

HUMBOLDT TRANSIT AUTHORITY

FUELING FACILITY PROJECT

EUREKA, CALIFORNIA



PREPARED BY:

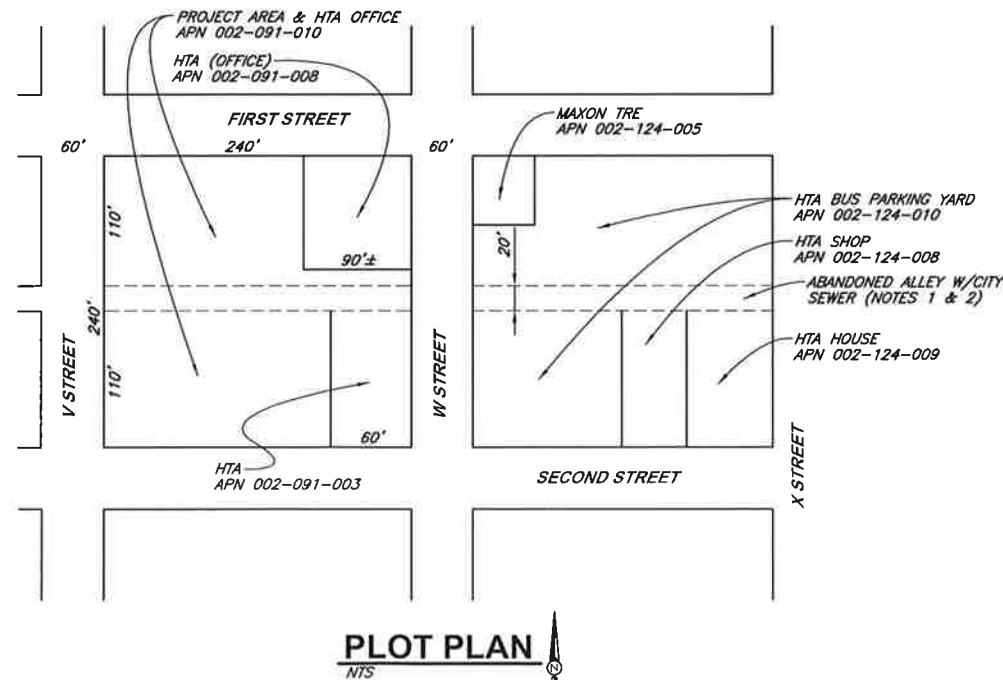
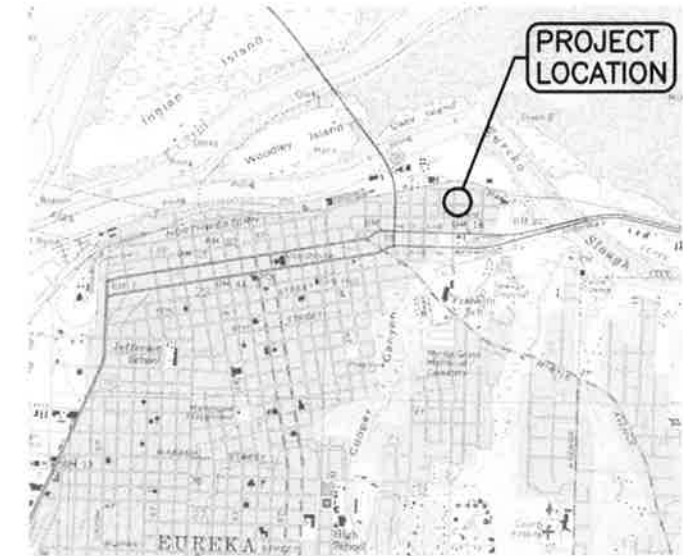


FEBRUARY 2015

APPROVALS

GREG PRATT
HUMBOLDT TRANSIT AUTHORITY
GENERAL MANAGER
DATE

JARED S. O'BARR
SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
PROJECT ENGINEER
DATE



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SAVED: 3/2/2015 10:20 AM INDDOWNEY, PLOTTED: 3/2/2015 10:20 AM NATHAN DOWNEY
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812 W. WABASH AVE.
EUREKA, CA. 95501



NO.	DATE	REVISION	BY

DESIGN	CHK	APVD
JSO/PB	CDN	MEL

HUMBOLDT TRANSIT AUTHORITY
FUELING FACILITY PROJECT
133 V ST (APN 002-091-008) EUREKA, CALIFORNIA

SHEET	G-1
SEQ	1
DATE	2/2015
PROJ. NO.	014004-100



COVER

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ABBREVIATIONS

A	ABN --- ABANDON	G	GAS	R	RADIUS
ABS --- ACRYLONITRILE-BUTADIENE-STYRENE	GALV --- GALVANIZED	GA --- GAGE	GALV --- GALVANIZED	RC --- RELATIVE COMPACTION	RC --- RELATIVE COMPACTION
AB --- ANCHOR BOLT, AGGREGATE BASE	GIP --- GALVANIZED IRON PIPE	GALV --- GALVANIZED	GIP --- GALVANIZED IRON PIPE	RCP --- REINFORCED CONCRETE PIPE	RCP --- REINFORCED CONCRETE PIPE
AC --- ASPHALTIC CONCRETE	GM --- GAS METER	GM --- GAS METER	GM --- GAS METER	RD --- REDUCER	RD --- REDUCER
ACP --- ASBESTOS CEMENT PIPE	GPD --- GALLONS PER DAY	RD --- REDUCER	GPD --- GALLONS PER DAY	RWD --- REDWOOD	RWD --- REDWOOD
ACI --- AMERICAN CONCRETE INSTITUTE	GPH --- GALLONS PER HOUR	RWD --- REDWOOD	GPH --- GALLONS PER HOUR	REF --- REFER OR REFERENCE	REF --- REFER OR REFERENCE
ADJ --- ADJUSTABLE	GPM --- GALLONS PER MINUTE	REF --- REFER OR REFERENCE	GPM --- GALLONS PER MINUTE	REINF --- REINFORCED, REINFORCING	REINF --- REINFORCED, REINFORCING
AGGR --- AGGREGATE	GRD --- GRADE OR GROUND	REINF --- REINFORCED, REINFORCING	GRD --- GRADE OR GROUND	REQD --- REQUIRED	REQD --- REQUIRED
AISC --- AMERICAN INSTITUTE OF STEEL CONSTRUCTION	GSP --- GALVANIZED STEEL PIPE	REQD --- REQUIRED	AISC --- AMERICAN INSTITUTE OF STEEL CONSTRUCTION	RET --- RETURN	RET --- RETURN
AL --- ALUMINUM	GV --- GATE VALVE	RET --- RETURN	AL --- ALUMINUM	RH --- RIGHT HAND	RH --- RIGHT HAND
ALT --- ALTERNATE	GYS --- GYPSUM	RH --- RIGHT HAND	ALT --- ALTERNATE	RM --- ROOM	RM --- ROOM
AP --- ANGLE POINT		RM --- ROOM	AP --- ANGLE POINT	RO --- ROUGH OPENING	RO --- ROUGH OPENING
APPROX --- APPROXIMATELY		RO --- ROUGH OPENING	APPROX --- APPROXIMATELY	RSP --- ROCK SLOPE PROTECTION	RSP --- ROCK SLOPE PROTECTION
ARCH --- ARCHITECTURAL		RSP --- ROCK SLOPE PROTECTION	ARCH --- ARCHITECTURAL	RT --- RIGHT OR RING TIGHT	RT --- RIGHT OR RING TIGHT
ASTM --- AMERICAN SOCIETY FOR TESTING & MATERIALS		RT --- RIGHT OR RING TIGHT	ASTM --- AMERICAN SOCIETY FOR TESTING & MATERIALS	R/W --- RIGHT OF WAY	R/W --- RIGHT OF WAY
AUTO --- AUTOMATIC		R/W --- RIGHT OF WAY	AUTO --- AUTOMATIC	RLW --- RAIN WATER LEADER	RLW --- RAIN WATER LEADER
AUX --- AUXILIARY		RLW --- RAIN WATER LEADER	AUX --- AUXILIARY		
AT --- AT			AT --- AT		
B		H	HOSE BIBB	S	SEWER
BC --- BEGIN CURVE		HDPE --- HIGH DENSITY POLYETHYLENE	HOSE BIBB	S --- SEWER	S --- SEWER
BCR --- BEGIN CURB RETURN		HDR --- HEADER	HDPE --- HIGH DENSITY POLYETHYLENE	SL --- SLOPE	SL --- SLOPE
BD --- BOARD		HDW --- HARDWARE	HDR --- HEADER	SCHED --- SCHEDULE	SCHED --- SCHEDULE
BF --- BLIND FLANGE		HMA --- HOT MIX ASPHALT	HDW --- HARDWARE	SCSD --- SCOTIA COMMUNITY SERVICES DISTRICT	SCSD --- SCOTIA COMMUNITY SERVICES DISTRICT
BFV --- BUTTERFLY VALVE		HOR --- HORIZONTAL	HMA --- HOT MIX ASPHALT	SD --- STORM DRAIN	SD --- STORM DRAIN
BK --- BOOK OR BACK		HP --- HORSEPOWER, HIGH POINT	HOR --- HORIZONTAL	SDMH --- STORM DRAIN MANHOLE	SDMH --- STORM DRAIN MANHOLE
BLDG --- BUILDING		HR --- HOUR	HP --- HORSEPOWER, HIGH POINT	SECT --- SECTION	SECT --- SECTION
BM --- BENCH MARK, BEAM		HT --- HEIGHT	HR --- HOUR	SF --- SQUARE FOOT/FEET	SF --- SQUARE FOOT/FEET
BMP --- BEST MANAGEMENT PRACTICE		HW --- HOT WATER	HT --- HEIGHT	SHT --- SHEET	SHT --- SHEET
BO --- BLOW OFF		HWR --- HOT WATER RETURN	HW --- HOT WATER	SIM --- SIMILAR	SIM --- SIMILAR
BOT --- BOTTOM		HWS --- HOT WATER SUPPLY	HWR --- HOT WATER RETURN	SP --- SPACE OR SPACES	SP --- SPACE OR SPACES
BRG --- BEARING			HWS --- HOT WATER SUPPLY	SPEC --- SPECIFICATIONS	SPEC --- SPECIFICATIONS
BTWN --- BETWEEN				SO --- SQUARE	SO --- SQUARE
BV --- BALL VALVE				SO FT --- SQUARE FOOT	SO FT --- SQUARE FOOT
BVC --- BEGINNING OF VERTICAL CURVE				SO IN --- SQUARE INCH	SO IN --- SQUARE INCH
BW --- BACK OF WALK				SS --- SANITARY SEWER	SS --- SANITARY SEWER
BWV --- BACKWATER VALVE				SSCO --- SANITARY SEWER CLEAN OUT	SSCO --- SANITARY SEWER CLEAN OUT
C				SSMH --- SANITARY SEWER MANHOLE	SSMH --- SANITARY SEWER MANHOLE
C --- CHANNEL (STRUCTURAL SHAPE)				SST --- STAINLESS STEEL	SST --- STAINLESS STEEL
CARV --- COMBINATION AIR AND VACUUM RELEASE VALVE				STA --- STATION	STA --- STATION
CATV --- CABLE TELEVISION				STD --- STANDARD	STD --- STANDARD
CB --- CATCH BASIN				STL --- STEEL	STL --- STEEL
CEIL --- CEILING				STR --- STRUCTURAL	STR --- STRUCTURAL
CFM --- CUBIC FEET PER MINUTE				STRUCT --- STRUCTURE	STRUCT --- STRUCTURE
CFS --- CUBIC FEET PER SECOND				SUSP --- SUSPENDED	SUSP --- SUSPENDED
CHEM --- CHEMICAL				SW --- SIDEWALK	SW --- SIDEWALK
CI --- CAST IRON				SWPPP --- STORM WATER POLLUTION PREVENTION PLAN	SWPPP --- STORM WATER POLLUTION PREVENTION PLAN
CIP --- CAST IRON PIPE				SYMM --- SYMMETRICAL	SYMM --- SYMMETRICAL
C.I.P. --- CAST IN PLACE					
CJ --- CONSTRUCTION JOINT					
CLR --- CLEAR					
CL --- CENTERLINE					
CM --- CORRUGATED METAL PIPE					
CMU --- CONCRETE MASONRY UNIT					
CTSK --- COUNTERSINK					
CO --- CLEANOUT					
COL --- COLUMN					
CONC --- CONCRETE					
CONT --- CONTINUOUS OR CONTINUED					
COORD --- COORDINATE					
CPLD --- COUPLING					
CRS --- COLD ROLLED STEEL					
CTR --- CENTER					
CTS --- COPPER TUBE SIZE					
CU --- CUBIC FEET					
CU FT --- CUBIC FEET					
CV --- CHECK VALVE					
CW --- COLD WATER					
CY --- CUBIC YARD					
D					
D --- DEGREE (ANGLE)					
d --- PENNY (NAIL SIZE)					
DB --- DISTRIBUTION BOX					
DBL --- DOUBLE					
DF --- DROP INLET OR DUCTILE IRON					
DI --- DIAMETER					
DIA --- DIAGONAL					
DIM --- DIMENSION					
DIMJ --- DUCTILE IRON MECHANICAL JOINT					
DIP --- DUCTILE IRON PIPE					
DET --- DETAIL					
DWG --- DRAWING					
DW --- DRIVEWAY					
E					
(E) --- EXISTING					
EA --- EASTING OR EAST					
EC --- END CURVE					
ECR --- END CURB RETURN					
EF --- EACH FACE					
EFL --- EFFLUENT					
EG --- EXISTING GRADE/GROUND					
ELB --- ELBOW					
ELEC --- ELECTRIC OR ELECTRICAL					
ELEV --- ELEVATION					
ENGR --- ENGINEER					
EP --- EDGE OF PAVING					
EQ --- EQUAL					
EQUIP --- EQUIPMENT					
ER --- EDGE OF ROAD					
EVC --- END OF VERTICAL CURVE					
EW --- EACH WAY					
EWX --- EACH WAY, EACH FACE					
EXC --- EXCAVATE					
EXP --- EXPOSED OR EXPANSION					
EXP JT --- EXPANSION JOINT					
EXT --- EXISTING					
EXT --- EXTERIOR					
F					
F --- FLANGE					
FC --- FLEXIBLE COUPLING					
FCA --- OR FACE OF CURB					
FD --- FLANGED COUPLING ADAPTER					
FDC --- FIRE DEPARTMENT CONNECTION					
FDN --- FOUNDATION					
FF --- FINISH FLOOR					
FG --- FINISHED GRADE					
FH --- FIRE HYDRANT					
FIG --- FIGURE					
FIN --- FINISH					
FL --- FEMALE IRON PIPE					
FL --- FLOW LINE					
FLG --- FLOOR					
FLR --- FLOOR					
FLTR --- FILTER					
FO --- FIBER OPTIC					
FOC --- FACE OF CONCRETE					
FO --- FOOT OR FEET					
FT ² --- SQUARE FEET					
FT ³ --- CUBIC FEET					
FTG --- FOOTING					
FUT --- FUTURE					

UTILITIES LEGEND

PROPOSED	EXISTING	
		GATE VALVE
		PLUG VALVE
		BALL VALVE
		BUTTERFLY VALVE
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)
		3-WAY VALVE
		GLOBE VALVE
		ANGLE VALVE
		PRESSURE REGULATING VALVE
		PRESSURE RELIEF VALVE
		CHECK VALVE
		AIR OR VACUUM RELEASE VALVE
		AIR AND VACUUM VALVE
		COMBINATION AIR VALVE
		FLOW METER
		HOSE BIBB (NF= NON-FREEZE)
		REDUCER
		FIRE HYDRANT
		DROP INLET
		MANHOLE
		SEWER CLEAN OUT OR SEWER LATERAL
		UNDERGROUND ELECTRICAL
		OVERHEAD ELECTRICAL
		FIBER OPTIC LINE
		CABLE TELEVISION
		JOINT UTILITIES
		UNDERGROUND TELEMETRY LINE
		OVERHEAD TELEMETRY LINE
		UNDERGROUND TELEPHONE LINE
		OVERHEAD TELEPHONE LINE
		FIRE WATER LINE
		STEAM LINE
		WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		GAS LINE
		FORCE MAIN AND DIRECTION OF FLOW
		CULVERT
		POLE MOUNTED ROADWAY LUMINAIRE
		ITEM TO BE REMOVED
		ITEM TO BE ABANDONED IN PLACE
		WATER SERVICE-- WM-1= SINGLE WM-2= DUAL
		PULL BOX AND DESIGNATION
		SIGN AND DESIGNATION

CURVE DATA

R (RADIUS)
 L (LENGTH)
 Δ (DELTA)
 T (TANGENT)

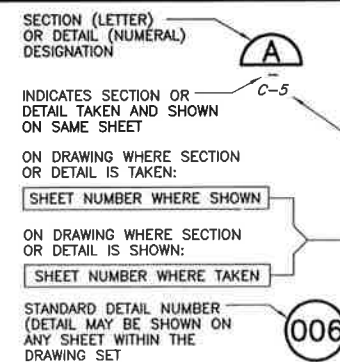
NOTES

- CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
- THIS IS A STANDARD SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
- SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

TOPOGRAPHIC LEGEND

PROPOSED	EXISTING	
		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY

DETAIL AND SECTION DESIGNATION



VERIFY SCALES
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DESIGN: JSO/PB
 DR: CDB
 CHK: MEL
 APVD: [Signature]

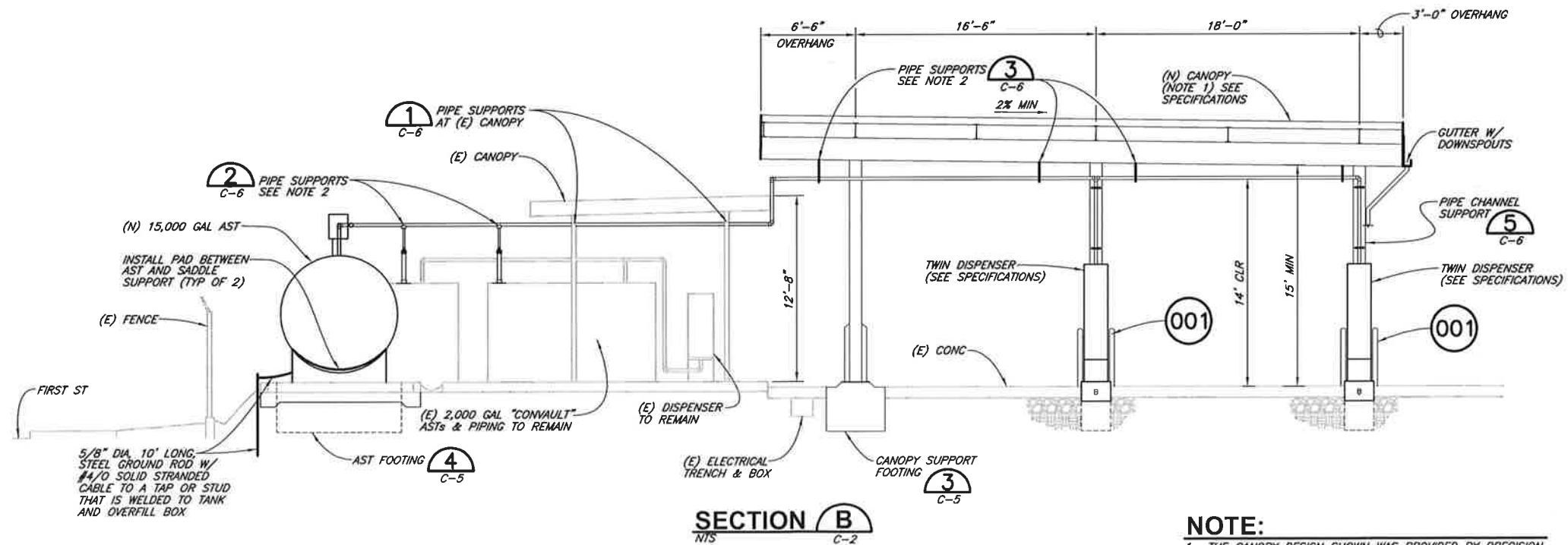
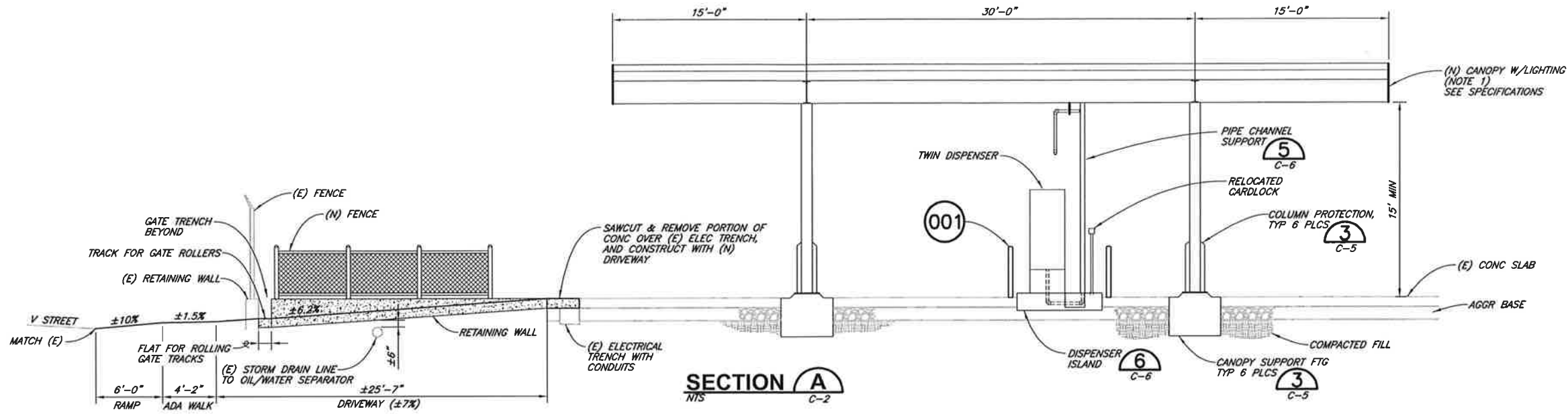
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HUMBOLDT TRANSIT AUTHORITY
 FUELING FACILITY PROJECT
 133 V ST (APN 002-091-008) EUREKA, CALIFORNIA

STANDARD ABBREVIATIONS AND LEGENDS

SHEET: G-2
 SEQ: 2
 DATE: 2/2015
 PROJ. NO.: 014004.100

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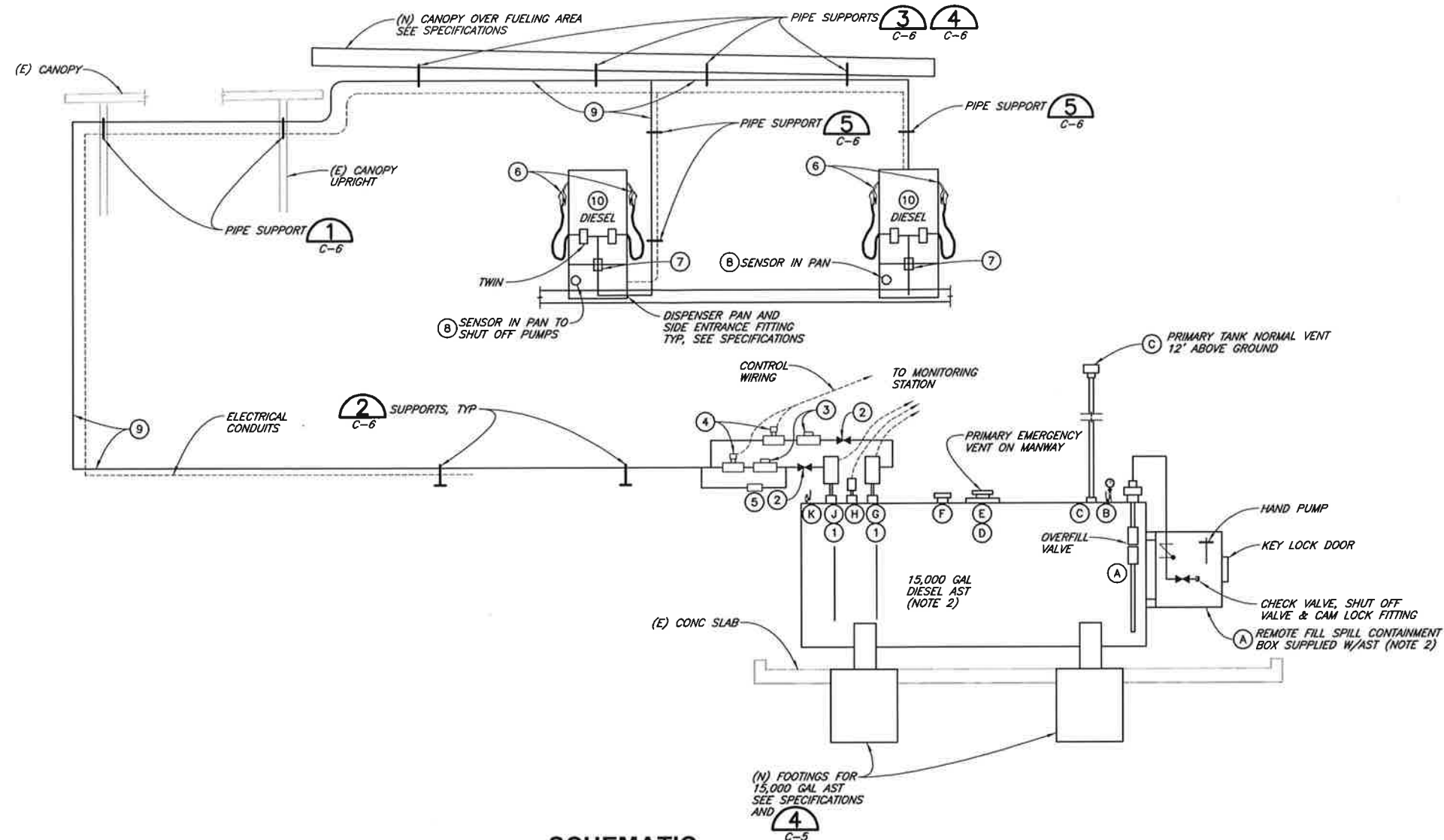
NOTE:
 1. THE CANOPY DESIGN SHOWN WAS PROVIDED BY PRECISION CANOPY; CALL WES ROBISON (801) 391-2619. AN ALTERNATE "APPROVED EQUAL" MAY BE USED TO DESIGN AND CONSTRUCT THE CANOPY (SEE SPECIFICATIONS).
 2. PIPE SUPPORTS SHALL BE INSTALLED AT SPACING SPECIFIED BY PIPE MANUFACTURER.



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SECTIONS	
DESIGN	USO/PB
DR	CDN
CHK	MEL
APVD	
HUMBOLDT TRANSIT AUTHORITY FUELING FACILITY PROJECT 133 V ST (APN 002-091-008) EUREKA, CALIFORNIA	
SHEET C-3	
SEQ 5	
DATE 2/2015	
PROJ. NO. 014004.100	

Revised 4-7-15

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SCHEMATIC
 NTS

PIPING & VALVE LEGEND

- ① 9000 SERIES MINI JET VARIABLE SPEED PUMP
- ② GATE VALVE AND OR CHECK VALVE
- ③ FIRE VALVE (EXTERNAL EMERGENCY VALVE)
- ④ SOLENOID VALVE
- ⑤ EXPANSION RELIEF VALVE
- ⑥ CURB HOSE, BREAKAWAY, SWIVEL, NOZZLE (TYP)
- ⑦ SHEAR VALVE
- ⑧ DISPENSER LEAK DETECTOR
- ⑨ DOUBLE WALL FUEL PIPING
- ⑩ DISPENSERS (3 ULTRA HIGH FLOW NOZZLES AND ONE HIGH FLOW NOZZLE)

AST APPURTENANCE LEGEND

- (A) 6" FPT PORT-4" DROP TO OVERFILL VALVE & DROP TUBE 3" TO REMOTE FILL (SPILL CONTAINMENT BOX) ON AST
- (B) 4" FPT PORT-LEVEL GLOCK GAUGE
- (C) 4" FPT PORT, REDUCER FITTING-3" STEEL PIPE W/PRIMARY VENT CAP
- (D) 24" MANWAY AND COVER
- (E) 8" EMERGENCY VENT (PRIMARY TANK ON MANWAY)
- (F) 8" EMERGENCY VENT (SECONDARY TANK)
- (G) 4" FPT PORT MINI-JET PUMP
- (H) 4" FPT (INVENTORY)
- (J) 4" FPT PORT MINI-JET PUMP
- (K) 2" FPT INTERSTITIAL MONITORING PORT (CONNECT INTO MONITORING SYSTEM)

NOTES:

1. PRODUCT AND MODEL NUMBERS USED FOR DESIGN MAY BE SUBSTITUTED IF "APPROVED EQUAL". SEE SPECIFICATIONS.
2. THE 15,000 GALLON ABOVEGROUND STORAGE TANK (AST), WILL BE PURCHASED BY HTA, AND INSTALLED BY CONTRACTOR. THE AST TO BE SUPPLIED IS A MODERN WELDING FIREGUARD UL 2085 PROTECTED, DOUBLE WALL CYLINDRICAL STEEL TANK. CALL PME EQUIPMENT SALES RALPH E. QUINONES (510) 265-1289.
3. THE AST HARDWARE, PUMPS, PIPING, CONTROLS, AND VALVES WERE SELECTED BY FRANKLIN FUEL SYSTEMS, CALL MATT SCHUESLER (925) 785-2740.
4. THE DISPENSERS AND APPURTENANCES WERE SELECTED TO MATCH PUMPS AND PIPING. FOR WAYNE DISPENSING SYSTEMS, CALL THOMAS GLAHN (267) 664-2425.

VERIFY SCALES
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 EUREKA, CA. 95501
 707-441-8855

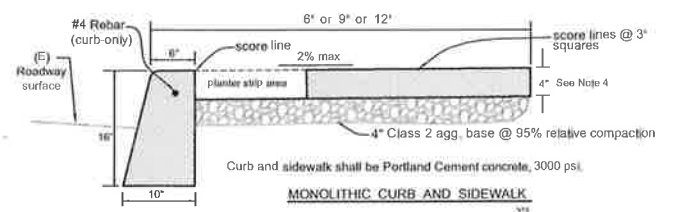
NO.	DATE	REVISION	BY

DESIGN	DR	CHK	APVD
JSO/PB	CDN	MEL	

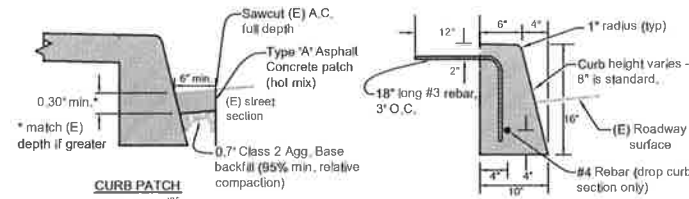
HUMBOLDT TRANSIT AUTHORITY
 FUELING FACILITY PROJECT
 133 V ST (AFN 002-091-008) EUREKA, CALIFORNIA
FUELING SYSTEM SCHEMATICS

SHEET	C-4
SEQ	6
DATE	2/2015
PROJ. NO.	014004.100

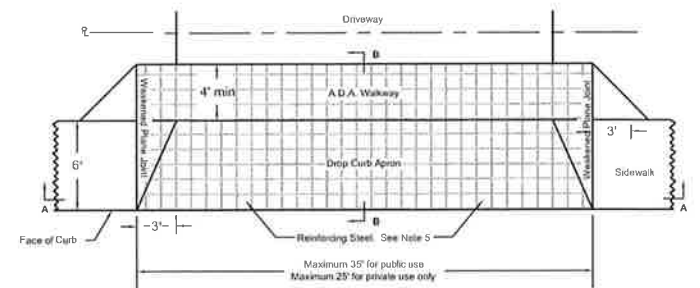
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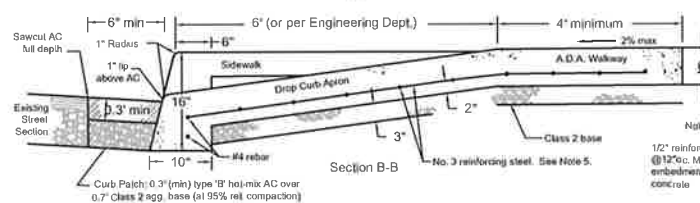
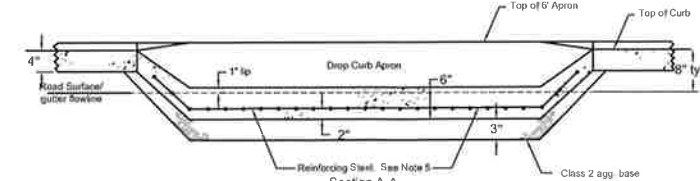
DETAIL 1
 NTS C-2
 (CONC CURB & SIDEWALK)



- NOTES:**
- Refer to City Resolution No. 6219 for additional information regarding concrete curb and sidewalk specifications.
 - All existing sidewalk areas being replaced shall be sawcut along and replaced to the nearest scoreline. Thoroughly tack coat all vertical surfaces prior to paving with AC.
 - Forms shall extend the full depth of the face of curb.
 - Sidewalk constructed within the radius of street intersections shall have a minimum thickness of 6" and be finished to appropriate ADA standards.
 - Weakened plane joints shall be installed in all sidewalks and curbs at intervals between 10' and 15', at the extension of property lines at street intersections, at both ends of all drop curb entrances, and at the property line where concrete is continuous across the property line. Weakened plane joints shall be installed in the curbs continuously with the weakened plane joints in the adjacent sidewalk.

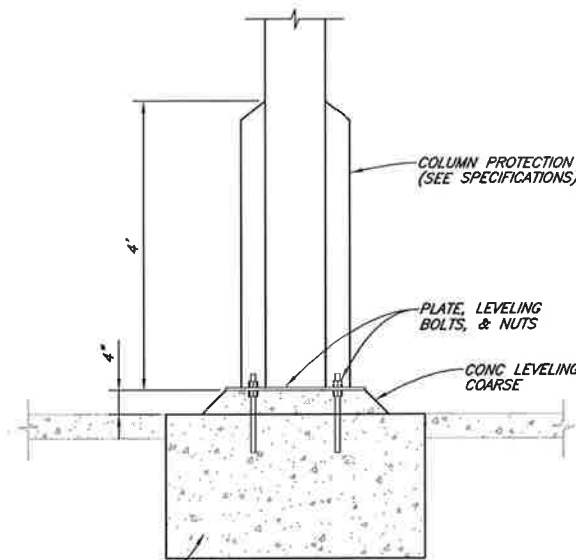


DETAIL 2
 NTS C-2
 (COMMERCIAL DRIVEWAY)

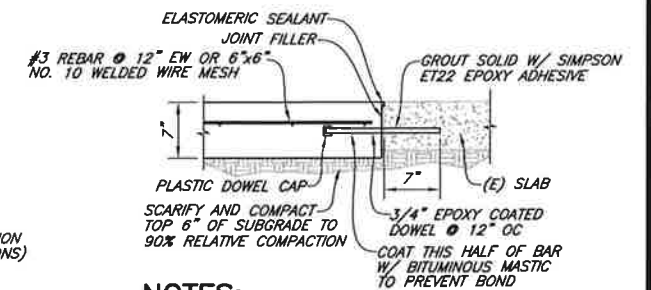


- Notes:**
- See Concrete Curb and Sidewalk detail drawing for details.
 - Refer to City Resolution No. 6219 for additional information regarding concrete curb and sidewalk specifications.
 - All existing sidewalk areas being replaced shall be sawcut along and replaced to the nearest scoreline.
 - Where (N) sidewalk or driveway meets the (E) sidewalk or driveway, the (E) sidewalk or driveway shall have No. 3 rebar doweled and epoxied into it (minimum embedment length = 3") at 3' O.C. with a minimum of 12" rebar exposed.
 - Reinforcing steel for commercial driveway shall be either No. 3 rebar at 12" E.W. or 6" x 6" No. 10 welded wire mesh.

SECTION
DETAIL 3
 NTS C-3
 (CANOPY SUPPORT)

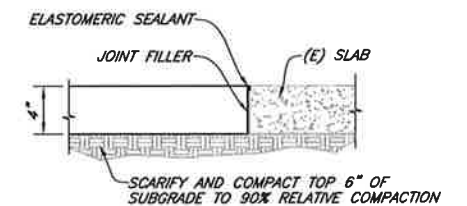


CANOPY FOOTING & REBAR IN ACCORDANCE W/MFRS ENGINEER APPROVED DRAWINGS (BY OTHERS)



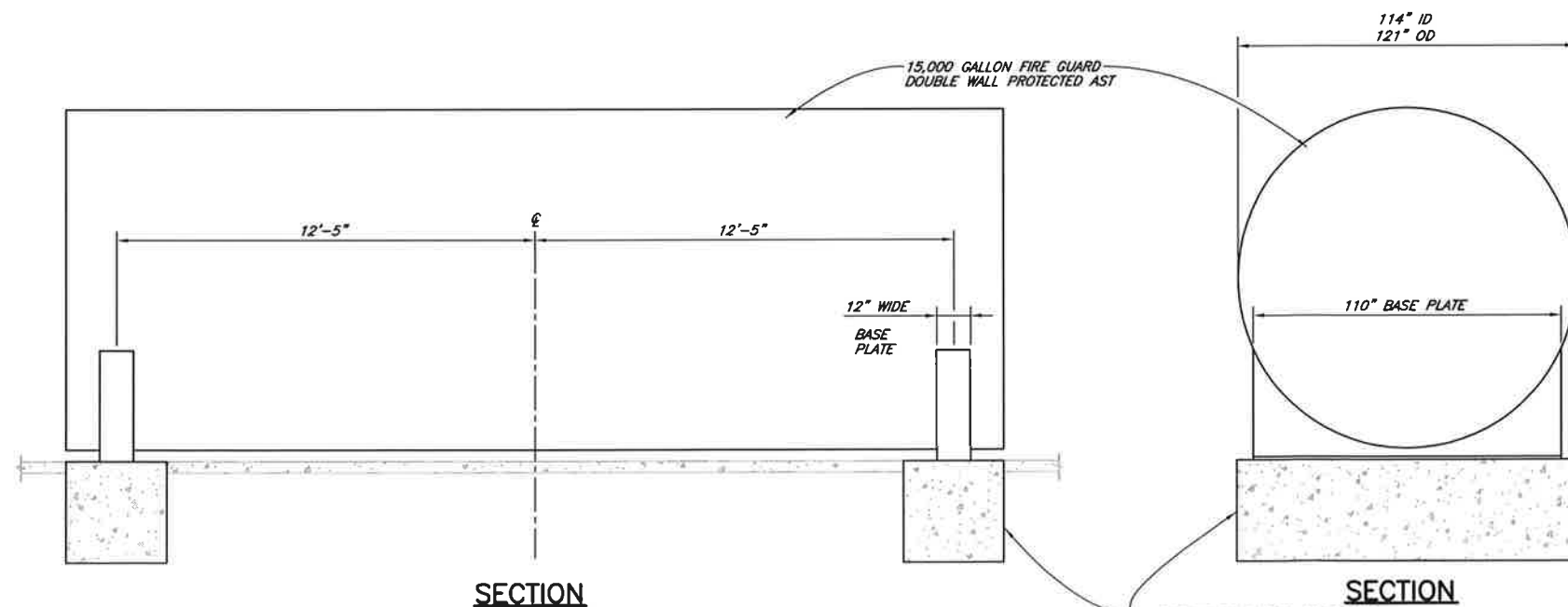
- NOTES:**
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
 - MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL BE 12 FEET EACH WAY.
 - CONCRETE SHALL HAVE AN AIR CONTENT OF 4% MIN.
 - EXISTING SLAB TO BE SAW CUT AT MATCH POINT.
 - REINFORCEMENT SHOULD BE INTERRUPTED AT CONTRACTION JOINTS.

DETAIL 5
 NTS C-2



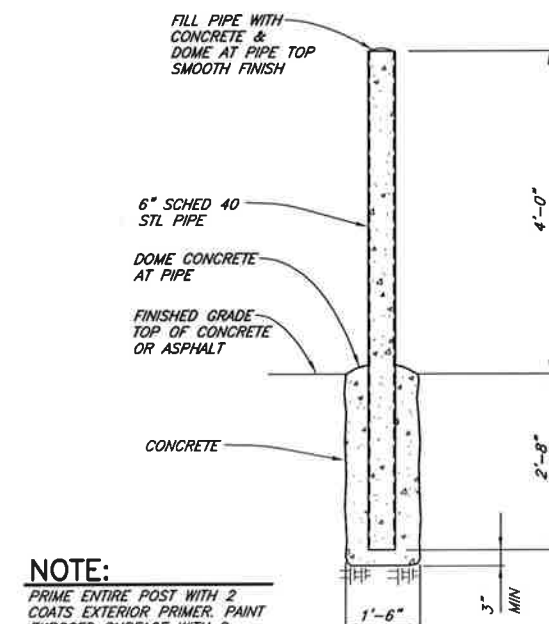
- NOTES:**
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
 - MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL BE 10 FEET EACH WAY.
 - CONCRETE SHALL HAVE AN AIR CONTENT OF 4% MIN.
 - EXISTING SLAB TO BE SAW CUT AT MATCH POINT.

DETAIL 6
 NTS C-2



DETAIL 4
 NTS C-3
 (AST FOUNDATION)

FOOTING DIMENSION AND REBAR IN ACCORDANCE W/MFRS ENGINEER APPROVED DRAWINGS (BY OTHERS)



- NOTE:**
- PRIME ENTIRE POST WITH 2 COATS EXTERIOR PRIMER. PAINT EXPOSED SURFACE WITH 2 COATS TRAFFIC YELLOW ENAMEL.

TYPE 1
GUARD POST 001
 NTS



VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
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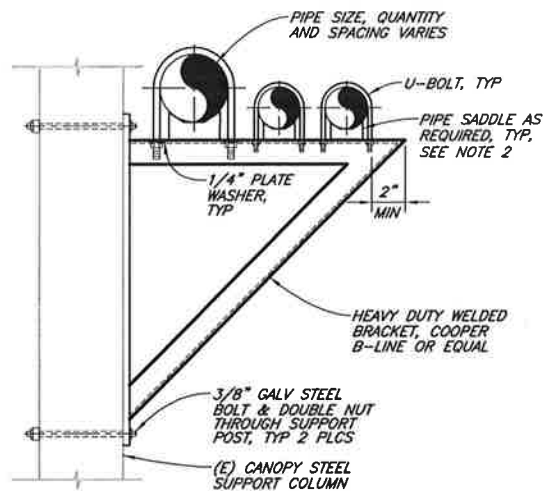
NO.	DATE	REVISION	BY

DESIGN	JSO/PB
DR	CDN
CHK	MEL
APVD	

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DETAILS

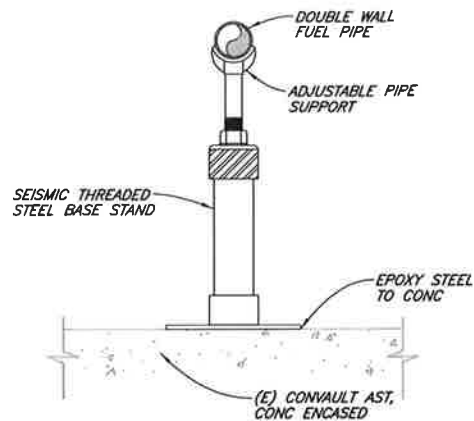
SHEET	C-5
SEQ	7
DATE	2/2015
PROJ. NO.	014004.100



NOTES:

- ANCHOR AND BRACKET MATERIALS SHALL BE IN ACCORDANCE WITH MATERIALS TABLE ON THE DRAWINGS AS SPECIFIED.
- PROVIDE TEFLON (PIFE) PIPE PROTECTION BARRIER AS SPECIFIED, OR PIPE SADDLE WHERE REQUIRED TO OFFSET PIPE CENTERLINE AT ELEVATION AS SHOWN ON DRAWINGS. SADDLE WITH U-BOLT SHALL BE COOPER B-LINE OR SIMILAR.

DETAIL 1
NTS C-3
(PIPE SUPPORT)

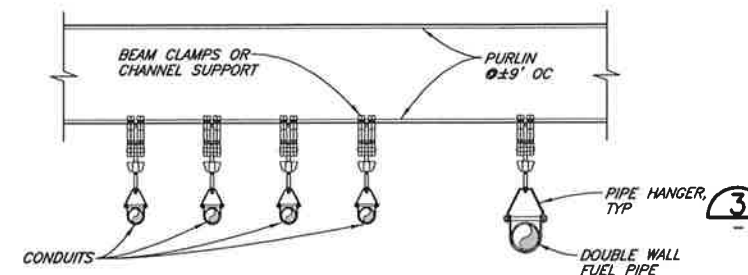
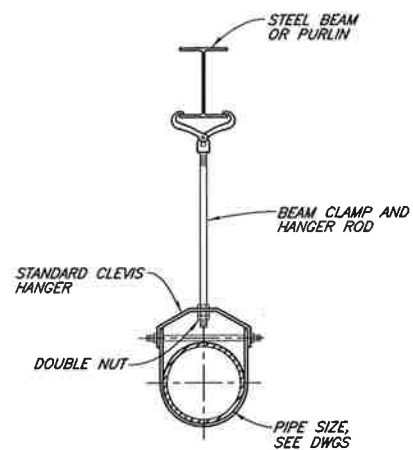


DETAIL 2
NTS C-3
(PIPE SUPPORT)

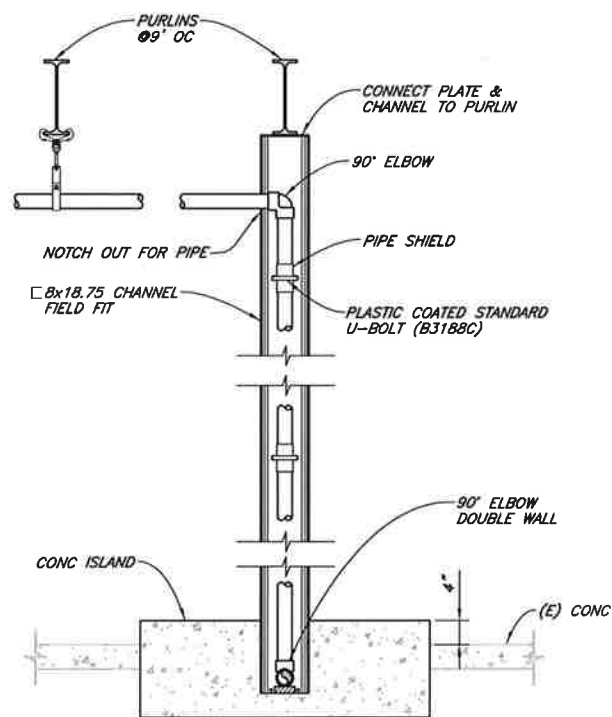
NOTES:

- PROVIDE PIPE PROTECTION BARRIER AS SPECIFIED.
- MATERIALS SHALL BE IN ACCORDANCE WITH THE MECHANICAL MATERIALS TABLE ON THE CONTRACT DOCUMENTS.

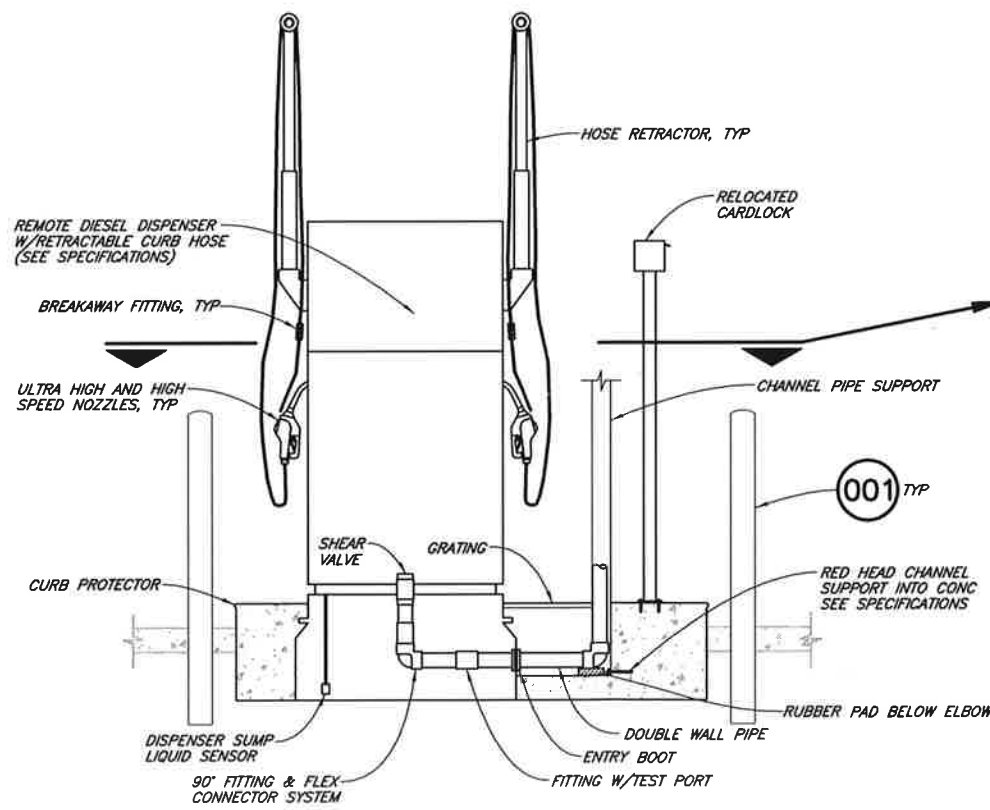
DETAIL 3
NTS C-3
(PIPE HANGER)



DETAIL 4
NTS C-3
(PIPE SUPPORT)

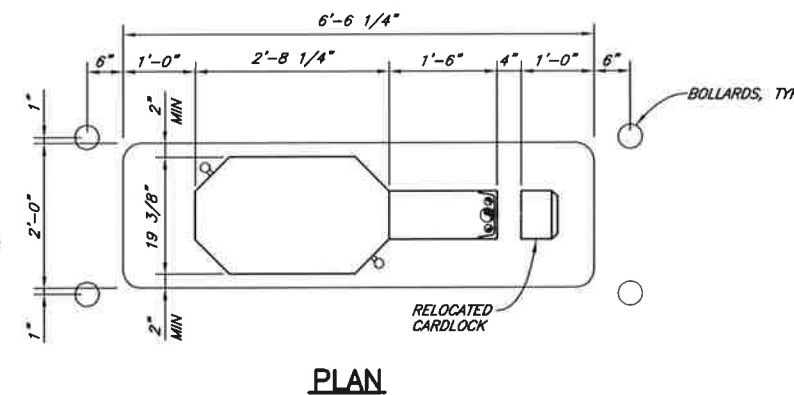


DETAIL 5
NTS C-3
(CHANNEL PIPE SUPPORT)



SECTION

DETAIL 6
NTS C-3
(DISPENSER ISLAND)



PLAN

SAVED: 2/27/2015 10:50 AM JOBARR, PLOTTED: 2/27/2015 10:55 AM JARED O'BARR
 \\Eureka\Projects\2014\1014004-HTA-Res-Dwg\014004-DTL.dwg



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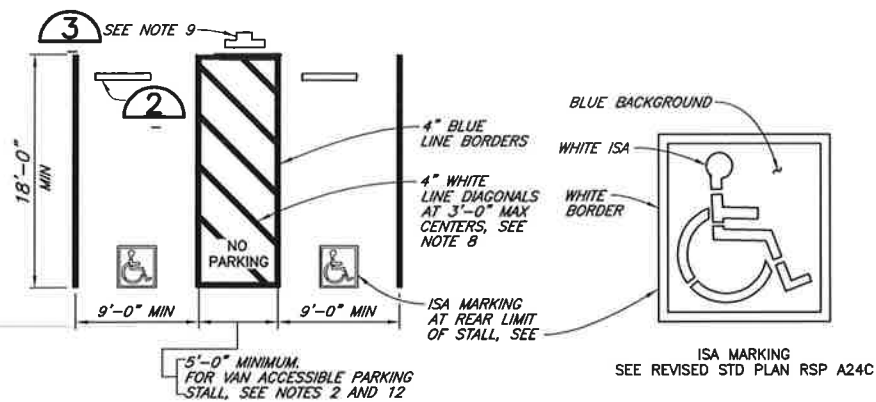
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SHEET	SEQ	DATE	PROJ. NO.
C-6	8	2/2015	014004.100

DETAILS

SAVED: 2/26/2015 5:10 PM JOBARR, PLOTTED: 2/27/2015 10:55 AM JARED O'BARR
 \\Eureka\Projects\2014\014004-HTA--Rep\Draws\014004-PRKG.dwg



SIGN R99 (CA)



PLAQUE R99B (CA)

SIGN R99 (CA) WITH PLAQUE R99B (CA)
SEE NOTE 6



SIGN R99C (CA)

MINIMUM FINE \$250
SEE NOTE 6



SIGN R100B (CA)
SEE NOTE 9

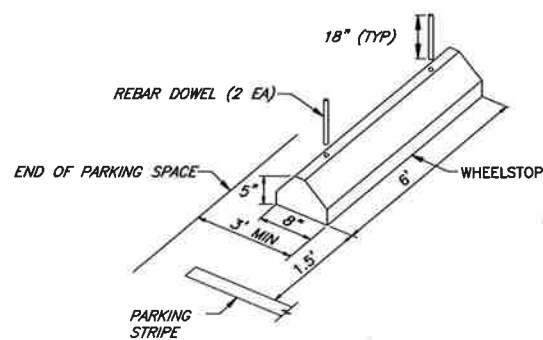


SIGN R7-8b
SEE NOTES 2 AND 6

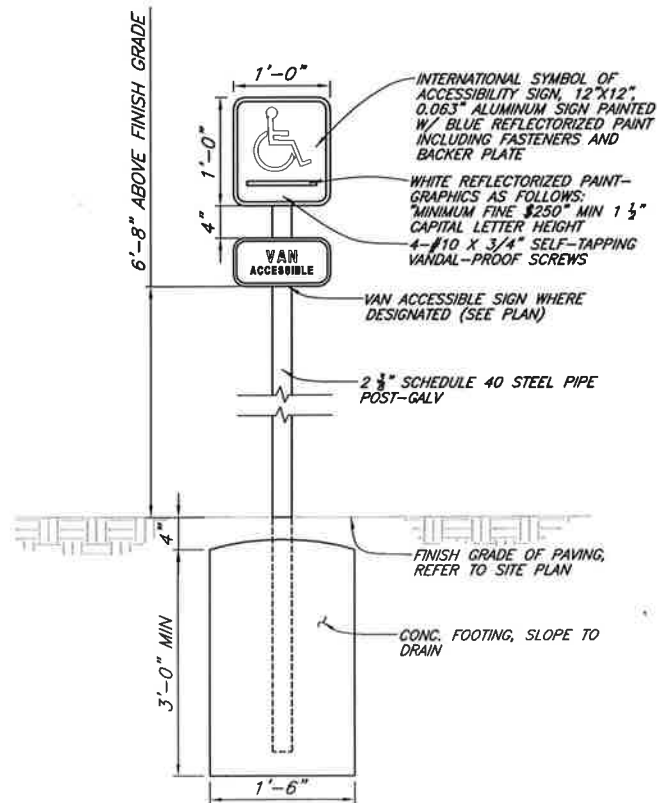
DETAIL 1
NTS

NOTES:

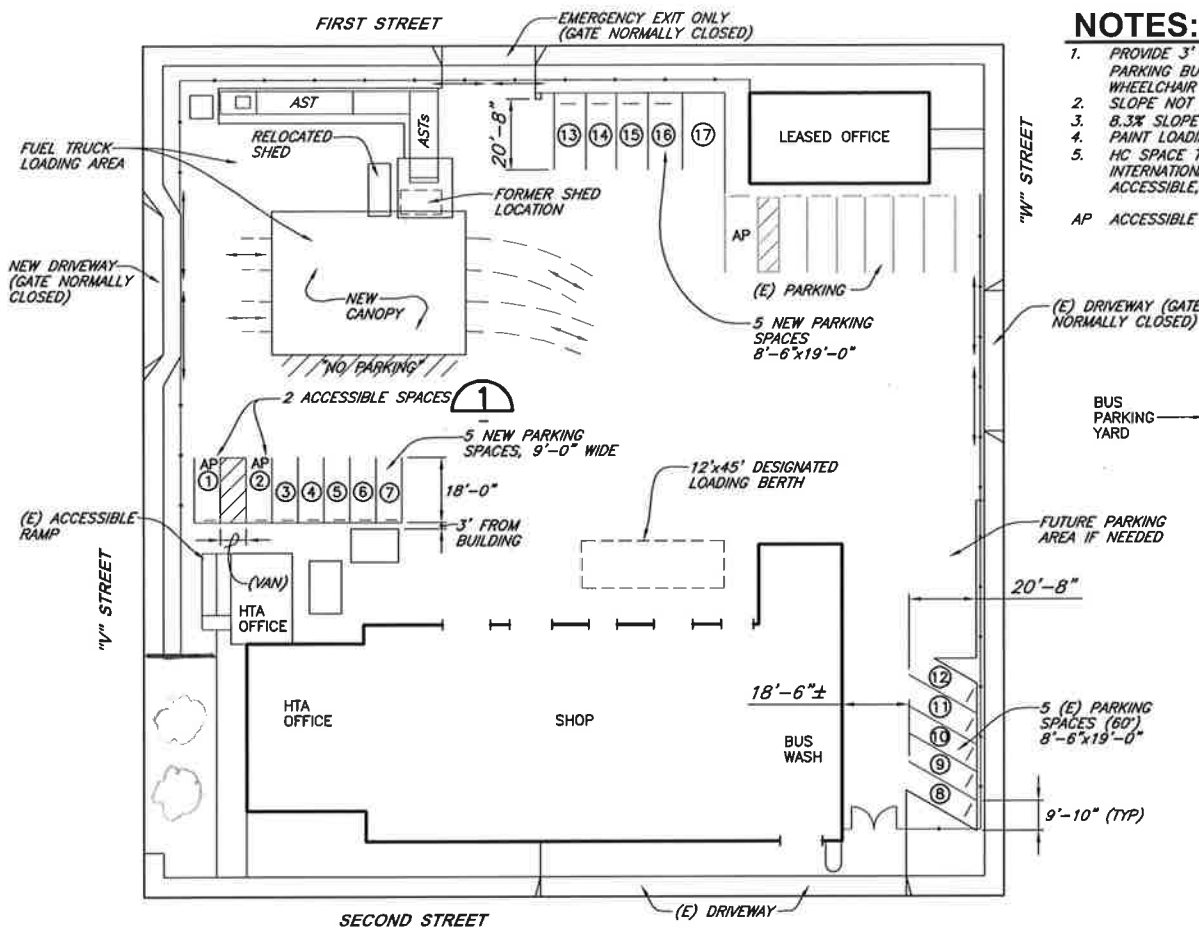
- ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY.
- ONE IN EVERY EIGHT ACCESSIBLE OFF-STREET PARKING STALLS, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESSIBLE AISLE OF 8'-0" MINIMUM WIDTH AND SHALL BE SIGNED VAN ACCESSIBLE. THE R7-8b SIGN SHALL BE MOUNTED BELOW THE R99B (CA) PLAQUE OR THE R99C (CA) SIGN.
- IN EACH PARKING STALL, A CURB OR BUMPER SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF VEHICLES OVER THE REQUIRED WIDTH OF WALKWAYS. PARKING STALLS SHALL BE SO LOCATED THAT PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
- SURFACE SLOPES OF ACCESSIBLE OFF-STREET PARKING STALLS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2 PERCENT IN ANY DIRECTION.
- WHERE PLAQUE R99B (CA), SIGN R99C (CA) OR SIGN R7-8b ARE INSTALLED, THE BOTTOM OF THE SIGN OR PLAQUE PANEL SHALL BE A MINIMUM OF 7'-0" ABOVE THE SURROUNDING SURFACE.
- CURB RAMPS SHALL CONFORM TO THE DETAILS SHOWN ON REVISED STANDARD PLAN RSP AB8A.
- BLUE PAINT, INSTEAD OF WHITE MAY BE USED FOR MARKING ACCESSIBILITY AISLES IN AREAS WHERE SNOW MAY CAUSE WHITE MARKINGS TO NOT BE VISIBLE.
- THE WORDS "NO PARKING", SHALL BE PAINTED IN WHITE LETTERS NO LESS THAN 1'-0" HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEE REVISED STANDARD PLAN RSP A90B FOR DETAILS OF THE "NO PARKING" PAVEMENT MARKING.
- A R100B (CA) SIGN SHALL BE POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL. THE SIGN SHALL INCLUDE THE ADDRESS WHERE THE TOWED VEHICLE MAY BE RECLAIMED AND THE TELEPHONE NUMBER OF THE LOCAL TRAFFIC LAW ENFORCEMENT AGENCY.
- WHERE A SINGLE (NON-VAN) ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.
- WHERE A VAN ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE 8'-0" WIDE MINIMUM, AND SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.
- ACCESSIBLE PARKING ONLY SIGN SHALL BE SIGN R99C (CA) OR SIGN R99 (CA) WITH PLAQUE R99B (CA).



DETAIL 2
NTS



DETAIL 3
NTS



PARKING PLAN

NTS

NOTES:

- PROVIDE 3" VERTICAL OVERHANG FROM PARKING BUMPER AND 4" FOR WHEELCHAIR ACCESS
- SLOPE NOT TO EXCEED 2%
- 8.3% SLOPE (MAX) UP TO SIDEWALK
- PAINT LOADING ZONE STRIPE BLUE
- HC SPACE TO HAVE A 3'x3' INTERNATIONAL SYMBOL FOR HANDICAP ACCESSIBLE, PAINTED BLUE

AP ACCESSIBLE PARKING



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DESIGN	JSO/PB	DATE	
DR	NMD	NO.	
CHK	MEL	REVISION	
APP'D		DATE	

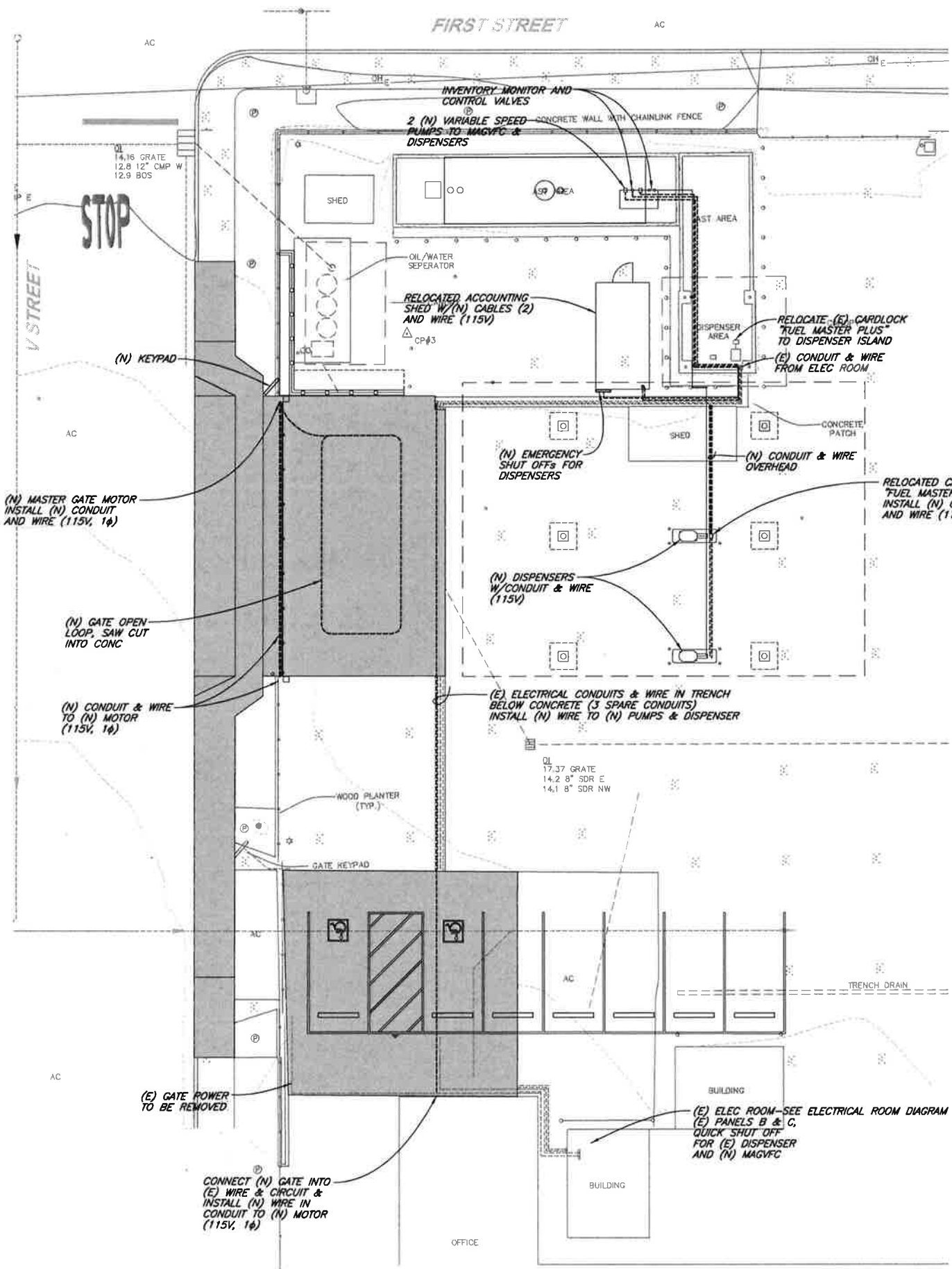
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PARKING PLAN

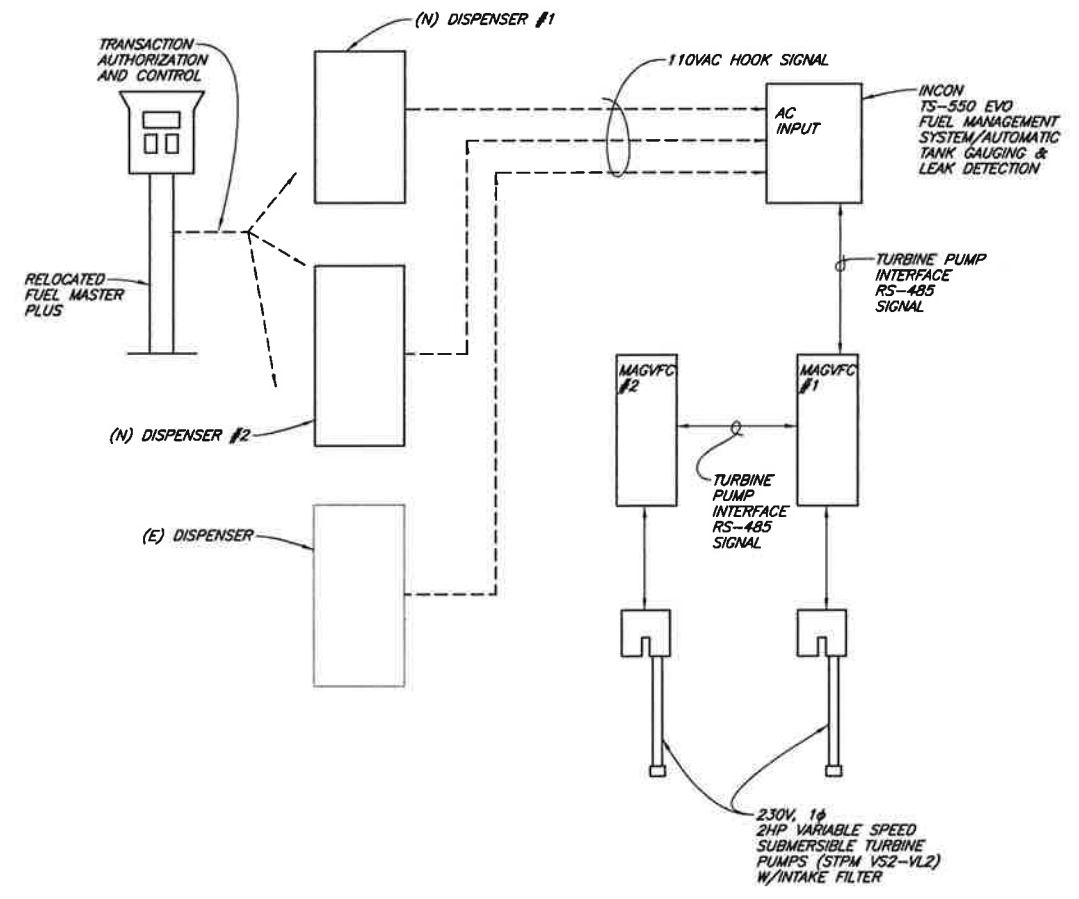
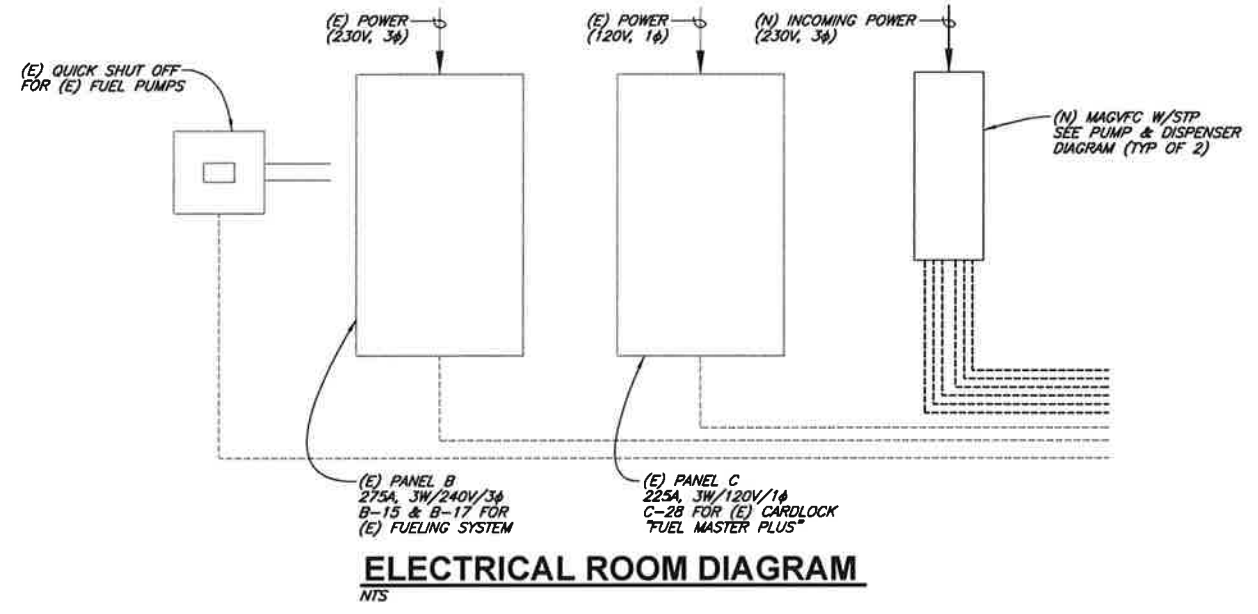
SHEET
C-7

SEQ 9
 DATE 2/2015
 PROJ. NO. 014004.100

SAVED: 4/7/2015 1:14 PM DREDRIGECY, PLOTTED: 4/7/2015 1:15 PM DUSTIN FREDRIGECY
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PLAN
 1"=10'



PUMP & DISPENSER DIAGRAM
 NTS

- NOTES:**
1. SEE PRODUCT INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
 2. WIRING MUST CONFORM TO ALL FEDERAL, STATE, AND LOCAL CODES.
 3. CONTROL PANELS ARE FOR NON-HAZARDOUS, INDOOR USE ONLY.
 4. ELECTRICAL CONTRACTOR TO DESIGN/BUILD SYSTEM. SUBMIT ONE-LINE DIAGRAM FOR APPROVAL PRIOR TO CONSTRUCTION.

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NO.	DATE	REVISION	BY

DESIGN	DR	CHK	APVD
JSD/PB	CDN	MEL	

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ELECTRICAL SITE PLAN AND DIAGRAMS

SHEET **E-1**

SEQ 9

DATE 2/2015

PROJ. NO. 014004.100