

DEPARTMENT OF PUBLIC WORKS

Mayor:
CAROLYN G. GOODMAN

City Council:
STAVROS S. ANTHONY (Mayor Pro-Tem)
LOIS TARKANIAN
STEVEN D. ROSS
RICKI Y. BARLOW
BOB COFFIN
BOB BEERS

City Manager:
ELIZABETH N. FRETWELL

Director of Public Works:
DAVID N. BOWERS P.E., P.T.O.E.

City Engineer:
ALLEN E. PAVELKA, P.E.

Funded By:
CITY OF LAS VEGAS



215 BELTWAY TRAIL ALEXANDER ROAD TO CRAIG ROAD

Reviewed By:

Allen Pavelka 02-17-15
CLV CITY ENGINEER DATE

Paul J. [Signature] 2-17-15
CLV PROJECT MANAGER DATE

Mike Janson 2/17/15
CLV CITY TRAFFIC ENGINEER DATE

[Signature] 2/17/15
CLV CONSTRUCTION MANAGER DATE

N/A
SOUTHWEST GAS CORPORATION DATE

Mike Janson 2/12/15
CENTRAL TELEPHONE COMPANY, d/b/a CENTURYLINK DATE
THE AFFIXED CENTURYLINK NEVADA 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 STANDARD
REGULATIONS.

Stephanie Smith 2/12/15
COX COMMUNICATIONS LAS VEGAS, INC. DATE

Amelia K Cooke 2-12-15
NV ENERGY - DISTRIBUTION DATE
NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND
WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH
THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY
EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS
COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY
CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC
UTILITY COMMISSION'S RULES AND REGULATIONS.

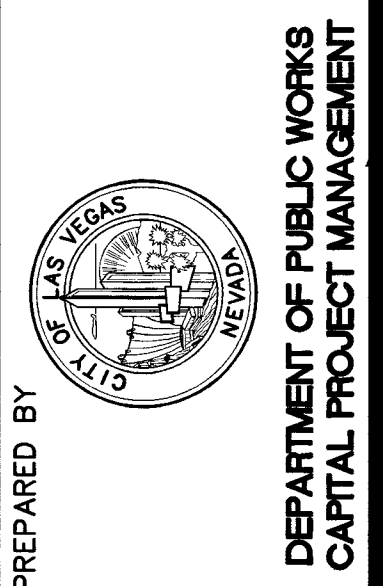
N/A
NV ENERGY - TRANSMISSION DATE

APPROVED FOR CONSTRUCTION
[Signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 02/17/15 PROJECT# 123493
SHEETS: CV, GN, HC, PP1, PP2, PP3 NO. NEW FACILITIES

THE SIGNATURE ABOVE ACKNOWLEDGES THAT THE UTILITY COMPANY
REPRESENTATIVE HAS REVIEWED THE PLANS, AND THAT TO THE BEST
OF HIS OR HER KNOWLEDGE THE UTILITY LINES ARE SHOWN IN THE
CORRECT LOCATIONS AND ARE THE CORRECT SIZES. WHILE SUCH DATA
HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO
EXPRESSED OR IMPLIED GUARANTEE THAT THE LOCATIONS ARE EXACT.
THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF OBTAINING THE
ACTUAL FIELD LOCATIONS.

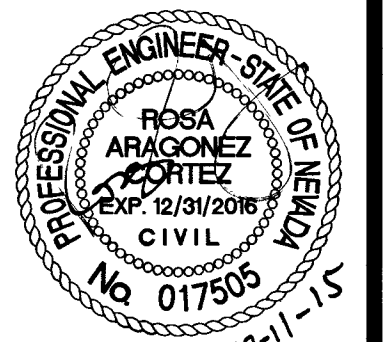
THE SIGNATURE ABOVE FURTHER ACKNOWLEDGES THAT THE UTILITY
COMPANY DOES NOT ANTICIPATE CONSTRUCTION OR MAINTENANCE IN
THE PROJECT AREA FOR FIVE (5) YEARS IN CONFORMANCE WITH THE
CLV NO-CUT POLICY.

NO.	DATE	SHEET	REVISIONS



PREPARED FOR CITY OF LAS VEGAS	BID# 15.57203	DESIGNED BY: GJJ	DRAWN BY: GJJ	CHECKED BY: RC
H# 57203	DATE: FEBRUARY 2015	SUBMITTAL STAGE: FINAL		

TITLE	215 BELTWAY TRAIL ALEXANDER ROAD TO CRAIG ROAD
SHEET	COVER SHEET



SHEET	CV
1 of 7	DRAWING NO. 676-18

CITY OF LAS VEGAS GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION, AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA, NEVADA", LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE "UNIFORM BUILDING CODE"; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION, PRIOR TO THE USE ON THE PROJECT.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
- AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
- CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR-TENTHS OF ONE PERCENT SHALL BE WATER-TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION, ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED PER USD 216.
- SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER USD 235, CASE I. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY CITY PROJECT REPRESENTATIVE.
- EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED, AND SHALL BE DONE ONLY BY A NEVADA PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE "UNIFORM STANDARD DRAWINGS, CLARK COUNTY AREA". A RECORD-OF-SURVEY FOR REPLACEMENT OF PERMANENT SURVEY MONUMENTS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO RECORDING. THE RECORD-OF-SURVEY SHALL BE PREPARED IN ACCORDANCE WITH NEVADA REVISED STATUTES 625.350.
- UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE AFFECTED UTILITY COMPANY AND THE CITY ENGINEER.
- ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE CLV BUILDING DEPARTMENT.
- ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHTS OF WAY.
- CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, SEWER CLEANOUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
- MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT AND CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
- WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC., THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE ENGINEER CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
- SANITARY SEWER AND STORM DRAIN FINAL LOCATION INFORMATION SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PROJECT ACCEPTANCE. THE INFORMATION SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, AND THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXITS THE PUBLIC RIGHT-OF-WAY. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL HORIZONTAL AND VERTICAL CONTROL NETWORKS OF THE CITY OF LAS VEGAS. FINAL LOCATION INFORMATION MUST BE SEALED AND CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINITIES OF ± 0.09 METERS (± 0.3 FEET) HORIZONTALLY AND VERTICALLY. A SEPARATE ELECTRONIC COMMA DELIMITED FILE FOR THE SANITARY SEWER AND STORM DRAIN COORDINATES SHALL ALSO ACCOMPANY THE SANITARY SEWER AND STORM DRAIN FINAL LOCATION INFORMATION.
- CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.
- A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

REVISED JANUARY 23, 2014 (CPM VERSION)

CITY OF LAS VEGAS TRAFFIC NOTES

- ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
- THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
- 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 STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
- WHEN A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" IS ENCLOSED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
- 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 CITY TRAFFIC ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL UTILIZE TYPE "X" RETROREFLECTIVE SHEETING IN ACCORDANCE WITH COAUS 627 AND 716 AND SHALL HAVE AN ANTI-GRAFFITI PROTECTIVE OVERLAY FILM THAT IS A MATCHING COMPONENT TO, AND OF THE SAME MANUFACTURER AS THE RETROREFLECTIVE SHEETING TO WHICH IT IS APPLIED. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
- WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5') FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.
- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HERE UNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IWSA WORK ZONE SAFETY SPECIALIST SET UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHT OF WAY.
- WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING RTC TRANSIT IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
- GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE # 828-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
- ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
- THE 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 AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY 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 TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

REVISED JULY 3, 2013

CITY OF LAS VEGAS GRADING NOTES

- IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
- THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
- CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL
A. PAVEMENT AREA SUBGRADE	0.1"±	+0.0' TO -0.1'
B. ENGINEERED FILL	0.5"±	+0.1' TO -0.1'

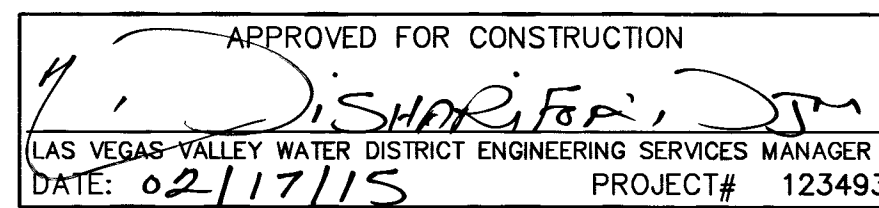
COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE. COMPACTION SHALL COMPLY WITH THE REQUIREMENTS OF THE ENGINEER.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, SUCH ITEM SHALL BE PROVIDED, AS DIRECTED BY THE CITY ENGINEER, AT NO EXPENSE TO THE CITY OF LAS VEGAS. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

REVISED JULY 2008 (CPM VERSION)

LVVWD STANDARD NOTES

- LVVWD PROJECT # 123493
- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT# IDENTIFIED ABOVE.
 - ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
 - ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
 - A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
 - ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
 - ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
 - ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
 - ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
 - ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
 - THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
 - ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
 - ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
 - TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600
 - THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL FACILITIES WILL INCLUDE THE PLACEMENT OF ANY APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.

ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION. DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ADJUTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.



CITY OF LAS VEGAS STREET LIGHT NOTES

- ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION.
- NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC AND CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623 OF THE SPECIFICATIONS.
- ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- ALL EMPTY CONDUIT SHALL HAVE PULL STRINGS AND A #8 AWG TRACER WIRE INSTALLED PER SECTION 623 G.02.01 OF THE SPECIFICATIONS PRIOR TO BACKFILLING AND FINAL INSPECTION.
- ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD NO. 320A WHEN POLE IS INSTALLED BEHIND SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
- AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TRAFFIC ENGINEERING DIVISION PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
- SERVICE POINTS SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT OR AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL FURNISH COMPLETE CONDUIT, WIRE, ETC. FROM SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
- ALL STREET LIGHTING AND TRAFFIC SIGNAL EQUIPMENT REMOVED AND / OR DESIGNATED TO BE SALVAGED SHALL BE DELIVERED BY THE CONTRACTOR TO THE APPROPRIATE CLV SERVICE YARD WITH A MEANS TO UNLOAD. A MINIMUM 24-HOUR NOTICE OF DELIVERY IS REQUIRED. CALL 229-6331 TO SET UP DELIVERY TIME AND LOCATION. REPAIR OF ANY DAMAGE TO EQUIPMENT DURING THIS PROCESS WILL BE THE CONTRACTOR'S RESPONSIBILITY, AT NO ADDITIONAL COST TO THE CITY.

REVISED FEBRUARY 10, 2010 (CPM VERSION)

LEGEND

---	CENTERLINE	—	STORM DRAIN INLET
---	RIGHT OF WAY LINE	⊙	STORM DRAIN MH
---	PROPERTY LINE	⊙	STREET LIGHT
---	AUTHORIZATION TO ENTER PROPERTY (AEP)	⊙	STREET LIGHT PB
---	PATCH / SAWCUT LINE	⊙	TELEPHONE MH
☆	AREA LIGHT	⊙	TELEPHONE PB
⊙	BENCHMARK	⊙	TRAFFIC SIGNAL POLE
⊙	ELEC. VAULT/CABINET	⊙	TRAFFIC SIGNAL PB
⊙	ELECTRIC MANHOLE	⊙	TUV PULLBOX
⊙	ELECTRIC METER	⊙	UTILITY POLE
⊙	FIRE HYDRANT	⊙	UTILITY POLE GUY WIRE
⊙	FOUND MONUMENT	⊙	UTILITY VAULT
⊙	GAS METER	⊙	WATER VAULT/CABINET
⊙	GAS VALVE	⊙	WATER MANHOLE
⊙	IRR. CONTROLLER	⊙	WATER METER
⊙	IRR. VALVE	⊙	WATER VALVE
⊙	LOOP DETECTOR	⊙	
⊙	SANITARY SEWER MH	⊙	
⊙	SET MONUMENT	⊙	
⊙	SIDEWALK RAMP	⊙	
⊙	SIGN	⊙	

ABBREVIATIONS

⊙	AC	ASPHALTIC CONCRETE	MH	MANHOLE
⊙	ACP	ASBESTOS CEMENT PIPE	NTS	NOT TO SCALE
⊙	AEP	AUTHORIZATION TO ENTER PROPERTY	NVE	NV ENERGY
⊙	APPROX.	APPROXIMATE	O.C.	ON CENTER
⊙	B/C, BC	BACK OF CURB	PC	POINT OF CURVE
⊙	BCR	BACK OF CURB RADIUS	P.I.P., P-I-P	PROJECT IN PLACE
⊙	BENCHMARK	BENCHMARK	PP	POWER POLE
⊙	BOT	BOTTOM	PT	POINT OF TANGENCY
⊙	B.R.	BACK OF RAMP	PRC	POINT OF REVERSE CURVE
⊙	CL	CENTERLINE	PB	PULLBOX
⊙	CATV	CABLE T.V.	R, PL	PROPERTY LINE
⊙	CLV	CHAIN LINK FENCE	R.V.I.	POINT OF VERTICAL INTERSECTION
⊙	CLV	CITY OF LAS VEGAS	RT	RADIUS
⊙	CONC.	CONCRETE	R/W, R.O.W.	RIGHT OF WAY
⊙	CONT.	CONTINUOUS	SD	STORM DRAIN
⊙	CLSM	CONTROLLED LOW STRENGTH MATERIAL	SF	SQUARE FOOT
⊙	C & G	CURB AND GUTTER	SS	SANITARY SEWER
⊙	D/W	DRIVEWAY	STA.	STATION
⊙	DWS	DRAWING	STD	STANDARD
⊙	ECR	END OF CURB RETURN (AT B/C)	SY	SQUARE YARD
⊙	ELEC.	ELECTRIC	S/W	SIDEWALK
⊙	EOP, EP	EDGE OF PAVEMENT	TC	TOP OF CURB
⊙	ELEV.	ELEVATION	TEL	TELEPHONE
⊙	EXIST., EX.	EXISTING	TRANS.	TRANSITION
⊙	FD	FOUND	T.R.C.	TOP OF RAMP CURB
⊙	FL	FLOWLINE	TYP.	TYPICAL
⊙	FG	FINISHED GRADE	V.C.	VERTICAL CURVE
⊙	FT	FOOT/FEET	USD	UNIFORM STD DRAWING
⊙	FC	FACE OF CURB	USS	UNIFORM STD SPECIFICATIONS
⊙	GW	GUY WIRE	W	WATER LINE
⊙	INT.	INTERSECTION	WM	WATER METER
⊙	L	LENGTH, LONG	WV	WATER VALVE
⊙	LF	LINEAL FOOT, LINEAR FEET	W/	WITH
⊙	LT	LEFT	△	INCLUDED DELTA ANGLE

SHEET INDEX

1	CV	COVER SHEET
2	GN	NOTES, ABBREVIATIONS, LEGEND AND SHEET INDEX
3	HC	SURVEY CONTROL INFORMATION, HORIZONTAL CONTROL, KEY MAP AND VICINITY MAP
4	PP1	PLAN AND PROFILE 1 "EE" 10+00 TO "EE" 19+65
5	PP2	PLAN AND PROFILE 2 "EE" 19+65 TO "EE" 29+45
6	PP3	PLAN AND PROFILE 3 "EE" 29+45 TO END OF PROJECT
7	DET	MISCELLANEOUS DETAILS

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

SHEET

GN

2 of 7

DRAWING NO. 676-18



PREPARED BY

CITY OF LAS VEGAS

BID# 15.57203

DESIGNED BY: GJJ

DRAWN BY: GJJ

CHECKED BY: RC

PREPARED FOR

CITY OF LAS VEGAS

H# 57203

DATE: FEBRUARY 2015

SUBMITTAL STAGE:

FINAL

TITLE

215 BELTWAY TRAIL

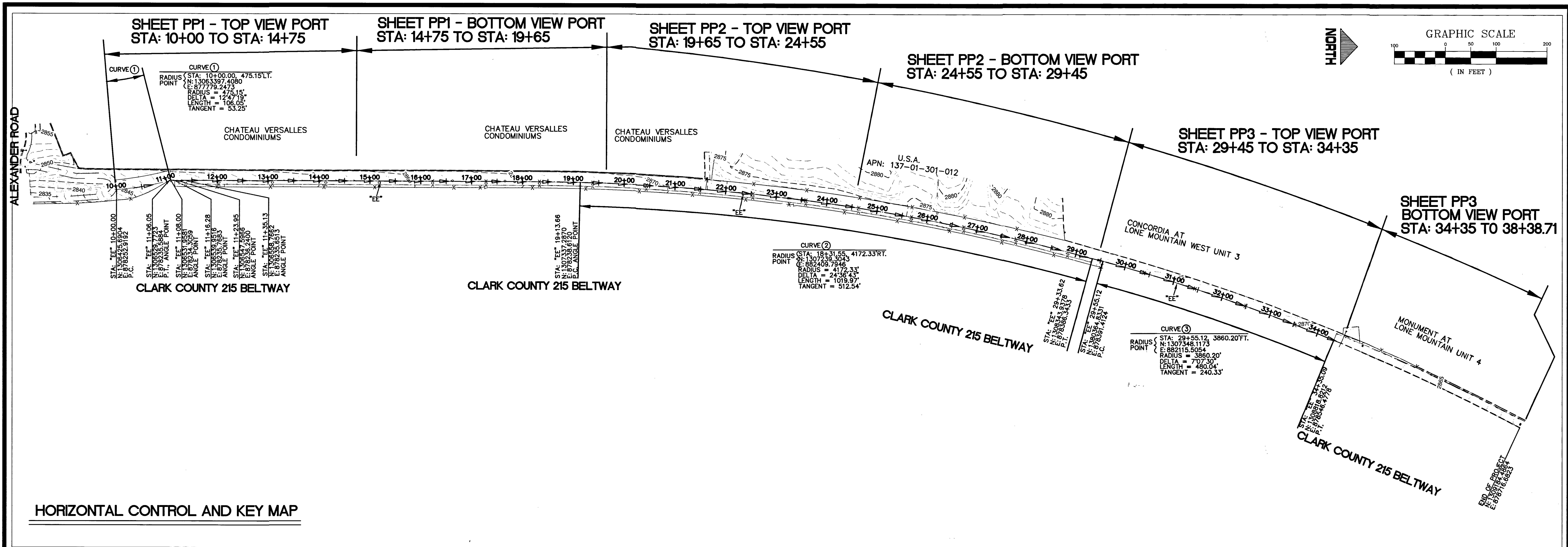
ALEXANDER ROAD TO CRAIG ROAD

SHEET

NOTES, ABBREVIATIONS, LEGEND

AND SHEET INDEX

2/9/15 F:\P\LENG DESIGN\DESIGN\57203_215 BELTWAY TRAIL GAP\DESIGN_FINAL.DWG



SURVEY CONTROL INFORMATION:

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS). LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

HORIZONTAL DATUM AND COORDINATE SYSTEM

DATUM & REALIZATION: NAD 1983 (2011) EPOCH 2010.0
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS HIGH ELEVATION
PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 400,000,000 m (1,312,333.3333 sft)
EASTING AT CENTRAL MERIDIAN: 300,000,000 m (984,250.0000 sft)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (exact)
LINEAR UNIT: US SURVEY FOOT (sft)

BENCHMARK

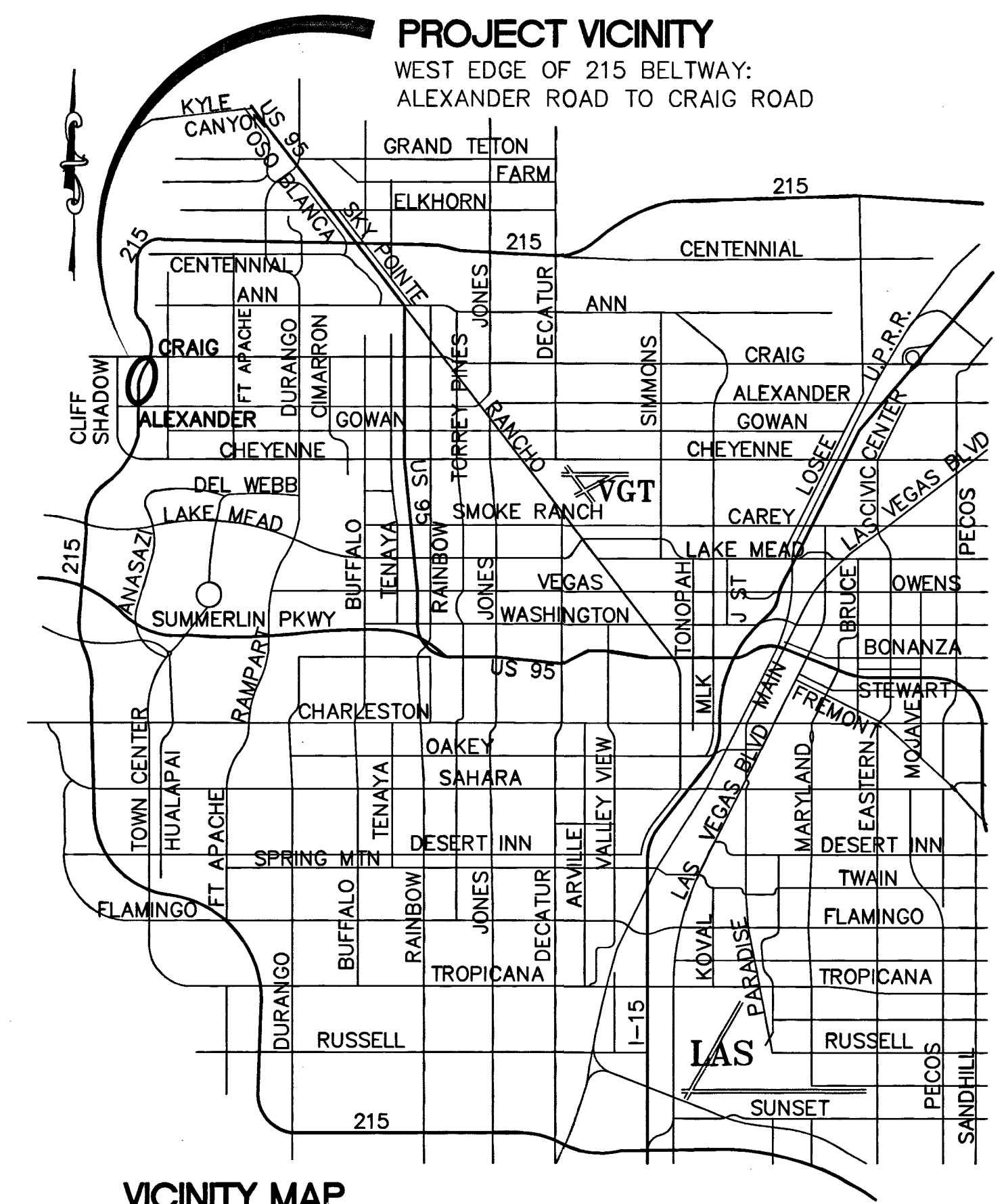
CITY OF LAS VEGAS BENCHMARK 5LV091S4
DESCRIPTION: RIVET AND PLATE IN TOP OF CURB ON THE NORTH SIDE OF ALEXANDER ROAD JUST EAST OF THE 215 BELTWAY OVERPASS.
ELEVATION: 2833.86' feet (NAVD88-2008 CLV ADJUSTMENT)
NOTE: THE ELEVATION CONTAINED WITHIN THE DRAWINGS ARE DERIVED USING RTK GPS AND ARE ACCURATE TO WITHIN ±0.15'.

ALIGNMENT ABBREVIATION:

ABBREVIATION	DESCRIPTION
"EE"	EAST EDGE OF TRAIL / WEST EDGE OF CONC. CHANNEL

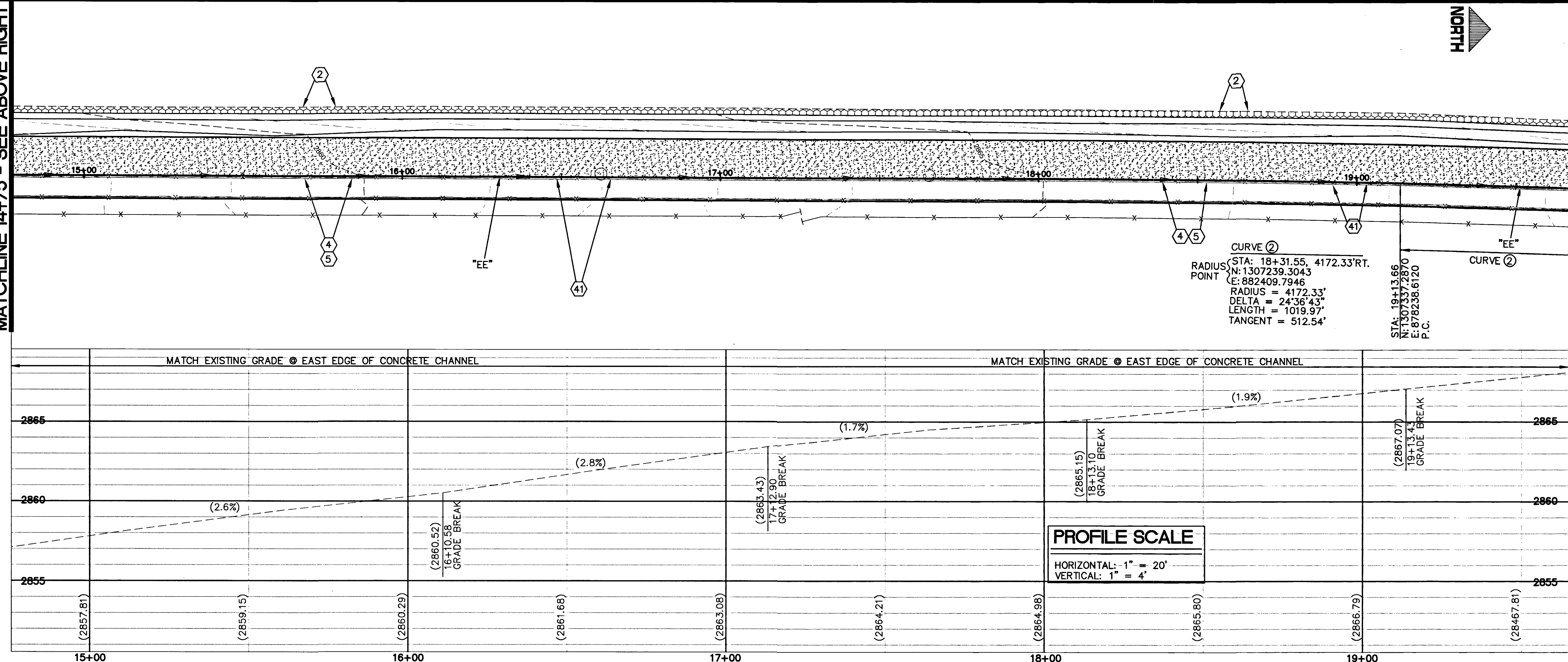
CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION
[Signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 02/17/15 PROJECT# 123493

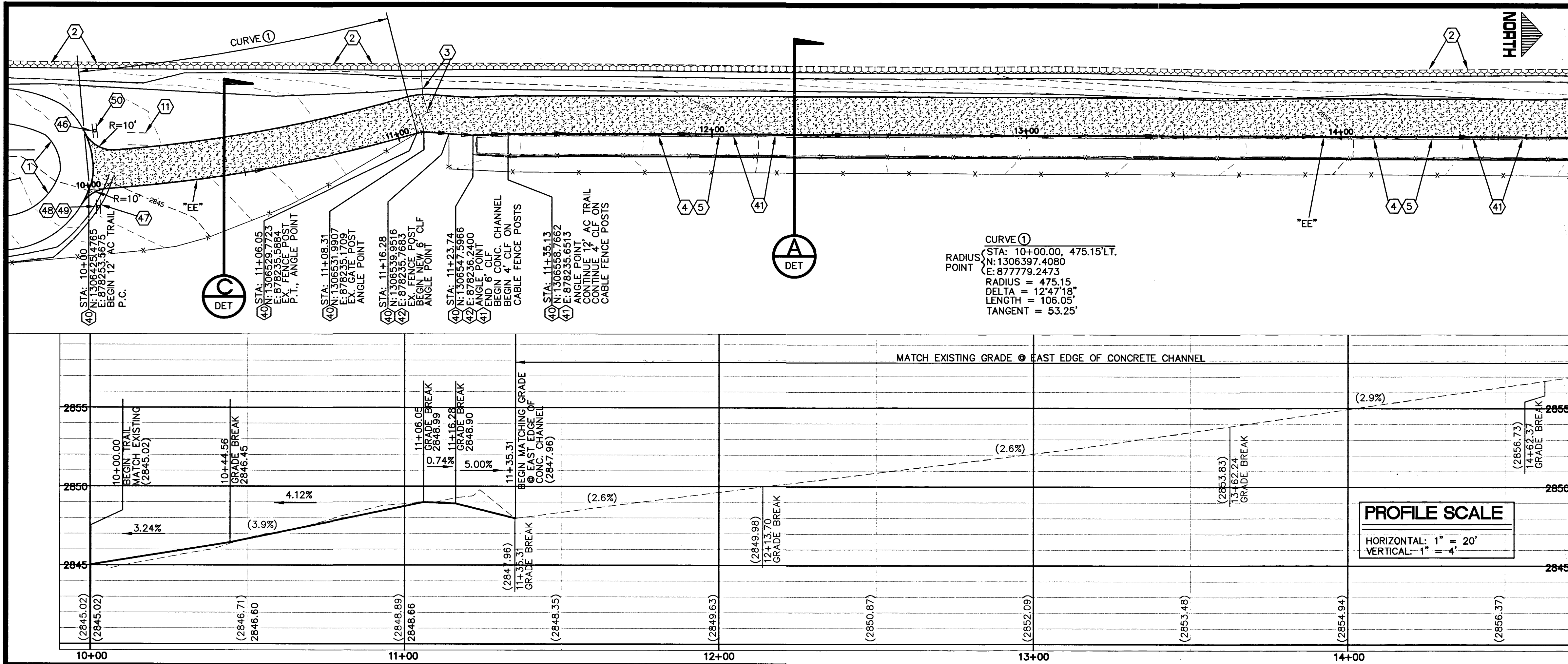


PREPARED BY	CITY OF LAS VEGAS	DESIGNED BY: GJJ	CHECKED BY: RC
DATE: FEBRUARY 2015	BID# 15.57203	DRAWN BY: GJJ	
SUBMITTAL STAGE: FINAL	H# 57203		
DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT MANAGEMENT			
NO. DATE REVISIONS			
TITLE: 215 BELTWAY TRAIL ALEXANDER ROAD TO CRAIG ROAD			
SHEET: SURVEY CONTROL INFORMATION, HORIZONTAL CONTROL, KEY MAP AND VICINITY MAP			
PROFESSIONAL ENGINEER - STATE OF NEVADA ROSA ARAGON-CORTES EXP. 12/31/2016 CH-111 16 017505			
SHEET: HC			
3 of 7			
DRAWING NO: 676-18			

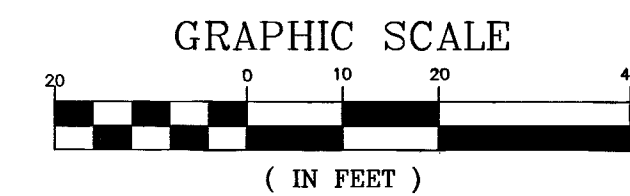
MATCHLINE 14+75 - SEE ABOVE RIGHT



MATCHLINE 19+65 - SEE SHEET PP2



MATCHLINE 14+75 - SEE BELOW LEFT



CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

CLARIFICATION NOTES:

- PROTECT-IN-PLACE EXISTING AC TRAIL.
- PROTECT-IN-PLACE EXISTING ROCK RETAINING WALL.
- PROTECT-IN-PLACE EXISTING CHAIN LINK FENCE / GATE.
- PROTECT-IN-PLACE EXISTING CABLE FENCE.
- PROTECT-IN-PLACE EXISTING CONCRETE CHANNEL.
- PROTECT-IN-PLACE EXISTING CONCRETE CURB.
- PROTECT-IN-PLACE EXISTING CONCRETE SIDEWALK.
- PROTECT-IN-PLACE EXISTING BLOCK WALL.
- PROTECT-IN-PLACE EXISTING STORM DRAIN INLET (GRATE).
- PROTECT-IN-PLACE EXISTING CONCRETE TRAIL.
- PROTECT-IN-PLACE EXISTING CONCRETE PAD.
- PROTECT-IN-PLACE EXISTING 24" RCP S.D.
- PROTECT-IN-PLACE EXISTING 12" PVC S.S.
- PROTECT-IN-PLACE EXISTING 4" PE GAS.

DEMOLITION / REMOVAL NOTES:

- SAWCUT, REMOVE AND DISPOSE EXISTING CONCRETE SPILLWAY WING.
- REMOVE AND DISPOSE EXISTING CHAIN LINK FENCE FROM POLE TO POLE.
- REMOVE AND DISPOSE EXISTING STORM DRAIN INLET (GRATE).

CONSTRUCTION NOTES:

- CONSTRUCT 12' WIDE AC TRAIL. SEE TYPICAL TRAIL SECTIONS ON DETAIL SHEET DET.
- INSTALL NEW 4' CHAIN LINK FENCE ON EXISTING CABLE POSTS.
- INSTALL NEW 6' CHAIN LINK FENCE PER USD 252.
- INSTALL TYPE "A" TACK-ON CURB PER USD 220.
- INSTALL NEW STORM DRAIN INLET (BIKE FRIENDLY) GRATE.
- RE-CONSTRUCT CONCRETE SPILLWAY WING. SEE DETAIL "A" ON DETAIL SHEET DET.
- INSTALL "NO MOTOR VEHICLES" SIGN (65-3) PER USD 249A. SEE DETAIL "F" ON DETAIL SHEET DET.
- INSTALL DIRECTIONS SIGN (SP3) PER USD 249A. SEE DETAIL "C" ON DETAIL SHEET DET.
- INSTALL MULTI-USE FACILITY SIGN (SP2) PER USD 249A. SEE DETAIL "B" ON DETAIL SHEET DET.
- INSTALL TRAIL HOURS SIGN (SP1) PER USD 249A. SEE DETAIL "H" ON DETAIL SHEET DET.
- INSTALL "STOP" SIGN (R1-1) PER USD 249A. SEE DETAIL "E" ON DETAIL SHEET DET.

UTILITY NOTE:

ALL EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION.

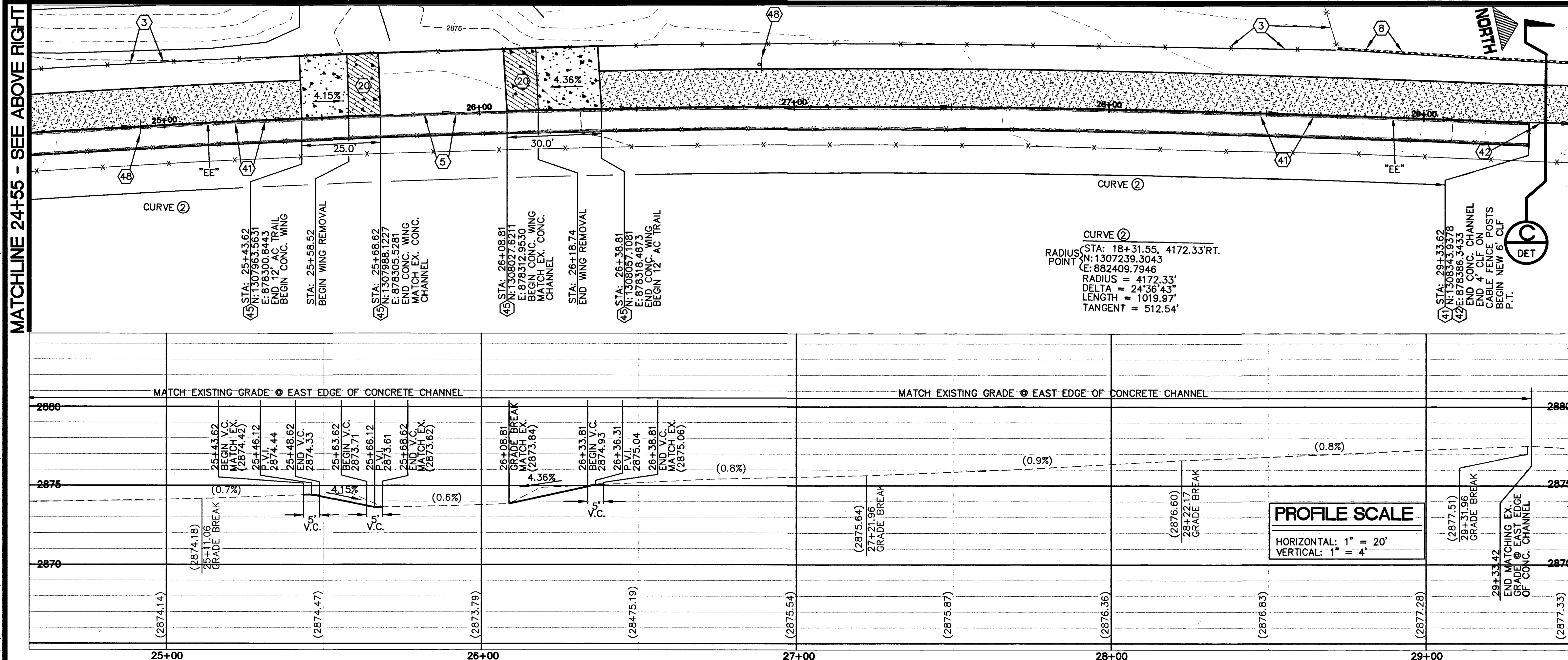
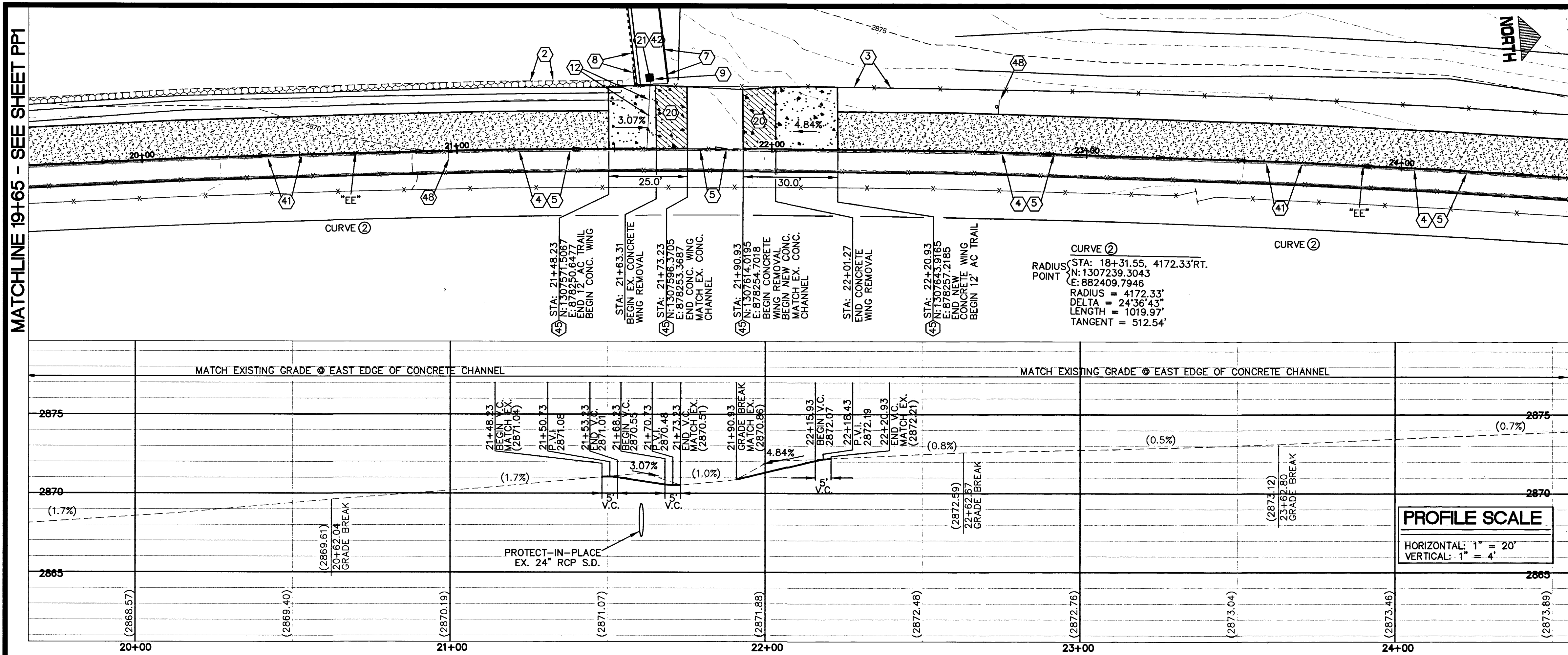
NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

THE DEPTH BELOW GRADE OF THE VARIOUS UTILITIES DEPICTED ON THE PLANS VARIES THROUGHOUT THE PROJECT AREA. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHERE EXCAVATING AND GRADING THE SUBBASE IN THE VICINITY OF UTILITIES TO AVOID DAMAGE TO THE LATTER.

APPROVED FOR CONSTRUCTION

 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
 DATE: 02/17/15 PROJECT# 123493

CITY OF LAS VEGAS		BID# 15.57203		DESIGNED BY: GJJ	
H# 57203		DATE: FEBRUARY 2015		DRAWN BY: GJJ	
SUBMITTAL STAGE: FINAL		CHECKED BY: RC			
215 BELTWAY TRAIL ALEXANDER ROAD TO CRAIG ROAD					
IMPROVEMENT PLAN 1 10+00 - 19+65					
SHEET PP1 4 of 7 DRAWING NO. 676-18					



MATCHLINE 24+55 - SEE BELOW LEFT

MATCHLINE 29+45 - SEE SHEET PP3

CITY OF LAS VEGAS

215 BELTWAY TRAIL

ALEXANDER ROAD TO CRAIG ROAD

IMPROVEMENT PLAN 2

19+65 - 29+45

PP2

5 of 7

DRAWING NO. 676-18

DATE: 02/17/15

PROJECT# 123493

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE: 02/17/15

PROJECT# 123493

REVISIONS

NO.	DATE	REVISIONS
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DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT MANAGEMENT

PREPARED FOR

CITY OF LAS VEGAS

BID# 15.57203

DESIGNED BY: GJJ

DRAWN BY: GJJ

CHECKED BY: RC

DATE: FEBRUARY 2015

SUBMITTAL STAGE: FINAL

57203

02-11-15

2/9/15 F:\PW\ENG\DESIGN\DESIGN\57203_215 BELTWAY TRAIL GAP\DESIGN_FINAL.DWG

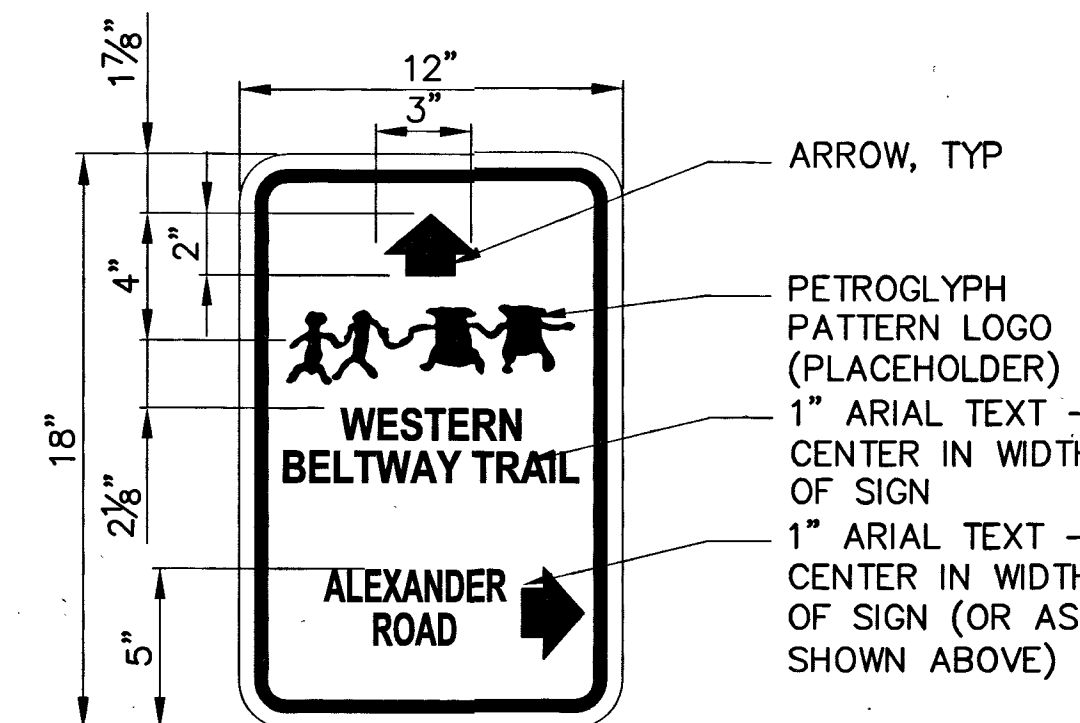


WARNING SIGN - SP2
DETAIL 'B'

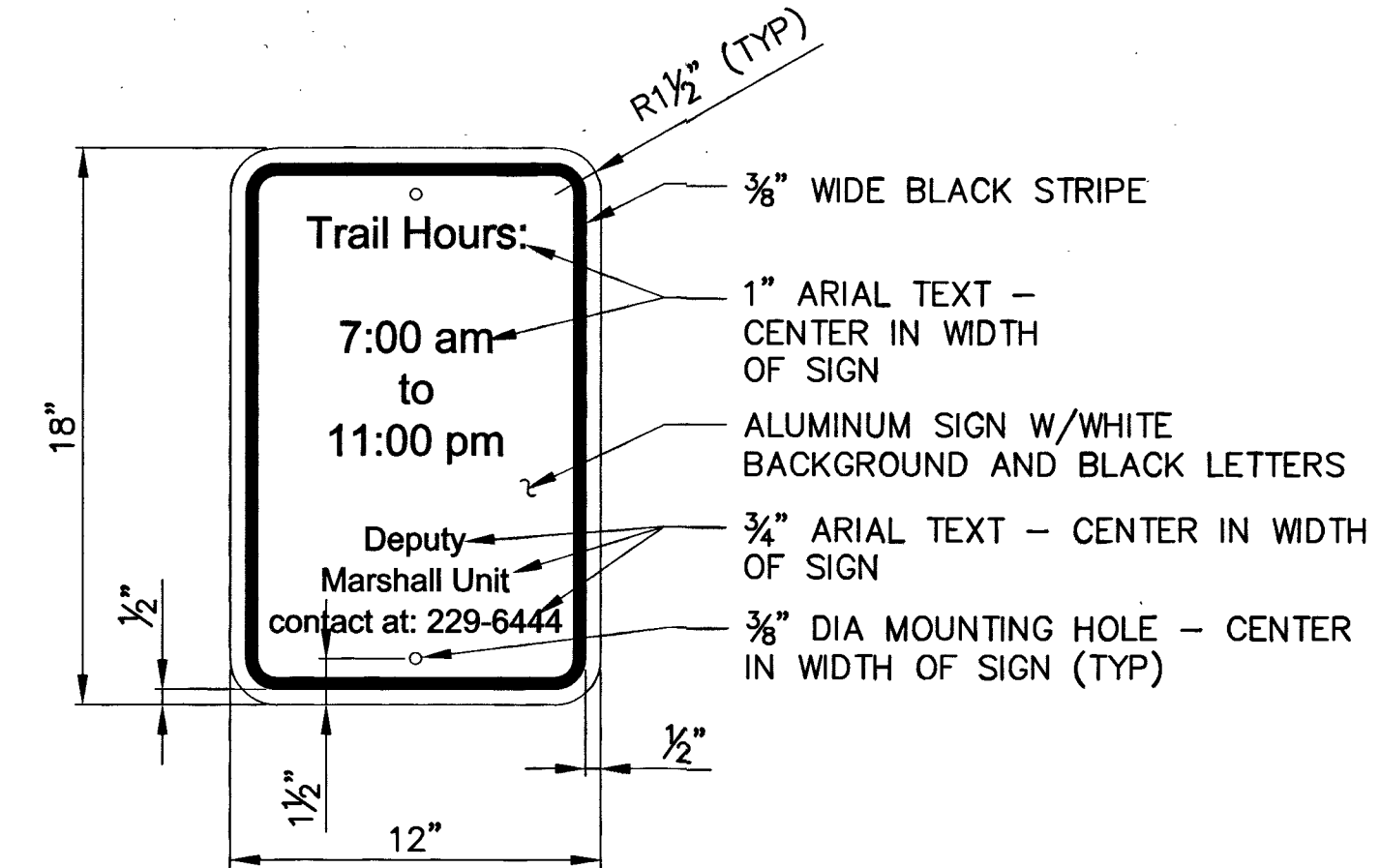
- 1 1/2" BLACK BOLD ARIAL TEXT - CENTER IN WIDTH OF SIGN ORANGE BACKGROUND
- 5/8" BLACK ARIAL TEXT - CENTER IN WIDTH OF SIGN
- 1" RED BOLD ARIAL TEXT - CENTER IN WIDTH OF SIGN
- 1" BLACK ARIAL TEXT - CENTER IN WIDTH OF SIGN
- BLACK FIGURE
- WHITE BACKGROUND
- RED CIRCLE W/BAR
- ALUMINUM SIGN W/ WHITE BACKGROUND AND BLACK LETTERS
- 5/8" BLACK ARIAL TEXT CENTER IN WIDTH OF SIGN
- 1" RED BOLD ARIAL TEXT - CENTER IN WIDTH OF SIGN
- 5/8" BLACK ARIAL TEXT CENTER IN WIDTH OF SIGN

TRAIL SIGN NOTES:

1. PLACE SIGNS AS SHOWN ON THE PLANS OR AS NOTED.
2. PROVIDE "WARNING: DROWNING RISK" SIGN AT APPROX 1300 FOOT CENTERS ALONG ALL OPEN CHANNEL. SIGN TO BE MOUNTED ON EXISTING FENCE AT A HEIGHT OF 5 FOOT.
3. MOUNT ALL SIGNS ON SQUARE METAL POSTS PER USCCA DWG.NO. 249A OR AS NOTED ON THE PLANS.

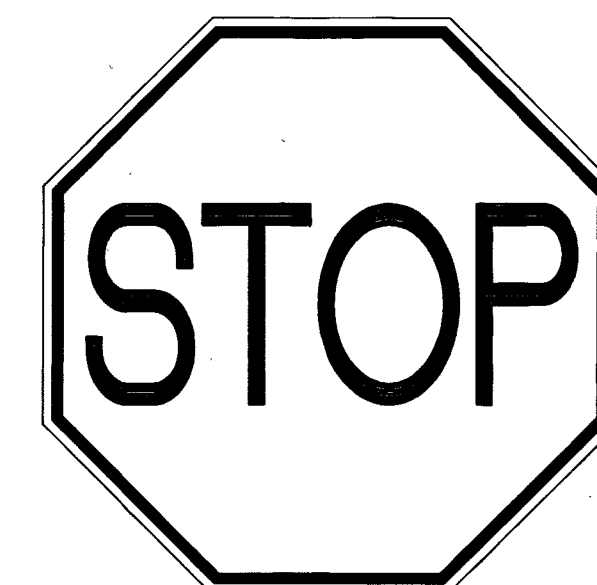


DIRECTIONAL SIGNS
(TYPICAL DIMENSIONS)
DETAIL 'C'

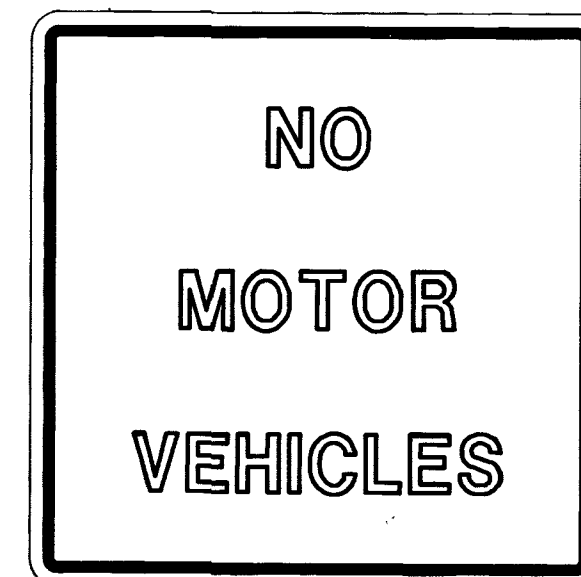


TRAIL HOURS SIGN - SP1
DETAIL 'D'

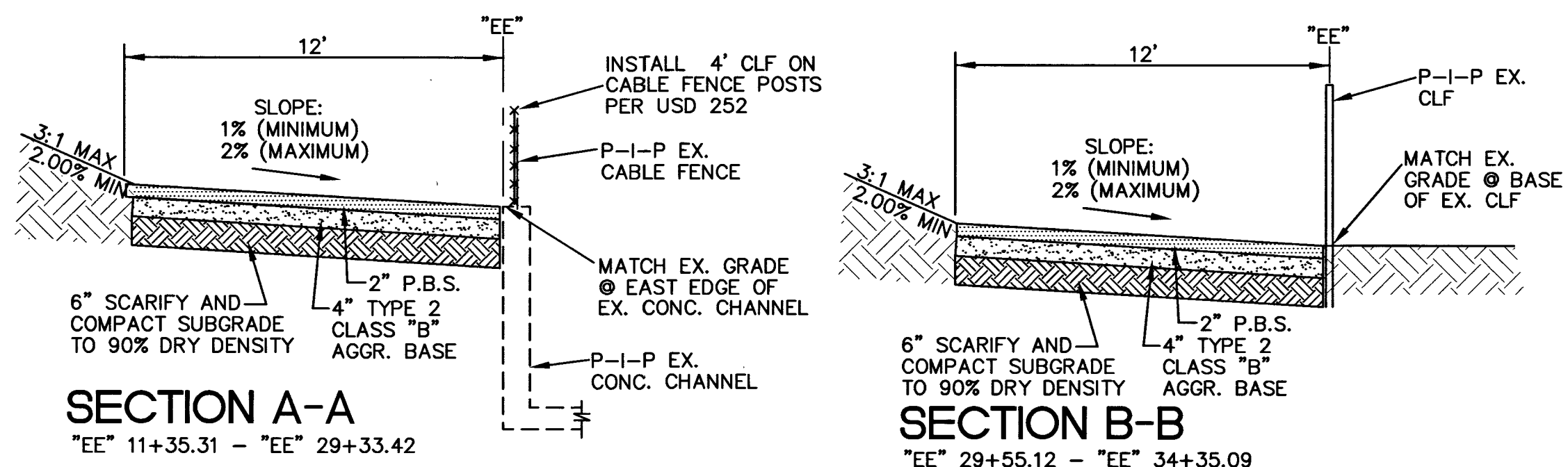
TRAIL SIGN PANELS



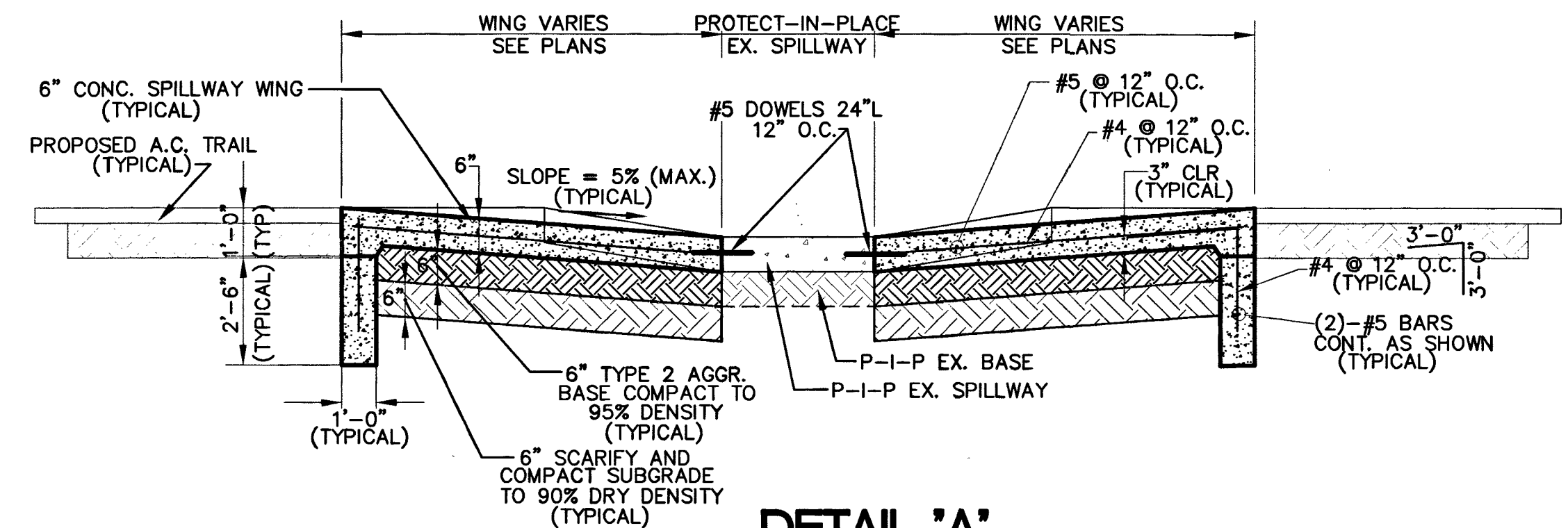
R1-1
24'X24'
DETAIL 'E'



R5-3
24'X24'
DETAIL 'F'



TRAIL SECTIONS
NOT TO SCALE



DETAIL 'A'
CONCRETE SPILLWAY WING
RE-CONSTRUCTION DETAIL
NOT TO SCALE

PREPARED FOR CITY OF LAS VEGAS	H# 57203	DATE: FEBRUARY 2015	SUBMITTAL STAGE: FINAL	DESIGNED BY: DETAILS	DRAWN BY: GJJ	CHECKED BY: RC	DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT MANAGEMENT	NO. DATE	REVISIONS
215 BELTWAY TRAIL ALEXANDER ROAD TO CRAIG ROAD									
MISCELLANEOUS DETAILS									
SHEET									
57203									
DET 7 of 7 DRAWING NO. 676-18									