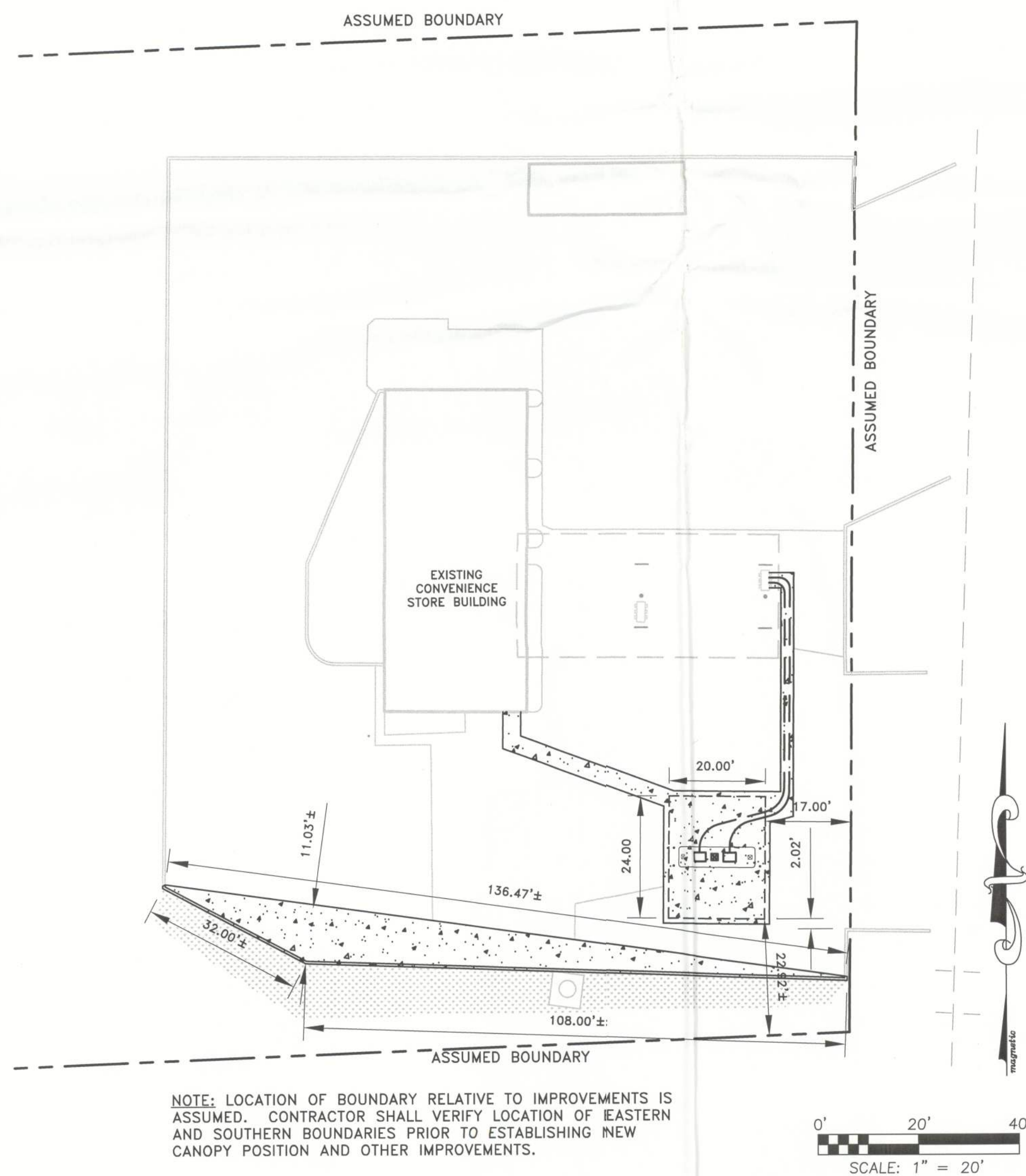
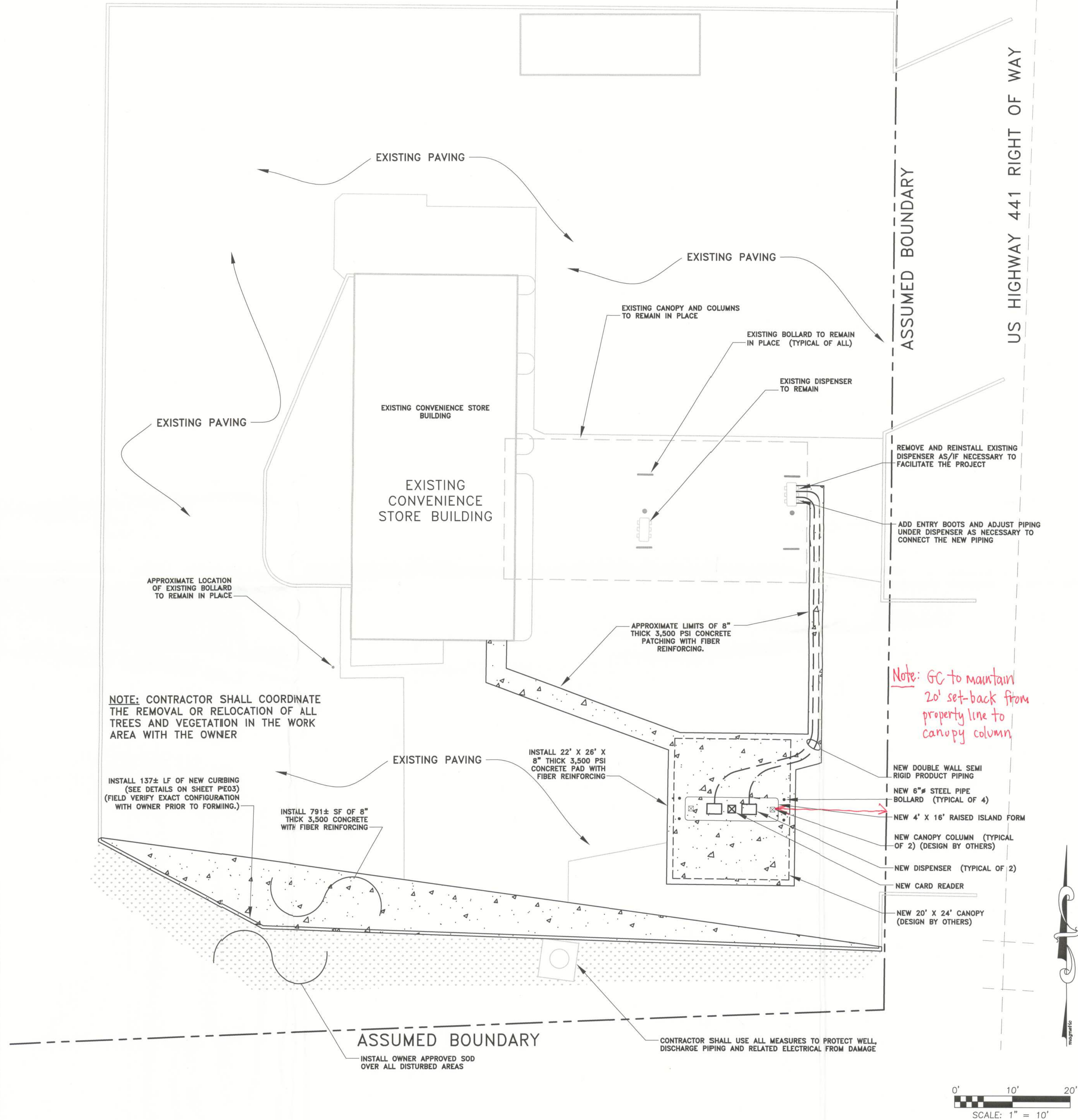


U:\302 KC Petroleum\382019 Hunter #42 1-10 - 441 Fleet Fueling Install\Const Plans\382019base_2.DWG Oct 12, 2012-2:44pm



1 PETROLEUM SYSTEM DIMENSION PLAN

1" = 20'



2 PETROLEUM SYSTEM INSTALLATION PLAN

1" = 10'

Copyright 2012, Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.

stillwater
TECHNOLOGIES

203 Hillcrest Street
Orlando, Florida 32801
(407) 206-7222
(407) 206-7222 fax

REV. DATE BY COMMENTS

0 09/14/12 RMH ISSUE FOR PERMIT

1 10/12/12 RMH MOVE CANOPY BACK 2'

PROJECT # 382-019

DRAWN: RMH

APPROVED: FAB

DATE: 09/14/12

SCALE: NO SCALE

SHEET NAME:

PE02

SHEET:

3

PREPARED FOR:



K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202
904-693-3200

PETROLEUM SYSTEM
INSTALLATION PLAN

HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

Stillwater Technologies, Inc.
FL Cert. of Auth. #8326

Frederick A. Blecha, P.E.
FL Reg. #50002
Oct 12 2012

Date

HUNTER OIL # 42

3818 North US Highway 441
Lake City, Columbia County, Florida 32055

PARCEL ID NUMBER 08-3S-17-04907-002

FDEP FACILITY ID# 8503369

PETROLEUM DISTRIBUTION SYSTEM UPGRADE PLANS

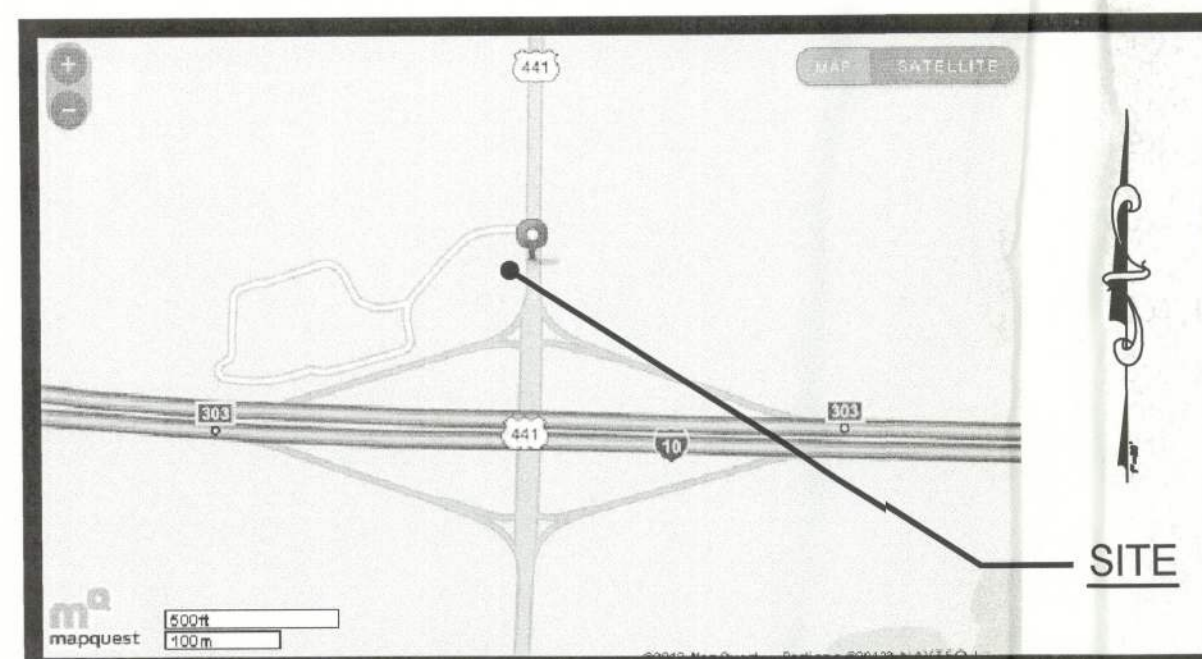
2 Business
Days Before
You Dig

CALL 811

ITS THE LAW callsunshine.com



LOCATION MAP



GENERAL WORK SCOPE STATEMENT:

THE PROPOSED WORK WILL CONSIST OF THE INSTALLATION OF AN ADDITIONAL RAISED FUELING ISLAND. ONE NEW TWO COLUMN CANOPY WILL BE INSTALLED. TWO NEW DISPENSERS AND A CARD READER WILL BE INSTALLED. THE TWO NEW DISPENSERS WILL BE SUPPLIED BY INSTALLING PIPING FROM ONE OF THE EXISTING MULTI PRODUCT DISPENSERS TO THE NEW DISPENSERS. THE EXISTING STORE, CANOPY AND DISPENSERS WILL REMAIN IN PLACE. THE EXISTING ABOVE GROUND FUEL STORAGE TANK WILL BE LEFT IN PLACE. DOUBLE WALL SEMI RIGID PRODUCT PIPING WILL BE INSTALLED AS INDICATED. APPROXIMATELY 800 SQUARE FEET OF NEW PAVING WILL BE INSTALLED TO FACILITATE VEHICLE MOVEMENT PAST THE NEW ISLAND.

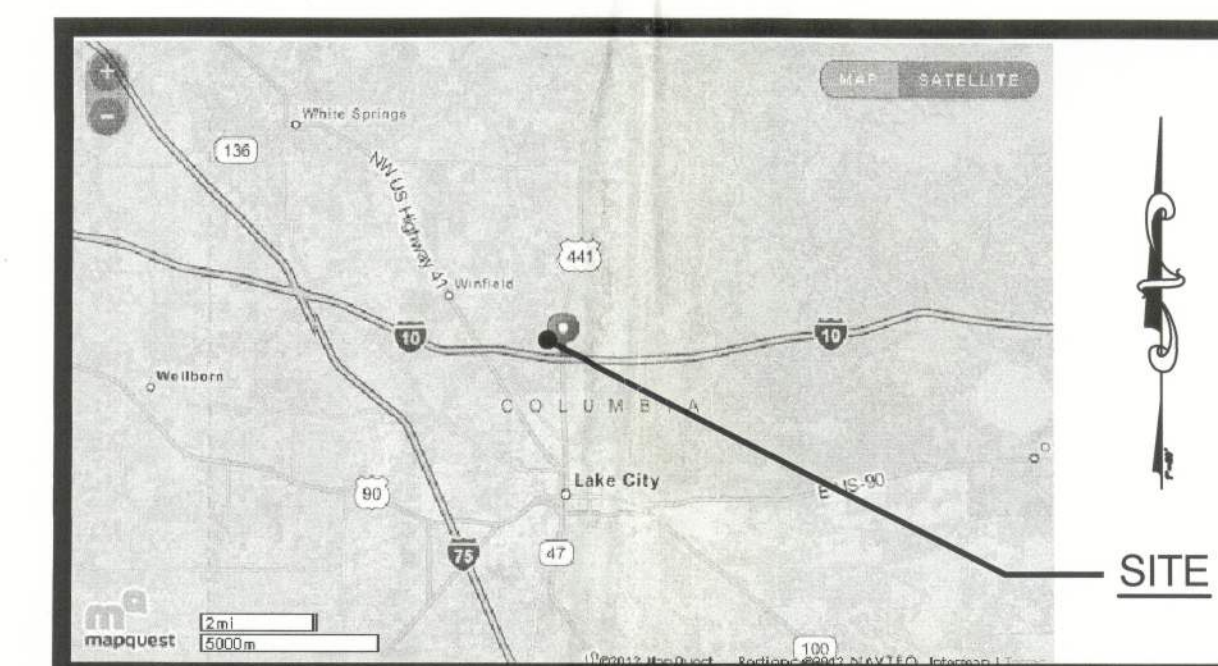
INDEX OF DRAWINGS

SHEET #	SHEET NAME
1	G01 COVER SHEET
2	PE01 EXISTING CONDITIONS AND DEMOLITION PLAN
3	PE02 PETROLEUM SYSTEM INSTALLATION PLAN
4	PE03 PAVING DETAILS
5	PE04 DISPENSER AREA DETAILS
6	E01 PETROLEUM SYSTEM ELECTRICAL DETAILS

GENERAL NOTES:

- CONTRACTOR SHALL CONDUCT ALL WORK IN ACCORDANCE WITH APPLICABLE CITY AND COUNTY CODES AND REGULATIONS. IN PARTICULAR BUT NOT LIMITED TO NFPA 30 AND 30A LATEST EDITIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS FOR COMPLETION OF THE PROPOSED WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICABLE UTILITY CLEARANCES USING PROPER NOTIFICATION PERIODS PRIOR TO CONDUCTING TRENCHING OR EXCAVATION ACTIVITIES.
- EXISTING SITE PLAN ELEMENTS SHOWN HEREIN HAVE BEEN BASED ON A SURVEY. MATERIALS PROVIDED BY THE OWNER. INFORMATION PROVIDED BY K.C. PETROLEUM, INC. PROPERTY APPRAISER RECORDS AND AERIAL PHOTOGRAPHY.
- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS & PROPERTY BOUNDARIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL VERIFY PROPOSED GASOLINE IMAGING WITH OWNER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL INSTALL ALL ELECTRICAL IN ACCORDANCE WITH NFPA 70 "NATIONAL ELECTRICAL CODE" AND SPECIFICALLY CHAPTER 5 ARTICLE 514 (LATEST EDITION).
- CONTRACTOR SHALL USE COMPONENTS THAT SHALL COMPLY WITH ALL (INCLUDING THROUGHPUT VOLUMES) REQUIREMENTS OF (NESHAP) EPA REGULATION 40 CFR PART 63 AS APPLICABLE TO THIS PROJECT.

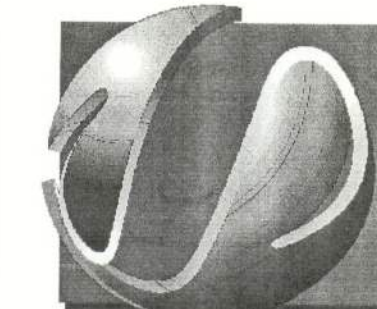
VICINITY MAP



COVER SHEET

HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

stillwater
TECHNOLOGIES



REV.	DATE	BY	COMMENTS
0	09/14/12	RMH	ISSUE FOR PERMIT

PROJECT #: 382-019

DRAWN: RMH

APPROVED: FAB

DATE: 09/14/12

SCALE: NO SCALE

SHEET NAME:

G01

SHEET:

1

Copyright 2012. Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.

PREPARED FOR:



K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202
904-693-3200

Stillwater Technologies, Inc.
FL Cert. of Auth. #8326

Frederick A. Blecha, P.E.
FL Reg. #50701
SEP 14 2012

Date

J:\302 KC Petroleum\302019 Hunter #42 I-10 - 441 Fleet Fueling Install\Const Plans\302019Bases_1.dwg Sep 14, 2012-8:53am

1

PETROLEUM DEMOLITION PLAN

1" = 10'

ASSUMED BOUNDARY

NOTE: CONTRACTOR SHALL COORDINATE THE REMOVAL OR RELOCATION OF ALL TREES AND VEGETATION IN THE WORK AREA WITH THE OWNER

APPROXIMATE LIMITS OF AREA TO BE CLEARED TO FACILITATE THE ADDITIONAL PAVING AND NECESSARY SLOPING

CLEAR, GRUB AND REMOVE EXISTING VEGETATION AS NECESSARY TO FACILITATE FILL, NEW CURBING AND PAVEMENT INSTALLATION

APPROXIMATE LOCATION OF EXISTING BOLLARD TO REMAIN IN PLACE

EXISTING ASPHALT PAVING

REMOVE PAD AND BOLLARDS. VERIFY PROPER ABANDONMENT OF PRODUCT LINE

ASSUMED BOUNDARY

EXISTING CONVENIENCE STORE BUILDING

EXISTING CONVENIENCE STORE BUILDING

APPROXIMATE LOCATION OF EXISTING ABOVE GROUND FUEL STORAGE TANK TO REMAIN IN PLACE

EXISTING PAVING

EXISTING CANOPY AND COLUMNS TO REMAIN IN PLACE

EXISTING BOLLARD TO REMAIN IN PLACE (TYPICAL OF ALL)

EXISTING DISPENSER TO REMAIN (TYPICAL OF 2)

EXISTING PAVING

APPROXIMATE LIMITS PAVING TO BE REMOVED TO FACILITATE THE PROJECT

EXISTING CONCRETE PAVING

REMOVE OR RELOCATE AIR/VAC UNIT AT OWNER'S DISCRETION

CONTRACTOR SHALL USE ALL MEASURES TO PROTECT WELL, DISCHARGE PIPING AND RELATED ELECTRICAL FROM DAMAGE

ASSUMED BOUNDARY

US HIGHWAY 441 RIGHT OF WAY

0' 10' 20'
SCALE: 1" = 10'



Copyright 2012, Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.

REV.	DATE	BY	COMMENTS
0	09/14/12	RMH	ISSUE FOR PERMIT

PROJECT # 382-019

DRAWN: RMH

APPROVED: FAB

DATE: 09/14/12

SCALE: NO SCALE

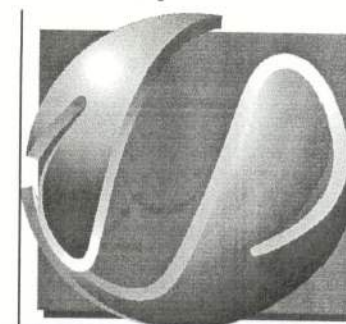
SHEET NAME:

PE01

SHEET:

2

stillwater
TECHNOLOGIES



203 Hillcrest Street
Orlando, Florida 32801
(407) 206-7222
(407) 206-7222 fax

PREPARED FOR:



K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202
904-693-3200

FACILITY EXISTING
CONDITIONS & DEMO PLAN

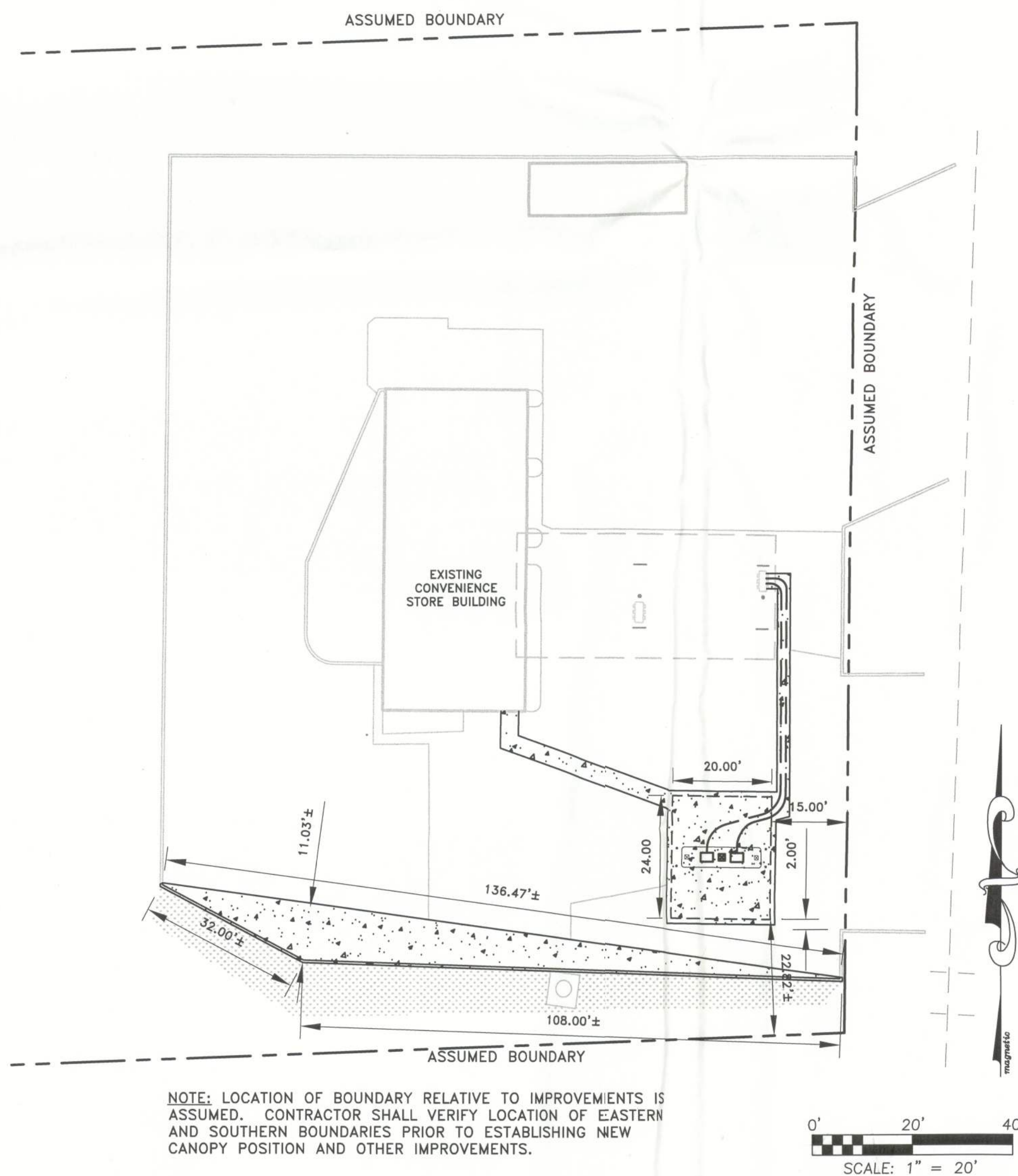
HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

Stillwater Technologies, Inc.
FL Cert. of Auth. #5326

Frederick A. Blecha, P.E.
FL Reg. #50701
SEP 14 2012

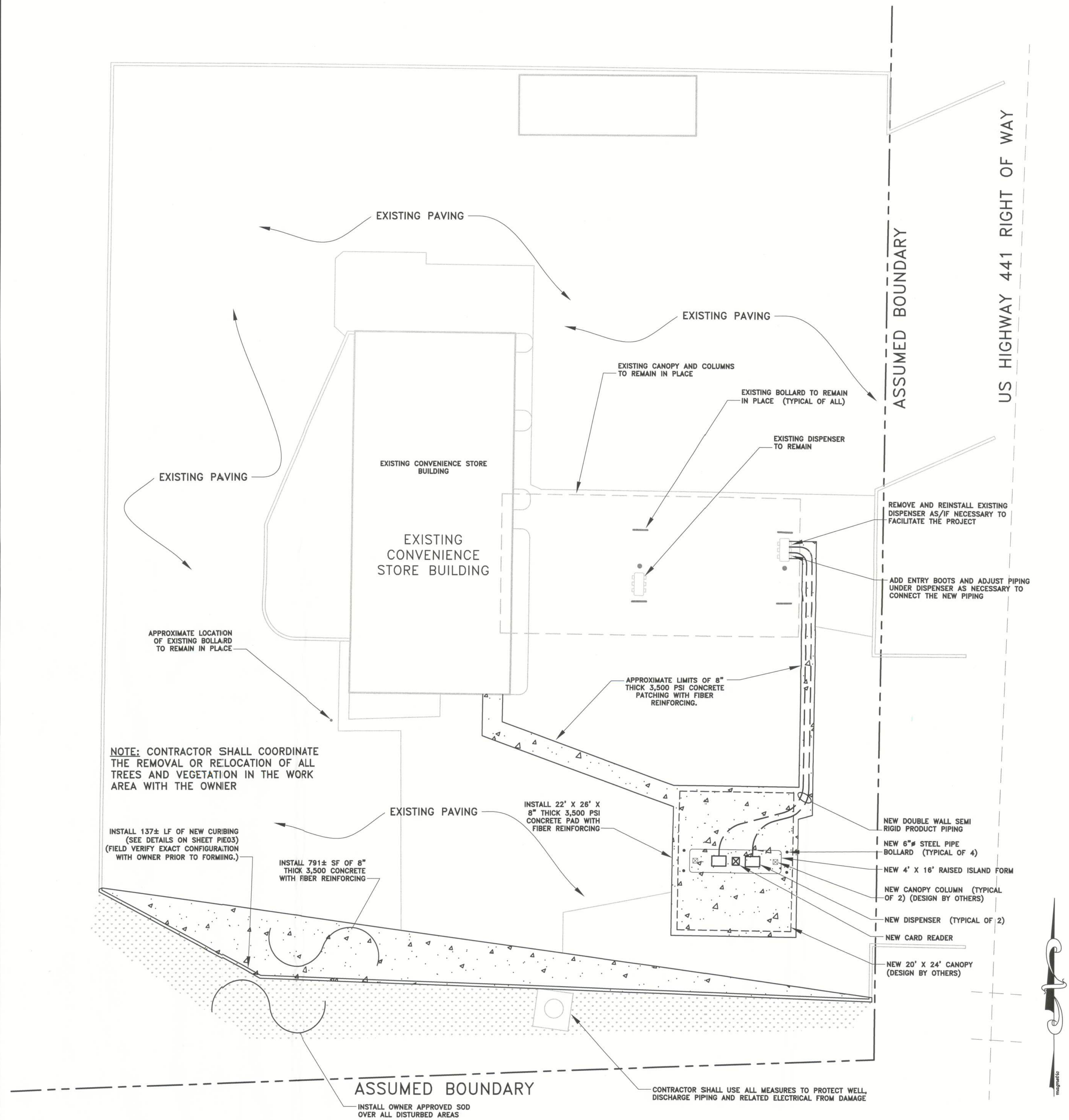
Date

\\302 K.C. Petroleum\382018 Hunter #42 - 10 - 441 Fleet Fueling Install\Const Plans\382018 Base.dwg Sep 14, 2012 8:53am



1 PETROLEUM SYSTEM DIMENSION PLAN

1" = 20'



2 PETROLEUM SYSTEM INSTALLATION PLAN

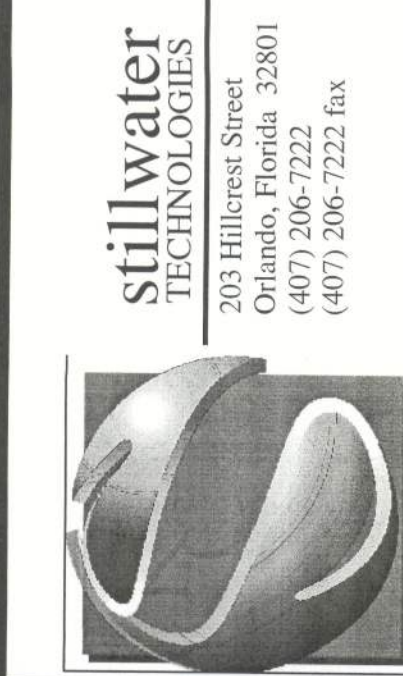
1" = 10'

Copyright 2012, Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.

PREPARED FOR:
Stillwater Technologies, Inc.
FL. Cert. of Auth. #6326
K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202
904-693-5200

**PETROLEUM SYSTEM
INSTALLATION PLAN**

HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL



REV.	DATE	BY	COMMENTS
0	09/14/12	RMH	ISSUE FOR PERMIT

PROJECT #: 382-019

DRAWN: RMH

APPROVED: FAB

DATE: 09/14/12

SCALE: NO SCALE

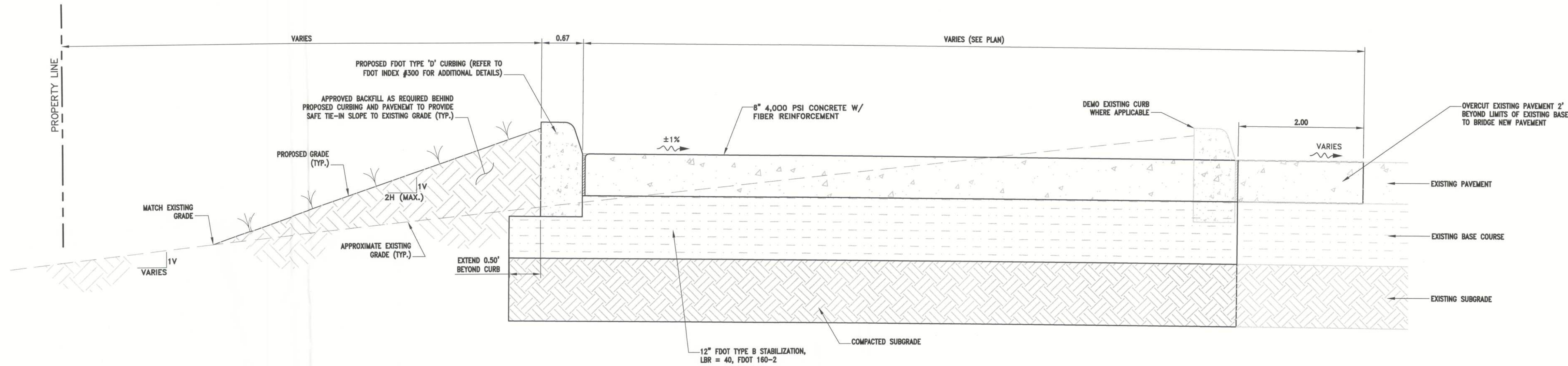
SHEET NAME:

PE02

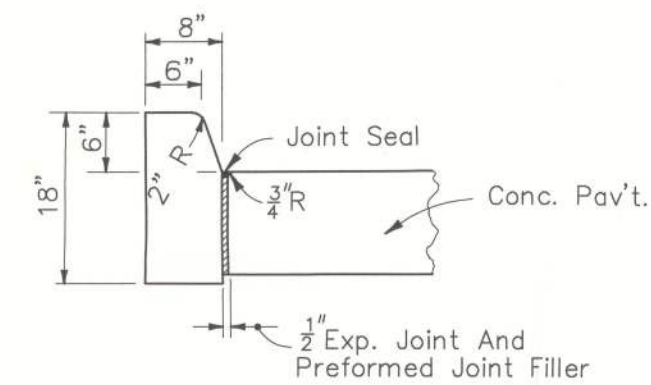
SHEET:

3

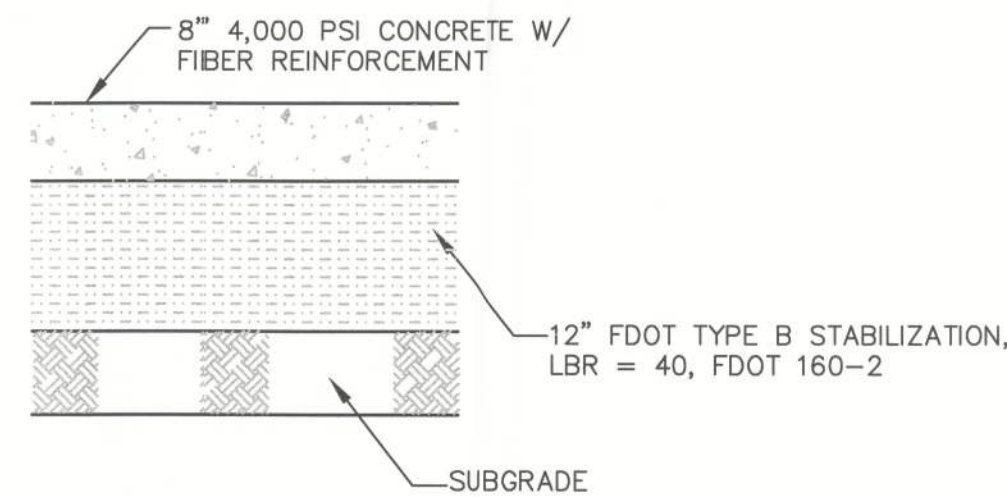
U:\362 KC Petroleum\382019 Hunter #42 1-10 - 441 Fleet Fueling Initial\Const Plans\382019base_1.dwg Sep 14, 2012-8:55am



1 TYPICAL CROSS SECTION
NO SCALE



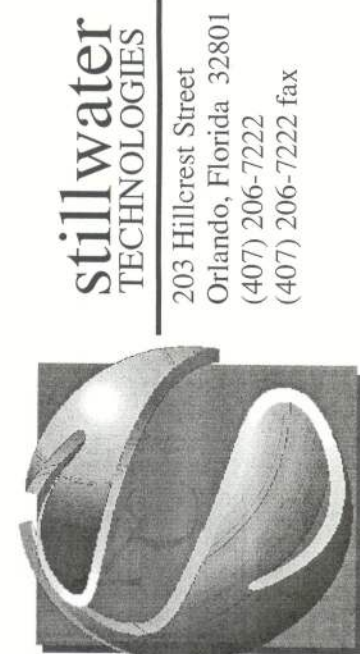
2 FDOT TYPE "D" CURB
NO SCALE



3 TYPICAL PAVEMENT SECTION
NO SCALE

4 NOT USED
NO SCALE

Copyright 2012. Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.



stillwater
TECHNOLOGIES
2013 Hillcrest Street
Orlando, Florida 32801
(407) 206-7222
(407) 206-7222 fax

REV.	DATE	BY	COMMENTS
0	09/14/12	RMH	ISSUE FOR PERMIT

PROJECT # 382-019
DRAWN: RMH
APPROVED: FAB
DATE: 09/14/12
SCALE: NO SCALE

SHEET NAME:
PE03
SHEET:



K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202
904-693-3200

PAVING DETAILS

HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

Stillwater Technologies, Inc.
FL. Cert. of Auth. #6326

Frederick A. Blecha, P.E.
FL. Reg. #50701

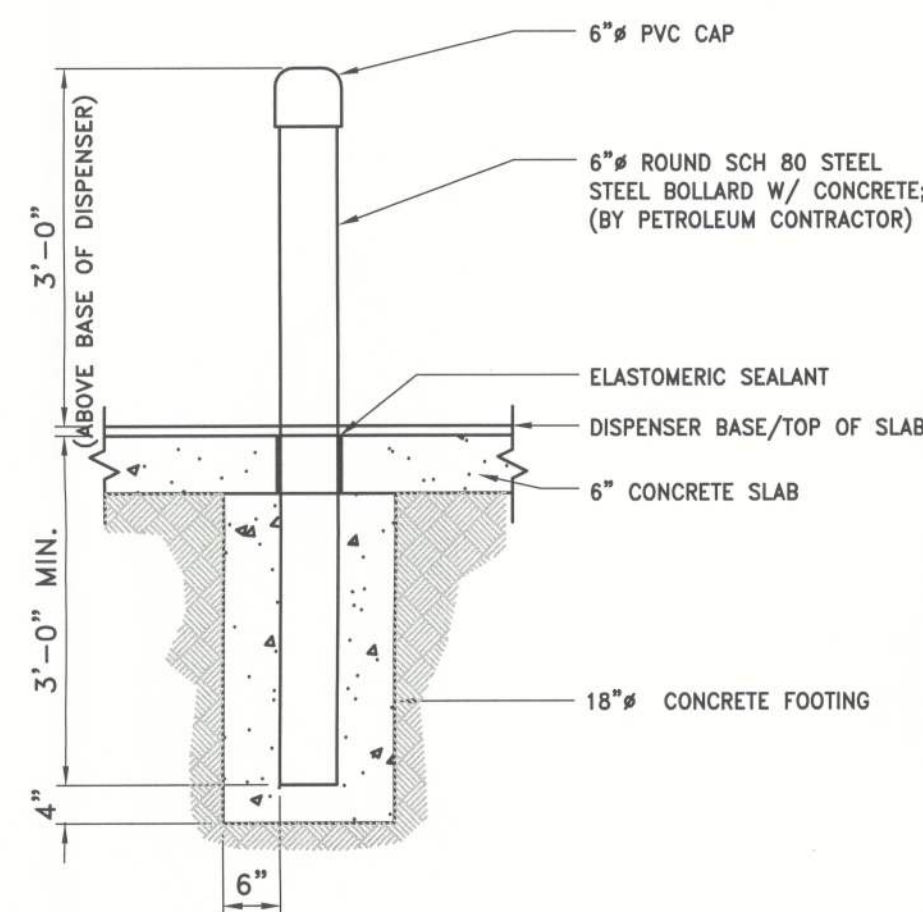
SEP 14 2012

Date

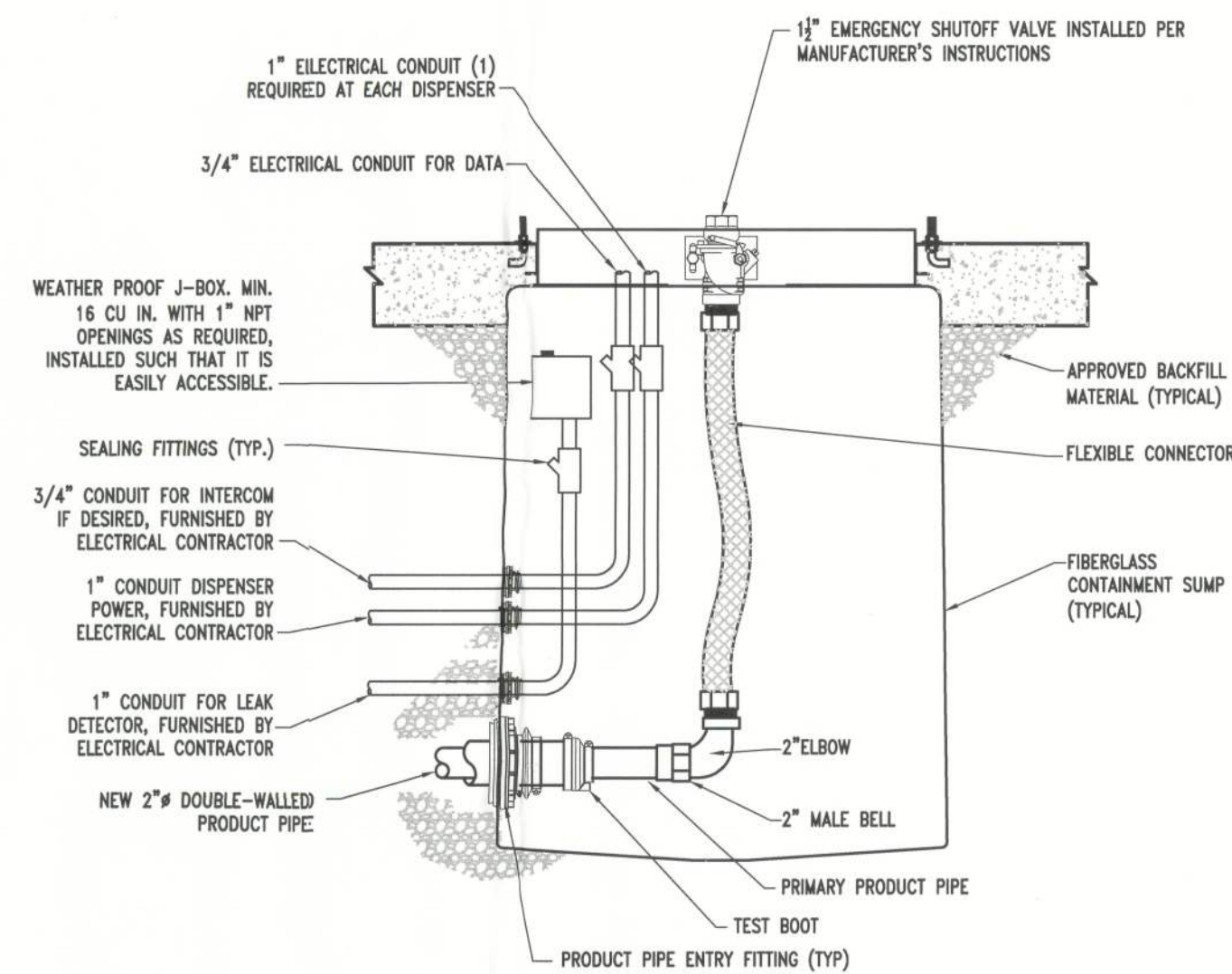
6
NO SCALE
NOT USED

5
NO SCALE
NOT USED

4
NO SCALE
PIPE BOLLARD DETAIL

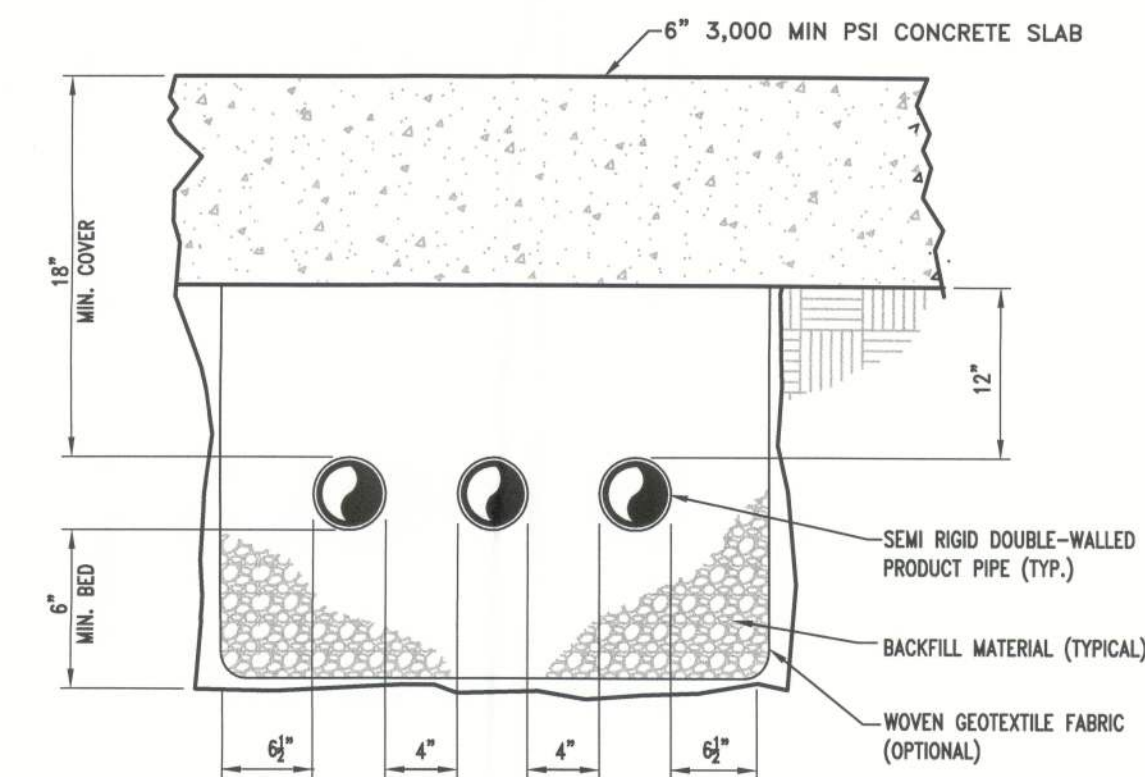


1
NO SCALE
NEW DISPENSER AREA SECTION



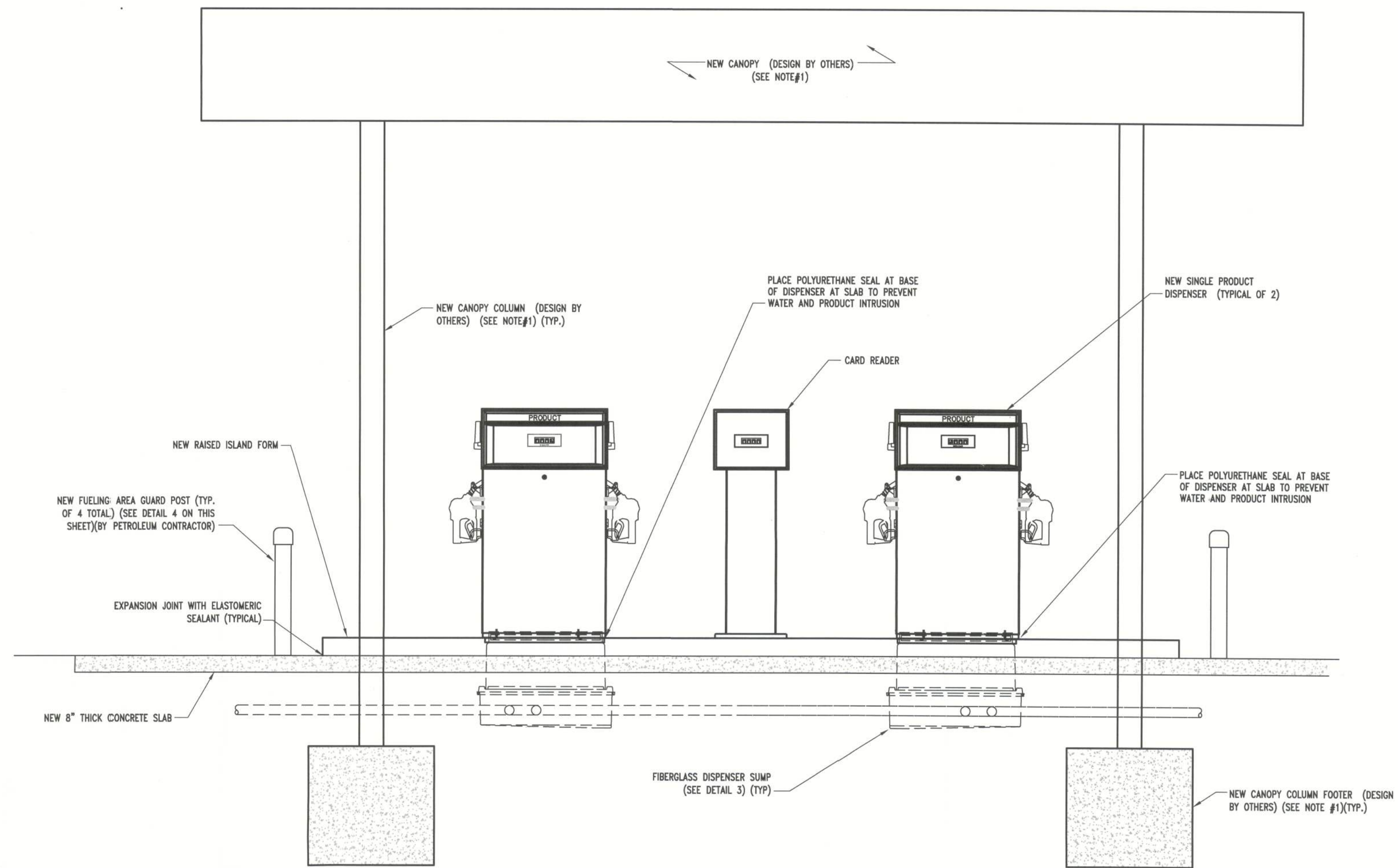
3
NO SCALE
DISPENSER SUMP INSTALLATION SECTION

2
NO SCALE
PIPE TRENCH DETAIL

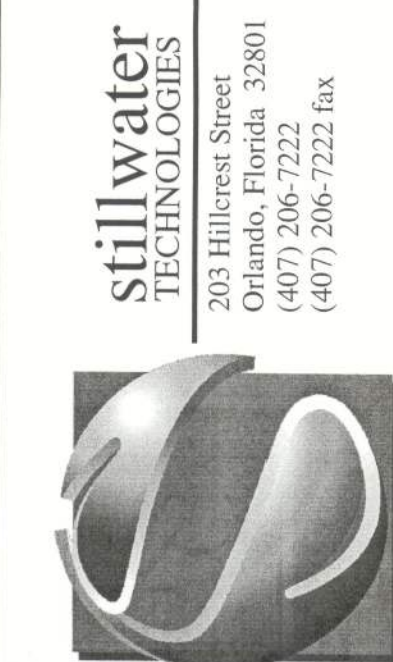


NOTE:
ALL TRENCHING SHOULD BE COMPLETED PRIOR TO THE FINAL SURFACE COURSE BEING LAID.

- NOTES:
1. CONTRACTOR SHALL CONFIRM DESIGN OF PROPOSED CANOPY PRIOR TO CONSTRUCTION & IDENTIFY ANY POTENTIAL CONFLICTS W/ PETROLEUM SYSTEM LAYOUT.
 2. CONTRACTOR SHALL COORDINATE DISPENSER AREA GAS IMAGING LAYOUT WITH GATE PETROLEUM PRIOR TO CONSTRUCTION
 3. PRODUCT PIPE DEPTH SHALL BE INSTALLED TO ALLOW 1/8" PER FOOT MINIMUM CONTINUOUS SLOPE DOWN TOWARD TANKS
 4. THE QUANTITY OF PIPES SHOWN AT THE SUMPS ON THIS SHEET ARE FOR SCHEMATIC PURPOSES ONLY. PETROLEUM CONTRACTOR SHALL REFERENCE SHEET "PROD" FOR EXACT PIPE QUANTITIES
 5. ALL PIPE AND CONDUIT ENTRY BOOTS SHALL BE INSTALLED AS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
 6. ALL NEW ELECTRICAL SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 "NATIONAL ELECTRICAL CODE" AND SPECIFICALLY ARTICLE 514.



Copyright 2012, Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.



stillwater
TECHNOLOGIES
203 Hillcrest Street
Orlando, Florida 32801
(407) 266-7222 fax
(407) 266-7222 fax

REV.	DATE	BY	COMMENTS
0	09/14/12	RMH	ISSUE FOR PERMIT

PROJECT #: 382-019
DRAWN: RMH
APPROVED: FAB
DATE: 09/14/12
SCALE: NO SCALE

SHEET NAME:
PE04
SHEET:
5



K. C. Petroleum, Inc.
650 Talleys Road
Jacksonville, Florida 32202
904-693-3200

DISPENSER AREA DETAILS

HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

Stillwater Technologies, Inc.
FL. Cert. of Auth. #8326

Frederick A. Blecha, P.E.
FL. Reg. #50701
SEP 14 2012

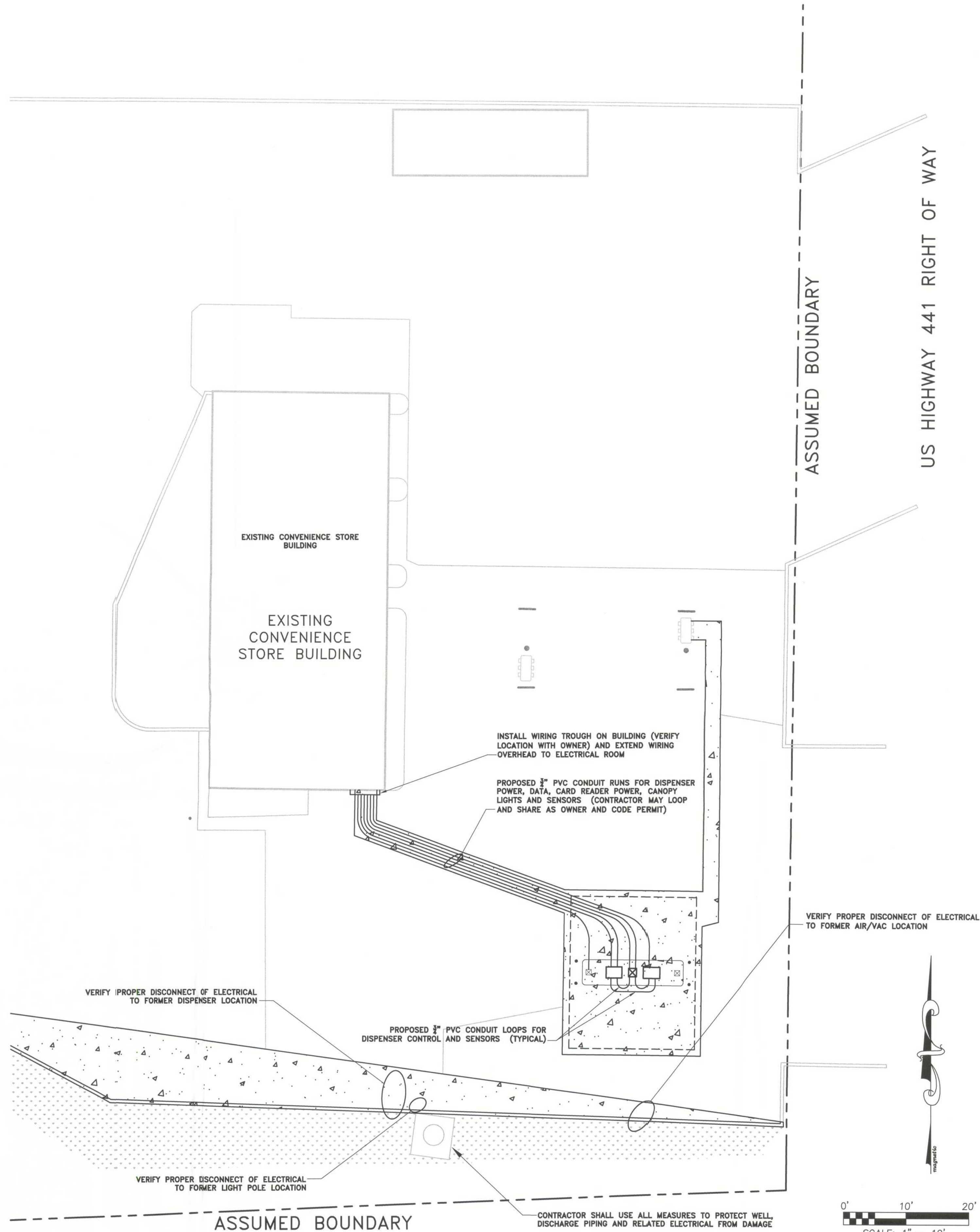
Date

J:\382 KC Petroleum\382019 Hunter #42 1-10 - 441 Fleet Fueling Install\Const Plans\382019bname_1.dwg Sep 14, 2012-8:53am

TYPICAL WIRING SCHEDULE							
○ NUMBER	REMARK	FROM	TO	WIRE	CONDUIT	SURGE SUP.	DESCRIPTION
1P	DISP. PWR	PANEL 1	DISPENSER	#12 BLACK			
				#12 WHITE			
				#12 GREEN			
	STP RETURNS	ISOLATION RELAY	DISPENSER	#14 BLUE	3/4"		
				#14 ORANGE			
				#14 RED			
				#14 YELLOW			
1D	DISP. DATA	UNIV. DIST. BOX	DISPENSER	#18 ORANGE	3/4"		
				#18 YELLOW			
2	INTERCOM	DISP.	—	TWO #18			
	INTERCOM (IN)	AMPLIFIER	DISP. SPKR.		3/4"		
	INTERCOM (OUT)	AMPLIFIER	DISP. MIC.				
3	EMG. STOP	EMG. STOP SWITCH	PANEL 1	#12	1/2"		EMERGENCY STOP CIRCUIT
4	FASCIA SIGN	SIGN	PANEL 1	#12	3/4"		NOT USED
5	CANOPY LGT	LIGHT	PANEL 1	#12	3/4"		NOT USED
6	CANOPY LGT	LIGHT	PANEL 1	#12	3/4"		NOT USED
7	CANOPY LGT	LIGHT	PANEL 1	#12	3/4"		NOT USED
8	EMG. STOP	EMG. STO-EXTERIOR	PANEL 2	#12	3/4"		EMERGENCY STOP CIRCUIT
9	STP PWR	STP PWR	RELAY	#8 BLACK			
			RELAY	#8 RED	1"		
			RELAY	#8 BLUE			
			PANEL GROUND	#8 GREEN			
10	SUMP SENSOR	SUMP SENSOR	TANK MONITOR SYS	#18 TWSP SHIELDED			
11	TANK MONITOR	TANK MONITOR	TANK MONITOR SYS	#18 TWSP SHIELDED	3/4"		
12	TANK INTERSTICE	TANK INTERSTICE	TANK MONITOR SYS	#18 TWSP SHIELDED			
13	LINE LEAK DETECTOR	STP SUMP	TANK MONITOR SYS	#18 TWSP SHIELDED			NOT USED
14	SPARE	WIRE WAY	CANOPY	—	1"		NOT USED
15	INTERCOM	WIRE WAY	SALES COUNTER	#18 TWSP	2"		
16	FUEL CONTROL	WIRE WAY	SALES COUNTER	TWO #18 TWSP			NOT USED
17	PWR	UPS	SALES COUNTER	#12	3/4"		NOT USED
18	SPARE	WIRE WAY	DISPENSER		3/4"		NOT USED
19	CANOPY LGT (DIESEL)	LIGHT	PANEL 1	#12	3/4"		NOT USED
20	CANOPY SGN (DIESEL)	SIGN	PANEL 1	#12	3/4"		NOT USED

ELECTRICAL NOTES

- CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND APPLICABLE LOCAL ORDINANCES.
- CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT SIZES PRIOR TO THEIR CONNECTION.
- CONTRACTOR SHALL COORDINATE ALL INSTALLATIONS WITH OTHER TRADES AS NECESSARY AND APPROPRIATE.
- CONTRACTOR SHALL PERFORM ALL ELECTRICAL CONSTRUCTION IN THE AREA OF THE STORAGE FUEL TANK(S) PER NEC ARTICLE 514, NFPA-30 AND NFPA-30A AS APPLICABLE.
- CONTRACTOR SHALL INSTALL ALL INTRINSICALLY SAFE (IS) WIRING PER NEC ARTICLE 504 AND ANSI/ISA RP 12.6. CONTRACTOR SHALL ALSO ADHERE TO SPECIAL (IS) WIRING REQUIREMENTS FOR THE FUEL STORAGE TANK LEAK AND LEVEL SENSORS SUCH AS SEPARATION FROM OTHER WIRING VIA SEPARATE RACEWAYS (INCLUDING TROUGHS) WHERE PRACTICAL. IF NECESSARY, CONTRACTOR SHALL USE A PERMANENTLY ATTACHED METAL DIVIDER.
- CONTRACTOR IS ADVISED THAT THE TANK MONITOR SYSTEM CONSOLE REQUIRES AN EQUIPMENT GROUND WIRE AND A BARRIER GROUND WIRE.
- CONTRACTOR SHALL REFERENCE MANUFACTURER'S INSTALLATION MANUALS FOR ALL EQUIPMENT SPECIFIC WIRING CONNECTIONS.
- CONTRACTOR SHALL ROUTE SUBMERSIBLE TURBINE PUMP WIRING IN SEPARATE RACEWAY(S) TO AVOID COMMUNICATION INTERFERENCE CAUSED BY HARMONIC DISTORTION GENERATED FROM THESE WIRES.
- SEE WIRING SCHEDULE FOR SPECIFIC INFORMATION.
- ALL CONDUCTORS SHALL BE STRANDED W/THWN/THHN INSULATION.
- NOT USED.



1 PETROLEUM SYSTEM ELECTRICAL PLAN
1" = 10'

Copyright 2012, Stillwater Technologies, Inc. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.

stillwater
TECHNOLOGIES

203 Hillcrest Street
Orlando, Florida 32801
(407) 206-7222
(407) 206-7222 fax

REV. DATE BY COMMENTS

0 09/14/12 RMH ISSUE FOR PERMIT

PROJECT #: 382-019

DRAWN: RMH

APPROVED: FAB

DATE: 09/14/12

SCALE: NO SCALE

SHEET NAME:

E01

SHEET:

6

PREPARED FOR:

K. C. Petroleum, Inc.
650 Talleyrand Avenue
Jacksonville, Florida 32202

PETROLEUM SYSTEM
ELECTRICAL DETAILS

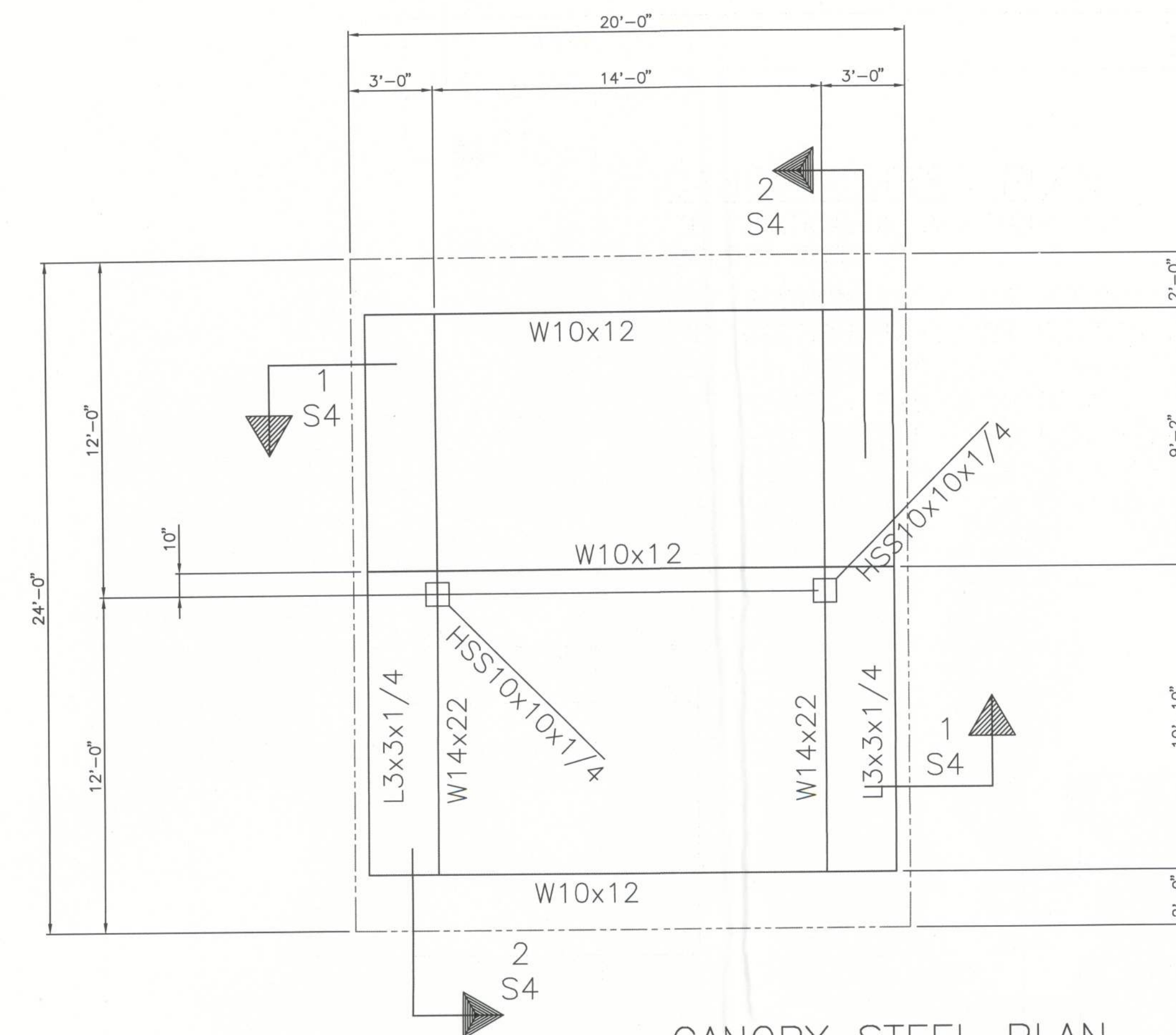
HUNTER # 42
3818 North US Highway 441
Lake City, Columbia County, FL

Stillwater Technologies, Inc.
FL Cert. of Auth. #8326

Frederick A. Blecha, P.E.
FL Reg. #57071

SEP 14 2012

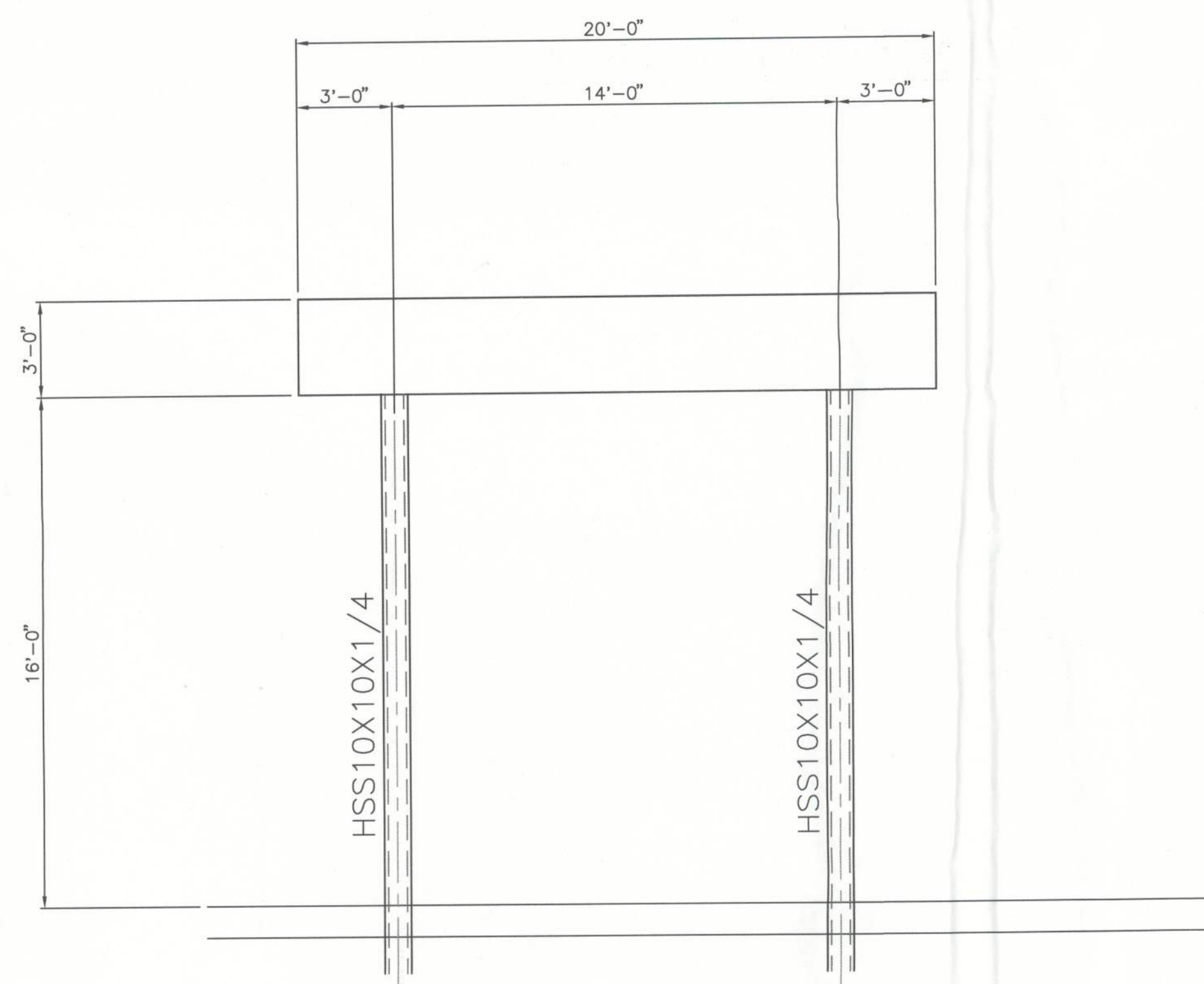
Date



CANOPY STEEL PLAN

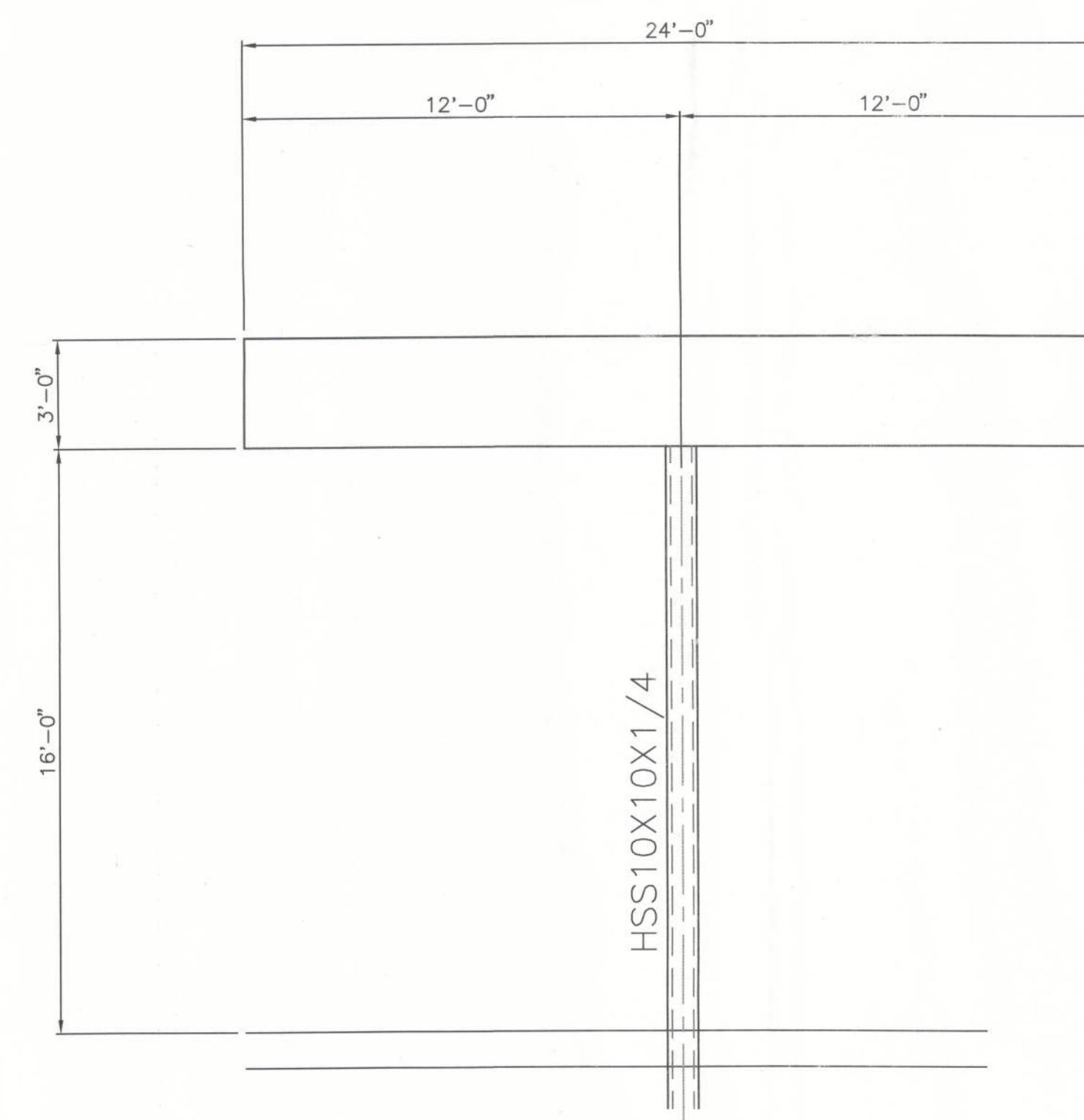
36" VERTICAL A.C.M. FACIA
COLOR: WHITE

SEE SECTION 2/S3 FOR SECTION AT PERIMETER OF CANOPY
SEE SECTION 3/S3 FOR SECTION AT COLUMN SHOWING FOOTING
SEE SECTION 4/S3 FOR FLANGE TO FLANGE CONNECTION ON BEAMS
SEE SECTION 5/S3 FOR DETAIL OF COLUMN BASE PLATE
SEE SECTION 6/S3 FOR DOWNSPOUT TO GUTTER HOLE ELEVATION
SEE SECTION 7/S3 FOR SCUPPER DETAIL
SEE SECTION 8/S3 FOR COLUMN ISOMETRIC WITH PVC DRAIN



CANOPY FRONT & BACK ELEVATION

36" A.C.M. FASCIA
COLOR: WHITE



CANOPY SIDE ELEVATION

36" A.C.M. FASCIA
COLOR: WHITE

SCOPE OF WORK:

- * INSTALL NEW 20' x 24' CANOPY
- * DESIGN FOR FLA. BUILDING CODE 2010 & ASCE 7-10
- * WIND LOADS PER 1609C; Vult - 120 MPH, Vasd - 93 MPH
- * BUILDING CATEGORY I - MONO SLOPE FREE ROOF
- * EXPOSURE CATEGORY B
- * 12 PSF PER SQ FT LIVE ROOF LOAD
- * TYPE "M" BUILDING - OCC. 309.1
- * TYPE II-B CONSTRUCTION TABLE 601 - GROUP "M"

OCCUPANCY
WIND LOADS-OPEN BUILDING-CLEAR FLOW FROM SOUTH-EAST
COMPONENTS & CLADDING-ROOF PRESSURES, $a=4.3$ FT:

- * MAX. NEGATIVE WIND LOADS, ZONE 2&3, $>9.</=36$ SF = -33.6 PSF
- * MAX. POSITIVE WIND LOADS, ZONE 2&3, $>9.</=36$ SF = 14.9 PSF
- * BASE PRESSURE. $q_h = 22.0$ PSF
- * FACIA PANELS-HORIZONTAL PRESSURES, $q_p=18.3$ PSF:
- * WINDWARD 27.5 PSF
- * LEEWARD -18.3 PSF

NOTES:

- * STEEL DESIGN - CURRENT AISC MANUAL 9TH EDITION - A36 (PRIMED)
- * WELDING ELECTRODES CLASS E-70XX (LOW HYDROGEN FOR A992 STEEL)
- * ALL WELDS ARE 3/16 FILLET UNLESS OTHERWISE NOTED
- * DECK SYSTEM TO BE ATTACHED TO PURLINS WITH DECK CLAMPS AT EACH CONTACT POINT ON MIDDLE PURLIN(S) 2 CLAMPS EACH CONTACT POINT ON EXTERIOR PURLINS

NOTES:

DESIGN CRITERIA: (ALL DESIGN PER 2010 FLORIDA BUILDING CODE, UNLESS OTHERWISE NOTED)

1. LIVE ROOF LOAD ----- 15 PSF
2. WIND ULTIMATE LOAD ----- 120 MPH PER 1609C
3. ALLOWABLE UNIT STRESS:
 - A) CONCRETE ----- 3000 PSI
 - B) REBAR ----- ASTM A3615 GRADE 10 & A305
 - C) HIGH TENSILE BOLTS --- A325
 - D) WELD ELECTRODES ----- A233, CLASS E70XX
 - E) SOIL BEARING ----- 2,000 PSF
 - F) STEEL DESIGN ----- CURRENT AISC MANUAL (A36)

GENERAL STRUCTURAL NOTES:

1. UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM COVER FOR REBAR SHALL BE AS FOLLOWS:
FOOTINGS; ----- 3"
SLAB ON GRADE; --- CENTERED
2. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
3. IF FOOTING ELEVATIONS SHOWN OCCUR IN A DISTURBED, UNSTABLE OR UNSUITABLE SOIL, THE ENGINEER SHALL BE NOTIFIED
4. ALL WELDS ARE 3/16" FILLET WELDS UNLSES OTHERWISE NOTED. (USE LOW HYDROGEN RODS IF A992 STEEL IS USED)
5. ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS

AUG 15 2012

7-23-2012

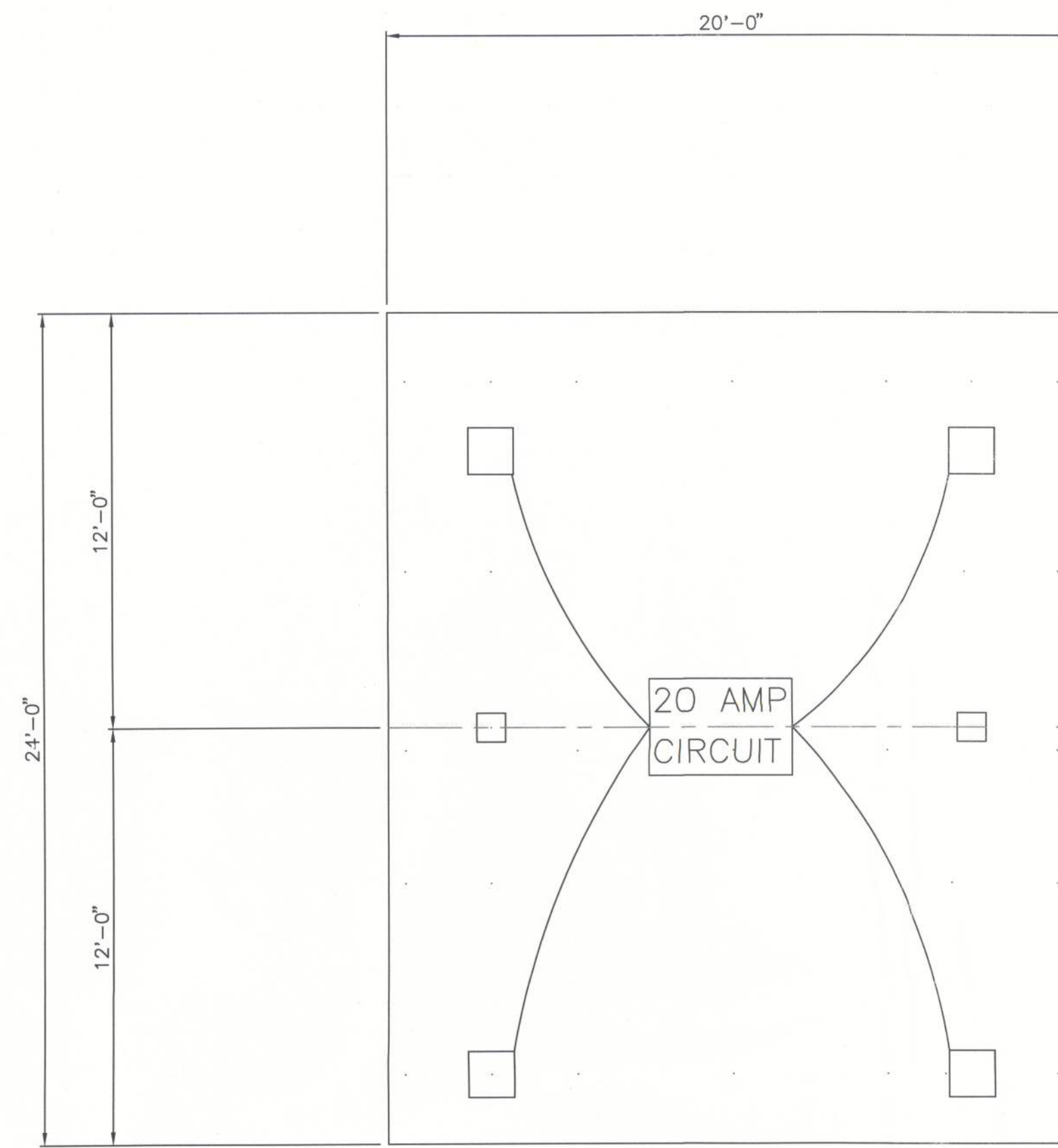
AUSTIN ACE, P.E.
5908 ORCHARD POND DRIVE
ORANGE PARK, FL 32003
(904) 579-4508 FL. CERT. 35454

REV.	DATE	DESCRIPTION

HUNTER OIL #42 20'x24' CANOPY
3828 U.S. HWY 441 SOUTH
LAKE CITY (COLUMBIA COUNTY), FLORIDA 32055
STEEL FRAMING PLAN, ELEVATIONS AND NOTES

CARR-TECH INDUSTRIES, INC.
5988 COLLINS ROAD
Jacksonville, Florida 32244
(904) 771-2340

DWN. BY	SC
DATE	7-23
CK'D BY	GKI
DATE	7-23
JOB NO.	
DWG NO.	S-1



CANOPY LIGHTING PLAN

NOTES:

1. PROVIDE (1) OVERFLOW SCUPPER @ EACH CORNER
2. PROVIDE (4) NEW 320W LIGHTS
3. ELECTRICIAN TO PULL SEPARATE PERMIT FOR ELECTRIC

[Handwritten signature]

DWN. BY SC
DATE 7-23
CK'D BY GKI
DATE 7-23

JOB NO.

DWG NO.

S-2

CARR-TECH INDUSTRIES, INC.
5988 COLLINS ROAD
Jacksonville, Florida 32244
(904) 771-2340

HUNTER OIL #42 20' x 24' CANOPY
3828 HWY 441 SOUTH
LAKE CITY, (COLUMBIA COUNTY) FLORIDA 32055
LIGHTING PLAN AND NOTFS

REV.	DATE	DESCRIPTION

AUSTIN ACE, P.E.
5908 ORCHARD POND DRIVE
ORANGE PARK, FL 32003
(904) 716-3661 FL CERT. 354



CONNECTIONS MAY BE WELDED IN LIEU OF BOLTED. ALL WELDS SHALL BE IN ACCORDANCE WITH AWS SPECIFICATIONS.

