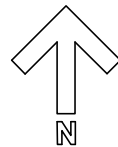


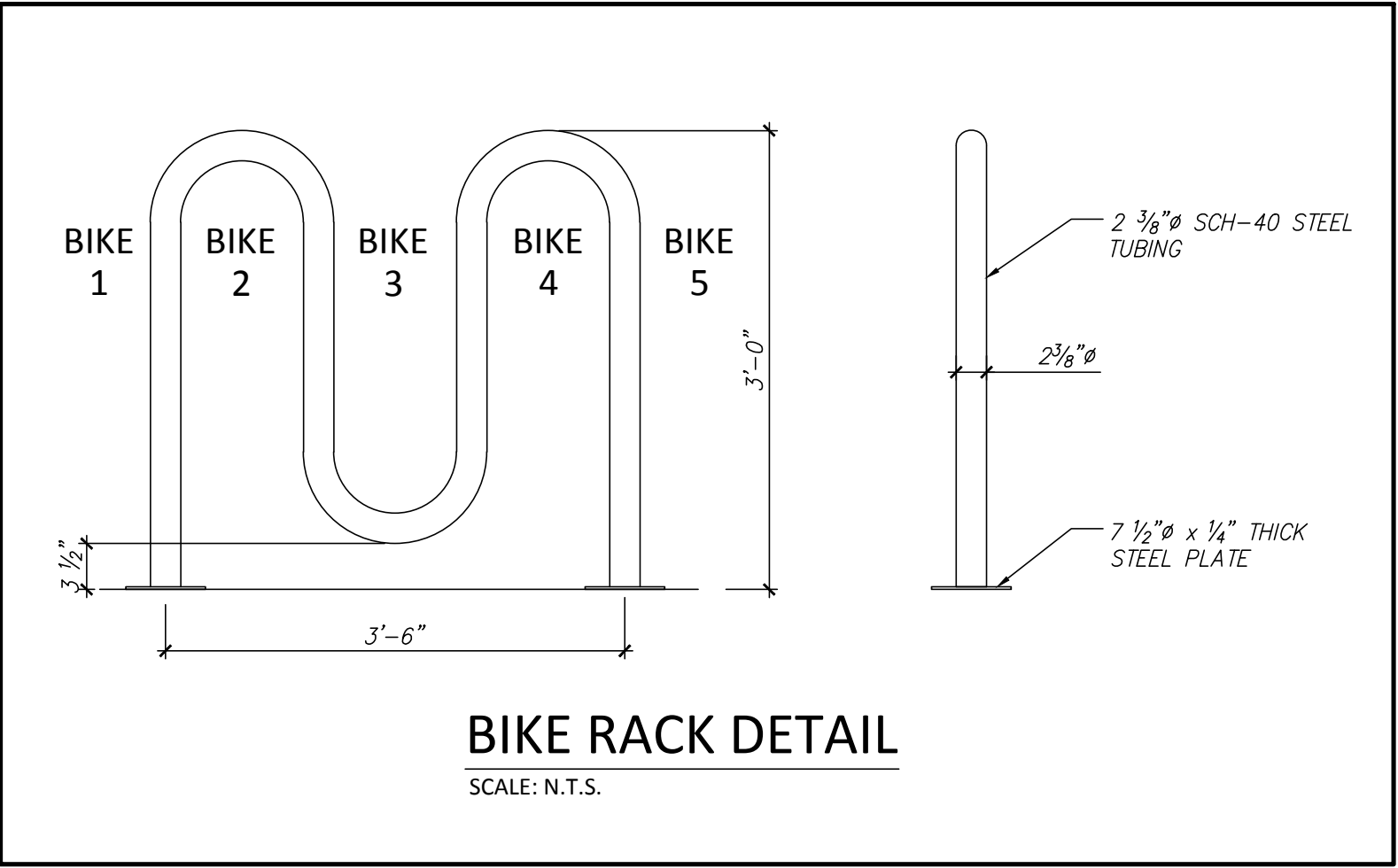
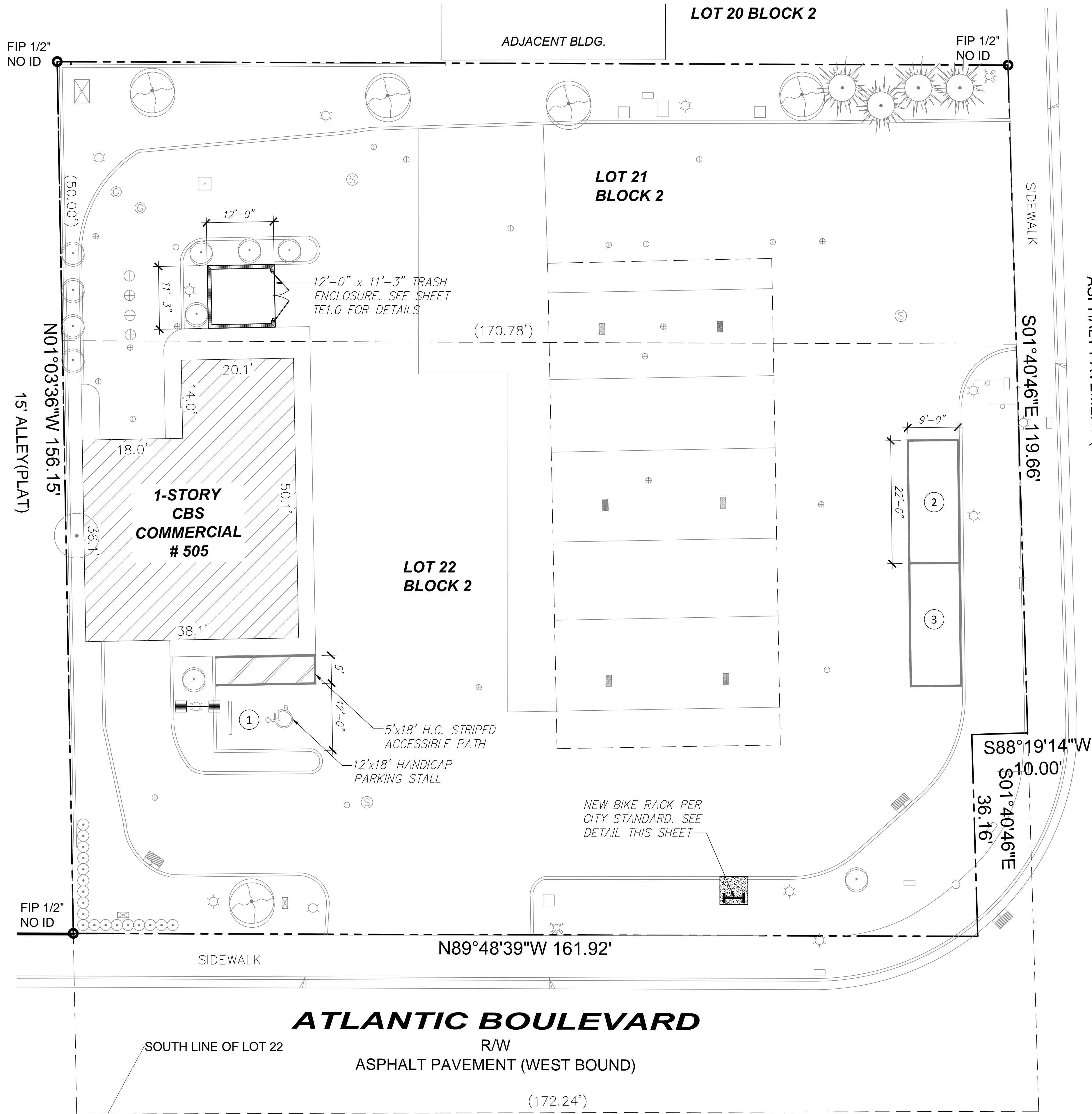


Know what's below.
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SITE PLAN

SCALE: 1" = 10'-0"



GAS STATION & CONVENIENCE STORE

505 N. STATE ROAD 7
MARGATE, FL 33063

OWNER ADDRESS: 1901 BRICKELL AVE #B-1808 MIAMI, FL 33131

OWNER: TRUST NUMBER 44, SEMET, B.M. & SEMET, CO. TRUSTEES

DATE: 10/16/2014

SITE PLAN

SP1.0

CERTIFIED & SEALED BY:

REYAT A. FARIS
FL P.E. LIC. No. 75807

SCALE:
(as shown)

LICENCE:
www.flspe.com

DRAFTER:
PFA

OWNER ADDRESS: 1901 BRICKELL AVE #B-1808 MIAMI, FL 33131

OWNER: TRUST NUMBER 44, SEMET, B.M. & SEMET, CO. TRUSTEES

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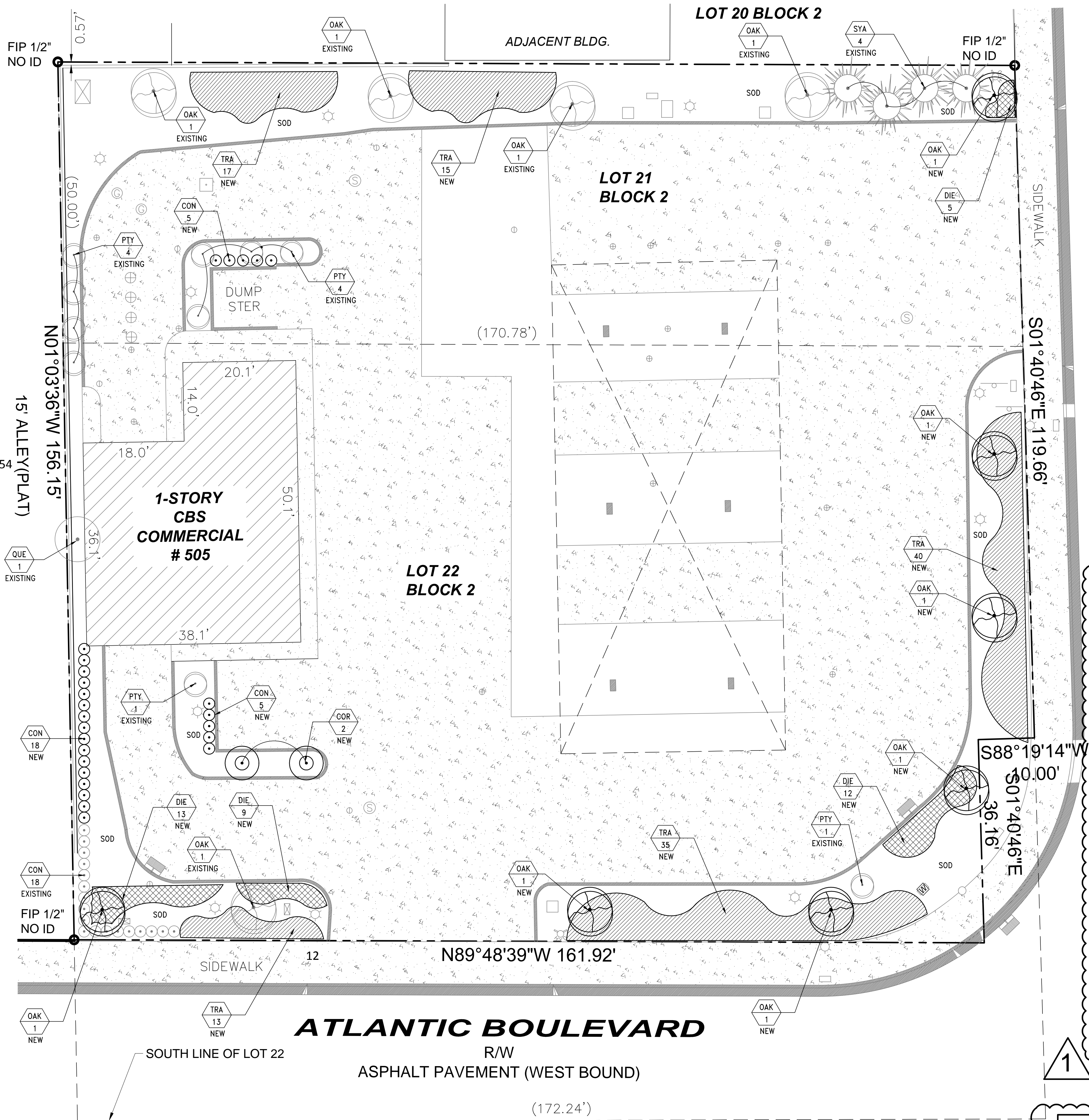
SITE PLAN

SP1.0

REVISIONS/ISSUES

NO.	DATE	DESCRIPTION

NAME:	SPECIALTY:	# LIC.	ADDRESS:	TELEPHONE:



STATE ROAD NO.7 (U.S. HWY NO.441)
R/W
ASPHALT PAVEMENT (SOUTH BOUND)

- NOTES**
- LANDSCAPE CONTRACTOR TO PROVIDE 100% COVERAGE & MAINTAIN A 50% MIN. OVERLAP OVERLAP TO ALL LANDSCAPED AREAS. THE SYSTEM SHALL HAVE A RAIN SENSOR DEVICE, USING RUST FREE WATER. IRRIGATION SYSTEM SHALL MAINTAIN AND OPERATE A RAIN SENSOR DEVICE OR SWITCH WITH 100% COVERAGE AND 50% OVERLAP THAT WILL OVERRIDE THE IRRIGATION CYCLE OF THE SPRINKLER SYSTEM WHEN ADEQUATE RAINFALL OCCURS.
 - AN ON SITE REPRESENTATIVE SHALL BE DESIGNATED, WHO WILL BE RESPONSIBLE FOR THE INSTALLATION & MAINTENANCE OF ALL VEGETATION PORTECTIVE BARRIERS & BE RESPONSIBLE FOR SUPERVISING THE REMOVAL OF ALL EXISTING VEGETATION PERMITTED TO BE REMOVED. REPRESENTATIVE SHALL BE ON SITE DURING ALL CLEARING OPERATIONS.
 - LIMITED DIGGING AND / OR PLANTING SHALL OCCUR WITHIN THE DRIPLINE OF THE TREES WHICH ARE TO REMAIN ON SITE.
 - 3"-4" OF MULCH IS RECOMMENDED FOR ALL PLANTING (NON-CYPRESS). ALL BED AREAS TO RECEIVE A 3" LAYER OF EUCALYPTUS MULCH / FLORIMULCH. OF MATERIAL & SHALL BE A MIN. OF 1'-0" WIDER THAN PLANTS(MEASURED FROM OUTSIDE OF FOLIAGE). ALL TREES AND PALMS IN SODDED AREAS SHALL HAVE A MINIMUM OF 36" IN DIAMETER RING, COVERED WITH A 3" LAYER OF MULCH OVER THE SURFACE OF THE ROOTBALL AND PULLED BACK 6" FROM BASE OF ALL PLANT MATERIAL TO AVOID TOUCHING THE CROWN OF THE TRUNK. COVER THE ENTIRE HEDGE AND SHRUB BEDS WITH A 3" LAYER OF MULCH. AVOID PILING AROUND THE TRUNK AREAS. PINE TREES SHALL HAVE PINE NEEDLE MULCH COVERING ALL TREES IN GROUPINGS, WHERE PLANTING AREAS INCLUDE A CATCH BASIN, INSTALL EROSION CONTROL MATTING (AS PER MANUFACTURES SPEC'S.) 25' FROM THE INLET, SLIT FABRIC TO INSTALL SHRUBS AND APPLY 3" LAYER OF MULCH. MULCH SHALL BE GRADE A, WEED FREE, EUCALYPTUS OR MELALEUCA.
 - LANSCAPE CONTRACTOR TO PROVIDE HEDGE SCREENING SUCH AS AIR CONDITIONER PADS AROUND SPRINKLER PUMP HOUSE , BACKFLOW PREVENTERS,ETC. AS REQUIRED.
 - ALL TREES TO HAVE AT LEAST 5' CLEAR TRUNK AND SHALL HAVE 36" DIA. MULCH BED.
 - ALL NEW TREES/PALMS SHALL BE INSTALLED IN COMPLIANCE WITH "FPL PLANT THE RIGHT TREE IN THE RIGHT PLACE"

NOTE:
PLANTING SOIL: PLANTING SOIL SHALL BE COMPOSED OF 60% CLEAN COURSE SAND, 15% WOODCHIP BARK & SAWDUST MIXED WITH 25% CANADIAN PEAT. ANY VARIATIONS IN THIS COMPOSITION SHALL BE APPROVED BY THE OWNER PRIOR TO USE. PLANTING SOIL SHALL BE FREE OF STONES, PLANTS, ROOTS AND OTHER FOREIGN MATERIALS WHICH MIGHT BE A HINDRANCE TO PLANTING OPERATIONS OR BE DETRIMENTAL TO GOOD PLANT GROWTH. SOIL SHALL BE DELIVERED IN A LOOSE FRIABLE CONDITION AND APPLIED IN ACCORDANCE WITH THE PLANTING SPECIFICATIONS. (DO NOT USE FLORIDA MUCK IN THE LANDSCAPE PLANTING SOIL MIX.)
GENERAL CONTRACTOR TO REMOVE EXISTING MATERIAL BENEATH THE REMOVED CONCRETE TO A DEPTH OF 3 FEET AS REQUIRED FOR THE NEW LANDSCAPED AREAS; SEE SOIL SPECIFICATION NOTE ABOVE.
LANDSCAPE CONTRACTOR SHALL CALL THE LANDSCAPE ARCHITECT FOR A FINAL COMPLIANCE INSPECTION 72 HOURS MINIMUM REQUEST BEFORE INSPECTION IS SCHEDULED, CALL (561)795-0443 AS REQUIRED.
SEE SHEET L-2 SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND NOTES.
ALL PLANT MATERIAL SHALL BE FLORIDA # 1 OR BETTER & SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS" FLORIDA DEPT. OF AGRICULTURE GRADES AND STANDARDS". CURRENT EDITION RESPECTIVELY.
LANDSCAPE CONTRACTOR TO CALL THE CITY OF MARGATE TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO ANY INSTALLATION, AS REQUIRED.

* ALL CONTAINER GROWN TREES SHOWN AS SPECIFIED THAT EXHIBIT CIRCLING ROOTS WILL NOT BE ACCEPTED.

NOTE: "NO WATER/SEWER IMPACTS OR CHANGES"

CITY OF MARGATE LANDSCAPE CODE REQUIREMENTS

TOTAL SITE AREA: 26,340 S.F. (.60 ACRES)

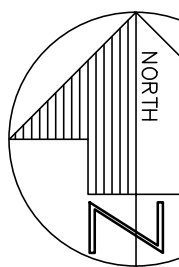
- ALL BUFFERS FOR R.O.W. PERIMETER, OTHER PERIMETERS AND INTERIOR DIMENSIONS ARE EXISTING TO REMAIN.
- ALL EXISTING TREES AND SHRUBS TO REMAIN AND TO BE COUNTED AS PART OF THE REQUIRED LANDSCAPE CALCULATION.

GREEN SPACE AREA:	REQUIRED	PROVIDED
ROW PERIMETER = 2,254 S.F. EXISTING GRASS AREA & 317.78 L.F.:		
TREES:	1 SHADE TREE FOR EVERY 40 FT. TOTAL FRONTAGE: 317.78 L.F./40 = 8 SHADE TREES	8 (7 NEW / 1 EXISTING)
GROUNDCOVERS:	50% MIN. OF ENTIRE ROW LANDSCAPE BUFFER AREA MUST BE FILLED WITH GROUNDCOVERS TOTAL AREA: 2,254 S.F. = 50% (1,127 S.F. REQUIRED)	1,130 S.F. (360 GROUNDCOVERS)
SOD:	50% MAX. COVER	670 S.F. (30%) 454 S.F. MULCH (20%)
HEDGES:	TO BE PLANTED WITHIN THE LANDSCAPE STRIP ALL HEDGES MUST BE PLANTED 2' AWAY FROM ANY PUBLIC SIDEWALK	127 COUNT FOR 317 L.F.
OTHER PERIMETER = 2,546 S.F. (EXISTING):	1 TREE PLANTED FOR EVERY 75 FT. = 326 L.F. = 5 TREES REQUIRED	6 EXISTING (NORTH & WEST) 5 TREES + 4 PALMS (3:1) = 1 TREE
	30% MAX. OF SOD AREA = 763.8 S.F. REQUIRED	750 S.F. = (29%)
GROUNDCOVERS:		20% AREA
HEDGES:	TO BE PLANTED WITHIN THE LANDSCAPE STRIP ALL HEDGES MUST BE PLANTED 2' AWAY FROM ANY PUBLIC SIDEWALK	50 COUNT
INTERIOR LANDSCAPING = 368 S.F. (EXISTING):	1 TREE PER 200 S.F. = 2 TREES REQUIRED 5 SHRUBS PER 200 S.F. = 9 SHRUBS REQUIRED REQUIRED 30% SOD AREA MAX. = 110 S.F. REQUIRED	2 NEW + 4 PALMS EXIST. TO REMAIN 10 NEW 95 S.F. = 26%

DROUGHT TOLERANCE
* MODERATE
** VERY

LANDSCAPE LEGEND

DROUGHT TOLERANCE	NATIVE	CODE	AMOUNT	BOTANICAL NAME / COMMON NAME	SIZE	REMARKS
**	YES	OAK	8	QUERCUS VIRGINIANA / LIVE OAK	12'-NEW, 25'/30'-EXIST. HTG.	5-EXISTING 2.5' CAL. & 3-NEW F.G. 2' CAL.
**	YES	QUE	1	QUERCUS MYRTIFOLIA / MYRTLE OAK	18'20' HTG.	F.G. 12" CALIPER EXIST. TO REMAIN
**	YES	COR	2	CORDIA SEBESTENA/ ORANGE GEIGER	12'X5'-6"	45 GAL. 2" CAL. MIN.
**	YES	PTY	10	PTYCHOSPERMA ELEGANS / ALEXANDER PALM	12' HTG.	EXISTING TO REMAIN
**	NO	SYA	4	SYAGRUS ROMANOFFIANA/ QUEEN PALM	20'-22' HTG.	EXISTING TO REMAIN
**	YES	CON	28	CONOCARPUS SERICEUS/SILVER BUTTOWOOD	36" HTG.	24" O.C. FULL TO BASE
**	YES	CON	18	CONOCARPUS SERICEUS/SILVER BUTTOWOOD	36" HTG.	24" O.C. FULL TO BASE (EXISTING TO REMAIN)
*	YES	TRA	120	TRADESCANTIA PALLIDA/"PURPLE HEART"	18" 3 GAL.	24" O.C. FULL TO BASE
*	YES	DIE	39	DIETES BICOLOR/"WILD IRIS"	18" 3 GAL.	24" O.C. FULL TO BASE



LANDSCAPE PLAN

SCALE: 1" = 10'-0"



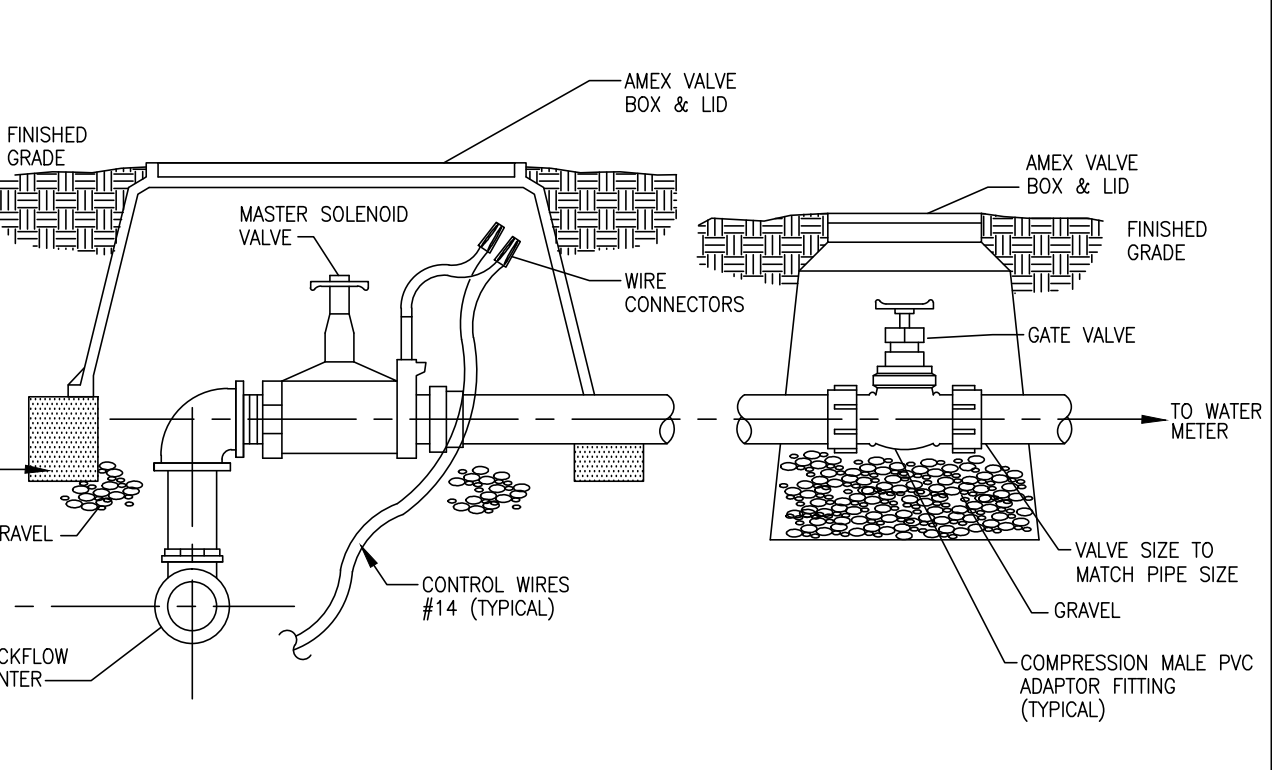
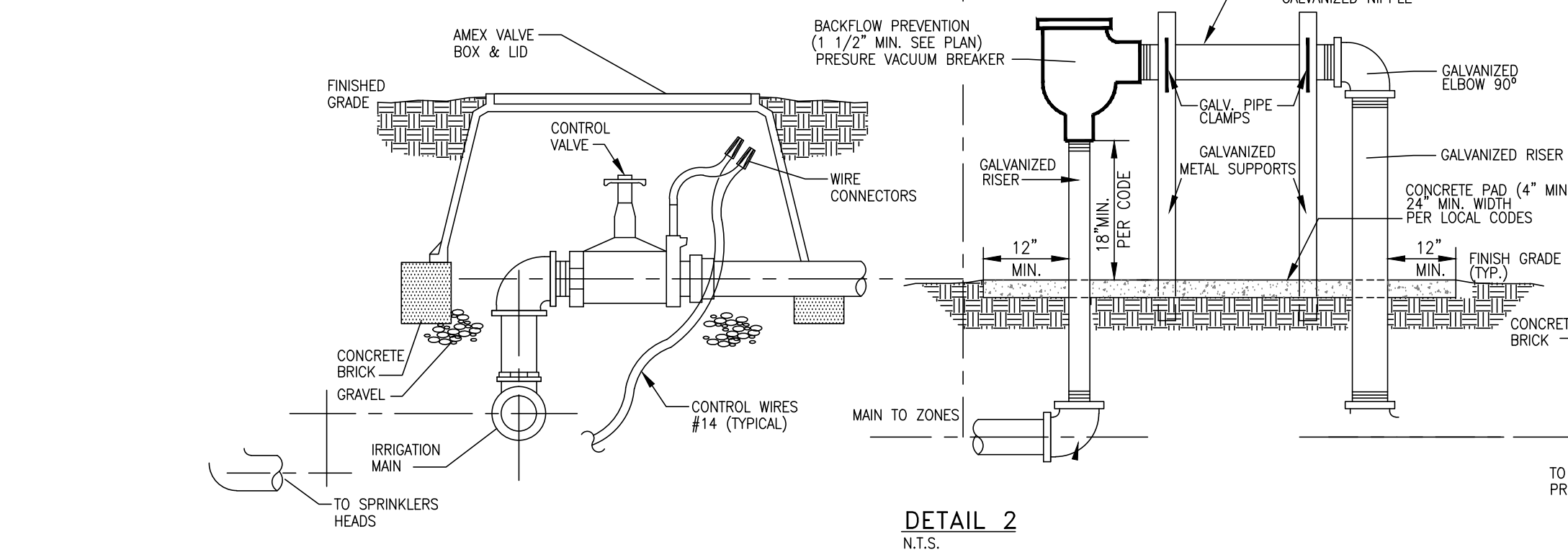
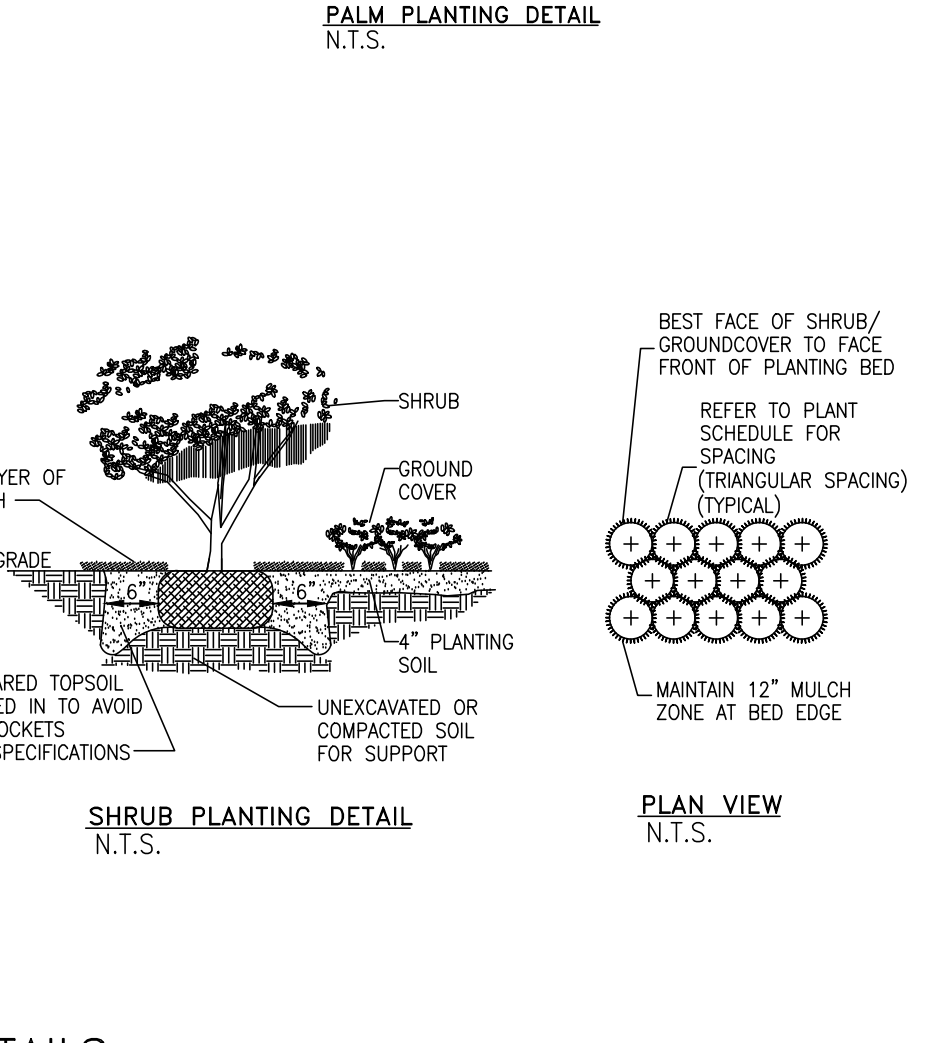
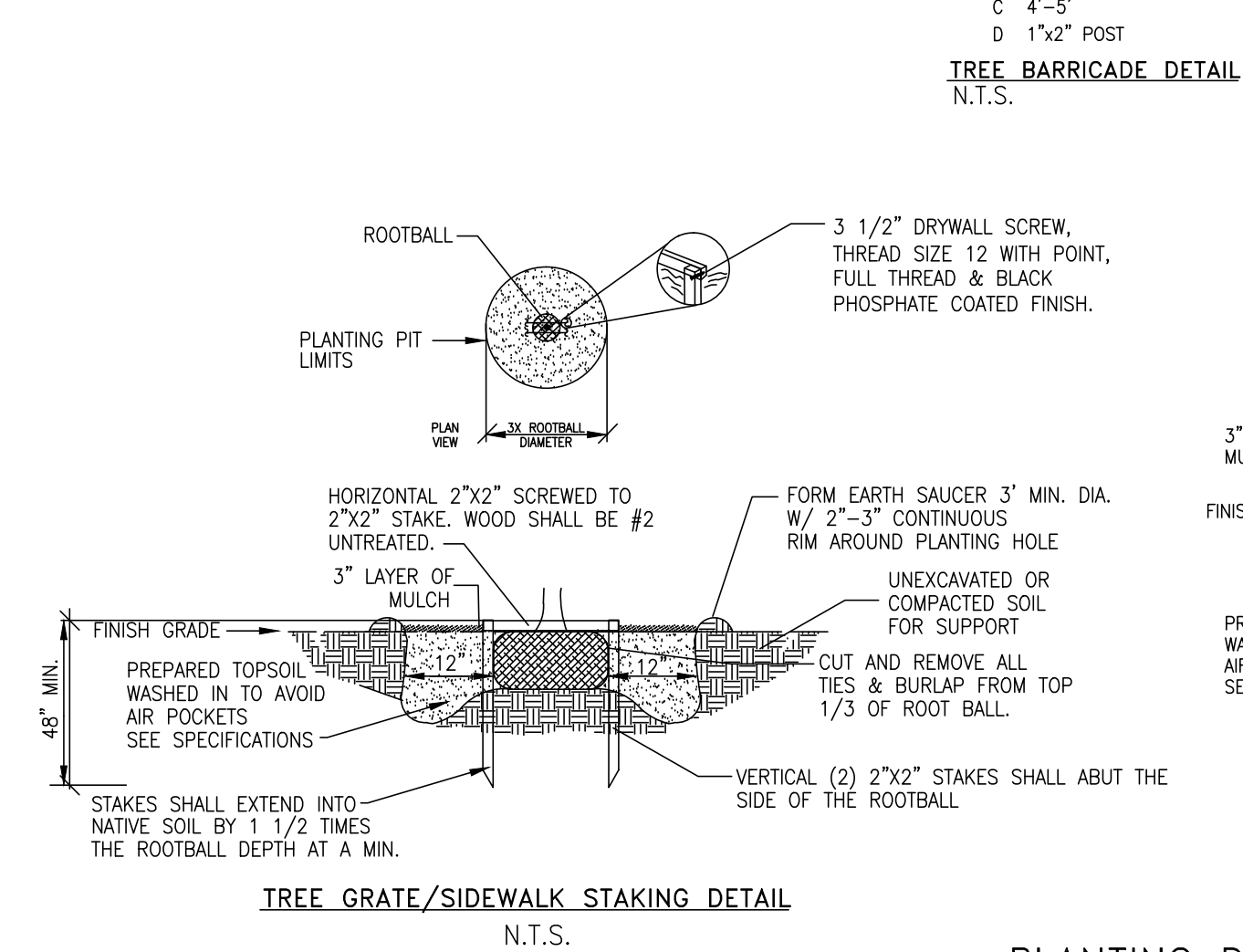
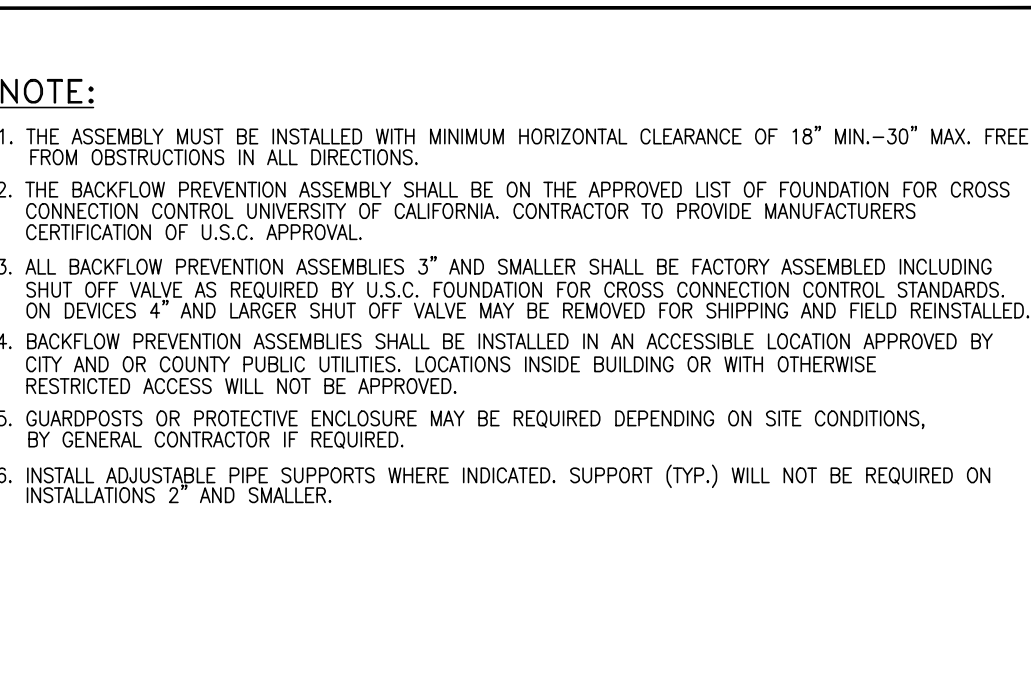
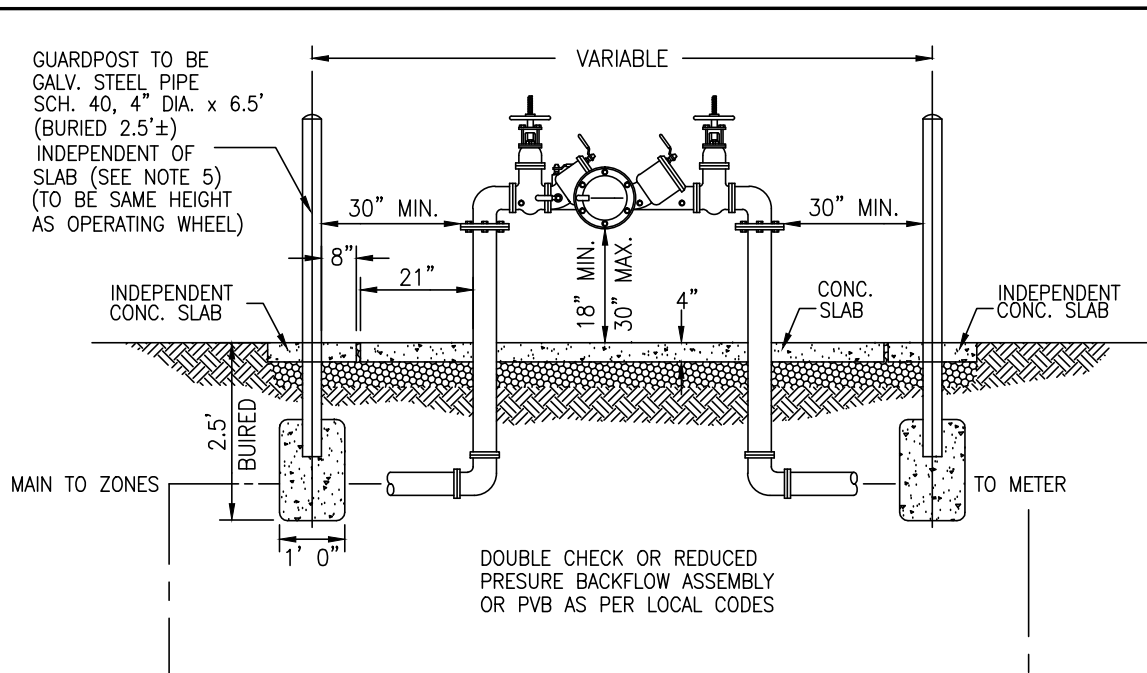
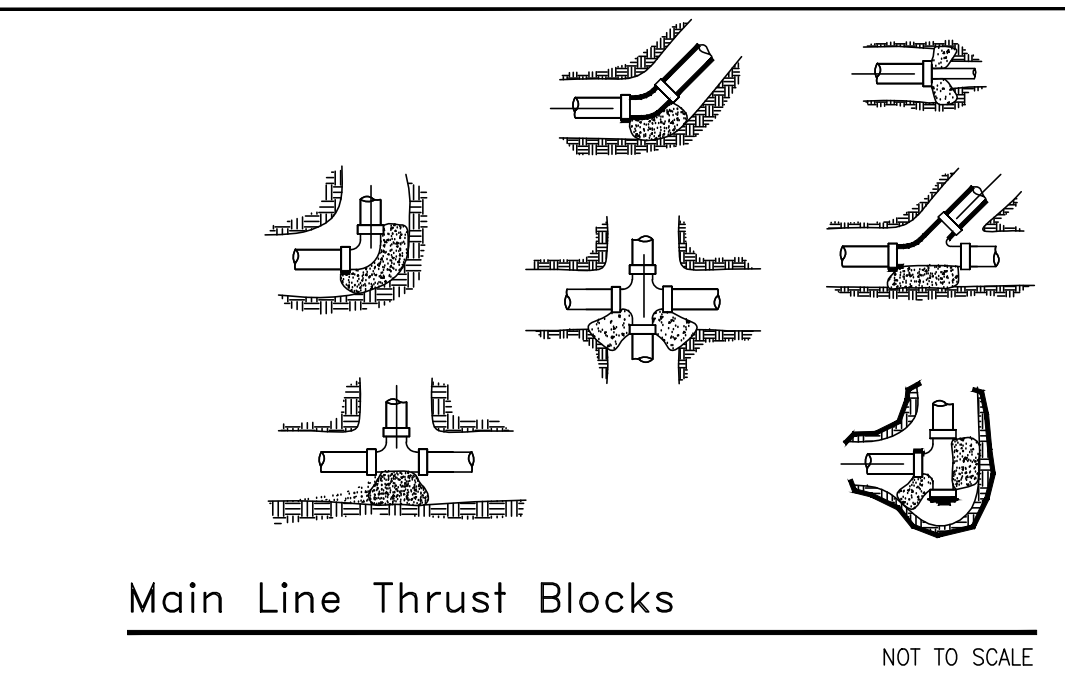
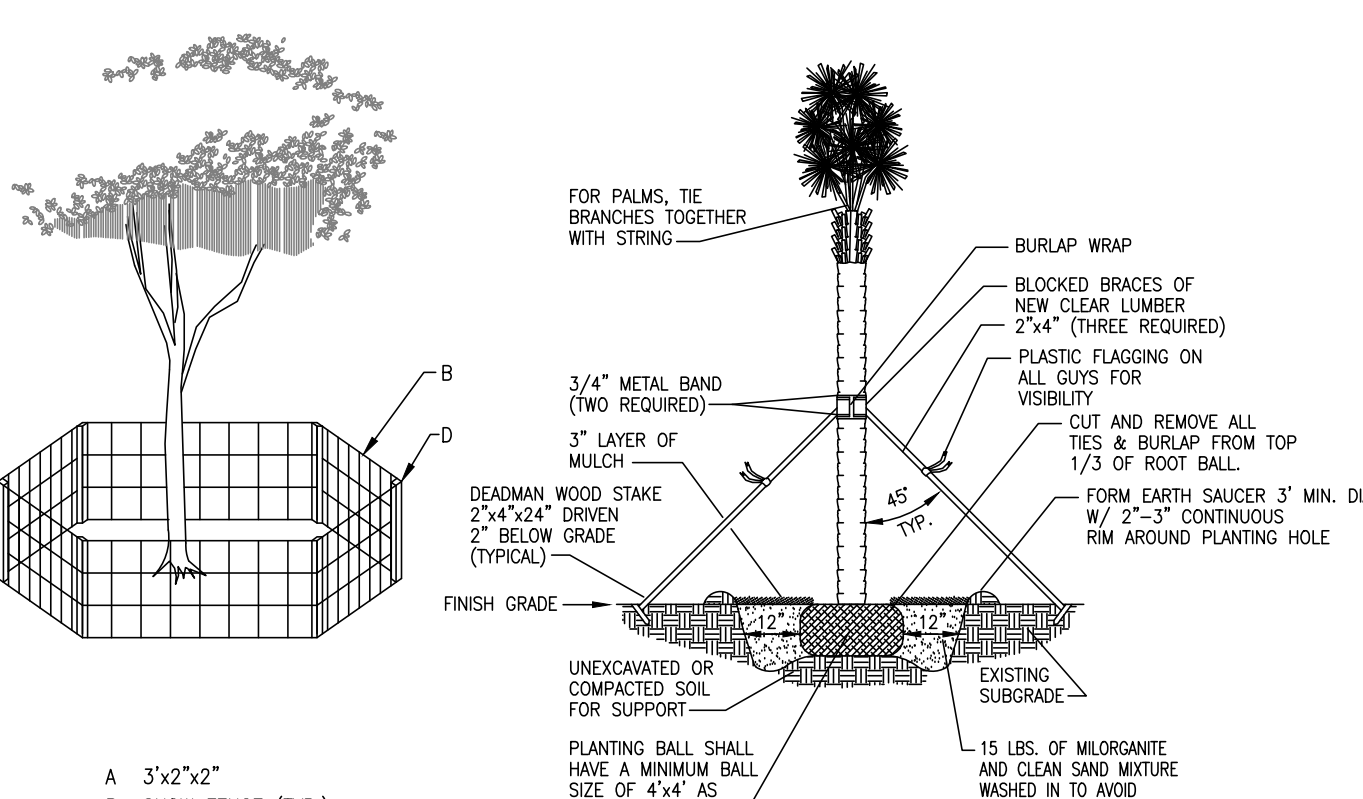
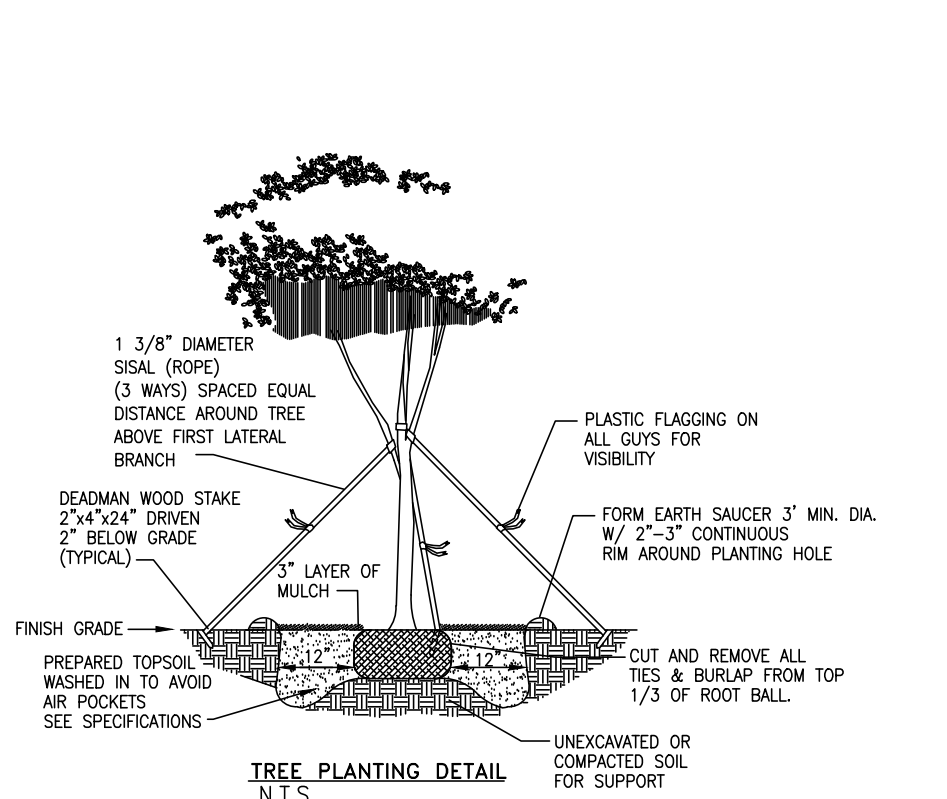
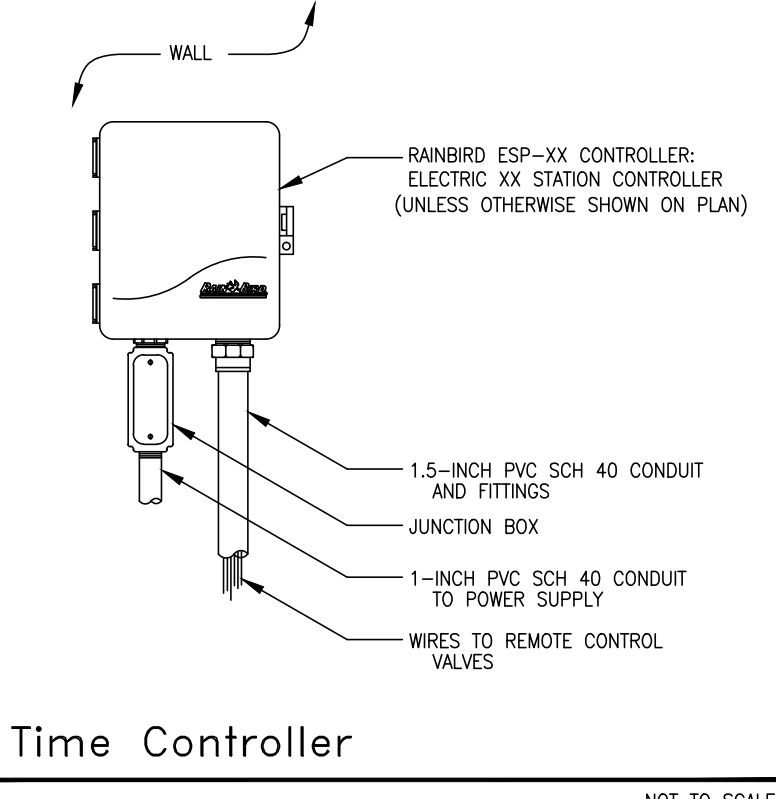
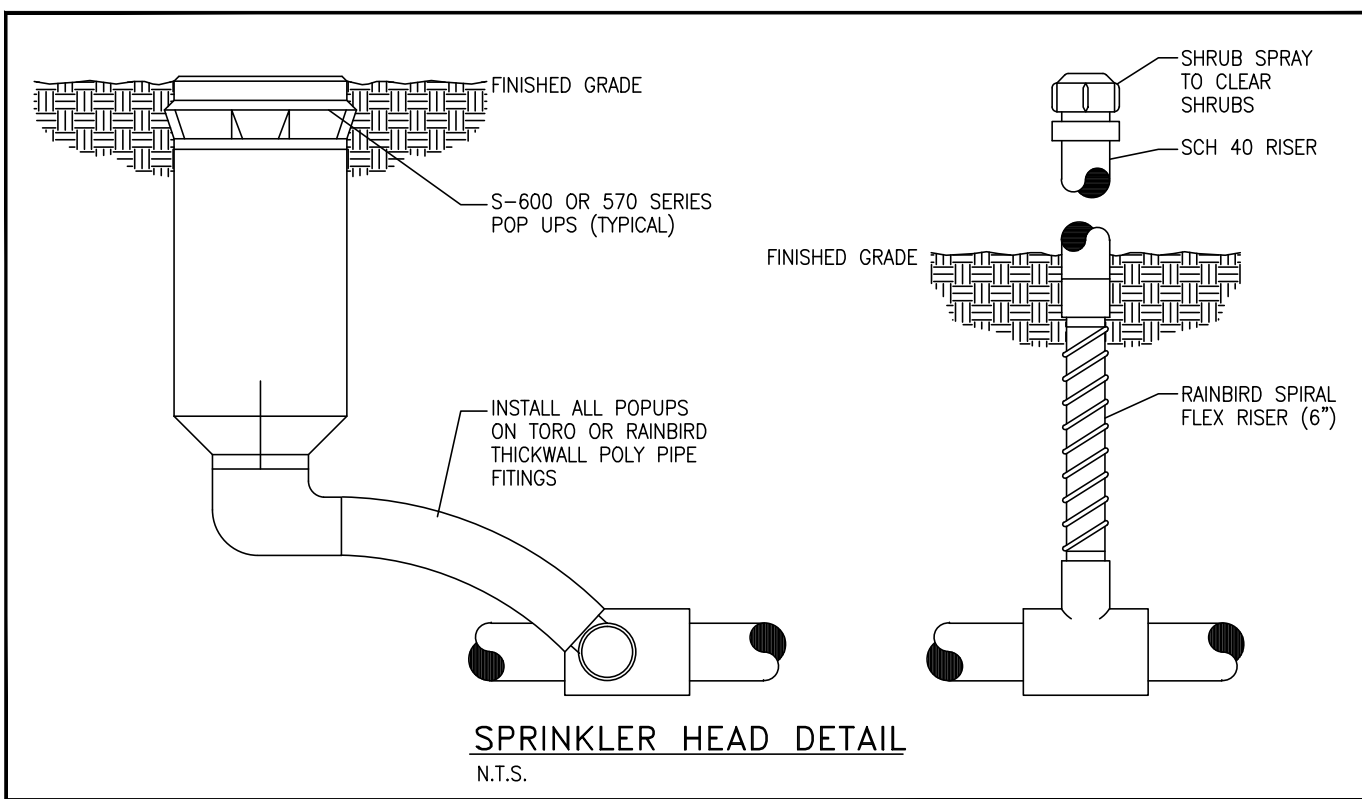
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REVISIONS/ISSUES	DATE	DESCRIPTION
1	12-16-14	REVISED PER COMMENTS

REVISIONS/ISSUES	DATE	DESCRIPTION
1	12-16-14	REVISED PER COMMENTS

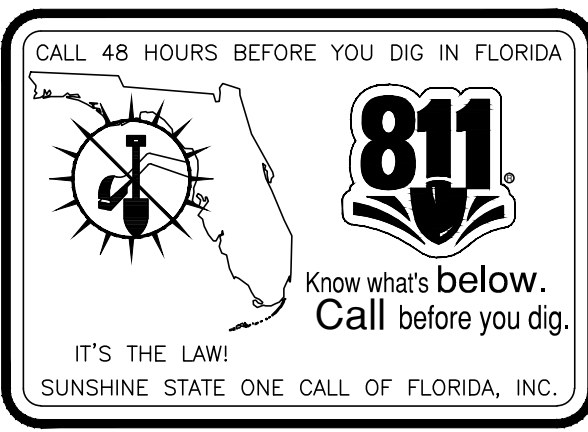
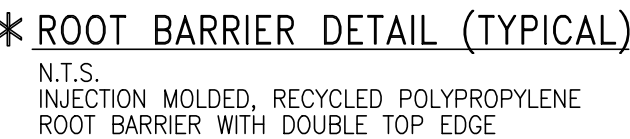
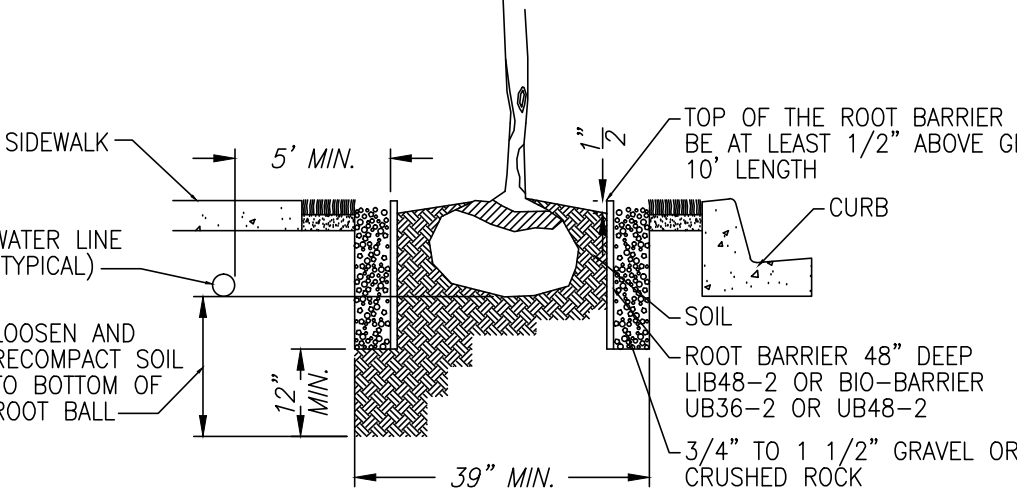
GLOBAL ENGINEERING EXPERTS, LLC.

PROJECT NAME:	GAS STATION
TITLE:	LANDSCAPE PLAN
SHEET No.:	L-1.0
OWNER:	505 NORTH SR7 MARGATE, FLORIDA 33063
OWNER ADDRESS:	1901 BRICKELL AVE #B-1808 MIAMI, FL 33131
TRUST NUMBER:	AL, SHERET, BAY & SHERET, CB TRUSTEES
DATE:	10/16/2014
DRAWN BY:	PA
SCALE:	(as shown)
LICENCE:	FL P.E. LIC. No. 75807




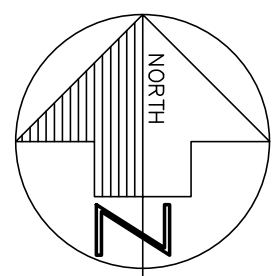
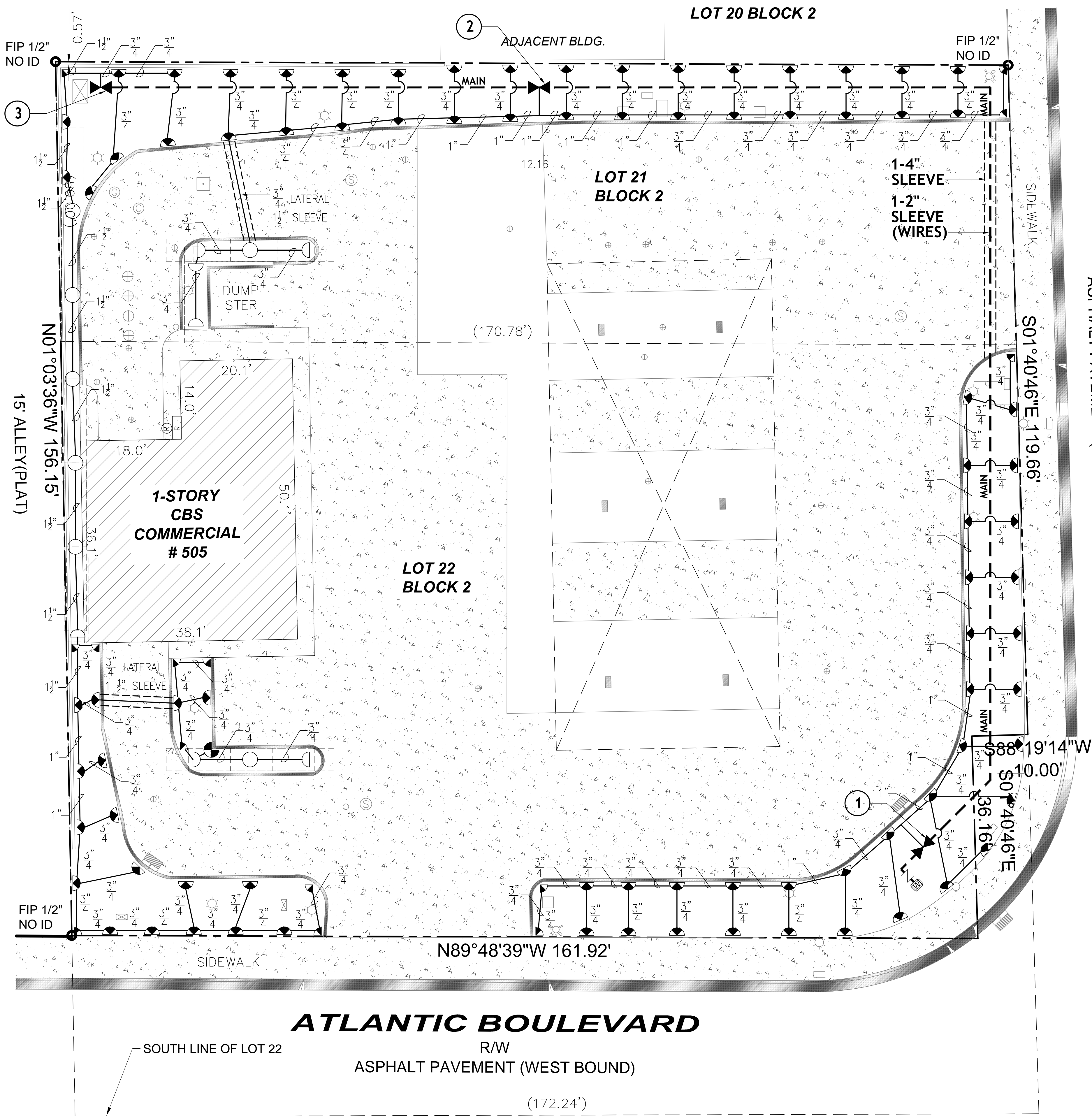
1. CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES.

1. CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN WILL TAKE PRECEDENCE OVER THE PLANT LIST.
2. EXACT LOCATION WITH PLANT MATERIAL MAY VARY SLIGHTLY. COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
3. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE "FLORIDA #1" OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT. OF AGRICULTURAL GRADES AND STANDARDS", CURRENT EDITION RESPECTIVELY.
4. ALL PLANTING TO BE DONE ACCORDING TO GOOD NURSERY PRACTICE.
5. ALL PLANTING MATERIAL SHALL BE GUARANTEED 365 DAYS (1 YEAR) FROM TIME OF FINAL INSPECTION & APPROVAL.
6. ALL SOD TO BE ST. AUGUSTINE FLORATAM SOLID, UNLESS OTHERWISE NOTED.
7. ALL BED AREAS TO RECEIVE A 3" LAYER OF EUCALYPTUS MULCH / FLORIMULCH, & SHALL BE A MIN. OF 1'-0" WIDER THAN PLANTS (MEASURED FROM OUTSIDE OF FOLIAGE)
8. ALL TREES TO HAVE A 2 1/2" MINIMUM TRUNK CALIPER OR UNLESS OTHERWISE SHOWN ON LANDSCAPE LEGEND.
9. ALL TREES FIELD GROWN (LIRO CAN TREES NOT ACCEPTABLE), UNLESS OTHERWISE SHOWN.
10. LANDSCAPER TO FURNISH ALL MATERIALS AND LABOR INCLUDING PLANTS, MULCH, TOP DRESSING, SOIL PREPARATION, DECORATIVE ITEMS (IF SHOWN), INSPECTIONS, TRANSPORTATION, WARRANTY, PERMITS, ETC., NECESSARY FOR COMPLETION OF ALL LANDSCAPING REQUIRED HEREIN EXCEPT IF DESIGNATED TO BE BY OTHERS.
11. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY CHANGES IN THE MATERIAL OR DESIGN PRIOR TO INSTALLATION OF THE SAME.
12. OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.
13. LANDSCAPER SHALL HAVE A COMPETENT SUPERINTENDENT PRESENT ON THE JOB WHO SHALL BE AUTHORIZED TO REPRESENT THE LANDSCAPER IN HIS ABSENCE.
14. PLANTS SHOULD BE TYPICAL FOR THEIR VARIETY AND SPECIES, SOUND, HEALTHY VIGOROUS, FREE FROM DISEASE, PLANT DAMAGE, INSECTS OR THEIR EGGS. THEY SHALL HAVE HEALTHY NORMAL ROOTS AND SHALL NOT BE ROOT BOUND. QUALITY AND SIZE: ALL PLANT MATERIALS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED.
15. ALL PLANT MATERIAL SHALL BE HANDLED IN A CAREFUL MANNER DURING TRANSPORTATION AND INSTALLATION.
16. PLANTS SHALL NOT BE PRUNED OR TOPPED BEFORE DELIVERY.
17. OWNER RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIALS.
18. LANDSCAPER SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE DAILY. THE PREMISES SHALL BE KEPT NEAT AND ORDERLY AT ALL TIMES WHILE WORK IS IN PROGRESS.
19. THE LANDSCAPE CONTRACTOR SHALL LAY OUT HIS WORK ACCORDING TO THE PLANS AND SPECIFICATIONS AND WILL BE RESPONSIBLE FOR ALL MEASUREMENTS EXCEPT WHERE SPECIFIC CARE IN LAYING OUT WORK TO KEEP WITHIN PROPERTY LINES AND RECOGNIZING EASEMENTS, THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ERRORS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN LAYOUT.
20. METHODS OF PROTECTION SHALL BE MAINTAINED AT ALL TIMES, AS REQUIRED TO INSURE ALL PERSONS AND PROPERTY AGAINST INJURY, AND SHALL BE MAINTAINED UNTIL THE COMPLETION OF ALL WORK.
21. PLANT MATERIALS ABBREVIATIONS ON THE PLANT LIST: FG (FIELD GROWN); CT (INDICATES CLEAR TRUNK MEASUREMENT FROM THE TOP OF BALL TO FIRST BRANCHING OR BASE OF THE LOWEST FROND); GAL (GALLON CAN); 3 GAL (3 GALLON CAN); OA (INDICATES OVERALL HEIGHT FROM TOP OF BALL TO MID POINT OF CURRENT SEASON'S GROWTH); SPR (INDICATES SPREAD); HY (INDICATES HEAVY); MIN (INDICATES MINIMUM).
22. SUBSTITUTION: PLANT SUBSTITUTION REQUESTS, FOR PLANT MATERIAL NOT OBTAINABLE IN THE TYPE AND SIZE SPECIFIED SHALL BE MADE PRIOR TO SUBMISSION OF BIDS. ALL SUBSTITUTION REQUESTS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION AND APPROVAL. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO KNOW WHERE THEY CAN OBTAIN ALL MATERIAL AT THE TIME OF BIDDING AND AT THE TIME A CONTRACT IS EXECUTED.
23. THE CONTRACTOR'S GUARANTEE SHALL NOT APPLY IN THE EVENT OF FIRE, FLOOD, HURRICANE, WINDSTORM, OR OTHER "ACTS OF GOD" OR DAMAGES TO LANDSCAPING IN PROGRESS CAUSED BY ANY PERSONS OTHER THAN THOSE PERSONS UNDER THE DOMINION AND CONTROL OF THE CONTRACTOR.
24. SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE ROOT BALLS EVEN WITH ROOT, OR SLIGHTLY HIGHER (+-1") THAN THE FINISHED GRADE.
25. DELIVERY RECEIPTS FOR TOPSOIL, PLANTING SOIL & MULCH SHALL BE SUPPLIED TO THE INSPECTOR OR LANDSCAPE ARCHITECT UPON REQUEST.



- HEADS TO BE INSTALLED IN PLANTERS AND BED AREAS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION & SHALL BE PAINTED FLAT BLACK; IF APPROVED.
2. ALL MAINS AND SLEEVES MUST BE PVC SCH 40 AND BURIED A MINIMUM OF 24" BELOW FINISH GRADE.
3. ALL LATERALS MUST BE PVC SCH 160 AND BURIED A MINIMUM OF 12" BELOW FINISH GRADE.
4. PROVIDE SLEEVES UNDER PAVEMENT PRIOR TO INSTALLATION OF SAME.
PIPE INSTALLATION IN VEHICLE TRAFFIC AREAS SHALL BE AS FOLLOWS: PLUMBING BUILDING CODE APPENDIX (F) PART V-A-1.:
PIPE SIZE (INCHES) DEPTH OF COVER (INCHES)
1/2 - 2 18"-24"
3-5 24"-30"
6 AND LARGER 30"-36"
5. CONTRACTOR TO SIZE PIPING (UNLESS OTHERWISE SHOWN) AND ADJUST SPRAY HEADS LOCATION TO CONFORM WITH WATER REQUIREMENTS OF ACTUAL LANDSCAPING FOR ADEQUATE WATER COVERAGE.
6. IRRIGATION CONTRACTOR SHALL PROVIDE 100% COVERAGE TO ALL LANDSCAPED AREAS AND MAINTAIN A 50% MIN. OVERLAP USING RUST FREE WATER.
7. IRRIGATION CONTRACTOR TO PROVIDE 35 PSI AT ALL HEADS.
8. HEADS TO BE INSTALLED IN PLANTERS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION.
9. IRRIGATION CONTRACTOR TO FURNISH CONTROLLER TIME CLOCK TO BE LOCATED IN MECHANICAL ROOM OR APPROVED LOCATION; SEE DETAIL.
10. BUILDING CONTRACTOR TO SUPPLY ELECTRICAL HOOK UP.
11. ALL WORK MUST BE DONE AS PER LOCAL CODES.
CODES AND STANDARDS: ALL WORK SHALL BE INSTALLED AND COMPLY WITH "FLORIDA BUILDING CODE APPENDIX (F) PART V-A-1." INCLUDING ORDINANCES AND REGULATIONS OF ALL GOVERNING AUTHORITIES.
WORK ALSO SHALL COMPLY WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) .
12. SYSTEM IS TO BE DESIGNED (IF NOT SHOWN ON PLAN) AND INSTALLED BY A QUALIFIED, LICENSED, AND INSURED LANDSCAPE IRRIGATOR.
13. SPRINKLER SYSTEM SHALL BE GUARANTEED FOR ONE YEAR AGAINST MECHANICAL DEFECTS.
14. IRRIGATION CONTRACTOR TO USE #14 DIRECT BURIAL LOW VOLTAGE WIRE AND INSTALLED UNDER SIDE OF MAIN LINES, TO INSURE PROTECTION AND LOCATING OF SAME, SLEEVED UNDER PAVEMENT AND WALKS, SPLICED ONLY AT VALVE LOCATIONS. ALL SPLICES SHALL BE MADE WATER PROOF, CONTROL WIRES SHALL BE COLOR CODED. ONE EXTRA WIRE SHALL BE RUN WITH EACH ZONE VALVE. IF K-RAINS NOT REQUIRED SEE PLAN FOR VALVE LOCATIONS.
15. ALL IRRIGATION LINE LOCATIONS SHOWN ON PLAN ARE APPROXIMATE. CONTRACTOR TO ADJUST TRENCHING IN FIELD FOR EXISTING CONDITIONS, PLANTINGS AND STRUCTURES AS REQUIRED.
16. IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR HAVING UTILITIES LOCATED. CARE SHALL BE TAKEN NOT TO DISTURB ANY UNDERGROUND CONSTRUCTION OR UTILITIES. ANY DAMAGE TO THESE FACILITIES DURING THE PLANTING OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE IRRIGATION CONTRACTOR IN A MANNER APPROVED BY THE OWNER.
17. ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLERS. SYSTEM SHALL PROVIDE 100% COVERAGE WITH A 50% OVERLAP (MINIMUM) USING RUST FREE WATER, EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED AND/OR PROVIDED ONTO IMPERVIOUS SURFACES AND/OR BE DESIGNED OR INSTALLED TO THROW WATER OVER IMPERVIOUS SURFACE SUCH AS SIDEWALKS, ETC.. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE LIMITED TO 5:00 PM TO 8:00 AM ONLY OR AS MAY BE FURTHER RESTRICTED BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT TO OTHER JURISDICTIONAL AGENCY.

PROJECT NAME: GAS STATION				CERTIFIED & SCALED BY: <div>REF: A. FARRIS FL P.E. LIC. No. 72607</div>	
ADDRESS: 505 NORTH SR7 MARGATE, FLORIDA 33063		GLOBAL ENGINEERING EXPERTS, LLC.			
DATE: 10/16/2014		OWNER: TRUST NUMBER 441 SEMET, B N & SEMET, GS TRUSTEE			
TITLE: LANDSCAPE & IRRIGATION DETAILS		OWNER ADDRESS: 1901 BRICKELL AVE #B-1808 MIAMI, FL 33131			
SHEET No. : L-2.0		DRAWN BY: PMA			
		SCALE: (AS SHOWN)			
		LICENCE: -----			
		NAME: 		SPECIALTY: 	
		ADDRESS: 		TELEPHONE: 	
		ID: 		DESCRIPTION: 	
		DATE: 		REVISES/ISSUES: 	

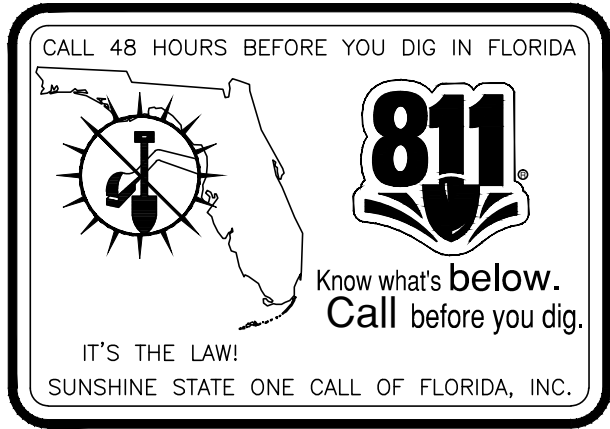


IRRIGATION PLAN
SCALE: 1" = 10'-0"

IRRIGATION LEGEND			
TORO SPRY NOZZLES 570 W/ 6" & 12" (BED AREAS) SPRINKLER BODY			
SYMBOL	MODEL NUMBER	AREA	GPM
	END STRIP - 4' EST	4'x15'	0.45
	CENTER STRIP - 4' CST	4'x30'	1.04
	QUARTER - 10' Q	10' RAD	0.40
	HALF - 10' H	10' RAD	0.71
	FULL - 10' 3-Q ADJ.	10' RAD	1.49
	CITY WATER METER		
	WATER METER & BACKFLOW PREVENTER (SIZE AS SHOWN)		
	TORO SERIES LOW VOLTAGE CONTROL VALVES 1" & 1 1/2" W/ DIRECT BURIAL #14 WIRE AS REQUIRED		
	2" SCH. 40 PVC MAIN LINE AS SHOWN		
	RAINBIRD ESP 8 STATION TIME CONTROLLER RAIN SWITCH READY 220/24 VOLT		
	TORO RAIN SENSOR DEVICE MODEL # 850-74		

SEE DETAIL #1 ON SPECIFICATION SHEET										
ZONE	1	2	3	4	5	6	7	8	9	10
# HEADS	34	35	43	-	-	-	-	-	-	-
G. P. M.	24.00	25.00	30.00	-	-	-	-	-	-	-

- NOTES:
- ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLERS. SYSTEM SHALL PROVIDE 100% COVERAGE WITH A 50% OVERLAP (MINIMUM) USING RUST FREE WATER, EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED AND/OR PROVIDED ONTO IMPERVIOUS SURFACES AND/OR BE DESIGNED OR INSTALLED TO THROW WATER OVER IMPERVIOUS SURFACE SUCH AS SIDEWALKS, ETC.. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE LIMITED TO 5:00 PM TO 8:00 AM ONLY OR AS MAY BE FURTHER RESTRICTED BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT OR OTHER JURISDICTIONAL AGENCY.
 - GENERAL CONTRACTOR TO SUPPLY AND INSTALL SLEEVES AS SHOWN AND PROVIDE ELECTRICAL HOOK-UP AS REQUIRED.
 - HEADS TO BE INSTALLED IN PLANTERS AND BED AREAS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION.
 - CODES AND STANDARDS: ALL WORK SHALL BE INSTALLED AND COMPLY WITH "FLORIDA BUILDING CODE APPENDIX (F)", INCLUDING ORDINANCES AND REGULATIONS OF ALL GOVERNING AUTHORITIES. WORK ALSO SHALL COMPLY WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) .



PROJECT NAME:
GAS STATION

OWNER:
505 NORTH SR7
MARGATE, FLORIDA 33063

DATE:
10/16/2014

OWNER ADDRESS:
1901 BRICKELL AVE #B-1808
MIAMI, FL 33111

TRUST NUMBER: 441, SOMET, B & SOMET, CB TRUSTEES

PROJECT NO.:
L-3.0

DATE:
10/16/2014

GLOBAL
ENGINEERING
EXPERTS, LLC.

SCALE:
(as shown)

DRPFR:
PMA

REVISIONS/ISSUES

REPEAT A PARS
FL P.E. LIC. No. 75807

TELEPHONE:

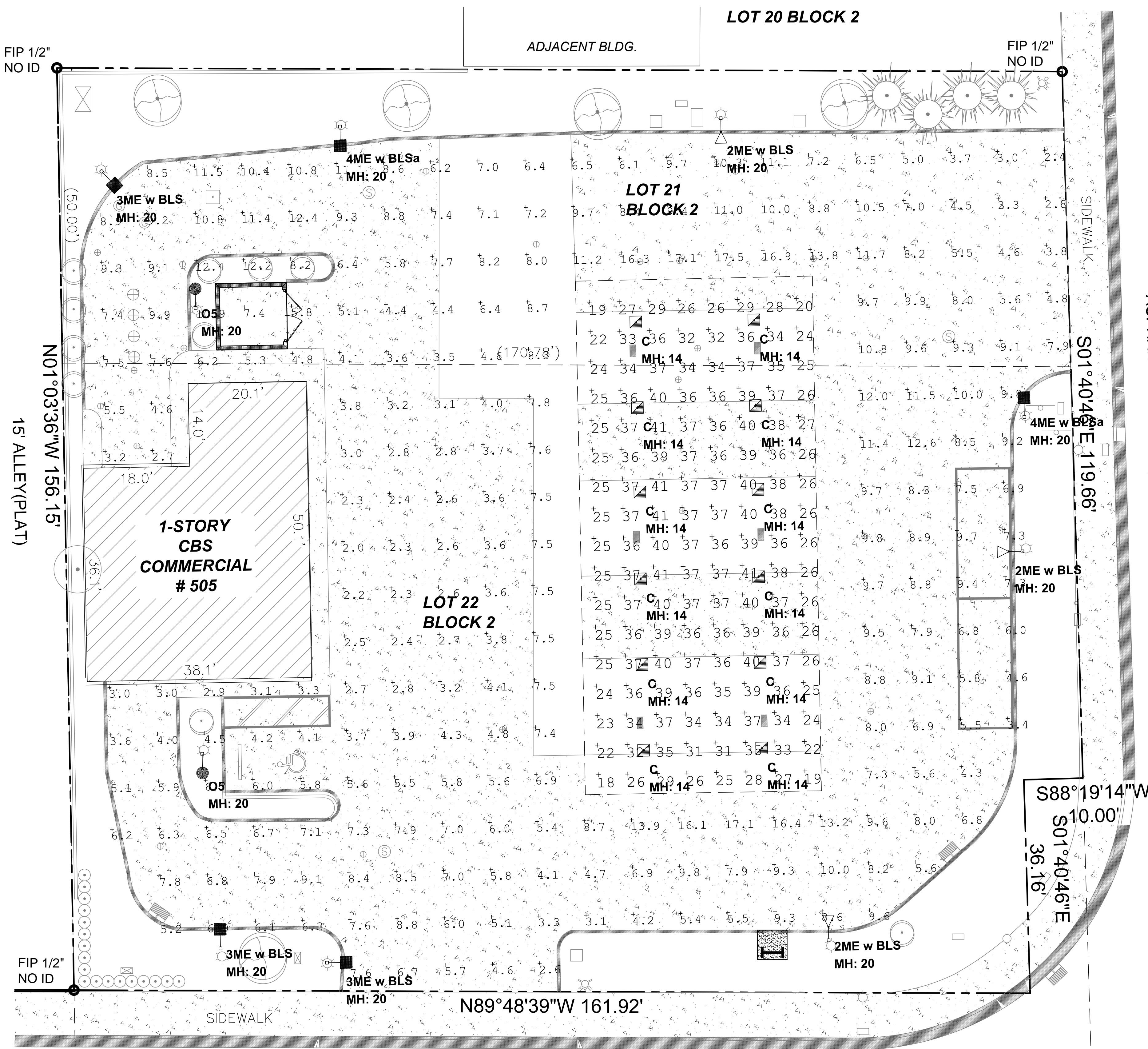
ADDRESS:

SPECIALTY:
LIC.

NAME:

DATE:

DESCRIPTION:



↑
PHOTOMETRIC SITE PLAN
SCALE: 1" = 10'-0"

Know what's below.
Call before you dig.

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens/Lamp	LLF	Total Watts
	12	C	SINGLE	13000	0.960	1464
	2	OS	SINGLE	15710	0.910	336
	3	3ME w BLS	SINGLE	14799	0.910	504
	3	2ME w BLS	SINGLE	14978	0.910	504
	2	4ME w BLSa	SINGLE	19394	0.910	446
Description						
CPY250-A-DM-F-B-UL-XX						
OSQ-A-NM-5ME-J-57K-XX-XX OSQ-XXXX (mounting)						
OSQ-A-NM-3ME-J-57K-XX-XX OSQ-XXXX (mounting)						
OSQ-A-NM-2ME-J-57K-XX-XX OSQ-XXXX (mounting)						
OSQ-A-NM-4ME-S-57K-XX-XX OSQ-XXXX (mounting)						

Footcandles calculated using predicted lumen values after 50K hours of operation					
Label	Avg	Max	Min	Avg/Min	Max/Min
Paved Area	7.04	17.5	2.0	3.52	8.75
Under Canopy	32.78	41	18	1.82	2.28

CPY250-A-DM-D / F-B

CPY Series LED Canopy / Soffit Luminaire - Direct Mount - Drop / Flat Lens - 122 Watts

Product Description

Slim, low profile, easy mounting from below the deck. Luminaire housing constructed of rugged cast aluminum with integral heat sink specifically designed for LED. Luminaire mounts directly to the canopy deck in a 2.0" (51mm) to 4.0" (102mm) round hole and is secured in place with self-sealing screws that provide water-tight seal. Suitable for use in single or double skin canopies with a minimum 4.0" (102mm) wide panels and a minimum 22 gauge, 0.030" (0.7mm) canopy thickness. Direct imaging of LEDs is eliminated with high efficiency patterned flat or 0.91" (23mm) drop glass lens.

Performance Summary

Made in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI

CCT: 5700K (+ / - 500K) Standard, 4000K (+ / - 300K)

Limited Warranty*: 10 years on luminaire / 10 years on Colorfast DeltaGuard® finish

Accessories

Field Installed Accessories	
XA-BXCCMW Upgrade Kit for use with Jet-Phillips canopy luminaires	XA-BXCCJBOX Junction Box / Stem Kit - 6.0" (152mm) H x 3/4" (19mm) NPT Stem
XA-BXCCNW Upgrade Kit for use with Elco Frandiscan canopy luminaires	XA-BXCCBPW Beauty Plate
XA-BXCCPW Upgrade Kit for use with LSI Dakota or Masters canopy luminaires	XA-BXCCBPB12W Beauty Plate w/ 12" (305mm) Backer
XA-BXCCQW Upgrade Kit for use with Whiteway Riviera or Riva-Lite canopy luminaires	XA-BXCCBPB16W Beauty Plate w/ 16" (406mm) Backer
XA-BXCCRW Upgrade Kit for use with Elco Merrit canopy luminaires	TPS-2 Tamper Resistant Driver Bit
XA-BXCCSW Upgrade Kit for use with LSI Richmond or Whiteway Civic canopy luminaires	XA-SENSREM Hand-Held Remote - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Don't Use Drop Lens

Drop Lens

Flat Lens

0.91" (23mm) Drop Lens

2.0" (50mm) Flat Glass Lens

Gasket to Seal up to 4.25" (108mm) Canopy Cutout

3/4" (19mm) NPT Conduit Entry

7.2" (183mm)

15.0" (382mm)

11.0" (279mm)

Mounts with (4) Supplied Self-Sealing Sheet Metal Screws

Click below to select Quick Ship products

QUICKSHIP

For full list of Cree Quick Ship products visit www.cree.com/lighting/quickship

Ordering Information

Example: CPY250-A-DM-D-B-UL-WH-OPTIONS

Product	Version	Mounting	Optic	Input Power Designator	Voltage	Color Options	Options
CPY250	A	DM	D	B	UL	WH	40K 4000K Color Temperature
		Direct	0.91" (23mm) Drop Lens F Flat Lens	122W	Universal 120-277V UH Universal 347-480V*	SV Silver BK Black BZ Bronze PB Platinum Bronze	- Color temperature per luminaire DIM 0-10V Dimming - Control by others - Refer to dimming spec sheet for details ML Multi-Level (100% / 30% Power) - Refer to ML spec sheet for details PML Programmable Multi-Level - Refer to PML spec sheet for details

* See www.cree.com/lighting/products/warranty for warranty terms.
* For input power for 347-480V, refer to the Lumen Output, Electrical, and Lumen Maintenance data table below.

Rev. Date: 01/23/14

CREE

CANOPY LIGHTS DETAIL

1

Additional Equipment:
(6) OSQ-BLSMF Field Installed Backlight Shield for OSQ Medium
(2) OSQ-BLSLF Field Installed Backlight Shield for OSQ Large

PROJECT NAME:
GAS STATION & CONVENIENCE STORE

OWNER:
TRUST NUMBER 445, STATE, B & S, STATE, CO. TRUSTEES

DATE:
10/16/2014

ADDRESS:
505 N. STATE ROAD 7
MARGATE, FL 33063

OWNER ADDRESS:
1901 BRICKELL AVE #B-1808
MIAMI, FL 33131

PROJECT NO.:
PH1.0

REVISIONS/ISSUES:

TELEPHONE:

ADDRESS:

SPECIALTY:

NAME:

DATE:

DA:

REV. PHOTOMETRIC READINGS & FEATURES PER CITY COMMENTS:

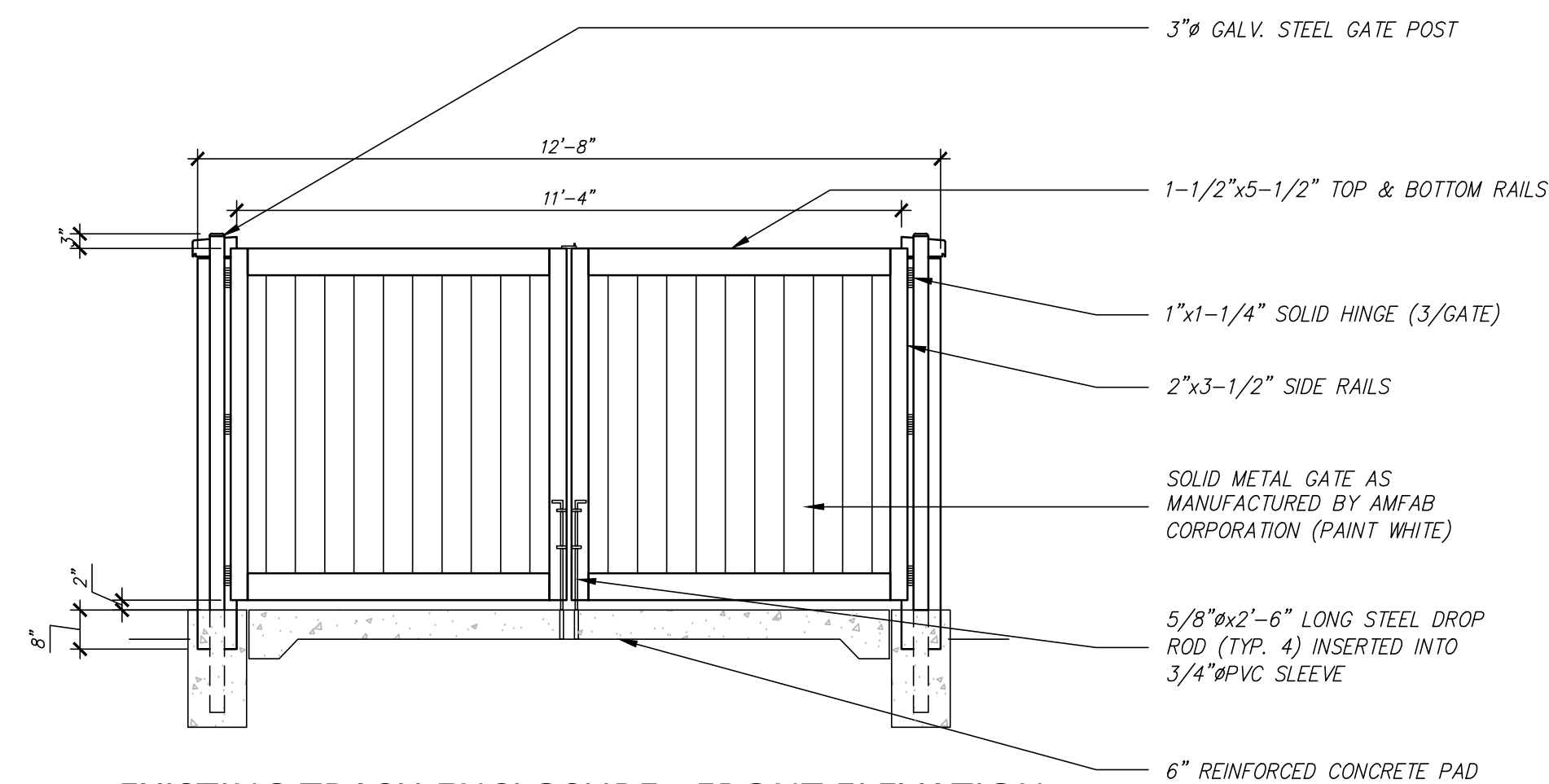
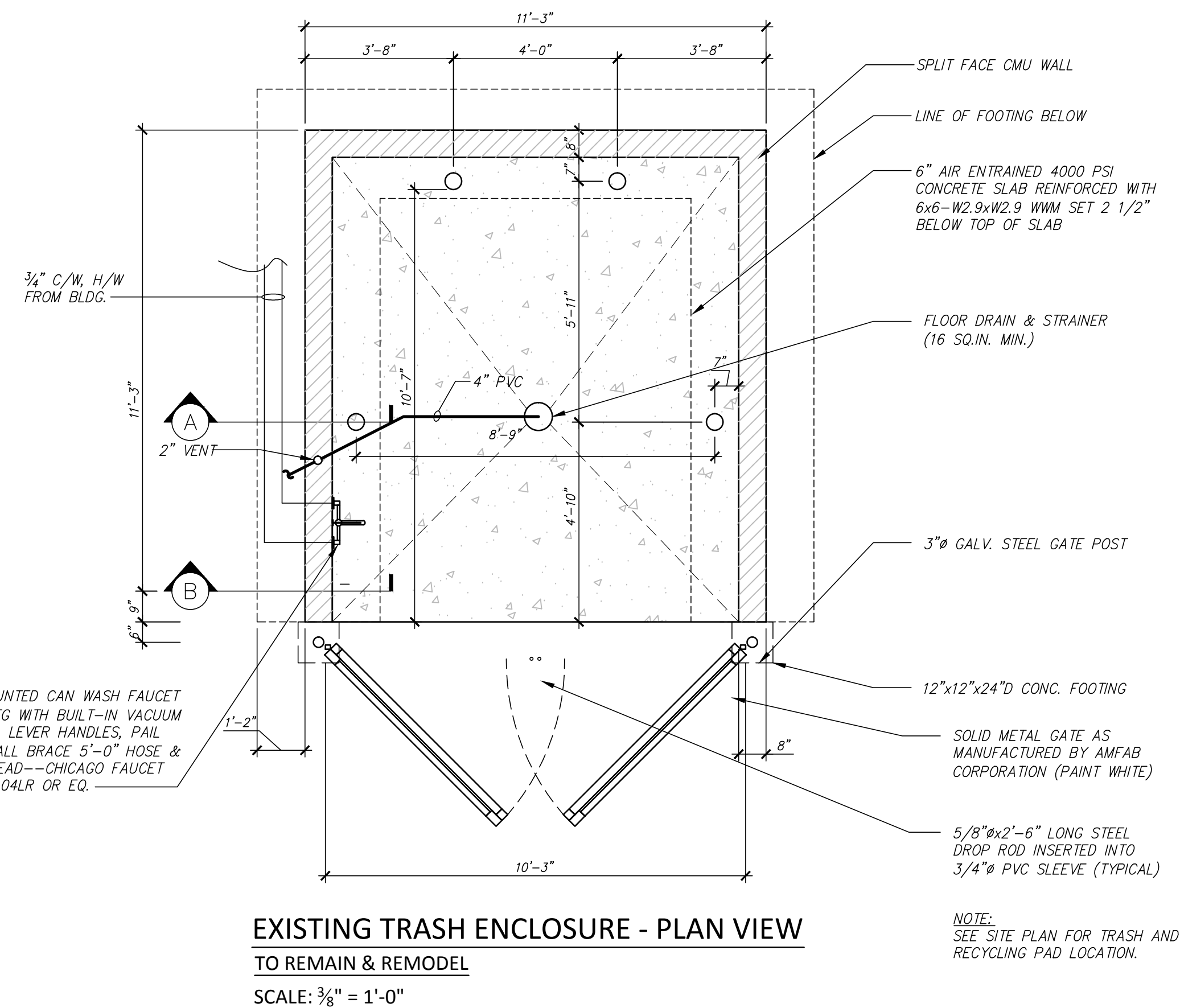
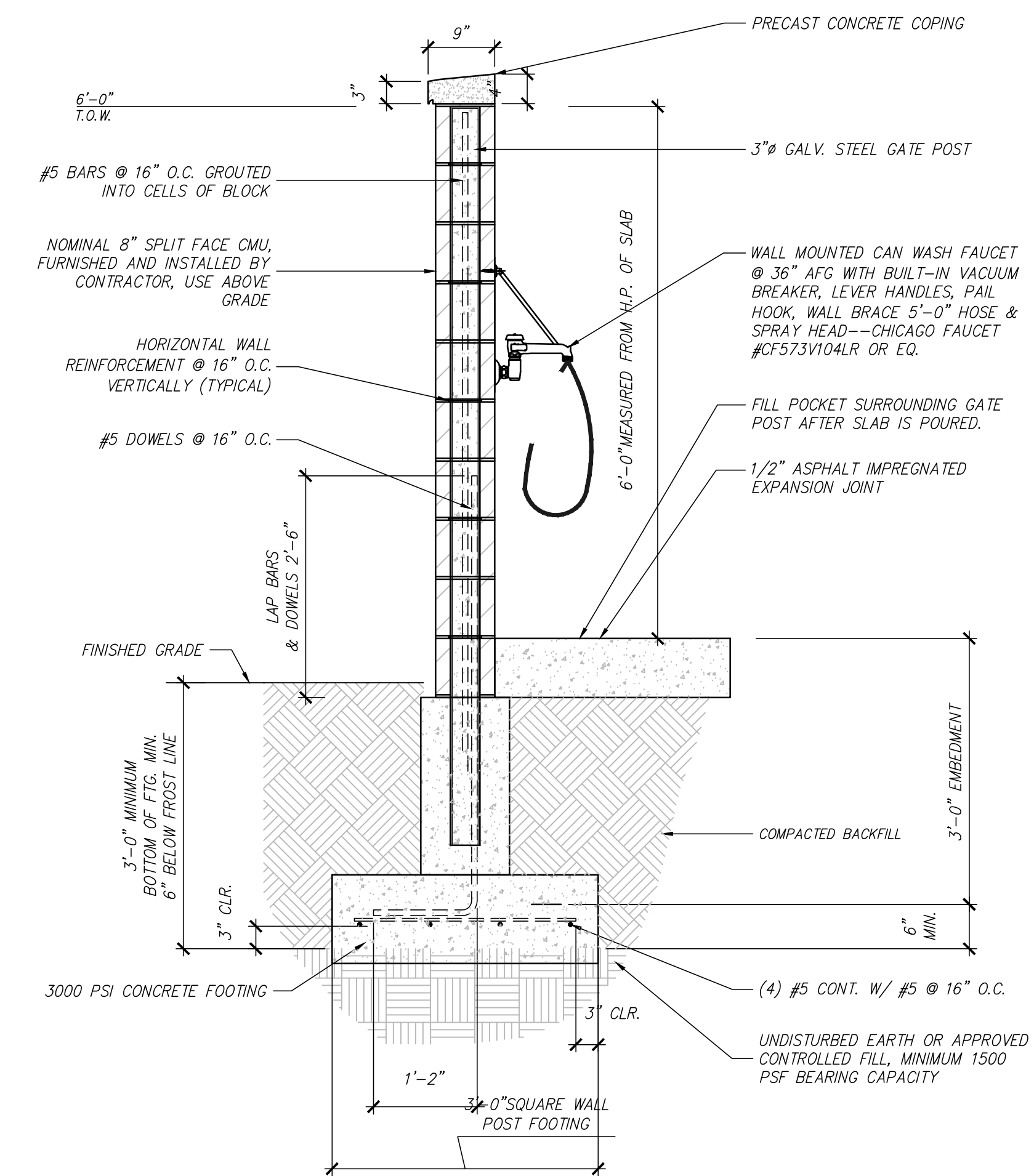
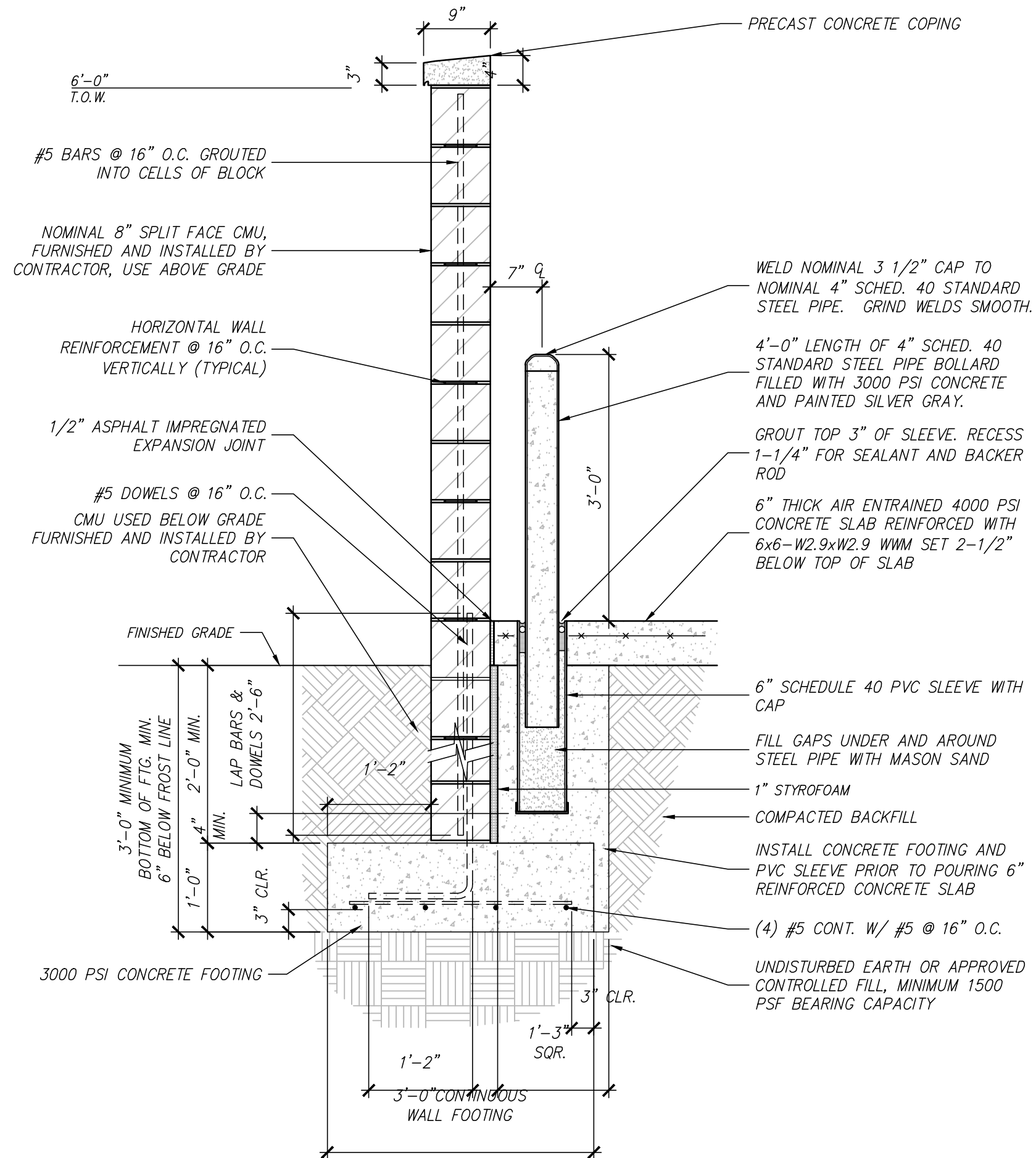
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GLOBAL ENGINEERING EXPERTS, LLC.

SCALE: (as shown)

LICENSE:

DRAYER: PIA



- GENERAL NOTES:**

1. FOR PAINTING REQUIREMENTS SEE MASTER SPECIFICATIONS.
2. CONTRACTOR SHALL SUPPLY AND INSTALL ALL MATERIALS UNLESS OTHERWISE NOTED.
3. WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY SPECIFICATION D1.0., LATEST EDITION, AND WELDER SHALL BE CERTIFIED IN ACCORDANCE WITH SAID CODE.
4. ALL STEEL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH CURRENT A.I.S.C. SPECIFICATIONS.
5. ALL WELDS AND SHARP EDGES SHALL BE GROUND SMOOTH. RADIUS ALL PROTRUDING CORNERS.
6. ALL SQUARE AND RECTANGULAR TUBING ASTM-36.
7. ALL FOUNDATION CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS AND A MAXIMUM AGGREGATE SIZE OF ¾".
8. FOR ACTUAL TRASH ENCLOSURE LOCATION SEE SITE PLAN AND INSTALL AS DIRECTED BY OWNER REPRESENTATIVE.