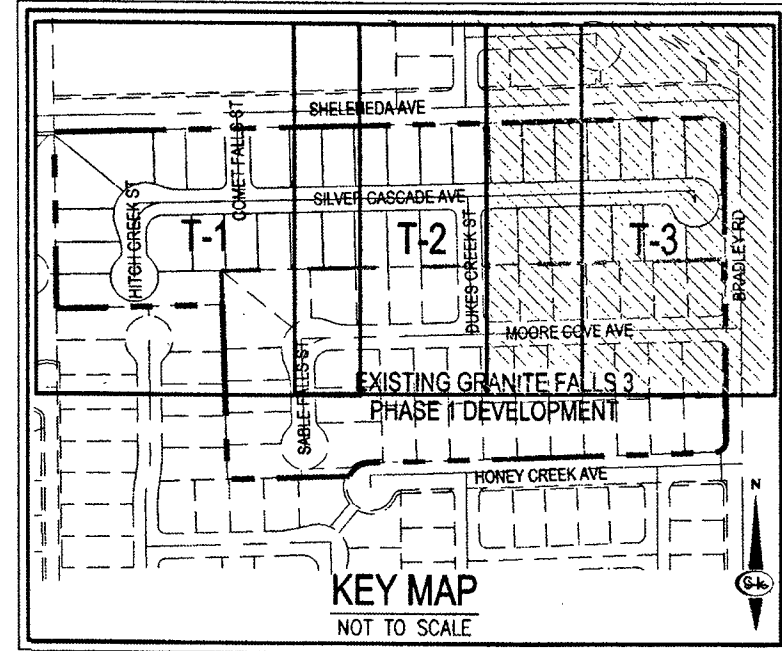
Call before you dig
Avoid hitting underground utility lines. It's costly.
Call before you dig
Underground
1-800-227-2600



SIGN LEGEND

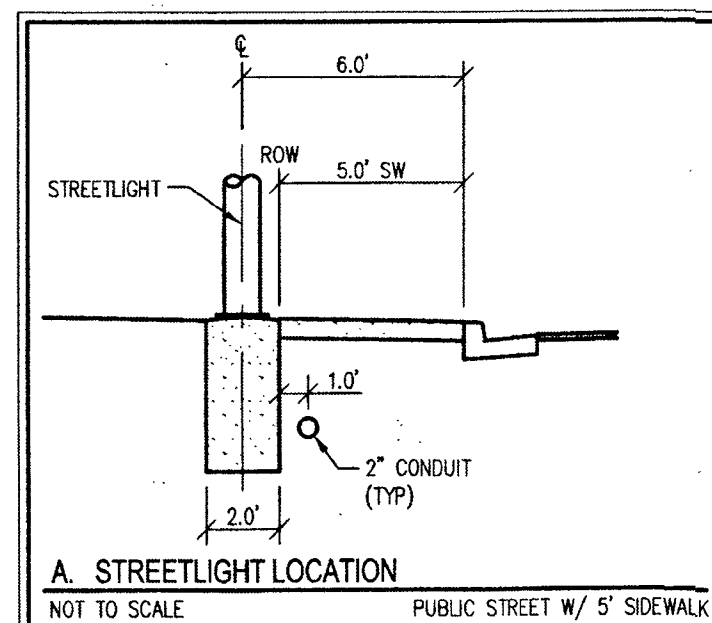
	9" or 12" STREET NAME SIGN (D-3, 2 PER POLE)
	30" or 36" STOP SIGN W/POST (R1-1)
	NO PARKING ANYTIME SIGN (R7-1A/P) (18" X 24")
	SPEED LIMIT SIGN (W13-1) 15 MPH
	ARROW SIGN (Wt-6)
	ARROW SIGN (Wt-1)
	EXISTING OBJECT MARKER (OW3-R)
	250 WATT STREETLIGHT LUMINAIRE
	EXISTING STREETLIGHT
	TRAFFIC SIGN (AS INDICATED)
	REFLECTIVE RAISED PAVEMENT MARKERS
	SIGHT VISIBILITY ZONE
	EXISTING STRIPING

SEE SHEET C-2 FOR ABBREVIATIONS AND QUANTITIES



- ### GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES INCLUDING LOCATION, ELEVATION AND DEPTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DISCREPANCIES TO THE PROJECT DESIGNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENGINEER PLOT TO CONSTRUCT.
2. SEE HORIZONTAL CONTROL PLANS AND FINAL MAP FOR EXACT BOUNDARY BEARINGS AND DISTANCE.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POND OR STORM PONDATION.
4. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
5. SLATER HANFMAN GROUP ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THE PROJECT PLANS ARE THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, WATER, GAS, ELECTRIC, SEWER, STORM SEWER, TELEPHONE, POWER, GAS AND CABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. IF CONFLICTS EXIST IN THE FIELD, THE CONTRACTOR SHALL CONSULT WITH THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.
6. DISCLAIMER NOTE: EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IF SMALL, WE WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
7. DISCLAIMER NOTE: FOR ROADWAY MEDIANING AND HALF STREET IMPROVEMENTS THE CONTRACTOR SHALL VERIFY CROSS SLOPES FROM EXISTING PAVEMENT SLOPES UNLESS TO PROPOSED SLOPES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBGRADE PREPARATION AND CONSTRUCTION OF PROPOSED CURB, IF MINIMUM OR MAXIMUM CROSS SLOPES DO NOT MEET THE STANDARD. THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
8. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (EXISTING OR PROPOSED) WITHIN THE PROPOSED CURB IF CURB EXIST) WITHIN THE SIGHT OBSCURITY ZONE.



- ## TRAFFIC NOTES
- (1) INSTALL MODEL MENTAL-20-704-AM LED STREETLIGHT LUMINAIRE PER CAUSWAY NO. 314, 320, 321 AND DETAIL A HEREON
 - (2) INSTALL 2' PVC SCHEDULE 40 STREET LIGHT CONDUIT W/ 2" #4 1/2" THW COPPER CONDUCTORS (TYP.)
 - (3) INSTALL NO. 3 1/2" PULL BOX PER CAUSWAY NO. 326
 - (4) CONNECT STREET LIGHT CONDUIT TO EXISTING SUB
 - (5) INSTALL 30" STOP SIGN (R1-1) W/9" ST. NAME SIGNS (D-3, TWO PER PILE)
 - (6) PAINT CURB RED 15' EACH SIDE OF FIRE HYDRANT FOR A TOTAL OF 30' (CURB LENGTH PERMITTING)
 - (7) INSTALL BLUE COLORED REFLECTIVE RASSED PAVEMENT MARKERS
 - (8) CONSTRUCT SIDEWALK RAMPS USING ANOR TILE TRUNCATED DOWNS OR EQUIVALENT PER CAUSWAY NO. 230, CASE 1
 - (9) ORBERATE EXISTING STRIPING AND RASSED PAVEMENT MARKERS
 - (10) EXISTING 8" WIDE SOLID WHITE EDGE LINE
 - (11) INSTALL 9" ST. NAME SIGNS (D-3, TWO PER PILE)
 - (12) INSTALL "NO PARKING ANYTIME" SIGN (R7-1APR)
 - (13) EX 200 AMP SERVICE PEDESTAL PER GRANITE FALLS 3 PH-1 (PL0710Y0537-1)
 - (14) INSTALL 36" STOP SIGN (R1-4) W/ 12" ST. NAME SIGN (D-3), TWO PER PILE
 - (15) REMOVE EXISTING SIGNAGE
 - (16) INSTALL MODEL HERSIDAVD5-0489AY080 LED STREETLIGHT LUMINAIRE PER CAUSWAY NO. 314, 320, 321, AND DETAIL A HEREON
 - (17) EXISTING FENCE TO BE REMOVED
 - (18) EXISTING FENCE TO REMAIN
 - (19) EXISTING TYPE I CENTERLINE PER CAUSWAY NO. 244
 - (20) INSTALL W1-6R RIGHT ARROW SIGN
 - (21) INSTALL W1-6L LEFT ARROW SIGN
 - (22) INSTALL W3-1 (15 MPH) SIGN
 - (23) INSTALL W1-1R RIGHT ARROW SIGN
 - (24) INSTALL W1-1L LEFT ARROW SIGN
- SEE SHEET C-2 FOR ABBREVIATIONS, QUANTITIES & ADDITIONAL LEGEND

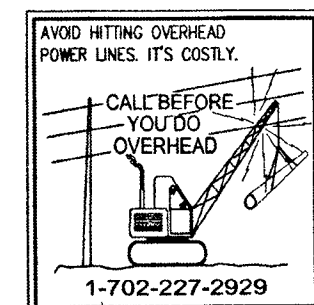
Basis of bearing

SOUTH 00°23'54" EAST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 1, TOWNSHIP 19 NORTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 148, PAGE 39 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK

BENCHMARK NUMBER 6LV9012NNW6
RIVET AND PLATE IN TOP OF CURB ON THE SOUTH SIDE OF
IRON MOUNTAIN ROAD, 35± SOUTHEAST OF PI OF LEON
DRIVE AND IRON MOUNTAIN ROAD.
ELEVATION = 725.053 METERS, 2378.778 US SURVEY FEET
N.A.V.D. 88 DATUM
PER THE CITY OF LAS VEGAS BENCHMARKS, 2008
ADJUSTMENT (UPDATED MAY 24, 2010)

LAS VEGAS FIRE AND RESCUE
FIRE DEPARTMENT
APPROVED
BY: *[Signature]* 9/6/16
APPROVAL OF THESE PLANS SHALL NOT BE
CONSTRUED TO BE A PERMIT FOR, OR AN
APPROVAL OF, ANY VIOLATION OF ANY OF THE
PROVISIONS OF THE STATE OR COUNTY LAWS.
FIRE FLOW 1,500 GPM AT 20 P.S.I. RESIDUAL.

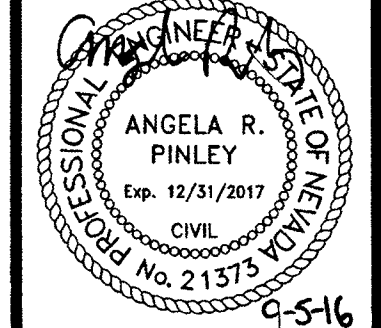


S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

[illegible]

RICHMOND
AMERICAN HOMES
GRANITE FALLS 3-PHASE 2
TRAFFIC PLAN III

DATE:	9/5/16
DRAFTER:	JMT
DESIGNER:	IG
CHECKED:	ARP
PROJECT NO.	
RAH1322-005	



T-3
SHEET 21 OF 21
N# 63202
107Y5037-2