

CITY OF LAS VEGAS TRAFFIC NOTES

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION. THE CONTRACTOR SHALL INSTALL TEMPORARY ADVANCE WARNING SIGNS THROUGHOUT THE PROJECT WORK ZONE. THE SIGNS WERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" IS ENCLOSED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STREET IDENTIFIES A NEED FOR STUDENTS TO BE ADVISED OF NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WERE WARRANTED TO PROVIDE A QUALIFIED "CROSSING GUARD", THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKINGS, SUCH PAVEMENT MARKINGS SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGN WORK ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL UTILIZE TYPE X RETROREFLECTIVE SHEETING IN ACCORDANCE WITH THE LATEST STANDARD. ALL SIGNS 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 SIGNAGE TO THE LATEST STANDARD. 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.
7. 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.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FULL COMPLIANCE WITH THE CITY STANDARD BEFORE ANY TRAFFIC CONTROL 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.
9. 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 SIGNAGE TO MAINTAIN TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) 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.
10. 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.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CITIZENS AREA TRAVEL (C.A.T.) IF THE PROJECT WILL BE AFFECTING TRAFFIC STOP OR HAS AN ADVERSE EFFECT ON THE ROAD(S) BEING IMPROVED ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
12. 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.
13. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
14. 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 AND ANY OTHER SPECIAL REQUIREMENTS. THE CONTRACTOR SHALL BE 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAVEMENT AND MARKING OF THE TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

- WALL NOTES:
 - 16. 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 BUILDING DEPARTMENT.
 - 17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
 - 18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
 - 19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE CITY SECTIONS 22.02.010 THROUGH 22.02.030 OF THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND SHALL BE SHOWN HEREON.
 - 20. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC., THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE COMMENCEMENT OF SERVICE LATERAL BASE.
 - 21. AFTER MAINTENANCE AND PRIOR TO BACKFILL OPERATIONS WHICH WOULD COVER SANITARY SEWER AND STORM DRAIN FACILITIES, CONTRACTOR IS REQUIRED TO SCHEDULE GLV OPEN-TRENCH UTILITY SURVEY INSPECTION FOR DETERMINATION OF FINAL LOCATION COORDINATES. FACILITIES TO BE LOCATED BY GLV SHALL INCLUDE: SANITARY SEWER MAINS AND LATERALS, STORM DRAIN MAINS AND LATERALS, PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, THE CONNECTION TO THE SEWER MAIN, LATERALS TO THE SEWER MAIN AND WHERE THE SEWER MAIN SERVICE LATERAL EXIT THE PUBLIC RIGHT-OF-WAY, SEWER AND STORM DRAIN MAIN CONNECTIONS, INCLUDING DEFLECTION POINTS.
 - 22. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTION NEED TO BE PERFORMED PER THE DESIGNER'S SPECIFIED CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST EDITION.
 - 23. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

LVVWD PROJECT # 135478

1. 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 PM THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
2. 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.
3. 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.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
9. 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.
10. 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.
11. 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.
12. 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.
13. TELEPHONE CALL BEFORE YOU DIG AT 811 OR 1-800-227-2600.

25. APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 200 OR MORE TRAVEL LANE VEHICLE COUNT OF MORE THAN 30,000 VEHICLES PER DAY, ALL HYDRANTS BEING UTILIZED TO DELIVER FIRE FLOW TO THE PROPOSED LOCATION SHALL BE LOCATED ON THE SAME SIDE OF THE STREET AS THE PROPOSED DEVELOPMENT. CLV REGULATION

26. ALL 150-FT FIRE APPARATUS ROADS AND/OR FIRE LANES, PUBLIC OR PRIVATE, IN THE FORM OF 150-FT IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND HAVING A MINIMUM DIAMETER OF 81 FT. CLV REGULATION

27. ALL FIRE APPARATUS ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE AND WITH SIGNS AT INTERVALS OF 100 FT ALONG THE DESIGNATED FIRE LANES. SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS SHOULD BE RED WITH NO RED TINT OR LESS THAN 6 FT FROM THE ROADWAY LEVEL. THE CURB ALONG OR ON THE PAVEMENT OR CEMENT (IF NO CURB IS PROVIDED) SHALL BE PAINTED WITH RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS. [FC § 503.3]

28. ELECTRONICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. IFC § 503.6.

29. WHEN STREETS ARE PROVIDED WITH MEDIAN DIVIDERS, OR HAVING FOUR OR MORE TRAVEL LANES WITH A TRAFFIC COUNT OF MORE THAN 30,000 VEHICLES PER DAY, ALL HYDRANTS BEING UTILIZED TO DELIVER FIRE FLOW TO THE PROPOSED LOCATION SHALL BE LOCATED ON THE SAME SIDE OF THE STREET AS THE PROPOSED DEVELOPMENT. CLV REGULATION

EFFECTIVE DATE 02-04-19

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020.
2. THERE SHALL BE A MINIMUM HORIZONTAL AND VERTICAL CLEARANCE OF 12-INCHES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND FACILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS, AND ELECTRIC.
3. FOR VALVE ADJUSTMENT CONTACT 702-668-6107 48 HOURS PRIOR TO CONSTRUCTION..
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND/OR STRUCTURE CONTACT 702-365-2099.

ALL CIVIL IMPROVEMENT PLANS MUST INCLUDE SOUTHWEST GAS CORPORATION HIGH PRESSURE NOTES ON THE NOTES SHEET AND ALL SHEETS DEPICTING HIGH PRESSURE NATURAL GAS MAINS.

NONE.

15. NO LEAD COMPLIANCE NOTE:
TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED AS NEW MUST BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 135478 FIRST APPROVED DATE: 7/31/19

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT No. 135478 FIRST APPROVED DATE: 7/31/19

OR

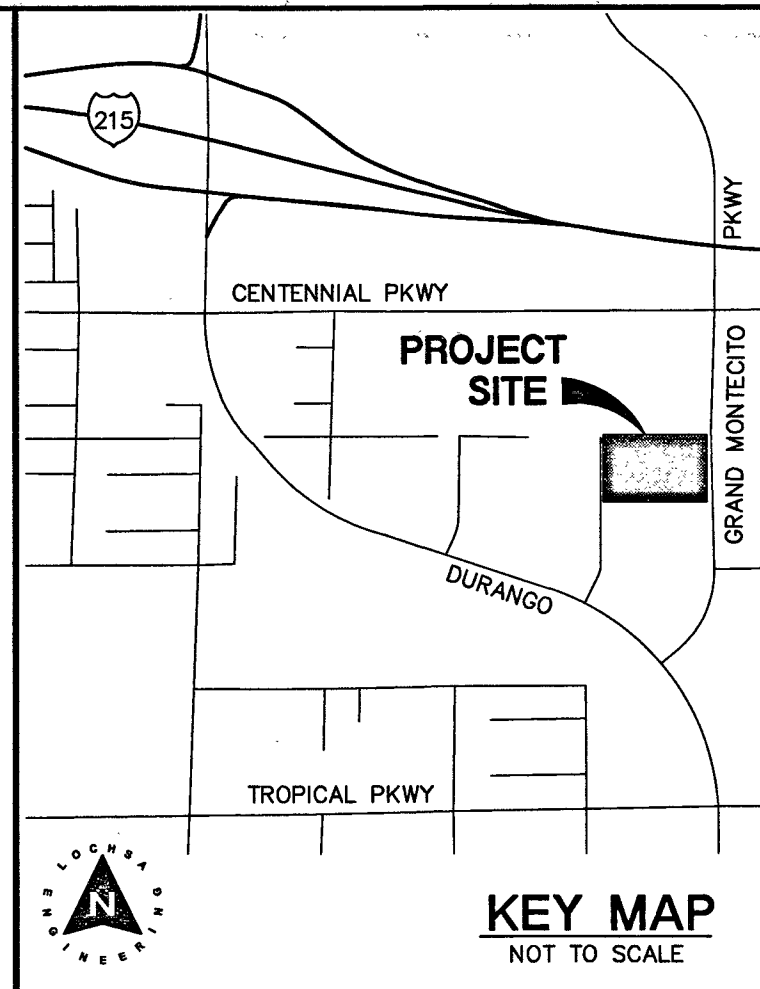
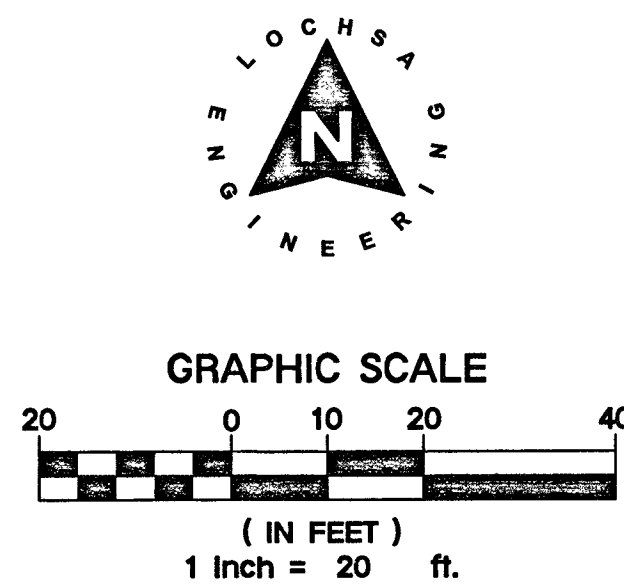
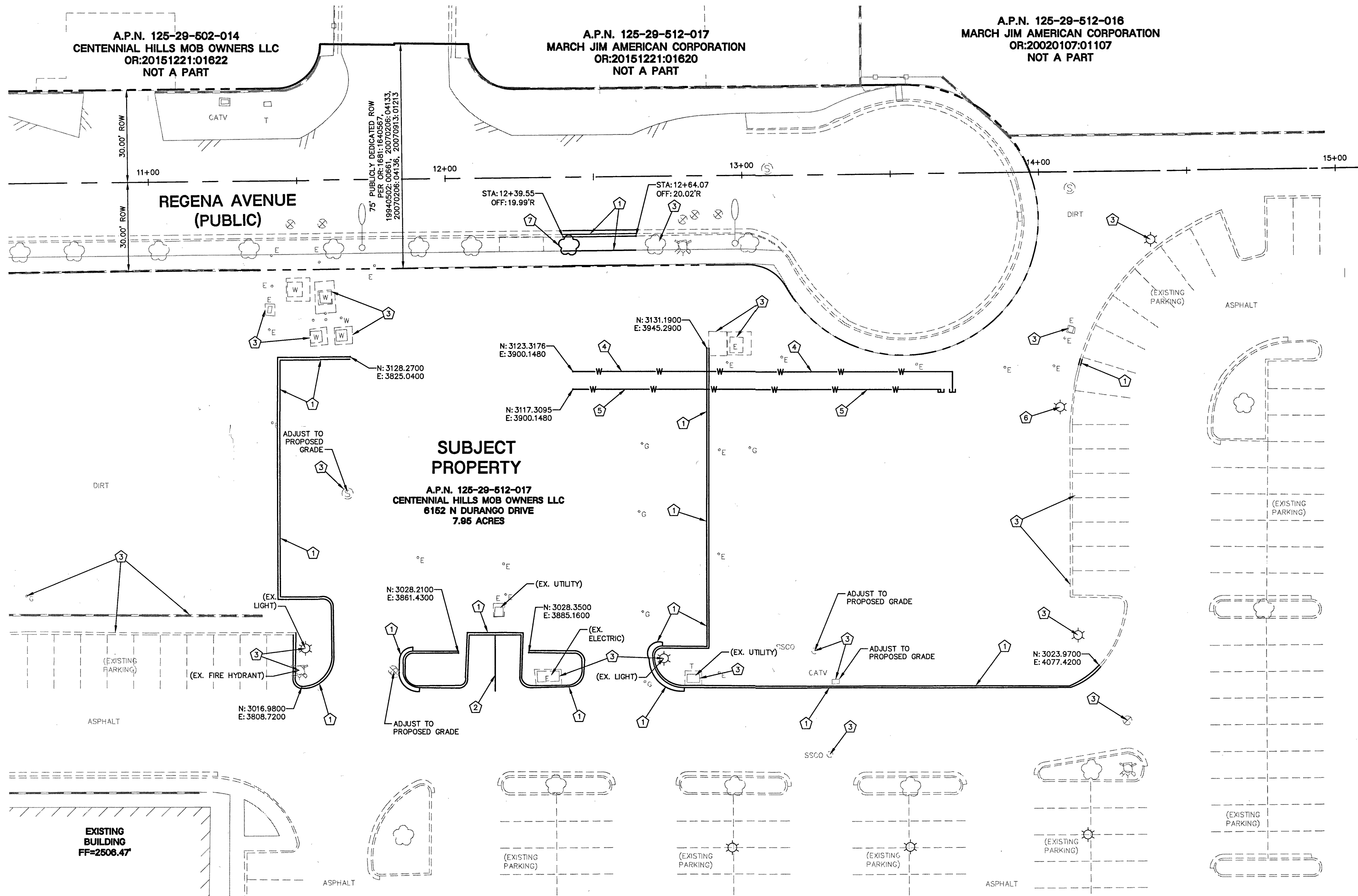
Underground
1-702-432-5300

22

Lochsa
engineers/ny

OF NEW YORK

DBO #.135478-A OS.125.20-NE



DEMOLITION NOTES:

- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH AREA UNIFORM STANDARD DRAWINGS, LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
- NOT ALL NOTES USED ON THIS SHEET -
- 1 REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER.
- 2 REMOVE EXISTING PARKING STRIPING.
- 3 PROTECT IN PLACE.
- 4 EXISTING 6" WATER LINE (FIRE) TO BE REMOVED.
- 5 EXISTING 2" WATER (DOMESTIC) TO BE REMOVED.
- 6 REMOVE AND REPLACE EXISTING AREA LIGHT.
- 7 REMOVE EXISTING TREE.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 135478 FIRST APPROVED DATE: 7/31/19

UTILITY NOTE:

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CALL BEFORE YOU DIG
FAST
1-800-227-2800
1-702-432-5300
1-702-227-2929

A.P.N.:

125-29-512-017
BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT MAP ON FILE IN BOOK 139 OF PLATS, PAGE 48, CLARK COUNTY RECORDER'S OFFICE. SAID LINE BEARS: NORTH 00°27'37" WEST.

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK 6LV9029NE8 BEING PIN AND PLATE IN TOP OF CURB, WEST SIDE OF DURANGO DR. AND +/- 20' SOUTH OF THE ENTRANCE OF THE CITY OF LAS VEGAS SPORTS COMPLEX ELEVATION 762.263 (METERS) 2,500.86 (USFT (NAVD 88 V.2018))

LEGEND	CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS	400W HPS STREETLIGHTS
	PROPERTY LINE	SAWCUT LINE	EXISTING:						(2210)			(12.34) 80		⊙	⊙ = SANITARY SEWER ⊙ = STORM DRAIN ⊙ = ELECTRICAL ⊙ = TELEPHONE										
	ROW LINE	SCARP LINE	PROPOSED:						(2122)			(12.34) 80		⊙											

SHEET 3 of 9

107V768

L19-00768

DEMOLITION PLANS
DEMOLITION PLAN

TITLE CENTENNIAL HILLS PROFESSIONAL CENTER
KIDDIE ACADEMY
LAS VEGAS, NEVADA

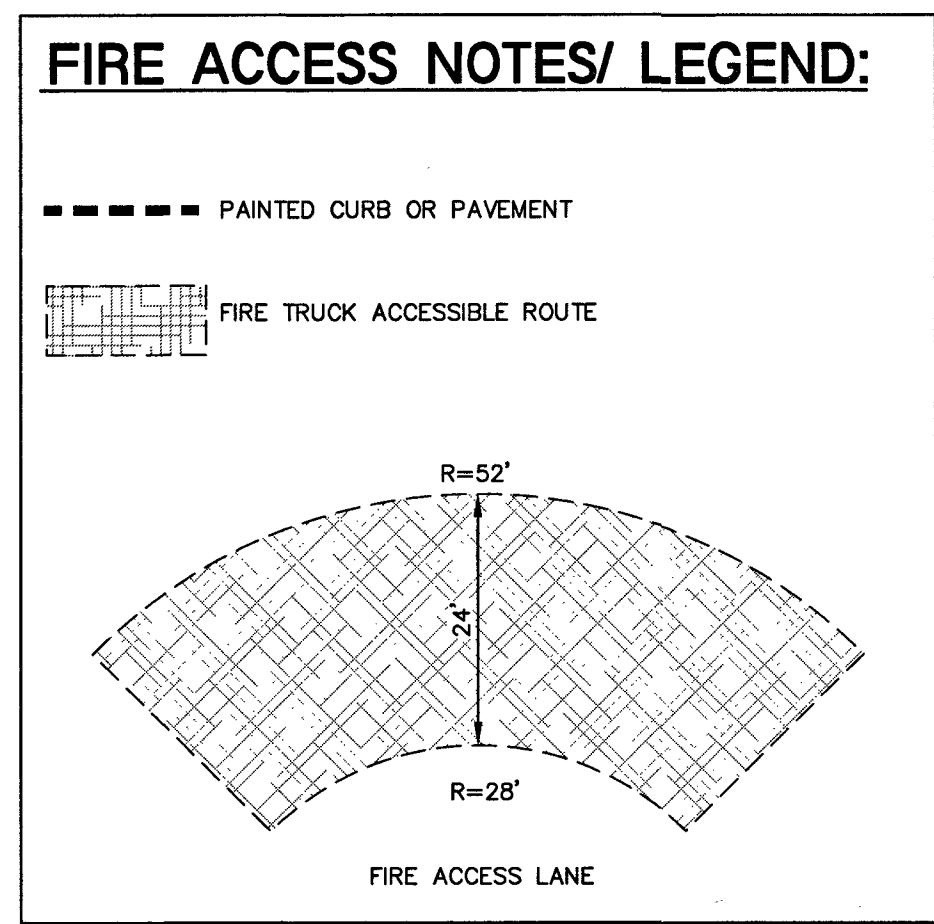
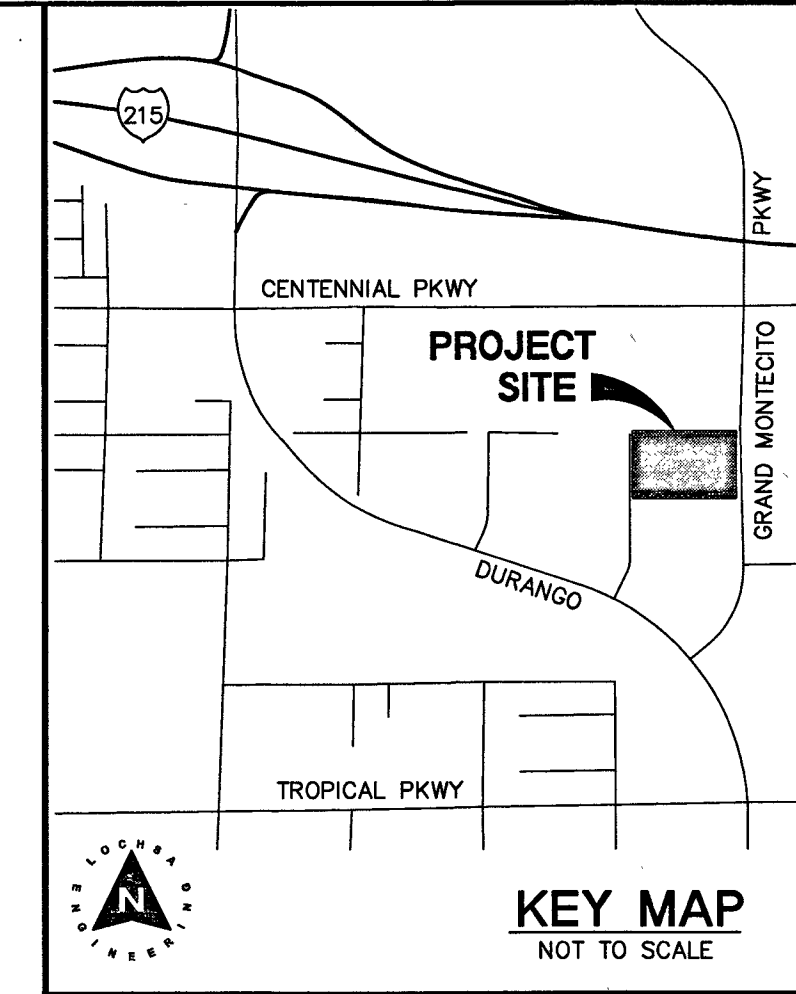
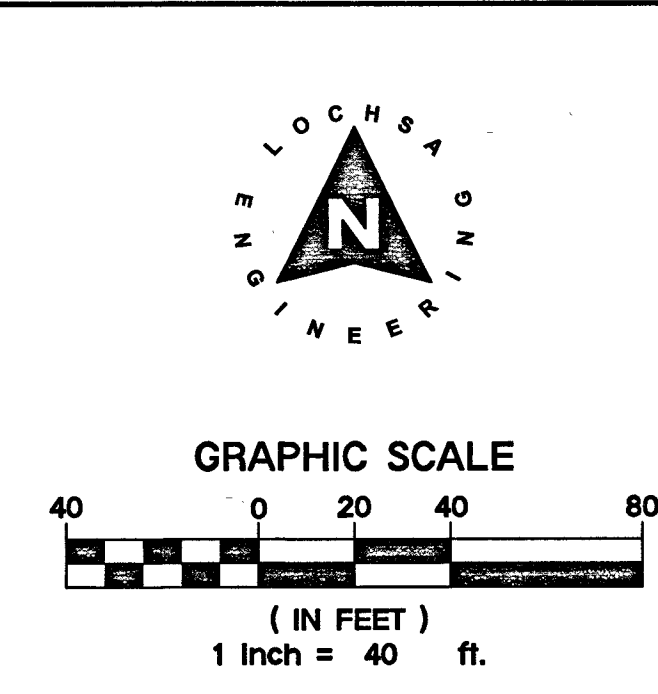
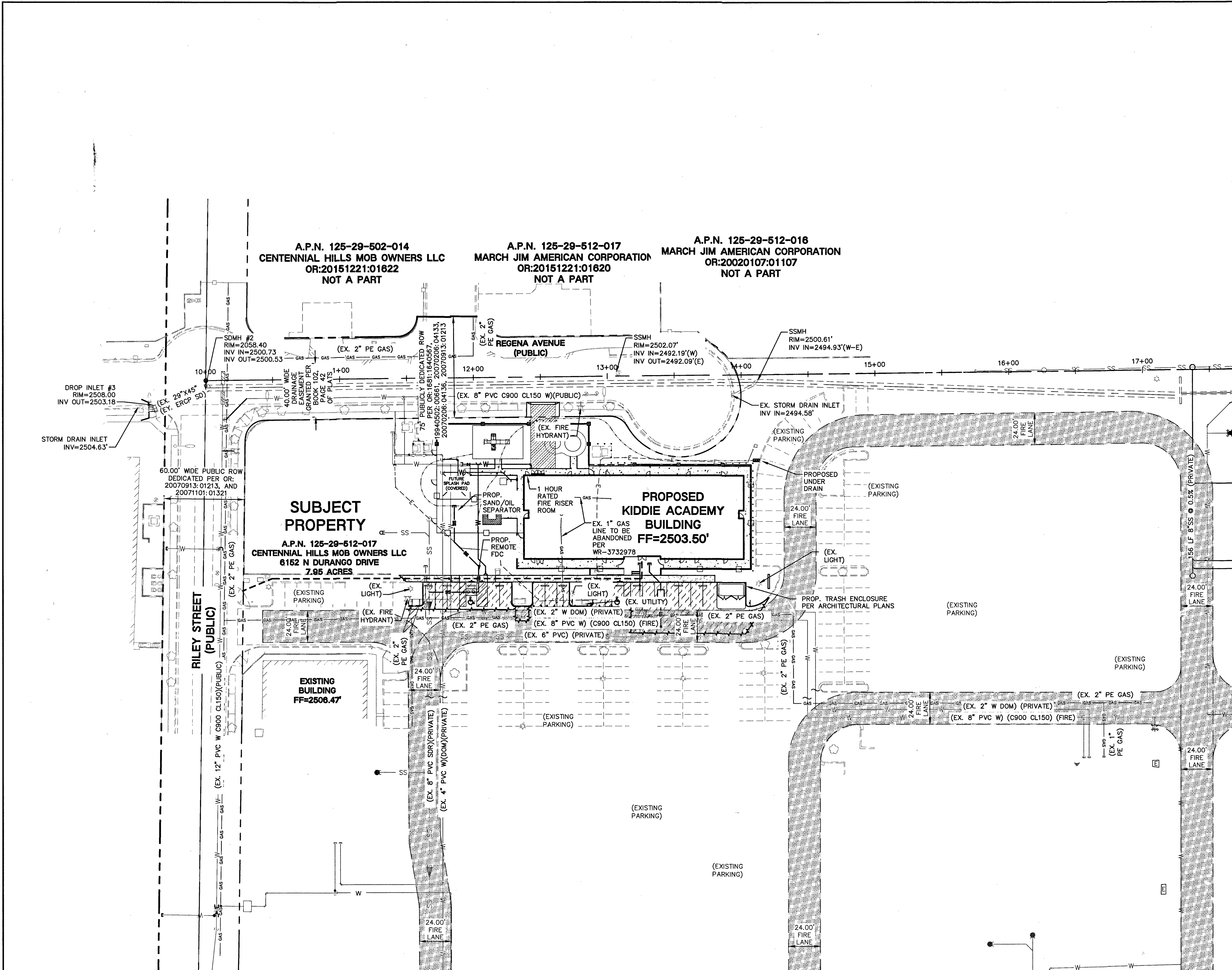
PROJECT No.: 181033
DATE: 06/17/2019
SCALE: 1"=20'
DRAWN BY: SAP
DESIGNED BY: SAP
CHECKED BY: GMM

SEAL
GUY M. MORRIS
EXP. 12-31-19
CIVIL
No. 14526
06/17/2019

SHEET No. C2.01
SHEET 3 OF 9
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L19-00768

Lochsa
engineering

PROJ: 135478-A QS:125-29-NE



APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services

PROJECT No. 135478 FIRST APPROVED DATE: 7/31/19

LVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

SOUTHWEST GAS CORPORATION

Don Kumpf 7/14/19

SOUTHWEST GAS CORPORATION DATE

ACCESSIBLE ROUTE

UTILITY NOTE:

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CALL BEFORE YOU DIG

FAST

1-800-227-2600

1-702-432-5300

1-702-227-2929

A.P.N.:
125-29-512-017

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	PROPERTY LINE	SAWCUT LINE	EXISTING:						(2210)			(12.34) BC		⊙	⊙ = SANITARY SEWER ⊙ = STORM DRAIN ⊙ = ELECTRICAL ⊙ = TELEPHONE		⊙	▶	○	□	○	○	○	○	○
	ROW LINE	SCARP LINE	PROPOSED:						(2122)			(12.34) BC		⊙											

Lochsa Engineering

UTILITY PLANS
OVERALL UTILITY SHEET

CENTENNIAL HILLS PROFESSIONAL CENTER
KIDDIE ACADEMY
LAS VEGAS, NEVADA

PROJECT No.: 181033

DATE: 06/17/2019

SCALE: 1"=40"

DRAWN BY: SAP

DESIGNED BY: SAP

CHECKED BY: GMM

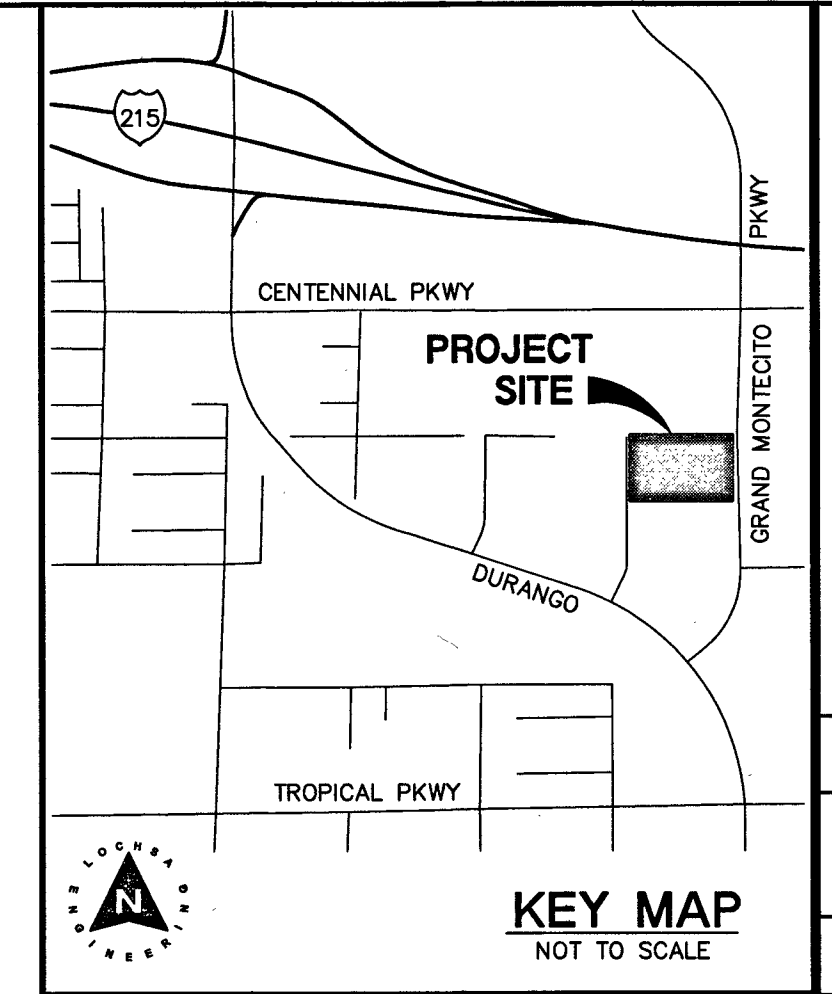
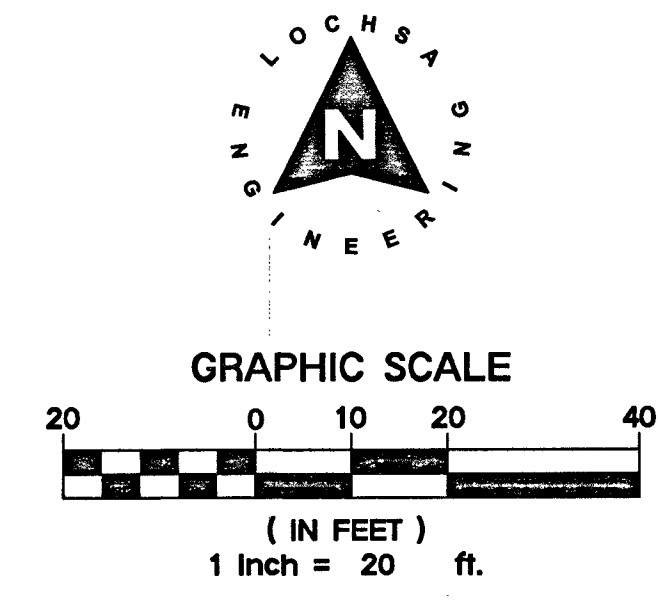
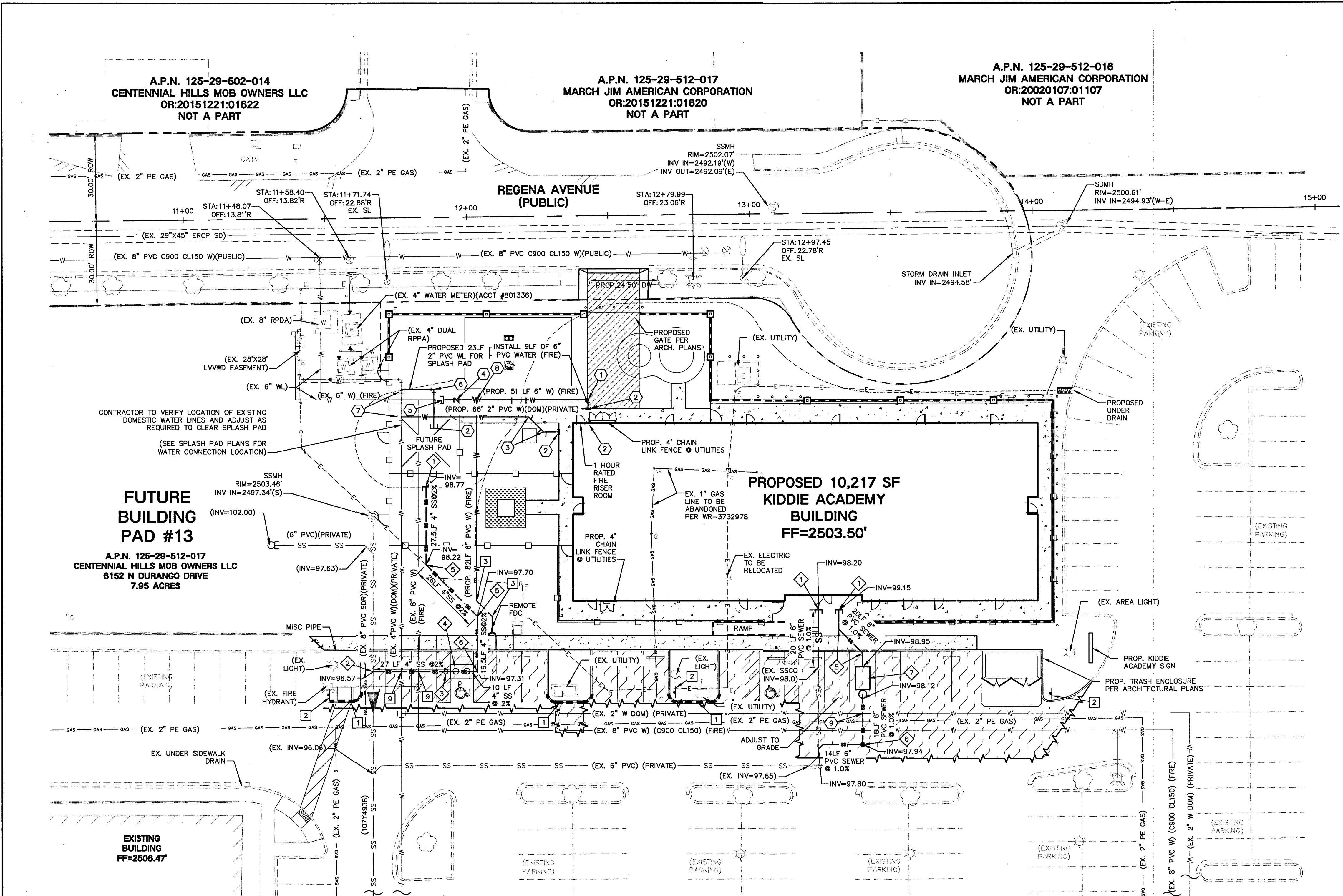
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L19-00768

PROJ. # 135478-A QS-125-29-NE



WARNING FIRE LINE (NON-POTABLE WATER) ALL EXISTING, RELOCATED OR PROPOSED DCDA/RPDA INSTALLATIONS:

TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, THE FIRE LINE, OR ANY OF ITS COMPONENTS, SHALL NOT BE USED FOR POTABLE WATER AT ANY TIME.

WATER CONSTRUCTION NOTES:

- ALL WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS)" LATEST EDITION.
- NOT ALL NOTES USED ON THIS SHEET -
- 1. INSTALL 90° BEND W/THRUST BLOCK PER UDACS PLATE NO. 31.
- 2. STUB AND CAP, REFER TO PLUMBING PLANS FOR CONTINUATION.
- 3. INSTALL 45° BEND, SAME SIZE AS PIPE.
- 4. INSTALL 6" CHECK VALVE.
- 5. REMOVE EXISTING CAP AND INSTALL PROPOSED 6" WATER LINE.
- 6. INSTALL 90° BEND, SAME SIZE AS PIPE.
- 7. INSTALL TEE, SAME SIZE AS PIPE.
- 8. INSTALL 6"x6" TEE W/ THRUST BLOCK PER UDACS PLATE NO. 31.
- 9. CONTRACTOR TO FIELD VERIFY WATER LINE ELEVATION AND ADJUST AS REQUIRED TO MEET UDACS SECTION 2.22 UTILITY CROSSING CLEARANCE.

SEWER CONSTRUCTION NOTES:

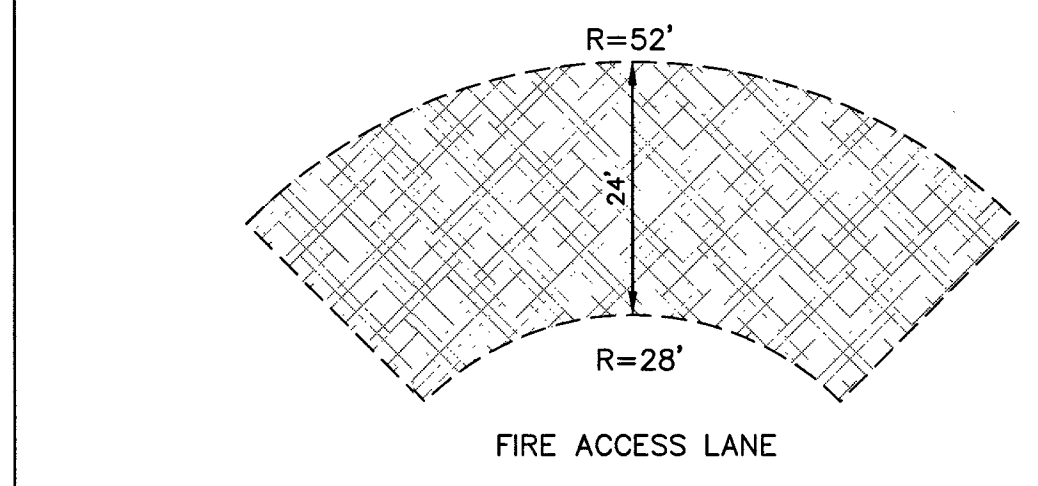
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- NOT ALL NOTES USED ON THIS SHEET -
- 1. STUB AND CAP, REFER TO ARCHITECTURAL PLUMBING PLANS FOR CONTINUATION.
- 2. INSTALL 8"x4" SERVICE SADDLE CONNECTION PER DCSWCS PLATE NO. SD-20.
- 3. INSTALL LATERAL CLEANOUT PER DCSWCS PLATE NO. SD-24.
- 4. INSTALL 500 GALLON SAND/OIL SEPARATOR PER DETAIL 10 ON C6.01 - BY PLUMBING PLAN OR BY SEPARATE PERMIT.
- 5. INSTALL 45° BEND, SAME SIZE AS PIPE.
- 6. INSTALL 90° BEND, SAME SIZE AS PIPE - AND CLEANOUT PER DCSWCS PLATE SD-24.
- 7. INSTALL 1000 GALLON JENSEN PRECAST GREASE INTERCEPTOR WITH MANHOLE PER DCSWCS PLATE SD-31 - BY PLUMBING PLAN OR BY SEPARATE PERMIT.

FIRE ACCESS NOTES/ LEGEND:

- 1. PAINT ENTIRE FACE OF CURB RED PER STANDARDS.
- 2. INSTALL FIRE SIGN @ A MAXIMUM DISTANCE OF EVERY 100' ALONG THE FIRE LANE PER DETAIL ON THIS PAGE.

PAINTED CURB OR PAVEMENT

FIRE TRUCK ACCESSIBLE ROUTE



CITY OF LAS VEGAS FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 7-18-19

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 1500 GPM AT 20 P.S.I. RESIDUAL.

FIRE DEPARTMENT APPROVAL

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT No. 135478 FIRST APPROVED DATE: 7/13/19
LVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

FIRE FLOW CALCULATIONS

SQUARE FOOTAGE:	10,217
LARGEST AREA BETWEEN 4 HR. AREA SEPARATION WALLS:	N/A
BUILDING HEIGHT:	21'-10"
NUMBER OF STORIES:	1
TYPE OF CONSTRUCTION:	VB
OCCUPANCY:	CHILD DAY CARE (I-4)
SPRINKLER SYSTEM:	YES
EXPOSURES:	3
ROOF CONSTRUCTION:	WOOD TRUSSES, PLYWOOD SHEATHING, AND WITH WHITE TPO ROOFING
FLOW REQUIRED @ 20 PSI RESIDUAL (50% REDUCTION):	1500 GPM
MAX. STORAGE HEIGHT:	N/A
PRESSURE ZONE	2635

NOTE:
PROTECT IN PLACE AND ADJUST LVWD EXISTING FACILITIES TO FINISHED GRADE. ALL LVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.

EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL OR FENCE

TREE'S, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL, SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT OF WAY.

NOTE:
CONTRACTOR TO INCLUDE COST OF UNDERGROUND UTILITY DETECTION COMPANY TO LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO ANY DEMOLITION OR EXCAVATION. ENGINEER TO BE PROVIDED WITH AS-BUILT SKETCH OF EXISTING UTILITIES, AND IS TO BE NOTIFIED IMMEDIATELY OF ANY POTENTIAL CONFLICTS WITH PROPOSED UTILITIES AND/OR FINISHED GRADES.

SOUTHWEST GAS CORPORATION

[Signature] 7/11/19
DATE

A.P.N. 125-29-512-017

BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT MAP ON FILE IN BOOK 139 OF PLATS, PAGE 48, CLARK COUNTY RECORDER'S OFFICE. SAID LINE BEARS: NORTH 00°27'37" WEST.

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK 6LV9029NE6 BEING PIN AND PLATE IN TOP OF CURB, WEST SIDE OF DURANGO DR. AND 4'-20" SOUTH OF THE ENTRANCE OF THE CITY OF LAS VEGAS SPORTS COMPLEX ELEVATION 762.263 (METERS) 2,500.86 (USFT (NAVD 88 V.2018))

UTILITY NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

CALL BEFORE YOU DIG
YOU DO IT YOURSELF
CALL BEFORE YOU DIG
YOU DO IT YOURSELF

CALL 811
OR
1-800-227-2800
1-702-432-5300
1-702-227-2929

LEGEND	CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	100W HPS STREETLIGHTS	150W HPS STREETLIGHTS	200W HPS STREETLIGHTS	250W HPS STREETLIGHTS	400W HPS STREETLIGHTS
	PROPERTY LINE	SAWOUT LINE	EXISTING:																						
	ROW LINE	SCARP LINE	PROPOSED:																						

Lochsa Engineering

CENTENNIAL HILLS PROFESSIONAL CENTER
KIDDIE ACADEMY
LAS VEGAS, NEVADA

PROJECT No.: 181033
DATE: 06/17/2019
SCALE: 1"=20'
DRAWN BY: SAP
DESIGNED BY: SAP
CHECKED BY: GMM

C3.01
SHEET 5 OF 9
1077768
L19-00768

06/17/2019

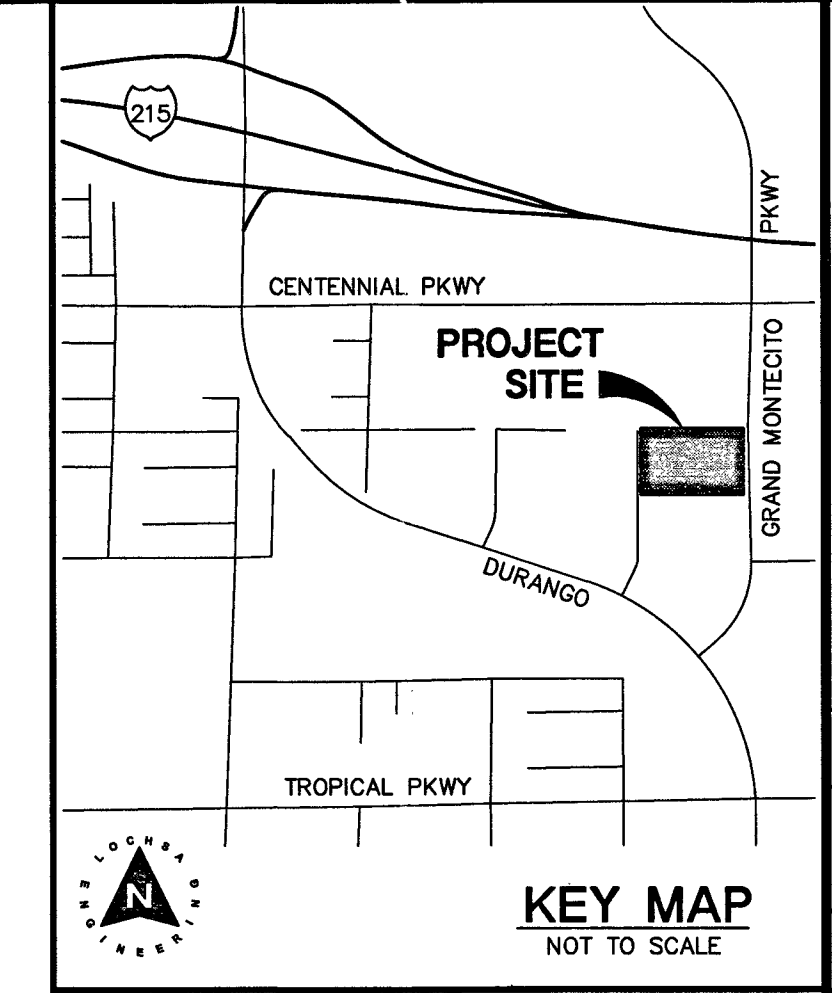
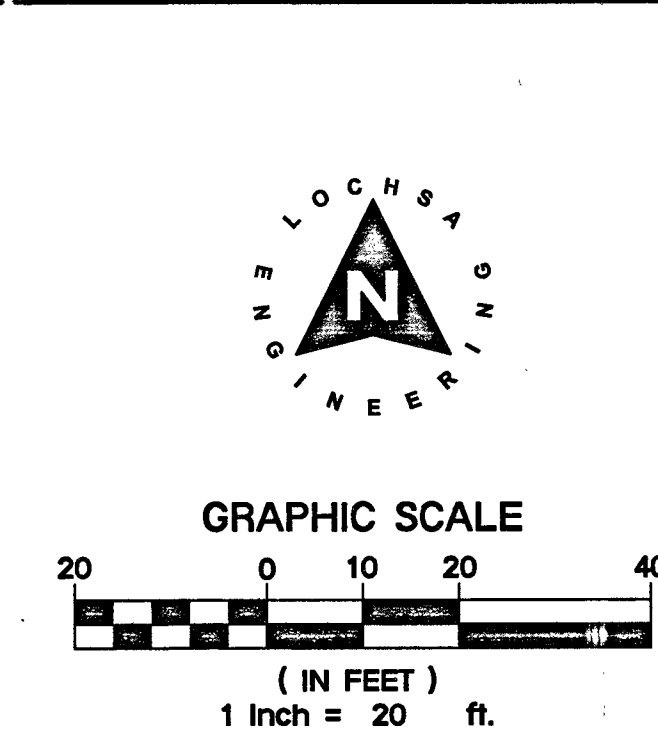
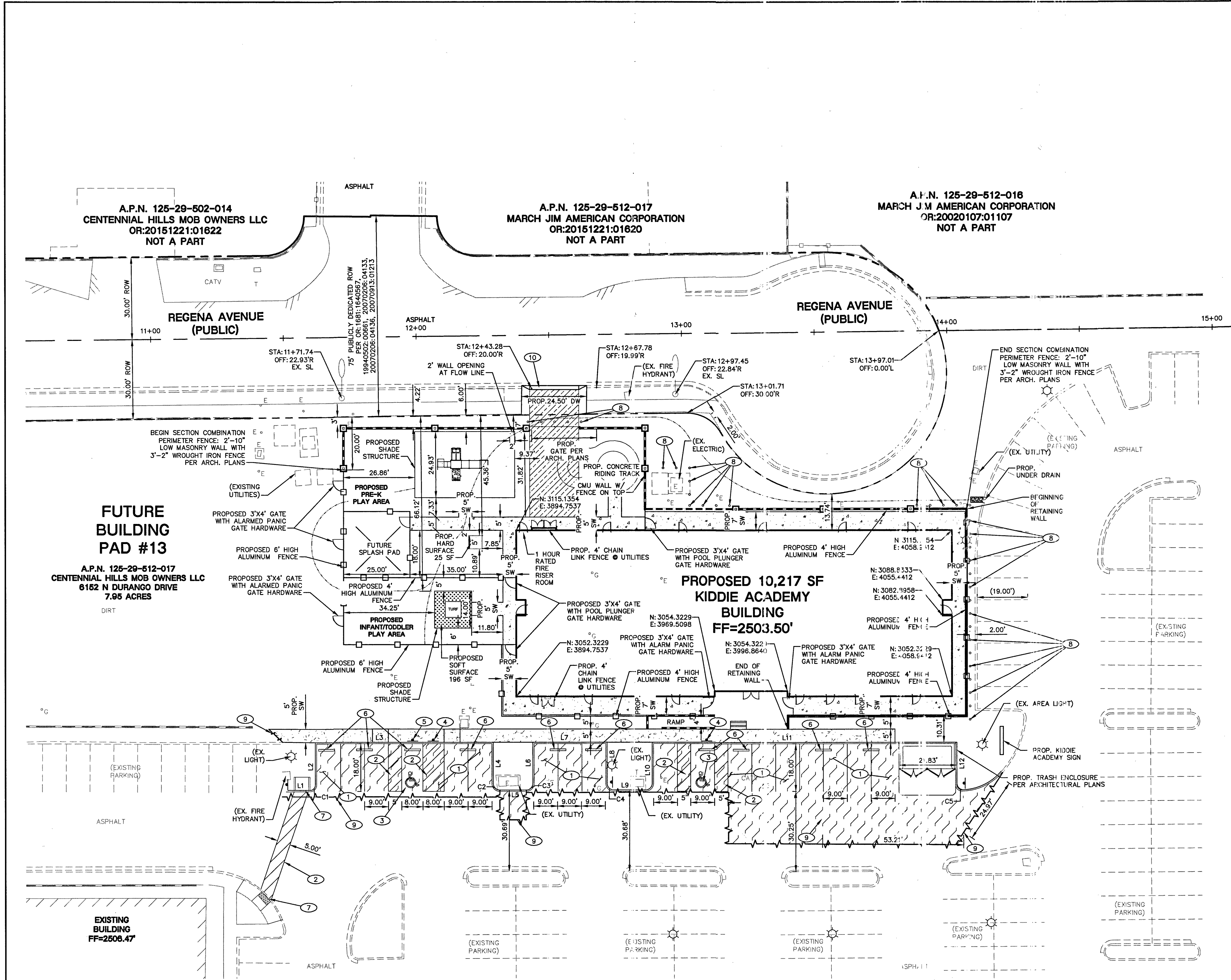
EXP. 12-31-19

06/17/2019

1077768

L19-00768

PROJ#135478-A QS:125-29-512-017



STRIPING NOTES:

- 1. INSTALL 9' X 18' PARKING WITH 4" WHITE PAINTED LINES. (TYPICAL)
- 2. INSTALL 4" WHITE PAINTED HATCH LINES 3' O.C. @ 45°.
- 3. INSTALL BLUE AND WHITE PAINTED HANDICAP PAVEMENT MARKINGS. PER DETAIL 3 ON C6.01.
- 4. INSTALL R7-8 "MINIMUM \$250 FINE FOR USE BY OTHERS" NRS 484.408 SIGN (12" X 18") PER DETAIL ON THIS SHEET AND DETAIL 3 ON C6.01.
- 5. INSTALL R7-8 "MINIMUM \$250 FINE FOR USE BY OTHERS" NRS 484.408 SIGN "VAN ACCESSIBLE" (12" X 18") PER DETAIL ON THIS SHEET AND DETAIL 3 ON C6.01.
- 6. INSTALL PRECAST BUMPER BLOCK 2' AWAY FROM CURB FACE PER DETAIL 5 ON C6.01.
- 7. INSTALL HANDICAP RAMP CASE II PER CCAUSD #235.
- 8. INSTALL 4" HIGH CONCRETE FILLED GALV. BOLLARD WITH PVC COVERS @ 5'-0" O.C. - SEE ARCHITECTURAL PLANS.
- 9. SAWCUT AND MATCH EXISTING.
- 10. INSTALL DRIVEWAY PER CCAUSD #224.

LINE TABLE			CURVE TABLE		
LINE #	LENGTH	DIRECTION	CURVE #	LENGTH	RADIUS
L1	8.29'	N89°50'29"E	C1	3.14'	2.00'
L2	16.00'	N00°00'00"E	C2	3.93'	2.50'
L3	67.00'	N90°00'00"E	C3	3.93'	2.50'
L4	15.50'	S00°00'00"E	C4	3.93'	2.50'
L5	9.95'	N90°00'00"E	C5	3.92'	2.44'
L6	15.50'	S00°00'00"E			
L7	28.00'	N90°00'00"E			
L8	15.50'	S00°00'00"E			
L9	12.00'	N90°00'00"E			
L10	15.50'	S00°00'00"E			
L11	114.83'	S90°00'00"E			
L12	15.50'	N00°00'00"E			

A.P.N.:
125-29-512-017

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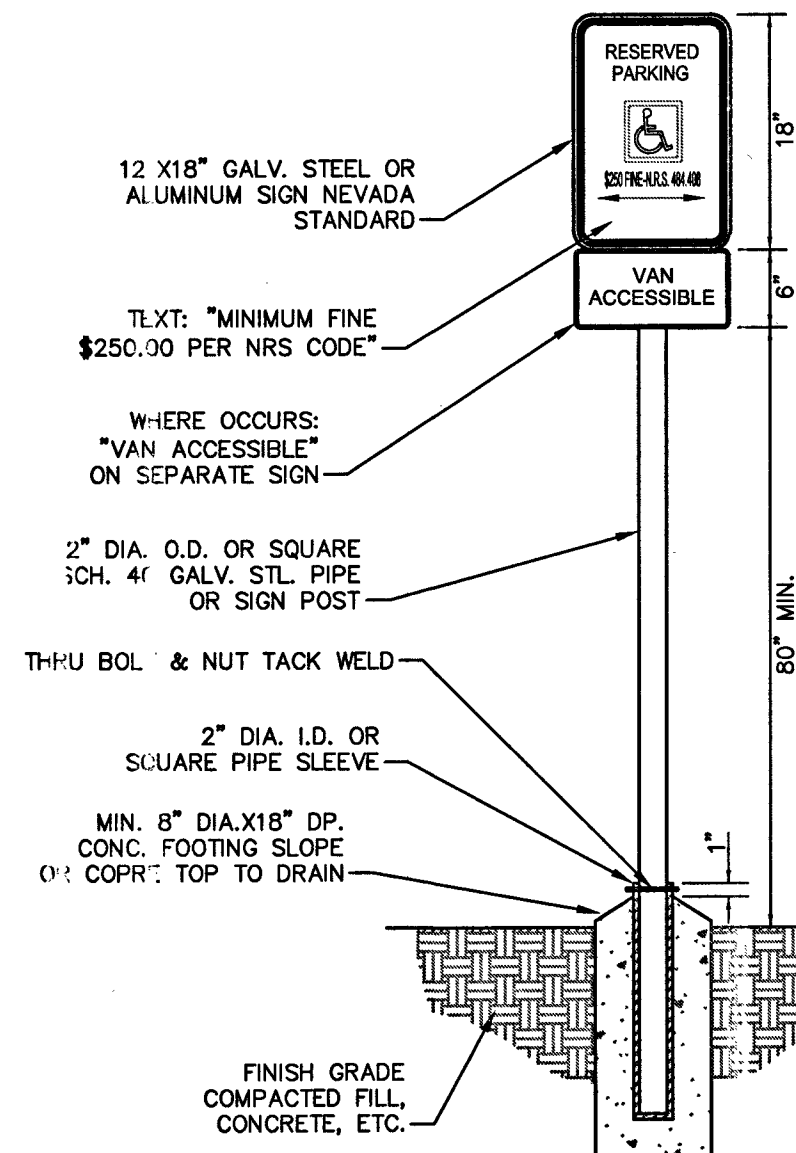
BENCHMARK:
CITY OF LAS VEGAS BENCHMARK 6LV9029NE6 BEING PIN AND PLATE IN TOP OF CURB, WEST SIDE OF DURANGO DR. AND +/- 20' SOUTH OF THE ENTRANCE OF THE CITY OF LAS VEGAS SPORTS COMPLEX ELEVATION 762.283 (METERS) 2,500.86 (USFT NAVD 88 V.2018)

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FAST
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Underground

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1-702-227-2929



LEGEND	CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	100w HPS STREETLIGHTS	150w HPS STREETLIGHTS	200w HPS STREETLIGHTS	250w HPS STREETLIGHTS	400w HPS STREETLIGHTS
	PROPERTY LINE	SAWCUT LINE	EXISTING:						(-2210)			(12.34) BC		⊙	⊙ = SANITARY SEWER ⊙ = STORM DRAIN ⊙ = ELECTRICAL ⊙ = TELEPHONE										
	ROW LINE	SCARP LINE	PROPOSED:						(-2122)			(12.34) BC		⊙											

6346 South Jones Blvd.
Las Vegas, NV 89118
Phone (702) 365-8312
Fax (702) 365-8317
www.lochsa.com

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HORIZONTAL CONTROL PLANS
HORIZONTAL CONTROL

CENTENNIAL HILLS PROFESSIONAL CENTER
KIDDIE ACADEMY
LAS VEGAS, NEVADA

SHEET No.: 181033

DATE: 08/01/2019

SCALE: 1"=20'

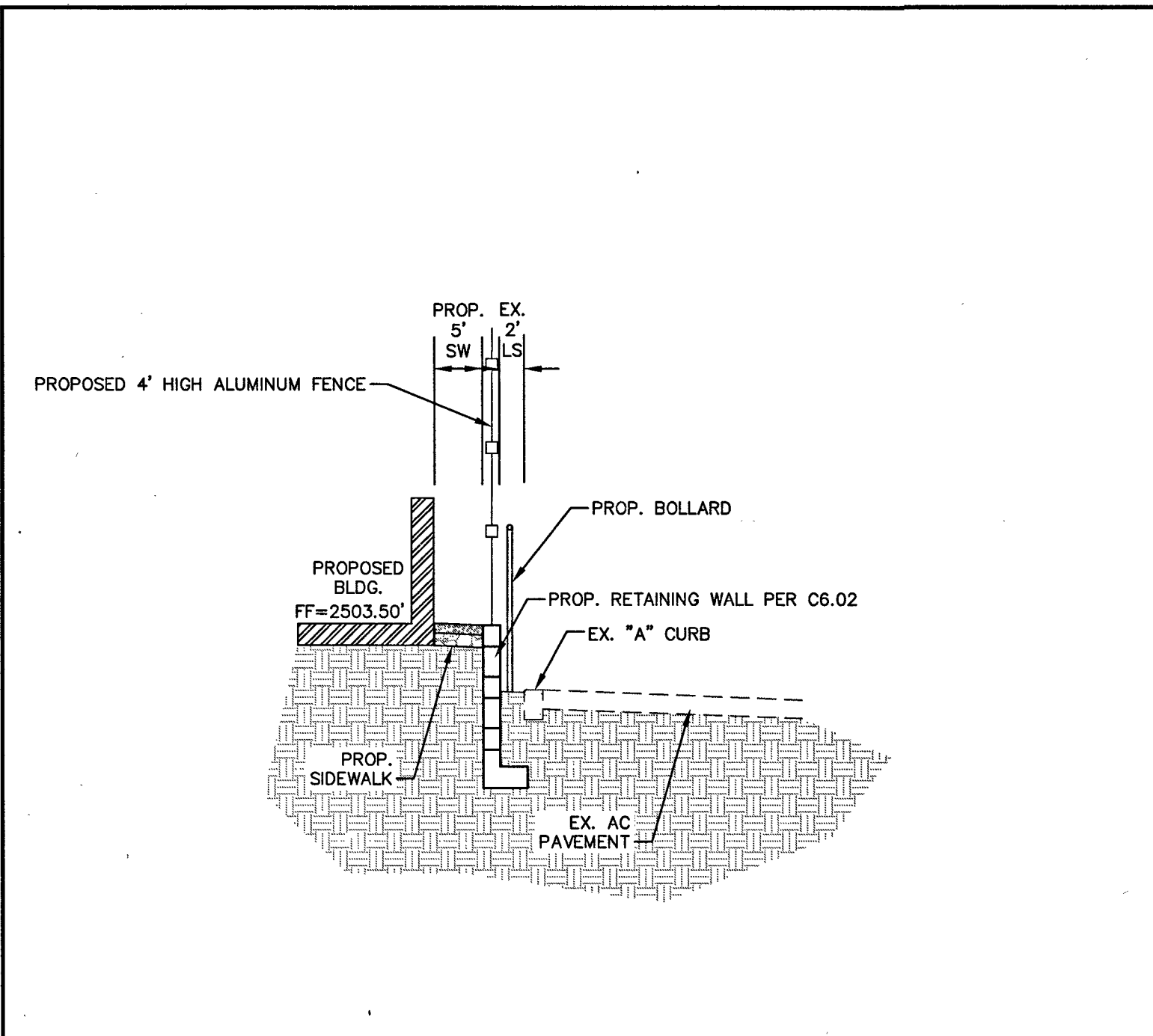
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DESIGNED BY: SAP

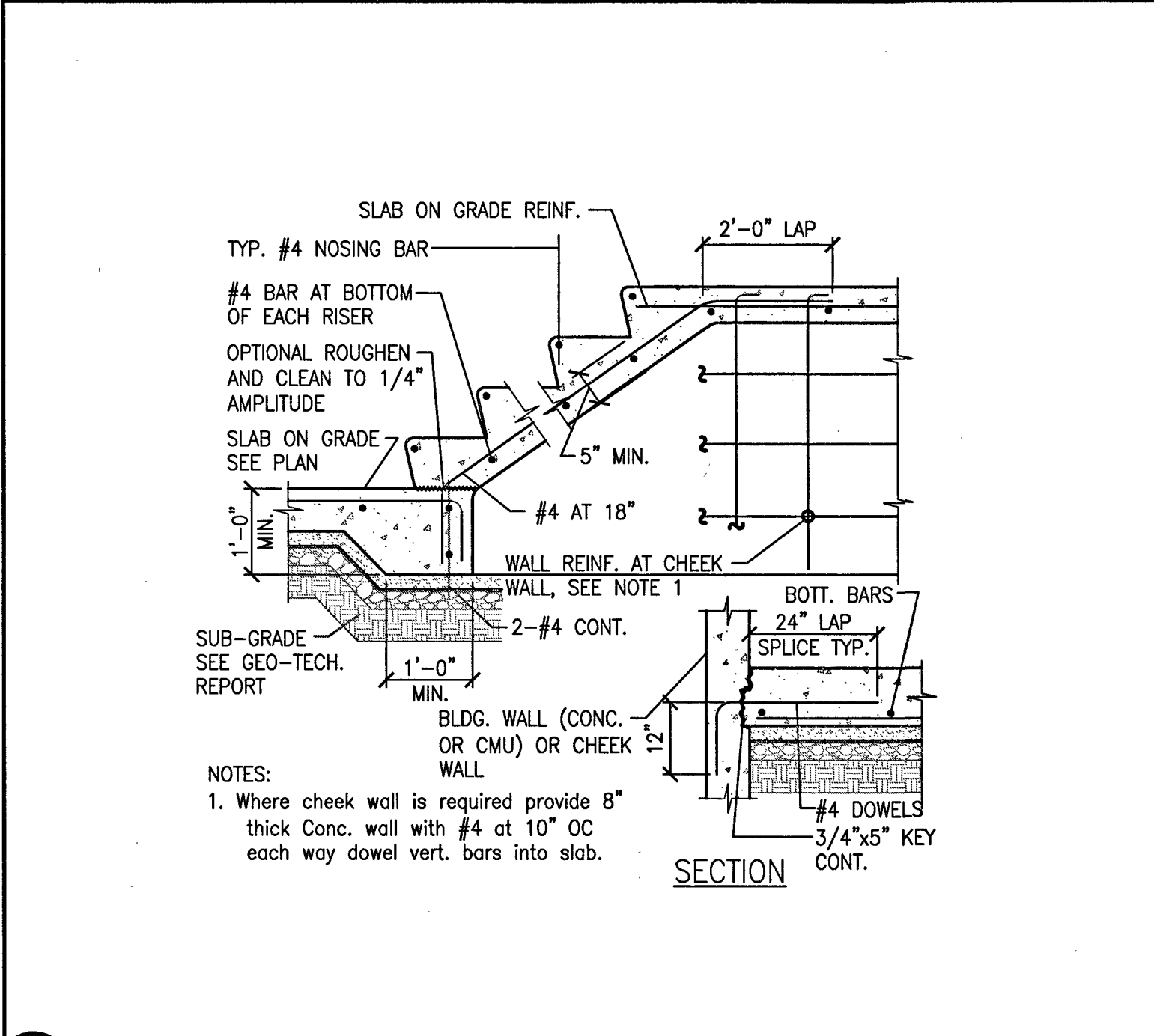
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08/01/2019

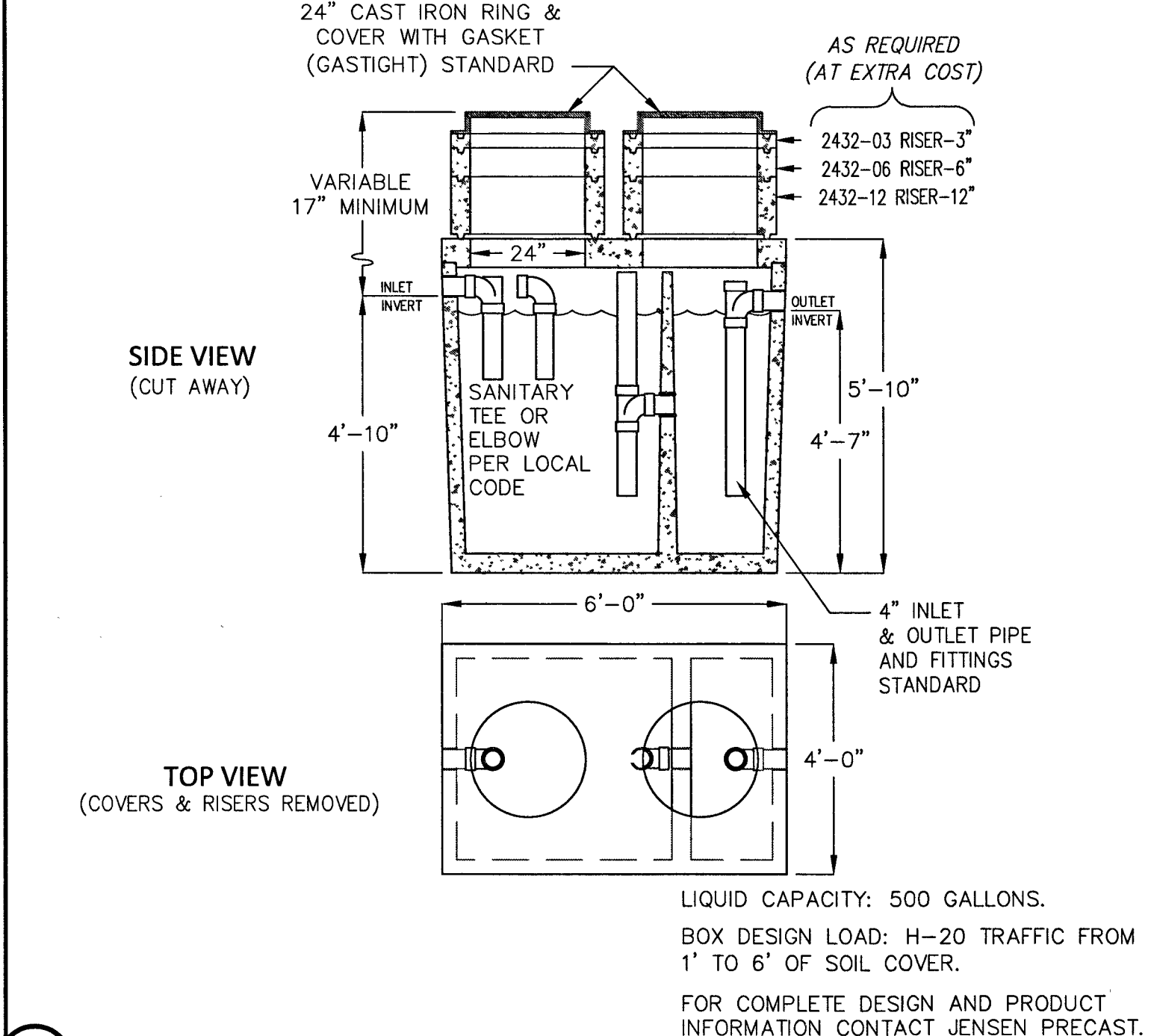
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SHEET 7 of 9
1077768
L19-00768



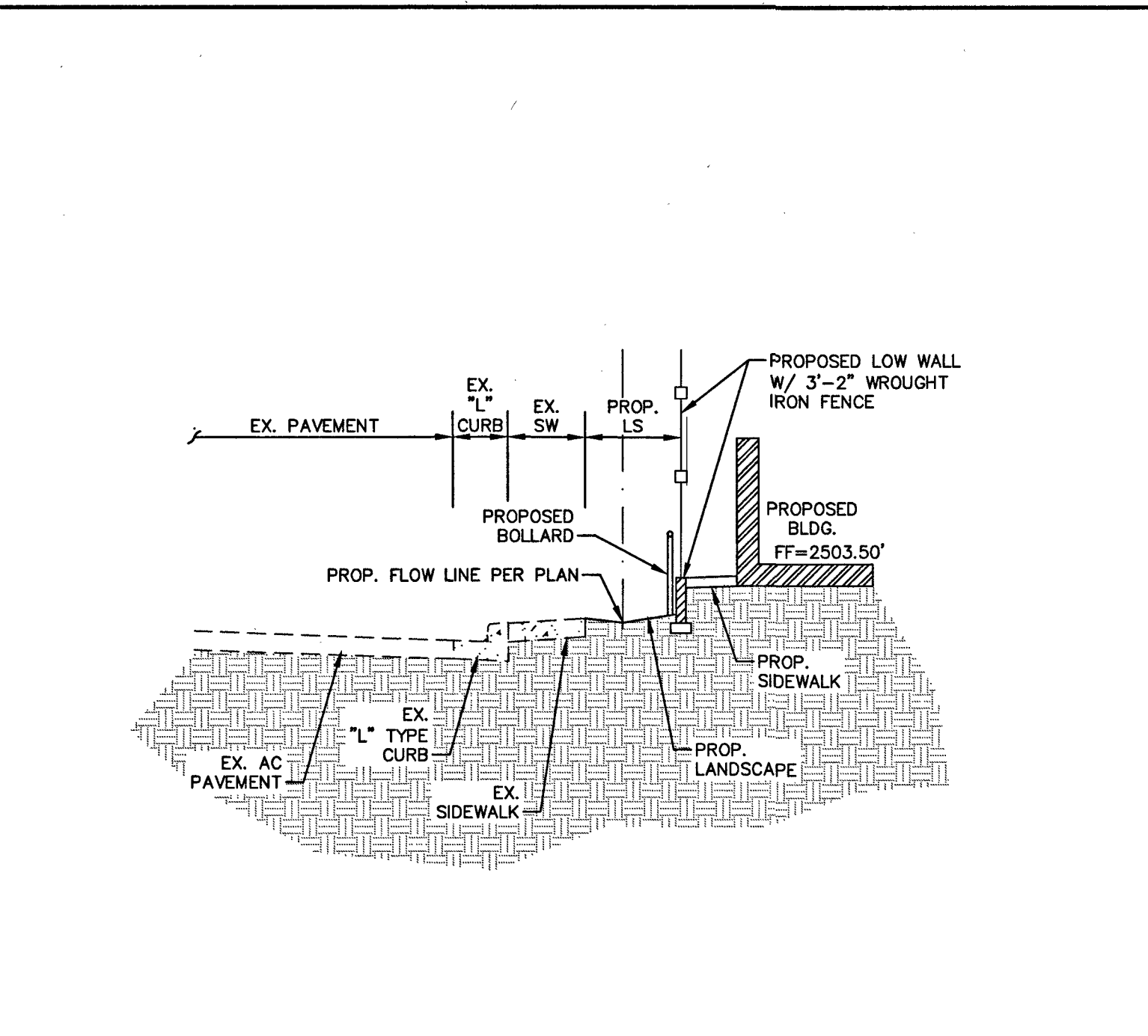
12 EAST PORTION DETAIL NOT TO SCALE



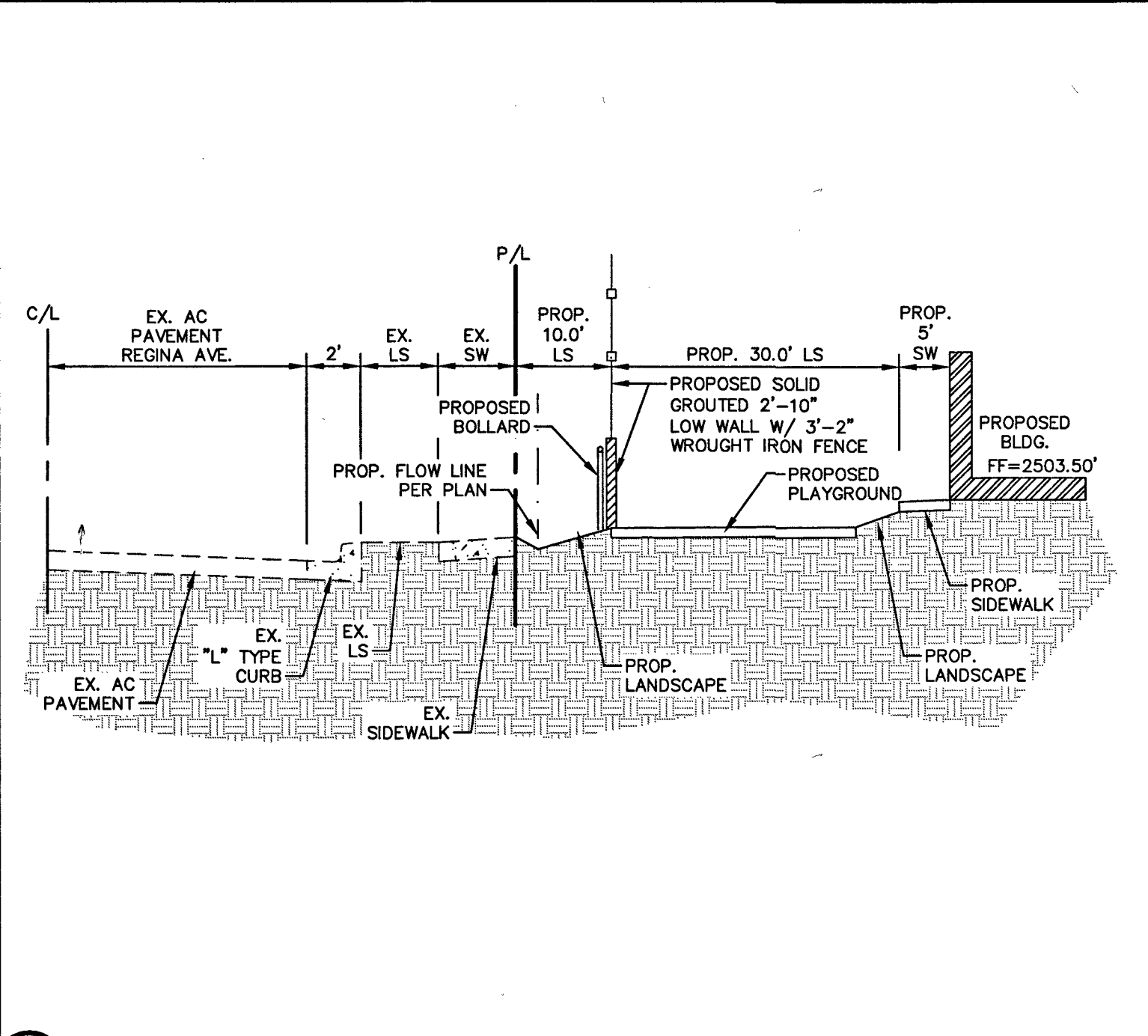
11 CONCRETE STAIR ON GRADE NOT TO SCALE



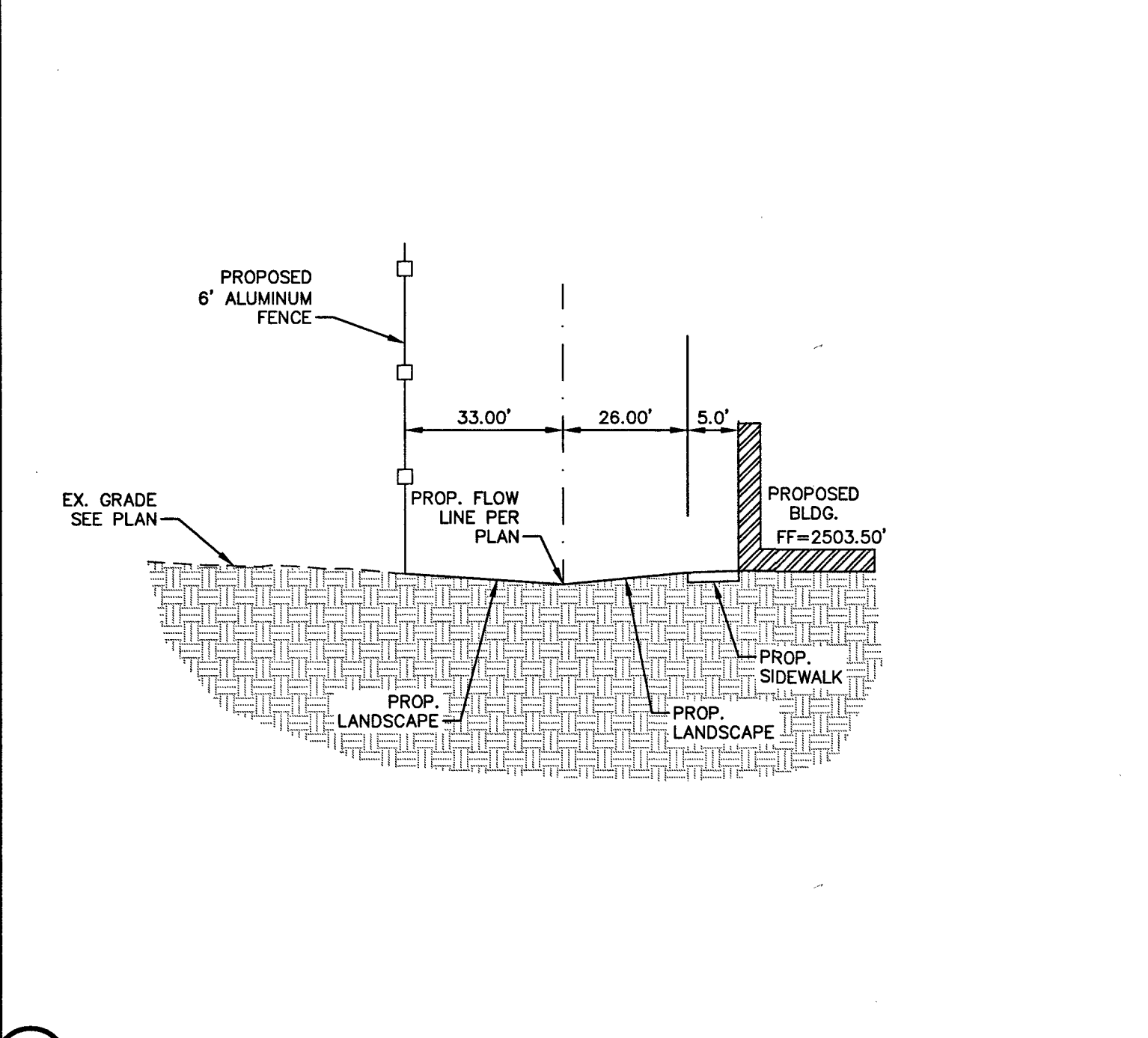
10 500 GALLON SAND/OIL SEPARATOR NOT TO SCALE



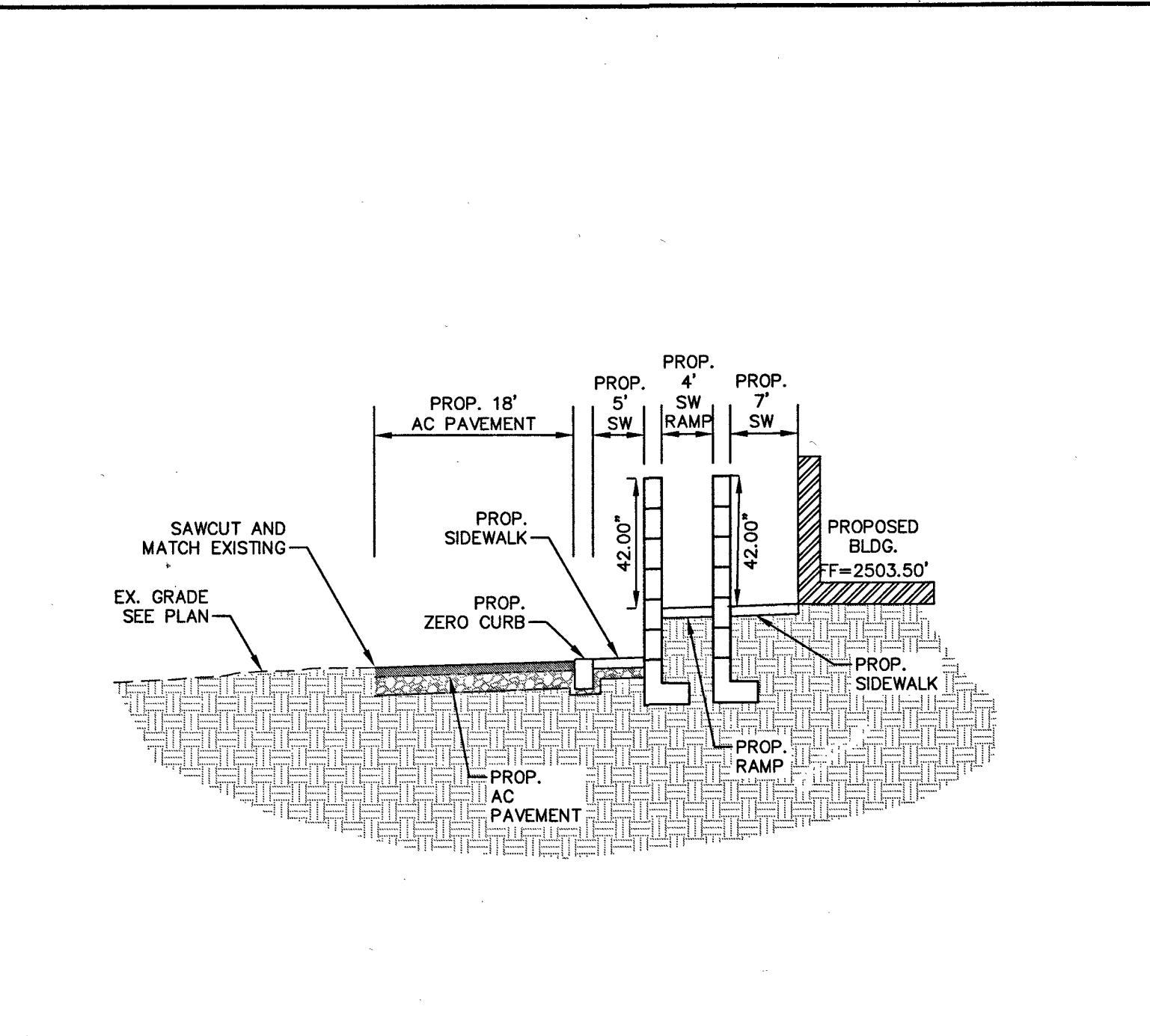
9 NORTH EAST PORTION DETAIL NOT TO SCALE



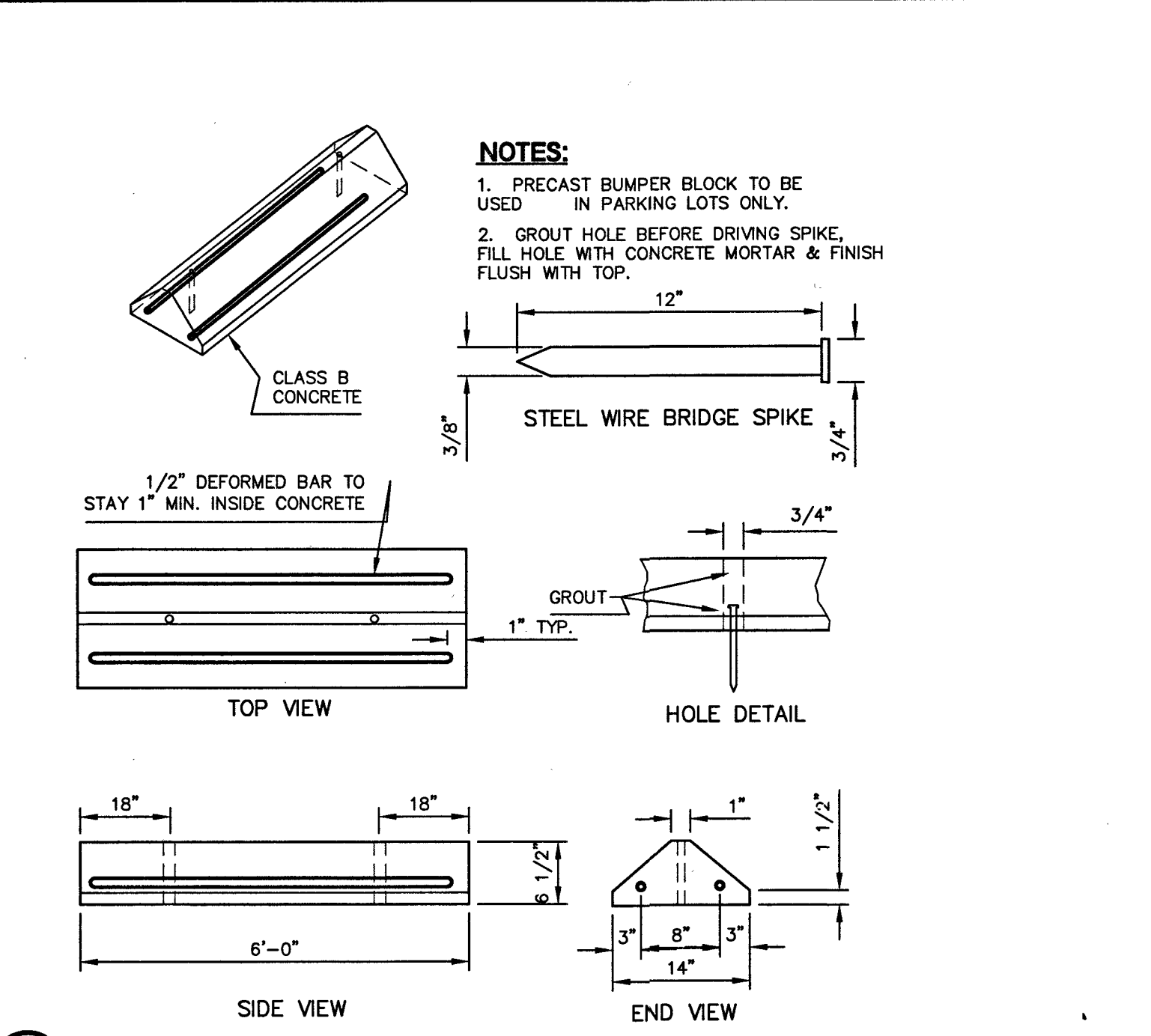
8 NORTH PORTION DETAIL NOT TO SCALE



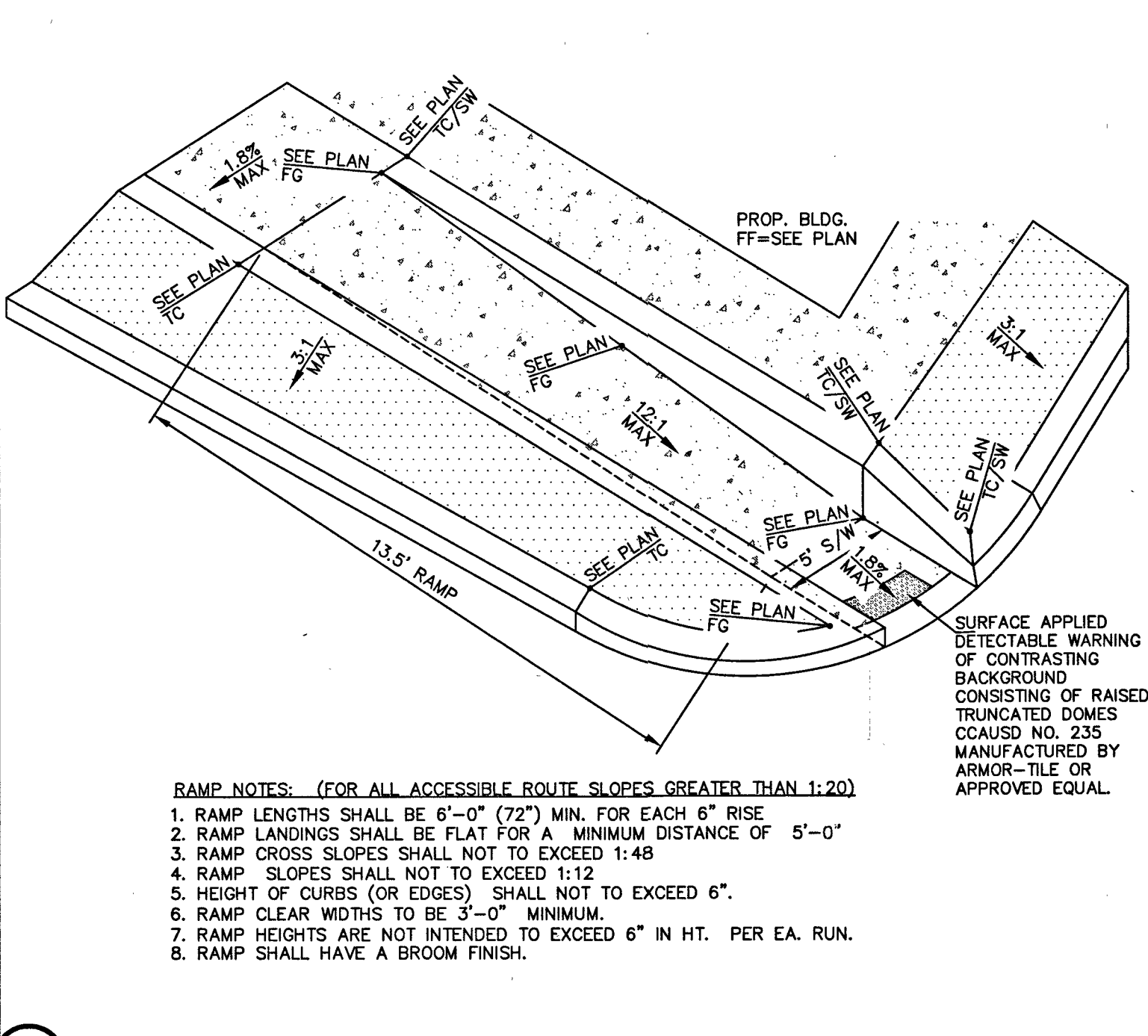
7 WEST PORTION DETAIL NOT TO SCALE



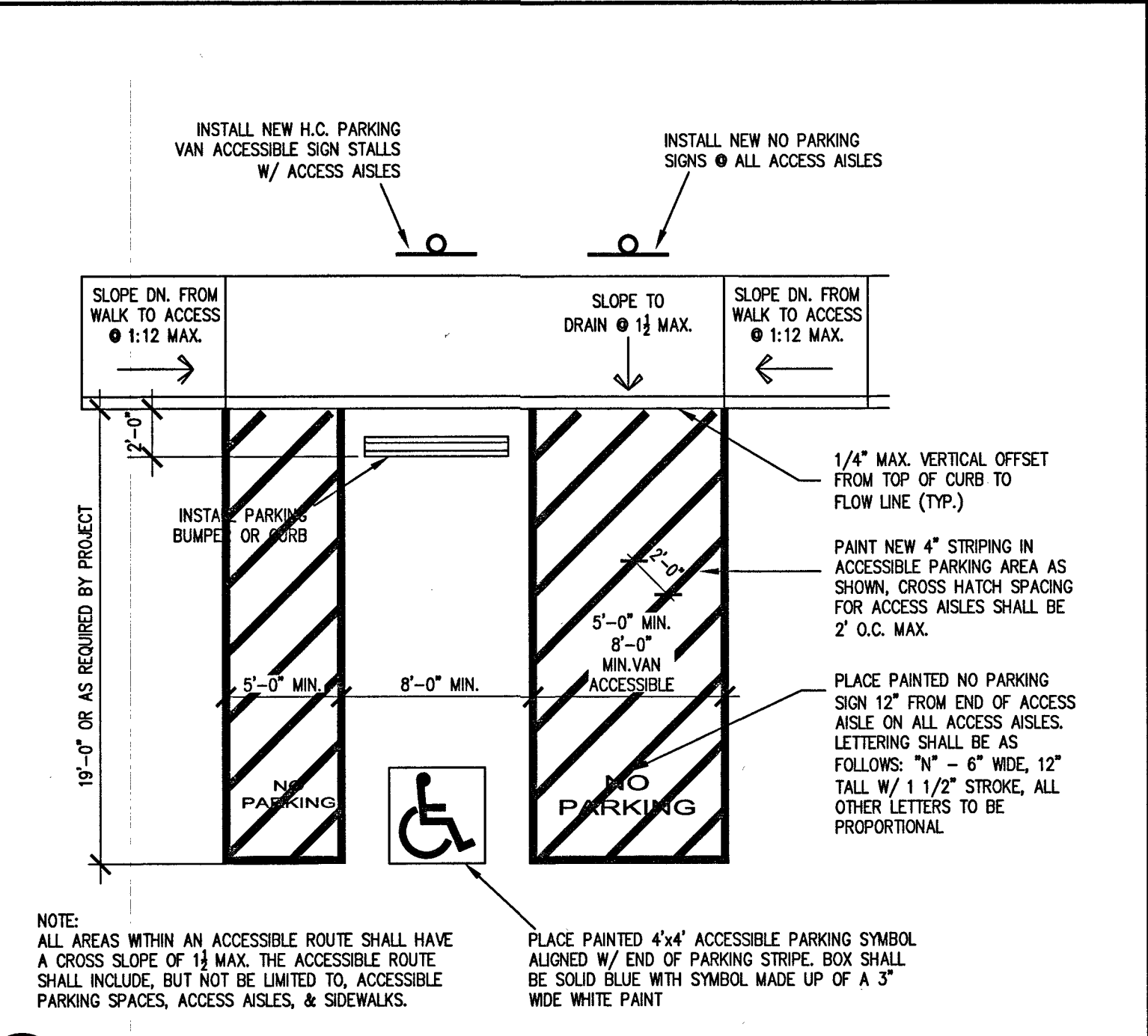
6 SOUTH PORTION DETAIL NOT TO SCALE



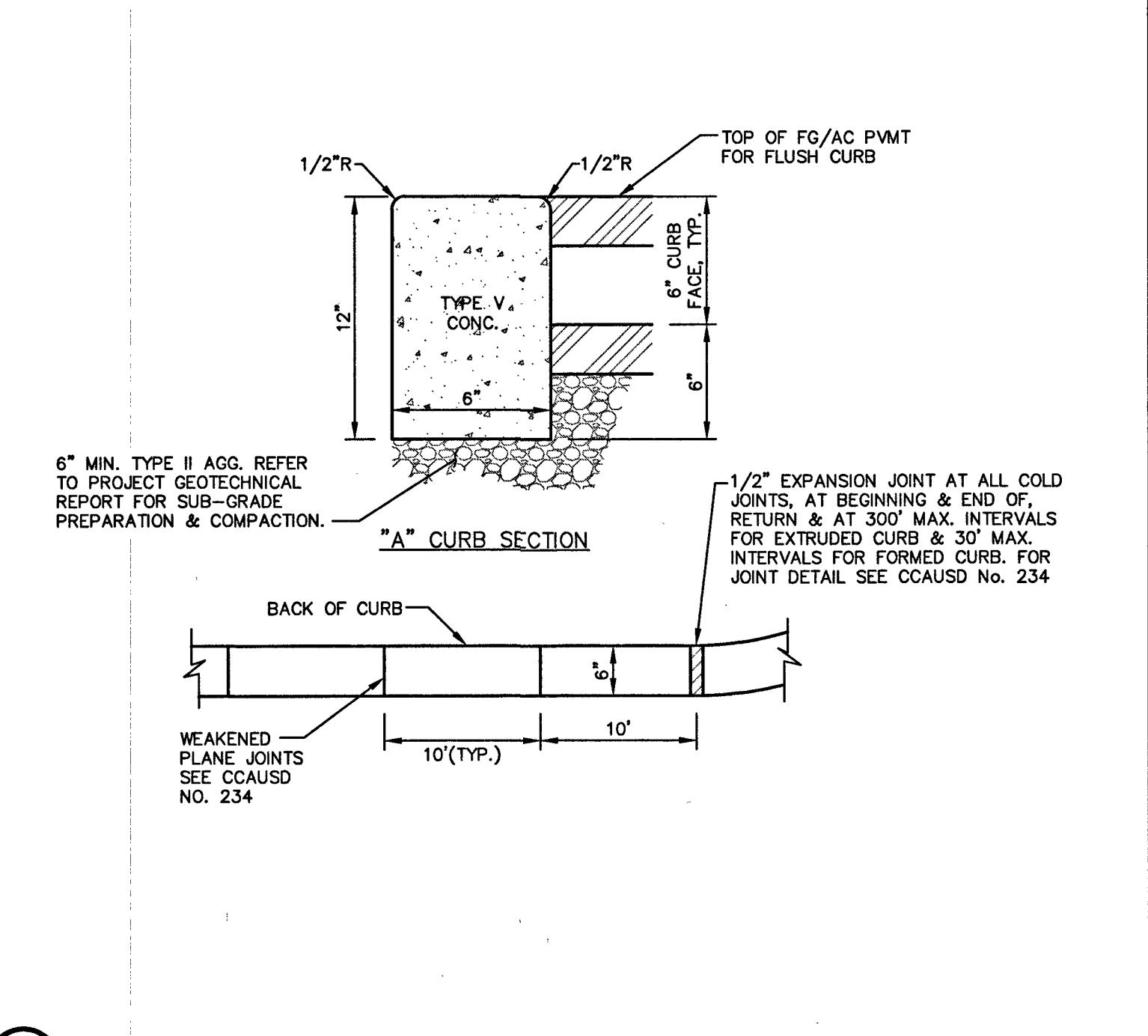
5 WHEEL STOP NOT TO SCALE



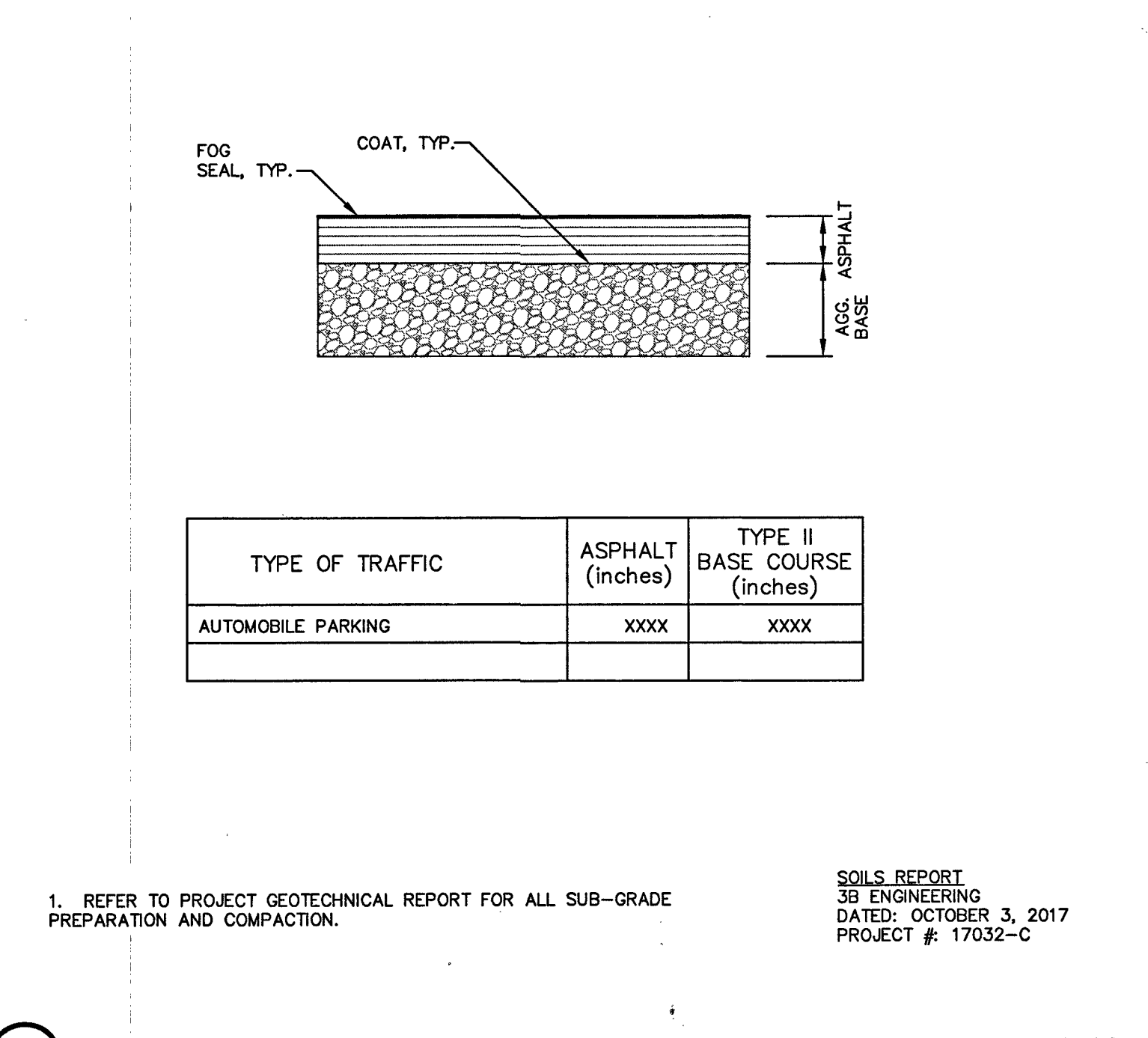
4 ON-SITE RAMP NOT TO SCALE



3 ACCESSIBLE PARKING DETAIL NOT TO SCALE



2 ON-SITE "A" TYPE CURB NOT TO SCALE



1 AC PAVEMENT SECTION NOT TO SCALE

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DETAIL SHEETS
DETAIL SHEET

TITLE
CENTENNIAL HILLS PROFESSIONAL CENTER
KIDDE ACADEMY
LAS VEGAS, NEVADA

PROJECT No.: 181033
DATE: 06/17/2019
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107V7768
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C6.01
SHEET 8 of 9
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