

1. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND OF INGRESS AND EGRESS TO ASH CONSTRUCTION. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE COUNTY ENGINEER.
2. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. (CALL BEFORE YOU DIG 800-227-2600)
3. CONSTRUCTION SURVEY:
GRADES ARE GIVEN FROM TOP OF STAKES OR NAILS. THE CONTRACTORS ARE CAUTIONED TO OBSERVE THE FOLLOWING RULE IN USING OR THE GRADE STAKES GIVEN BY THIS OFFICE. THREE CONSECUTIVE POINTS MUST BE ON THE SAME GRADE. IF ONE OF SEVERAL UTILITIES ARE USED IN COMMON IN ORDER THAT ANY VARIATION OUT OF A PERFECT STRAIGHT GRADE MAY BE DETECTED, IN CASE ANY SUCH DISCREPANCY IS FOUND, THE SAME MUST BE REPORTED OTHERWISE THIS OFFICE WILL NOT BE RESPONSIBLE FOR ANY ERROR IN THE GRADE OF THE FINISH WORK.
4. NEITHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR TO VERIFY THE EXACT LOCATION OF UTILITIES PRIOR TO START. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF UTILITIES. UTILITIES SHALL BE REQUIRED UNDER SECTION 107.17 OF THE UNIFORM STANDARD SPECIFICATIONS FOR CLARK COUNTY AREA, NEVADA AND AS PROVIDED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL USE EXTREME CARE WORKING OVER OR NEAR ANY EXISTING GAS MAINS.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
6. FENCES, SIGNS, STRUCTURES, LIGHTS AND OTHER EXISTING IMPROVEMENTS WITHIN STREET R/W SHALL BE REMOVED WHERE SHOWN ON THE CONTRACT DRAWINGS, AND AS REQUIRED BY THE ENGINEER.
7. REPLACEMENT, RELOCATION OR RECONSTRUCTION OF ALL EXISTING IMPROVEMENTS INCLUDING FENCES, SIGN SIGNS, AND ALL OTHER ITEMS APPLICABLE TO THIS CONTRACT SHALL BE AS REQUIRED BY THE ENGINEER.
8. THE CONTRACTOR SHALL BACKFILL AND FINAL GRADE ALL CUT OR FILL SLOPES TO MATCH EXISTING CONDITIONS TO THE SATISFACTION OF THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL EXISTING SANITARY, WATER AND STORM SEWER MANHOLES TO THE FINAL FINISH GRADES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONTRACT DRAWINGS AND IN ACCORDANCE WITH SECTION 608 OF THE "STANDARD SPECIFICATIONS".
10. ALL GRADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATION MANUAL AND THE SOILS REPORT AS LISTED WITHIN THE PLAN SET WHERE CONFLICTS OCCUR THE MOST RESTRICTIVE SHALL GOVERN.
11. 48 HOURS PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL CONTACT:
NV ENERGY
CENTURYLINK TELEPHONE - NEVADA
SUN WEST GAS CORPORATION
LAS VEGAS VALLEY WATER DISTRICT
PHONE 1-800-227-2600 OR 811
PHONE 1-800-227-2600 OR 811
PHONE 1-702-400-1789
PHONE 1-702-870-2011

1. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREIN SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER. REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
2. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
3. ALL CONSTRUCTION SIGNING, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE REVISIONS OF THE 2009 MCDOT STANDARD HANDBOOK, 1986 AND TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION.
4. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
5. THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CLARK COUNTY AREA STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY AREA STANDARDS. ALL SIGNS SHALL USE CLASS V SHEETING.
6. IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN, SIGNPOST OR SIGN TO BE MOUNTED ON A SIGN POST, CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
7. PRIOR TO THE CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND ADDRESS NUMBERS FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
8. ALL TRAFFIC SIGNAL POLE ASSEMBLIES, STEEL PEDESTAL FOR CABINETS, AND STREET LIGHT POLES SHALL BE GALVANIZED PER ASTM A123.
9. ALL STREET LIGHTING INSTALLATIONS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS CLASS "C" COUNTY AREA STANDARD. ALL STREET LIGHTING SHALL BE IDENTIFIED BY THE STREET LIGHTING PLANS AND LED LUMINAIRES. REFER TO CLARK COUNTY PUBLIC WORKS QUALIFIED PRODUCTS LIST "QPL" FOR LED LUMINAIRES. QPL CAN BE FOUND ONLINE AT <http://www.clarkcountynv.gov/public-works/pages/default.aspx>.
10. THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (F.A.S.T.) INTERCONNECT CABLE. CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-6000 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF "CALL BEFORE YOU DIG" (UNDERGROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES.
11. F.A.S.T. INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATION MUST BE APPROVED BY THE COUNTY TRAFFIC MANAGER AND TO F.A.S.T. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY F.A.S.T., CITY OF LAS VEGAS, CLARK COUNTY AND NDOT AND MUST BE REPAIRED IMMEDIATELY TO F.A.S.T. ACCEPTANCE. \$2,500 PER DAY DAMAGES MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
12. ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING. SHALL HAVE INDEPENDENT LEAD-IN WIRES FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED.
13. TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE LED TYPE.

CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD.

16. CLARK COUNTY RESERVES THE RIGHT TO REJECT STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPED" APPEARANCE.

17. TWO WEEKS PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.

18. THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATION(S) TO ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.

UTILITY DISCLAIMER

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 EXISTING LOCATIONS.

NOTE: THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY THE GOVERNING ENTITY. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

1. INSPECTIONS ARE REQUIRED. CALL 24 HOURS IN ADVANCE, (702) 455-4610, THE PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
2. EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. CURB AND GUTTER WITH A GRADE LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
4. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2) INCH ABOVE THE TOP OF THE GUTTER (INCLUDING OPEN GRADE).
5. ALL OFFSITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS. LATEST REVISION EXCEPT FOR LUMINAIRES. REFER TO CLARK COUNTY PUBLIC WORKS QUALIFIED PRODUCTS LIST "OPL" FOR LED LUMINAIRES. OPL CAN BE FOUND ONLINE AT:
[HTTP://WWW.CLARKCOUNTYNV.GOV/PUBLIC-WORKS/PAGES/DEFAULT.ASPX](http://WWW.CLARKCOUNTYNV.GOV/PUBLIC-WORKS/PAGES/DEFAULT.ASPX).
6. PRIVATE STREETS, CURB AND GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.
7. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATIONS OF RAMPS SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
8. PROPER SIGNS, BARRIERS, BARRICADES, AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF PUBLIC WORKS OFF-SITE INSPECTOR @ 455-4610.
9. THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
10. NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10) FEET OF ANY TRAVEL-WAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATE SHALL BE NOTED ON THE PLAN. IF NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OR LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICH EVER IS GREATER, THEN TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.
11. A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
12. COMPACTION TESTS ARE REQUIRED.

A. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CLARK COUNTY FIRE CODE AS AMENDED, AND THE NATIONAL FIRE PROTECTION ASSOCIATION PAMPHLET #24, CURRENT EDITION.

B. FIRE HYDRANTS AND WATER SUPPLIES FOR FIRE PROTECTION SHALL BE AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION IN ACCORDANCE WITH SECTION 3312 OF THE CLARK COUNTY FIRE CODE, AS AMENDED.

C. IF DURING CONSTRUCTION IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, APPROVAL SHALL BE OBTAINED FROM THE FIRE PREVENTION BUREAU PRIOR TO PLACING THE HYDRANT OUT OF SERVICE.

D. PAINTING OF CURBS AND/OR STRIPING OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY SHALL BE PER THE FIRE HYDRANT INSTALLATION SPECIFICATIONS OF THE FIRE PREVENTION BUREAU.

E. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 25 FEET OF ANY STRUCTURE, OR 6 FEET OF A DRIVEWAY/ POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION. FOR WALL, FENCE AND PLANTER LOCATIONS, A PERIMETER AROUND THE HYDRANT MEASURING A MINIMUM OF 3 FEET FROM ITS EXTERIOR SHALL BE MAINTAINED CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES.

F. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS, WITH A MINIMUM VEHICLE LOAD OF 35,000 POUNDS PER AXLE, AND SHALL BE SURFACED AND PAVED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES EXCEPT TEMPORARY ACCESS ROADS SERVING ONLY BUILDING UNDER CONSTRUCTION SHALL NOT BE REQUIRED TO BE PAVED, BUT SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF SECTION 503.2.3 OF THE CLARK COUNTY FIRE CODE.

G. PRIOR TO ACCEPTANCE OF ANY FIRE SERVICE MAIN, A SATISFACTORY HYDROSTATIC TEST WITH PIPING JOINTS UNCOVERED MUST BE CONDUCTED. APPROVED PLANS, AN INSTALLATION PERMIT AND A CONTRACTOR'S MATERIALS AND TEST CERTIFICATE MUST BE PROVIDED AT TIME OF INSPECTION.

H. FIRE HYDRANTS SHALL BE LOCATED 4' TO 7' FROM BACK OF CURB AND A MINIMUM OF 6 FEET AWAY FROM TURNS.

I. BLUE REFLECTIVE MARKERS MUST BE INSTALLED BEFORE FINAL HYDRANT ACCEPTANCE CAN BE ATTAINED [SECTION C107 OF THE CLARK COUNTY FIRE CODE, AS AMENDED].

J. HYDRANTS THAT ARE PROPOSED FOR INSTALLATION IN PUBLIC WATER SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED FIRE HYDRANTS AS ALLOWED BY THE WATER PURVEYOR. HYDRANTS PROPOSED FOR INSTALLATION ON PRIVATE WATER SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED FIRE HYDRANTS AS ALLOWED BY THE FIRE PREVENTION BUREAU.

<i>FAST</i>  Call before you Underground 1-702-432-5300 PRIGMORE & ANTELMI, SYSTEMS OF TRANSPORTATION	Avoid overhead power line contact. It's costly. Call before you Overhead 1-702-227-2929	Call before you Dig Avoid cutting underground utility lines. It's costly. CALL 811  OR 1-800-227-2600
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BEING A PART OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4)
OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

NORTH 89°45'44" WEST, BEING THE BEARING OF THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN BOOK 152 PAGE 04 OF PLATS

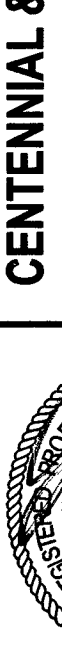
RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

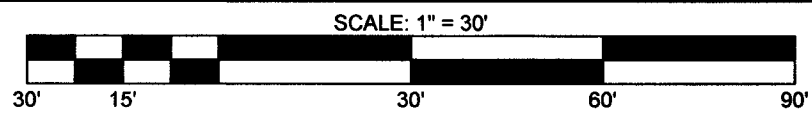
AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE., SUITE 6B
LAS VEGAS, NV 89119
(702) 889-9617

REPORT NO: 1916-GEO
DATE: 03/02/18

PAVING AND GRADING	PUBLIC	PRIVATE
7" ASPHALT	550 SY	0 SY
5.5" ASPHALT	208 SY	0 SY
TYPE II	97 CY	0 CY
1504 LF	1504 LF	0 LF
WATER	PUBLIC	PRIVATE
6" POT WATER	1,023 LF	0 LF
45" HORIZONTAL WATER BEND	2 EA	0 EA
6" WATER TEE	1 EA	0 EA
CAP AND 2" BLOW-UP ASSEMBLY	1 EA	0 EA
TRAFFIC	PUBLIC	PRIVATE
PAVEMENT STRIPING	12 LF	0 LF

AC	ASPHALTIC CONCRETE	FG	FINISH GRADE	R	RADIUS
AVE	AVENUE	FI	FIRE HYDRANT	RCB	REINFORCED CONCRETE BOX
BC	BACK OF CURB	FL	FLOW LINE	RCP	REINFORCED CONCRETE PIPE
BCR	BACK OF CURB RADIUS	FT	FEET	ROW	RIGHT-OF-WAY
BFB	BASE FLOW BREAK	GR	GRADING	RT	RIGHT
BFP	BACK FLOW PREVENTOR	GB	GRADE BREAK	SD	STORM DRAIN
BLM	BUREAU OF LAND MANAGEMENT	GF	GARAGE FINISH FLOOR	SHT	SHEET
BM	BENCHMARK	HP	HIGH POINT	STLT	STREETLIGHT
BMP	BUILT UP PAVED PAVEMENT MARKER	HP	HIGH PRESSURE BLUE	SWA	SOUTHERN NEARBY WATER AUTHORITY
BVC	BEGIN VERTICAL CURVE	INV	INVERT	SS	SEWAGE SEWER
BW	BOTTOM OF EXISTING WALL	LF	LINE FEET	ST	STREET
CA	CABLE TELEVISION	LANE	LANE	STR	STRAIGHT
CC	CLARK COUNTY	LS	LANDSCAPE	STD	STANDARD
CCFD	CLARK COUNTY WATER DEPARTMENT	LT	LEFT	SVZ	SIGHT VISIBILITY ZONE
CCW	CLARK COUNTY WATER RECLAMATION DISTRICT	LWD	LAS VEGAS VALLEY WATER DISTRICT	SW	SIDEWALK
CL	CENTERLINE	MAX	MAXIMUM	SY	SQUARE YARD
CLSM	CONTROLLED LOW STRENGTH MATERIAL	MH	MANHOLE	TC	TOP OF CURB
CNV	CITY OF LAS VEGAS	MIN	MINIMUM	TELE	TELEPHONE
CNP	CORRUGATED METAL PIPE	NO	NUMBER	TF	TOP OF FOOTING
CNVL	CITY OF NORTH LAS VEGAS	NTS	NOT TO SCALE	T.O.P.	TOP OF PIPE
CO	CLEAN OUT, SEWER	OC	ON CENTER	T.O.P.	TOP OF RETAINING
CH	CITY OF HENDERSON	PB	PULL BOX	TOP	TOP OF WALL
CY	CUBIC YARD	PC	POINT OF CURVE	TYP	TYPICAL
DCSWG	DESIGN AND CONSTRUCTION STANDARDS FOR	PCC	POINT OF COMPOUND CURVE	UACS	UNIFORM DESIGN AND CONSTRUCTION
DC	DESIGN	PI	POINT OF INTERSECTION	STANDARDS	
DD	DESIGN GRADE	PL	PROPERTY LINE	UT	UTILITY
DI	DROP INLET	PLATE	PLATE	USD	UNIFORM STANDARD DRAWING
DR	DRIP TILE IRON PIPE	POL	POLYETHYLENE	VC	VERTICAL CURVE
DR	DRIVE	POC	POINT OF CONNECTION	VCP	VERTICALLY CLAY PIPE
END	END OF CURVE	PP	POWER POLE	VG	VALLEY GUTTER
EG	EXISTING GRADE	PAP	PLAN AND PROFILE	W	WATER
ELEC	ELECTRICAL	PRC	POINT OF REVERSE CURVE	ZC	ZERO LIFT CURB
EP	EDGE OF PAVEMENT	PROJ	PROJECT		
EV	END VERTICAL CURVE	PRV	PRESSURE REDUCING VALVE		
EX	EXISTING	PT	POINT OF TANGENCY		
FF	FINISH FLOOR ELEVATION	PVC	POLYVINYL CHLORIDE		

CENTENNIAL & FORT APACHE A RESIDENTIAL SUBDIVISION						CC - GENERAL NOTES AND QUANTITIES					
 C3 SHEET NUMBER: 03 OF 20											
DATE: 1/9/19 SCALE: N/A JOB NO.: ADV-17-086 DESIGNED BY: BP CHECKED BY: SJT SHEET NAME: _____ PW18-18639											



- 1-24" L-TYPE CURB & GUTTER (USD #216)
- 2-INSTALL 30" MODIFIED ROLL CURB AND GUTTER (CCAUSD #217.1)
- 3-8.0" CROSS GUTTER (USD #228)
- 4-5.0" SIDEWALK (USD #234)
- 5-2" AC PAVEMENT OVER 4" TYPE II PER SOILS REPORT (HTE XXXX)
- 6-5.5" AC PAVEMENT OVER 6" TYPE II PER SOILS REPORT (HTE XXXX)
- 7-SAWCUT & MATCH EXISTING AC PAVEMENT (USD #500.3, 500.4, 500.5, & 503)
- 8-INSTALL CONCRETE VALLEY GUTTER (SEE EGD1)
- 9-INSTALL SIDEWALK UNDERDRAIN (CCAUSD #236)
- 10-L CURB CUT AND GUTTER (SEE MGD1)
- 11-SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #233 CA A=8' B=5', B=4.5')
- 12-SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #233) A=8' B=6'
- 13-INSTALL 16" X 48" BLOCK WALL OPENING (SEE MGD1)
- 14-INSTALL SIDEWALK (USD #234) WITH A-TYPE CURB (USD #219)
- 15-INSTALL REMOVABLE BOLLARD AT 4 O.C (DCSWCS SD-38) DETAIL R/GD1

TOTAL FOR OVERALL DEVELOPMENT: 5,882.51 CY CUT / 12,330.87 CY FILL / 6,448.35 CY NET FILL

NOTE: THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY THE GOVERNING ENTITY. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

THIS PROJECT IS LOCATED IN FLOOD ZONE "X", AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOOD PLAIN PER FIRM PANEL 32003C1745E, REVISED SEPTEMBER 27, 2002.

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 EXISTING LOCATIONS.

COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED
ADD 2600 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO THE GOVERNING ENTITY.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

BENCHMARK
RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WE
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, DS4994 ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.
I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, PW18-17756, ON FILE WITH CLARK COUNTY FOR THIS PROJECT.

Justin Thorne 1/9/19
S JUSTN THORNE, PE DATE

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING

BY Cabell/Hen 3/25/19 DATE _____

ACCEPTANCE OF THESE PLANS FOR FILING 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 AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

ACCEPTANCE OF PLANS	
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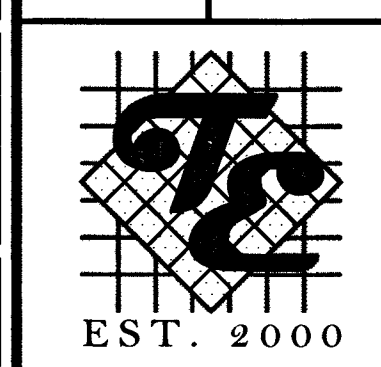
Pamela Kennedy 1-10-19
SOUTHWEST GAS CORPORATION DATE

ACCEPTANCE OF PLANS FOR FILING

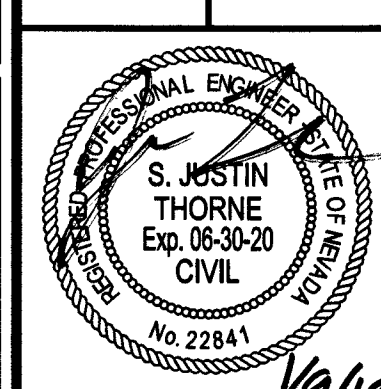
BY: _____ DATE: _____
DEVELOPMENT AND FLOOD CONTROL _____

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89129
(702) 362-8888 FAX:

TANEY & ENGINEERING
6039 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233



CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION
GRADING PLAN 2



DATE: 1/9/2019

SCALE: 1"=30'

ADV-17-086	
DESIGNED BY:	CHECKED BY:

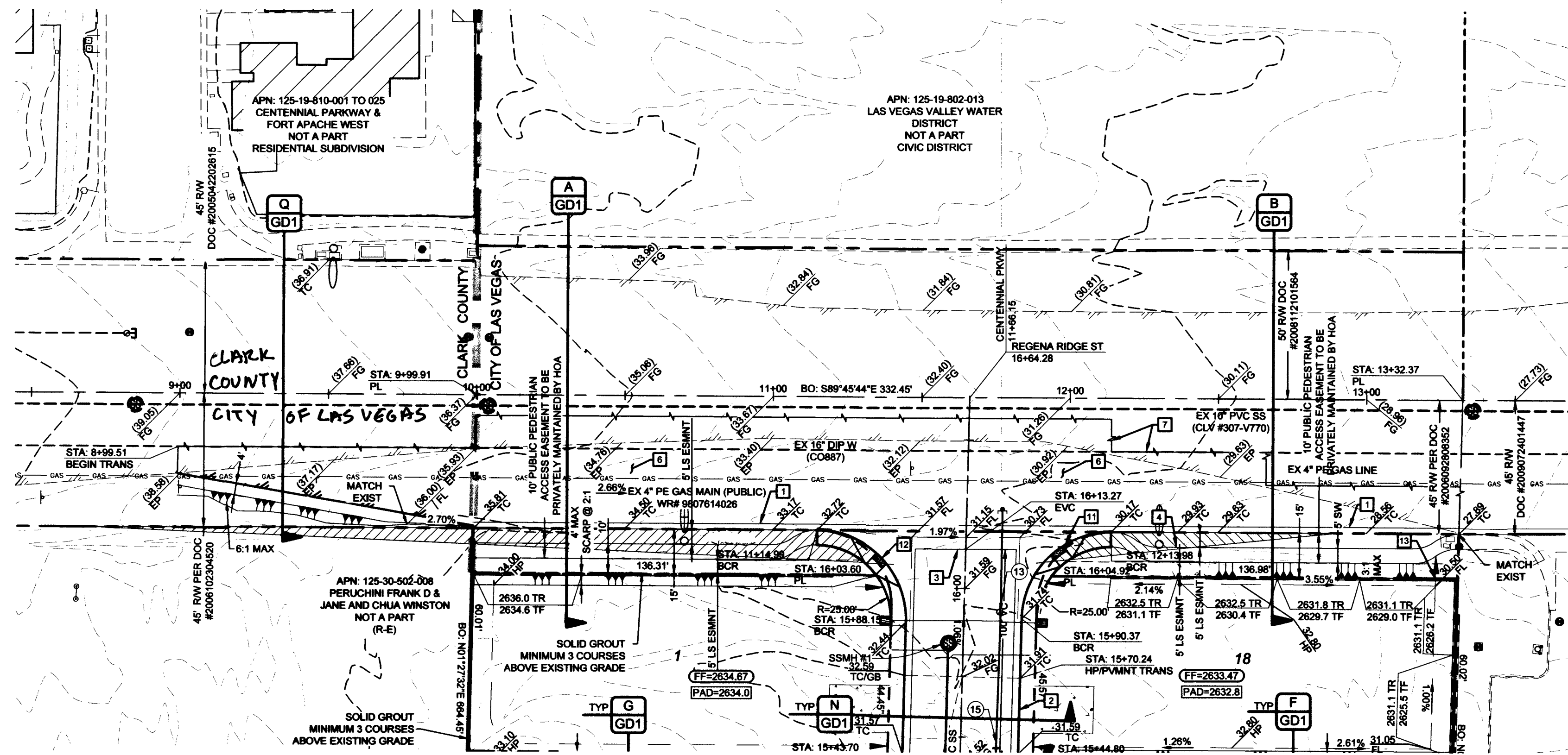
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G2
SHEET NUMBER:

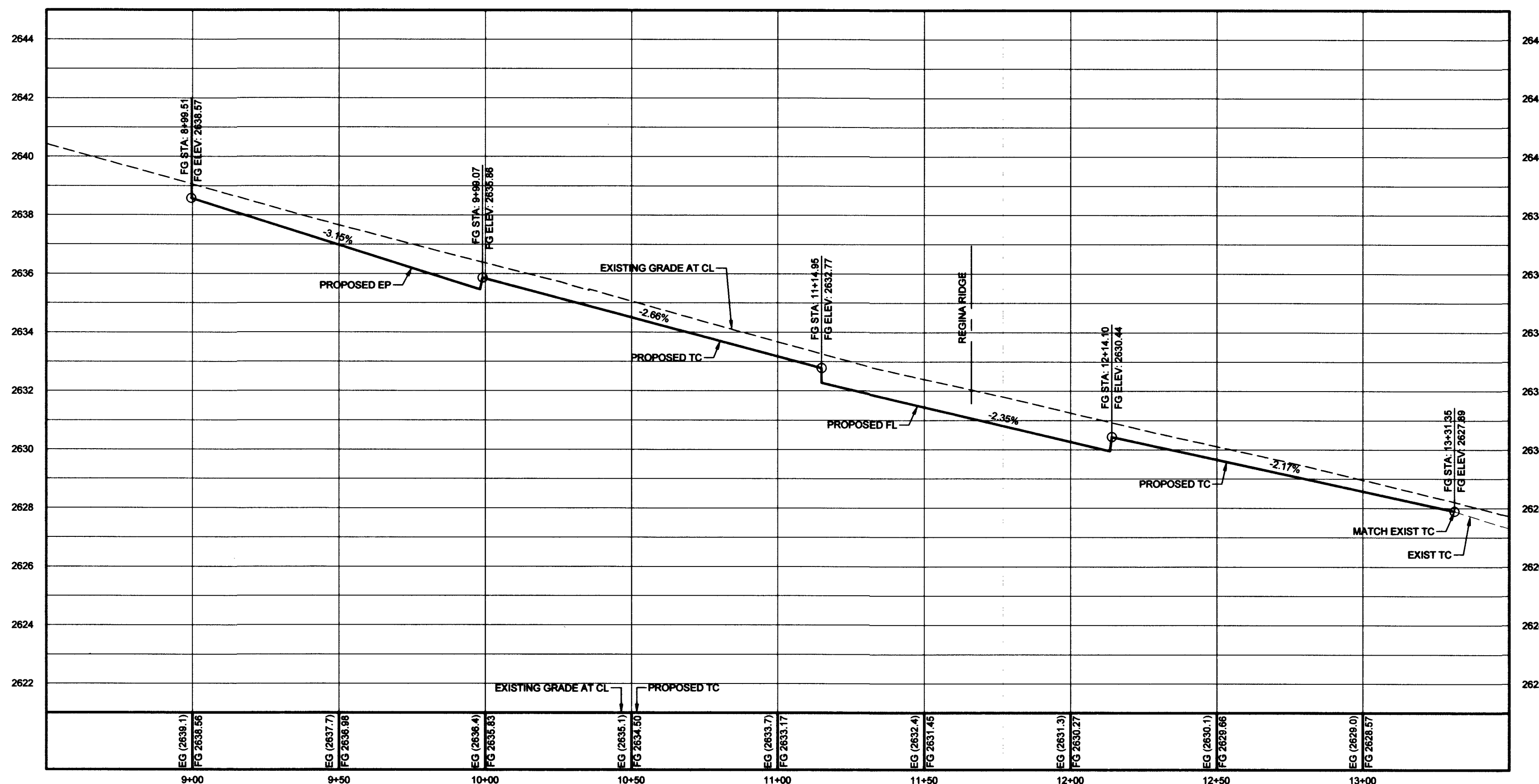
05 OF 20

PW18-18639
107Y5080 112 03214

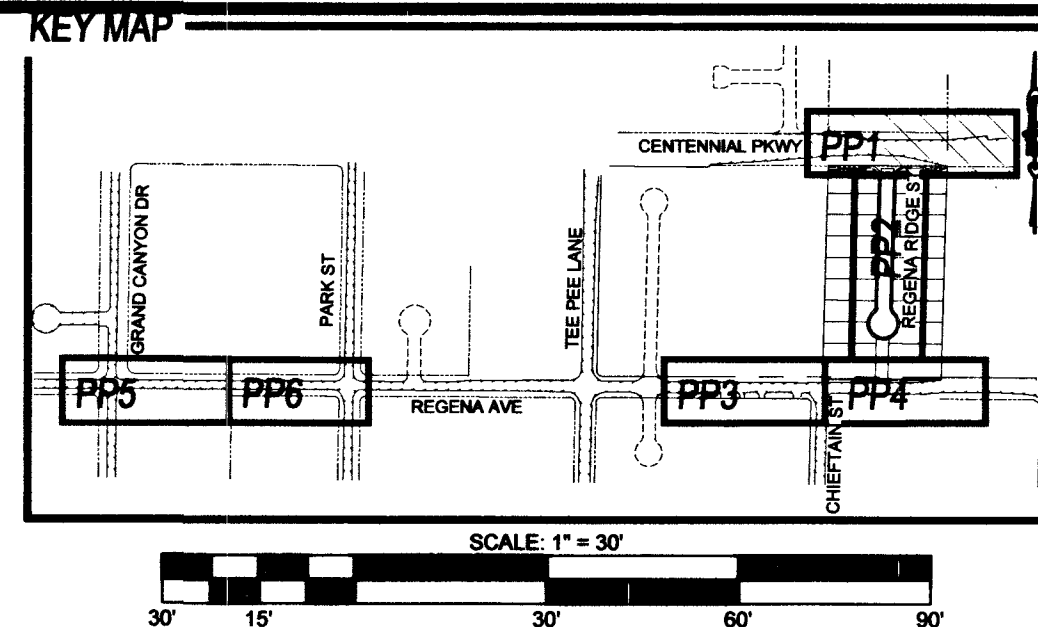
PROJ#:135691A QS:125-30-NE



CENTENNIAL PKWY (PUBLIC) - PLAN



CENTENNIAL PKWY (PUBLIC) - PROFILE
SCALE: 1"=30' HORIZONTAL; 1"=3' VERTICAL



**CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING**

BY _____ DATE _____

ACCEPTANCE OF THESE PLANS FOR FILING 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 AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

NOTES

NOTE: REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS), UNDER CLARK COUNTY JURISDICTION, THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY BRENCING ACTIVITY TO CLARK COUNTY SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS, OR WILL BE APPROVED EQUIVALENT.

- CONSTRUCTION NOTES**
- 24" L-TYPE CURB & GUTTER (USD #216)
 - INSTALL 30" MODIFIED ROLL CURB AND GUTTER (CCAUUSD #217.1)
 - 8" CROSS GUTTER (USD #228)
 - 5" SIDEWALK (USD #234)
 - 2" AC PAVEMENT OVER 4" TYPE II PER SOILS REPORT (HTE XXXX)
 - 5" AC PAVEMENT OVER 6" TYPE II PER SOILS REPORT (HTE XXXX)
 - SAWCUT & MATCH EXISTING AC PAVEMENT (USD #500.3, 500.4, 500.5, & 503)
 - INSTALL CONCRETE VALLEY GUTTER (SEE E/GD1)
 - INSTALL SIDEWALK UNDERDRAIN (CCAUUSD #236)
 - L-CURB CUT AND GUTTER (SEE M/GD1)
 - SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #235 CASE 1) A=5, B=4, 5=4
 - SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #235) A=8"
 - INSTALL 16" X 48" BLOCK WALL OPENING (SEE K/GD1)
 - INSTALL SIDEWALK (USD #234) WITH A-TYPE CURB (USD #219)
 - INSTALL REMOVABLE BOLLARD AT 4 O.C. (DCSWCS SD-38) DETAIL R/GD1
 - INSTALL 48" STANDARD MANHOLE (DCSWCS SD-1A, SD-1B, & SD-4) WITH SINGLE 24" LID
 - INSTALL 48" MANHOLE W/ CAST-IN-PLACE MANHOLE BASE (DCSWCS SD-7) WITH SINGLE 24" LID
 - INSTALL 8" GV PER UDACS PLT 30
 - INSTALL 10" X 8" REDUCER

GEOTECHNICAL

AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE., SUITE 6B
LAS VEGAS, NV 89119
(702) 889-9617

REPORT NO. 1916-GEO
DATE: 03/02/18

UTILITY DISCLAIMER

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 EXISTING LOCATIONS.

LINE AND CURVE DATA

FOR LINE AND CURVE DATA TABLES, SEE THE GRADING PLAN SHEETS FOR THIS PROJECT.

PROFILE NOTES

ADD 2600 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO GOVERNING ENTITY.

BENCHMARK

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

APPROVED FOR CONSTRUCTION

James Dean
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT# 135691 FIRST APPROVED DATE: 2/12/18
LVMHD APPROVED FIRE FLOW: 2000 GPM AT 20 PSI RESIDUAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW: N/A GPM

ACCEPTANCE OF PLANS FOR FILING

BY: _____ DATE _____
DEVELOPMENT AND FLOOD CONTROL

DEPTH OF COVER DURING CONSTRUCTION

MAINTAIN MINIMUM TWENTY-FOUR (24) INCH COVER PER UDACS SECTION 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE INSTALLATION.

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

CALL
811
OR
1-800-227-2600

Avoid overhead power line contact. It's costly.

Call before you Overhead
1-702-227-2929

REVISIONS		DESCRIPTION		BY	SHTS.	APPR.	DATE
NO.							

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89129
(702) 365-8888 FAX: (702) 362-6233

TANEY ENGINEERING
6030 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-6233

**CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION**

**PLAN & PROFILE 1
CENTENNIAL PKWY**

S. JUSTIN THORNE
Exp. 06-30-20
CIVIL
No. 22841

DATE: 1/9/2019

SCALE: 1"=30'

JOB NO.: ADV-17-086

DESIGNED BY: BP CHECKED BY: SJT

SHEET NAME: PP1

SHEET NUMBER: 09 OF 20

PW18-18639
107Y5089 L18-02344

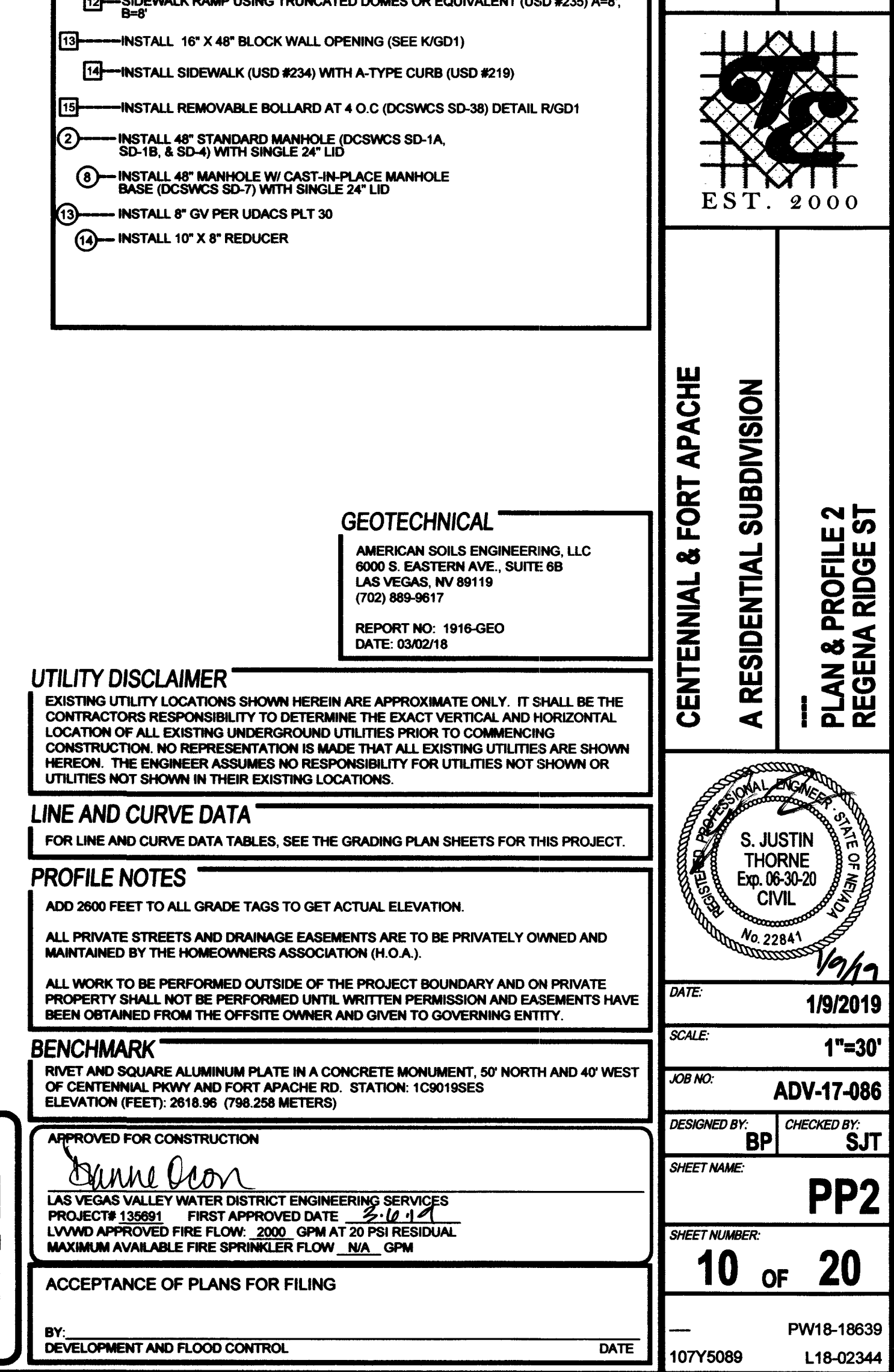
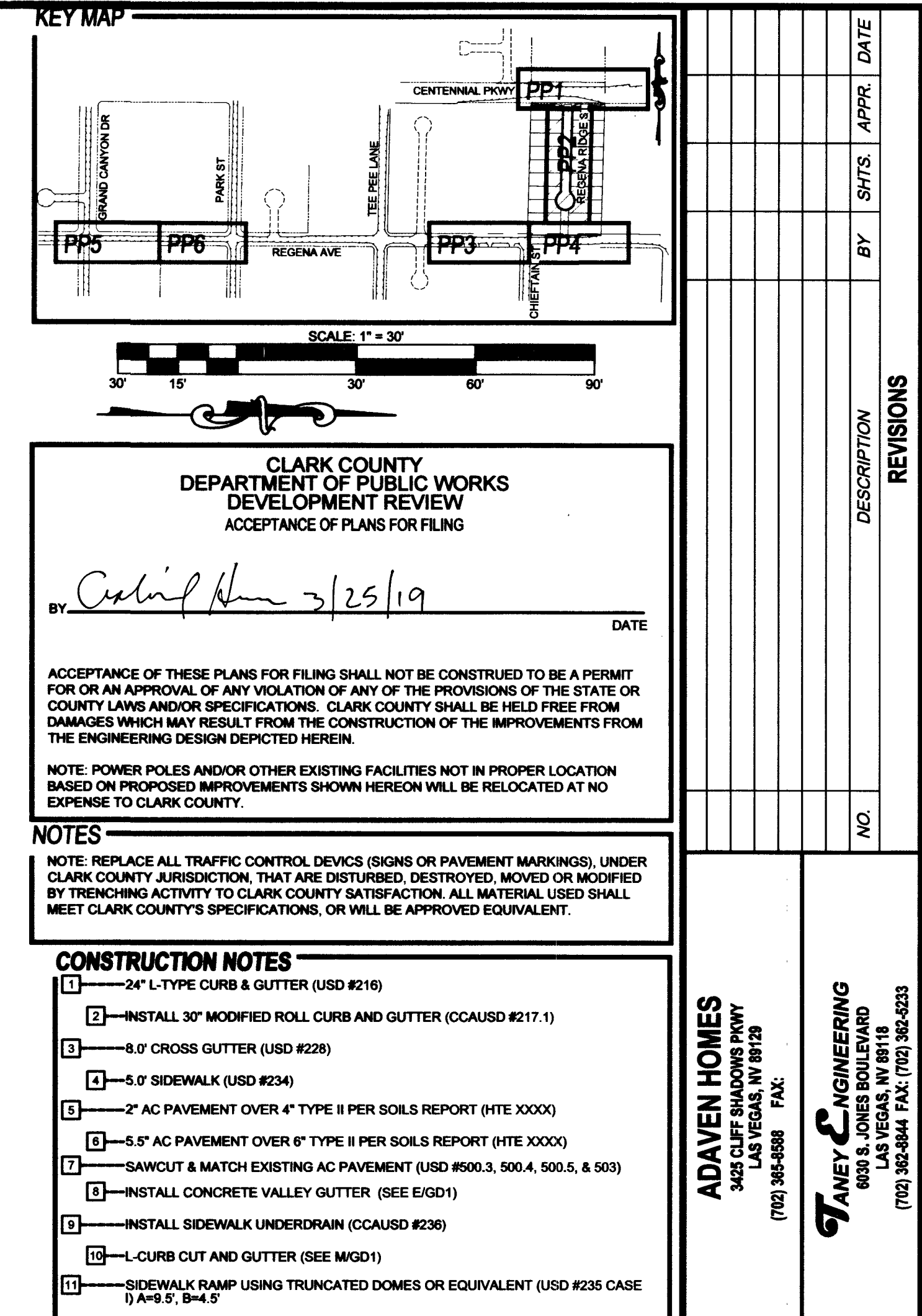
PROJECT# 135691A QS:125-30-NE

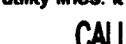
NOTE:
INSTALL PIPELINE MARKET BALLS, PER UDACS PLATE NO. 15
WATER MAIN JOINT DEFLECTION, PER UDACS 2.07.01 AND 2.07.03

ACCEPTANCE OF PLANS

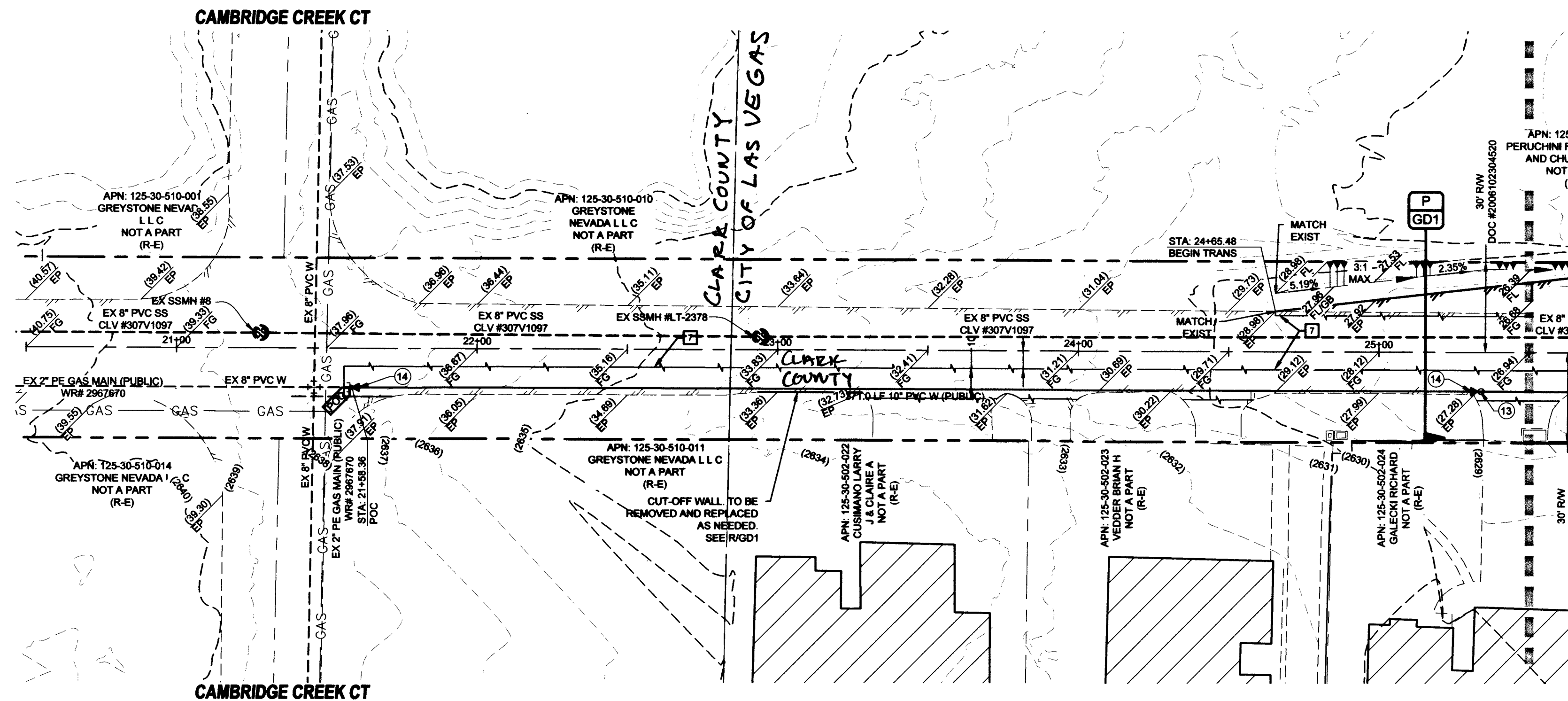
Barbara Kennedy
SOUTHWEST GAS CORPORATION

1/10/19
DATE

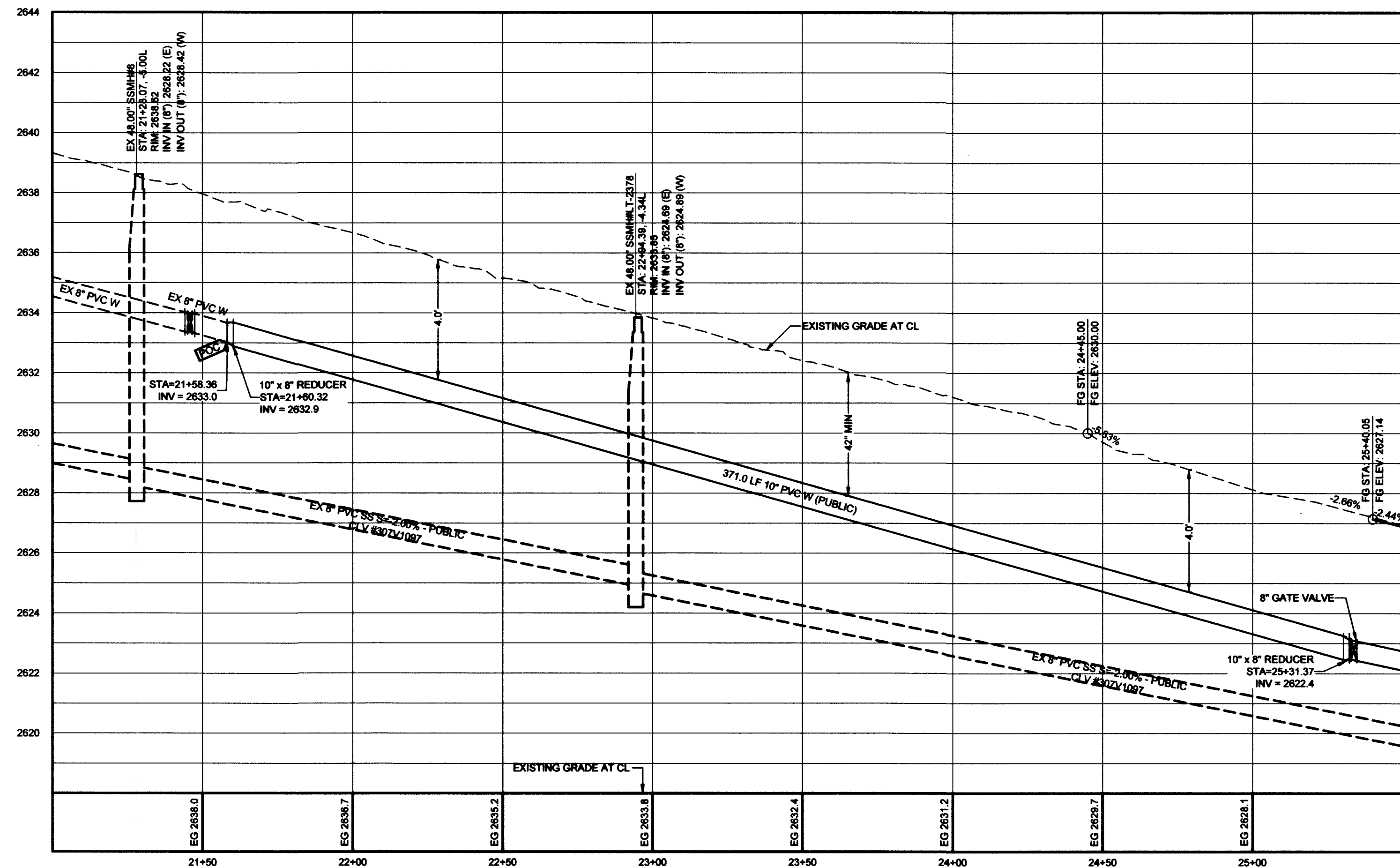


DEPTH OF COVER DURING CONSTRUCTION MAINTAIN MINIMUM TWENTY-FOUR (24) INCH COVER PER UDACS SECTION 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE INSTALLATION.	Call before you Dig Avoid cutting underground utility lines. It's costly.	Avoid overhead power line contact. It's costly.
	CALL  OR 1-800-227-2600	Call before you Overhead 1-702-227-2929

FILE NAME: S:\ACTIVE\ADVEN HOMES\ADV-17-086 - FORT APACHE & CENTENNIAL\DWG\SSHEETS\DWG\ADV17086_SHT_PP.DWG



REGENA AVE (PUBLIC) - PLAN
STA: 21+00.00 TO 25+50.00



REGENA AVE (PUBLIC) - PROFILE
STA: 21+00.00 TO 25+50.00
SCALE: 1"=30' HORIZONTAL; 1"=3' VERTICAL

NOTE:
INSTALL PIPELINE MARKET BALLS, PER UDACS PLATE NO. 15
WATER MAIN JOINT DEFLECTION, PER UDACS 2.07.01 AND 2.07.03

ACCEPTANCE OF PLANS

Camille Kennedy
SOUTHWEST GAS CORPORATION

1-10-19
DATE

DEPTH OF COVER DURING CONSTRUCTION
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2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE
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LINE AND CURVE DATA

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PROFILE NOTES

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BENCHMARK

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019S
ELEVATION (FEET): 2616.96 (798.255 METERS)

APPROVED FOR CONSTRUCTION

Shanne Dean
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT# 135691 FIRST APPROVED DATE: 12/1/19
LIVING APPROVED FIRE FLOW: 2000 GPM AT 20 PSI RESIDUAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW: N/A GPM

ACCEPTANCE OF PLANS FOR FILING

BY: DEVELOPMENT AND FLOOD CONTROL DATE

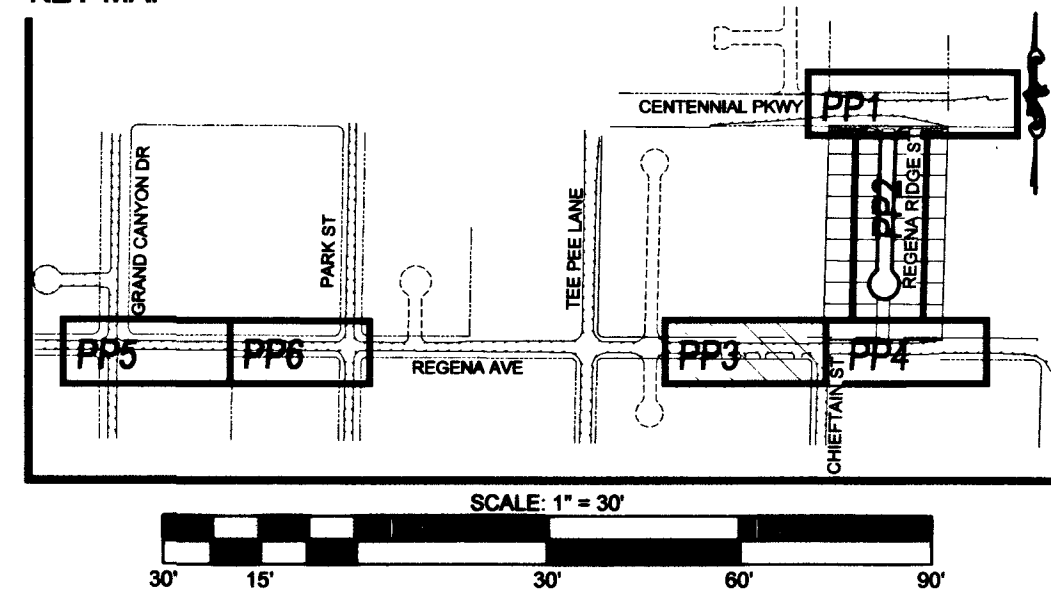
CONSTRUCTION NOTES

- 24" L-TYPE CURB & GUTTER (USD #216)
- INSTALL 30" MODIFIED ROLL CURB AND GUTTER (CCAUSD #217.1)
- 6" CROSS GUTTER (USD #228)
- 5.0' SIDEWALK (USD #234)
- 2" AC PAVEMENT OVER 4" TYPE II PER SOILS REPORT (HTE XXXX)
- 5.5" AC PAVEMENT OVER 8" TYPE II PER SOILS REPORT (HTE XXXX)
- SAWCUT & MATCH EXISTING AC PAVEMENT (USD #500.3, 500.4, 500.5, & 503)
- INSTALL CONCRETE VALLEY GUTTER (SEE E/GD1)
- INSTALL SIDEWALK UNDERDRAIN (CCAUSD #236)
- L-CURB CUT AND GUTTER (SEE M/GD1)
- SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #236 CASE 1) A=9.5', B=4.5'
- SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #236) A=8', B=5'
- INSTALL 16" X 48" BLOCK WALL OPENING (SEE K/GD1)
- INSTALL SIDEWALK (USD #234) WITH A-TYPE CURB (USD #219)
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- INSTALL 48" MANHOLE W/ CAST-IN-PLACE MANHOLE BASE (DCSWCS SD-7) WITH SINGLE 24" LID
- INSTALL 8" GV PER UDACS PLT 30
- INSTALL 10" X 8" REDUCER

GEOTECHNICAL

AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE., SUITE 6B
LAS VEGAS, NV 89119
(702) 889-9617
REPORT NO.: 1916-GEO
DATE: 03/02/18

KEY MAP



CLARK COUNTY DEPARTMENT OF PUBLIC WORKS DEVELOPMENT REVIEW ACCEPTANCE OF PLANS FOR FILING

BY: *Camille Kennedy* 3/25/19 DATE

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NOTES

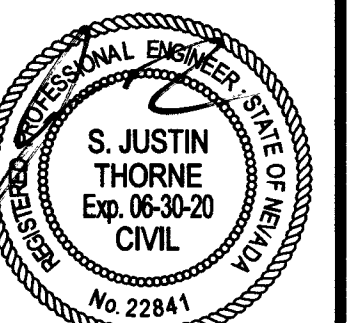
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ADAVEN HOMES
3405 CLIFF STADIUMS PKWY
LAS VEGAS, NV 89125
(702) 362-8868 FAX:

TANEY ENGINEERING
6000 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233



CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION
PLAN & PROFILE 3
REGENA AVE
STA: 21+00 TO 25+50



DATE: 1/9/2019

SCALE: 1"=30'

JOB NO: ADV-17-086

DESIGNED BY: BP CHECKED BY: SJT

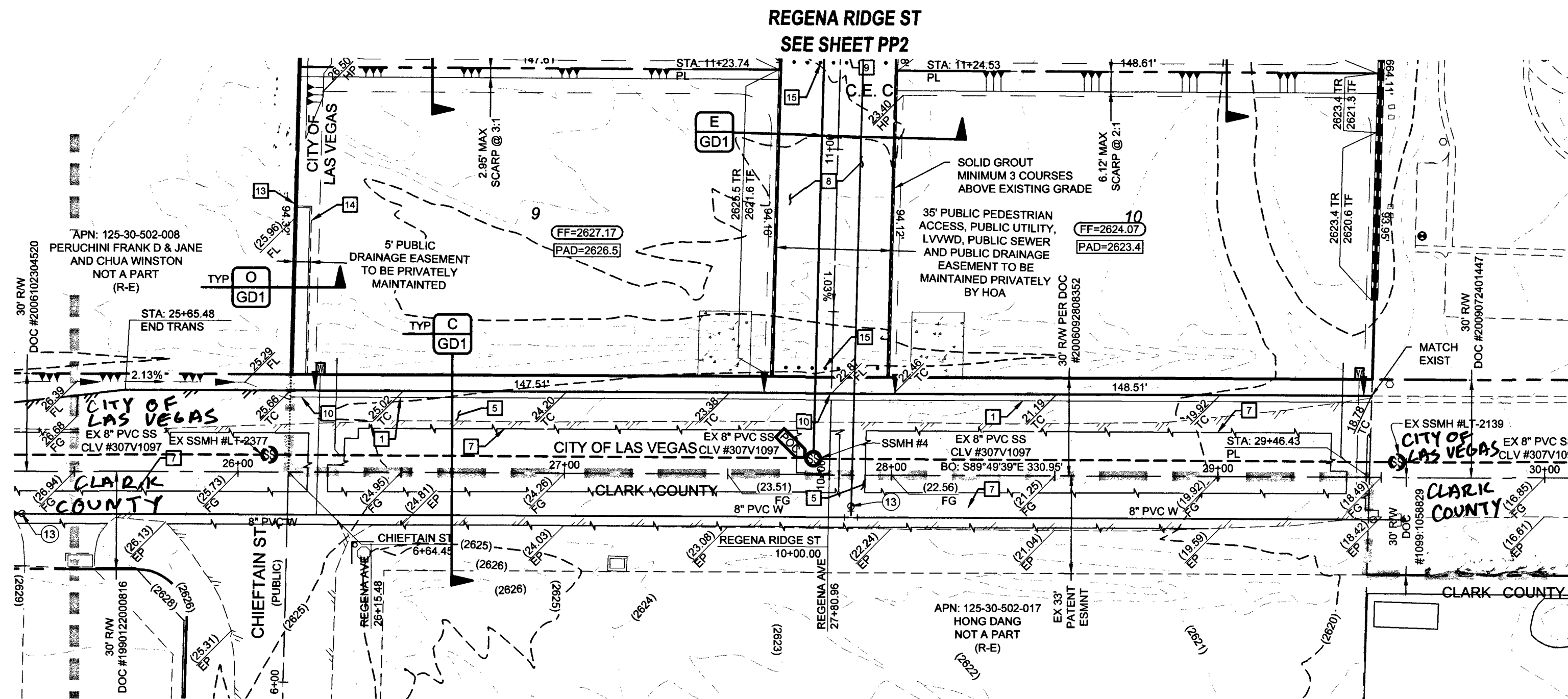
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SHEET NUMBER: 11 OF 20

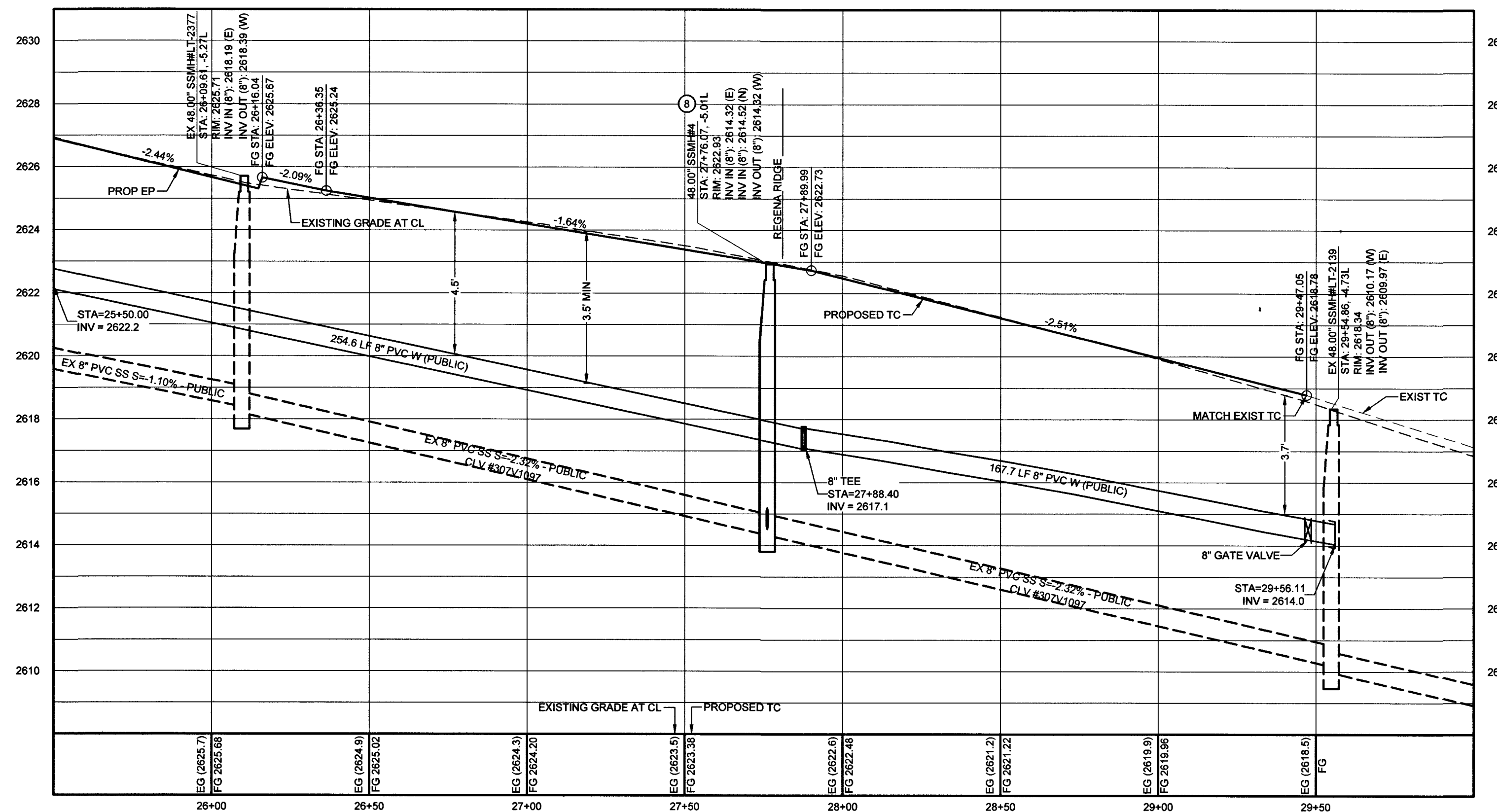
PW18-18639
107Y5089 L18-02344

FILE NAME: S:\ACTIVE\ADAVEN HOMES\ADV-17-086 - FORT APACHE & CENTENNIAL\ENGIN\PRODUCTION\DWG\ADV17086_SHT_PP.DWG

REGENA AVE
MATCHLINE SEE SHEET PP3



REGENA AVE (PUBLIC) - PLAN
STA: 24+50.00 TO 30+00.00



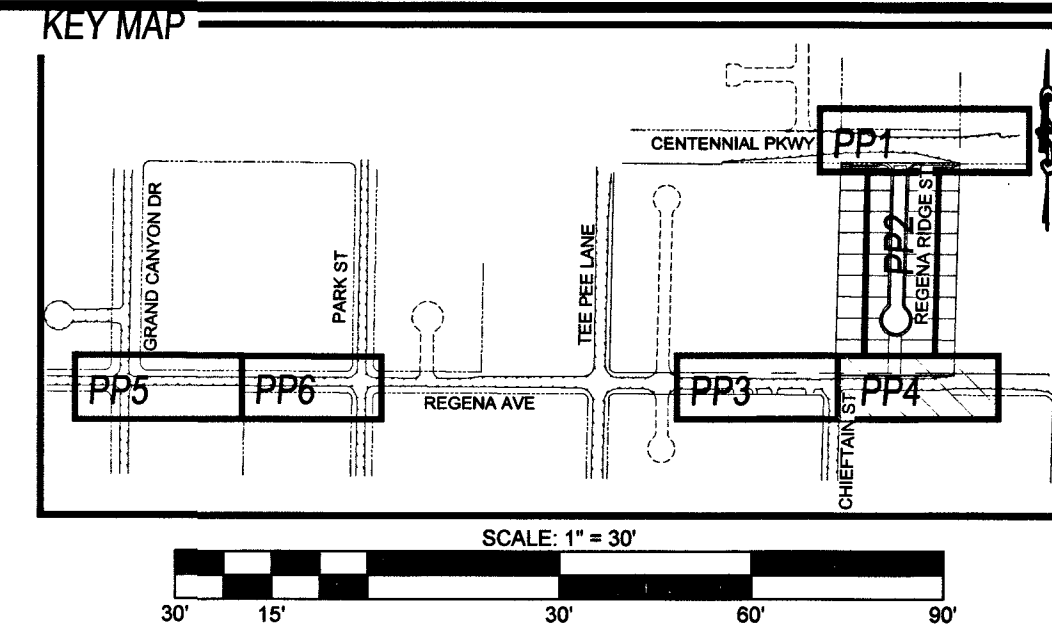
REGENA AVE (PUBLIC) - PROFILE
STA: 24+50.00 TO 30+00.00
SCALE: 1"=30' HORIZONTAL; 1"=3' VERTICAL

NOTE:
INSTALL PIPELINE MARKET BALLS, PER UDACS PLATE NO. 15
WATER MAIN JOINT DEFLECTION, PER UDACS 2.07.01 AND 2.07.03

DEPTH OF COVER DURING CONSTRUCTION
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Call before you Dig
Avoid cutting underground
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CALL
811
OR
1-800-227-2600

Call before you
Overhead
1-702-227-2929



CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING

BY: *S. Justin Thorne* 3/25/19 DATE

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- CONSTRUCTION NOTES
1. 24" L-TYPE CURB & GUTTER (USD #216)
 2. INSTALL 30" MODIFIED ROLL CURB AND GUTTER (CCAUSD #217.1)
 3. 8.0' CROSS GUTTER (USD #228)
 4. 5.0' SIDEWALK (USD #234)
 5. 2" AC PAVEMENT OVER 4" TYPE II PER SOILS REPORT (HTE XXXX)
 6. 5.5" AC PAVEMENT OVER 6" TYPE II PER SOILS REPORT (HTE XXXX)
 7. SAWCUT & MATCH EXISTING AC PAVEMENT (USD #500.3, 500.4, 500.5, & 503)
 8. INSTALL CONCRETE VALLEY GUTTER (SEE E/GD1)
 9. INSTALL SIDEWALK UNDERDRAIN (CCAUSD #236)
 10. L-CURB CUT AND GUTTER (SEE M/GD1)
 11. SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #235 CASE
1) A=5.5', B=4.5')
 12. SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT (USD #235) A=8',
B=6'
 13. INSTALL 16" X 48" BLOCK WALL OPENING (SEE K/GD1)
 14. INSTALL SIDEWALK (USD #234) WITH A-TYPE CURB (USD #219)
 15. INSTALL REMOVABLE BOLLARD AT 4 O.C. (DCSWCS SD-38) DETAIL R/GD1
 16. INSTALL 48" STANDARD MANHOLE (DCSWCS SD-1A,
SD-1B, & SD-4) WITH SINGLE 24" LID
 17. INSTALL 48" MANHOLE W/ CAST-IN-PLACE MANHOLE
BASE (DCSWCS SD-7) WITH SINGLE 24" LID
 18. INSTALL 8" GV PER UDACS PLT 30
 19. INSTALL 10" X 8" REDUCER

GEOTECHNICAL
AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE., SUITE 6B
LAS VEGAS, NV 89119
(702) 889-9617
REPORT NO: 1916-GEO
DATE: 03/02/18

UTILITY DISCLAIMER
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HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR
UTILITIES NOT SHOWN IN THEIR EXISTING LOCATIONS.

LINE AND CURVE DATA
FOR LINE AND CURVE DATA TABLES, SEE THE GRADING PLAN SHEETS FOR THIS PROJECT.

PROFILE NOTES
ADD 2600 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.
ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND
MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).
ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE
PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE
BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO GOVERNING ENTITY.

BENCHMARK
RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1090195ES
ELEVATION (FEET): 2618.96 (799.258 METERS)

APPROVED FOR CONSTRUCTION
S. Justin Thorne
LAS VEGAS VALLEY DISTRICT ENGINEERING SERVICES
PROJECT# 135691 FIRST APPROVED DATE 3/10/19
LVWD APPROVED FIRE FLOW: 2000 GPM AT 20 PSI RESIDUAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW: N/A GPM
ACCEPTANCE OF PLANS FOR FILING
BY: DEVELOPMENT AND FLOOD CONTROL DATE

NO.	DESCRIPTION	BY	SHTS.	APPR.	DATE
1	REVISIONS				
2					
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20					

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89123
(702) 365-8388 FAX:
TANEY ENGINEERING
6000 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233

CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION
PLAN & PROFILE 4
REGENA AVE
STA: 24+50 TO 30+00

DATE: 1/9/2019
SCALE: 1"=30'
JOB NO: ADV-17-086
DESIGNED BY: BP CHECKED BY: SJT
SHEET NAME: PP4
SHEET NUMBER: 12 OF 20
PW18-18639
107Y5089 L18-02344

PROJ# 135691A QS:125-30-NE



This profile view shows the vertical alignment of a sewer line. The vertical axis represents elevation in feet, ranging from 2654 to 2688. The horizontal axis represents stationing, ranging from 5+00 to 9+00. The diagram includes the following elements:

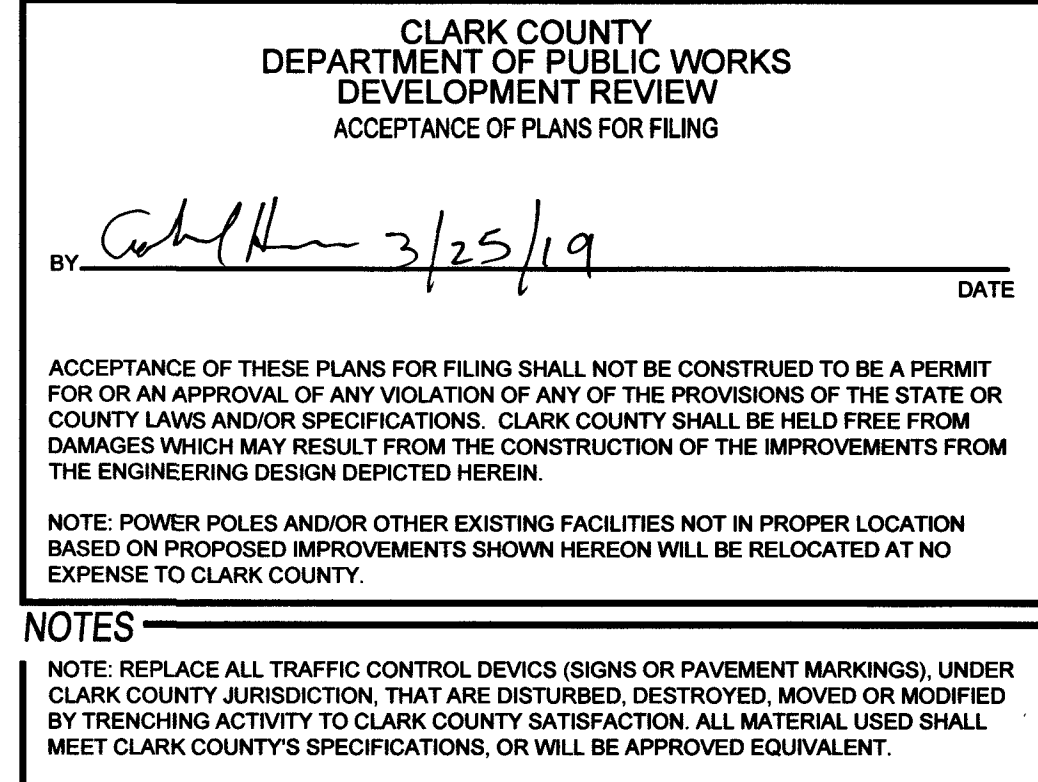
- Existing Grade at CL:** A dashed line representing the current ground surface.
- Proposed Sewer Line:** A solid line showing the planned sewer profile, including a 45° horizontal bend rolled 11" at STA=4+79.36 and a 90° horizontal bend at STA=6+50.00.
- Manholes and Valves:**
 - EX BOV (Existing Blow-off Valve) at STA=4+79.36, INV=2679.4.
 - EX WATER MH (Existing Water Manhole) at STA=6+50.00, INV=2679.9.
 - GATE VALVE at STA=8+95.62, INV=2663.9.
- Pipes:**
 - 17.5 LF 8" PVC W (PUBLIC) from STA=4+79.36 to STA=4+92.45, INV=2677.0.
 - 15' RESTRAINED JOINTS between STA=4+92.45 and STA=5+00.00.
 - EX 36" MCPLP CONTRACT #C1042 from STA=5+00.00 to STA=6+50.00.
 - 805.9 LF 8" PVC W (PUBLIC) from STA=6+50.00 to STA=8+95.62.
- Grades and Slopes:**
 - EXISTING GRADE AT CL slopes of -3.13%, -2.26%, 0.17%, -2.21%, and -2.88%.
 - PROPOSED GRADE AT CL slopes of -2.26% and -2.88%.
- Other Notes:**
 - REMOVE EX BLOW-OFF VALVE & CONNECT TO EX 45° HORIZONTAL BEND ROLLED 11" STA=4+79.36 INV=2679.4.
 - EX HIGH PRESSURE 16" STL GAS MAIN (PUBLIC) W/RF 0201492751.
 - EX 90° HORIZONTAL BEND at STA=6+50.00.
 - 5' MIN COVER OVER WIL (Minimum cover over water line).
 - 1" MAX DEFLECTION (Maximum deflection).

DEPTH OF COVER DURING CONSTRUCTION
 MAINTAIN MINIMUM TWENTY-FOUR (24) INCH COVER PER UDACS SECTION
 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE
 INSTALLATION.

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

Avoid overhead power
line contact. It's costly.

Call
before you
Overhead
1-702-227-2929



- GEOTECHNICAL**
- AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE., SUITE 6B
LAS VEGAS, NV 89119
(702) 889-9617
- REPORT NO: 1916-GEO
DATE: 03/02/18

UTILITY DISCLAIMER

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 EXISTING LOCATIONS.

LINE AND CURVE DATA
FOR LINE AND CURVE DATA TABLES, SEE THE GRADING PLAN SHEETS FOR THIS PROJECT.

PROFILE NOTES

ADD 2600 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO GOVERNING ENTITY.

BENCHMARK
RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

APPROVED FOR CONSTRUCTION

Sharon Oon

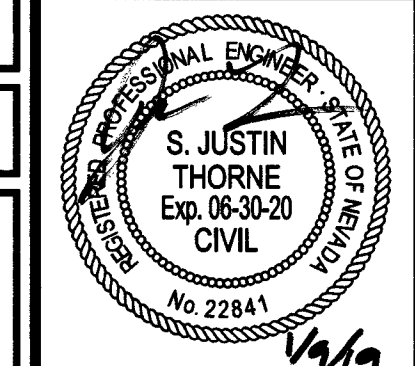
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT 135691 FIRST APPROVED DATE 2-16-10
LWMDO APPROVED FIRE FLOW 2500 GPM AT 50 PSI RESIDUAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW 11A GPM

ACCEPTANCE OF PLANS FOR FILING

BY: _____
DEVELOPMENT AND FLOOD CONTROL

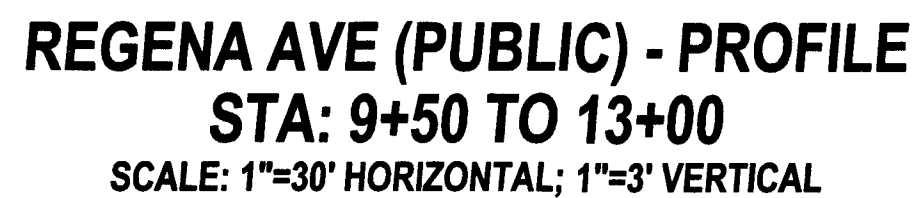
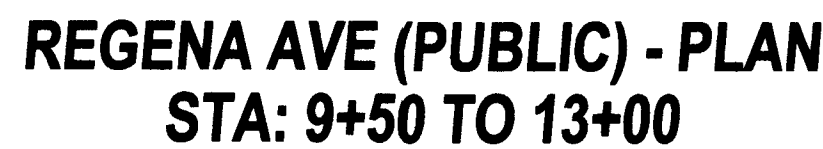
DATE _____

**CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION
PLAN & PROFILE 5
REGENA AVE
STA: 4+50 TO 9+50**



DATE: 7/1		1/9/2019	
SCALE:		1"=30'	
JOB NO:		ADV-17-086	
DESIGNED BY: BP		CHECKED BY: SJT	
SHEET NAME:		PP5	
SHEET NUMBER:		13 OF 20	
---		PW18-18639	
107X5000		1/10/2024	

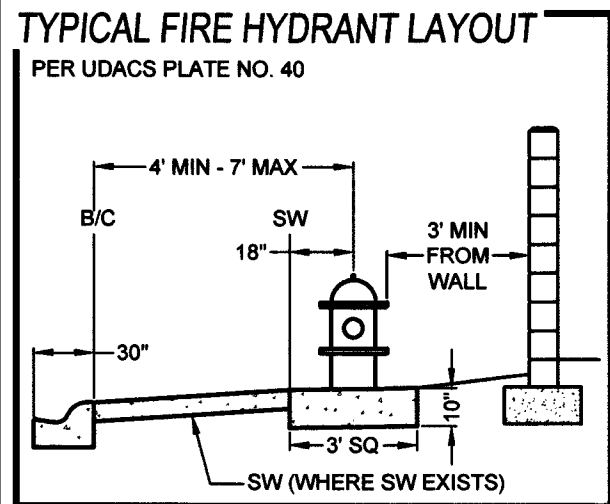
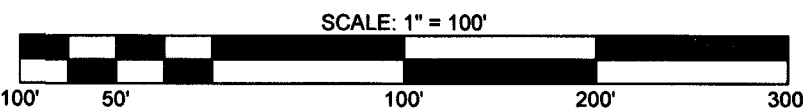
FILE NAME: S:\ACTIVE\ADAVEN HOMES\ADV-17-086 - FORT APACHE & CENTENNIAL\ENGINE\PS\PRODUCTION\DWGS\DWGSHEET DWGS\ADV17086_SHT_PP.DWG



107Y5089 L18-02344



DATE:		1/9/2019	
SCALE:		1"=30'	
JOB NO:		ADV-17-086	
DESIGNED BY:	BP	CHECKED BY:	SJT
SHEET NAME:		PP6	
SHEET NUMBER:		14 OF 20	
107Y5089		PW18-18639 L18-02344	



CAUTION: HIGH PRESSURE GAS!!

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR
HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

UTILITY DISCLAIMER

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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 EXISTING LOCATIONS.

BENCHMARK

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1030195ES
ELEVATION (FEET): 2618.96 (788.258 METERS)

- Call before you Dig**
Avoid cutting underground utility lines. It's costly.
CALL
811
OR
1-800-227-2600

Avoid overhead power
line contact. It's costly.

Call
before you
Overhead
1-702-227-2929

APPROVED FOR CONSTRUCTION	
<i>Samuelson</i>	
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES	
PROJECT# 135691	FIRST APPROVED DATE <i>2-10-19</i>
LVVWD APPROVED FIRE FLOW: 2000 GPM AT 20 PSI RESIDUAL	
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW: N/A GPM	

ACCEPTANCE OF PLANS	
<i>Pamela Kennedy</i>	<i>1-10-19</i>
SOUTHWEST GAS CORPORATION	DATE

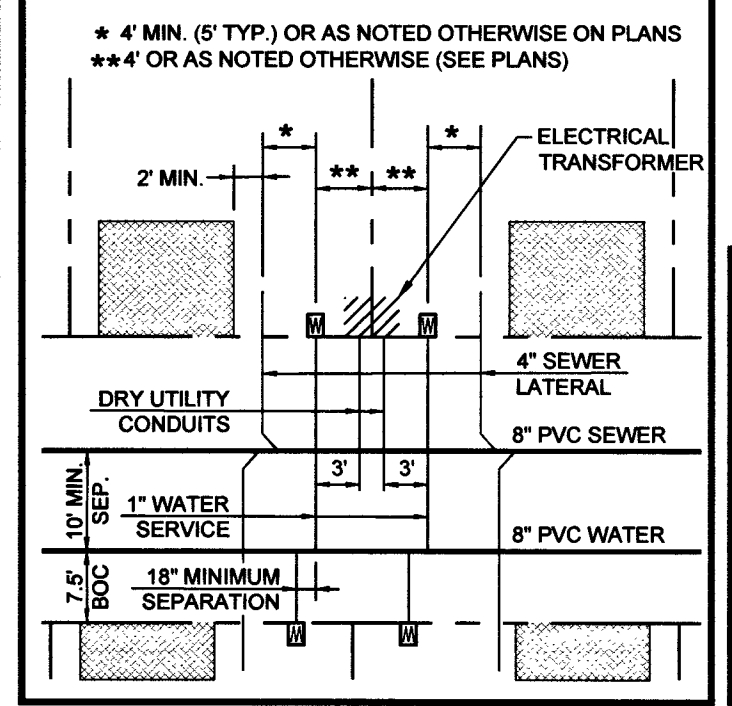
APPROVED FOR CONSTRUCTION	
<i>Fred Blomgren</i>	
CITY OF LAS VEGAS FIRE DEPARTMENT	
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN	
APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY	
LAWS. FIRE FLOW = 2,000 G.P.M. AT 20 PSI RESIDUAL	

[illegible]

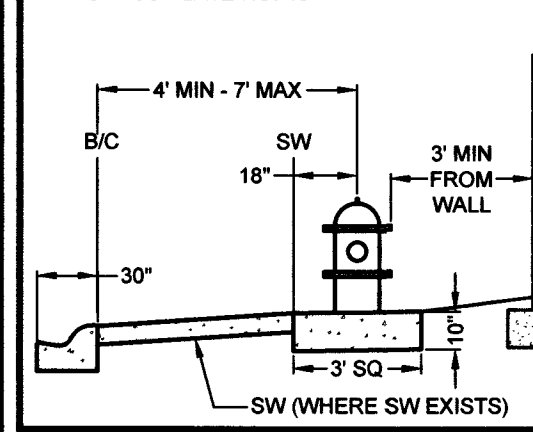


THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPERS RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

FOR LOTS LESS THAN 70' WIDE UNLESS OTHERWISE NOTED
(SIZES AS NOTED ON PLANS)



PER UDACS PLATE NO. 40



FIRE FLOW REQUIREMENT IS 2,000 GPM @ 20 PSI RESIDUAL

IF THE ANTICIPATED FIRE FLOW IS INSUFFICIENT, AND HOME
EXCEED THE DECLARED SQUARE FOOTAGE NOTED ABOVE,
13D SPRINKLER SYSTEM SHALL BE REQUIRED.

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RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST
OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

1. ALL WATER FACILITIES CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS" (UDACS), LATEST EDITION.
2. FIRE, WATER, AND SEWER SERVICES, AS APPROVED ON THIS PLAN, ARE INTENDED SPECIFICALLY FOR THE LOT AND USE SHOWN, AND ARE NOT INTENDED TO SERVICE ADDITIONAL PARCELS OR STRUCTURES WHICH MAY BE CREATED IN THE FUTURE. IN THE EVENT THAT THE PARCELS AND/OR LOTS SHOWN ON THIS PLAN ARE FURTHER DIVIDED TO CREATE ADDITIONAL PARCELS OR LOTS, THE OWNER IS REQUIRED TO PROVIDE SEPARATE FIRE, WATER, & SEWER SERVICES TO EACH.
3. WATER AND SEWER LATERALS SHALL BE INSTALLED A MINIMUM OF 48" APART IN SEPARATE TRENCHES. WATER LATERALS SHALL BE A MINIMUM OF 12" ABOVE THE SEWER LATERAL. (REF. UNIFORM PRACTICE CODE)
4. LOCATOR RIBBON SHALL BE USED FOR ALL SERVING LATERALS NOT PERPENDICULAR TO THE MAIN. (TYPICAL)
5. ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF "UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS" (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
6. ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CLARK COUNTY.
7. ALL ONSITE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED.
8. INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING. (UDACS PLT 15.)
9. 3" MIN. HORIZONTAL CLEARANCE REQUIRED BETWEEN WATER MAINS AND DRY UTILITIES PER UDACS SECTION 2.04.02
10. 12" MIN. VERTICAL CLEARANCE REQUIRED BETWEEN WATER MAINS AND DRY UTILITIES AND 3" MIN. BETWEEN WATER LATERALS AND DRY UTILITIES PER UDACS SECTION 2.04.05

- 1) INSTALL 8" PVC SS (DCSCWS SD-17)
- 2) INSTALL 48" STANDARD MANHOLE W/ SINGLE 24" LID (DCSCWS SD-1A, SD-1B, & SD-4)
- 3) 4" SEWER LATERAL W/ MARKER BALL & CURB MARKING (DCSCWS SD-22)
- 4) 1" WATER SERVICE W/ 3/4" METER (UDACS PLATE NO. 1)
- 5) CAP AND 2" BLOW-OFF ASSEMBLY (UDACS PLATE NO. 36)
- 6) INSTALL 8" X 8" WATER TEE (UDACS PLT. 31)
- 7) REMOVE EX. BLOW-OFF VALVE AND CONNECT TO EX. WATER LINE
- 8) INSTALL 48" MANHOLE W/ CAST-IN-PLACE MANHOLE (DCSCWS SD-7)
- 9) INSTALL 48" HORIZONTAL BEND ROLLED 11" (UDACS PLT. 31)
- 10) INSTALL FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE (UDACS PLT. 40)
- 11) SAWCUT & MATCH INTO EXISTING AC PAVEMENT (CMAA50 #500.3, 500.4, 500.5 & 500.3)
- 12) NOT USED
- 13) INSTALL 8" GV PER UDACS PLT 30
- 14) INSTALL 10" X 8" REDUCER
- 15) NOT USED
- 16) INSTALL 8" X 6" TEE PER UDACS PLT. 31

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

Pamela Kennedy 1/10/19
SOUTHWEST GAS CORPORATION DATE

Shanne Ocon
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT# 135691 FIRST APPROVED DATE 3.16.19
LVVWD APPROVED FIRE FLOW: 2000 GPM AT 20 PSI RESIDUAL
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW N/A GPM

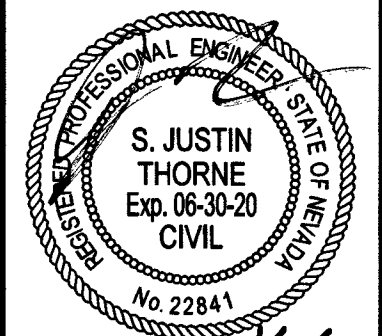
Santhosh 1/10/19
CITY OF LAS VEGAS FIRE DEPARTMENT DATE
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN
APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY
LAWS. FIRE FLOW = 2,000 G.P.M. AT 20 PSI RESIDUAL.

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89129
(702) 365-8598 FAX:

TANAY & ENGINEERING
9030 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-3233



**CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION**



SCALE: 1"=30'

DESIGNED BY:	CHECKED BY:
BP	SJT

UT3

10 OF 20

PW18-18639

NOTE: CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECTS OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS AND/OR SIGNAGE. THE CONTRACTOR SHALL MAKE ANY ADJUSTMENTS TO THE SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS AND/OR THE TRAFFIC CONTROL SIGNALS AND LANE. TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

SCALE: 1" = 30'

A horizontal graphic scale bar with alternating black and white segments. Below the bar, tick marks indicate distances of 30', 15', 30', 60', and 90'.

IS THERE AN EXISTING SERVICE PEDESTAL IN THE FIELD (NOT PROPOSED) ADJACENT TO THIS PROPERTY THAT MIGHT BE ABLE TO BE USED TO POWER THIS PROJECT'S STREETLIGHTS? (CIRCLE)		(YES) NO	CONNECT TO EX. INSTALL A NEW SERVICE PEDESTAL
SERVICE PEDESTAL LOCATION: SOUTHWEST CORNER OF W. CENTENNIAL PKWY & N. FORT APACHE RD. (ADDRESS: 8397 N. FT. APACHE RD.)			
CITY OF LAS VEGAS (COMPLETE IF EXISTING SERVICE)			
DATE OF CAPACITY VERIFICATION: MIKE PERRY - NA (ENGINEER OF THE OFFSITE PLANS: JUSTIN S. THORNE, P.E.) PERSON WHO DID THE CALCULATIONS: JUSTIN S. THORNE, P.E.			
CONSULTING ENGINEERING FIRM: TANAY ENGINEERING			
CAPACITY CALCULATIONS			
1.	CIRCUIT CAPACITY		60.0 AMPS
2.	MAXIMUM CONTINUOUS CURRENT DRAW (80%)		48.0 AMPS
3.	EXISTING CIRCUIT LOAD (ENTER 0 IF NONE)		3.5 AMPS
4.	AVAILABLE (E MINUS S) LOAD		44.5 AMPS
PROPOSED LUMINAIRE LOAD TO CURRENT:			STLTS
1.	NUMBER OF <u>L80-5-10-175</u> FOR <u>60'x120' LOSSES</u> <u>6/W</u>		0 AMPS
4.	NUMBER OF <u>L80-5-10-175</u> FOR <u>80'-100'x120' 6/W</u>		3.5 AMPS
7.	TOTAL PROPOSED ADDITIONAL LOAD (S+H)		3.5 AMPS
REMAINING AVAILABLE LOAD (4 MINUS 7)			41 AMPS

A	INSTALL 36" R1-1 "STOP" SIGN W/ (2) 9" D-3 "STREET NAME" SIGNS
B	INSTALL 100' ROW LED STLT PER QPL PER CCAUSD 300.53, 302.52, 314, 320, & 321
C	PAINT CURB RED 15' EACH SIDE OF HYDRANT
D	INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKER
E	INSTALL 4" PVC F.A.S.T. CONDUIT
F	INSTALL 1 1/4" STLT CONDUIT W/ (2) NO. 4 AND (1) NO. 8 THW-2 OR XHHW-2 COPPER CONDUCTORS
G	INSTALL P30 PULL BOX WITH FIBER OPTICS INSCRIBED ON LID FOR F.A.S.T. CONDUIT
H	INSTALL 3 1/2 PULL BOX PER CCAUSD NO. 705
I	STUB AND CAP STREETLIGHT CONDUIT AND F.A.S.T. CONDUIT 5' PAST PROPERTY LINE
J	INSTALL 4" WIDE WHITE EDGE LINE
K	INSTALL TYPE 2 CENTERLINE PER CCAUSD NO. 244
L	INSTALL 36" X 36" W3-1 "STOP AHEAD" SIGN
M	INSTALL R7-1A "NO PARKING ANYTIME" SIGN
N	INSTALL OM3-R @ 25' O.C.
O	PAINT CURB RED AROUND CUL-DE-SAC PER IFC SECTION 503.3

SIGHT VISIBILITY ZONES (SVZ)
NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES, FIRE HYDRANTS, TREES, AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SVZ UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24" IN HEIGHT FROM THE ADJACENT TOP OF CURB, OR 27" FROM THE TOP OF ADJACENT ASPHALT WHERE NO CURB EXISTS. (C.O.A.S.D 201)

Diagram illustrating four traffic signs and their dimensions:

- Top Left:** A square sign with a black border and the text "STREET NAME". Dimensions: $36" \times 36"$ PER NOTE A.
- Top Right:** A diamond-shaped sign with a black border, a black circle with a diagonal line through it, and an upward-pointing black arrow above it. Dimensions: $36" \times 36"$ PER NOTE L.
- Bottom Left:** A square sign with a black border, a black circle with a diagonal line through it, and the text "ANY TIME" with a double-headed arrow below it. Dimensions: $18" \times 24"$.
- Bottom Right:** A rectangular sign with a black border and diagonal black stripes. Dimensions: $12" \times 36"$.

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RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 50' NORTH AND 40' WEST OF CENTENNIAL PKWY AND FORT APACHE RD. STATION: 1C9019SES
ELEVATION (FEET): 2618.96 (798.258 METERS)

APPROVED FOR CONSTRUCTION

Carl S. Davis

1/16/19

CITY OF LAS VEGAS FIRE DEPARTMENT

DATE

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 = 2,000 G.P.M. AT 20 PSI RESIDUAL.

[illegible]

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89129
(702) 365-8588 FAX:

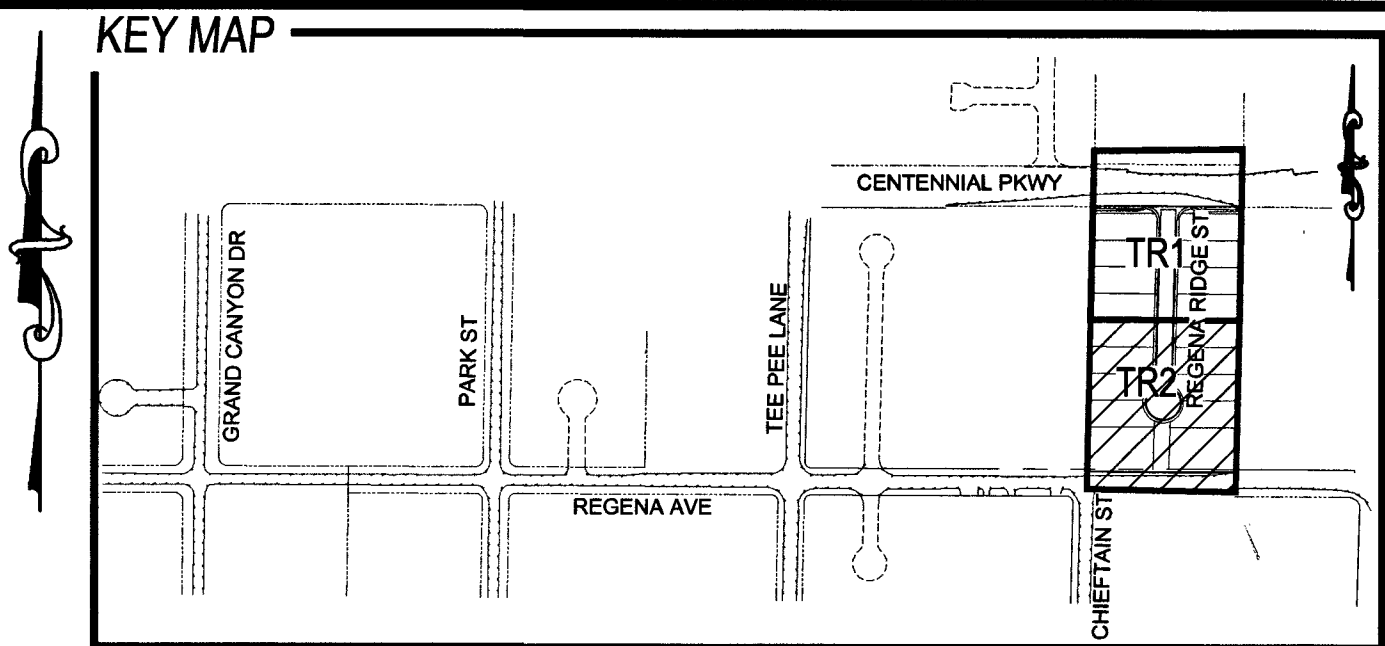
TANEY & ENGINEERING
6030 S. JONES BOULEVARD
LAS VEGAS, NV 89118



**CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION**

TRAFFIC PLAN 1

DATE:		1/9/2019	
SCALE:		1"=30'	
JOB NO:		ADV-17-086	
DESIGNED BY:		CHECKED BY:	
BP		SJT	
SHEET NAME:		TR1	
SHEET NUMBER:		19 OF 20	
—		PW18-18639	
107Y5089		L18-02344	

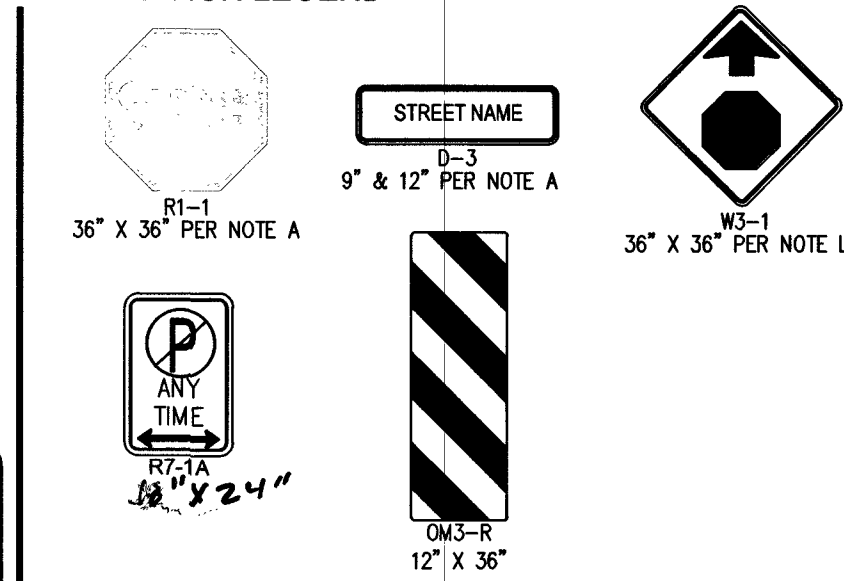


CONSTRUCTION NOTES

- | | |
|----------|--|
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| B | INSTALL 100' ROW LED STLT PER QPL PER CCAUSD 300.53, 302.52, 314, 320, & 321 |
| C | PAINT CURB RED 15' EACH SIDE OF HYDRANT |
| D | INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKER |
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| H | INSTALL 3 1/2 PULL BOX PER CCAUSD NO. 705 |
| I | STUB AND CAP STREETLIGHT CONDUIT AND F.A.S.T. CONDUIT 5' PAST PROPERTY LINE |
| J | INSTALL 4" WIDE WHITE EDGE LINE |
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TRAFFIC SIGN LEGEND



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ELEVATION (FEET): 2618.96 (798.258 METERS)

APPROVED FOR CONSTRUCTION

Paul Blamer 1/16/19
CITY OF LAS VEGAS FIRE DEPARTMENT DATE
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN
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LAWS. FIRE FLOW = 2,000 G.P.M. AT 20 PSI RESIDUAL.

Clark County Public Works
ACCEPTED

BY: Cash/Jan 3/25/19 DATE _____

ACCEPTANCE OF THESE PLANS SHALL NOT BE
CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF
ANY VIOLATION OF STATE, COUNTY OR FEDERAL LAW
SPECIFICATIONS OR THE MANUAL OF UNIFORM TRAFFIC
CONTROL DEVICES.

NOTE: CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECT'S OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS. MARKINGS SHALL BE PLACED AT THE APPROVED SPACING AND SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS, TRAFFIC CONTROL DEVICES, SIGNS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

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Avoid cutting underground utility lines. It's costly.

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811
OR
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Call
before you
Overhead
1-702-227-2929

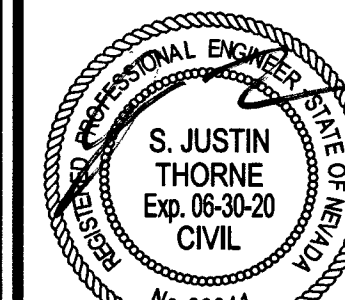
[illegible]

ADAVEN HOMES
3425 CLIFF SHADOWS PKWY
LAS VEGAS, NV 89129

TANEY & ENGINEERING
6030 S. JONES BOULEVARD
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233



**CENTENNIAL & FORT APACHE
A RESIDENTIAL SUBDIVISION**



DATE: 1/9/2019

SCALE: 1"=20'

JOB NO: _____

ADV-17-086

DESIGNED BY:	CHECKED BY:
BP	SJT

SHEET NAME: **TR0**

IR2

SHEET NUMBER:

20 OF 20

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