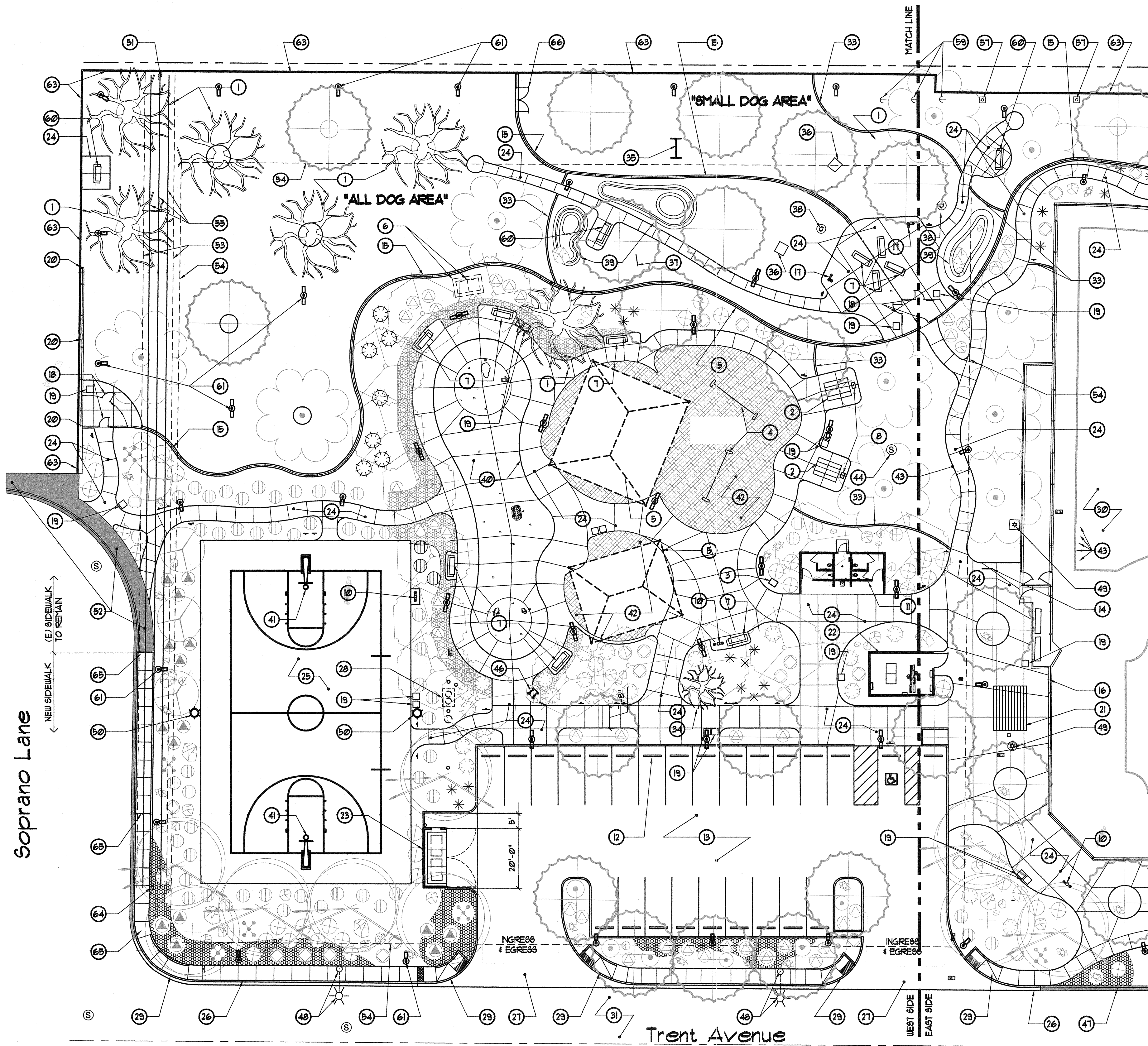




New Site Plan - West Side "Base Bid"

Scale: 1" = 20'-0"

General Notes:

- SEE LANDSCAPE PLANS FOR LAYOUT AND INFORMATION ON TYPES OF TREES, SHRUBS, BOULDERS AND GROUND COVER.
- SOIL AMENDMENTS ARE TO BE AS FOLLOWS: AREAS AROUND SHRUBS AND TREES ARE TO RECEIVE TOPSOIL AND SHALL RECEIVE 15-0-24, TYPE 1, GRADE A FERTILIZER DERIVED FROM ORGANIC SOURCE. MULCH TO BE "NUTRI-MULCH" ORGANIC COMPOSTED MANURE, WEED FREE. PROVIDE SOIL SULFUR AND IRON SULFATE IN QUANTITIES NECESSARY TO ELIMINATE ANY DEFICIENCIES IN THE TOP SOIL.
- ALL AREAS WITH EXISTING TREES IN THE PARK ARE TO BE CONSIDERED "PROTECTED AREAS". EXCAVATION WITHIN THE PROTECTED AREAS WITH EXISTING TREES MUST BE DONE BY ONE OF THE FOLLOWING METHODS: 1. HAND DIGGING EXCAVATION. 2. PNEUMATIC EXCAVATION OR 3. HYDRAULIC EXCAVATION. REF. SPECIFICATIONS.

Finish Legend:

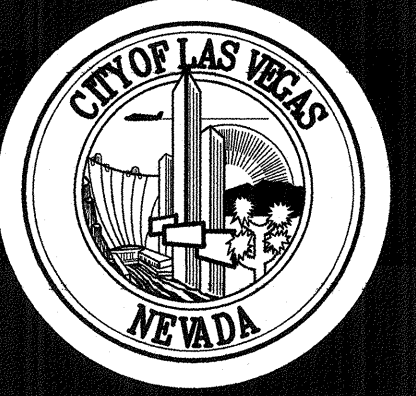
- EP-1: (CMU) PAINT TO MATCH EXISTING RESTROOM CMU BENCHES AND PICNIC TABLES FINISH.
- EP-2: (CONC. PAINT) PAINT TO MATCH NEW QUICK CRETE BENCHES AND PICNIC TABLES FINISH.
- EP-3: COLOR DE6204 "TRUE WHITE" MANUFACTURED BY DUNN EDWARDS
- EP-4: GREEN (CHAINLINK FENCING (ALL SURFACES))

Key Notes (Continued):

- 58 REMOVE DAMAGED DOUGLAS FIR POST AND FOOTING AND REPLACE WITH NEW. DETACH EXISTING STRUCTURAL BOLTS FOR REUSE. REF. STRUCTURAL. COORDINATE WITH CLV REPRESENTATIVE PRIOR TO PERFORMING WORK.
- 59 EXISTING GUY WIRE SUPPORTS. TYP. 3 AT EACH END OF RUN. REPLACE AS REQUIRED AND / OR RETENSION.
- 60 RELOCATED EXISTING CONCRETE PARK BENCH. COORDINATE WITH CLV REPRESENTATIVE. PREP AND RE-PAINT (EP-2) ALL SURFACES. TYP.
- 61 NEW LIGHT FIXTURES, POLES AND CONCRETE FOOTINGS. REF. ELECTRICAL. (TYP.)
- 62 NEW CMU WALL. PAINT (EP-1). REF. STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- 63 EXISTING CMU WALL. PAINT (EP-1) FULL LENGTH IN ITS ENTIRETY (SIDE FACING PARK AND TOP SURFACE ONLY). REF. SPECIFICATIONS.
- 64 EXISTING NV ENERGY POWER POLE TO REMAIN. PROTECT IN PLACE. REF. DEMO PLAN FOR REMOVAL OF ADJACENT CONCRETE AT BASE.
- 65 NEW CONCRETE SIDEWALK POURED ADJACENT TO EXISTING L-CURB. REF. CIVIL DRAWINGS.
- 66 CHAINLINK DOUBLE GATE. REF. DTL. 5-A6.1

Key Notes:

- 1 EXISTING TREES TO REMAIN. PROTECT & WATER DURING CONSTRUCTION. NO HEAVY CONSTRUCTION EQUIPMENT WILL BE ALLOWED NEAR TREE CANOPY. HAND DIG, HAND GRADE EARTH AND REMOVE EXISTING GRASS BY HAND IN AREA OF DOG PARKS. REF. SPECIFICATIONS FOR PROTECTION OF TREES.
- 2 RELOCATED, EXISTING CONCRETE PICNIC TABLES. PREP AND RE-PAINT ALL SURFACES (EP-2). TYP.
- 3 RELOCATED CONCRETE PEDESTAL WITH NEW DEDICATION PLAQUE.
- 4 EXISTING PLAYGROUND EQUIPMENT TO REMAIN, INCLUDING FOOTINGS AND ALL ASSOCIATED MATERIALS.
- 5 EXISTING STEEL POST FRAME AND FABRIC SHADE STRUCTURES TO REMAIN.
- 6 NEW SUBTERRANEAN COMMAND CENTER (1-20) VALVES TYPE WITH CONCRETE COLLAR. REF. SHEET A11 AND A12. PAINT EXPOSED METAL SURFACES (EP-1).
- 7 NEW PRECAST CONCRETE PARK BENCH BY QUICK CRETE PRODUCTS CORP. MODEL 101-VIC-84B OR APPROVED EQUAL WITH GRAFFITI RESISTANT COATING. EPOXY BENCH TO CONCRETE PAD.
- 8 NEW ADA ACCESSIBLE, INDIVIDUAL BARBEQUE GRILL, BY MFR. KAY PARK RECREATION CORP OR APPROVED EQUAL.
- 9 NEW TWO ROLL DOGIPOT JUNIOR BAG WASTE BAG DISPENSER BY MFR. DOGIPOT, ARTICLE 1002-2, NO SUBSTITUTIONS.
- 10 NEW ADA ACCESSIBLE PEDESTAL DRINKING FOUNTAIN WITH HI-LOW BOULDS, STEEL WITH STANDARD POWDER COATED FINISH, COLOR: BLUE, FREEZE RESISTANT MODEL 1014888FA W/ OPT. JUG FILLER. REF. IRRIGATION DRAWINGS AND DTL. 1/A11 (81M). FOR DRY WELL PIPING, ETC. (ADD ALT. B INCLUDES DUT RELOCATED. REF. ADD. ALT. PLAN FOR LOCATION).
- 11 EXISTING RESTROOM BUILDING TO REMAIN. POWER WASH ENTIRE BUILDING AND REPAINT ALL INTERIOR AND EXTERIOR METAL (INCLUDING ROOF) AND INTERIOR AND EXTERIOR CMU. MATCH EXISTING PAINT COLORS OF BLOCK AND METALS FINISHES.
- 12 NEW CONCRETE BUMPER BLOCKS AND STRIPING. REF. CIVIL.
- 13 NEW PARKING AREA. REF. CIVIL DRAWINGS.
- 14 BIKE RACK, TOTAL OF ONE (1). REF. SPECIFICATIONS.
- 15 NEW GALVANIZED & PAINTED (EP-4) CHAINLINK METAL FENCE WITH CONTINUOUS CONCRETE CURB (12" DEEP X 12" WIDE). FENCE & PERIMETER TO SMALL DOG AREA SHARED WITH PUBLIC AREA TO BE 4' HIGH AND FENCE & PERIMETER TO ALL DOG AREA AND IN BETWEEN ALL DOG AND SMALL DOG AREA TO BE 5' HIGH. REF. DETAILS AND SPECIFICATIONS. REF. SPECS.
- 16 EXISTING CHAIN-LINK FENCE AROUND ENTIRE BASEBALL FIELD TO REMAIN UNO. REF. SHEET A6.1 AND A6.2 FOR SPECIFIC AREAS AND PRODUCT TO BE REPAIRED AND / OR REPLACED. PAINT (EP-4). REF. SPECIFICATIONS.
- 17 NEW ADA ACCESSIBLE PEDESTAL DRINKING FOUNTAIN WITH HI-LOW BOULDS, STEEL WITH STANDARD POWDER COATED FINISH, COLOR: BLUE, FREEZE RESISTANT MODEL 1014888FA & 81M8FA W/ OPTIONAL PET FOUNTAIN. REF. IRRIGATION DRAWINGS AND DTL. 1/A6.1 FOR CONNECTIONS AND DRY WELL PIPING, ETC.
- 18 NEW CHAINLINK ENTRANCE GATES WITH ADA ACCESSIBLE GATE HARDWARE. GATES TO BE SELF-CLOSING WITH LATCHES. REF. DETAIL 4/A6.1 PAINT ALL SURFACES (EP-4). REF. SPECS.
- 19 NEW TRASH AND / OR RECYCLE RECEPTACLES. REF. SPECIFICATIONS.
- 20 EXISTING CONCRETE FOOTING AND CHAIN LINK FENCE POSTS AND BOTTOM RAILS TO REMAIN IN THIS AREA AS SHOWN. PAINT CHAIN LINK FENCING ASSEMBLY (EP-4). REPLACE CHAINLINK METAL FABRIC AND TOP RAIL AS REQUIRED TO MATCH NEW FENCING. ALSO INSTALL NEW BOTTOM RAIL. SEE NOTES ON SHEET A6.1.
- 21 RELOCATED ALUMINUM BLEACHERS. EPOXY BOLT BLEACHERS TO NEW CONCRETE.
- 22 EXISTING PAINTED, CMU ENCLOSURE AND TUBE STEEL GATE FOR ELECTRICAL EQUIPMENT. REPAINT CMU AND GATE ALL SURFACES. MATCH EXISTING PAINT FOR BLOCK. PAINT EXISTING GATE EP-3.
- 23 NEW PAINTED CMU TRASH ENCLOSURE (6' H. X 20' L. X 7'-4" D) WITH PAINTED, FLAT TUBE STEEL CANOPY AND PERFORATED METAL SCREEN AND TWO, 8'-9" W. X 6' H. TUBE STEEL GATES. TRASH ENCLOSURE AND GATES REF. SHEET A3.1 AND A3.2.
- 24 NEW 4" THICK CONCRETE SIDEWALKS AND / OR CONCRETE PADS WITH LIGHT BROOM FINISH. TYP. REF. CIVIL DRAWINGS.
- 25 NEW BASKETBALL COURT WITH 5" THICK POST-TENSION CONCRETE SLAB WITH THICKENED EDGE. SLAB TO BE STRUCTURALLY ISOLATED FROM SURROUNDING FENCE POSTS, PARK SHELTER FOOTINGS, BASKETBALL HOOP STANDARDS, LIGHT POLE STANDARDS. FLATNESS OF SLAB TO BE ASSURED USING A LASER SCREED. REF. BASKETBALL COURTS - LAYOUT PLANS 8HT. A21 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 NEW CONCRETE SIDEWALK WITH L-CURB. REF. CIVIL DRAWINGS.
- 27 NEW CONCRETE DRIVE-WAY. REF. CIVIL DRAWINGS.
- 28 NEW IN-GROUND SAND OIL INTERCEPTOR. REF. CIVIL DRAWINGS.
- 29 NEW HANDICAPPED SIDEWALK RAMP. REF. CIVIL DRAWINGS.
- 30 EXISTING BASEBALL INFIELD AND GRASS TO REMAIN. REF. IRRIGATION DRAWINGS FOR WORK. PROTECT IN PLACE.
- 31 EXISTING STREET TO REMAIN, NO WORK.
- 32 EXISTING PRECAST CONCRETE PARK MONUMENT SIGN. CAULK CRACK IN BASE AND REPAINT TO MATCH EXISTING COLOR.
- 33 NEW 9" WIDE X 1' DEEP CONCRETE MOW CURB WITH RADIUS EDGES WITH EXPANSION JOINTS @ 30' O.C. AND CONTROL JOINTS AT 10' O.C. REF. DETAIL 4/L2.1
- 34 RELOCATED MULGA ACACIA TREE (8' HIGH).
- 35 NEW "ROVER JUMP OVER" DOG PARK TOY MODEL 10BARK-450N BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- 36 NEW "DOGGIE CRAWL" DOG PARK TOY MODEL 102-01-0051-GRN BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- 37 NEW "DOG HOOPS" DOG PARK TOY MODEL 10BARK-430P BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- 38 NEW "FIRE HYDRANT" DOG PARK TOY MODEL 10BARK-465 BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- 39 NEW 2'-6" H. BERM FROM EXCESS NATIVE SOIL, WITH 3:1 MAX SLOPE WITH 4" THICK DECOMPOSED GRANITE FINISH WITH BOULDERS AS SHOWN.
- 40 NEW WATER PLAY AREA. REF. ENLARGED PLAN SHEET A11 FOR INFORMATION.
- 41 NEW WASHIA TILE PRECAST CONCRETE BASKETBALL STANDARD MODEL 17115 (CONCRETE STAIN COLOR TO COORDINATE WITH PARK SCHEME). REF. BASKETBALL COURT - LAYOUT PLANS 8HT. A21 FOR ADDITIONAL INFORMATION.
- 42 EXISTING SAFETY PADDING PLAY SURFACE TO REMAIN. CLEAN SAFETY PAD SURFACE AFTER CONSTRUCTION IS COMPLETE.
- 43 EXISTING WATER METERS IN NEW SIDEWALK. REF. CIVIL FOR WORK.
- 44 EXISTING SEWER MANHOLE LOCATION TO REMAIN.
- 45 NEW PUMP ENCLOSURE - REF. IRRIGATION PLANS.
- 46 NEW PRECAST CONCRETE FROG ON BOULDER SCULPTURE, MODEL MCHENRY FROG, MFG. BY CEMCROCK. DIMENSIONS 35" L. X 35" W. X 30" H. CUSTOM PAINTED / STAINED AND FINISHED BY MANUFACTURER. RECESS BASE INTO GRADE AND BELOW ADJACENT CONCRETE PER MANUFACTURER RECOMMENDATIONS.
- 47 NEW CONCRETE "L" CURB. REF. CIVIL DRAWINGS.
- 48 EXISTING STREET LIGHT POLES, FIXTURES, CONCRETE FOOTINGS AND MTL. CAPS TO REMAIN. PROTECT IN PLACE. PREP SURROUNDING GRADES FOR NEW LANDSCAPING (WHERE OCCURS).
- 49 EXISTING SPORTS LIGHT POLES AND FIXTURES TO REMAIN. REPAINT YELLOW AREA OF POLE. REMOVE RUST, PRIME AND PAINT TO MATCH EXISTING COLOR. PROTECT IN PLACE.
- 50 NEW BASKETBALL COURT "LED" TYPE SPORT LIGHTING MOUNTED ON 40' HIGH ROUND POLES. TWO PER COURT. REF. SPECIFICATIONS AND ELECTRICAL DRAWINGS FOR ALL INFORMATION (TYP.) DEFERRED SUBMITTAL REQUIRED, INCLUDING FOOTING DESIGN.
- 51 EXISTING NV ENERGY POWER POLE TO REMAIN. PROTECT IN PLACE.
- 52 EXISTING CONCRETE CURB, GUTTER AND SIDEWALK AS INDICATED BY SOLID HATCH TO REMAIN. REF. NEW SITE PLAN AND CIVIL DUGS.
- 53 LINE OF 10' WIDE SETBACK FROM NEW LIGHT POLES TO EXISTING OVERHEAD POWER LINES.
- 54 LINE OF EXISTING PATENT EASEMENT FOR UTILITIES.
- 55 EXISTING NV ENERGY POWER LINE, PHONE LINE AND CABLE LINE TO REMAIN.
- 56 EXISTING SUPPLY WATER SERVICE VALVE BOXES AND ASSOCIATED RPPA'S TO REMAIN. PROTECT IN PLACE. REF. IRRIGATION DRAWINGS.
- 57 EXISTING DOUG FIR POST AND FOOTING SUPPORTING POULTRY MESH TO REMAIN UNLESS NOTED OTHERWISE. TYP.



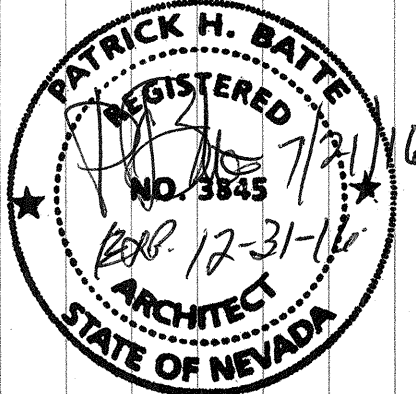
REVISIONS

CONSULTANT

Dexter Park Renovation

New Site Plan - West Side
"Base Bid"

STAMP



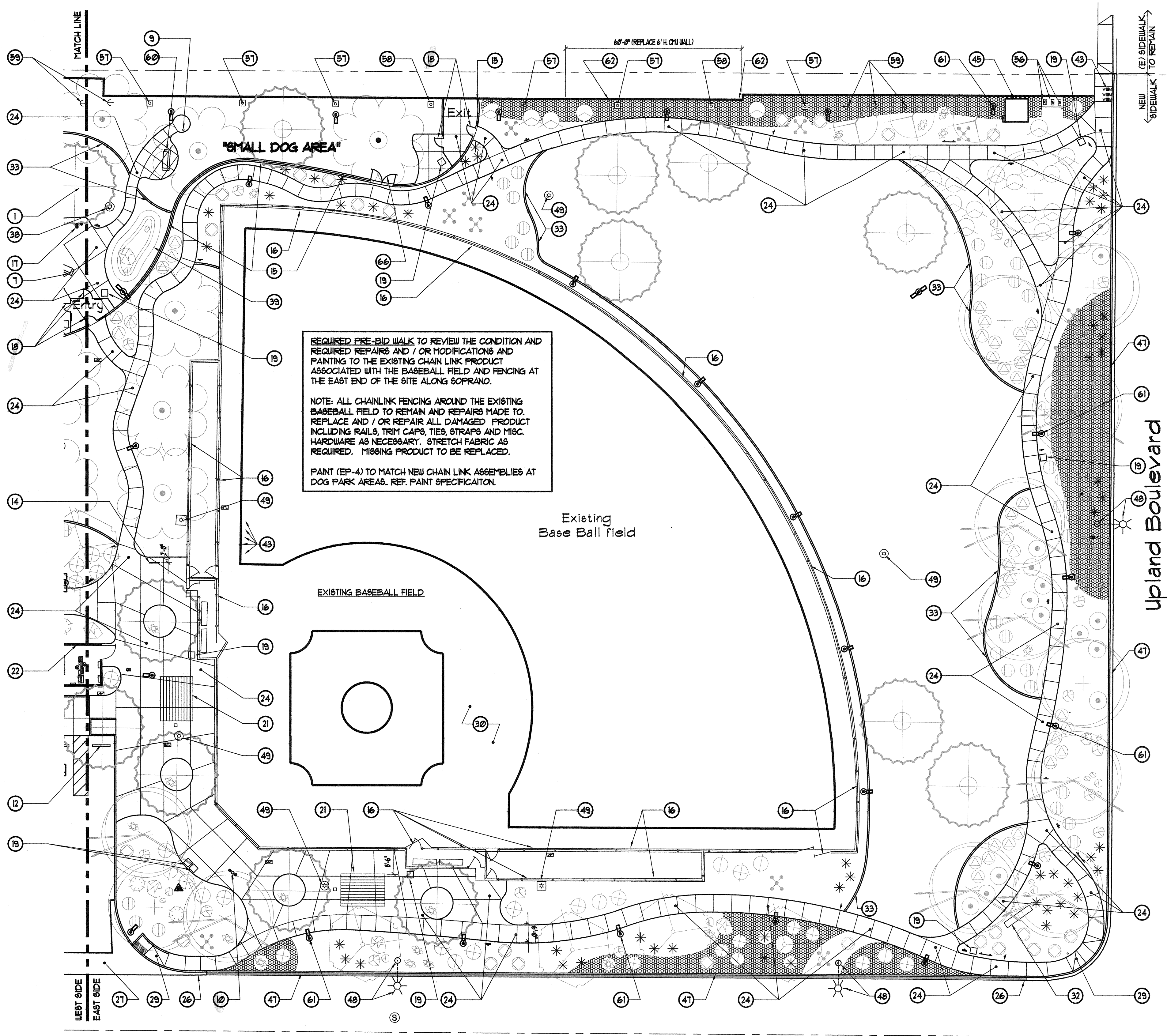
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN	BLB / EPS
FILE	dpr10-s11
DATE	7/6/2016
SCALE	1" = 20'-0"
BID NO	1554979.TF
CLV DWG NO	65016-14
HANSEN NO	54979
SHT NO	

SEP 07 2016 GG
CITY OF LAS VEGAS
BUILDING AND SAFETY

AS1.1



New Site Plan - East Side "Base Bid"

Scale: 1"=20'-0"

General Notes:

- SEE LANDSCAPE PLANS FOR LAYOUT AND INFORMATION ON TYPES OF TREES, SHRUBS, Boulders AND GROUNDCOVER.
- SOIL AMENDMENTS ARE TO BE AS FOLLOWS: AREAS AROUND SHRUBS AND TREES ARE TO RECEIVE TOPSOIL AND SHALL RECEIVE F5 O-F-241, TYPE I, GRADE A FERTILIZER DERIVED FROM ORGANIC SOURCE. MULCH TO BE "NUTRI-MULCH" ORGANIC COMPOSTED MANURE, WEED FREE, PROVIDE SOIL SULFUR AND IRON SULFATE IN QUANTITIES NECESSARY TO ELIMINATE ANY DEFICIENCIES IN THE TOP SOIL.
- ALL AREAS WITH EXISTING TREES IN THE PARK ARE TO BE CONSIDERED "PROTECTED AREAS". EXCAVATION WITHIN THE PROTECTED AREAS WITH EXISTING TREES MUST BE DONE BY ONE OF THE FOLLOWING METHODS: 1. HAND DIGGING EXCAVATION. 2. PNEUMATIC EXCAVATION OR 3. HYDRAULIC EXCAVATION. REF. SPECIFICATIONS.

Finish Legend:

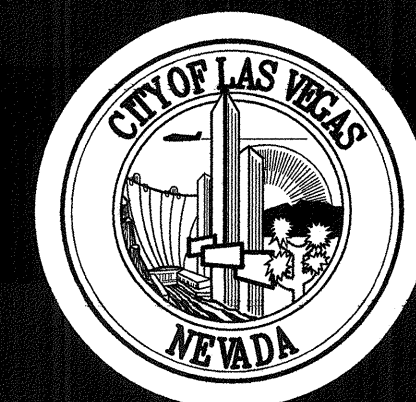
- EP-1: (CHU) PAINT TO MATCH EXISTING RESTROOM CHU
EP-2: (CONC. PAINT) PAINT TO MATCH NEW QUICK CRETE BENCHES AND PICNIC TABLES FINISH.
EP-3: COLOR DE6204 "TRUE WHITE" MANUFACTURED BY DUNN EDWARDS
EP-4: GREEN (CHAINLINK FENCING (ALL SURFACES))

Key Notes (Continued):

- REMOVE DAMAGED DOUGLAS FIR POST AND FOOTING AND REPLACE WITH NEW. DETACH EXISTING STRUCTURAL BOLTS FOR REUSE. REF. STRUCTURAL. COORDINATE WITH CLV REPRESENTATIVE PRIOR TO PERFORMING WORK.
- EXISTING GUY WIRE SUPPORTS. TYP. 3 AT EACH END OF RUN. REPLACE AS REQUIRED AND / OR RETENSION.
- RELOCATED CONCRETE PARK BENCH. COORDINATE WITH CLV REPRESENTATIVE. PREP AND RE-PAINT (EP-2) ALL SURFACES. TYP.
- NEW LIGHT FIXTURES, POLES AND CONCRETE FOOTINGS. REF. ELECTRICAL. (TYP.)
- NEW CHU WALL. PAINT (EP-1). REF. STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- EXISTING CHU WIRE SUPPORTS. TYP. 3 AT EACH END OF RUN. REPLACE AS REQUIRED AND / OR RETENSION.
- EXISTING NV ENERGY POWER POLE TO REMAIN. PROTECT IN PLACE. REF. DEMO PLAN FOR REMOVAL OF ADJACENT CONCRETE AT BASE.
- NEW CONCRETE SIDEWALK POURED ADJACENT TO EXISTING L-CURB. REF. CIVIL DRAWINGS.
- CHAINLINK DOUBLE GATE. REF. DTL. 5-A61

Key Notes:

- EXISTING TREES TO REMAIN. PROTECT 4 WATER DURING CONSTRUCTION. NO HEAVY CONSTRUCTION EQUIPMENT WILL BE ALLOWED NEAR TREE CANOPY. HAND DIG, HAND GRADE EARTH AND REMOVE EXISTING GRASS BY HAND IN AREA OF DOG PARKS. REF. SPECIFICATIONS FOR PROTECTION OF TREES.
- RELOCATED, EXISTING CONCRETE PICNIC TABLES. PREP AND RE-PAINT ALL SURFACES (EP-2). TYP.
- RELOCATED CONCRETE PEDESTAL WITH NEW DEDICATION PLAQUE.
- EXISTING PLAYGROUND EQUIPMENT TO REMAIN, INCLUDING FOOTINGS AND ALL ASSOCIATED MATERIALS.
- EXISTING STEEL POST FRAME AND FABRIC SHADE STRUCTURES TO REMAIN.
- NEW SUBTERRANEAN COMMAND CENTER (1-20) VALVES TYPE WITH CONCRETE COLLAR. REF. SHEET AT1 AND AT2. PAINT EXPOSED METAL SURFACES (EP-1).
- NEW PRECAST CONCRETE PARK BENCH BY QUICK CRETE PRODUCTS CORP, MODEL "Q1-VIC-84B OR APPROVED EQUAL WITH GRAFFITI RESISTANT COATING. EPOXY BENCH TO CONCRETE PAD.
- NEW ADA ACCESSIBLE, INDIVIDUAL BARBECUE GRILL, BY MFR. KAY PARK RECREATION CORP OR APPROVED EQUAL.
- NEW TWO ROLL DOGIPOT JUNIOR BAG WASTE BAG DISPENSER BY MFR. DOGIPOT, ARTICLE #002-2, NO SUBSTITUTIONS.
- NEW ADA ACCESSIBLE PEDESTAL DRINKING FOUNTAIN WITH HI-LOW BOULDS, STEEL WITH STANDARD POWDER COATED FINISH, COLOR: BLUE, FREEZE RESISTANT MODEL #01489FA W/ OPT. JUG FILLER. REF. IRRIGATION DRAWINGS AND DTL. 1/AT1 (81M). FOR DRY WELL PIPING, ETC. (ADD ALT. B INCLUDES DP BUT RELOCATED. REF. ADD. ALT. PLAN FOR LOCATION.
- EXISTING RESTROOM BUILDING TO REMAIN. POWER WASH ENTIRE BUILDING AND REPAINT ALL INTERIOR AND EXTERIOR METAL (INCLUDING ROOF) AND INTERIOR AND EXTERIOR CHU. MATCH EXISTING PAINT COLORS.
- NEW CONCRETE BUMPER BLOCKS AND STRIPING. REF. CIVIL.
- NEW PARKING AREA. REF. CIVIL DRAWINGS.
- BIKE RACK, TOTAL OF ONE (1). REF. SPECIFICATIONS.
- NEW GALVANIZED 4" PAINTED (EP-4) CHAINLINK METAL FENCE WITH CONTINUOUS CONCRETE CURB (12" DEEP X 12" WIDE). FENCE PERIMETER TO SMALL DOG AREA SHARED WITH PUBLIC AREA TO BE 4' HIGH AND FENCE PERIMETER TO ALL DOG AREA AND IN BETWEEN ALL DOG AND SMALL DOG AREA TO BE 5' HIGH. REF. DETAILS AND SPECIFICATIONS. REF. SPEC.
- EXISTING CHAIN-LINK FENCE AROUND ENTIRE BASEBALL FIELD TO REMAIN UNO. REF. SHEET A61 AND A62 FOR SPECIFIC AREAS AND PRODUCT TO BE REPAIRED AND / OR REPLACED. PAINT (EP-4). REF. SPECIFICATIONS.
- NEW ADA ACCESSIBLE PEDESTAL DRINKING FOUNTAIN WITH HI-LOW BOULDS, STEEL WITH STANDARD POWDER COATED FINISH, COLOR: BLUE, FREEZE RESISTANT MODEL #4426MFA 4 5189FA W/ OPTIONAL PET FOUNTAIN. REF. IRRIGATION DRAWINGS AND DTL. 1/A61 FOR CONNECTIONS AND DRY WELL PIPING, ETC.
- NEW CHAINLINK ENTRANCE GATES WITH ADA ACCESSIBLE GATE HARDWARE. GATES TO BE SELF-CLOSING WITH LATCHES. REF. DETAIL 4/A61. PAINT ALL SURFACES (EP-4). REF. SPECIFICATIONS.
- NEW TRASH AND / OR RECYCLE RECEPTACLES. REF. SPECIFICATIONS.
- EXISTING CONCRETE FOOTING AND CHAIN LINK FENCE POSTS AND BOTTOM RAILS TO REMAIN IN THIS AREA AS SHOWN. PAINT CHAIN LINK FENCING ASSEMBLY (EP-4). REPLACE CHAINLINK METAL FABRIC AND TOP RAIL AS REQUIRED TO MATCH NEW FENCING. ALSO INSTALL NEW BOTTOM RAIL. SEE NOTES ON SHEET A61.
- RELOCATED ALUMINUM BLEACHERS. EPOXY BOLT BLEACHERS TO NEW CONCRETE.
- EXISTING PAINTED, CHU ENCLOSURE AND TUBE STEEL GATE FOR ELECTRICAL EQUIPMENT. REPAINT CHU AND GATE. MATCH EXISTING PAINT COLORS.
- NEW PAINTED CHU TRASH ENCLOSURE (6' H. X 20' L. X 1'-4" D) WITH PAINTED, FLAT TUBE STEEL CANOPY AND PERFORATED METAL SCREEN AND TUB, 9'-9" W. X 6' H. TUBE STEEL GATES. TRASH ENCLOSURE AND GATES REF. SHEET A31 AND A32.
- NEW 4" THICK CONCRETE SIDEWALKS AND / OR CONCRETE PADS WITH LIGHT BROOM FINISH. TYP. REF. CIVIL DRAWINGS.
- NEW BASKETBALL COURT WITH 5" THICK POST-TENSION CONCRETE SLAB WITH THICKENED EDGE. SLAB TO BE STRUCTURALLY ISOLATED FROM SURROUNDING FENCE POSTS, PARK SHELTER FOOTINGS, BASKETBALL HOOP STANDARDS, LIGHT POLE STANDARDS. FLATNESS OF SLAB TO BE ASSURED USING A LASER SCREED. REF. BASKETBALL COURTS - LAYOUT PLANS 9HT. A21 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- NEW CONCRETE SIDEWALK WITH L-CURB. REF. CIVIL DRAWINGS.
- NEW CONCRETE DRIVE-WAY. REF. CIVIL DRAWINGS.
- NEW IN-GROUND SAND OIL INTERCEPTOR. REF. CIVIL DRAWINGS.
- NEW HANDICAPPED SIDEWALK RAMP. REF. CIVIL DRAWINGS.
- EXISTING BASEBALL INFELD AND GRASS TO REMAIN. REF. IRRIGATION DRAWINGS FOR WORK. PROTECT IN PLACE.
- EXISTING STREET TO REMAIN, NO WORK.
- EXISTING PRECAST CONCRETE PARK MONUMENT SIGN. CAULK CRACK IN BASE AND REPAINT TO MATCH EXISTING COLOR.
- NEW 9" WIDE X 1' DEEP CONCRETE MOW CURB WITH RADIUS EDGES WITH EXPANSION JOINTS @ 30' O.C. AND CONTROL JOINTS AT 10' O.C. REF. DETAIL 4/L21.
- RELOCATED MULGA ACACIA TREE (8' HIGH).
- NEW "ROVER JUMP OVER" DOG PARK TOY MODEL #TBARK-450N BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- NEW "DOGGIE CRAWL" DOG PARK TOY MODEL #02-00751-GRN BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- NEW "DOG HOOPS" DOG PARK TOY MODEL #TBARK-430P BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- NEW "FIRE HYDRANT" DOG PARK TOY MODEL #TBARK-465 BY MFR. ULTRASITE (WWW.ULTRA-SITE.COM) OR APPROVED EQUAL.
- NEW 2'-6" H. BERM FROM EXCESS NATIVE SOIL, WITH 3:1 MAX SLOPE WITH 4" THICK DECOMPOSED GRANITE FINISH WITH BOULDERS AS SHOWN.
- NEW WATER PLAY AREA. REF. ENLARGED PLAN SHEET A11 FOR INFORMATION.
- NEW WASHUA TILE PRECAST CONCRETE BASKETBALL STANDARD MODEL T1T15 (CONCRETE STAIN COLOR TO COORDINATE WITH PARK SCHEME). REF. BASKETBALL COURT - LAYOUT PLANS 9HT. A21 FOR ADDITIONAL INFORMATION.
- EXISTING SAFETY PADDING PLAY SURFACE TO REMAIN. CLEAN SAFETY PAD SURFACE AFTER CONSTRUCTION IS COMPLETE.
- EXISTING WATER METERS IN NEW SIDEWALK. REF. CIVIL FOR WORK.
- EXISTING SEWER MANHOLE LOCATION TO REMAIN.
- NEW PUMP ENCLOSURE - REF. IRRIGATION PLANS.
- NEW PRECAST CONCRETE FROG ON BOULDER SCULPTURE, MODEL MCHENRY FROG, MFG. BY CEMROCK. DIMENSIONS 35" L. X 35" W. X 30" H. CUSTOM PAINTED / STAINED AND FINISHED BY MANUFACTURER. RECESS BASE INTO GRADE AND BELOW ADJACENT CONCRETE PER MANUFACTURER RECOMMENDATIONS.
- NEW CONCRETE "L" CURB. REF. CIVIL DRAWINGS.
- EXISTING STREET LIGHT POLES, FIXTURES, CONCRETE FOOTINGS AND MTL. CAPS TO REMAIN. PROTECT IN PLACE. PREP SURROUNDING GRADES FOR NEW LANDSCAPING (WHERE OCCURS).
- EXISTING SPORTS LIGHT POLES AND FIXTURES TO REMAIN. REPAINT YELLOW AREA OF POLE. REMOVE RUST, PRIME AND PAINT TO MATCH EXISTING COLOR. PROTECT IN PLACE.
- NEW BASKETBALL COURT "LED" TYPE SPORT LIGHTING MOUNTED ON 40' HIGH ROUND POLES. TWO PER COURT. REF. SPECIFICATIONS AND ELECTRICAL DRAWINGS FOR ALL INFORMATION. (TYP.) DEFERRED SUBMITTAL REQUIRED, INCLUDING FOOTING DESIGN.
- EXISTING NV ENERGY POWER POLE TO REMAIN. PROTECT IN PLACE.
- EXISTING CONCRETE CURB, GUTTER AND SIDEWALK AS INDICATED BY SOLID HATCH TO REMAIN. REF. NEW SITE PLAN AND CIVIL DUGS.
- LINE OF 10' WIDE SETBACK FROM NEW LIGHT POLES TO EXISTING OVERHEAD POWER LINES.
- LINE OF EXISTING PATENT EASEMENT FOR UTILITIES.
- EXISTING NV ENERGY POWER LINE, PHONE LINE AND CABLE LINE TO REMAIN.
- EXISTING SUPPLY WATER SERVICE VALVE BOXES AND ASSOCIATED RPPA'S TO REMAIN. PROTECT BUILDING AND SAFETY PLACE. REF. IRRIGATION DRAWINGS.
- EXISTING DOUG FIR POST AND FOOTING SUPPORTING POULTRY MESH TO REMAIN UNLESS NOTED OTHERWISE. TYP.



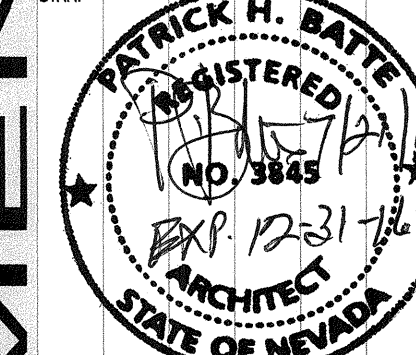
REVISIONS

CONSULTANT

Dexter Park Renovation

New Site Plan - East Side
"Base Bid"

STAMP



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

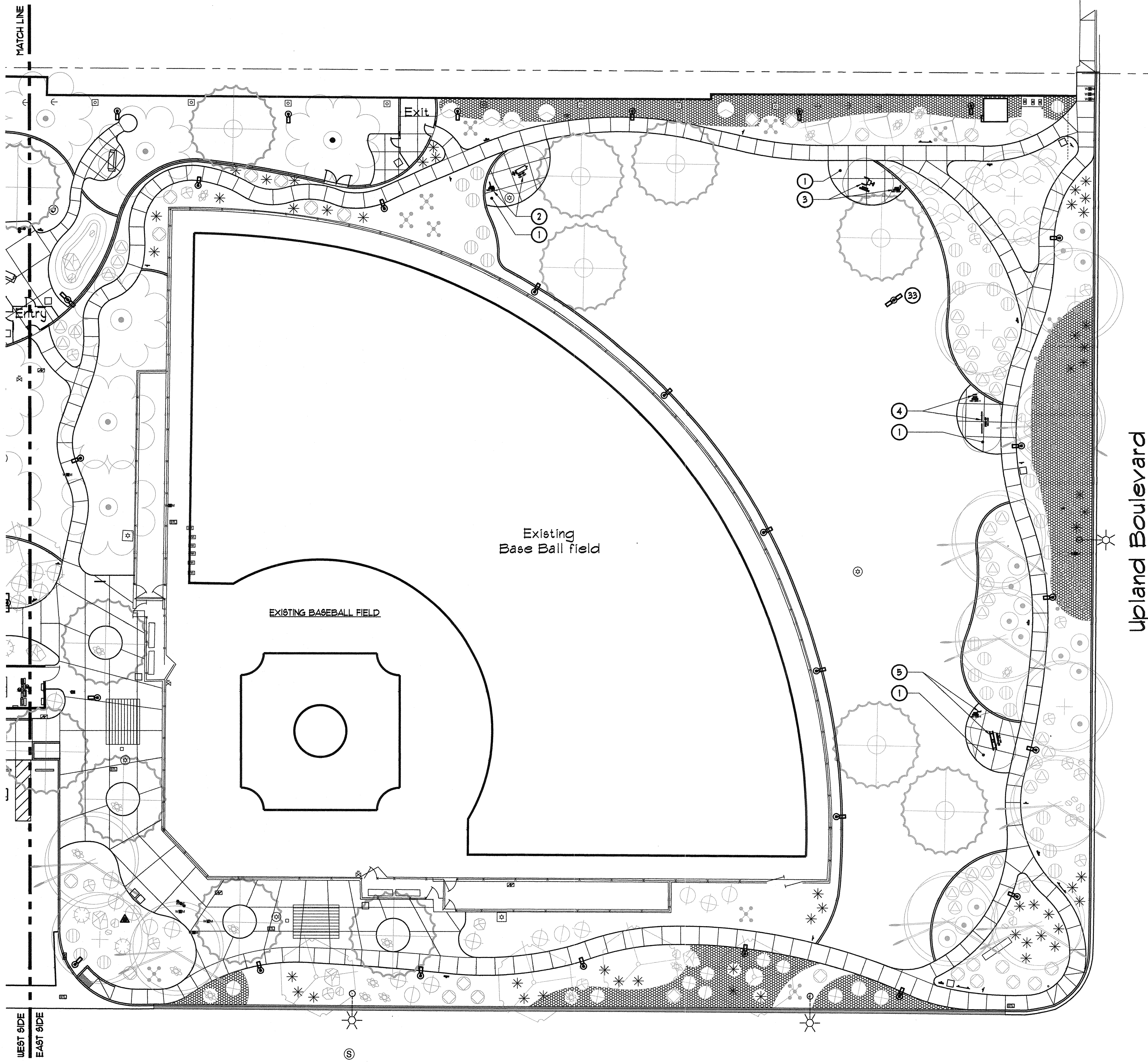
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CLV DWG NO: 65016-14
HATCHES NO: 54919
SITE NO:

REVIEWED FOR CODE COMPLIANCE

SEP 07 2016 GG

CITY OF LAS VEGAS

AS1.2



New Site Plan - East Side
"Additive Alternate C - Exercise Stations"

Scale: 1" = 20' - 0"

General Notes:

- SEE LANDSCAPE PLANS (ALTERNATE C) FOR LAYOUT AND INFORMATION ON TYPES OF TREES, SHRUBS, BOULDERS AND GROUND COVER.
- SOIL AMENDMENTS ARE TO BE AS FOLLOWS: AREAS AROUND SHRUBS AND TREES ARE TO RECEIVE TOPSOIL AND SHALL RECEIVE F8 O-F-241, TYPE I, GRADE A FERTILIZER DERIVED FROM ORGANIC SOURCE. MULCH TO BE "NUTRI-MULCH" ORGANIC COMPOSTED MANURE, WEED FREE, PROVIDE SOIL SULFUR AND IRON SULFATE IN QUANTITIES NECESSARY TO ELIMINATE ANY DEFICIENCIES IN THE TOP SOIL.
- ALL AREAS WITH EXISTING TREES IN THE PARK ARE TO BE CONSIDERED "PROTECTED AREAS". EXCAVATION WITHIN THE PROTECTED AREAS WITH EXISTING TREES MUST BE DONE BY ONE OF THE FOLLOWING METHODS: 1. HAND DIGGING EXCAVATION. 2. PNEUMATIC EXCAVATION OR 3. HYDRAULIC EXCAVATION. REF. SPECIFICATIONS.

"Additive Alternate C" - Key Notes:

- NEW CONCRETE SLAB. - REF. CIVIL DRAWINGS FOR LAYOUT INFORMATION.
- EXERCISE STATION #1 "SIT UP STATION" PROVIDE THE FOLLOWING EXERCISE EQUIPMENT, SIGN FRAME AND SIGN.
ALL PRODUCTS MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT:
- "SIT UP STATION" MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT, MODEL # 160-001
- SIGN FRAME, MODEL # 160-200-1
- SIGN MODEL # 160-201
- EXERCISE STATION #2 "HYPER-EXTENSION BENCH STATION" PROVIDE THE FOLLOWING EXERCISE EQUIPMENT, SIGN FRAME AND SIGN.
ALL PRODUCTS MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT:
- "HYPER-EXTENSION BENCH" MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT, MODEL # 160-018
- SIGN FRAME, MODEL # 160-200-1
- SIGN MODEL # 160-218
- EXERCISE STATION #3 "PUSH UP STATION" PROVIDE THE FOLLOWING EXERCISE EQUIPMENT, SIGN FRAME AND SIGN.
ALL PRODUCTS MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT:
- "PUSH UP" MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT, MODEL # 160-003
- SIGN FRAME, MODEL # 160-200-1
- SIGN MODEL # 160-203
- EXERCISE STATION #4 "DIP STATION" PROVIDE THE FOLLOWING EXERCISE EQUIPMENT, SIGN FRAME AND SIGN.
ALL PRODUCTS MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT:
- "DIP STATION" MANUFACTURED BY MIRACLE PLAYGROUND EQUIPMENT, MODEL # 160-018
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REVISIONS

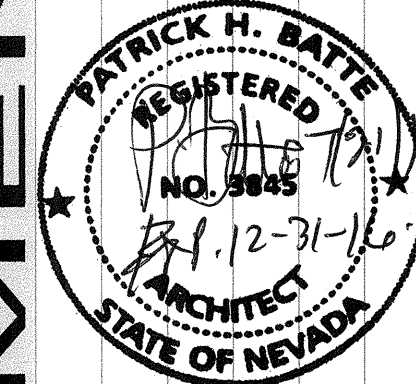
CONSULTANT

Dexter Park Renovation

New Site Plan - East Side

"Additive Alternate C"

STAMP



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333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89105
PHONE: (702) 229-6276
FAX: (702) 388-4846

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FILE	dpr13-0812
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SCALE	1" = 20' - 0"
BID NO	1554979.TF
CLV DWG NO	65016-14
HANSEN NO	54979
SIT NO	

AS1.2A

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SEP 07 2016 GG

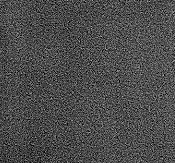
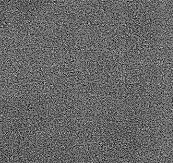
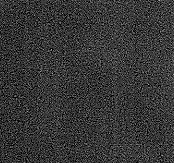
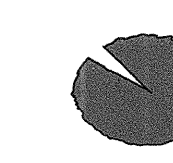
CITY OF LAS VEGAS
BUILDING AND SAFETY

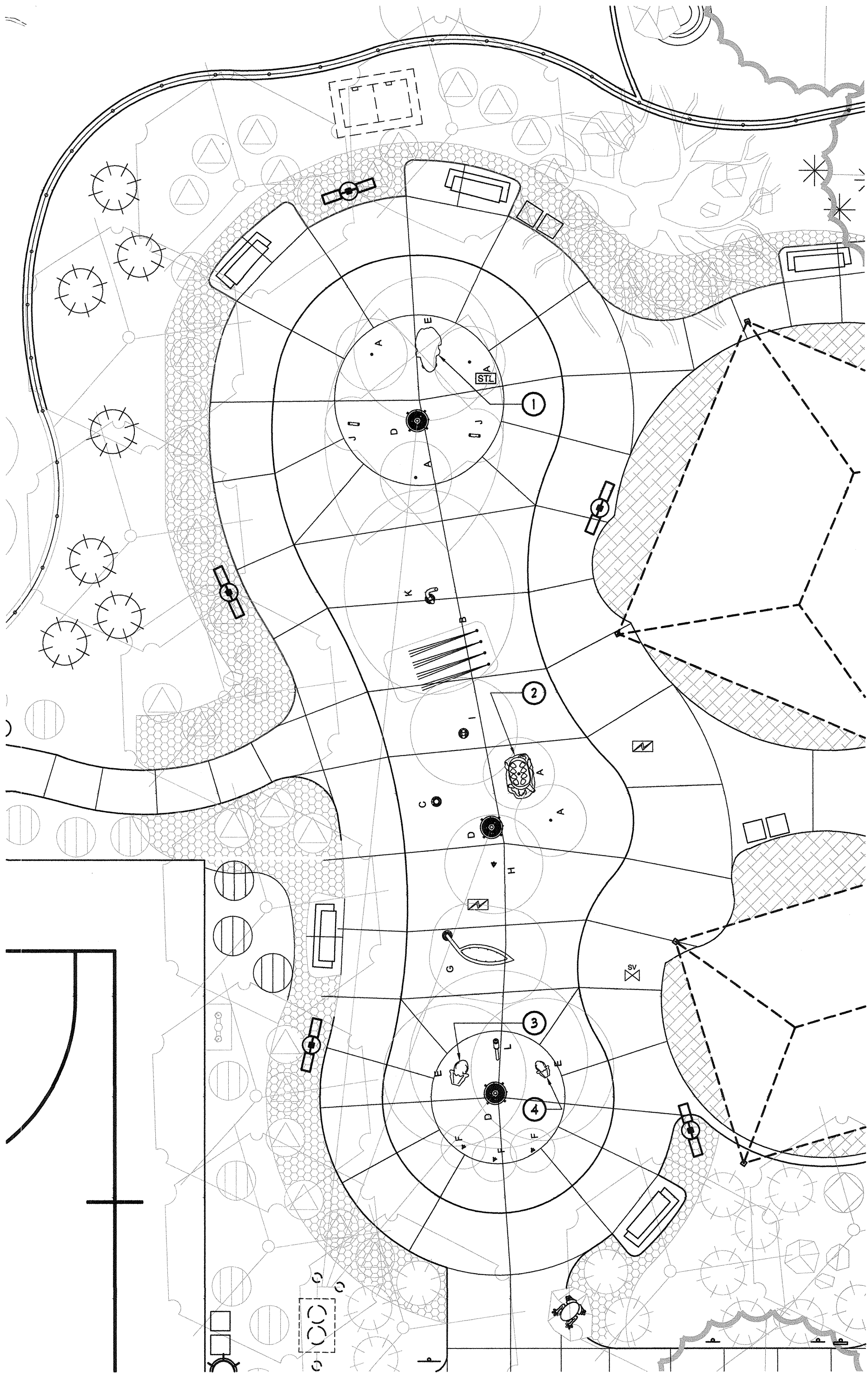


Enlarged Water Play Area - Colored Concrete Layout
Scale: 1"=10'-0"

Colored Concrete Legend:

westcoat.
SPECIALTY COATING SYSTEMS
Fast Stain SC-36

 Pink (365)  White (330)  Purple (334)  Reddy Green (344)  Royal Blue (347)



Enlarged Water Play Area Component Plan
Scale: 1"=10'-0"

General Notes (Components and Piping):

- ALL WATER PLAY COMPONENTS TO BE DIRECT BURIAL. REF. DETAIL SHEET A13
 - INDIVIDUAL SHUT OFF VALVES TO BE INSTALLED UPSTREAM OF SOLENOID VALVES TO ALLOW FOR REPAIR WITHOUT SHUTTING DOWN THE ENTIRE SYSTEM.
 - INSTALL DRAIN DOWN TEES AND BALL VALVES (SCHEDULE 80) FOR WINTER DRAIN DOWN.
 - ALL PIPING TO BE SCHEDULE 80 PVC SUBTERRANEAN VAULT. REF. PLAN ON SHEET A11 AND DETAIL SHEET A12. WATER PLAY CONTROLLER LOCATED ABOVE GRADE ADJACENT TO VAULT.
- NOTE: PROVIDE AN ELECTRICAL DISCONNECT WITHIN THE CONTROL PANEL.

Water Play Component List:

	PRODUCT CODE	QTY
A	Ground Geyser VOR-301	4
B	Water Tunnel No2 VOR-309	1
C	Bollard Activator No3 VOR-611	1
D	Playsafe Drain No1 VOR-1001-4000	3
E	Sunrise Nozzle VOR-22166	1
F	Jet Stream VOR-7512	3
G	Leaf No2 VOR-7657	1
H	Spidey Spray No2 VOR-7674	1
I	Silhouette No1 VOR-7772	1
J	Seaweed No2 VOR-7789	2
K	Seaweed No3 VOR-7781	1
L	Cattail Twirl VOR-7782	1

Key Notes:

- LEOPARD FROG: PRE-CAST CONCRETE SCULPTURE, PART # 14501, MANUFACTURED BY UPC PARKS (www.upcparks.com). FINISH TO BE STANDARD COLORED STAIN FINISH BY MANUFACTURER. PRE-DRILL PRE-CAST CONCRETE AS REQUIRED TO INSTALL NOZZLE AND SUPPLY LINE BY WATER PLAY COMPONENT MANUFACTURER. SPRAY NOZZLE TO SQUIRT WATER OUT TOP OF SHELL (CENTER OF SHELL) REF NOZZLE TYPE BELOW BY WATER PLAY COMPONENT MANUFACTURER.
- BOX TURTLE: PRE-CAST CONCRETE SCULPTURE, PART # 14505, MANUFACTURED BY UPC PARKS (www.upcparks.com). FINISH TO BE STANDARD COLORED STAIN FINISH BY MANUFACTURER. PRE-DRILL PRE-CAST CONCRETE AS REQUIRED TO INSTALL NOZZLE AND SUPPLY LINE BY WATER PLAY COMPONENT MANUFACTURER. SPRAY NOZZLE TO SQUIRT WATER OUT OF TURTLES MOUTH. REF NOZZLE TYPE BELOW BY WATER PLAY COMPONENT MANUFACTURER.
- MAMA FLOATING FROG: PRE-CAST CONCRETE SCULPTURE, PART # 14502, MANUFACTURED BY UPC PARKS (www.upcparks.com). FINISH TO BE STANDARD COLORED STAIN FINISH BY MANUFACTURER. PRE-DRILL PRE-CAST CONCRETE AS REQUIRED TO INSTALL NOZZLE AND SUPPLY LINE BY WATER PLAY COMPONENT MANUFACTURER. SPRAY NOZZLE TO SQUIRT WATER OUT OF FROGS MOUTH. REF NOZZLE TYPE BELOW BY WATER PLAY COMPONENT MANUFACTURER.
- BABY FLOATING FROG: PRE-CAST CONCRETE SCULPTURE, PART # 14501, MANUFACTURED BY UPC PARKS (www.upcparks.com). FINISH TO BE STANDARD COLORED STAIN FINISH BY MANUFACTURER. PRE-DRILL PRE-CAST CONCRETE AS REQUIRED TO INSTALL NOZZLE AND SUPPLY LINE BY WATER PLAY COMPONENT MANUFACTURER. SPRAY NOZZLE TO SQUIRT WATER OUT OF FROGS MOUTH. REF NOZZLE TYPE BELOW BY WATER PLAY COMPONENT MANUFACTURER.

NOTE: ALL PRE-CAST CONCRETE SCULPTURAL PIECES TO BE PRE-SET (LOCATED) PRIOR TO SURROUNDING CONCRETE POUR. COORDINATE FINAL LOCATIONS WITH CLV REPRESENTATIVE.

REVIEWED FOR CODE COMPLIANCE
SEP 07 2016 GG
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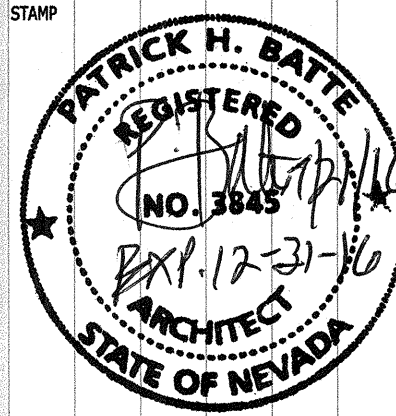
REVISIONS

CONSULTANT

Dexter Park Renovation

Enlarged Water Play Area - Plan, Notes,
Spray Toy Schedule

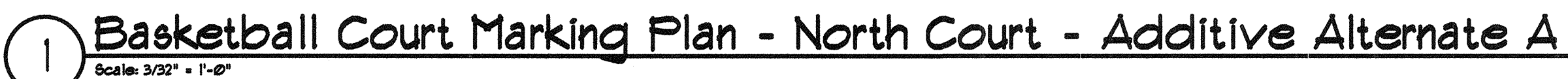
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3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

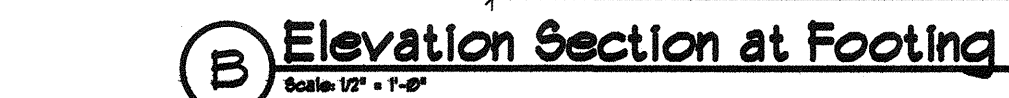
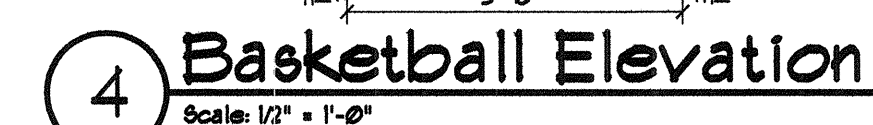
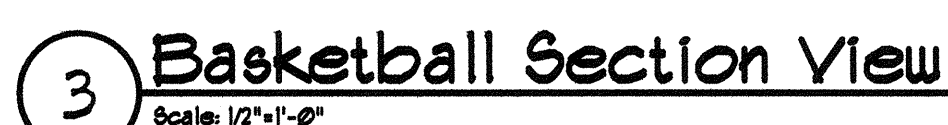
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HANGEN NO: 54979
SHT NO: A1.1



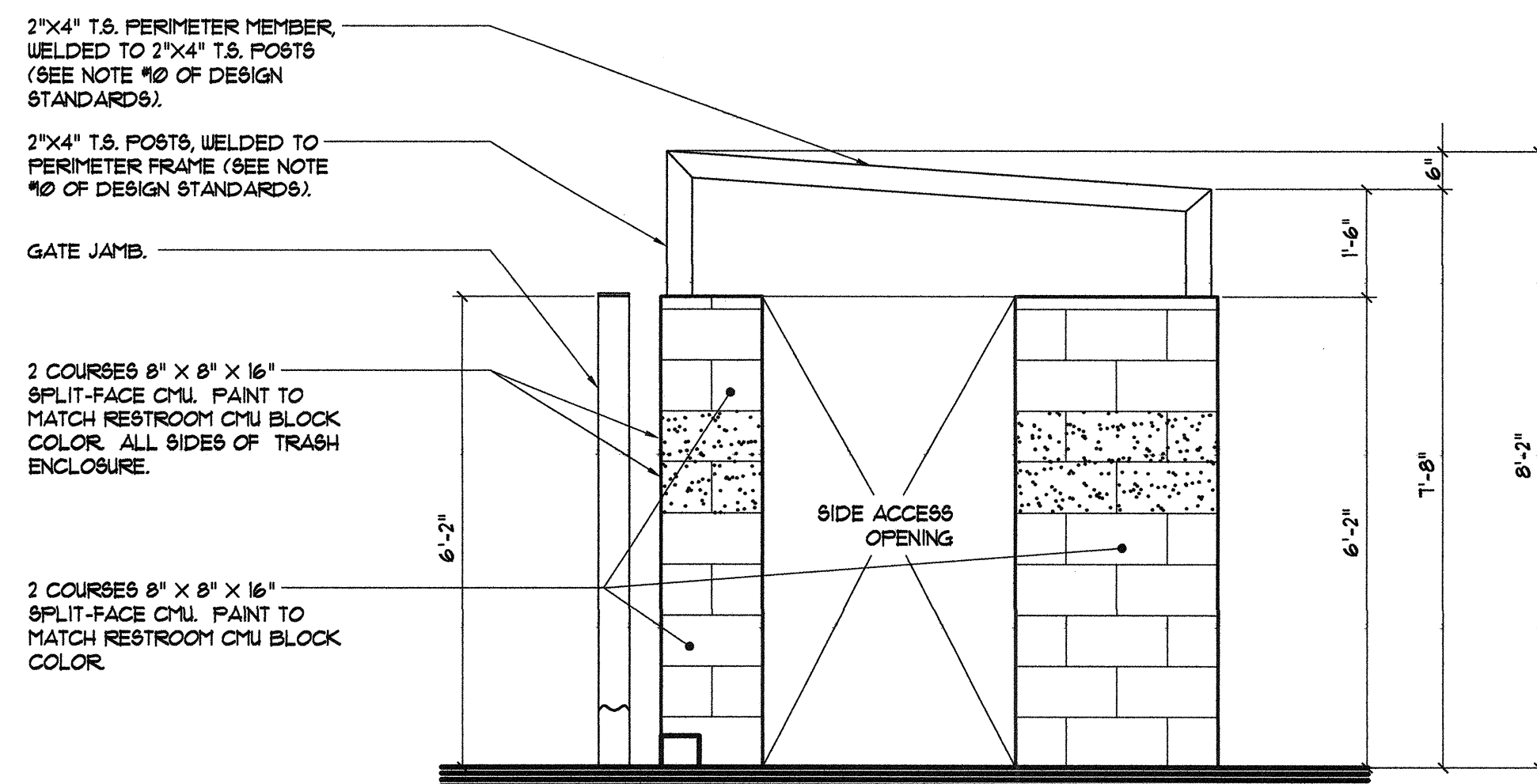
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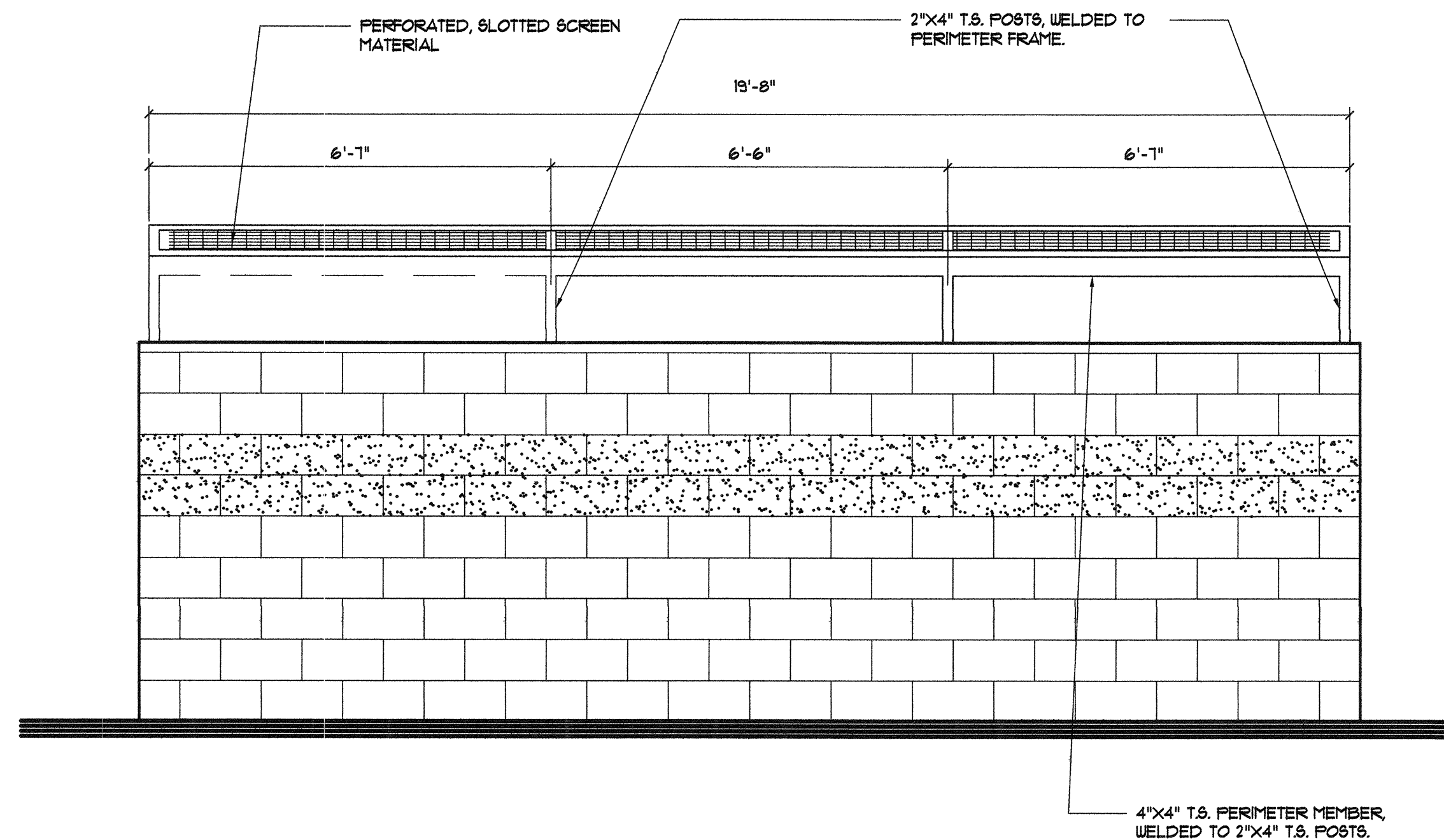
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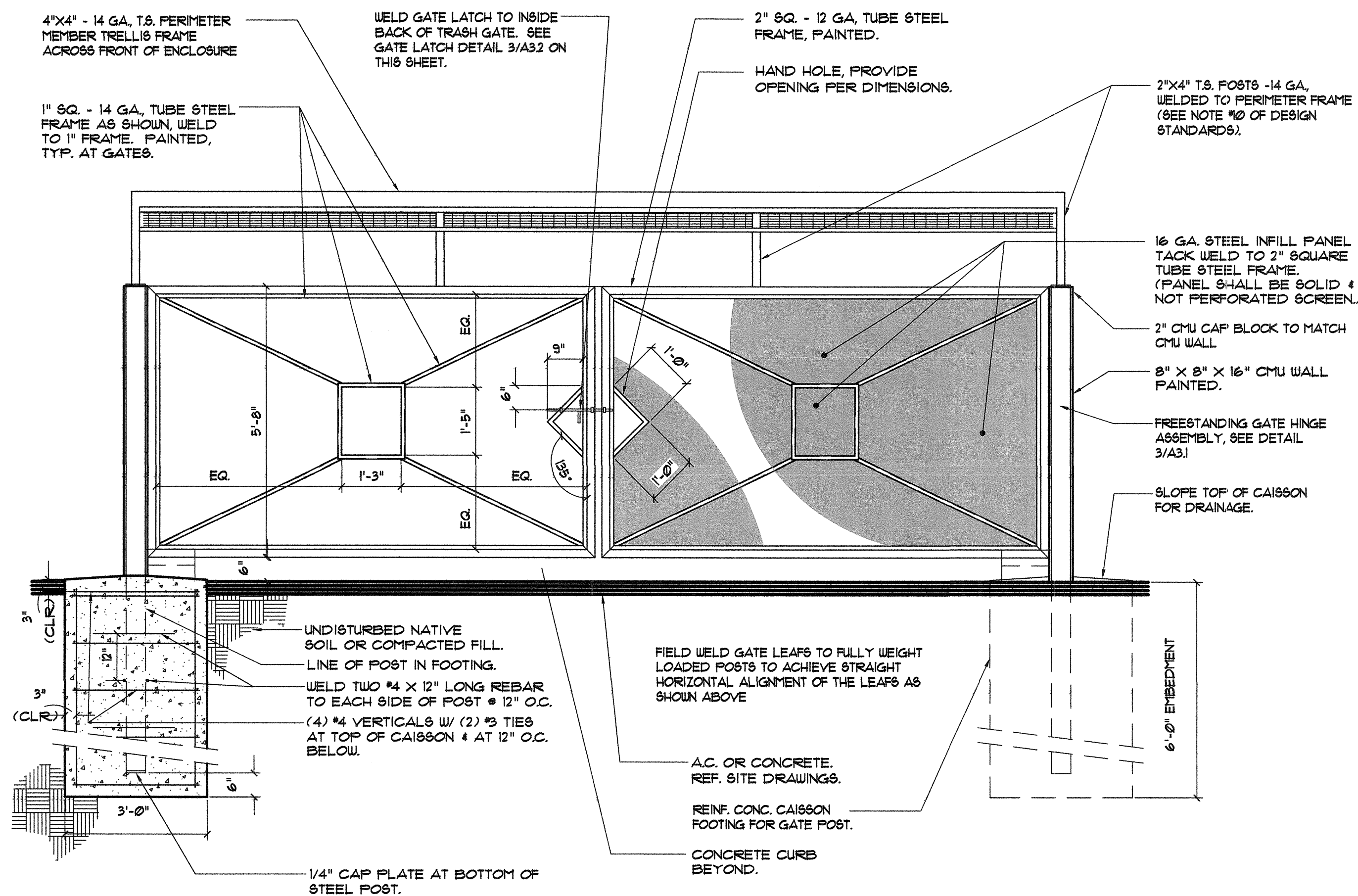
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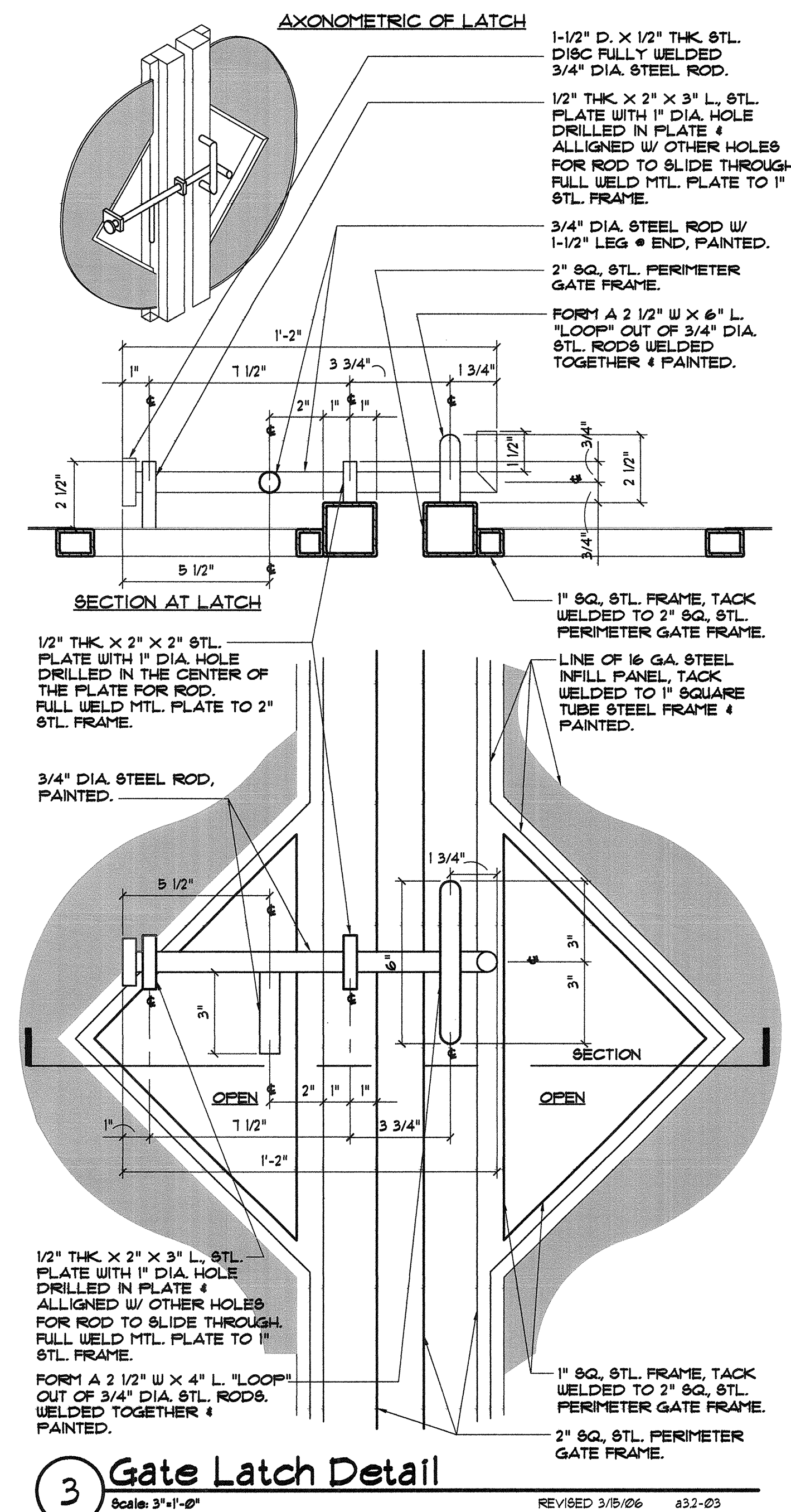
1 Trash Enclosure - Side Elevation
Scale: 1/2"=1'-0"
LAST REVISED 3/21/06



2 Trash Enclosure - Rear Elevation
Scale: 1/2"=1'-0"
LAST REVISED 4/15/14



3 Trash Enclosure - Front Elevation
Scale: 1/2"=1'-0"
LAST REVISED 4/15/14



Trash Enclosure Finishes:

CMU: (ALL EXPOSED SURFACES) - PAINT EP-1. PAINT TO MATCH EXISTING RESTROOM CMU

METAL: (ALL EXPOSED SURFACES) PAINT EP-3 INCLUDING CANOPY FRAME AND TRELLIS, GATES, BOLLARDS AND HARDWARE: COLOR D6204 "TRUE WHITE" MANUFACTURED BY DUNN EDWARDS

REVIEWED FOR CODE COMPLIANCE

SEP 07 2016 GG

CITY OF LAS VEGAS
BUILDING AND SAFETY

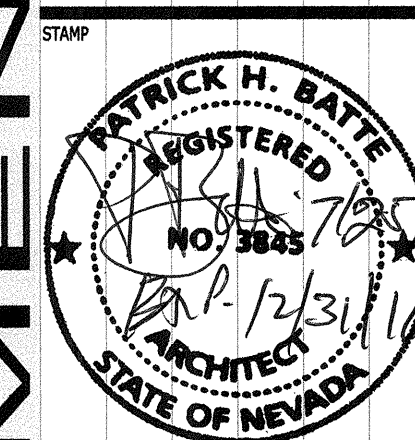


REVISIONS	DATE	BY	APP'D

CONSULTANT

Dexter Park Renovation

Trash Enclosure - Elevations, Gate Detail

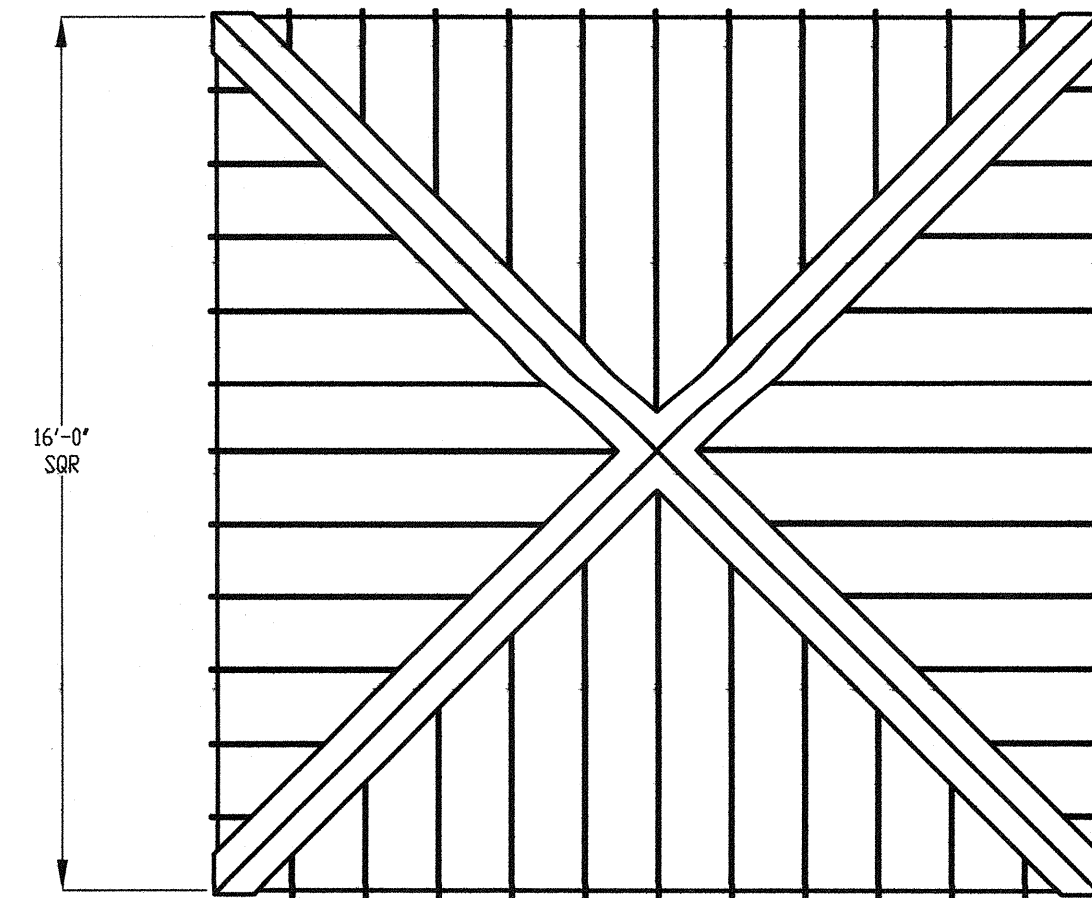


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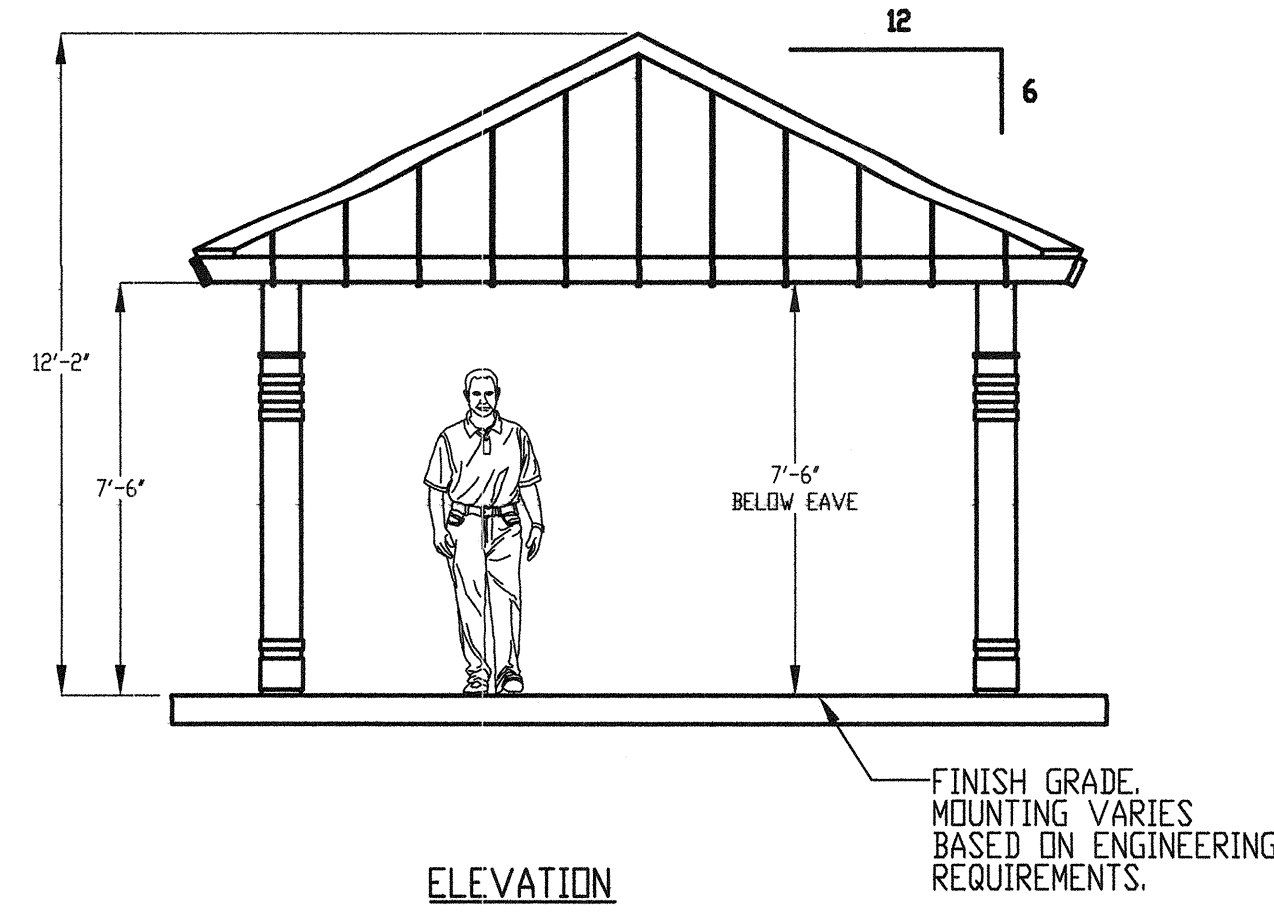
DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 529-6276
FAX: (702) 384-4846

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FILE	dpr11a32-trash enclosure
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HANGEN NO	54979
SHT NO	

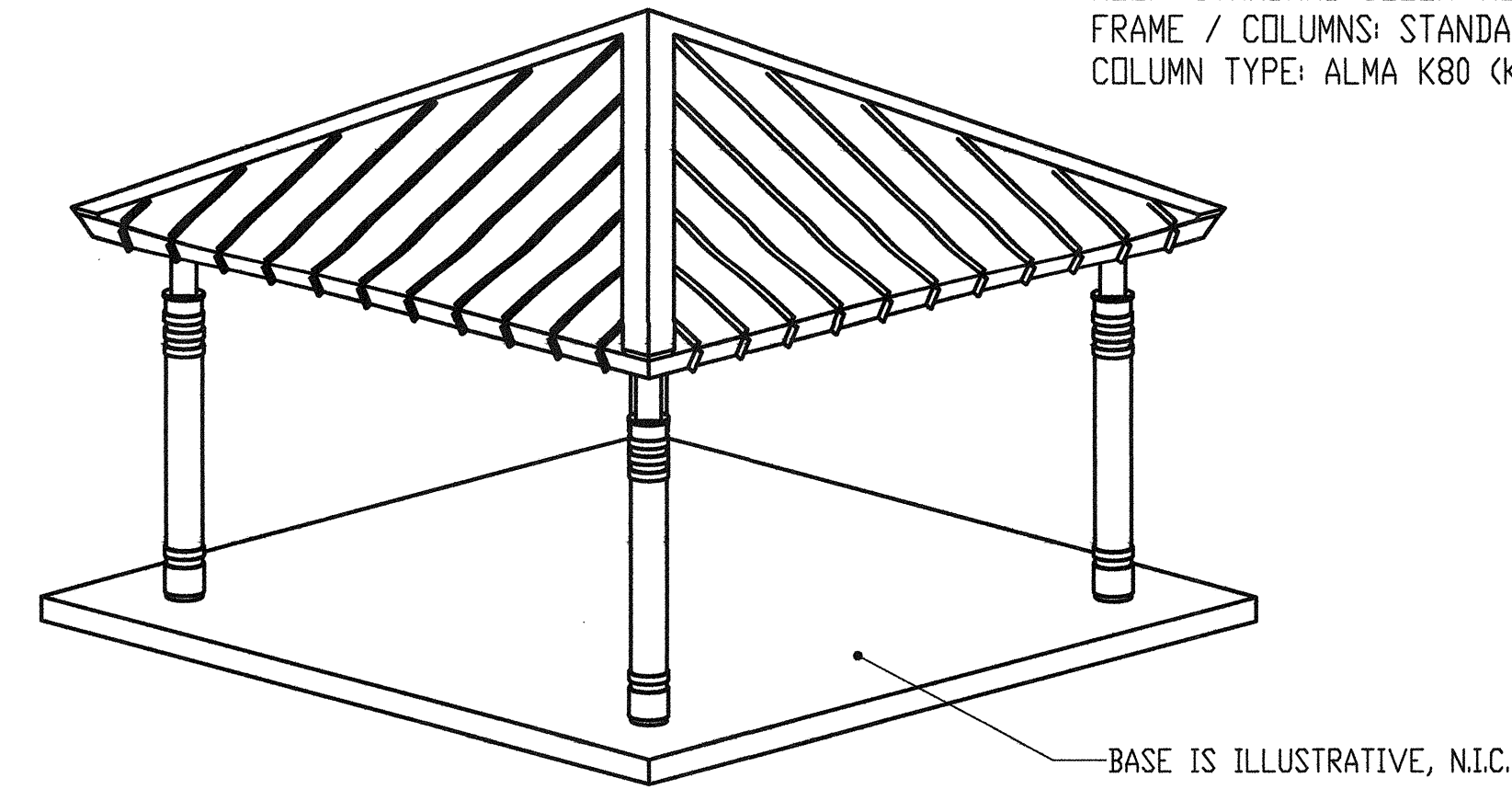
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TOP VIEW



ELEVATION



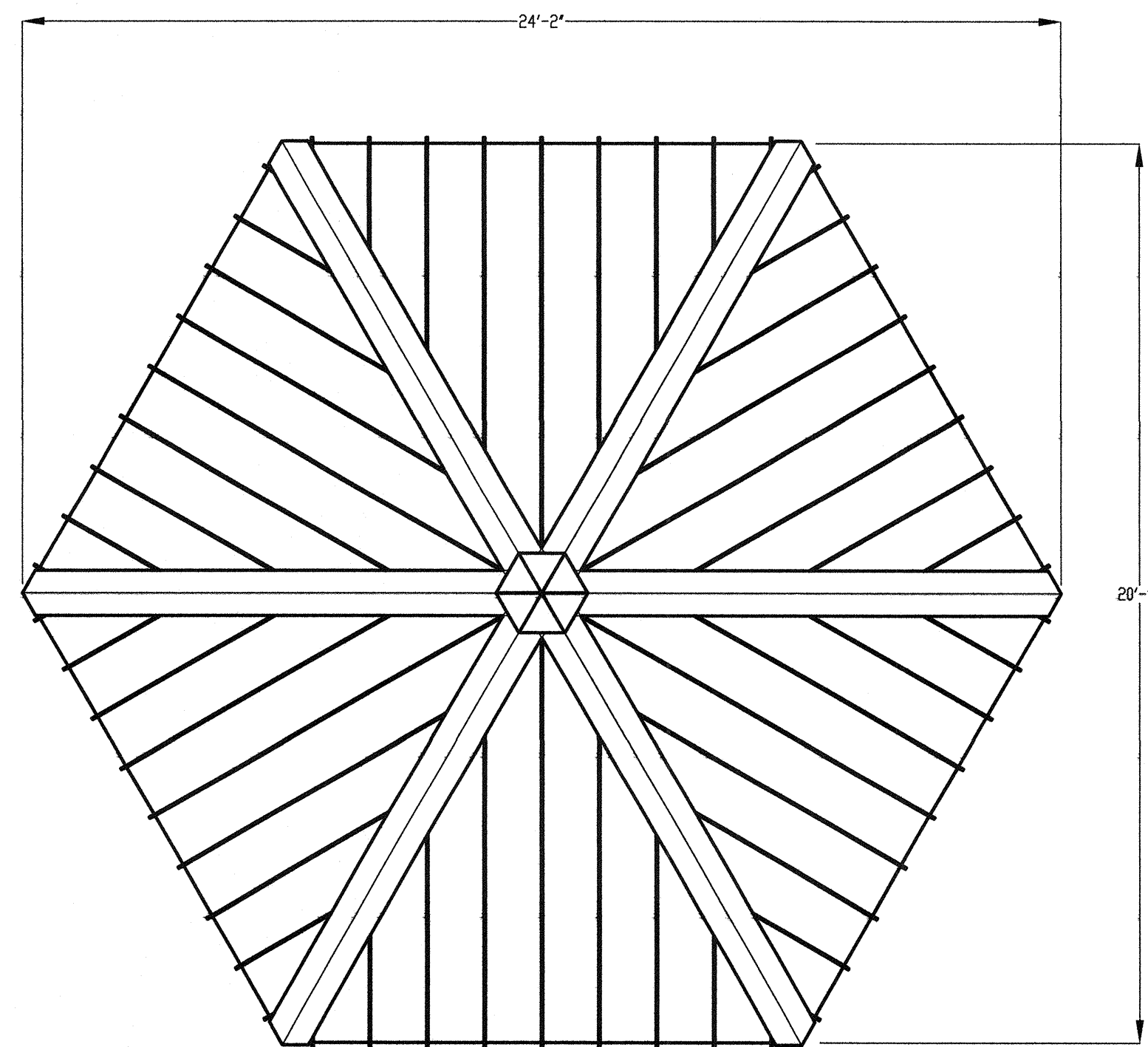
AUXILIARY VIEW

GENERAL NOTES:

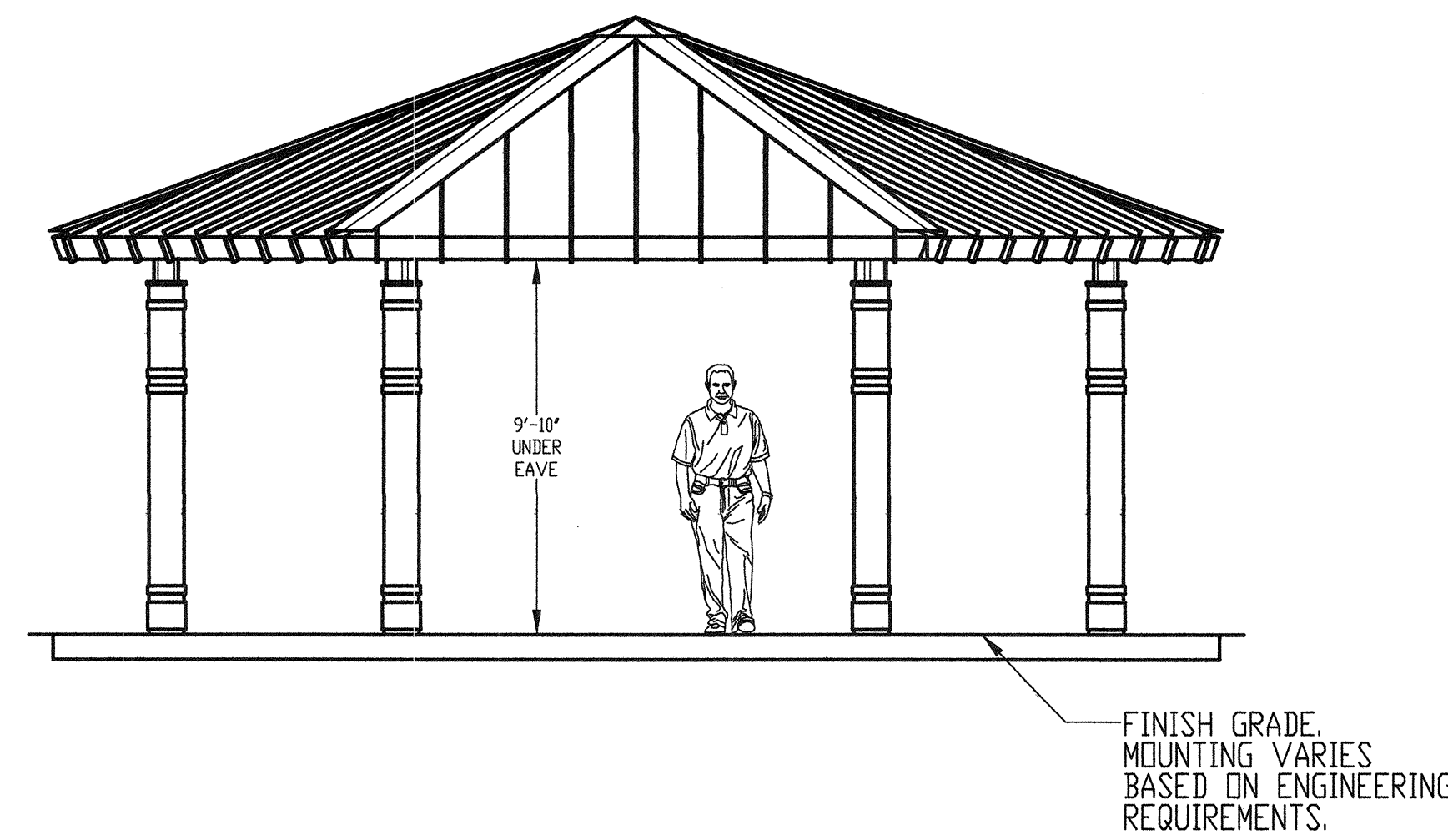
- METAL ROOFING: STANDING SEAM WITH TURN DOWN EVE
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
- FINISH COLORS:
 - ROOF: STANDARD COLOR: ROMAN BLUE
 - FRAME / COLUMNS: STANDARD COLOR: ALMOND
 - COLUMN TYPE: ALMA K80 (K8006)

1 16' Square Shade Shelter - Basis of Design (Manufactured by: Poligon SQR-16-SS-K8006)

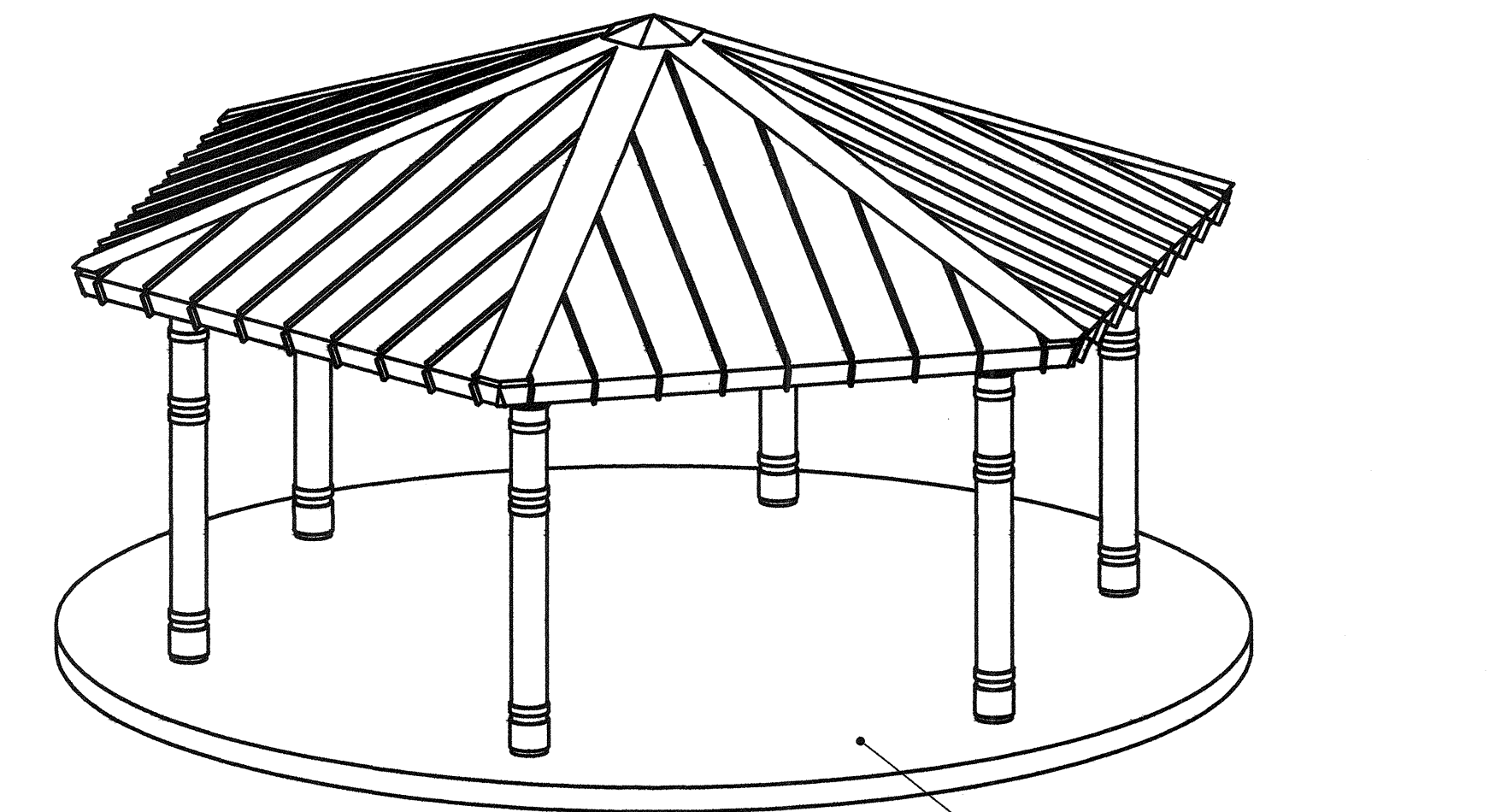
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TOP VIEW



ELEVATION



AUXILIARY VIEW

GENERAL NOTES:

- METAL ROOFING: STANDING SEAM WITH TURN DOWN EVE
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
- FINISH COLORS:
 - ROOF: STANDARD COLOR: ROMAN BLUE
 - FRAME / COLUMNS: STANDARD COLOR: ALMOND
 - COLUMN TYPE: ALMA K80 (K8006)

2 24" Hexagon Shade Shelter - Basis of Design (Manufactured by: Poligon HXE-24-SS-K8006)

Scale: Not to Scale

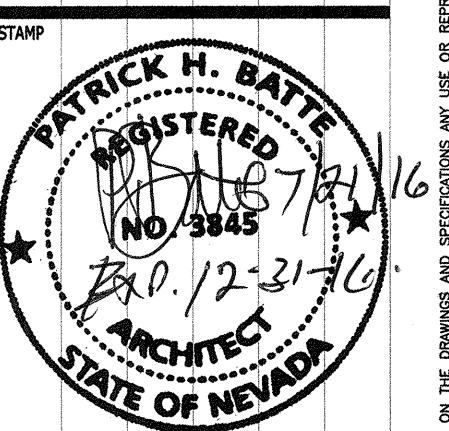


REVISIONS	DATE	DESCRIPTION

CONSULTANT

Dexter Park Renovation

Shade Shelters - "Additive Alternate B"
16' Square and 24' Hexagon



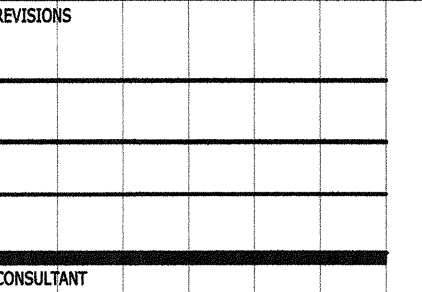
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PHONE: (702) 229-6276
FAX: (702) 384-4846

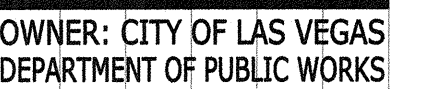
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SHT NO	

A4.1

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Signage Key Plan



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	dpr19-a5.1			
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SCALE

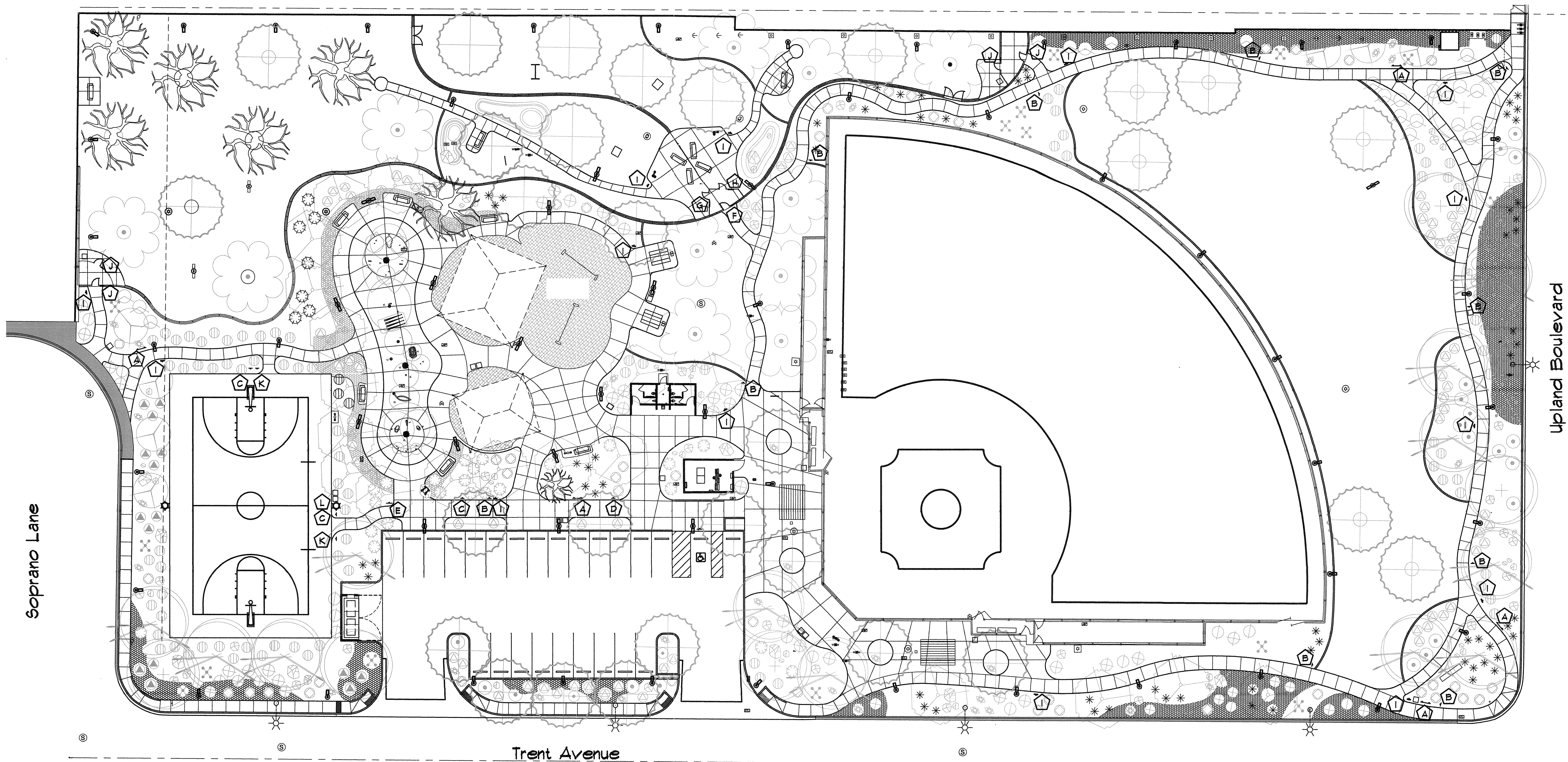
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54919

A5 1

A5.1



Signage Key Plan

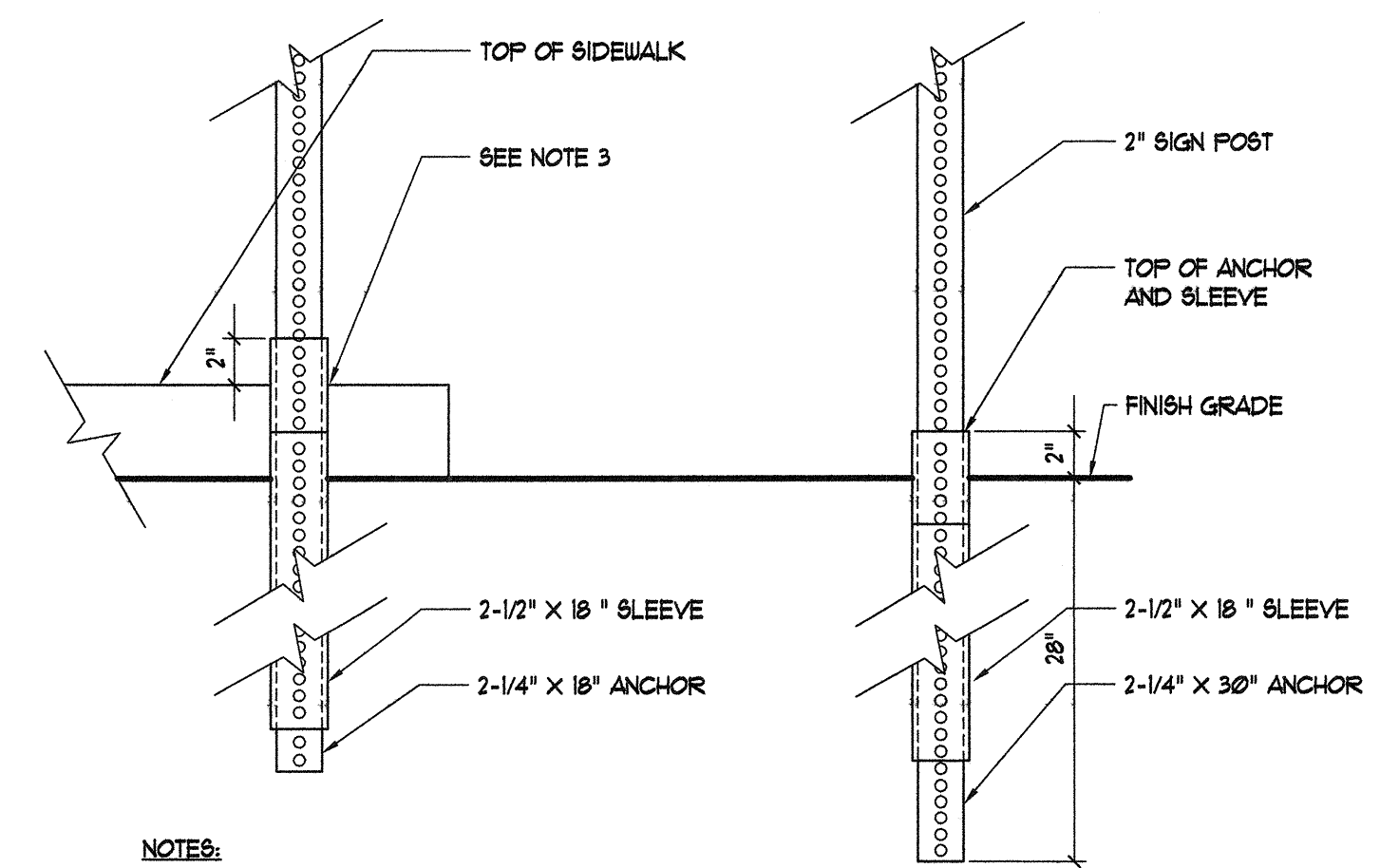
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Signage Specifications:

1. ALUMINUM SIGNS (2000).
2. ENGINEERED WHITE SHEETING BACKGROUND.
3. SILK-SCREEN APPLIED COLOR OVER BACKGROUND MATERIAL. (INKS SHALL HAVE A LIGHT FASTNESS RATING OF 1-8 ON THE DIN 16925 (WOOL SCALE) OR EQUIVALENT INDUSTRY STANDARD, AND MUST BE ABLE TO WITHSTAND 315 DEGREES FAHRENHEIT (150 DEGREES CELSIUS) WITHOUT NOTICEABLE CHANGE OF PIGMENTATION. INKS SHALL BE FORMULATED USING A COMPUTER COLORIMETRY SYSTEMS AND SHALL BE MATCHED WITH A TOLERANCE OF .01 GRAMMES).
4. PROVIDE UV INHIBITORS IN COLOR.
5. PROVIDE 3M SCOTCHLITE PROTECTIVE OVERLAY FILM SERIES 1150
6. REFERENCE SIGN DRAWINGS FOR HOLE LOCATIONS
7. REFERENCE CIVIL DRAWINGS FOR ADA PARKING SIGNAGE.

Sign type Indicator:

- | | | | |
|----------|---|----------|---|
| A | PARK RULES SIGN (DOUBLE POST MOUNT) | I | DOG WALKERS SIGN (POST MOUNT). ALSO SEE DETAIL 4/A53 FOR WASTE BAG DISPENSER AT EACH POST MOUNTED SIGN LOCATION. (TYP.) |
| B | WINTER IRRIGATION SIGN (POST MOUNT) | J | EMERGENCY EXIT ONLY (FENCE MOUNT) |
| C | REPORT VANDALISM SIGN (POST MOUNT) | K | NO ROLLERBLADES - ROLLER SKATERS - SKATEBOARDS (POST MOUNT) |
| D | WALK LOOP TRAIL SIGN (POST MOUNT) | L | PUSH BUTTON SIGN (POST MOUNT, 1 @ EA. BASKETBALL COURT (BASE BID AND ADDITIVE ALTERNATE "A" ON THE POST FOR THE TIMER BUTTON.) VERIFY LOCATION WITH SPORTS COURT LIGHTING MANUFACTURER / CONTRACTOR |
| E | WATER PLAY AREA RULES SIGN (POST MOUNT) | | |
| F | DOG PARK GUIDELINES SIGN (FENCE MOUNT) | | |
| G | ALL DOG AREA SIGN (FENCE MOUNT) | | |
| H | SMALL DOG AREA SIGN (FENCE MOUNT) | | |



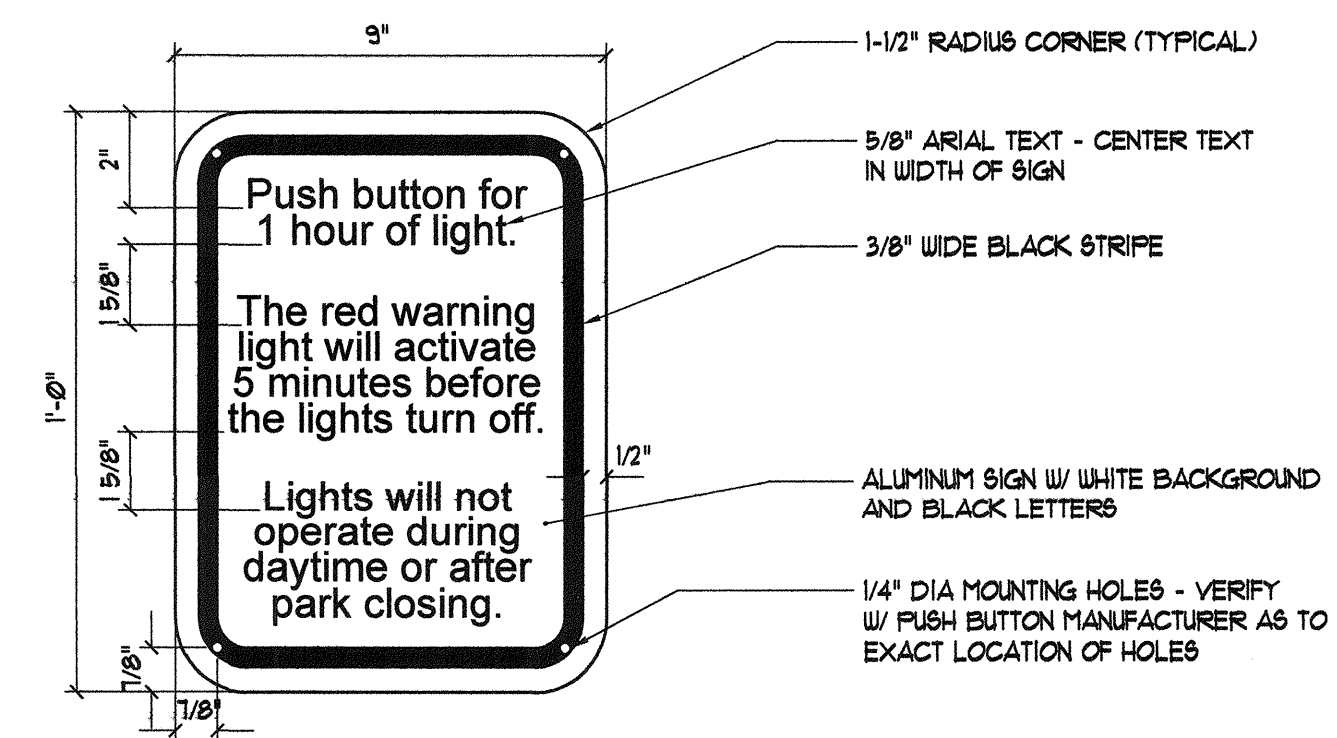
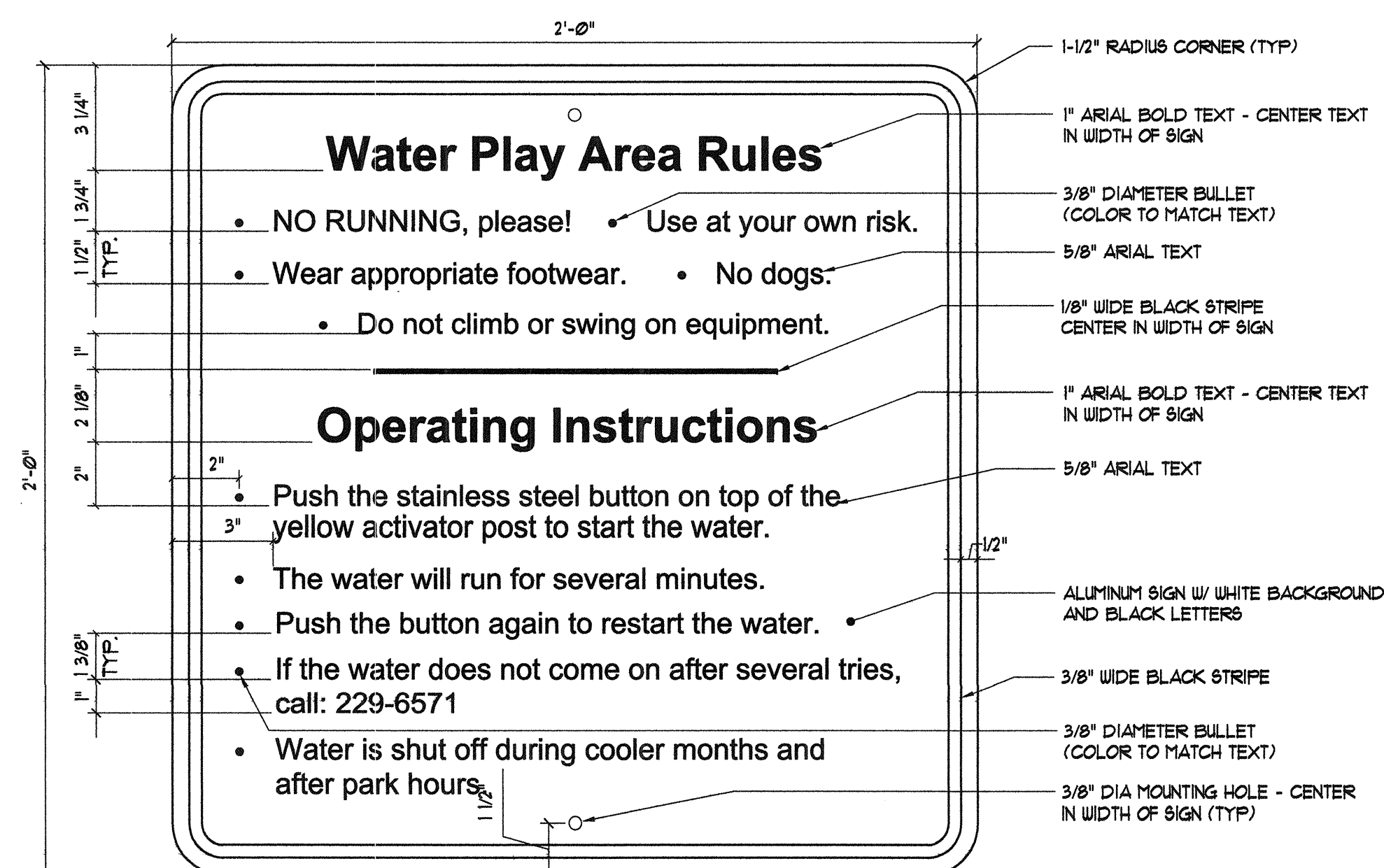
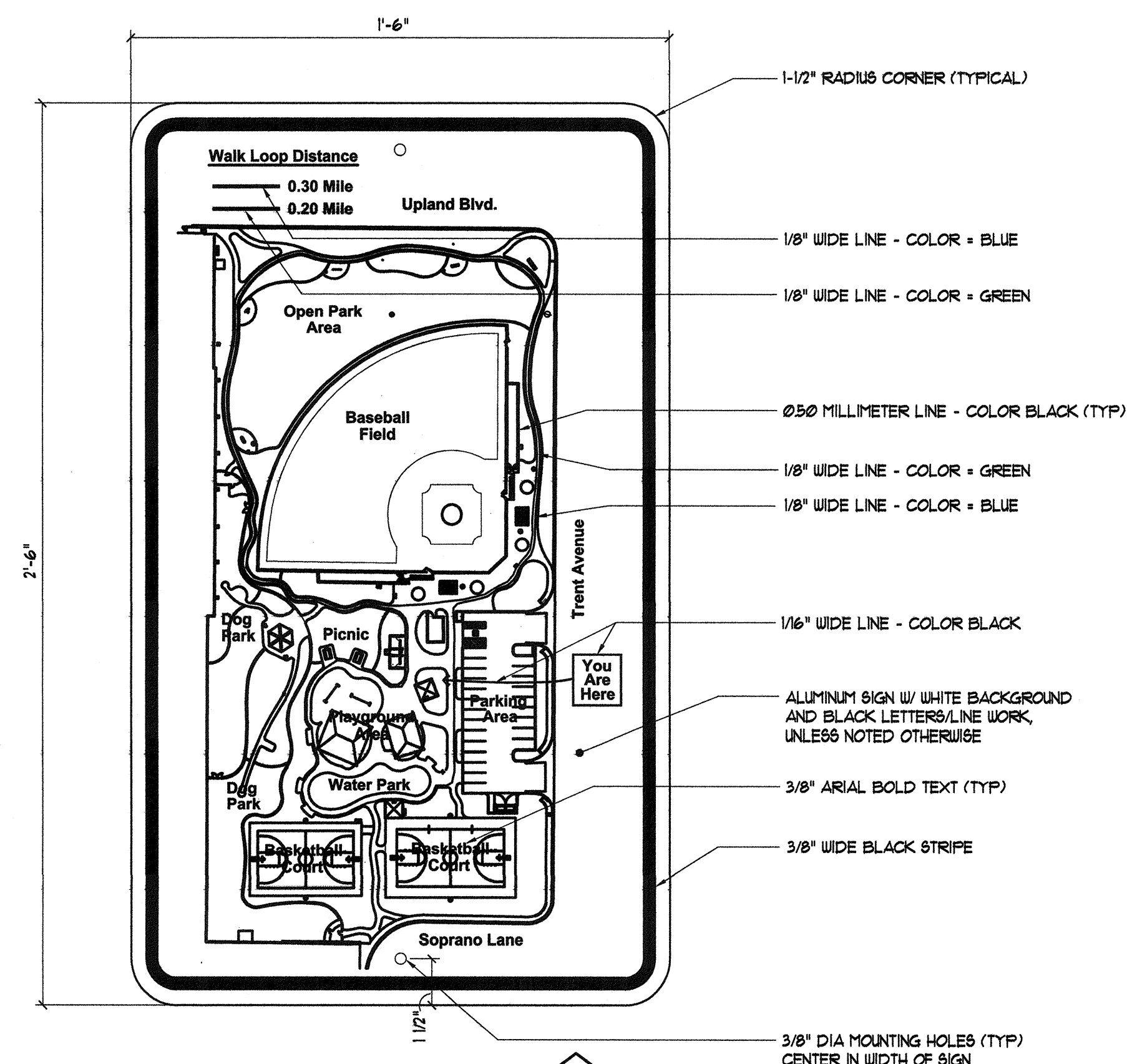
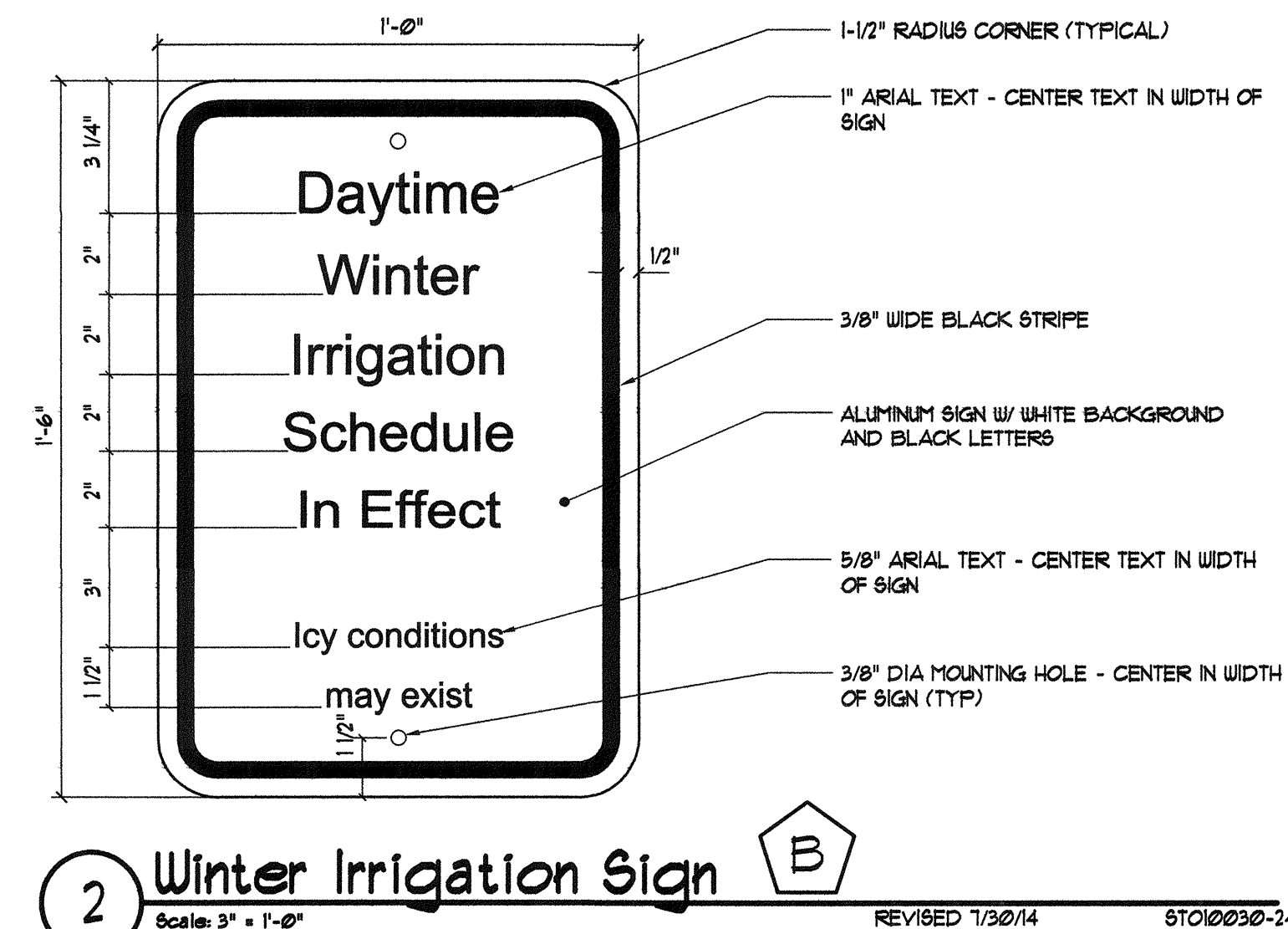
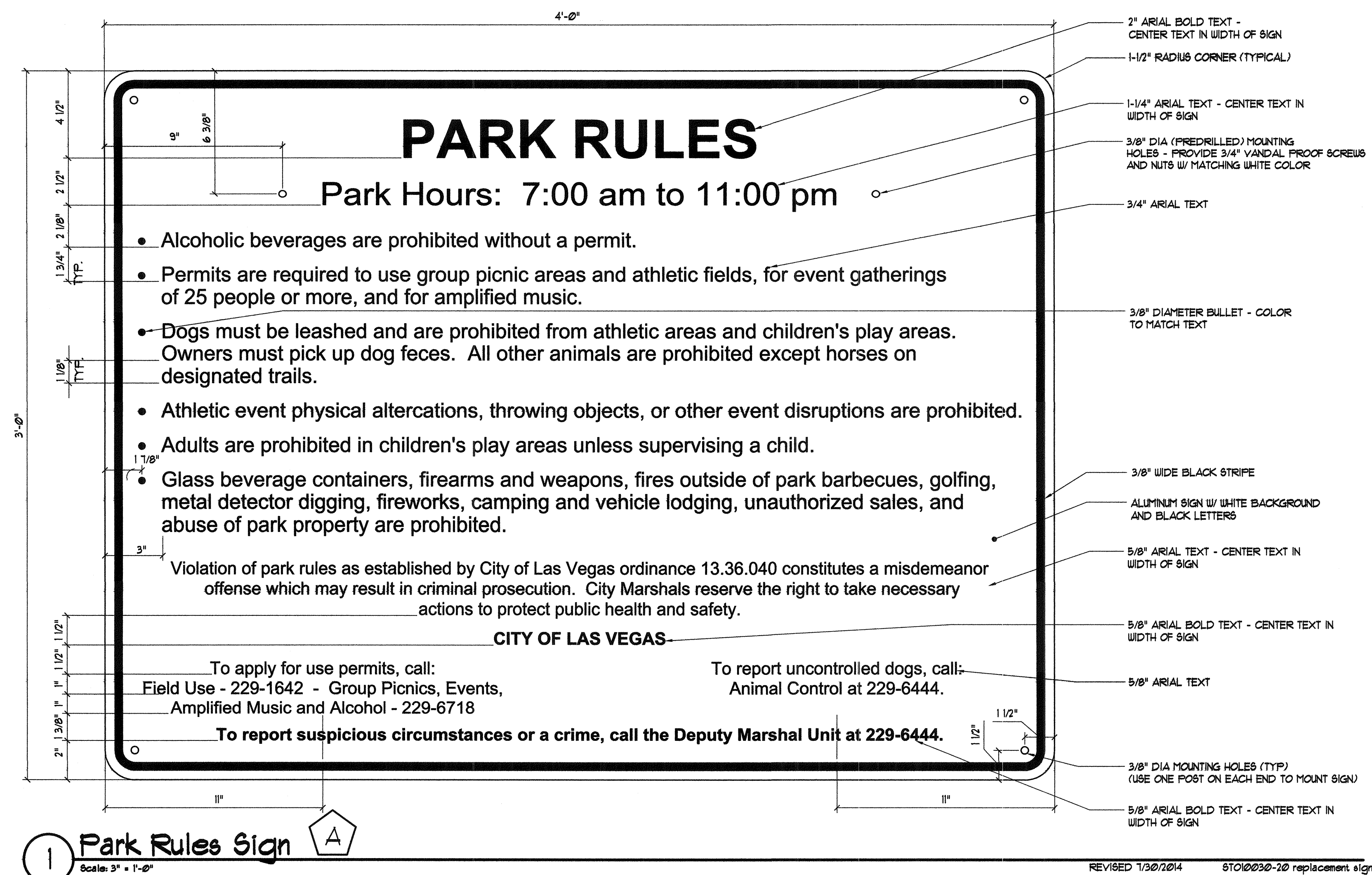
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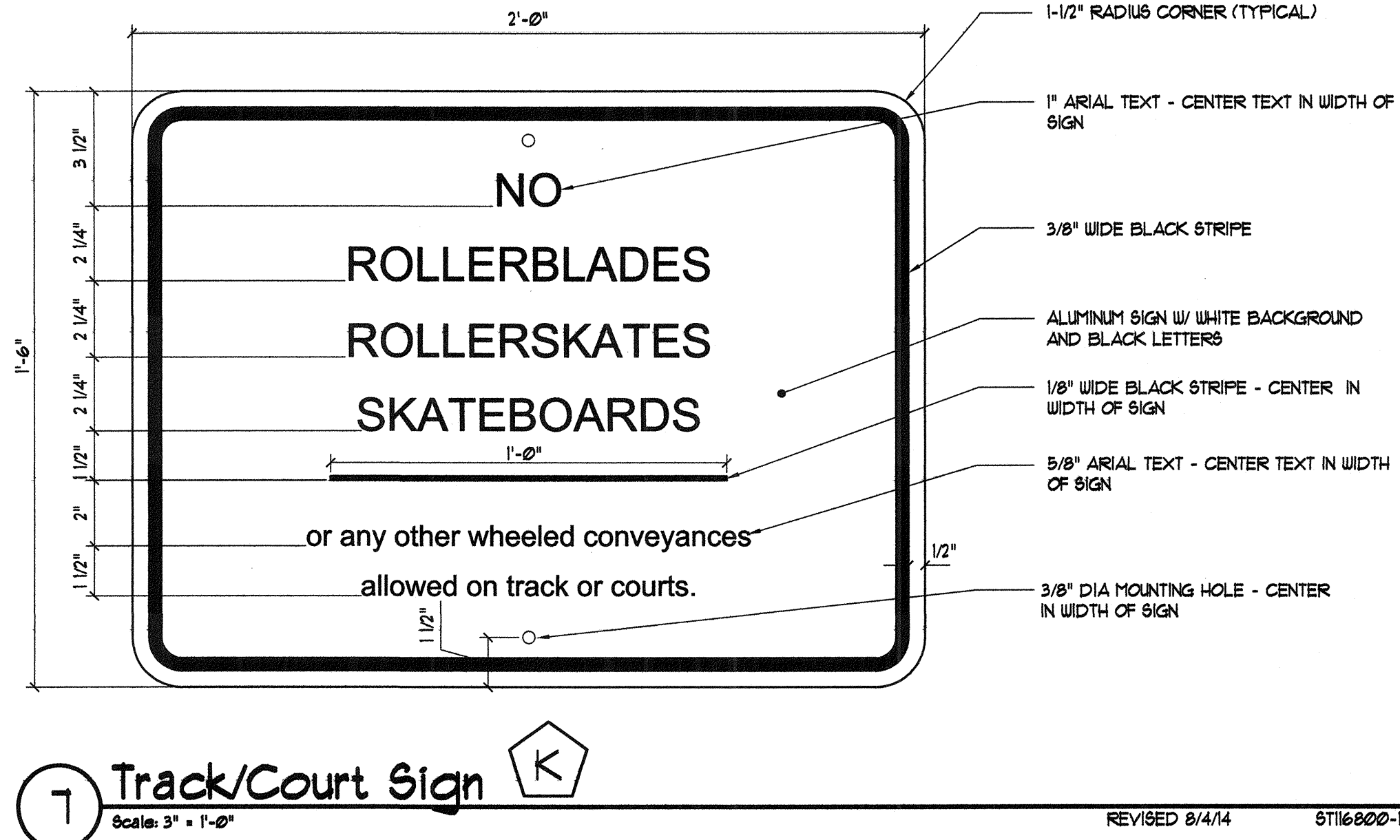
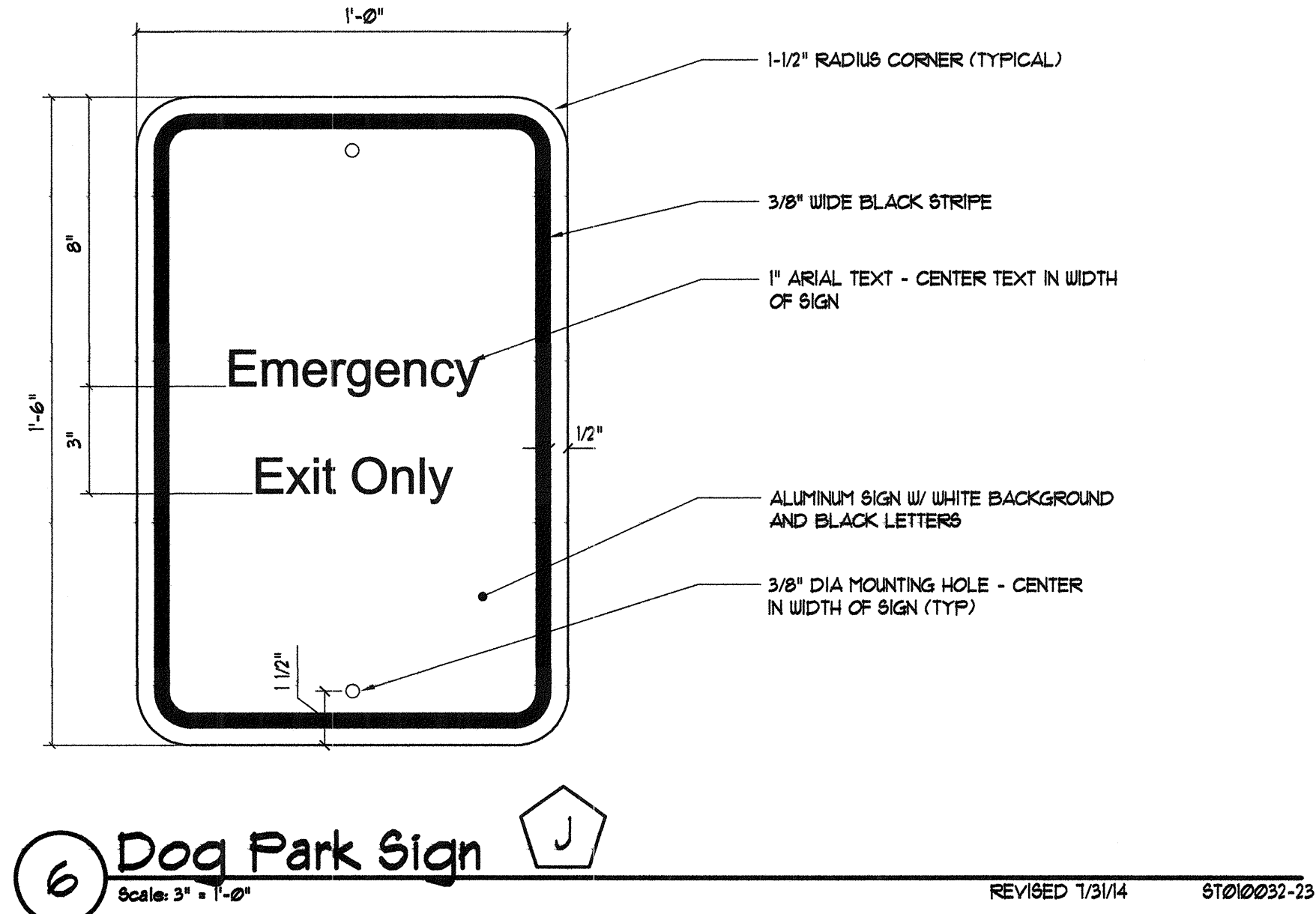
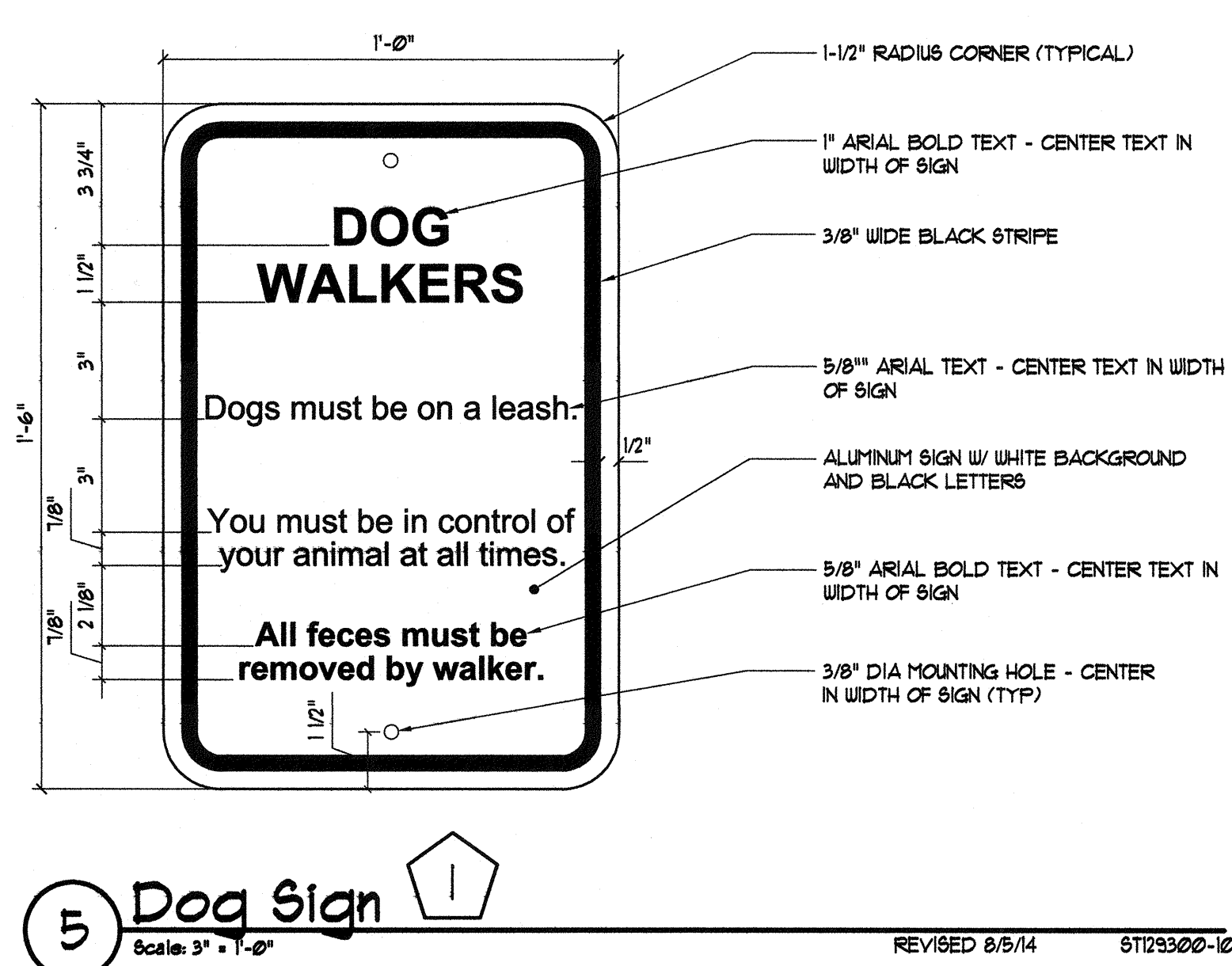
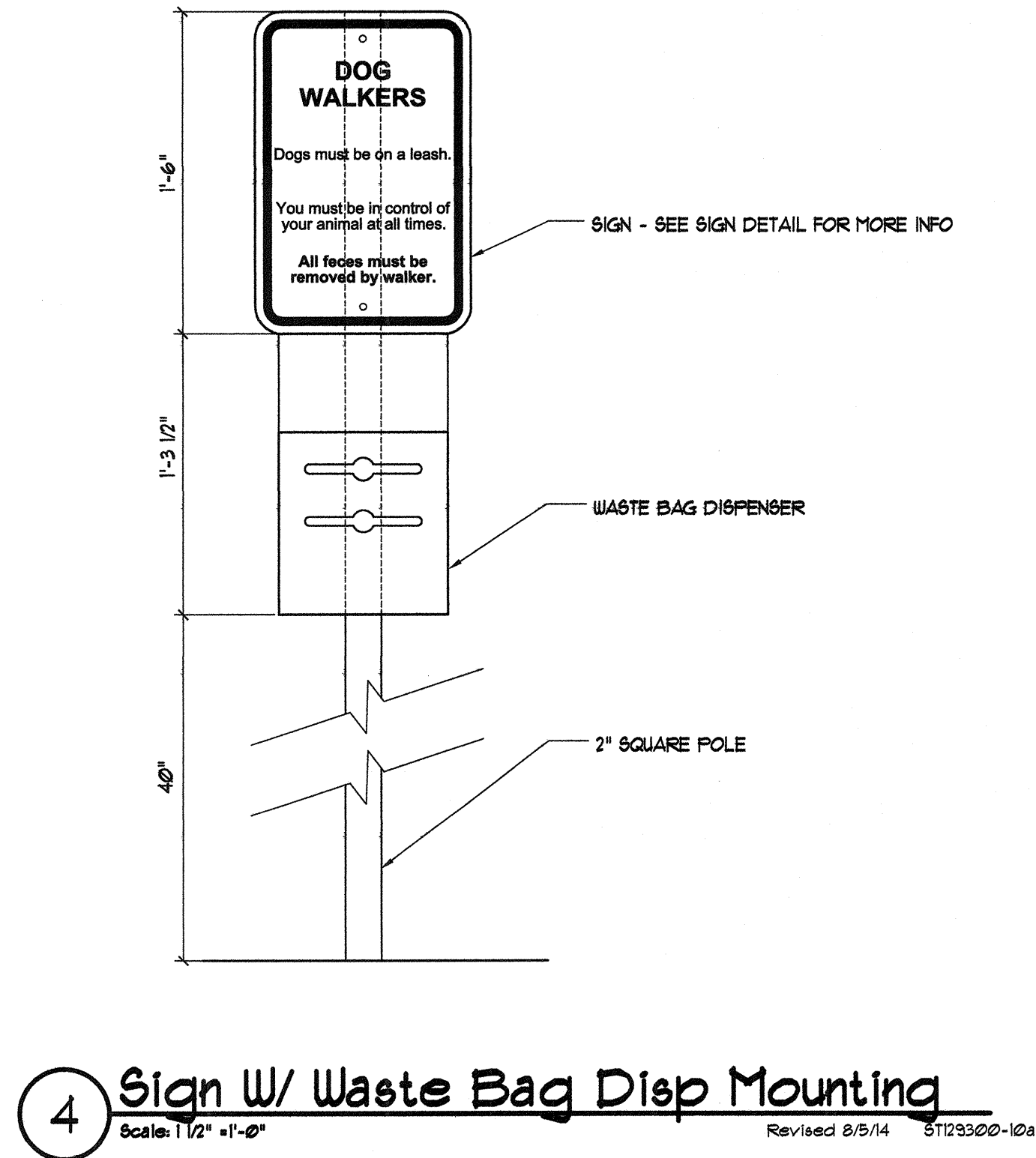
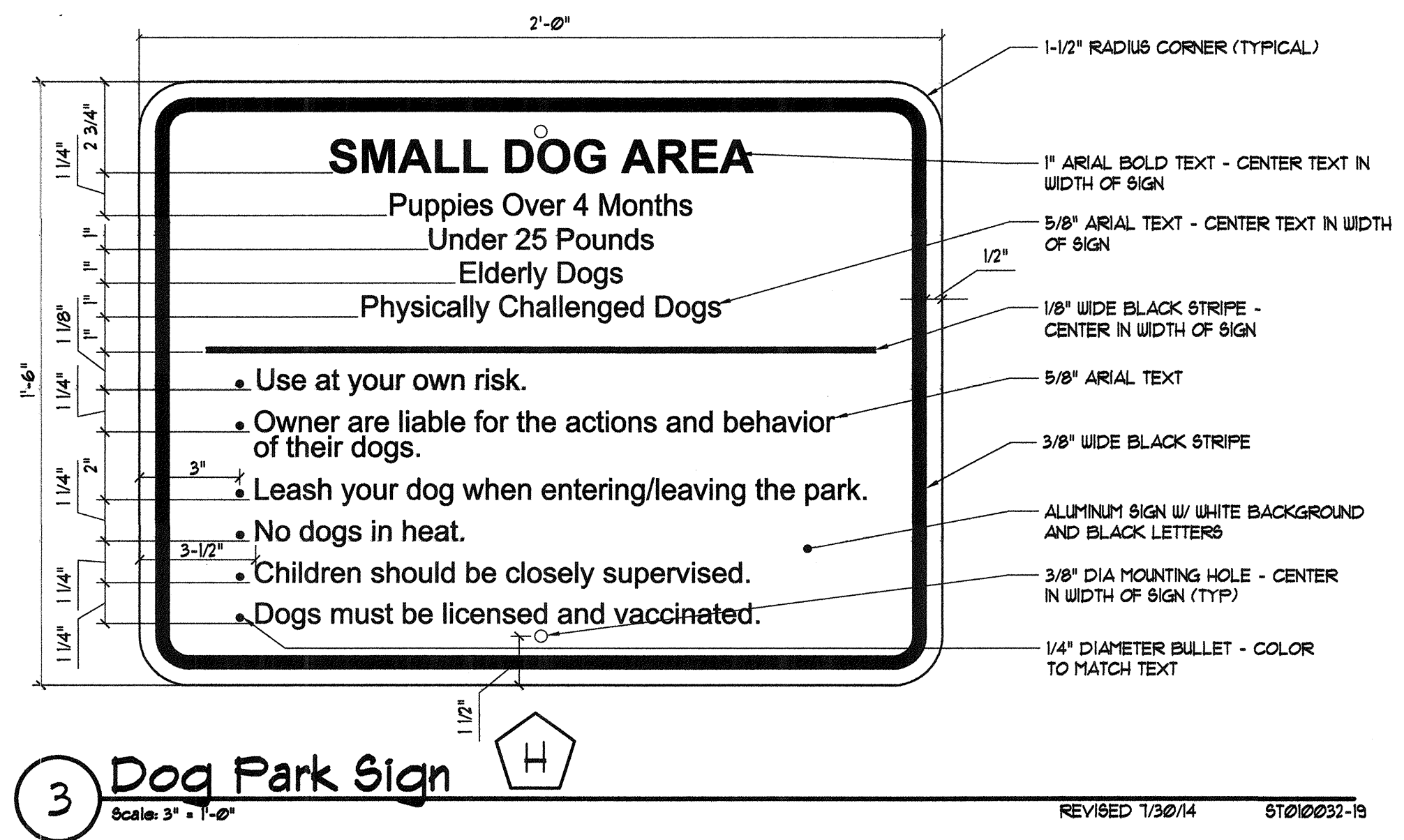
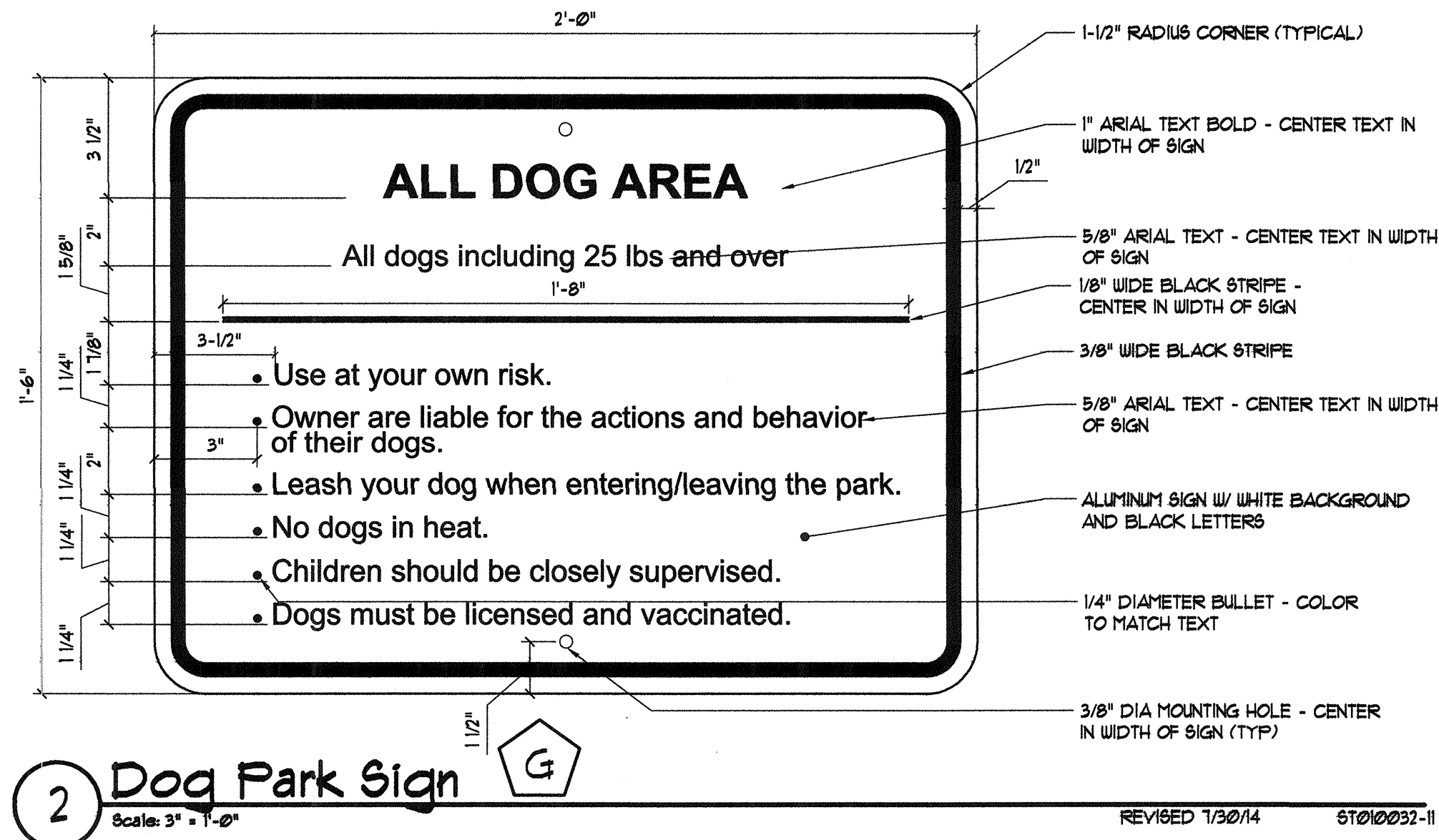
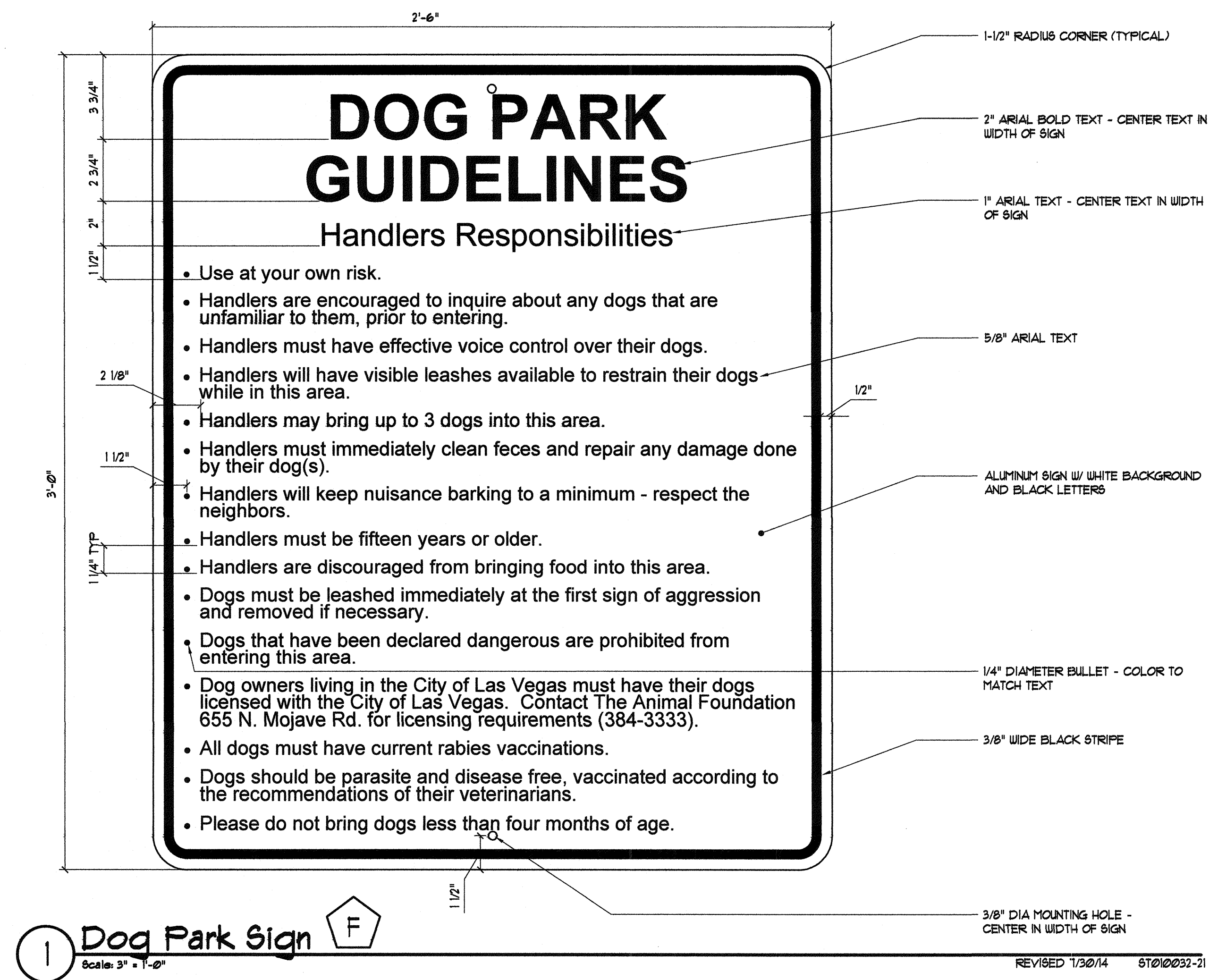
1. ALL COMPONENTS SHALL BE SQUARE POST, PERFORATED ON ALL FOUR SIDES.
2. ATTACH ANCHOR AND SLEEVE TOGETHER PRIOR TO DRIVING INTO GROUND. LEAVE AT LEAST ONE HOLE, BUT NO MORE THAN TWO, ABOVE GROUND OR ABOVE SIDEWALK.
3. FOR SIDEWALK INSTALLATION, DRILL SIDEWALK WITH A 3" HOLE, THE CENTER TO BE 6" FROM BACK OF SIDEWALK.
4. ATTACH POST TO ANCHORING SYSTEM BY USING AT LEAST TWO 3/8" DIA DRIVE RIVETS.
5. PROVIDE 4" MINIMUM LAP BETWEEN POST AND THE ANCHOR/SLEEVE ASSEMBLY.

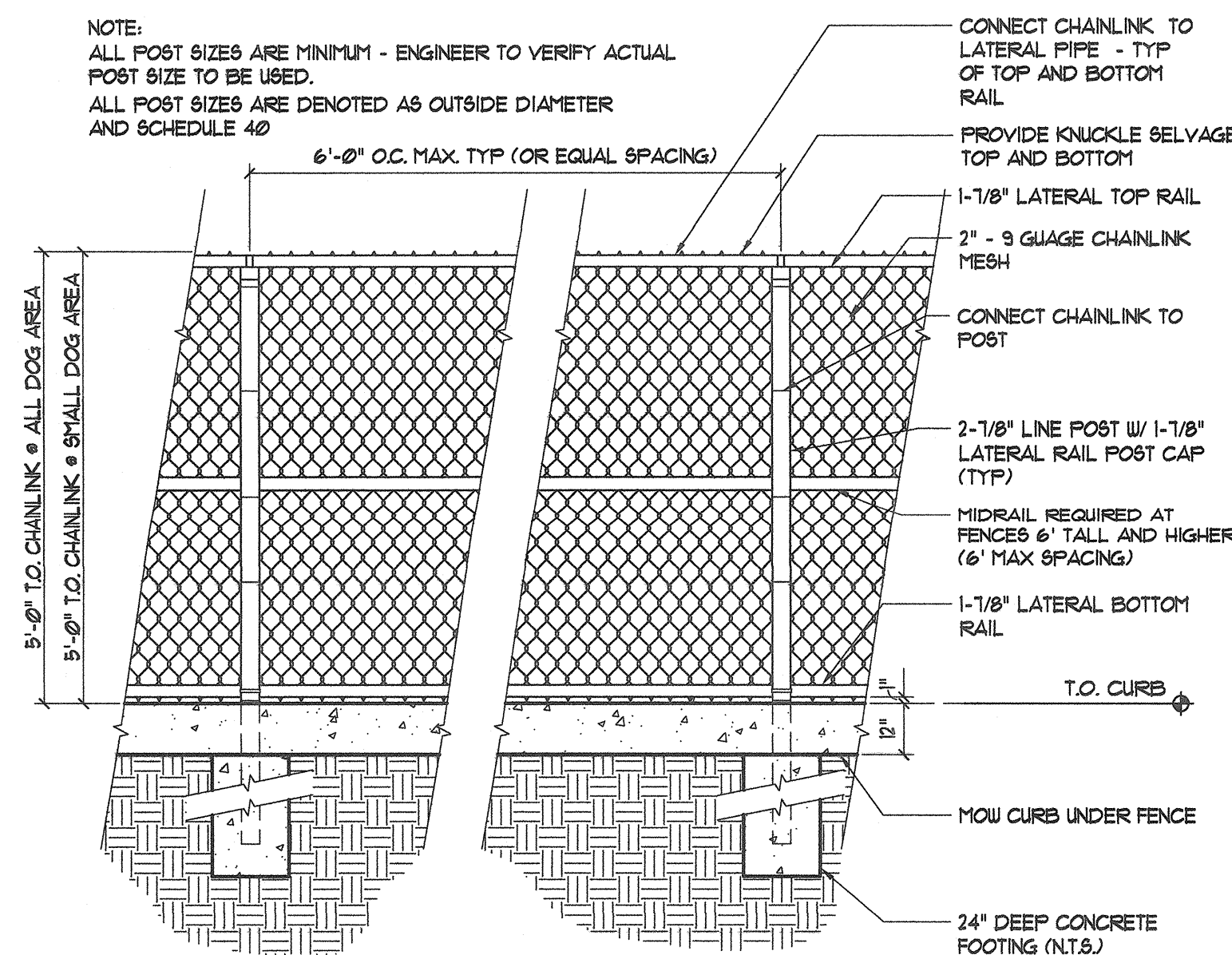
1 Sign Post Installation

Scale: $1\frac{1}{2}" = 1'-0"$

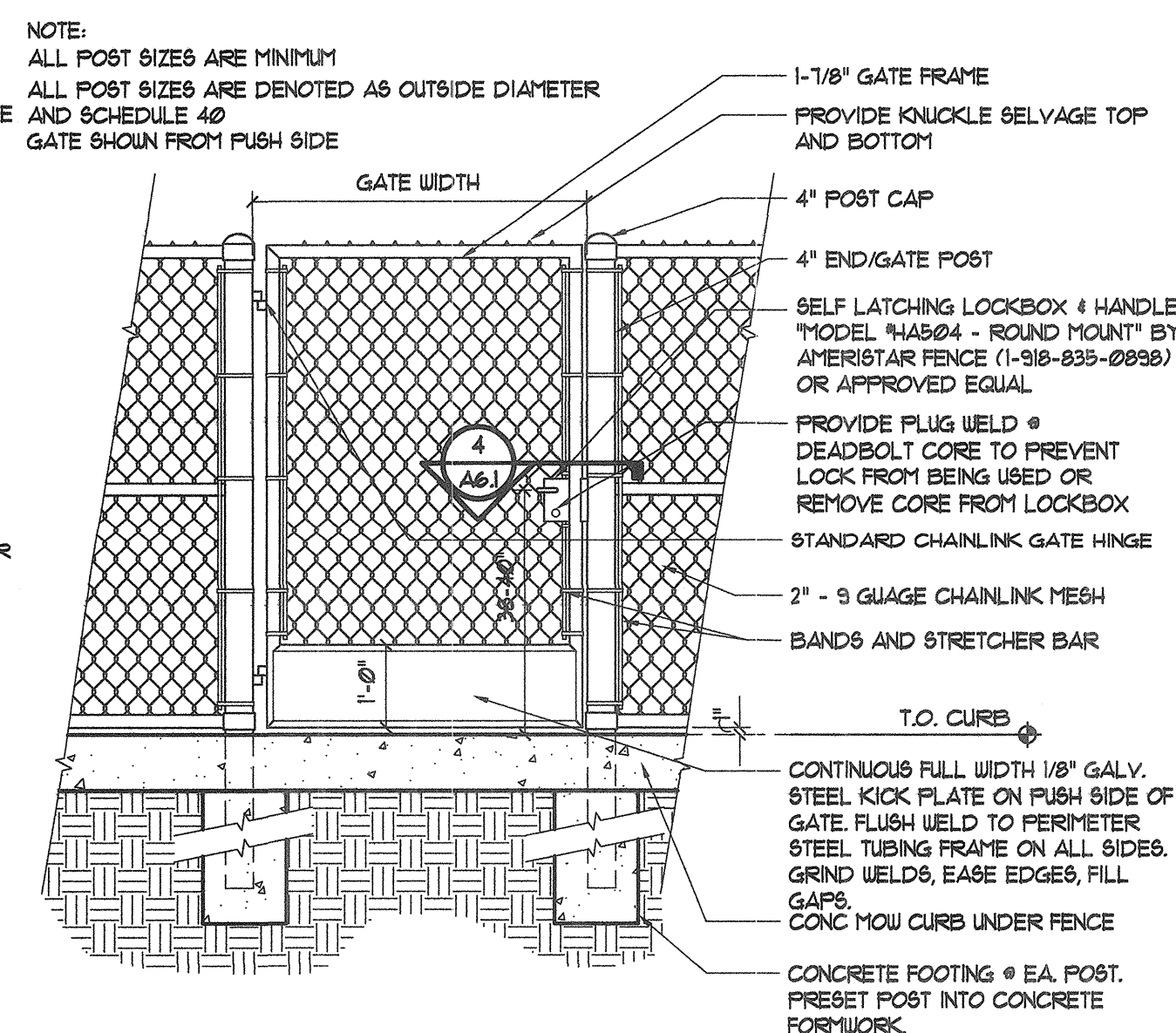
REVISÉD 7/31/14 ST101400-04



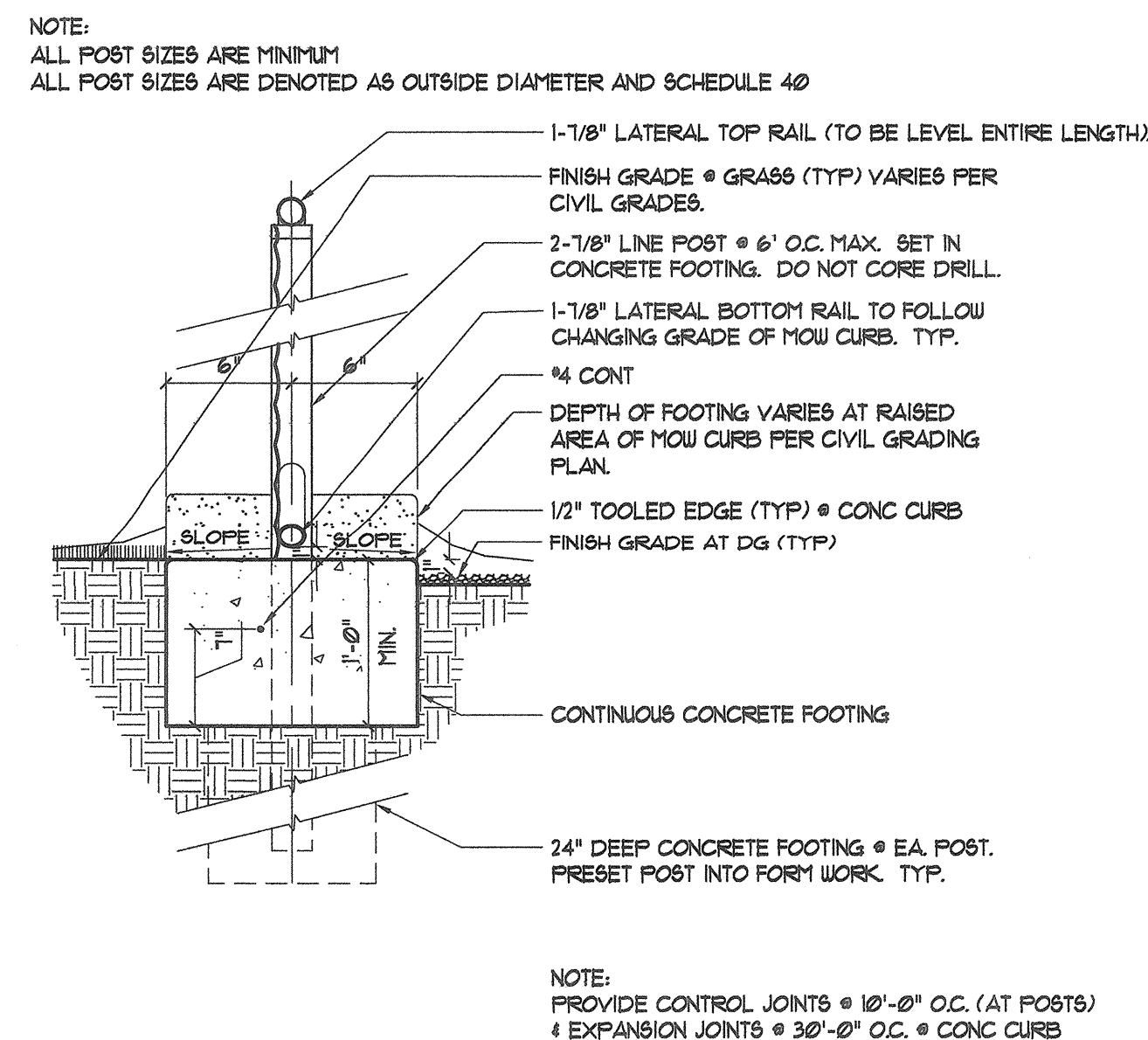




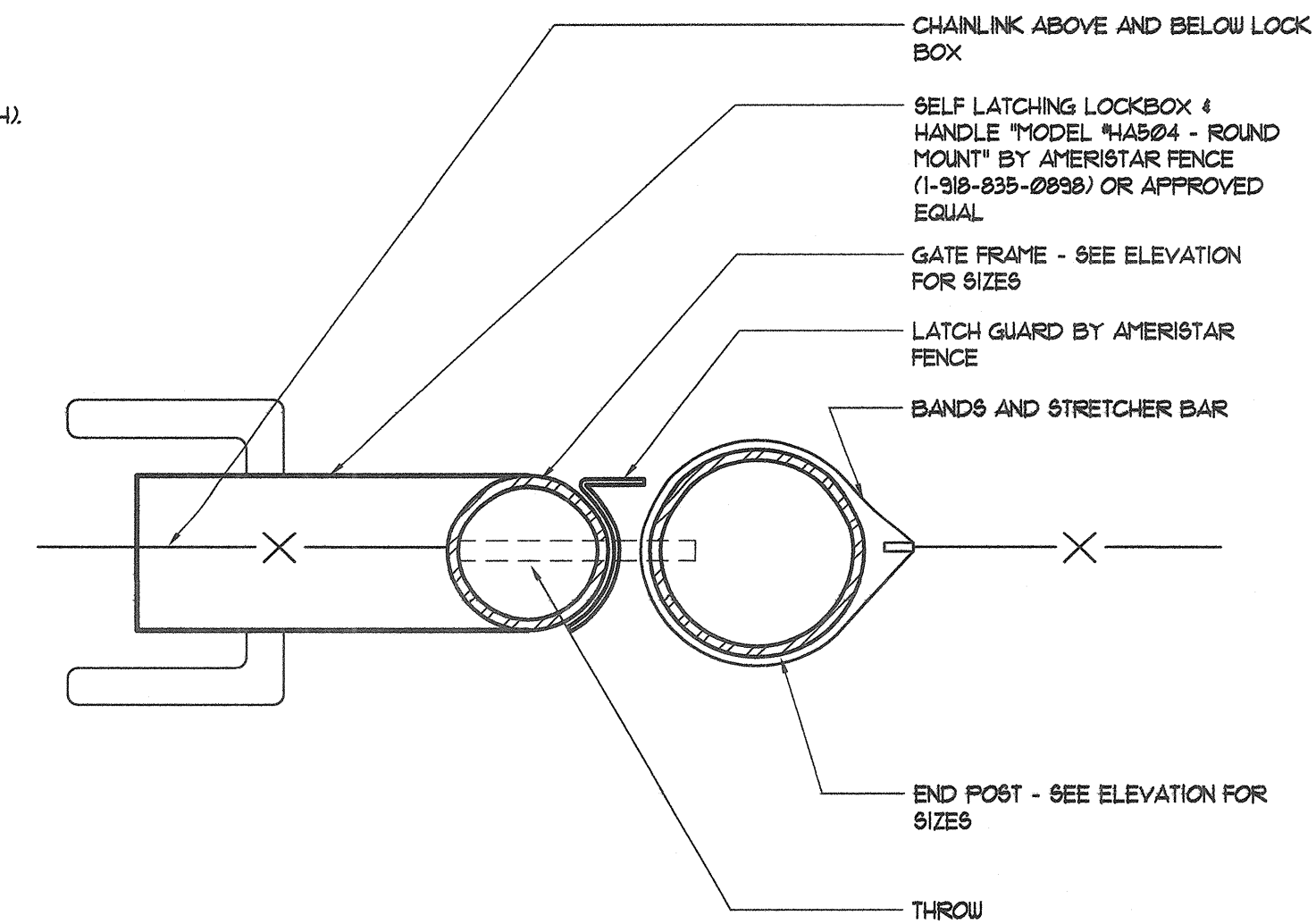
① Chain Link Fence Elevation
Scale: 1/2" = 1'-0" REVISED 8/5/14 57323100-00



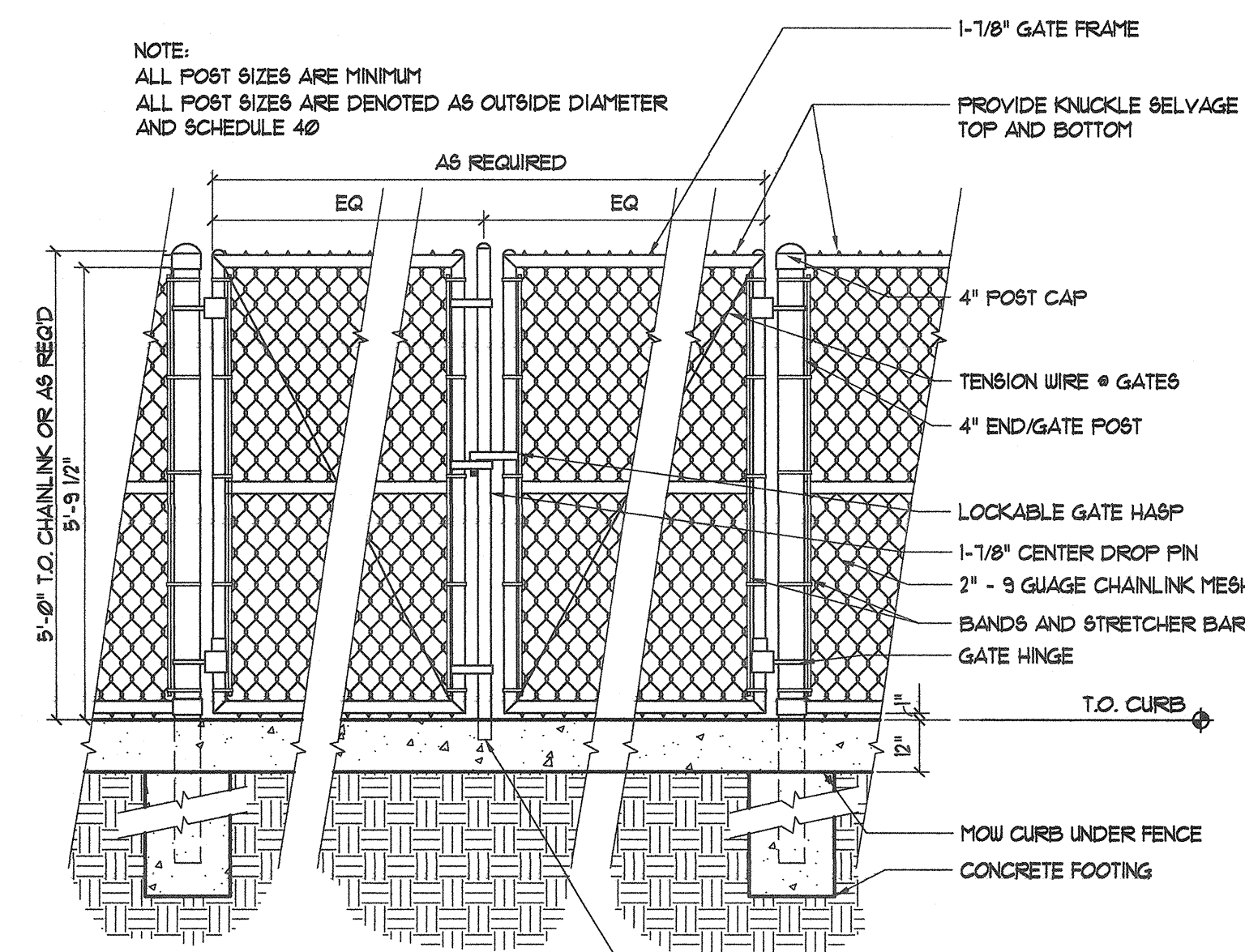
2 Chain Link Fence Gate Elevation
Scale: 1/2" = 1'-0" REVISED 8/5/14 ST323100-01



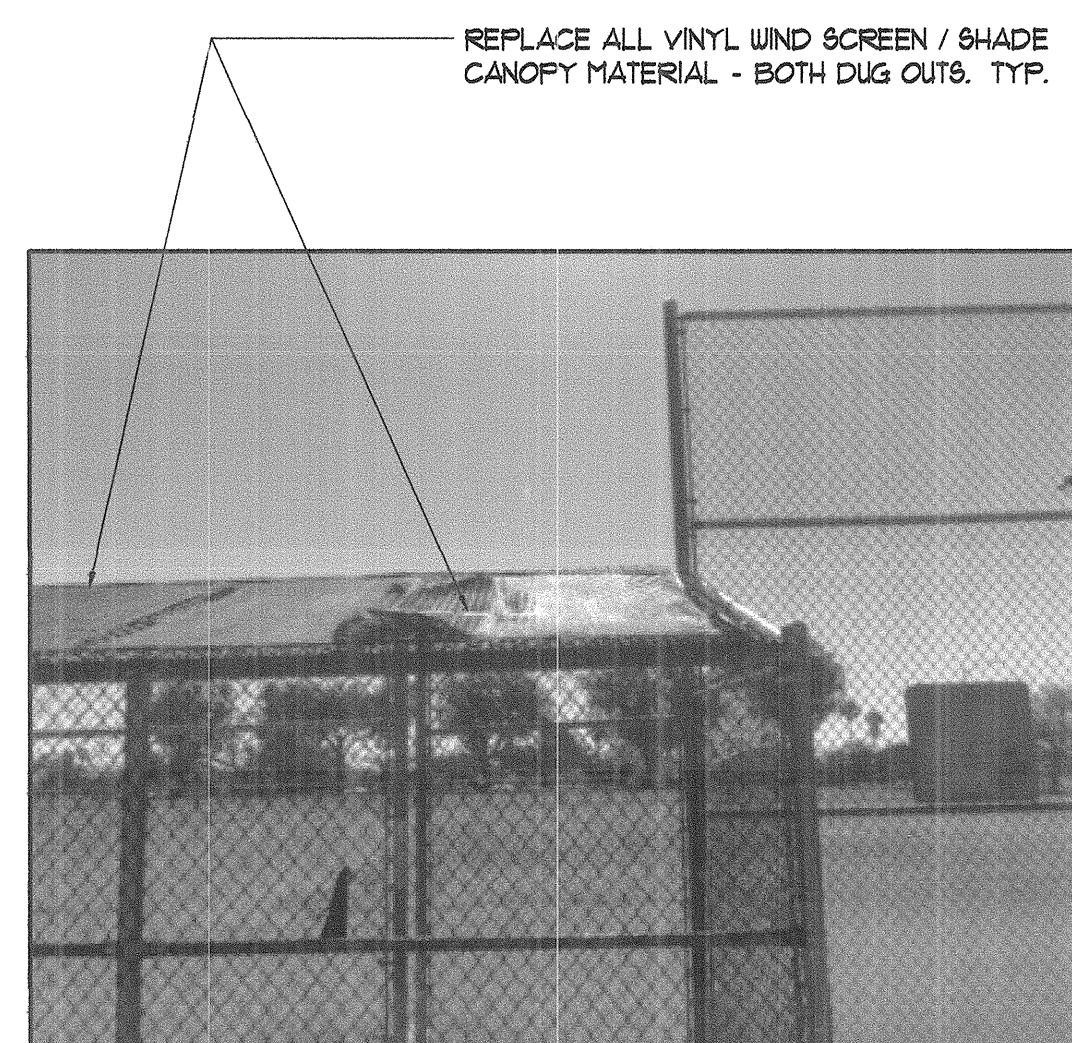
3 Fence Section
Scale: 1" = 1'-0" REVISED 8/5/14 ST323100-02



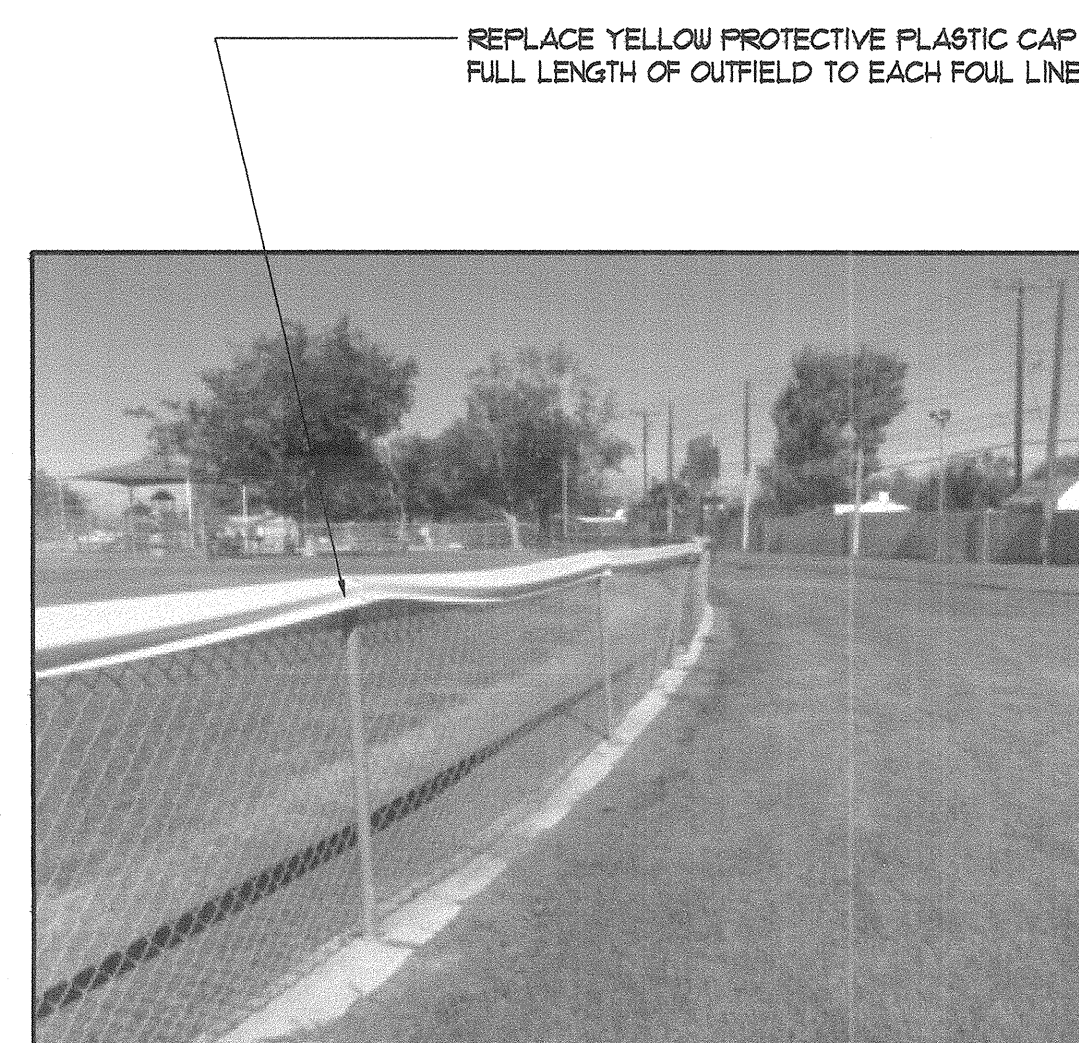
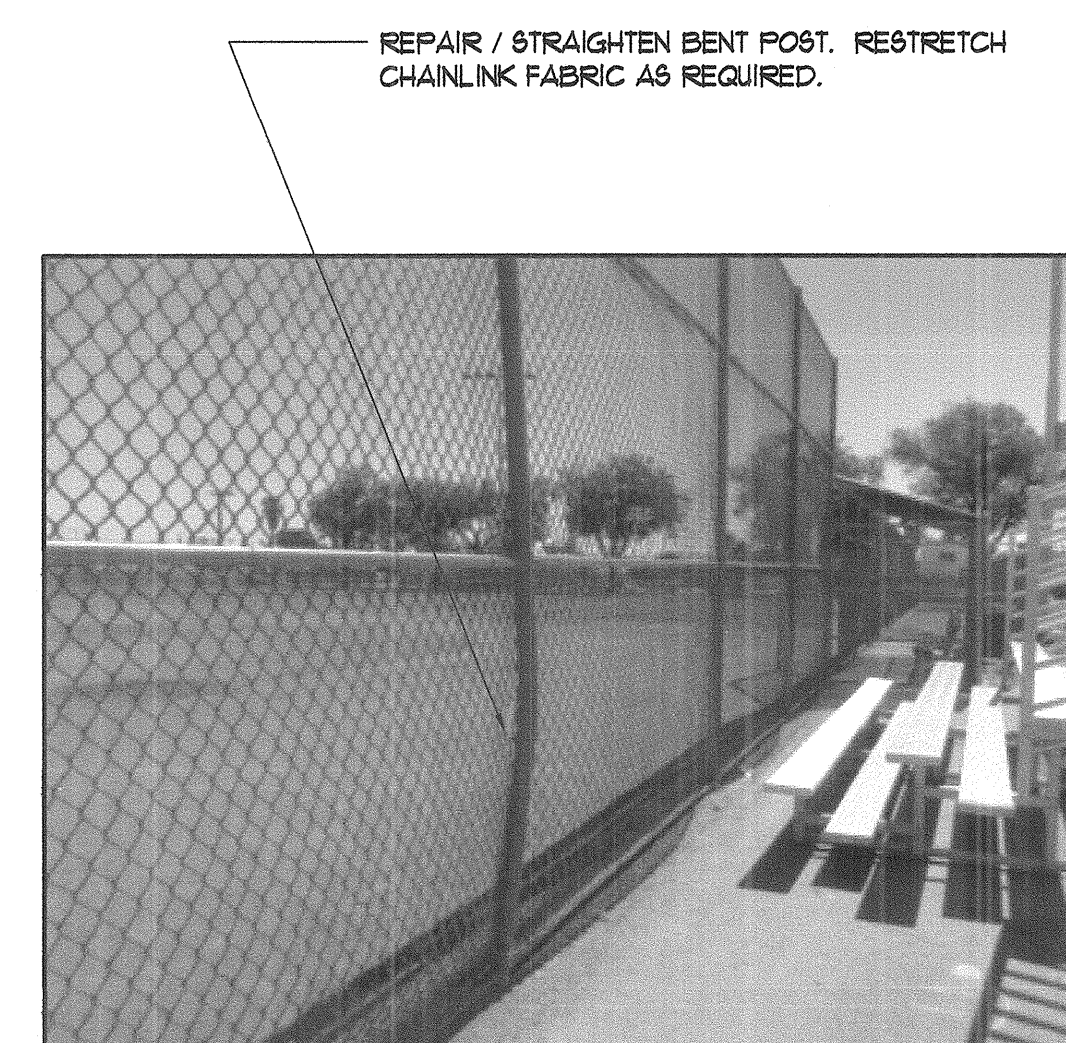
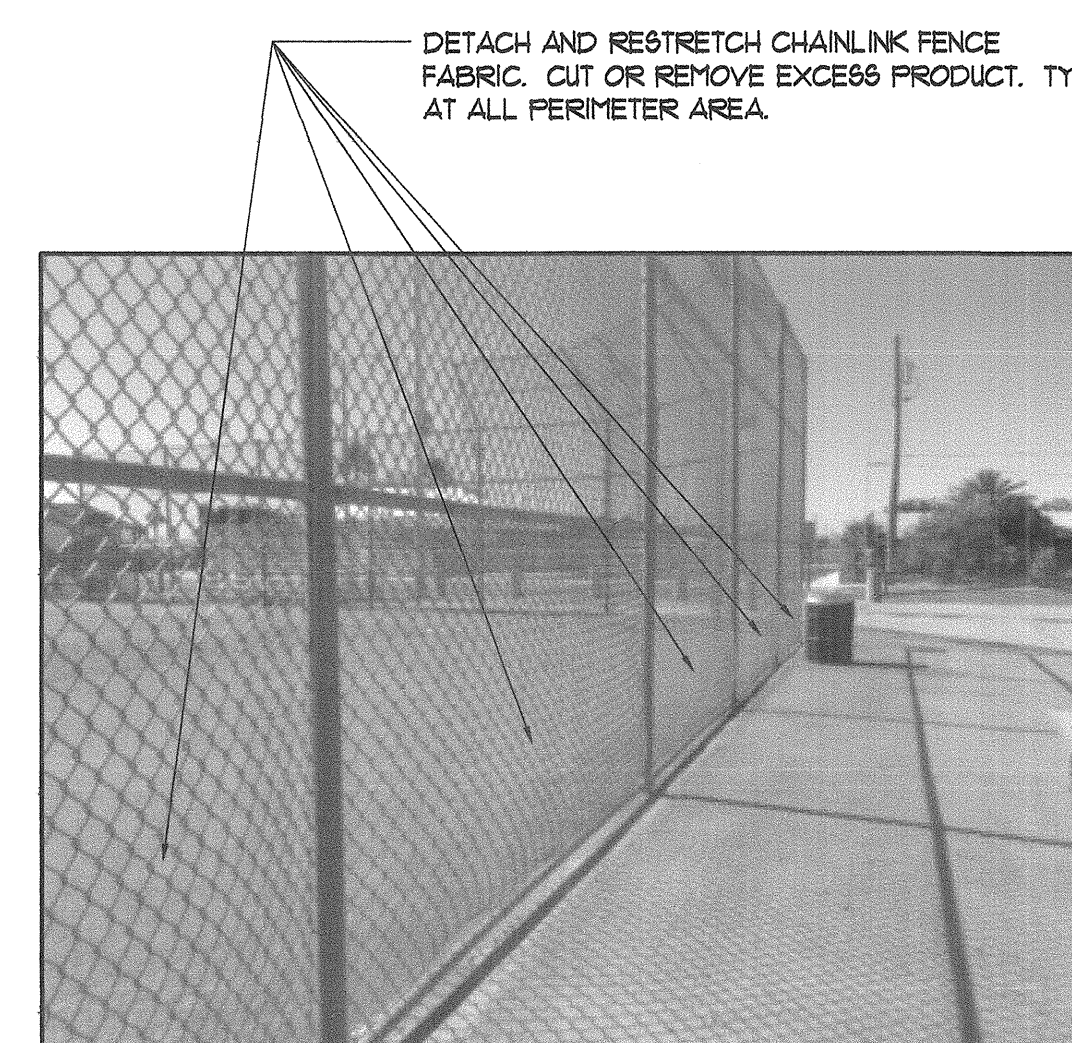
4 Gate Latch Detail
Scale: 6" = 1'-0" REVISED 8/5/14 ST323100-0



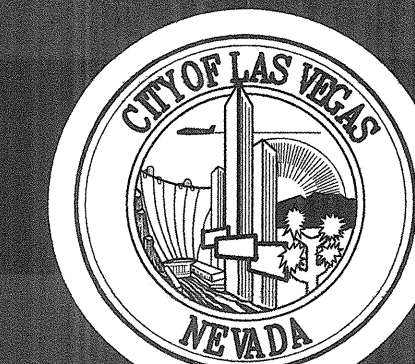
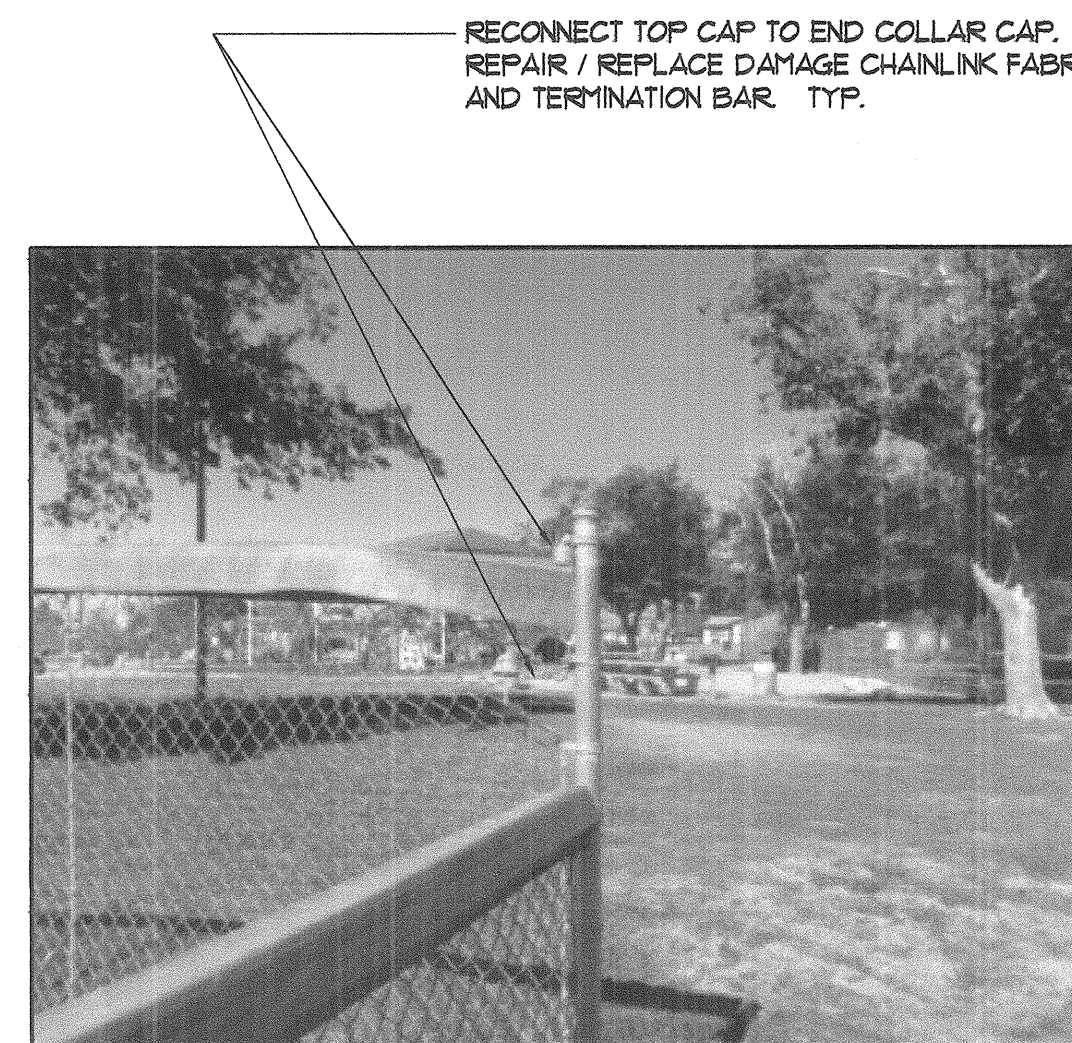
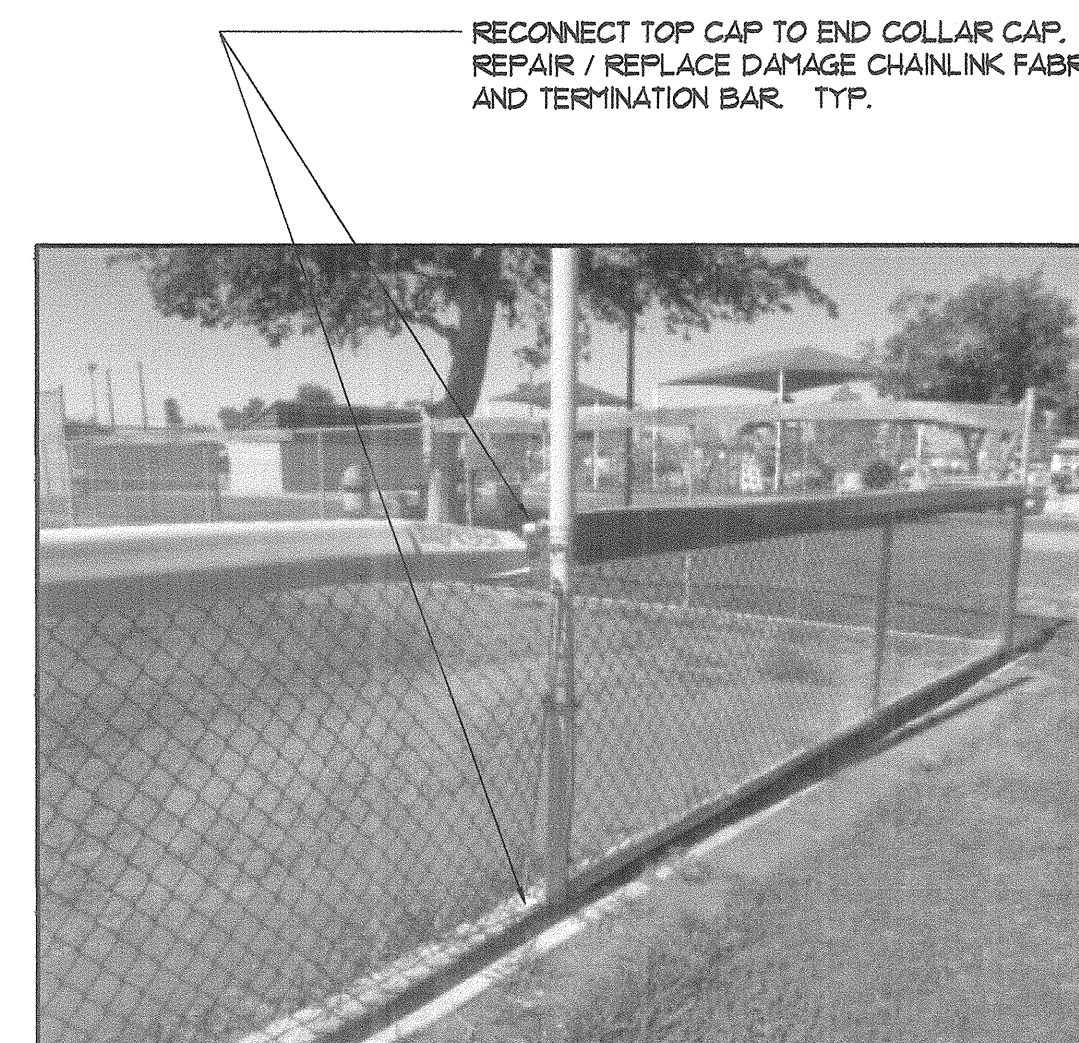
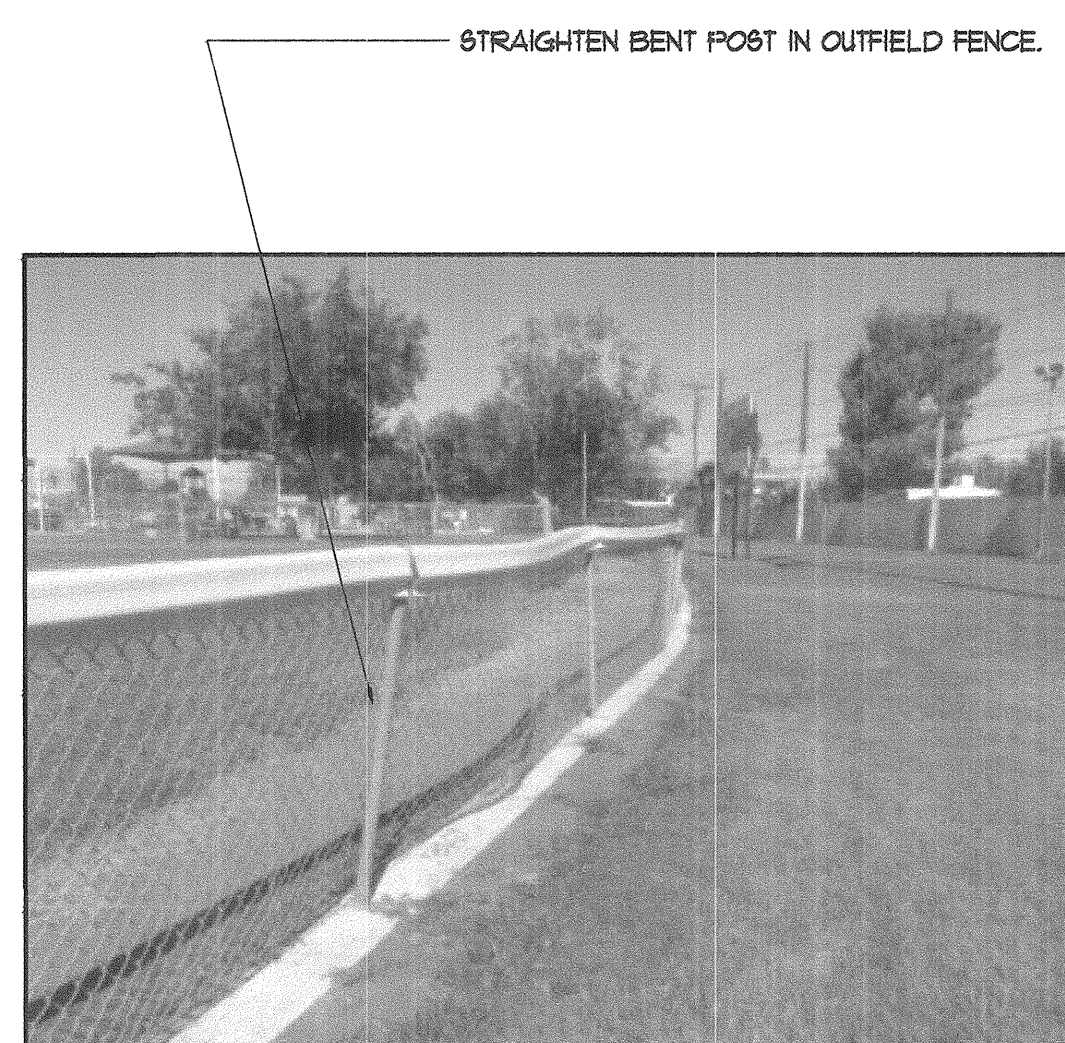
5 Chain Link Dbl gate Elevation



- Existing Conditions - Chainlink Fence Repairs @ Baseball Field Fence
Scale: N/A



- Existing Conditions - Chainlink Fence Repairs @ Baseball Field Fence
 Notes: N/A



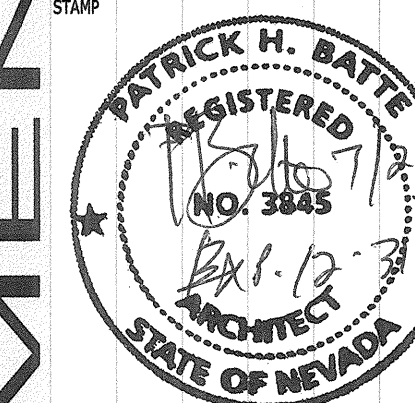
REVIEWS

CONSULTANT

Dexter Park Renovation

Chainlink Fence Details and Informational Photographs

7 STA



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN _____

FILE 100-411

DATE _____

SCALE _____

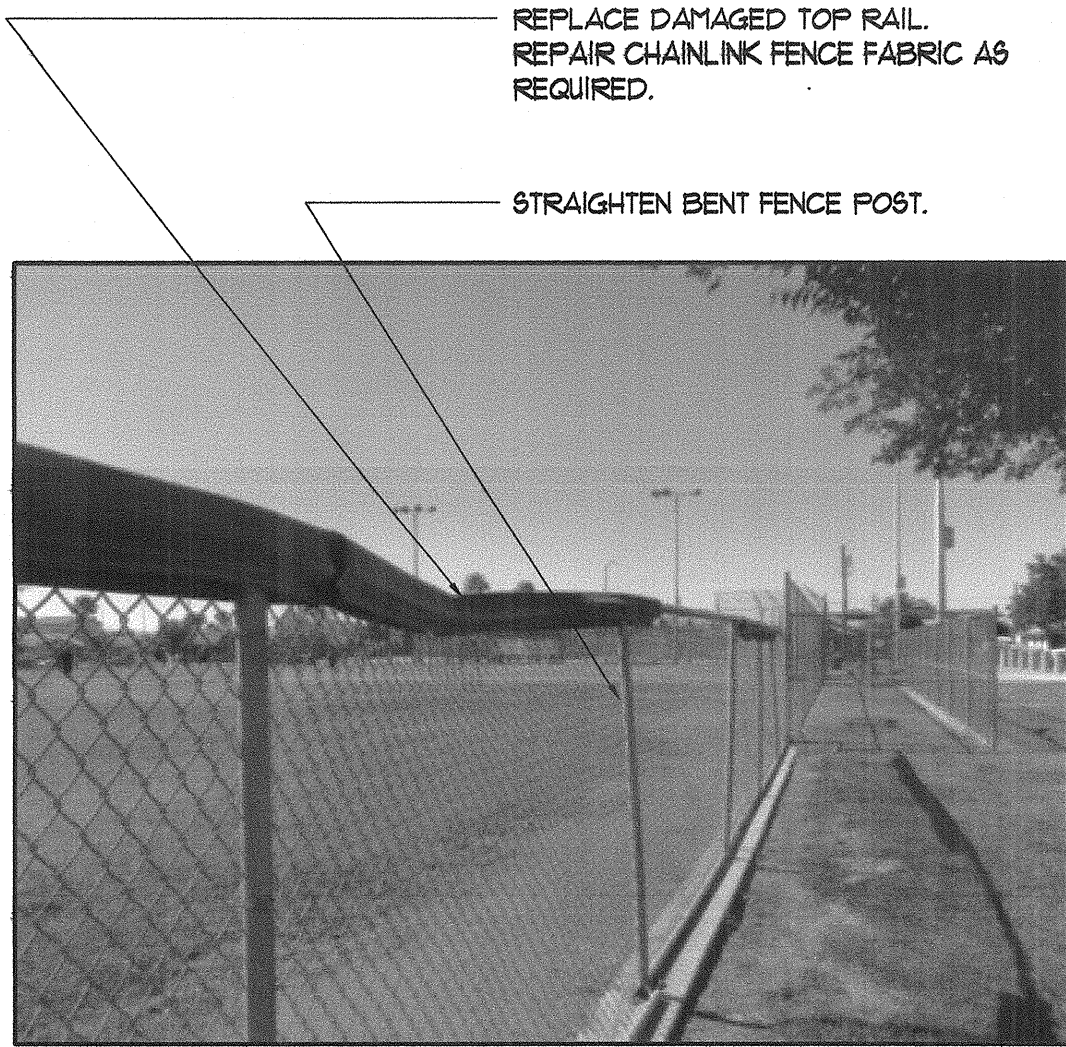
REP. NO. _____

	15.549	19.17
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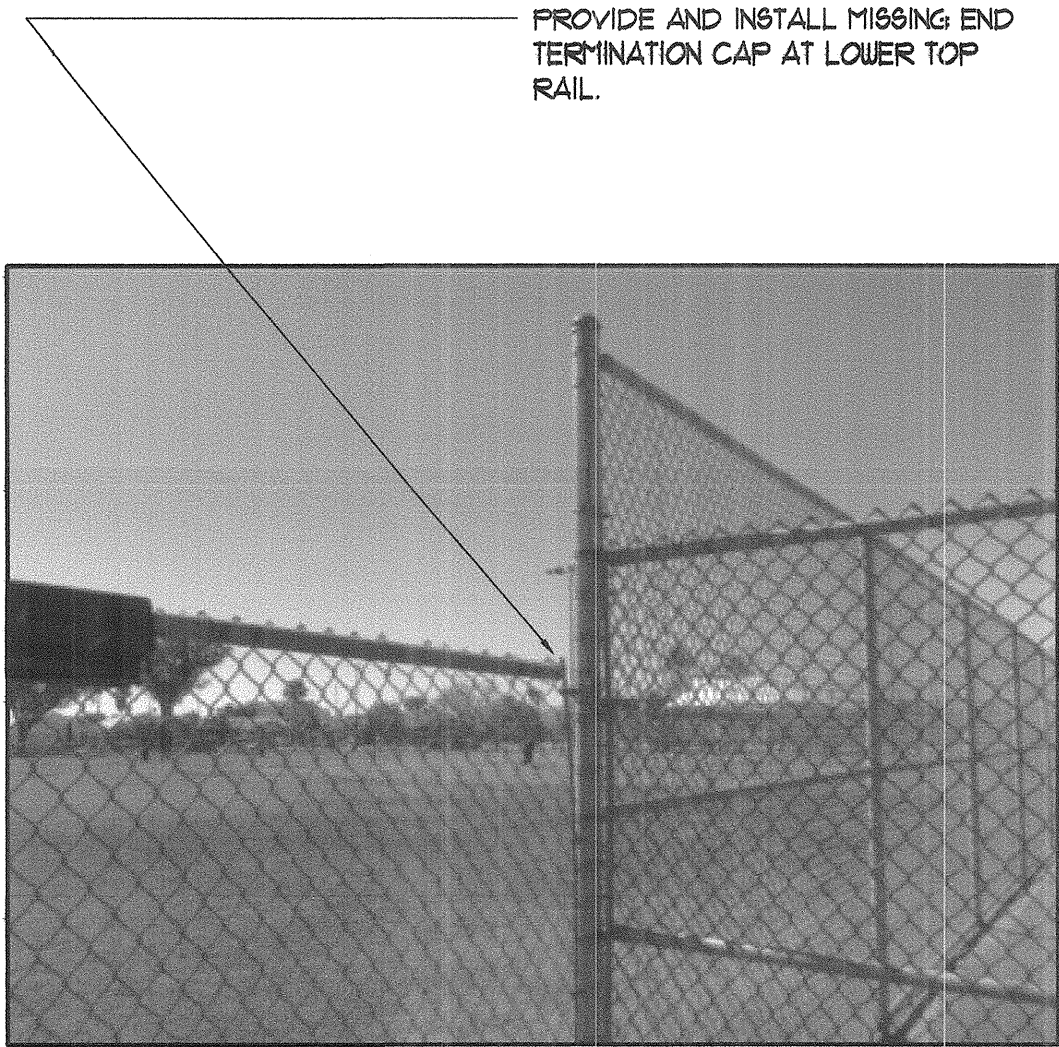
650.16-14

51979

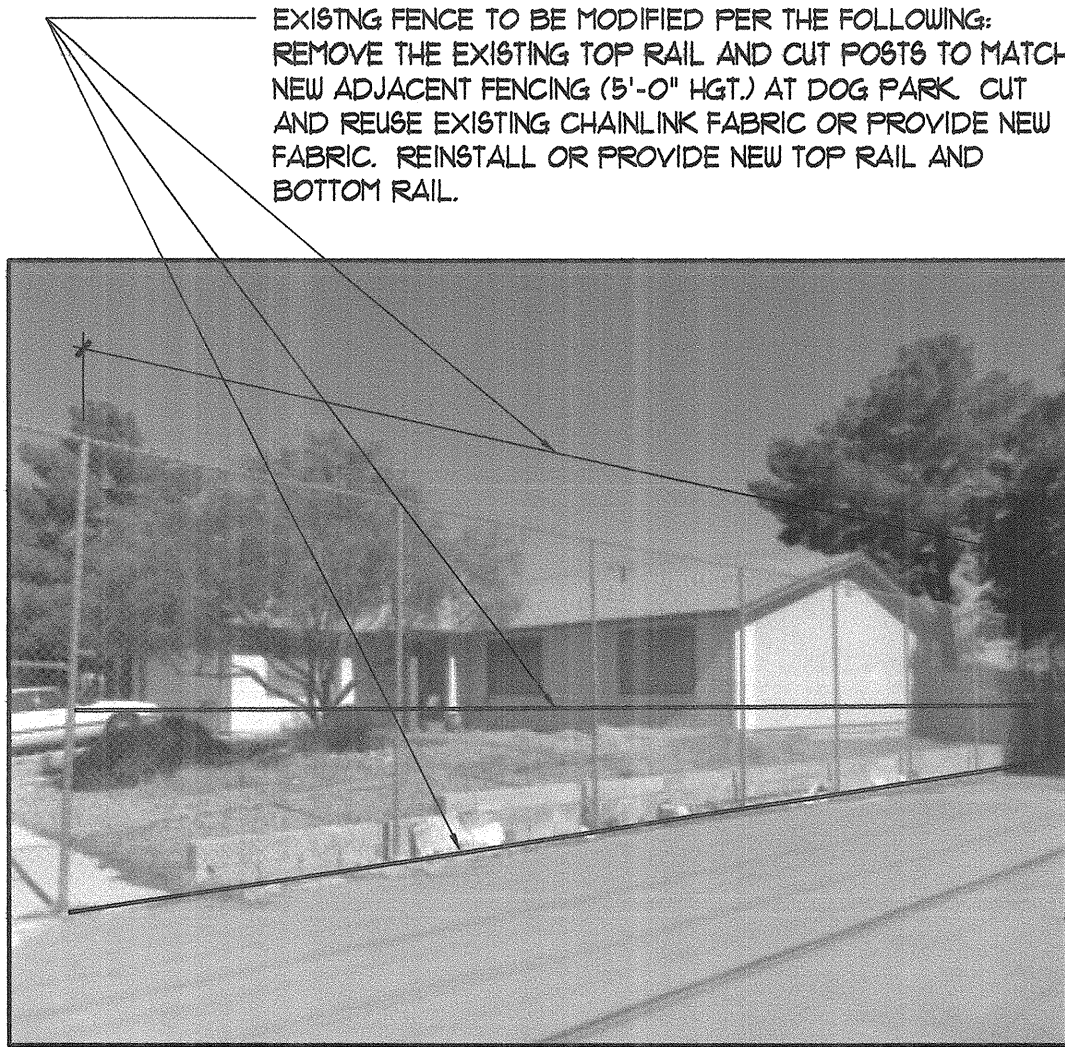
A6.1



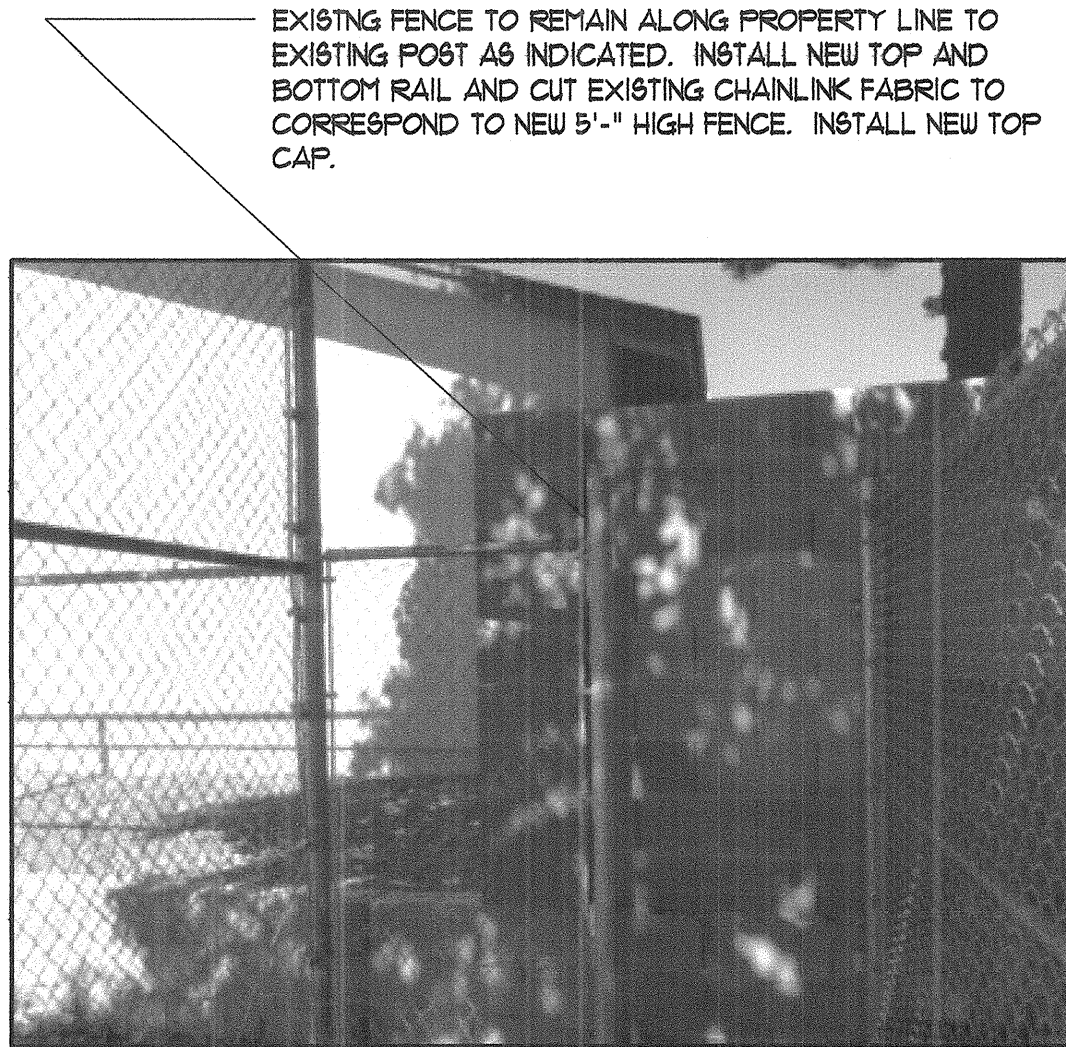
OUT FIELD FENCE • 3RD BASE LINE.



OUT FIELD FENCE • 3RD BASE LINE.



FENCE • PROPERTY LINE OF PRIVATE RESIDENCE (SOPRANO LANE)



Chainlink Fence Repairs @ Baseball Field Fence
Scale: N/A

Chainlink Fence Repairs @ Soprano Lane
Scale: N/A

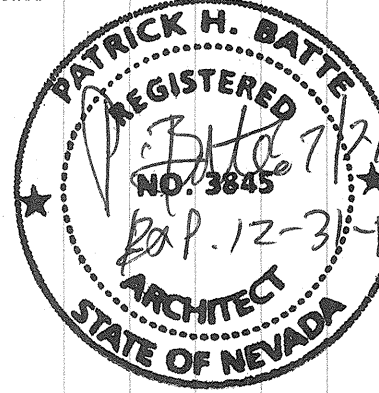


REVISIONS
CONSULTANT

DEPARTMENT OF PUBLIC WORKS

Dexter Park Renovation

Chainlink Fence Informational Photographs



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

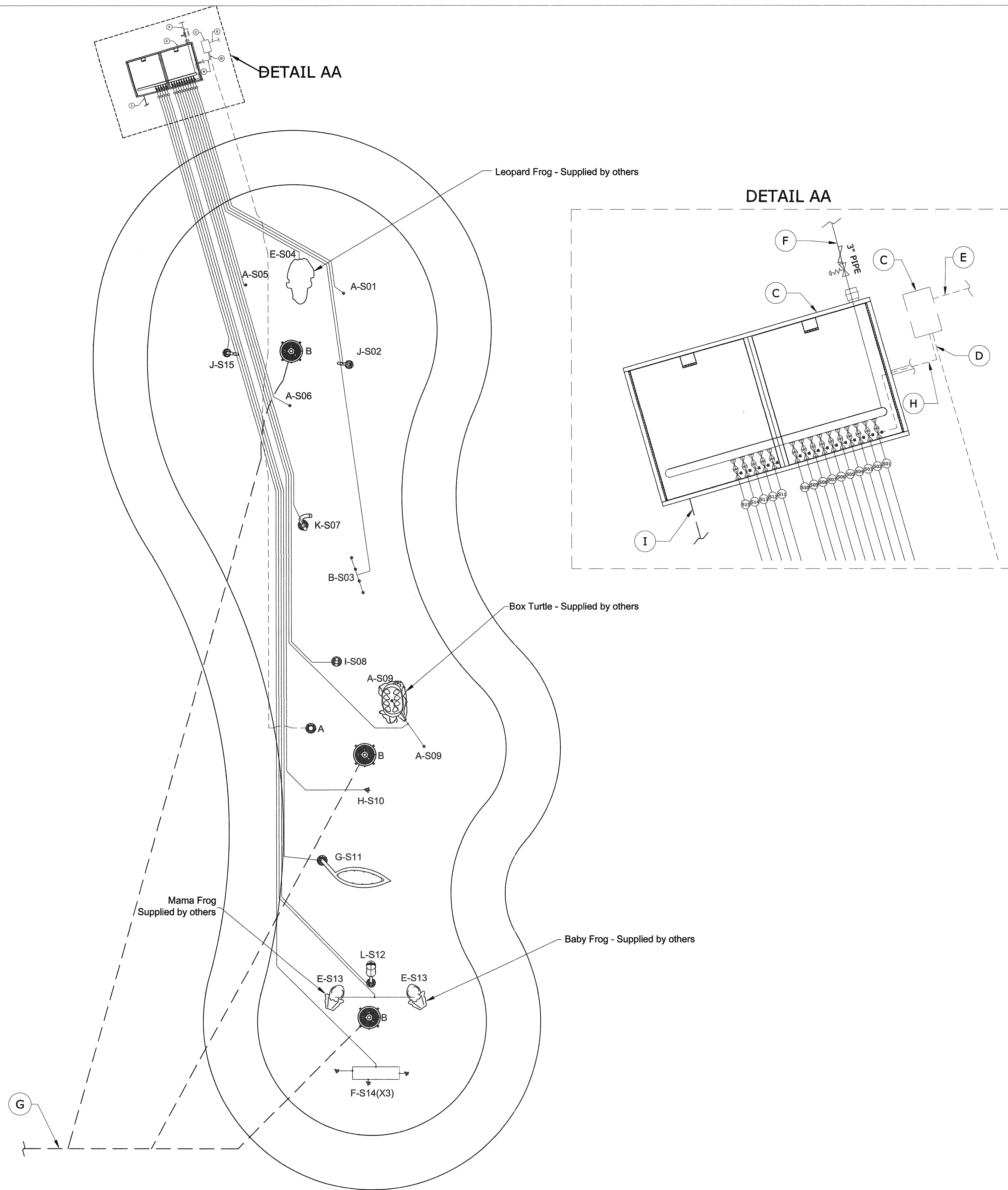
DEVELOPMENT SERVICES CENTER
353 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-5276
FAX: (702) 384-4846

DRAWN	BBREED
FILE	dpr23-A6.2
DATE	1/6/2016
SCALE	Full Scale
BID NO	1554979.TF
CLV DWG NO	65016-14
HANSEN NO	54979
SHT NO	

A6.2

NOTE:

- REFER TO THE INSTALLATION DRAWING OF EACH PLAY PRODUCT & WALL MOUNTED MANIFOLD FOR SPECIFIC INSTALLATION DETAILS.
- WATER DISTRIBUTION SYSTEM CONFIGURATION IS CONCEPTUAL AND REQUIRE APPROVAL PRIOR TO INSTALLATION.
- SPLASHPAD ACTIVITY DECK & DRAIN LINES ARE RECOMMENDED TO HAVE A 1-2% SLOPE TO OPTIMIZE DRAINAGE.
- ALL PIPING TO FEATURES ARE RECOMMENDED TO HAVE A 1-2% SLOPE FOR WINTERIZATION.
- ALL LINE SIZING FROM LEGEND 1 ASSUMES A MAXIMUM DISTANCE OF 130 FEET BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT. DISTANCES ABOVE 130 FEET MAY REQUIRE AN INCREASE IN LINE SIZING. PLEASE CONTACT VORTEX.
- ALL PIPING BETWEEN THE PLAY PRODUCTS & WATER DISTRIBUTION SYSTEM ARE RECOMMENDED TO BE SCHEDULE 80 PVC.
- FINAL LOCATION OF PLAYSAFE DRAINS AND LINE ROUTING ARE TO BE DETERMINED BY INSTALLER
- LINES FROM PLAYSAFE DRAINS SHALL BE 4" AND SHALL COMBINE INTO A 6" LINE. LINE ROUTING TO BE DETERMINED ON SITE BY INSTALLER.
- WHEN CONNECTING MULTIPLE PLAY PRODUCTS TO ONE FEEDER LINE, THE JUNCTION POINT (SPLIT OR T) SHALL BE PLACED IN THE MID POINT BETWEEN EACH PLAY PRODUCT. FAILURE TO DO SO MAY RESULT IN UNEQUAL SPRAY EFFECTS BETWEEN PLAY PRODUCTS.
- WIRING FROM THE CONTROLLER TO EACH ACTIVATOR SHALL BE #14 AWG. A TOTAL OF TWO (2) CONDUCTORS PER ACTIVATOR.
- ALL CONNECTIONS TO THE CONTROLLER SHALL BE PERFORMED USING AN APPROVED NEMA 4X CONNECTOR.
- ANY REQUIRED BACKFLOW DEVICE, PRESSURE REGULATOR OR WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY INSTALLER.
- MINIMUM 50 PSI REQUIRED AT THE INLET OF THE BACKFLOW PREVENTER AND PRESSURE REGULATING DEVICE.
- VALVE NUMBER 1 IS LOCATED TO THE LEFT OF THE MANIFOLD WHEN FACING THE CONTROLLER.
- PLEASE NOTE THAT ANY CHANGES TO THE PIPING AND ELECTRICAL SCHEMATIC AFTER FINAL APPROVAL, MAY INCUR ADDITIONAL PROGRAMMING CHARGES.
- IF CONTROLLER IS REMOTE LOCATED, CONDUCTORS # 18 AWG AT 10' LONG PROVIDED FOR THE CONTROLLER BY VORTEX.
- TOTAL COMBINED FLOW CAPACITY OF PLAY PRODUCT IS 87.5 GPM. MAXIMUM FLOW CAPACITY OF MANIFOLD IS 159 GPM. TOTAL AREA: 4087 SPRAY AREA: 13015



DETAIL AA

FEATURE LEGEND				
Feature Ref.	Manifold Output Ref.	Feature	Qty	Gpm
A	S01	Ground Geyser VOR-301	1	4.5
J	S02	Seaweed No2 VOR-7780	1	4.5
B	S03	Water Tunnel No2 VOR-309	1	10
E	S04	Sunrise Nozzle VOR-22116	1	0.5
A	S05	Ground Geyser VOR-301	1	4.5
A	S06	Ground Geyser VOR-301	1	4.5
K	S07	Seaweed No3 VOR-7781	1	5.5
I	S08	Silhouette No1 VOR-7772	1	14
A	S09	Ground Geyser VOR-301	2	9
H	S10	Spidey Spray No2 VOR-7674	1	8.5
G	S11	Leaf No2 VOR-7657	1	6
L	S12	Cattail Twirl VOR-7782	1	3
E	S13	Sunrise Nozzle VOR-22116	2	1
F	S14	Jet Stream VOR-7512	3	7.5
J	S14	Seaweed No2 VOR-7780	1	4.5

Code	Product	Qty	Line Size
A	Bollard Activator N°3 VOR-611	1	
B	Playsafe Drain VOR-1001.4000	3	8"
C	Water Distribution System 23986D1511R02	1	
D	Electrical Conduit from Controller to Activator; 2 Conductors#14 AWG (by Installer)	1	
E	Electrical Service Line 120 VAC, 10AMP Service (by Installer)	1	
F	City Water Line (by Installer)	1	
G	To Manicipal Drain (by Installer)	1	3" Minimum
H	Electrical Conduit from Controller to Solenoid Valves; 2 Conductors#14 AWG (by Installer)	15	
I	Vault Drain to Municipal Drain (by Installer)	1	
∅	Ball Valve	15	
∅	Solenoid Valve	15	
∅	Pressure Regulator (by Installer)	1	
∅	Backflow Preventor (by Installer)	1	

Manufacture



328 Avro Street
Pointe Claire (Montreal)
Québec, Canada H9R 5W5

Project

project title
Dexter Park Splashpad, Las Vegas

Notes

Consultant(s)

Client

07/19/2016 PAD SIZE & SHELETR LAYOUT REL-00

Date Description Revision

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Seal

Main Consultant

Drawing Title

Piping and Electrical Layout

Designed by

Drawn by Ratnam

Approved by

Project manager

Approval

Scale

5/32":1'

Date 07/19/2016

Project

23986

File DAO

Sheet no.

1 of 1

REL-00



REVISIONS

NO.	DESCRIPTION	DATE

CONSULTANT

CLIENT

OWNER

DESIGNER

DATE

SCALE

PROJECT

DATE

SCALE

PROJECT

DATE

SCALE

PROJECT

DATE

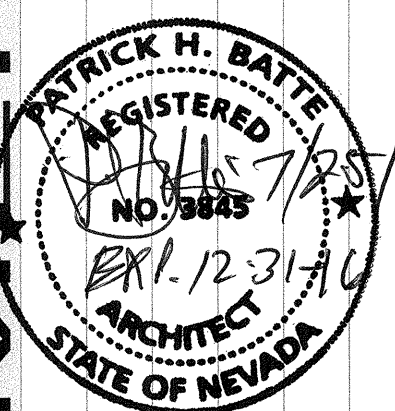
SCALE

DEPARTMENT OF PUBLIC WORKS

Dexter Park Renovation

Water play Area Piping Diagram Layout, Details

STAMP



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
3333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN

BBREED

FILE

dpr24-A7J

DATE

7/6/2016

SCALE

Full Scale

BID NO

1554979.TF

CLY DWG NO

650.16-14

HANGEN NO

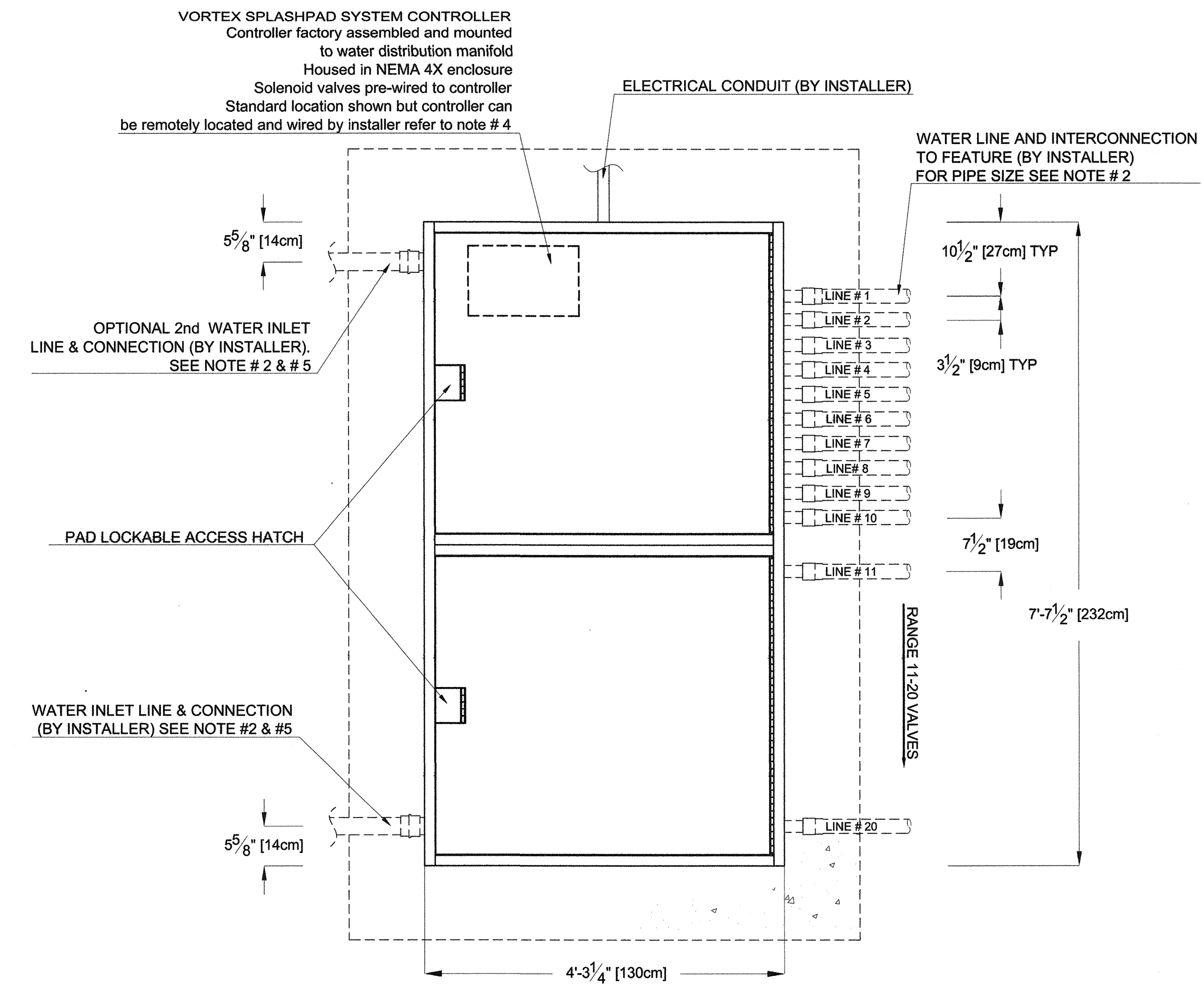
54979

SHT NO

A7.1

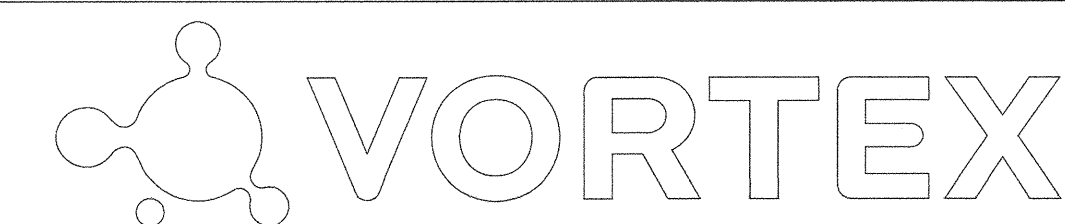
DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. WHOMEVER STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS REMAINS BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. A & C 620.790

SUBTERRANEAN COMMAND CENTER (1 - 20) VALVES



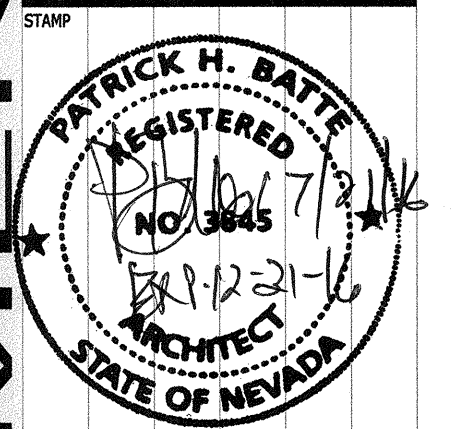
-

11"x17" SHEET SIZE

[illegible]

Dexter Park Renovation

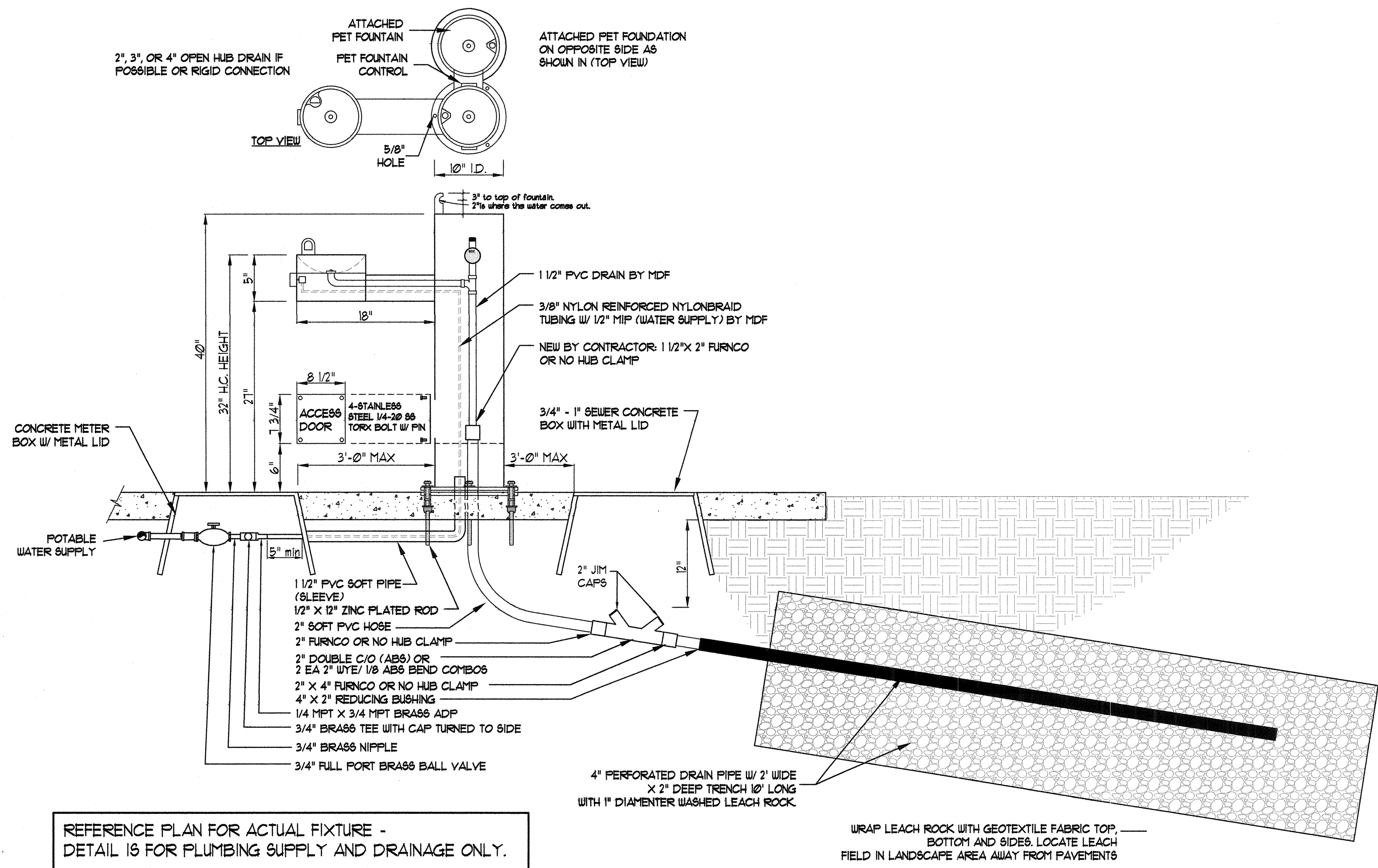
Water play Area Details



DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

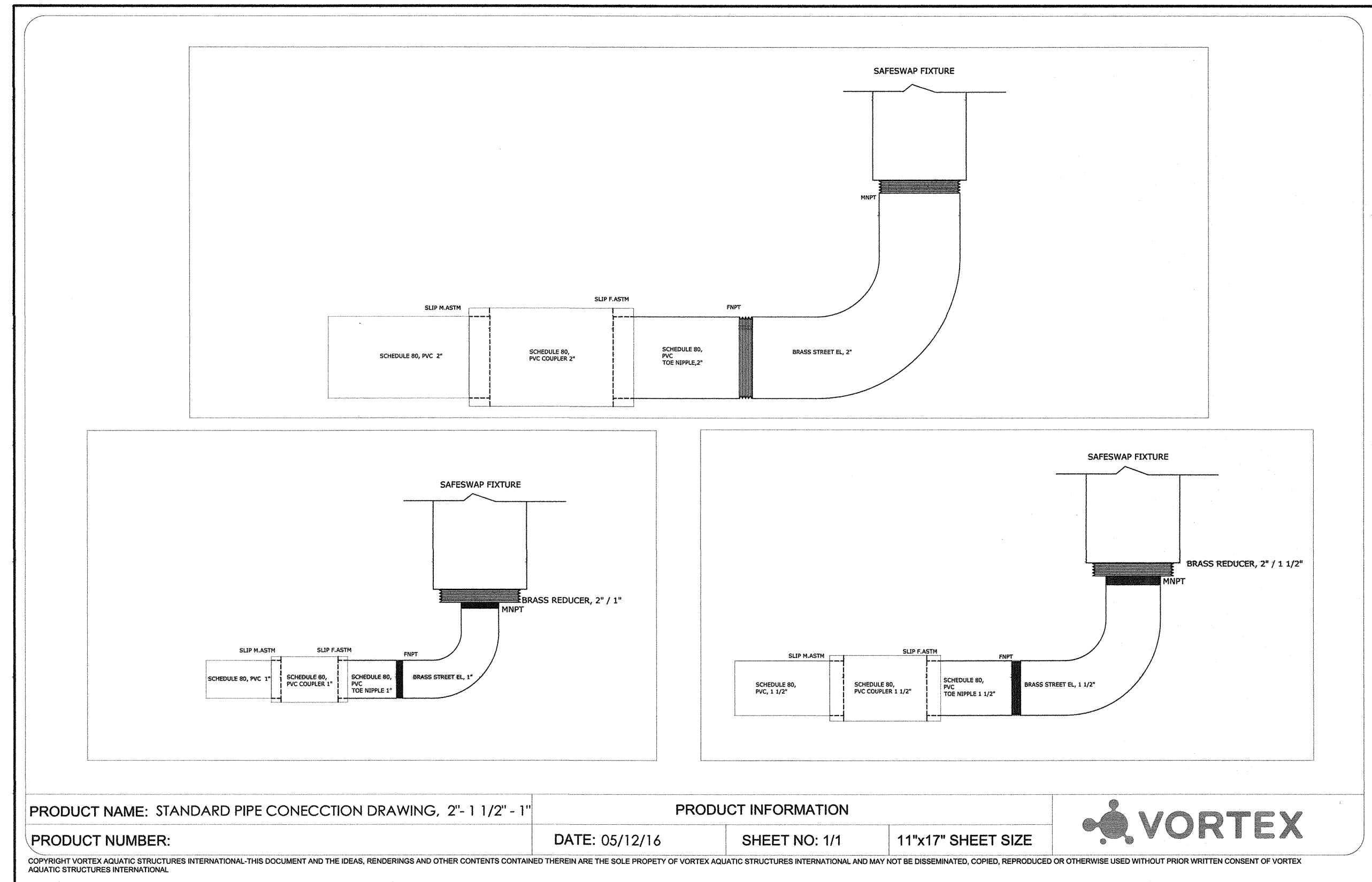
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FILE	dpr25-AT2		
DATE	7/6/2016		
SCALE	Full Scale		
BID NO	1554979.TF		
CLV DWG NO	650.16-14		
HANSEN NO	54979		
SHT NO			

A7.2



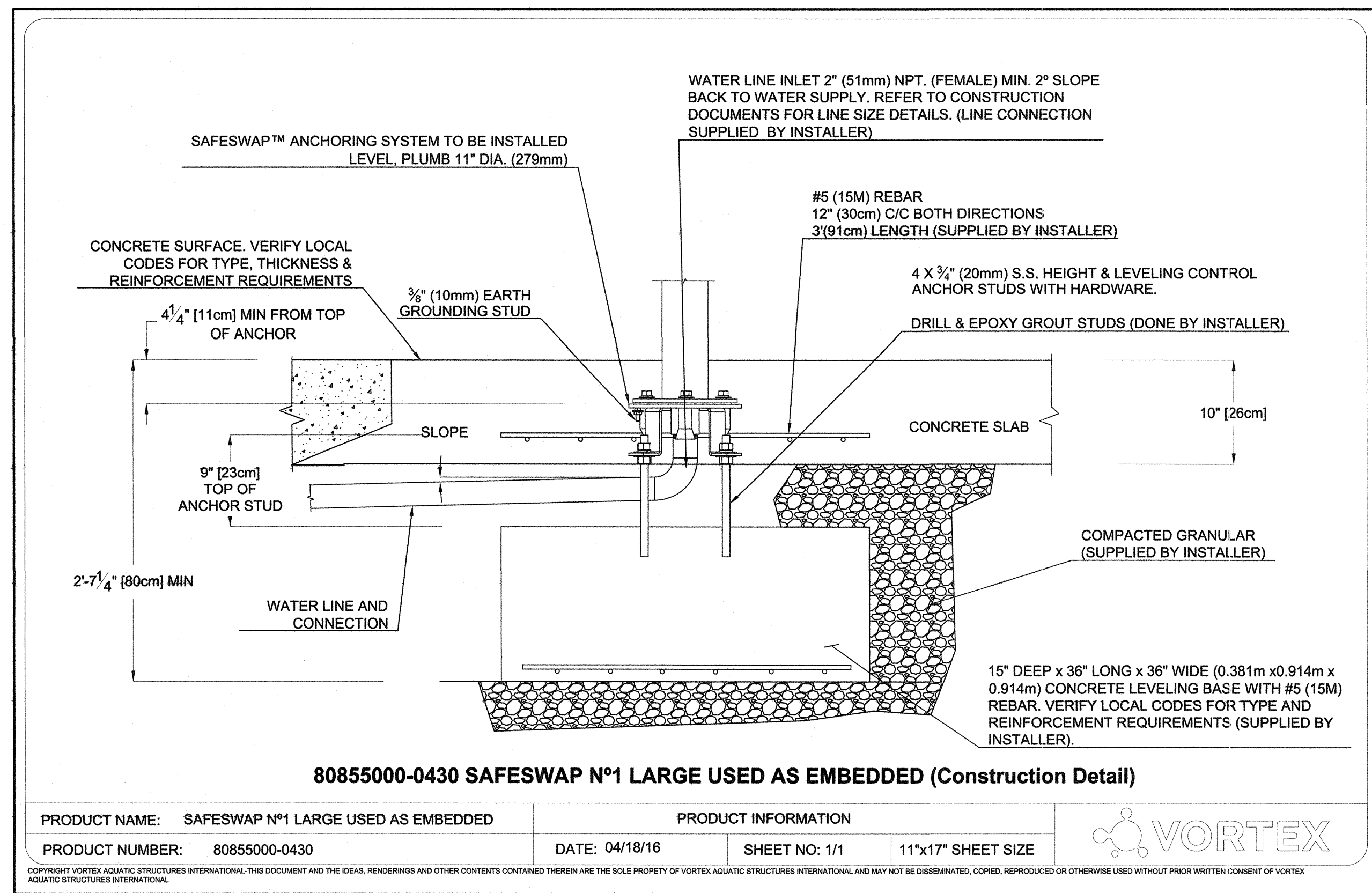
1 Drinking Fountain w/ Drywell

Scale: 1"=1'-0"



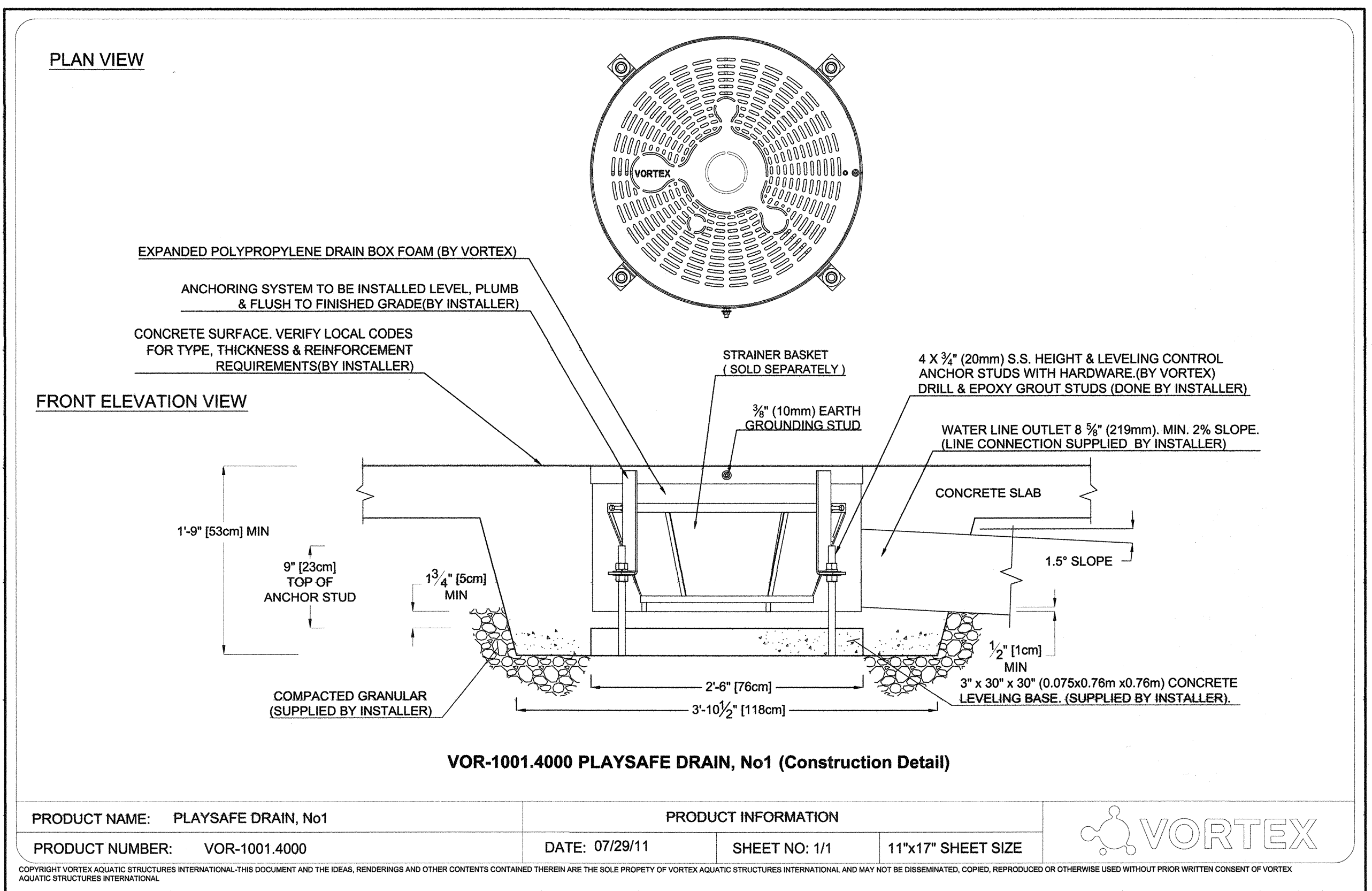
2 Standard piping detail to water play toy

Scale: N/A



3 Direct burial fixture connection (Std @ All above ground features)

Scale: N/A



4 Main Surface Drain (Typical - Total of 3)

Scale: N/A

**CITY OF LAS VEGAS
NEVADA**

DEPARTMENT OF PUBLIC WORKS

REVISIONS

NO.	DATE	DESCRIPTION

CONSULTANT

Dexter Park Renovation

Water play Area Details, Miscellaneous Details

PATRICK H. BATTE

REGISTERED

NO. 3345

ARCHITECT

STATE OF NEVADA

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 388-4846

DEVELOPMENT SERVICES CENTER

FILE: dpr26-A13

DATE: 1/6/2016

SCALE: Full Scale

BID NO: 1554979.TF

CLV DWG NO: 65016-14

HANSEN NO: 54979

SHT NO:

A7.3

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GENERAL STRUCTURAL NOTES

GENERAL REQUIREMENTS

PURPOSE
THE PURPOSE OF THESE DRAWINGS HEREIN IS PRIMARILY TO SAFEGUARD AGAINST MAJOR STRUCTURAL FAILURES AND LOSS OF LIFE, NOT TO LIMIT DAMAGE OR MAINTAIN FUNCTION.

GENERAL DETAILS
GENERAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS. ALL WORK OR CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND SAFETY REQUIREMENTS.

DISCREPANCIES
THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS OR OF ANY VARIATIONS NEEDED IN ORDER TO CONFORM TO CODES, RULES, AND REGULATIONS. UPON RECEIPT OF SUCH INFORMATION, THE ENGINEER WILL SEND WRITTEN INSTRUCTIONS TO ALL CONCERNED. ANY SUCH DISCREPANCY, OMISSION, OR VARIATION NOT REPORTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND WORK SHALL BE PERFORMED IN A MANNER AS DIRECTED BY THE ENGINEER.

EXCAVATION
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURE INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.

OTHER TRADES
SEE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR THE SIZE AND LOCATION OF PIPE, VENT, DUCT, AND OTHER OPENINGS AND DETAILS NOT SHOWN ON THESE STRUCTURAL DRAWINGS. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED WITH THE ARCHITECTURAL DRAWINGS.

BRACING
TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED TO HOLD ALL COMPONENTS OF THE STRUCTURE IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.

SIDEWALK PROTECTION
PEDESTRIAN TRAFFIC SHALL BE PROTECTED AS SPECIFIED IN THE IBC.

MATERIALS AND WORKMANSHIP WARRANTY
THE CONTRACTOR SHALL REPLACE ANY DEFECTIVE MATERIALS AND CORRECT POOR WORKMANSHIP WITH NO ADDITIONAL COSTS TO THE OWNER, AND SHALL REMEDY ANY DEFECTS IN MATERIAL OR WORKMANSHIP WHICH APPEAR IN ONE YEAR FROM THE DATE OF COMPLETION OF THE JOB. THIS WARRANTY APPLIES TO THE WORK DONE BY THE SUBCONTRACTORS AS WELL AS THE WORK DONE BY THE EMPLOYEES OF THE CONTRACTOR.

SAFETY
THE CONTRACTOR SHALL ADEQUATELY PROTECT HIS WORK, ADJACENT PROPERTY, AND THE PUBLIC, AND BE RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.

INSPECTIONS
ANY INSPECTIONS, SPECIAL OR OTHERWISE, THAT ARE REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS, OR THESE PLANS, SHALL BE DONE BY AN INDEPENDENT INSPECTION COMPANY. JOB SITE VISITS BY THE ENGINEER DO NOT CONSTITUTE, OR SUBSTITUTE, INSPECTIONS UNLESS SPECIFICALLY CONTRACTED FOR.

SHOP DRAWINGS
SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT, AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST STRUCTURAL DRAWINGS. A SET OF APPROVED SHOP DRAWINGS MUST BE FILED WITH THE CITY ENGINEER BY THE CONTRACTOR.

SHOP DRAWING CHECK
THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH TWO BLUELINE SETS OF SET DRAWINGS A MINIMUM OF THREE WEEKS PRIOR TO FABRICATION. THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS ONLY FOR GENERAL COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. THE REVIEW DOES NOT GUARANTEE IN ANY WAY THE SHOP DRAWINGS ARE CORRECT NOR DOES IT INFER THAT THEY SUPERSEDE THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL REVIEW AND APPROVE THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER.

BASIS FOR DESIGN

GOVERNING BUILDING CODE	2012 IBC
SEISMIC	
ANALYSIS PROCEDURE	EQUIVALENT LATERAL-FORCE PROCEDURE
NONBUILDING STRUCTURE TYPE (BASKETBALL STANDARD)	SIGNS AND BILLBOARDS
R (BASKETBALL STANDARD)	3.00
NONBUILDING STRUCTURE TYPE (LIGHT POLES)	POLE: STEEL
R (LIGHT POLES)	1.5
I	1.00
Ss	0.458g
S1	0.161g
SDS (SHORT PERIOD)	0.438g
SD1 (1-SECOND PERIOD)	0.231g
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D
Cs (BASKETBALL STANDARD)	0.153g
V (BASKETBALL STANDARD)	0.58K
Cs (LIGHT POLES)	0.153g
V (LIGHT POLES)	0.58K
WIND	
BASIC WIND SPEED	115 MPH
EXPOSURE	C
SOILS	
SOIL BEARING PRESSURE (D+L+L)	3000 PSF
SOIL BEARING PRESSURE x 1.33 (+W OR +E)	4000 PSF
LATERAL EARTH PRESSURE - CANTILEVERED RETAINING WALL	37 PCF
PASSIVE EARTH PRESSURE	300 PCF
MINIMUM EMBEDMENT DEPTH	12 INCHES
POST-TENSIONED BRAB SLAB	
MINIMUM 28 DAY STRENGTH	4500 PSI
MAXIMUM WATER CEMENT RATIO	0.45
CONCRETE SLUMP	4 INCHES
CEMENT TYPE	V

FOUNDATION

DESIGN RECOMMENDATIONS
FIRM: TERRACON CONSULTANTS; REPORT NO.: 64155031; DATE: APRIL 25, 2016

CONSTRUCTION
ALL SITE PREPARATION, GRADING, COMPACTION TESTS, INSPECTIONS, ETC. SHALL BE FOLLOWED WITH STRICT ADHERENCE AND SHALL BE COMPLETED PRIOR TO ANY CONCRETE PLACEMENT. SEE ACI 325.3 FOR FURTHER REQUIREMENTS.

ENGINEERING SYSTEM SOLUTIONS ASSUMES NO LIABILITY FOR GROUNDWATER OR OTHER MEANS OF FLOODING.

FOOTING EMBEDMENT
ALL FOOTINGS SHALL EXTEND BELOW GRADE THE MINIMUM EMBEDMENT DEPTH AS NOTED ON THE FOUNDATION PLAN.

GRADE IS DEFINED AS FOLLOWS
INTERIOR FOOTINGS: TOP OF SLAB.

PERIMETER FOOTINGS: PAD GRADE OR NATURAL GRADE BEFORE LANDSCAPING.

EXTERIOR FOOTINGS: TOP OF PERMANENT EXTERIOR PAVING OR CONCRETE AT LEAST 5 FEET WIDE STARTING AT THE BUILDING PERIMETER.

SLAB ON GRADE
SUPPORT PER THE GEOTECHNICAL RECOMMENDATIONS.

FOLLOW ACI 302.1 RECOMMENDATIONS FOR PLACING CONCRETE, CURING, AND QUALITY CONTROL.

BACKFILL
BACKFILL SHALL NOT BE PLACED AGAINST EXTERIOR WALLS UNTIL THE INTERIOR FLOOR SYSTEM CAN ADEQUATELY BRACE THE WALL.

BACKFILL AND RECOMPACT ALL TRENCHES PER THE GEOTECHNICAL REPORT. (MIN 90% DRY DENSITY)

DRAINAGE
PROVIDE ADEQUATE DRAINAGE AWAY FROM THE STRUCTURE.

CONCRETE

MATERIAL
MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR SLAB ON GRADE, FOOTING, AND WALLS IS 4500 PSI.

CEMENT SHALL BE TYPE V.

MAXIMUM W/C RATIO SHALL BE 0.45.

CONCRETE SLUMP SHALL BE 4-6 INCHES.

ALL CONCRETE SHALL BE NORMAL WEIGHT OF 145 POUND PER CUBIC FOOT UNLESS NOTED OTHERWISE, USING HARD ROCK AGGREGATES CONFORMING TO ASTM C33.

BATCHING, MIXING, AND TRANSPORTING
BATCHING, MIXING, AND TRANSPORTING CONCRETE SHALL BE PER ACI 301.

CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED LABORATORY AND APPROVED BY THE ENGINEER OF RECORD.

PORTLAND CEMENT SHALL CONFORM TO ACI 301.

WATER SHALL NOT BE ADDED AT THE JOB SITE SUCH THAT THE APPROVED MIX DESIGN W/C RATIO IS EXCEEDED.

FORM WORK
FORM WORK SHALL BE PER ACI 301.

PLACING
PLACING OF CONCRETE SHALL BE PER ACI 301.

PLACING OF CONCRETE BY MEANS OF PUMPING SHALL BE PER ACI 301.

WHERE THERE IS A RISK OF PREMATURE DRYING, SUCH AS IN HOT OR WINDY WEATHER, CURING MEASURES SHALL BE IMPLEMENTED PER THE RECOMMENDATIONS OF ACI 301.

CONSOLIDATION
CONSOLIDATION OF CONCRETE SHALL BE PER ACI 301.

EMBEDDED ITEMS
EMBEDDED ITEMS SHALL BE PLACED PER ACI 301.

CONDUITS AND PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.

EMBEDDED CONDUITS, PIPES, AND SLEEVES SHALL NOT BE LARGER IN DIAMETER THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, BEAM, OR WALL IN WHICH THEY ARE EMBEDDED AND SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS OR ELEMENT WIDTHS ON CENTER.

NO ALUMINUM EMBEDS SHALL BE IN DIRECT CONTACT WITH CONCRETE.

COLD WEATHER CONCRETING
WHEN THE AIR TEMPERATURE IS BELOW 40°F, COLD WEATHER CONCRETE PROCEDURES SHALL BE USED PER ACI 301.

A CONSTRUCTION PLAN SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE PROTECTION PROCEDURES PRIOR TO PLACEMENT OF CONCRETE.

HOT WEATHER CONCRETING
PRIOR TO CONCRETE PLACEMENT, TOP 3 INCHES OF SUB-BASE SHALL BE WETTED SUFFICIENTLY TO SATURATE SUB-BASE WITHOUT ANY STANDING WATER.

CONCRETE PLACEMENT TEMPERATURE MAY NOT EXCEED 90° FAHRENHEIT WHEN MEASURED IN ACCORDANCE WITH ASTM C1064.

STEEL FORMS AND REINFORCEMENT SHALL BE COOLED PRIOR TO CONCRETE PLACEMENT WHEN STEEL TEMPERATURES EXCEED 120° FAHRENHEIT.

MIX WATER, AGGREGATES, CONVEYING AND PLACING EQUIPMENT OR ANY COMBINATION OF THE ABOVE SHALL BE COOLED IF NECESSARY TO MAINTAIN PROPER CONCRETE PLACING TEMPERATURE.

SLAB ON GRADE
CONTRACTOR SHALL FOLLOW ACI 301 AGGREGATE SPECIFICATION INCLUDING #6 AND #4 AGGREGATES TO PROVIDE A WELL-GRADED AGGREGATE MIX.

MASONRY

BLOCK
UNITS SHALL BE HOLLOW, NORMAL WEIGHT, LOAD-BEARING UNITS CONFORMING TO ASTM C90 WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI.

ALL MASONRY UNITS SHALL BE PLACED IN RUNNING BOND CONSTRUCTION WITH ALL VERTICAL CELLS IN ALIGNMENT UNLESS NOTED OTHERWISE.

MORTAR
MORTAR MIX SHALL CONFORM TO REQUIREMENTS OF ASTM C270 AND ASTM C780 FOR FIELD TESTING, PER ASTM C780 UNLESS NOTED OTHERWISE.

GROUT
GROUT SHALL CONFORM TO REQUIREMENTS OF ASTM C476.

SUFFICIENT WATER SHALL BE USED FOR GROUT TO ACHIEVE SLUMP OF 8" - 11" AND TO FLOW INTO ALL CELLS OF THE MASONRY WITHOUT SEGREGATION.

GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT 28 DAYS.

ALL CELLS IN CONCRETE BLOCK CONTAINING REINFORCING SHALL BE FILLED SOLID WITH GROUT.

HOLD GROUT DOWN 1 1/2" BELOW TOP OF UNIT AT GROUT LIFT JOINTS.

MASONRY COMPRESSIVE STRENGTH
NET COMPRESSIVE STRENGTH OF THE OVERALL MASONRY SYSTEM (MORTAR, UNITS, AND GROUT) SHALL BE 1mm=1,500 PSI (TESTED BY PRISM METHOD).

HORIZONTAL REINFORCING
PROVIDE BENT BARS PER TYPICAL DETAILS TO MATCH AND LAP HORIZONTAL BOND BEAM REINFORCING AT CORNERS AND WALL INTERSECTIONS TO MAINTAIN BOND BEAM CONTINUITY UNLESS NOTED OTHERWISE.

VERTICAL REINFORCING
PLACE (2) VERTICAL BARS FULL HEIGHT, (1) EACH FACE IN CELL, AT WALL INTERSECTIONS, CORNERS, WALL OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS.

DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH DOWELS TO MATCH AND LAP VERTICAL REINFORCING.

MISCELLANEOUS
LAP REINFORCING BARS PER TYPICAL MASONRY REBAR LAP SCHEDULE.

CONTROL JOINT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT BUT SHALL NOT EXCEED 24'-0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE.

REINFORCING STEEL

REINFORCING BARS SHALL BE DEFORMED, EXCEPT AS NOTED IN ACI 301.

USE OF EPOXY-COATED BARS IS NOT PERMITTED.

GRADE
ALL WELDED BARS SHALL BE GRADE 60, REFER TO ASTM STANDARD A706.

#4 BARS OR LARGER SHALL BE GRADE 60, REFER TO ASTM STANDARD A615.

#3 BARS OR SMALLER SHALL BE GRADE 40, REFER TO ASTM STANDARD A615.

WELDED WIRE FABRIC SHALL BE GRADE 60, REFER TO ASTM STANDARD A185.

CLEAR COVER
ALL DIMENSIONS NOT NOTED AS "CLR" ARE TO THE CENTER OF THE BAR.

FOR CLEAR COVER REQUIREMENTS REFER TO TYPICAL DETAIL "MINIMUM COVER FOR NON-PRESTRESSED STEEL".

REINFORCEMENT SUPPORTS
REINFORCEMENT SUPPORT SHALL BE PROVIDED TO MAINTAIN CLEAR DIMENSIONS SHOWN ON PLANS AND SHALL CONFORM TO ONE OF THE FOLLOWING SUPPORT TYPES: WIRE, COATED WIRE, PRECAST CONCRETE, PLASTIC.

REINFORCEMENT SUPPORT SHALL COMPLY WITH ACI 301.

LAP SPLICING
UNLESS NOTED OTHERWISE TACK WELDING OF REINFORCING BARS NOT ALLOWED.

FOR LAP LENGTH REQUIREMENTS REFER TO TYPICAL DETAIL "LAP LENGTH SCHEDULE".

MECHANICAL SPLICE COUPLERS
MECHANICAL SPLICE COUPLERS SHALL HAVE CURRENT ICC-ES APPROVAL AND SHALL BE CAPABLE OF DEVELOPING 125% OF THE STRENGTH OF THE BAR.

WELDING
WELDING OF REINFORCING BARS, METAL INSERTS, AND CONNECTIONS SHALL CONFORM TO AWS D1.4.

BENDING
BENDING SHALL BE MADE ONLY AT LOCATIONS SHOWN ON PLANS OR DETAILS. ALL REINFORCING SHALL BE BENT COLD. BARS SHALL NOT BE UNBENT AND REBENT. #6 BAR AND SMALLER MAY BE COLD FIELD BENT. #6 BAR AND LARGER SHALL NOT BE FIELD BENT WITHOUT PRIOR APPROVAL FROM ENGINEER.

PLACE AND DETAIL
ALL BARS SHALL BE DETAILED AND PLACED PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.

PRESTRESSING STEEL
PRIOR TO CONCRETE PLACEMENT, TOP 3 INCHES OF SUB-BASE SHALL BE WETTED SUFFICIENTLY TO SATURATE SUB-BASE WITHOUT ANY STANDING WATER.

ULTIMATE TENSILE STRENGTH SHALL BE 41.3 KIPS.

CROSS SECTIONAL AREA SHALL BE 0.153 SQUARE INCHES.

MODULUS OF ELASTICITY SHALL BE 27,000,000 POUNDS PER SQUARE INCH.

EFFECTIVE FORCE SHALL BE 27 KIPS.

TRANSFER FORCE SHALL BE 28.9 KIPS.

STRUCTURAL LEGEND

	ROOF MOUNTED EQUIPMENT		STEEL COLUMN (W, HSS)
	SPOT ELEVATION		STEEL BEAM
	SECTION CUT LINE		STEEL MOMENT CONNECTION
	ELEVATION CALLOUT		STEEL DRAG CONNECTION
	ELEVATION		STEEL DOUBLE ANGLE CONNECTION
	STEP IN ELEVATION		STEEL DIAGONAL BRACING
	COLUMN FOOTING		STEEL BAR GRATING
	WALL FOOTING		STEEL MOMENT FRAME
	CONCRETE PILE		CONCRETE OVER METAL DECK
	GRADE BEAM		METAL DECK
	CONCRETE WALL		STUD BEARING WALL
	CONCRETE COLUMN		STUD SHEAR WALL
	CONCRETE BEAM		WOOD POST
	CONCRETE MOMENT FRAME		WOOD BEAM OR HEADER
	ONE WAY CONCRETE SLAB		STRAP AT OPENING
	TWO WAY CONCRETE SLAB		HOLD DOWN TIE DOWN
	PT TENDON W DEAD END		WOOD SHEATHING
	PT TENDON STRESSED AT BOTH ENDS		WOOD DECKING
	MASONRY WALL		HANGER
	MASONRY LINTEL		JOIST / TRUSS ARROW
	MASONRY PILASTER		OVERBUILD FRAMING, SEE TYPICAL DETAIL.
	MASONRY JAMB		NON- STRUCTURAL STUD WALL
			LEDGER

NOT ALL SYMBOLS
MAY BE USED

STANDARD ABBREVIATIONS

C	CENTERLINE
(E)	EXISTING
AB	ANCHOR BOLT
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ARCH	ARCHITECTURAL
ASD	ALLOWABLE STRESS DESIGN
BLDG	BUILDING
BLKG	BLOCKING
BN	BOUNDARY NAILING OR FASTENERS
BO	BOTTOM OF
BOT	BOTTOM
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DIA OR Ø	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DWG	DRAWING
EA	EACH
ELEV	ELEVATION
EN	EDGE NAILING
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
FDN	FOUNDATION
FF	FINISH FLOOR
FLR	FLOOR
FN	FIELD NAILING
FT	FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GSN	GENERAL STRUCTURAL NOTES
GT	GIRDER TRUSS
HI	HIGH
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SHAPE
HT	HEIGHT
K	KIP (1,000 LBS)
KLF	KIPS PER LINEAR FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LO	LOW
LONG	LONGITUDINAL
LRFD	LOAD AND RESISTANCE FACTOR DESIGN
LT	LIGHT
MAX	MAXIMUM
MECH	MECHANICAL
MFD	MANUFACTURED
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NTS	NOT TO SCALE
O.C.	ON CENTER
OPP	OPPOSITE HAND
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PREFAB	PREFABRICATION
PRELIM	PRELIMINARY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
REINF	REINFORCING
RECD	REQUIRED
RME	ROOF MOUNTED EQUIPMENT
SCHED	SCHEDULE
SIM	SIMILAR
SMS	SHEET METAL SCREW
SPEC	SPECIFICATION
STD	STANDARD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T.O.	TOP OF
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WITH
W/O	WITHOUT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

RECEIVED
AUG 25 2016
CITY OF LAS VEGAS
PERMITS

SHEET INDEX

SHEET NO.	SHEET TITLE
S0.1	GENERAL STRUCTURAL NOTES
S0.2	GENERAL STRUCTURAL NOTES
S1.0	OVERALL
S1.1	BASKETBALL COURT PLAN
S1.2	BASKETBALL COURT PT PLAN
S2.1	TRASH ENCLOSURE
S3.1	TYPICAL DETAILS
S4.1	FOUNDATION DETAILS

PLANS APPROVED
STRUCTURAL
Building & Safety Dept.
City of Las Vegas, Nevada
MM AUG 31 2016
Does Not Include Electrical, Architectural,
Plumbing/Mechanical or Civil
Improvements. Make No Change
Without Approval. Plan is
Not a Permit to Violate Any Ordinance.

THESE PLANS WERE CHECKED
UNDER THE 2012 IRC,
THE 2011 NEC, AND THE
2012 IBC, UPC, AND UMC

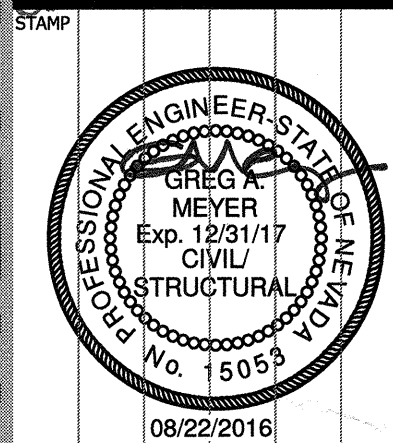


REVISIONS
1 PLN CHK 8/16/16

CONSULTANT	ENGINEERING SYSTEM SOLUTIONS STRUCTURAL - MEP - BUILDING CONSULTING www.es2eng.com BUILDING RELATIONS EXCEEDING EXPECTATIONS JOB NUMBER: 15-2044 3635 RANCHO DRIVE, STE. A LAS VEGAS, NV 89106 PHONE: (702) 627-6276 FAX: (702) 627-6276 TRAVIS E. JANS, P.E. LICENSED PROFESSIONAL ENGINEER ENGINEERING SYSTEM SOLUTIONS AND SHALL NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF ENGINEERING SYSTEM SOLUTIONS.
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Dexter Park Renovation

GENERAL STRUCTURAL NOTES



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN	DPE
FILE	15.2044
DATE	7/6/2016
SCALE	N/A
BID NO.	15.54979.TF
CLV DWG NO.	650.16-14
HANSEN NO.	54979
SHT NO.	

S0.1

GENERAL STRUCTURAL NOTES

POST-TENSIONED FOUNDATIONS

THE INFORMATION IN THIS SECTION APPLIES ONLY TO THE CONSTRUCTION OF POST-TENSIONED SLABS AND FOUNDATIONS ON GROUND. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR EMBEDDED HARDWARE, ANCHOR BOLTS, HOLDOWNS, POST BASES, AND OTHER SUCH ITEMS DESIGNED AND SPECIFIED BY OTHERS

DESIGN OF POST-TENSIONED SLABS ON GROUND (PTSG) HAS BEEN PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED BY THE POST-TENSIONING INSTITUTE (PTI) AS PUBLISHED IN THEIR 1996 SECOND EDITION OF "DESIGN AND CONSTRUCTION OF POST-TENSIONED SLABS ON GROUND". ACCORDINGLY, ALL PTSG FOUNDATIONS, AS SPECIFIED BY THESE CONSTRUCTION DOCUMENTS, SHALL FALL WITHIN THE LIMITATIONS AND SPECIFICATIONS AS CONTAINED IN THE ABOVE-REFERENCED DESIGN MANUAL. CONTRACTOR AND OWNER SHALL BE RESPONSIBLE TO ENSURE STRICT COMPLIANCE TO ALL PTI SPECIFICATIONS, TO BE PROVIDED IN CONJUNCTION WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, FOR ALL SITE PREPARATIONS, CONSTRUCTION AND POST-CONSTRUCTION MAINTENANCE OF SLABS, FOUNDATIONS, AND SURROUNDING AREA.

TENDON PLACEMENT

PLACING OF TENDONS AND MILD REINFORCING SHALL BE AS FOLLOWS:

ALL TENDON INTERSECTIONS SHALL BE CENTERED IN CONCRETE SLAB DEPTH, UNLESS NOTED OTHERWISE.

INTERIOR TENDONS ARE TO BE PLACED AT THE APPROXIMATE LOCATION DIMENSIONED ON PLAN. TENDONS MAY BE MOVED Laterally 12 INCHES MAXIMUM FROM SPECIFIED PLAN LOCATIONS TO AVOID EMBEDS, BLOCK OUTS, ETC. THE MINIMUM RADIUS OF CURVATURE TO ACHIEVE A VERTICAL OR HORIZONTAL TRANSITION IN THE TENDON ALIGNMENT SHALL BE 10 FEET. TENDON LOCATIONS NOT SHOWN ON PLAN SHALL BE PLACED AT APPROXIMATE EQUAL SPACES BETWEEN DIMENSIONED CONTROL POINTS.

SECURE ALL TENDONS AT EACH INTERSECTION AND/OR 4 FEET 6 INCHES ON CENTER MAXIMUM WITH THE APPROPRIATE TENDON SUPPORT. PLASTIC CHAIRS WHICH PROVIDE SADDLE OR SIDE CLIPS FOR THE TENDONS NEED ONLY BE TIED AT EVERY THIRD INTERSECTION. BLOCKS OR OTHER CHAIRS WHICH ALLOW THE TENDON TO MOVE Laterally SHALL BE TIED AT EACH INTERSECTION. TIE ALL TENDON INTERSECTIONS AT THE PERIMETER OF THE SLAB.

SECURE THE TENDON DEAD END AND STRESSING END ANCHORS TO FORM BOARDS WITH NAILS. REMOVE PLASTIC TENDON SHEATHING WITHIN 3 INCHES OF BACK OF ANCHOR.

TENDON SUPPORTS PLACED ON SAND SHALL HAVE AN ADEQUATE BEARING SURFACE TO MAINTAIN POSITION DURING CONCRETE PLACEMENT.

PLACEMENT OF MILD REINFORCING SHALL BE COORDINATED WITH PLACEMENT OF POST-TENSIONING TENDONS. PROPER TENDON PLACEMENT MAINTAINS PRIORITY.

CONCRETE PLACEMENT

PLACEMENT OF CONCRETE SHALL BE AS FOLLOWS:

CONCRETE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT TENDON PLACEMENTS ARE NOT DISTURBED DURING CONCRETE PLACEMENT.

PROVIDE PROPER CONCRETE COVER AND CONSOLIDATION AROUND ANCHORAGES, BOTH DEAD AND STRESSING, PER DETAILS.

TENDON STRESSING

STRESSING OF TENDONS SHALL BE AS FOLLOWS:

ALL JACKS USED TO STRESS TENDONS SHALL BE RECENTLY (WITHIN 60 DAYS) CALIBRATED. EACH JACK SHALL BE ACCOMPANIED WITH A CERTIFIED CALIBRATION SHEET CORRELATING HYDRAULIC PRESSURE TO TENDON FORCE.

STRESSING OF TENDONS MAY PROCEED WHEN THE CONCRETE COMPRESSIVE STRENGTH REACHES 2000 POUNDS PER SQUARE INCH MINIMUM. IT IS RECOMMENDED TO STRESS TENDONS AS EARLY AS POSSIBLE TO REDUCE POTENTIAL SHRINKAGE CRACKS. PARTIAL STRESSING (25 PERCENT OF TOTAL FORCE) THE DAY AFTER CONCRETE PLACEMENT IS RECOMMENDED FOR ALL TENDONS. SINCE THE SLAB DOES NOT HAVE THE STRENGTH TO SUPPORT HEAVY LOADS PRIOR TO FULL TENDON STRESSING, THE CONTRACTOR SHALL EXERCISE CARE TO ENSURE THAT THE SLABS ARE NOT OVERLOADED PRIOR TO FULLY STRESSING TENDONS.

TENDONS SHALL BE CLEARLY MARKED SO THAT ELONGATIONS CAN BE MEASURED AND RECORDED.

TOTAL MAXIMUM JACKING FORCE SHALL NOT EXCEED 33,000 POUNDS. TENDON STRESSING OPERATOR SHALL MAINTAIN RIGID CONTROL OF PRESSURE READINGS.

ALL TENDON STRESSING OPERATIONS SHALL BE SUPERVISED BY PERSONS PROPERLY TRAINED AND EXPERIENCED IN POST-TENSIONING OPERATIONS. IT IS RECOMMENDED THAT OPERATORS DO NOT STAND BEHIND THE HYDRAULIC JACK DURING STRESSING.

CONTROL JOINTS

POST-TENSIONED CONCRETE SLABS ON GROUND SHALL NOT HAVE CONTROL JOINTS UNLESS SPECIFICALLY NOTED ON PLANS.

DEFERRED SUBMITTALS

SPECIALTY ITEMS

PREFABRICATED OR SPECIALTY ITEMS AND THEIR COMPONENTS, WHICH ARE INDICATED BY THE STRUCTURAL DRAWINGS TO BE DESIGNED BY OTHERS, MAY BE SUBMITTED TO THE ARCHITECT AND/OR ENGINEER OF RECORD FOR REVIEW AS A DEFERRED SUBMITTAL, PROVIDED THAT SUCH SUBMITTAL IS AUTHORIZED BY THE BUILDING DEPARTMENT. DEFERRED SUBMITTALS REQUIRED TO BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD SHALL INCLUDE BUT NOT BE LIMITED TO:

- CONCRETE MIX DESIGN
- BASKETBALL STANDARD
- SHADE STRUCTURES

PREPARATION

ALL DEFERRED SUBMITTALS SHALL INCLUDE CALCULATIONS AND DRAWINGS PREPARED IN ACCORDANCE WITH ALL APPLICATION BUILDING CODES AND STAMPED BY AN APPROPRIATELY LICENSED PROFESSIONAL ENGINEER. SUBMITTALS SHALL SHOW LOCATION AND MAGNITUDE OF LOADS, SIZE AND CONFIGURATIONS OF MEMBERS, AND COMPATIBILITY WITH THE PRIMARY STRUCTURAL SYSTEM.

REVIEW

DEFERRED SUBMITTAL ITEMS SHALL BE REVIEWED IN ACCORDANCE WITH STANDARD SHOP DRAWING REVIEW PROCEDURES AS DESCRIBED IN THE GENERAL REQUIREMENTS SECTION OF THE GENERAL STRUCTURAL NOTES.

SPECIAL INSPECTIONS

SPECIAL INSPECTION INDEPENDENT OF THE CONTRACTOR, ARCHITECT, AND ENGINEER OF RECORD SHALL BE PROVIDED BY OWNER ACCORDING TO IBC CHAPTER 17. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, NOT THE SHOP DRAWINGS. THE SPECIAL INSPECTOR SHALL SEND REPORTS TO THE OWNER, BUILDING OFFICIAL, ARCHITECT, ENGINEER, AND CONTRACTOR FOR CORRECTION. THE SPECIAL INSPECTOR SHALL SUBMIT A BI-WEEKLY AND A FINAL SIGNED REPORT STATING THAT THE SPECIAL INSPECTION WORK WAS, TO THE BEST OF HIS KNOWLEDGE, IN CONFORMANCE WITH THE PLANS, SPECIFICATIONS, AND APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.

CONTINUOUS OR PERIODIC SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK:

SOILS		
VERIFICATION AND INSPECTION	CONT	PERIODIC
VERIFY MATERIALS BELOW FOOTING ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		■
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		■
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		■
VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	■	
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY		■

POST-TENSIONED CONCRETE		
VERIFICATION AND INSPECTION	CONT	PERIODIC
INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	■	
INSPECTION OF PRESTRESSED CONCRETE APPLICATION OF PRESTRESSING FORCES	■	
VERIFICATION OF IN-SITU CONCRETE STRENGTH PRIOR TO STRESSING OF TENDONS		■

MASONRY - LEVEL B (TMS 402/ACI 530/ASCE 5)		
VERIFICATION AND INSPECTION	CONT	PERIODIC
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS		■
2. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE: A. PROPORTIONS OF SITE-PREPARED MORTAR B. CONSTRUCTION OF MORTAR JOINTS C. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES D. LOCATION OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES E. PRESTRESSING TECHNIQUE F. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY		■
3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE: A. GROUT SPACE B. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS E. CONSTRUCTION OF MORTAR JOINTS		■
4. VERIFY DURING CONSTRUCTION: A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION C. WELDING OF REINFORCEMENT D. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F) E. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE F. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE G. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS H. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	■	■

SPECIAL INSPECTION/QAA IS REQUIRED

1. **Post-installed anchors (that City of Las Vegas' staff perform)** (expansion anchors and/or concrete screws and/or epoxy anchors) in hardened concrete per the Evaluation Report (I.C.C. and/or I.A.P.M.O. and/or City of Los Angeles and manufacturer's specifications) **call the City of Las Vegas' Express Inspections at 702-229-6914 to schedule.** A post-installed anchors inspection is scheduled as a #160 Express Inspection and charged at one hundred sixty dollars (\$160.00) per hour for dispatch scheduled 160 inspections with one (1) hour minimum.
2. **Other special inspections (that City of Las Vegas' staff perform)** as indicated on the approved structural plans are scheduled as a #155 City of Las Vegas' Express Inspections and charged at three hundred seventeen dollars (\$317.00) per dispatch scheduled inspection with two (2) hours minimum for 155 inspections. **Call the City of Las Vegas' Express Inspections at 702-229-6914 to schedule.**
3. **Approved steel fabricator** is a fabricator that is approved by the American Institute of Steel Construction (A.I.S.C.) and/or Clark County Department of Building and Fire Prevention Bureau's Building Official, Las Vegas, Nevada (CC) and/or International Accreditation Services (I.A.S.) and/or International Code Council (I.C.C.) and/or International Association of Plumbing and Mechanical Officials (I.A.P.M.O.) and/or City of Los Angeles. If the steel fabricator is not an approved steel fabricator, then **inspection of non-approved fabricator's fabrication facility is required by a third party QAA/special inspection agency** (per IBC Sections 1704.2.4, 1704.2.5, 1704.2.5.1, Clark County Technical Guidelines and/or AISC 341 and/or AISC 360 and/or if approved by the City of Las Vegas, other nationally recognized code/standard evaluation/listing agency).
4. **Approved precast and pre-stressed concrete fabricator** is a fabricator that is approved by the Precast/Prestressed Concrete Institute (P.C.I.) and/or Clark County Department of Building and Fire Prevention Bureau's Building Official, Las Vegas, Nevada (CC) and/or International Accreditation Services (I.A.S.) and/or International Code Council (I.C.C.) and/or International Association of Plumbing and Mechanical Officials (I.A.P.M.O.) and/or City of Los Angeles.
5. All work falling within the categories identified on the approved structural plans, calculations and specifications shall be inspected and/or tested in accordance with the provisions of Chapter 17 of the International Building Code (I.B.C.), City of Las Vegas' adopting ordinances and IBC referenced standards.
6. If a **third party QAA/special inspections** (special inspections that the City of Las Vegas staff does not perform) are required as identified in approved structural plans, calculations and specifications then each special inspection agency shall be approved by the Clark County Department of Building and Fire Prevention Bureau's Building Official (Clark County Building Official) and pursuant to the Clark County's Technical Guidelines (TG) including, but not limited to TG-016 and TG-016A, prior to permit issuance and prior to performing any duties. Special inspectors shall display approved identification, as stipulated by the Clark County Building Official, when performing the function of a special inspector.
7. Special inspection and testing shall meet the minimum requirements of I.B.C. Chapter 17 and, including, but not limited to Clark County's Technical Guidelines TG-016 and TG-016A, City of Las Vegas' adopting ordinances and I.B.C. referenced standards.
8. If a **third party QAA/special inspections** (special inspections that the City of Las Vegas staff does not perform) are required as identified on the approved structural plans, calculations and specifications then all **Final QAA/Special Inspection reports are to be submitted** (for review and approval) to the City of Las Vegas' area Inspection Supervisor at the City of Las Vegas Development Services Center, 333 N. Rancho Dr., 2nd Floor, Las Vegas, NV 89106. The review fee is one hundred seventy six dollars (\$176.00) per hour with a one hour minimum.
9. If there are **deferred submittals**, then all deferred submittals require engineering design (plans, calculations and specifications) by a Nevada Licensed Civil or Structural Engineer.
10. If there are **deferred submittals**, then all deferred submittals are to be reviewed and approved with no exceptions noted by the Engineer of Record.
11. If there are **deferred submittals** then inspection holds e.g. shear (109 inspection) and/or framing (120 inspection) and/or building final (140 inspection), will be in place until all deferred submittals are reviewed, approved (by the City of Las Vegas' staff) and fees are paid. Please allow up to four (4) weeks for review and approval process.

RECEIVED
AUG 25 2016
CITY OF LAS VEGAS
PERMITS

PLANS APPROVED
STRUCTURAL
Building & Safety Dept.
City of Las Vegas, Nevada
MM AUG 31 2015
Does Not Include Electrical, Architectural,
Mechanical/HVAC, Mechanical, or Off-Site
Improvements. Make No Changes
Without Approval. Plan Is
Not a Permit to Violate Any Ordinance.

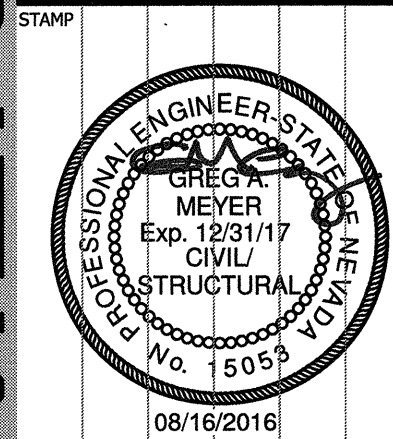


REVISIONS
PLN CHK REV 08/16/2016

CONSULTANT	ENGINEERING SYSTEM SOLUTIONS STRUCTURAL - MEP - BUILDING COMMISSIONING www.es2eng.com
BUILDING RELATIONSHIPS	EXCEEDING EXPECTATIONS
JOB NUMBER	15.2044
1071 FERNBERG ROAD, STE. 101 BOCA RATON, FL 33433	3025 N. RANCHO DRIVE LAS VEGAS, NV 89106 800.848.8484
THESE PLANS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF THE ENGINEER OF RECORD AND SHALL NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD.	

Dexter Park Renovation

GENERAL STRUCTURAL NOTES



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

DEVELOPMENT SERVICES CENTER
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6276
FAX: (702) 384-4846

DRAWN	DPE
FILE	15.2044
DATE	7/6/2016
SCALE	N/A
BID NO	15.54979.TF
CLV DWG NO	650.16-14
HANSEN NO	54979
SHT NO	1

15013