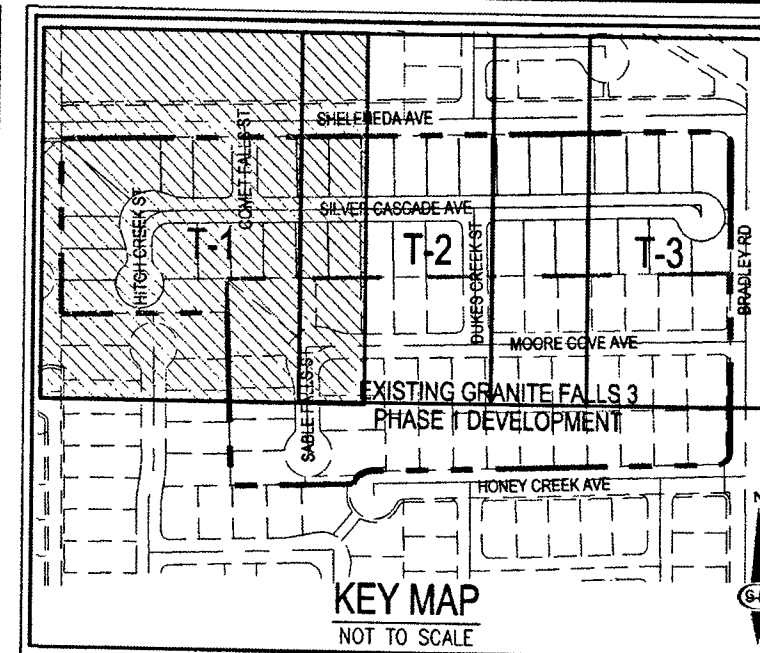
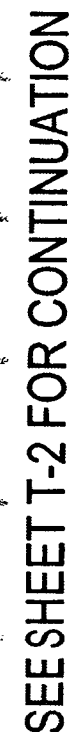
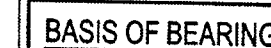




- ## GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES INCLUDING LOCATION, ELEVATION AND BEARINGS, AND REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. SEE HORIZONTAL CONTROL PLANS AND FINAL MAP FOR EXACT BEARING AND DISANCE.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION CONTROL (SWP) (SUPPLY).
4. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
5. SLATER HANFAN GROUP ASSUMES NO RESPONSIBILITY FOR SHOWING EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES ENGINEER ASSUMES RESPONSIBILITY FOR PROVIDING THIS INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL SEWER, STORM, SEWER, TELEPHONE, POWER, GAS, AND WATER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR SHOWING HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL UTILITIES SHOWN IN THEIR PROPER LOCATION. IF CONFLICTS EXISTS IN THE FIELD, THE CONTRACTOR SHALL CONTACT THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.
6. DISCLAIMER NOTE: EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE. ONLY THE RESPONSIBILITY OF THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES PRIOR TO LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES PRIOR TO LOCATION OF ALL EXISTING UTILITIES. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
7. DISCLAIMER NOTE: FOR ROADWAY WIDENING AND HALF STREET IMPROVEMENTS THE CONTRACTOR SHALL VERIFY ALL SLOPES FROM EXISTING PAVING SAWCUT LINE TO PROPOSED PAVING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SLOPES PREPARATION AND CONSTRUCTION OF PROPOSED CURB ELEVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE LINE IF MINIMUM OR MAXIMUM CROSS SLOPES DO NOT MEET 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 EXCEPT FOR EXISTING UTILITIES. THE CONTRACTOR SHALL EXIST) WITHIN THE SIGHT VISIBILITY ZONE.



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 SOUTH, 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 619012NNW6
RIVET AND PLATE IN TOP OF CURB ON THE SOUTH SIDE OF
IRON MOUNTAIN ROAD, 35± SOUTHEAST OF P1 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)

- ## TRAFFIC NOTES
- | | |
|------|--|
| (1) | INSTALL MODEL #_____
PER CAUSWAY NO. 314, 320, 321 AND DETAIL A HEREON |
| (2) | INSTALL 2" PVC SCHEDULE 40 STREET LIGHT HOD W/ (2) #1
(1) #1 THIN COPPER CONNECTORS (TYP.) |
| (3) | INSTALL NO. 3 1/2 PULL BOX PER CAUSWAY NO. 326 |
| (4) | CONNECT STREET LIGHT HOUSING TO EXISTING SUB |
| (5) | INSTALL 30" STOP SIGN (R1-1) W/9" ST. NAME SIGNS (D-3, TWO PER POLE) |
| (6) | PAIN'T CURB RED 15" EACH SIDE OF FIRE HYDRANT FOR A TOTAL
W/ 30" CURE LENGTH PERMITTING |
| (7) | INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKINGS |
| (8) | CONSTRUCT SIDEWALK RAMPS USING AMOR TILE TRUNCATED DOWNS
OR EQUIVALENT PER CAUSWAY NO. 325, CASE 2 |
| (9) | OBLITERATE EXISTING STRIPING AND RASSED PAVEMENT MARKERS |
| (10) | PAINTING 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) | EZ 200 AMP SERVICE PEDESTAL PER GRANITE FALLS 3 PH.1
(CLXY0175037-1) |
| (14) | INSTALL 36" STOP SIGN (R1-4) W/ 12" ST. NAME SIGN (D-3),
TWO PER POLE. |
| (15) | REMOVE EXISTING SIGNAGE |
| (16) | INSTALL MODEL #ER50A0454049AY008 LED STREETLIGHT
PER CAUSWAY NO. 314, 320, 321, AND DETAIL A HEREON |
| (17) | EXISTING FACE TO BE REMOVED |
| (18) | EXISTING FACE TO REMAIN |
| (19) | EXISTING TYPE I CENTERLINE PER CAUSWAY NO. 244 |
| (20) | INSTALL W1-R RIGHT ARROW SIGN |
| (21) | INSTALL W1-BL LEFT ARROW SIGN |
| (22) | INSTALL W1-3-1 (15 MPH) SIGN |
| (23) | INSTALL W1-R RIGHT ARROW SIGN |
| (24) | INSTALL W1-L LEFT ARROW SIGN |
- SEE SHEET C-2 FOR ABBERVATIONS, QUANTITIES & ADDITIONAL LEGEND

Call before you Dig.
Avoid cutting underground
utility lines. It's costly.

Call
811
or
1-800-227-2600

30
2 y 12'

S-I-G
SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
76740 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

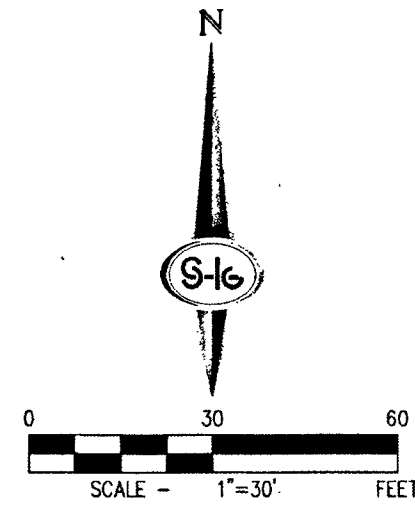
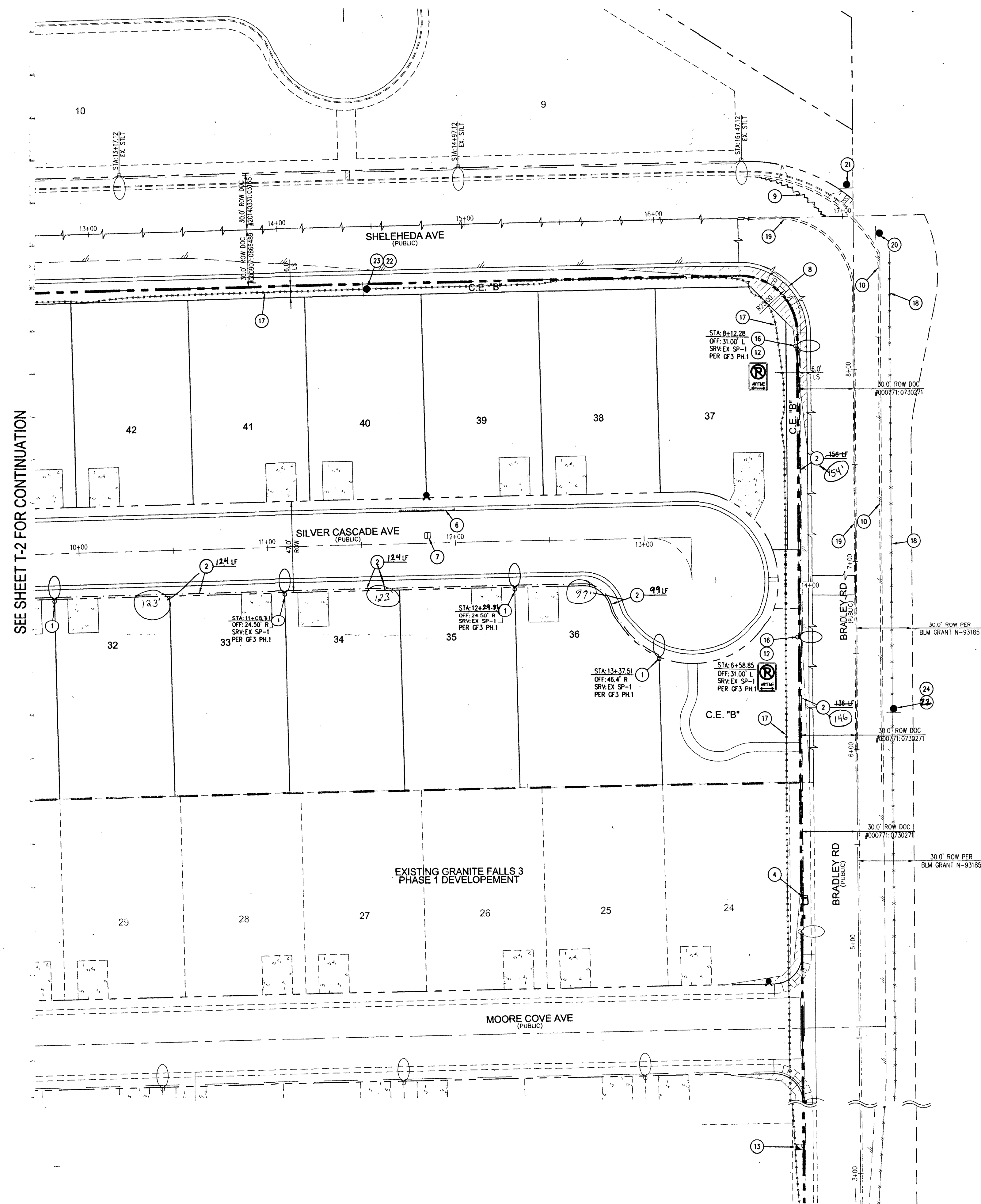
TRAFFIC PLAN I

CITY OF LAS VEGAS, NEVADA

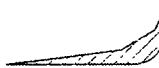
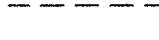
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19S
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DATE:	9/5/16
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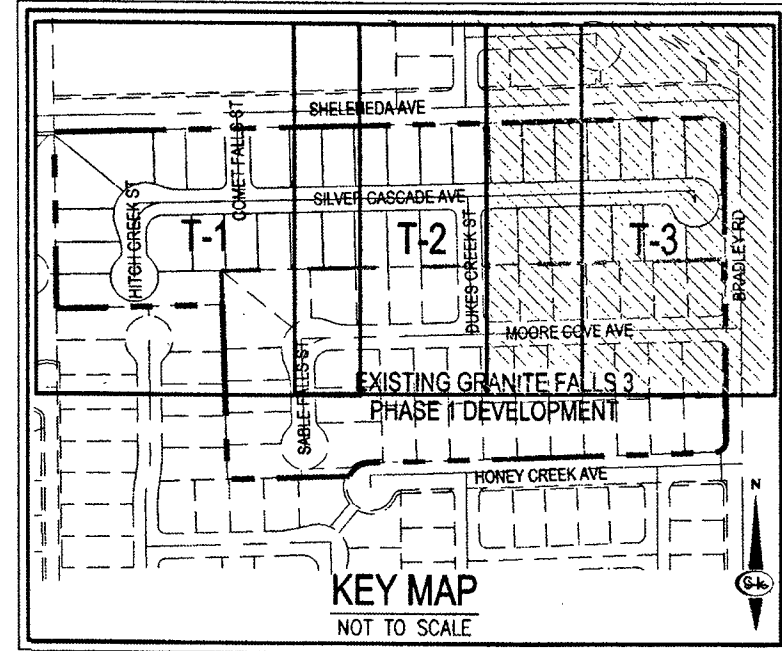
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SHEET 19 OF 21
H-63202
107Y5037-2



SIGN LEGEND

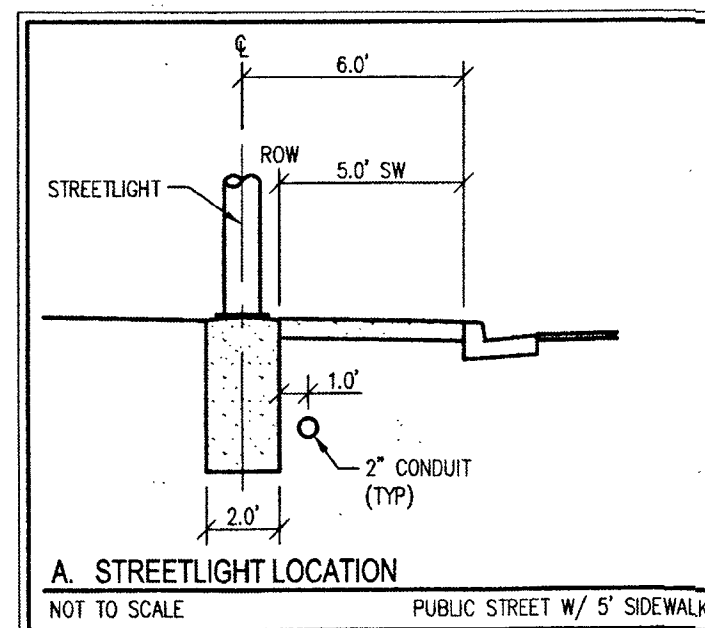
	9" or 12" STREET NAME SIGN (D-3, 2 PER POLE)
	30" or 36" STOP SIGN W/POST (RT-1)
	NO PARKING ANYTIME SIGN (R7-1APR) (18" X 24")
	SPEED LIMIT SIGN (W13-1) 15 MPH
	ARROW SIGN (W1-6)
	ARROW SIGN (W1-1)
	EXISTING OBJECT MARKER (OM3-8)
	250 WATT STREETLIGHT LUMINAIRE
	EXISTING STREETLIGHT
	TRAFFIC SIGN (AS 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 DETENTION BASIN.
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 DESIGNER'S 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 CORRECTLY LOCATED. 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 ZONES.



BASIS OF BEARING

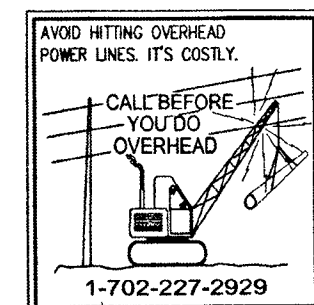
SOUTH 00°23'54" EAST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 148, PAGE 39 OF PLATS IN THE CLARK COUNTY RECORDER'S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

BENCHMARK

BENCHMARK NUMBER 619V012NNW6
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)

- ## TRAFFIC NOTES
- | | |
|----|--|
| 1 | INSTALL MODEL NUMBER 4-4-270-A 1/2" LED STREETLIGHT LUMINAIRE PER CAUSAD NO. 314, 320, 321 AND DETAIL A HEREON |
| 2 | INSTALL 2" PVC SCHEDULE 40 STREET LIGHT CONDUIT W/ (2) #4 (1) #6 THW CABLE CONNECTIONS (TYP) |
| 3 | INSTALL NO. 3 1/2" PULL BOX PER CAUSAD NO. 326 |
| 4 | CONNECT STREET LIGHT CONDUIT TO EXISTING STUB |
| 5 | INSTALL 30" STOP SIGN (R-1) W/9" ST. NAME SIGNS (D-3, TWO PER POLE) |
| 6 | PAINT CURB RED 15' EACH SIDE OF FIRE HYDRANT FOR A TOTAL OF 30' (6' LONG LENGTH PERMITTING) |
| 7 | INSTALL BLUE GRADEK REFLECTIVE RAISED PAVEMENT MARKERS |
| 8 | CONSTRUCT SIDEWALK RAMP'S USING AMOR, LEE TRUNCATED CONES OR EQUIVALENT PER CAUSAD NO. 235, CASE I |
| 9 | CELEBRATE 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 (FLX 070175037-1) |
| 14 | INSTALL 36" STOP SIGN (R-1-4) W/ 12" ST. NAME SIGN (D-3), TWO PER POLE |
| 15 | REMOVE EXISTING SIGNAGE |
| 16 | INSTALL MODEL JERCI0105404940Y008 LED STREETLIGHT LUMINAIRE PER CAUSAD 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 CAUSAD NO. 244 |
| 20 | INSTALL W1-6R RIGHT ARROW SIGN |
| 21 | INSTALL W1-6L LEFT ARROW SIGN |
| 22 | INSTALL W1-3-1 (15 MPH) SIGN |
| 23 | INSTALL W1-1R RIGHT ARROW SIGN |
| 24 | INSTALL W1-1L LEFT ARROW SIGN |
- SEE SHEET C-2 FOR APPROXATIONS, QUANTITIES & ADDITIONAL LEGEND

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.



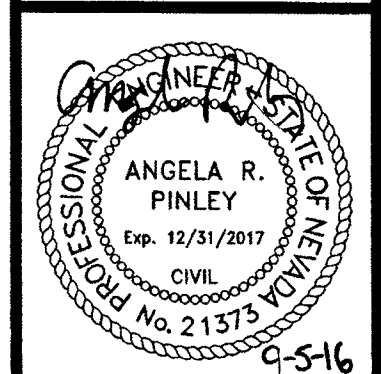
S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

[illegible]

RICHMOND
AMERICAN HOMES
CITY OF LAS VEGAS, NEVADA
GRANITE FALLS 3-PHASE 2
TRAFFIC PLAN III

S1 T19S R60E	
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DATE:	9/5/16
DRAFTER:	JMT
DESIGNER:	IG
CHECKED:	ARP
PROJECT NO.	
RAH1322-005	



T-3
SHEET 21 OF 21
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