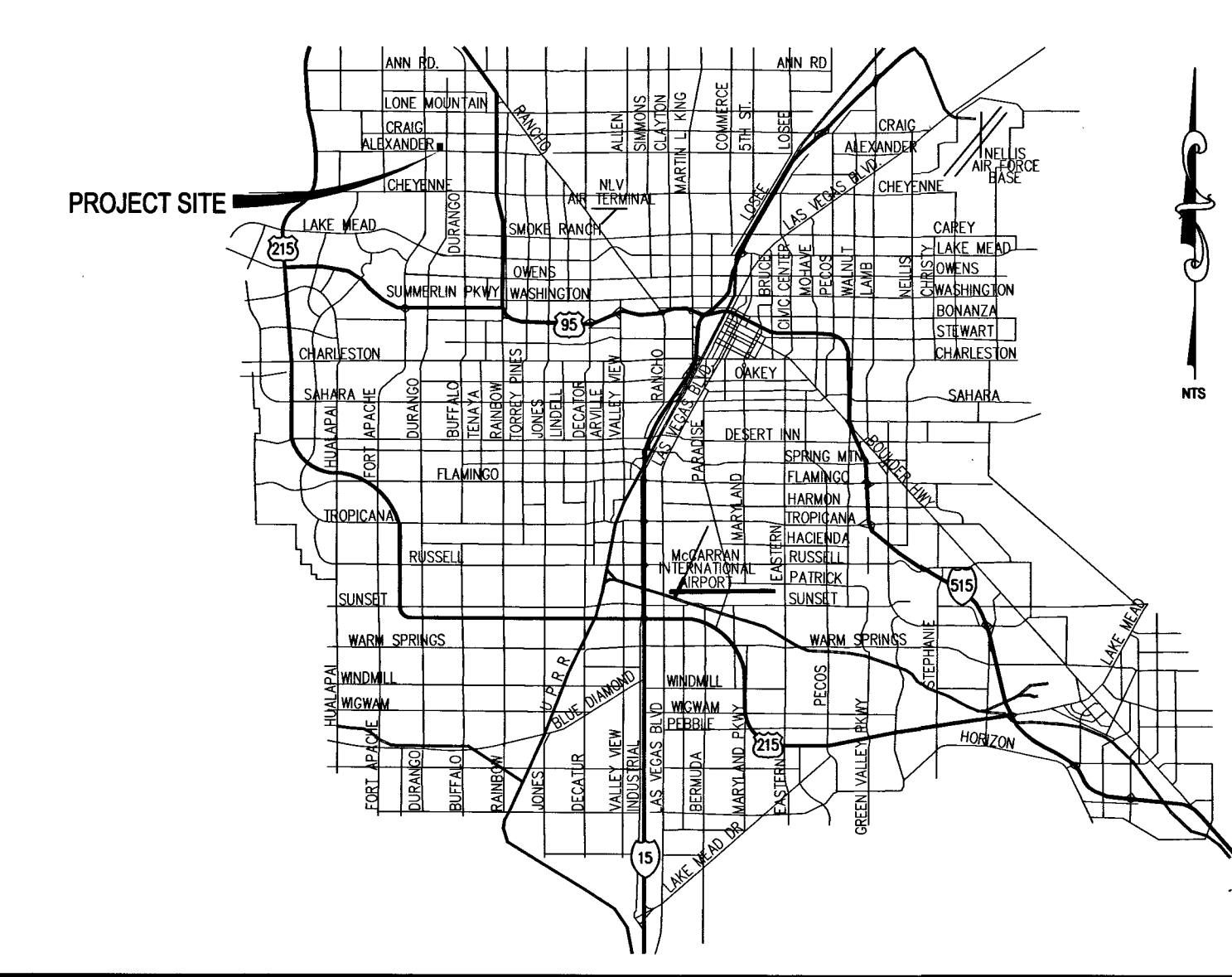


IMPROVEMENT PLANS  
FOR  
ALEXANDER & DURANGO  
RESIDENTIAL SUBDIVISION  
CITY OF LAS VEGAS, NEVADA  
APN: 138-05-801-064

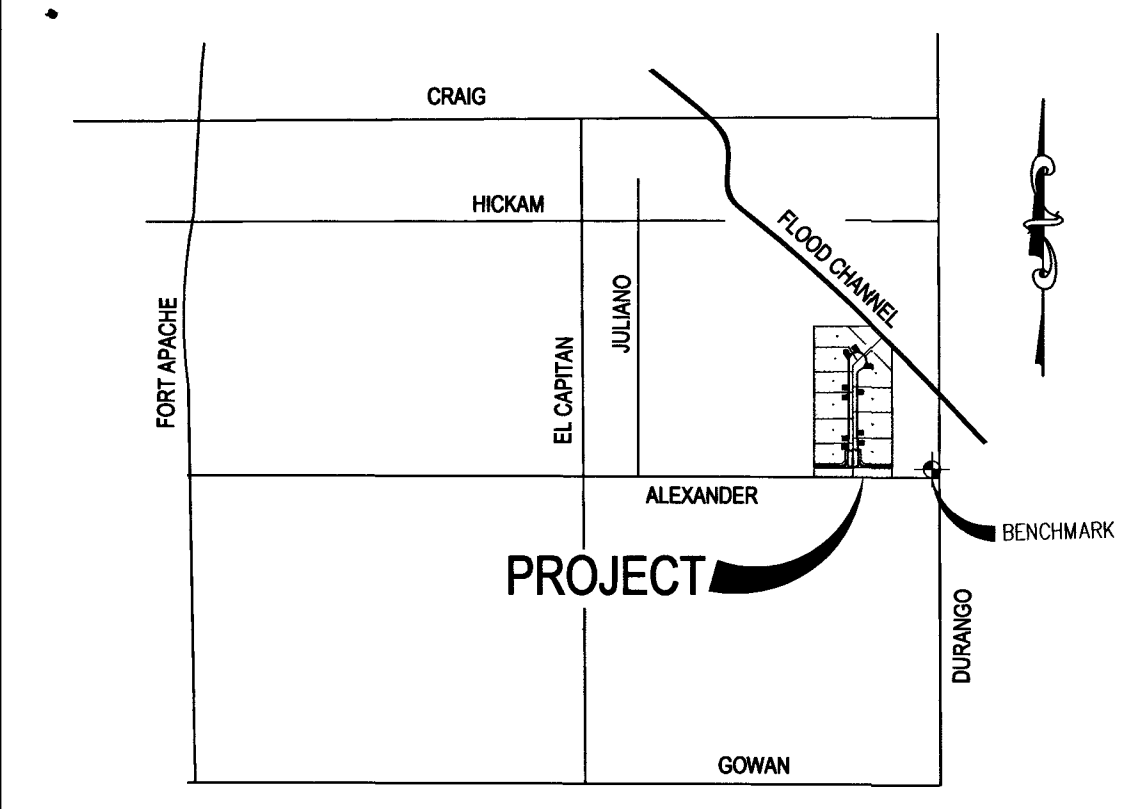
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02 C2 GENERAL NOTES AND QUANTITIES  
03 G1 GRADING PLAN - SOUTH  
04 G2 GRADING PLAN - NORTH  
05 GD1 GRADING DETAILS AND CROSS SECTIONS  
06 PP1 EVENING CALM ST. - PLAN & PROFILE - STA: 0+00.00 TO STA: 5+55.76  
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VICINITY MAP



SITE MAP



UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.  
CALL BEFORE YOU DIG: 1-800-227-2800  
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

LEGAL DESCRIPTION

PORTION OF THE EAST HALF (E 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

BENCHMARK

BM # 0100555  
CITY OF LAS VEGAS RIVET AND ALUMINUM PLATE IN TOP OF CURB, NORTHWEST CORNER OF ALEXANDER RD. AND DURANGO DR. NEAR 1/2 DELTA.  
ELEVATION = 732.406M/2402.90FT (NAVD 88 DATUM)

BASIS OF BEARINGS

NORTH 00°09'04" WEST, BEING THE BEARING OF THE CENTERLINE OF DURANGO DRIVE AND COINCIDENT WITH THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 111 PAGE 2 OF PARCEL MAPS.

DEVELOPER/OWNER

THM ENTERPRISES  
9205 W. RUSSELL RD. STE. 235  
LAS VEGAS, NV 89148

ENGINEER

TANEY ENGINEERING COMPANY  
6030 S. JONES BLVD STE #100  
LAS VEGAS, NV 89118  
PHONE: (702) 362-8844  
FAX: (702) 362-5233

ABBREVIATIONS

|       |                                                                     |      |                                 |      |                                           |
|-------|---------------------------------------------------------------------|------|---------------------------------|------|-------------------------------------------|
| AC    | ASPHALTIC CONCRETE                                                  | GB   | GRADE BREAK                     | SNWA | SOUTHERN NEVADA WATER AUTHORITY           |
| BCR   | BACK OF CURB RADIUS                                                 | HP   | HIGH POINT                      | SS   | SANITARY SEWER                            |
| BFE   | BASE FLOOD ELEVATION                                                | INW  | INVERT                          | STA  | STATION                                   |
| BFL   | BACK FLOW PREVENTOR                                                 | LF   | LINEAL FEET                     | STD  | STANDARD                                  |
| BLM   | BUREAU OF LAND MANAGEMENT                                           | LT   | LEFT                            | SVZ  | SIGHT VISIBILITY ZONE                     |
| BM    | BENCHMARK                                                           | LWVD | LAS VEGAS VALLEY WATER DISTRICT | SY   | SQUARE YARD                               |
| BRPM  | BLENDED RASSED PAVEMENT MARKER                                      | MAX  | MAXIMUM                         | TC   | TOP OF CURB                               |
| BVC   | BEGIN VERTICAL CURVE                                                | MH   | MANHOLE                         | TF   | TOP OF FOOTING                            |
| BTM   | BOTTOM OF EXISTING WALL                                             | MIN  | MINIMUM                         | TR   | TOP OF RETAINING                          |
| CC    | CLARK COUNTY                                                        | NO   | NOT TO SCALE                    | TW   | TOP OF WALL                               |
| CL    | CENTERLINE                                                          | NIS  | NOT TO SCALE                    | TYP  | TYPICAL                                   |
| CLSM  | CONTROLLED LOW STRENGTH MATERIAL                                    | OC   | ON CENTER                       | UDMS | UNIFORM DESIGN AND CONSTRUCTION STANDARDS |
| CLV   | CITY OF LAS VEGAS                                                   | PC   | POINT OF CURVE                  | USD  | UNIFORM STANDARD DRAWING                  |
| CMP   | CORRUGATED METAL PIPE                                               | PCC  | POINT OF COMPOUND CURVE         | VC   | VERTICAL CURVE                            |
| CNV   | CITY OF NORTH LAS VEGAS                                             | PD   | PAID ELEVATION                  | VCP  | VITRIFIED CLAY PIPE                       |
| CO    | CLEAN OUT, SEWER                                                    | PE   | POLYETHYLENE                    | VG   | VALLEY GUTTER                             |
| COH   | CITY OF HENDERSON                                                   | PI   | POINT OF INTERSECTION           | W    | WATER                                     |
| CY    | CUBIC YARD                                                          | PL   | PROPERTY LINE                   | ZC   | ZERO LIP CURB                             |
| DCSWS | DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS | PLT  | POINT OF CONNECTION             |      |                                           |
| DG    | DESIGN GRADE                                                        | PP   | POWER POLE                      |      |                                           |
| DIP   | DUCTILE IRON PIPE                                                   | PRC  | POINT OF REVERSE CURVE          |      |                                           |
| EC    | END OF CURVE                                                        | PRV  | PRESSURE REDUCING VALVE         |      |                                           |
| EG    | EXISTING GRADE                                                      | PT   | POINT OF TANGENCY               |      |                                           |
| ELEC  | ELECTRICAL                                                          | PVC  | POLYVINYL CHLORIDE              |      |                                           |
| EP    | EDGE OF PAVEMENT                                                    | R    | RADIUS                          |      |                                           |
| END   | END VERTICAL CURVE                                                  | RCB  | REINFORCED CONCRETE BOX         |      |                                           |
| EX    | EXISTING                                                            | RCP  | REINFORCED CONCRETE PIPE        |      |                                           |
| FF    | FINISH FLOOR ELEVATION                                              | ROW  | RIGHT-OF-WAY                    |      |                                           |
| FG    | FINISH GRADE                                                        | RT   | RIGHT                           |      |                                           |
| FI    | FIRE HYDRANT                                                        | SD   | STORM DRAIN                     |      |                                           |
| FL    | FLOW LINE                                                           | SH   | SHEET                           |      |                                           |
| FT    | FEET                                                                | STLT | STREETLIGHT                     |      |                                           |

LEGEND

|                                   | EXISTING | PROPOSED |
|-----------------------------------|----------|----------|
| DESIGN ELEVATION                  | (10.00)  | 10.00    |
| FUTURE ELEVATION                  |          | (10.00)  |
| SCARP (SLOPE VARIES)              |          |          |
| CONTOUR (1' INTERVAL)             |          |          |
| CONTOUR (5' INTERVAL)             |          |          |
| DIRECTION OF FLOW                 |          |          |
| RETAINING WALL                    |          |          |
| CMU WALL                          |          |          |
| CENTERLINE                        |          |          |
| RIGHT-OF-WAY                      |          |          |
| CUT LINE-ASPHALT                  |          |          |
| CURB AND GUTTER                   |          |          |
| FENCE                             |          |          |
| POWER POLE                        |          |          |
| SIDEWALK RAMP                     |          |          |
| CURB DROP INLET                   |          |          |
| STORM DRAIN W/ MANHOLE            |          |          |
| SIDEWALK                          |          |          |
| PROPERTY LINE                     |          |          |
| CUT-FILL LINE                     |          |          |
| EDGE OF PAVEMENT                  |          |          |
| SIGHT VISIBILITY ZONE             |          |          |
| CAP & 2" BLOW OFF VALVE           |          |          |
| WATERLINE FITTINGS                |          |          |
| GATE VALVE                        |          |          |
| FIRE HYDRANT                      |          |          |
| SEWER LINE W/ MANHOLE             |          |          |
| SEWER LATERAL                     |          |          |
| WATER LINE                        |          |          |
| WATER LATERAL W/ METER            |          |          |
| PRESSURE REDUCING VALVE           |          |          |
| BACKWATER VALVE                   |          |          |
| 200A SERVICE PEDESTAL             |          |          |
| STREET LIGHT CONDUIT              |          |          |
| F.A.S.T. CONDUIT                  |          |          |
| TRAFFIC SIGN                      |          |          |
| STOP SIGN W/ STREET NAME SIGN     |          |          |
| 100W HPS LUMINAIRE W/ 11 GA. POLE |          |          |
| 250W HPS LUMINAIRE W/ 11 GA. POLE |          |          |
| 400W HPS LUMINAIRE W/ 11 GA. POLE |          |          |
| NUMBER OF RETAINING WALL COURSES  |          |          |

APPROVAL SIGNATURES

APPROVED FOR CONSTRUCTION

*Stanley Fong* 4/4/16 DATE  
CIVIL  
CITY OF LAS VEGAS FIRE DEPARTMENT

*Allen Pavlik* 5/24/16 DATE  
CITY ENGINEER  
CITY OF LAS VEGAS

*Chris Knight* 5/23/16 DATE  
CHRIS KNIGHT, DIRECTOR, BUILDING & SAFETY  
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND DEVELOPMENT DEPARTMENT.

*Robert D. Hansen* 5/18/15 DATE  
ROBERT D. HANSEN  
CIVIL  
ENGINEER'S SEAL

*David Gonzalez* 5/18/15 DATE  
DAVID GONZALEZ  
CIVIL  
ENGINEER'S SEAL

*Nadia S. Rushing* 5/18/15 DATE  
NADIA S. RUSHING  
CIVIL  
ENGINEER'S SEAL

*Barbara Garrison* 6.1.15 DATE  
BARBARA GARRISON  
CIVIL  
ENGINEER'S SEAL

CENTURY TELEPHONE COMPANY D.B.A. CENTURYLINK  
"THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS."

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