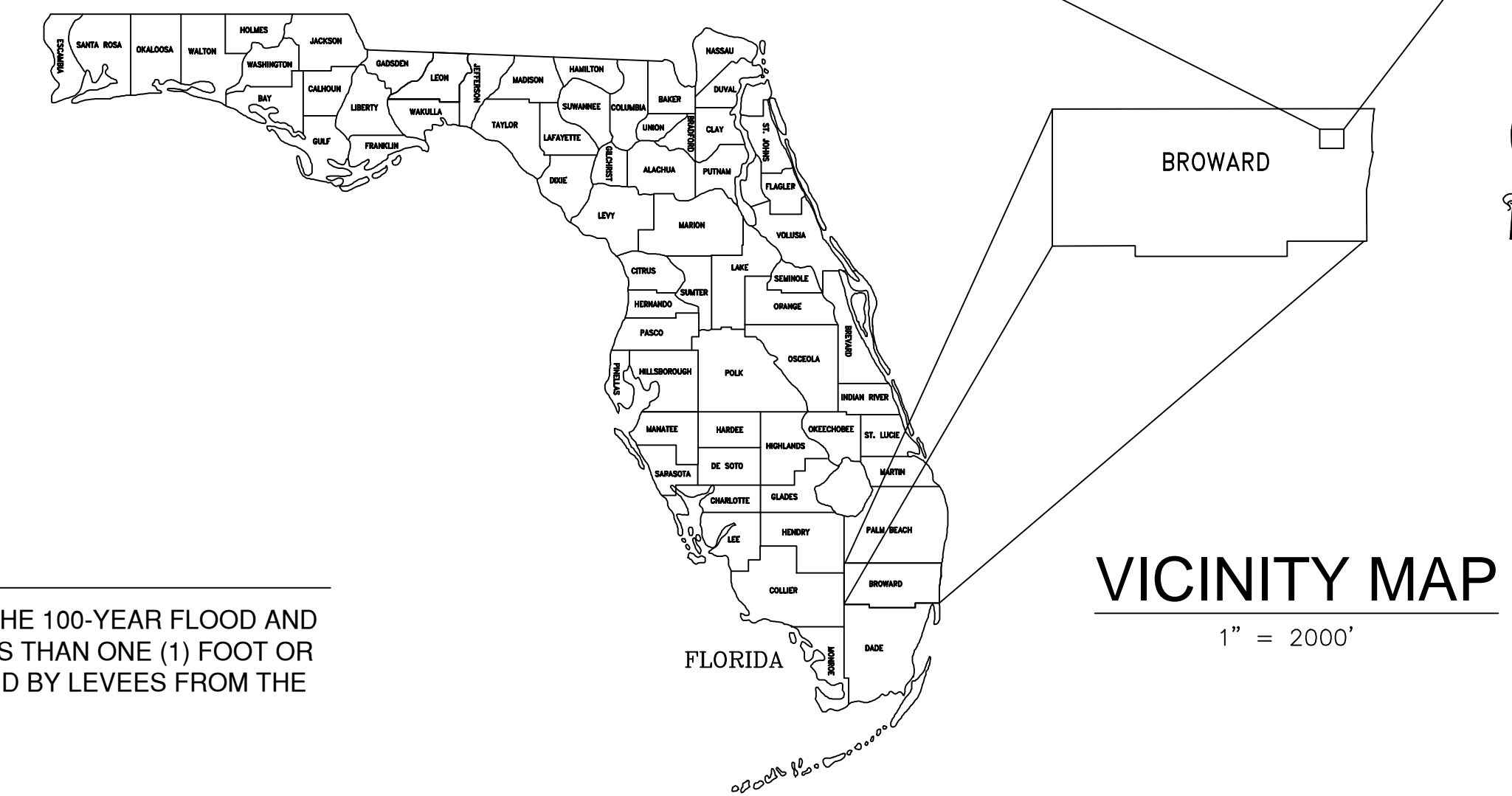
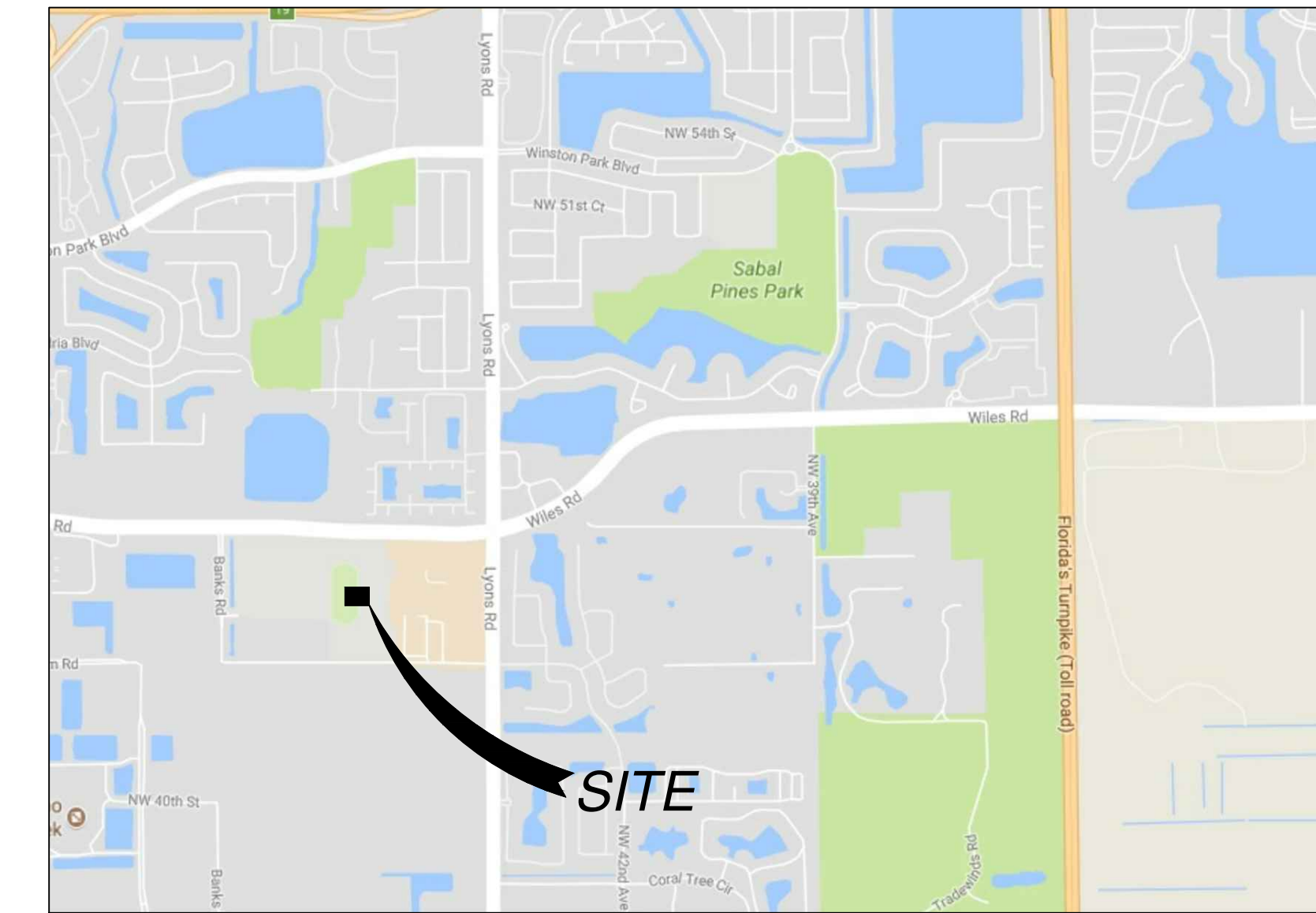


SITE DEVELOPMENT PLANS FOR COCONUT CREEK CHICK-FIL-A

STORE #03841

4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073
BROWARD COUNTY
SECTION 18, TOWNSHIP 48 S, RANGE 42 E



GENERAL NOTES

1. CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE APPROVED PLANS AND THE APPROPRIATE STANDARDS AND SPECIFICATIONS ALONG WITH A COPY OF ANY PERMITS AND AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
2. CONTRACTOR SHALL MEET OR EXCEED ALL SITE WORK SPECIFICATIONS AND APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS FOR ALL MATERIALS AND CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS IS ENCOUNTERED.
5. NO REVISION SHALL BE MADE TO THESE PLANS WITH OUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
7. ANY REFERENCE TO PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
8. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.

LEGAL DESCRIPTION

PROPOSED LEASE AREA (PREPARED BY SURVEYOR PER SITE PLAN)

A PARCEL OF LAND LYING WITHIN AND BEING A PORTION OF TRACT B, ALEXANDER-YOUNG PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 164, PAGE 10, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF TRACT B, SAID ALEXANDER-YOUNG PLAT, THENCE NORTH 89°37'35" EAST ALONG THE NORTH LINE OF SAID TRACT B, A DISTANCE OF 208.01 FEET; THENCE SOUTH 01°00'19" EAST A DISTANCE OF 235.01 FEET; THENCE SOUTH 89°37'35" WEST A DISTANCE OF 208.01 FEET TO THE WEST LINE OF SAID TRACT B; THENCE NORTH 01°00'19" WEST ALONG SAID WEST LINE A DISTANCE OF 235.01 FEET TO THE POINT OF BEGINNING.

CONTAINING +/- 48,883 SQUARE FEET OR 1.1222 ACRES MORE OR LESS.

TITLE COMMITMENT PARCELS

PARCEL 1

TRACTS A, A-1, B AND B-1, OF SPEAR PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 170, PAGE 82, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LESS AND EXCEPT THE FOLLOWING DESCRIBED PARCEL CONVEYED TO BROWARD COUNTY BY WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 42609, PAGE 1973, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA:

RIGHT OF WAY DEDICATION

A PORTION OF TRACT B-1, SPEAR PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 170, PAGE 82, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID TRACT B-1, SAID CORNER BEING ALONG THE ARC OF A CIRCULAR CURVE CONCAVE SOUTHERLY, FROM WHICH THE RADIUS POINT OF THE NEXT DESCRIBED CURVE BEARS SOUTH 08°06'29" WEST; THENCE WESTERLY ALONG THE SOUTH BOUNDARY OF SAID TRACT B-1 AND THE ARC OF SAID CURVE, HAVING A RADIUS OF 3455.00 FEET, THROUGH A CENTRAL ANGLE OF 00°11' 02", FOR AN ARC DISTANCE OF 11.09 FEET TO A POINT OF CURVE; THENCE EASTERLY AND NORTHEASTERLY ALONG THE ARC OF A CIRCULAR CURVE CONCAVE NORTHERLY, FROM WHICH THE RADIUS POINT BEARS NORTH 04°29' 22" EAST, SAID CURVE HAVING A RADIUS OF 18.42 FEET, THROUGH A CENTRAL ANGLE OF 35°34' 25", FOR AN ARC DISTANCE OF 11.44 FEET TO A POINT ON THE EAST BOUNDARY OF SAID TRACT B-1; THENCE SOUTH 00°24' 15" EAST ALONG SAID EAST BOUNDARY A DISTANCE OF 4.14 FEET TO THE POINT OF BEGINNING.

NOTE: THE BEARINGS SHOWN HEREON ARE BASED ON AN ASSUMED BEARING, THE EAST BOUNDARY OF SAID TRACT B-1 IS ASSUMED TO BEAR NORTH 00°24' 15" WEST.

PARCEL 2:

TRACT B, OF ALEXANDER - YOUNG PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 164, PAGE 10, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

FLOOD ZONE NOTE

THE LANDS BOUND BY THIS SURVEY ARE LOCATED IN FLOOD ZONE "X" (AREAS BETWEEN LIMITS OF THE 100-YEAR FLOOD AND 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS LESS THAN ONE (1) FOOT OR WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE; OR AREAS PROTECTED BY LEVEES FROM THE BASE FLOOD PER FLOOD INSURANCE RATE MAP NUMBER 12011C0165H, DATED AUGUST 18, 2014.

CONTACTS

OWNER
CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349

ENGINEER
BOWMAN CONSULTING GROUP
401 E. LAS OLAS BOULEVARD, SUITE 1400
FT. LAUDERDALE, FL 33301
BILL PFEFFER
954.712.7482

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)
DISTRICT 4
3400 WEST COMMERCIAL BOULEVARD
FORT LAUDERDALE, FL 33309
RAJENDRAN SHANMUGAM
954.777.4363

HEALTH DEPARTMENT
DEPT OF BUSINESS AND PROFESSIONAL REGULATIONS
DIVISION OF HOTELS AND RESTAURANTS
1940 NORTH MONROE STREET
TALLAHASSEE, FL 32399-1011
GREG KOEHLER
850.488.1133

WATER DISTRIBUTION
CITY OF COCONUT CREEK UTILITIES & ENGINEERING DEPARTMENT
5295 JOHNSON ROAD
COCONUT CREEK FL, 33073
EILEEN CABRERA
954.973.6786
ECABRERA@COCONUTCREEK.NET

SANITARY SEWER
CITY OF COCONUT CREEK UTILITIES & ENGINEERING DEPARTMENT
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EILEEN CABRERA
954.973.6786
ECABRERA@COCONUTCREEK.NET

STORM DRAINAGE
CITY OF COCONUT CREEK UTILITIES & ENGINEERING DEPARTMENT
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COCONUT CREEK FL, 33073
EILEEN CABRERA
954.973.6786
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STORM DRAINAGE
BROWARD COUNTY SURFACE WATER MANAGEMENT LICENSING SECTION
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PLANTATION FL, 33324
SUSAN JUNCOSA
NATURAL RESOURCES SPECIALIST
954.519.1232
SJUNCOSA@BROWARD.ORG

ELECTRIC
FLORIDA POWER & LIGHT COMPANY
9329 SOUTH MILITARY TRAIL
BOYNTON BEACH, FL 33436
CHARLES ARTHUS
561.742.2085

GAS SERVICE
TECO NATURAL GAS SERVICE
5101 NORTHWEST 21st AVENUE
460 FORT LAUDERDALE, FL 33309
DOUG HUFFMAN
954.931.9742
dhuffman@tecoenergy.com

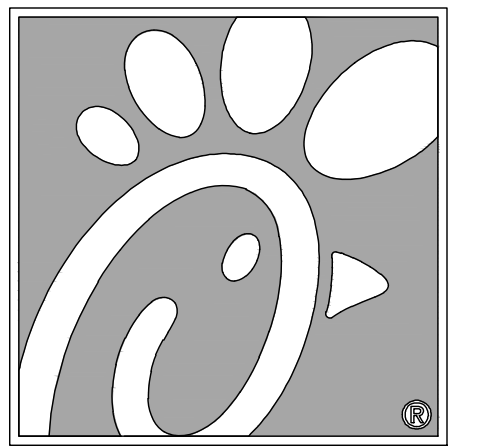
TELEPHONE/INTERNET
AT&T FLORIDA
8601 WEST SUNRISE BOULEVARD
PLANTATION FL, 33322
964.476.2936
hu083j@att.com

TRAFFIC ENGINEERING
DISTRICT 4
3400 WEST COMMERCIAL BOULEVARD
FORT LAUDERDALE, FL 33309
RAJENDRAN SHANMUGAM
954.777.4363

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SHEET PS-1.1	UTILITY DETAILS
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THE DOCUMENT, TOGETHER WITH THE CONDITIONS AND SPECIAL PROVISIONS HEREON, AS INSTRUMENTS OF SERVICE, IS HEREBY FILED FOR THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 218, F.S. THE DATE OF RECORDATION IS 10/22/2018. THE ENGINEER OF RECORD HAS REVIEWED THE DOCUMENT AND CERTIFIES THAT THE SAME COMPLY WITH THE REQUIREMENTS OF THE FLORIDA PROFESSIONAL ENGINEERING ACT AND THE FLORIDA PROFESSIONAL SURVEYING ACT. THE ENGINEER OF RECORD HAS REVIEWED THE DOCUMENT AND CERTIFIES THAT THE SAME COMPLY WITH THE REQUIREMENTS OF THE FLORIDA PROFESSIONAL ENGINEERING ACT AND THE FLORIDA PROFESSIONAL SURVEYING ACT. THE ENGINEER OF RECORD HAS REVIEWED THE DOCUMENT AND CERTIFIES THAT THE SAME COMPLY WITH THE REQUIREMENTS OF THE FLORIDA PROFESSIONAL ENGINEERING ACT AND THE FLORIDA PROFESSIONAL SURVEYING ACT.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998



Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/22/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRG COMMENTS

PERMIT REVIEW

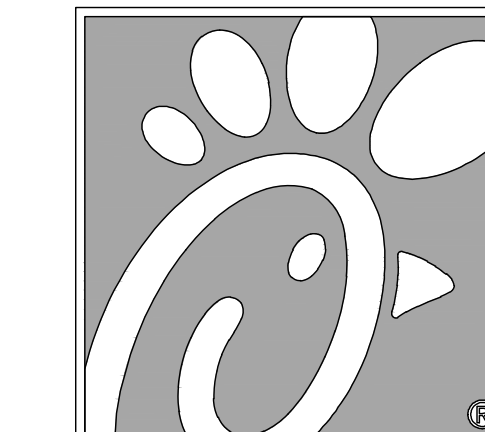
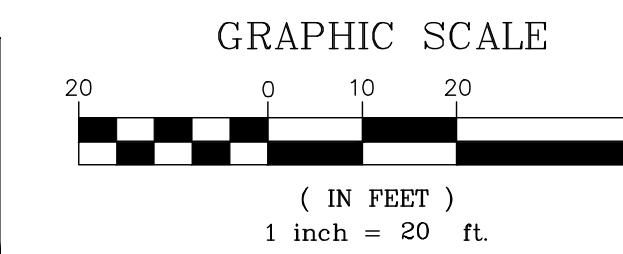
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NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/22/2018
DRAWN BY	RM

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SHEET COVER SHEET

SHEET NUMBER

C-1.0



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

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Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

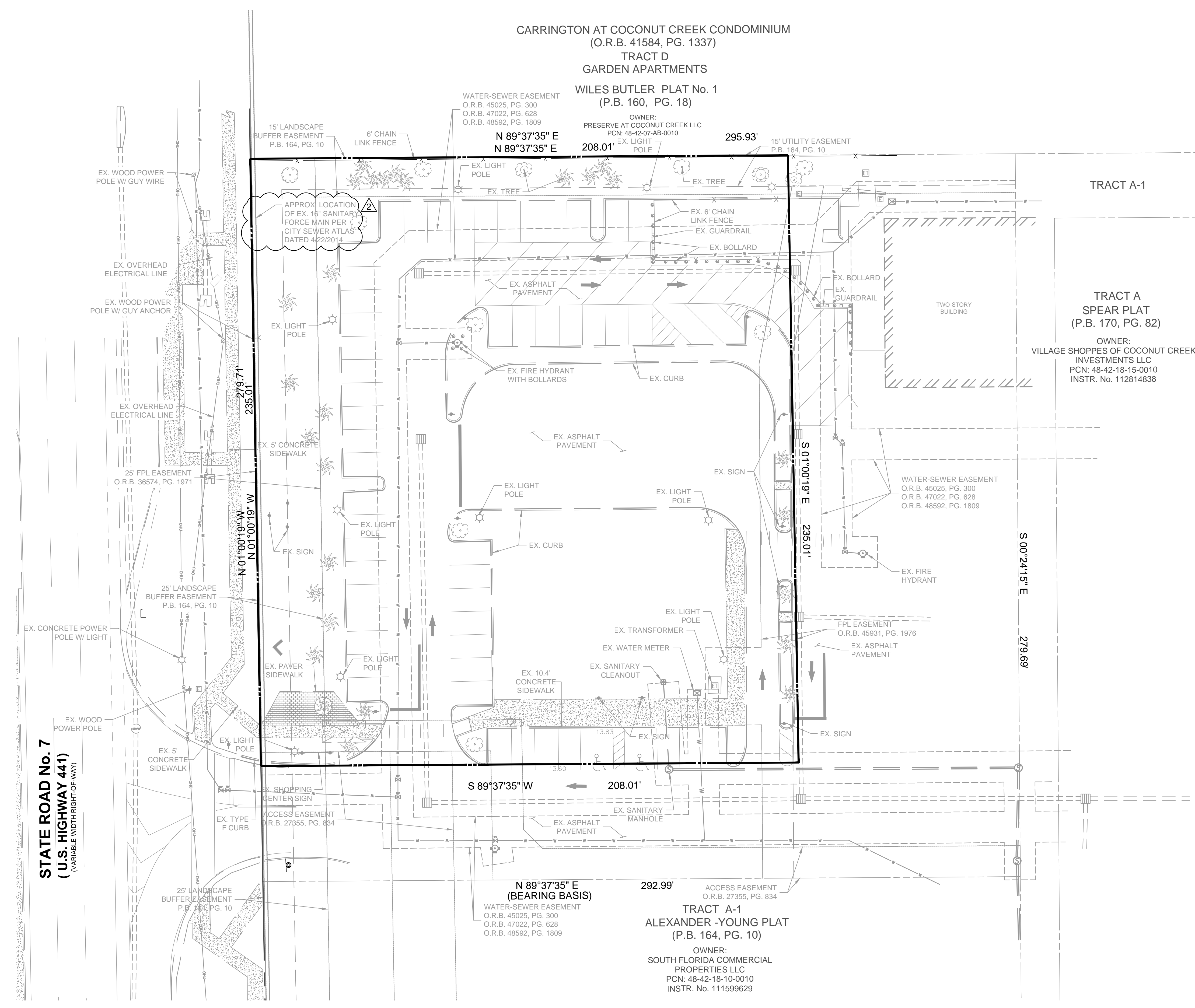
NO.	DATE	DESCRIPTION
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2	9/25/18	FOOT & DRG COMMENTS

REVISION SCHEDULE	DATE	DESCRIPTION
NO. DATE	2017-029	CURRENT DESIGN NOTE APPLIED
PROJECT #	010014-01-034	PROJECT #
PRINTED FOR	PERMIT REVIEW	PRINTED FOR
DATE	10/2/2018	DATE
DRAWN BY	RM	DRAWN BY

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SHEET EXISTING CONDITIONS PLAN

PERMIT REVIEW SHEET NUMBER **C-1.1**



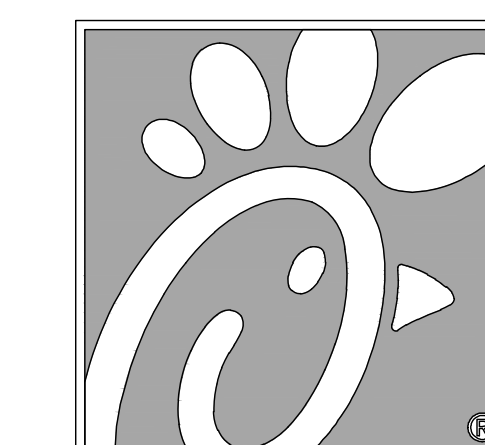
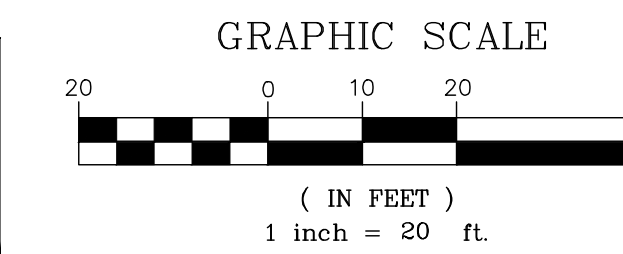
CARRINGTON AT COCONUT CREEK CONDOMINIUM
(O.R.B. 41584, PG. 1337)
TRACT D
GARDEN APARTMENTS
WILES BUTLER PLAT No. 1
(P.B. 160, PG. 18)

TRACT A-1
TRACT A
SPEAR PLAT
(P.B. 170, PG. 82)
OWNER:
VILLAGE SHOPPES OF COCONUT CREEK
INVESTMENTS LLC
PCN: 48-42-18-15-0010
INSTR. No. 112814838

TRACT A-1
ALEXANDER - YOUNG PLAT
(P.B. 164, PG. 10)
OWNER:
SOUTH FLORIDA COMMERCIAL
PROPERTIES LLC
PCN: 48-42-18-10-0010
INSTR. No. 111599629

STATE ROAD No. 7
(U.S. HIGHWAY 441)
(VARIABLE WIDTH RIGHT-OF-WAY)

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND DESIGN INSTRUMENTS HEREAFTER REFERRED TO AS AN INSTRUMENT OF SERVICE, IS INTENDED TO BE USED IN CONNECTION WITH THE PROJECT DESCRIBED HEREIN. ANY REVISIONS TO THIS DOCUMENT SHALL BE MADE BY THE ENGINEER OR ARCHITECT. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



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Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/2/2018

CHICK-FIL-A
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4670 N. STATE ROAD 7
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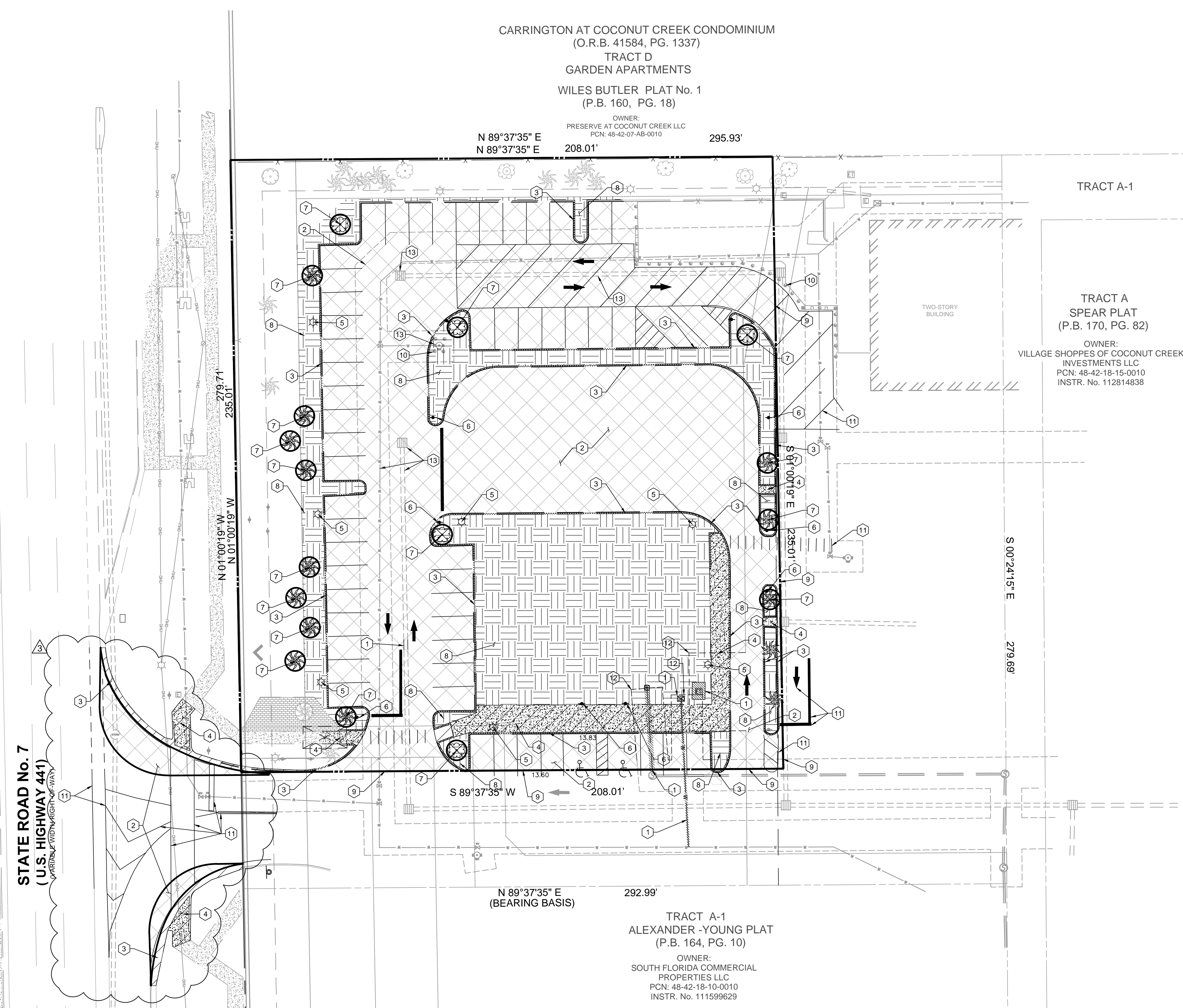
CURRENT DESIGN NOTE APPLIED	2017-029
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
DRAWN BY	RM

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SHEET DEMOLITION PLAN

SHEET NUMBER

C-1.2



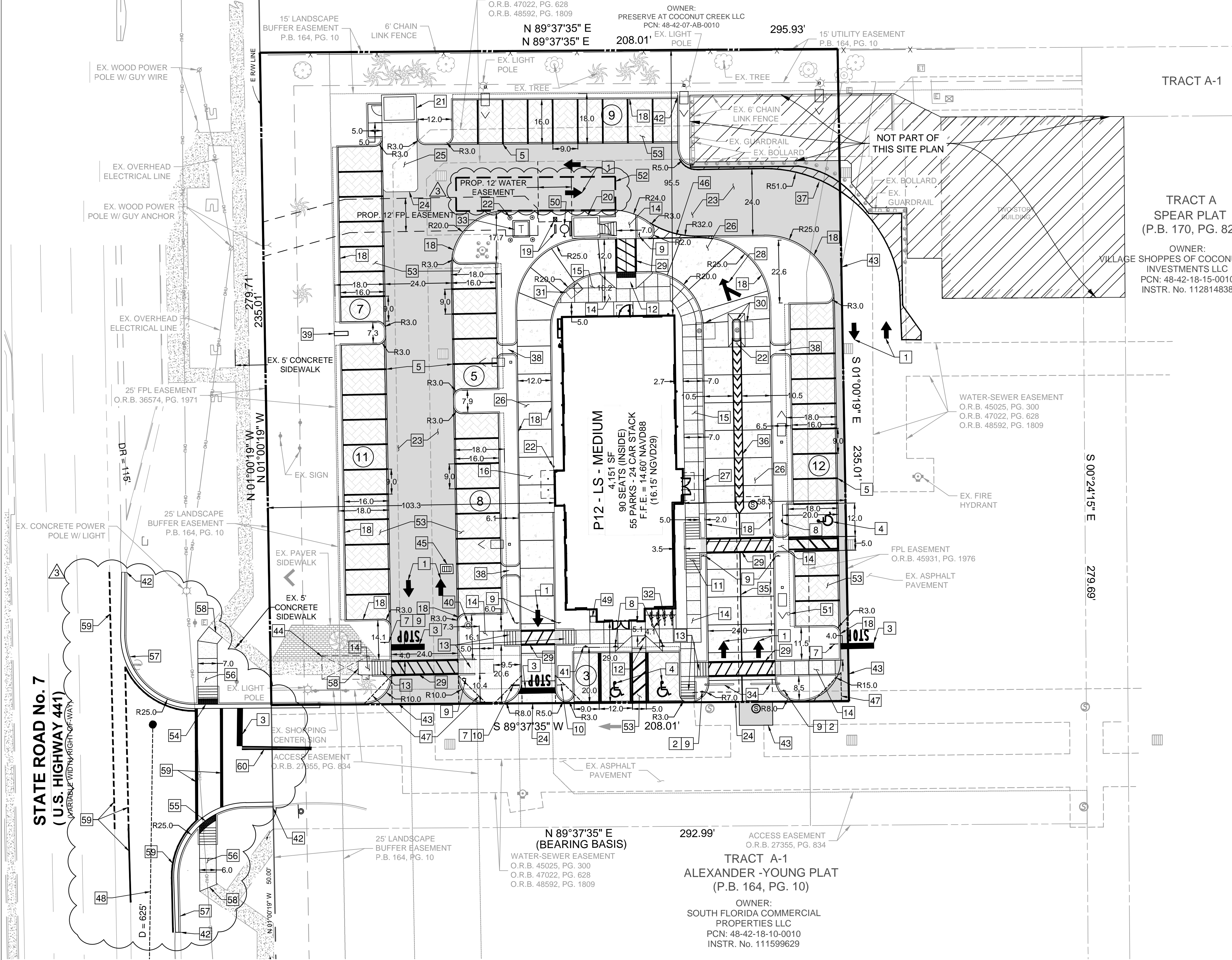
- KEY NOTE LEGEND**
- 1 UTILITIES TO BE REMOVED
 - 2 PAVEMENT TO BE REMOVED
 - 3 CURB TO BE REMOVED
 - 4 SIDEWALK TO BE REMOVED
 - 5 LIGHT POLES TO BE REMOVED
 - 6 SIGN TO BE REMOVED
 - 7 TREES TO BE REMOVED
 - 8 OPEN SPACE TO BE REMOVED
 - 9 SAWCUT EXISTING ASPHALT
 - 10 EXISTING BOLLARD TO REMAIN
 - 11 PAVEMENT MARKING TO BE REMOVED
 - 12 EASEMENT TO BE ABANDONED
 - 13 EXISTING UTILITIES TO REMAIN

- DEMOLITION LEGEND**
- [Hatched Box] = EXISTING CONCRETE OR STRUCTURE TO BE REMOVED
 - [Empty Box] = EXISTING OPEN SPACE TO BE REMOVED
 - [Cross-hatched Box] = EXISTING ASPHALT TO BE REMOVED
 - [Circle with X] = EXISTING TREE TO BE REMOVED

- GENERAL DEMOLITION NOTES**
- THE LOCATION OF THE UTILITIES SHOWN HAVE BEEN DETERMINED BY INFORMATION GATHERED AND SHALL NOT BE USED AS EXACT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO VERIFY EXACT LOCATIONS PRIOR TO DEMOLITION.
 - THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY COMPANIES FOR REMOVAL AND RELOCATIONS OF THE RESPECTIVE UTILITY. THE CONTRACTOR SHALL VERIFY ANY WORK THAT MAY BE DONE BY THE UTILITY COMPANIES.
 - CONTRACTOR SHALL PROTECT THE PUBLIC WITH BEST MANAGEMENT PRACTICES.
 - CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES, PAVEMENT, AND VEGETATION THAT IS NOT TO BE DISTURBED AND IS RESPONSIBLE FOR ANY DAMAGES TO THEM.
 - THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIALS RESULTING FROM OPERATION ACCORDING TO GOVERNING AUTHORITIES AND SHALL OBTAIN THE PROPER PERMITS REQUIRED FOR DISPOSAL AND DEMOLITION.
 - THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND AVOID ANY PROPERTY DAMAGE DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO DEMOLITION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICES TO ANY NECESSARY UTILITIES DURING CONSTRUCTION.
 - FOR ALL ITEMS NOTED TO BE REMOVED, REMOVE NOT ONLY THE ABOVE GROUND ELEMENTS, BUT ALSO REMOVE ALL UNDERGROUND ELEMENTS AS WELL INCLUDING, BUT NOT LIMITED TO, FOUNDATIONS, GRAVEL FILLS, TREE ROOTS, PIPES, TANKS, ETC.
 - BACKFILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK MEETING THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL INVESTIGATION REPORT FOR THIS SITE.
 - ASBESTOS AND ANY OTHER HAZARDOUS MATERIAL SHALL BE PROPERLY PERMITTED AND REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL SECURE ALL PERMITS FOR DEMOLITION AND REMOVAL OF MATERIALS FROM THE SITE.
 - LIMIT SAW CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE PLANS. ANY DAMAGE TO ANY SURROUNDING AREAS SHALL BE REPAIRED / REPLACED AT THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROTECT EXISTING ADJACENT STRUCTURES, PAVEMENT, UTILITIES, LANDSCAPE, ETC. FROM DAMAGE DURING CONSTRUCTION.
 - CONTRACTOR SHALL ENSURE THAT SERVICES TO ALL UTILITIES TO BE REMOVED HAS BEEN DISCONTINUED AND SHUT OFF. ALL UTILITY LINES SHALL BE CAPPED PER UTILITY COMPANY STANDARDS.
 - EXISTING PERIMETER TREES & LANDSCAPING TO REMAIN WHEREVER POSSIBLE.

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND DESIGN PRELIMINARY MATERIALS, IS INTENDED TO BE USED AS AN INSTRUMENT OF SERVICE. IT IS HEREBY CERTIFIED THAT THE DESIGNER HAS REVIEWED THE DESIGN AND FOUND IT TO BE IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS AND CONDITIONS OF THE CONTRACT. THE DESIGNER SHALL BE RESPONSIBLE TO THE CLIENT FOR THE DESIGN AND SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES TO THE CLIENT OR TO ANY OTHER PARTY. THE DESIGNER SHALL BE RESPONSIBLE TO THE CLIENT FOR THE DESIGN AND SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES TO THE CLIENT OR TO ANY OTHER PARTY.

CARRINGTON AT COCONUT CREEK CONDOMINIUM
(O.R.B. 41584, PG. 1337)
TRACT D
GARDEN APARTMENTS
WILES BUTLER PLAT No. 1
(P.B. 160, PG. 18)



NOTES:

THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION DURING CONSTRUCTION. RELOCATION OF UTILITIES SHALL BE COORDINATED WITH UTILITY COMPANIES AFTER IDENTIFICATION OF CONFLICT BY CONTRACTOR. CONTRACTOR WILL NOTIFY ENGINEER IN ADVANCE BEFORE ANY RELOCATION.

LIMEROCK BASE SHALL BE A MINIMUM OF 12" AND COMPACTED IN 6" LIFTS TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-T160. CONSTRUCTION TO CONFORM TO SECTION 200. BASE TO BE PRIMED AFTER COMPACTION.

STABILIZED SUBGRADE - MINIMUM 12" THICK AND COMPACTED TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-T160. MATERIAL TO HAVE MINIMUM L.B.R. OF 40 AND CONFORM TO SECTION 160.

REMOVE ALL MUCK, OVERBURDEN, AND ROOT MATERIAL TO THE RIGHT-OF-WAY LINE, AND BACKFILL TO THE REQUIRED SUBGRADE WITH CLEAN, GRANULAR MATERIAL IN MAXIMUM 6" LIFTS COMPACTED TO 100% OF MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T99-C SPECIFICATIONS, AND EACH LIFT TESTED BEFORE PLACING NEXT LIFT.

ALL CURB CUT RAMPS MUST FACE IN THE DIRECTION OF PEDESTRIAN TRAVEL.

SPECIFY THE ALPHANUMERIC IDENTIFICATION FOR THE CURB CUT RAMPS PER STANDARD INDEX 304. A COPY OF THE APPROPRIATE DETAIL(S) MUST BE SHOWN ON THE PLANS.

ALL ELEVATIONS SHOWN ARE NAVD 88.

CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES. UTILITY LOCATIONS SHOWN ARE APPROXIMATES.

FINISH FLOOR ELEVATIONS SHALL BE SET EITHER ONE (1) FOOT ABOVE, OR FLOOR PROTECTED UP TO ONE (1) FOOT ABOVE THE AFFECTIVE FEMA FLOOD ELEVATION.

ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

GREEN STANDARDS	DESCRIPTION
13-320(b)(1)	LEED Accredited Professional
Sustainable Site Development	The contractor will have adequate erosion control measures during construction.
Construction Pollution Prevention	There are several sub-contractors that will work on the site from demolition to store opening. Once a firm is selected, Chick Fil A will request that all appropriate construction debris be diverted from landfills when feasible.
Stormwater management	The site will have pedestrian connectivity to the sidewalk along State Road 7, and is providing interconnectivity within the site for pedestrian circulation. Further, Chick-Fil-A is working with FDOT and Broward County to look at potential upgrades to the driveway entrance area to make it safer for pedestrians. Blue rocks are being proposed on the Chick-Fil-A site, as well as a charging station for electric vehicles. Further, there is a bus stop abutting our site on State Road 7 that will complement multimodal access options to the site.
Alternative transportation	To mitigate the problem of heat stress, Chick-Fil-A is providing approximately 20 percent of open space on the site, as well as installing high albedo roofs and expanding the use of concrete on the sidewalks and porous pavements in the parking spaces. Chick Fil A is only leaving the asphalt for the drive aisle areas. The Chick-Fil-A is also providing extensive, diverse plantings around the site (over 50 percent of the plantings are native, including trees and shrubbery). These measures are far more effective in reflecting up to 50% more light and lowering the temperature. The restaurant will have Low-E, insulated high performance glazing to reduce solar heat gain as well inside the building and the pressure-demand on the air conditioning system.
Water Efficiency	Chick-Fil-A has reduced its indoor water use by 45% through the installation of efficient fixtures, incl. water heaters, and process equipment. The site also has more than 50 percent native plantings, including drought-resistant species to lower outdoor water usage volumes.
Energy Efficiency	The Chick-Fil-A building systems are commissioned for effectiveness prior to building turnover. This store will operate with specified Energy Star equipment and LED interior fixtures and will have commissioning reports for energy and building skin performance.
On-site renewable energy	The Chick-Fil-A store will have an on-site, electric vehicle charging station within its parking area.
Indoor Environmental Quality	Chick-Fil-A uses low emitting VOC flooring and paint materials, and prioritizes the use of materials with recycled content. The store will also have controls for lighting and thermal comfort in administrative spaces to enhance productivity, and has been designed with enhanced daylighting through increased fenestration.
Materials and Recycling	There are several sub-contractors that will work on the site from demolition to store opening. Once a firm is selected, Chick Fil A will request that all appropriate construction debris be diverted from landfills when feasible. The store will have on-site recycling post occupancy.

Building re-use	DESCRIPTION
Regional materials	Chick-Fil-A will have a 10% minimum (by cost) of regionally sourced building materials and a minimum of 50% certified FSC-accredited wood.
Acknowledgement to maintain the green building components for the life of the building.	The store operator, once selected, will be maintaining the green initiatives that were planned during the site design process. Moreover, she will have the opportunity to come up with additional green initiatives on her/his own that are specific to the store (i.e. posters, community engagement).
GREEN PLAN ACTION ITEMS	DESCRIPTION
Action 1.6 - Ensure 100% of new development projects throughout the City contain conspicuous displays of green technology that function in the project design while providing a social, artistic, and environmental value.	Chick-Fil-A also designed its site based on the requirements from the Wildlife Federation, and obtained certification to provide habitat for native species on the site.
Action 2.1 - Achieve 40% tree canopy coverage throughout the City with maximum tree coverage on public and private land by 2020.	Chick-Fil-A is planting a diverse range of trees, shrubbery and groundcover on the site. 55.6% of trees are native, and 59.7% of shrubs and groundcover is native, without counting the sod on the site. Trees found in good condition are being relocated where possible, instead of removed. Further, 2,350 SF of canopy is being provided to mitigate for the 1,037 SF removed.
Action 2.2 - Achieve 40% greener cover for new construction in MainStreet Project Area and 10% greener cover for new construction for areas outside of MainStreet. (i.e. high albedo paint on roof)	The CFA building does have high albedo roofs, enhanced fenestration and other heat island reduction elements (concrete instead of asphalt, which has lighter color and much better heat absorption, and porous pavers in the parking space areas).
Action 5.1 - Increase recycling throughout the City by 25% by 2014 and 50% by 2020.	There will be on-site recycling and Chick-Fil-A has incorporated recycled plastic into their uniforms for team members.
Action 5.3 - Require all construction and demolition debris to divert 75% of waste from landfills.	Chick-Fil-A will select a contractor and request that all appropriate construction debris be diverted from landfills when feasible.
Action 6.2 - Bicycle parking on site	Bike parking is available on site.
Action 6.4 - Alternative vehicle parking	Electric vehicle charging station is being proposed on site.

SITE CALCULATIONS			
AREA	SF	ACRES	%
TOTAL SITE AREA*	48,883 SF	(1.12 A.C.)	(100%)
OPEN SPACE AREA	13,967 SF	(0.32 A.C.)	(28.6%)
BUILDING AREA	4,151 SF	(0.09 A.C.)	(8.5%)
PAVEMENT/SIDEWALK AREA	30,765 SF	(0.71 A.C.)	(62.9%)
TOTAL IMPERVIOUS AREA	34,916 SF	(0.80 A.C.)	(71.4%)

EXISTING SITE			
AREA	SF	ACRES	%
TOTAL SITE AREA*	47,669 SF	(1.09 A.C.)	(100%)
OPEN SPACE AREA	13,861 SF	(0.32 A.C.)	(29.1%)
BUILDING AREA	4,565 SF	(0.10 A.C.)	(9.6%)
PAVEMENT/SIDEWALK AREA	29,243 SF	(0.67 A.C.)	(61.3%)
TOTAL IMPERVIOUS AREA	33,808 SF	(0.77 A.C.)	(70.9%)

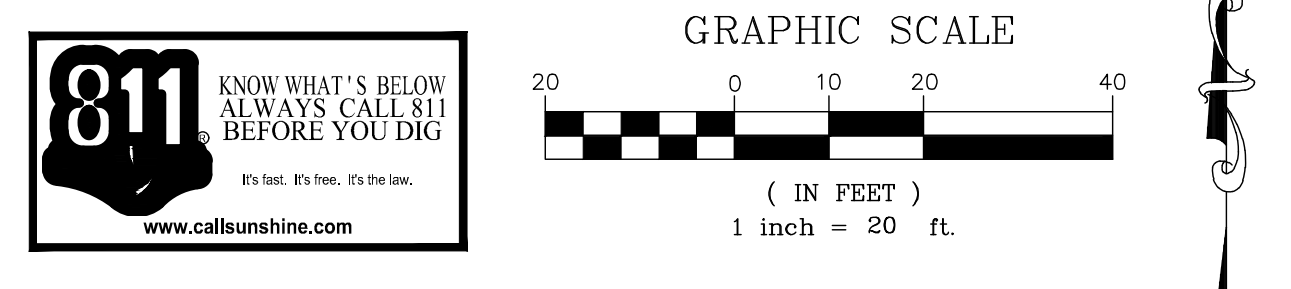
* TOTAL SITE AREA EXCLUDES PLAYGROUND AREA PER COMMENT #38 OF DRC REVIEW #1

PARKING CALCULATIONS			
USE	AREA	RATIO	REQUIRED SPACES
EMPLOYEE AREA	2,139 SF	1/235 SF BUILDING AREA	9
PATRON AREA	2,012 SF		9
TOTAL PARKING REQUIRED (4,151 SF BUILDING)			18
TOTAL PARKING PROVIDED			55
DRIVE THRU STACKING			24 SPACES

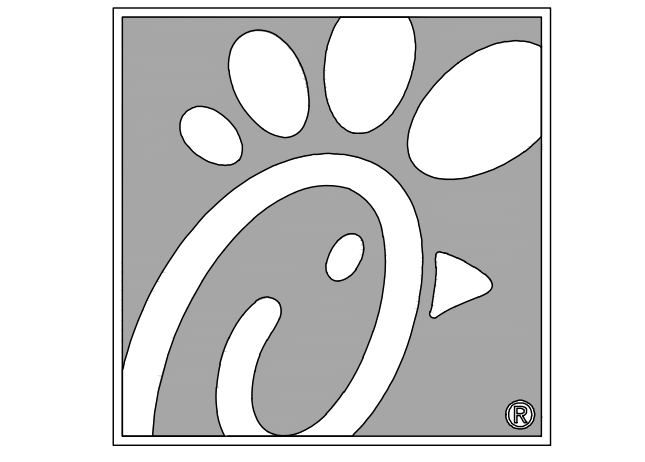
SITE SUMMARY	
ZONING	PCD - PLANNED COMMERCE DISTRICT
FLU	COMMERCIAL & EMPLOYMENT CENTER
USE	RESTAURANT W/DRIVE THRU
TYPE OF CONSTRUCTION	COMMERCIAL
LOT	
SIZE	1.12 ACRES
BUILDING	
SIZE	4,151 SF
HEIGHT	25'-0" ± 1-story
PARKING	
STALL SIZE	9' x 18' (90')
STANDARD SPACES	52
HANDICAP SPACES	3
BIKE SPACES	5

BUILDING SETBACKS		
SETBACKS	REQUIRED	PROVIDED
FRONT (WEST)	50'	103.3'
LEFT SIDE (NORTH)	40'	95.5'
RIGHT SIDE (SOUTH)	30'	29.0'
REAR (EAST)	30'	58.3'

- SITE NOTES**
- CONST. DIRECTIONAL ARROW (TYP.)
 - CONST. DRIVE-THRU SIGNS (SEE SIGNAGE PLANS FOR DETAILS)
 - CONST. STOP LINE GRAPHIC
 - CONST. PAINTED ACCESSIBILITY SYMBOL
 - CONST. STANDARD PARKING STALL
 - CONST. DIRECTIONAL SIGNAGE
 - CONST. STOP SIGN & STANDARD MOUNTING POST
 - CONST. ACCESSIBILITY PARKING SIGN
 - CONST. PEDESTRIAN CROSSWALK SIGN
 - CONST. DO NOT ENTER SIGN
 - CONST. SIDEWALK ACCESSIBLE RAMP W/ TRUNCATED DOMES
 - CONST. CURB RAMP W/ FLARED SIDES & TRUNCATED DOMES
 - CONST. RETURNED CURB ACCESSIBLE RAMP W/ TRUNCATED DOMES
 - CONST. TYPICAL CONCRETE SIDEWALK
 - CONST. SIDEWALK W TYPE D CURB
 - CONST. DRIVE-THRU
 - CONST. LANDSCAPE & IRRIGATION PROTECTOR
 - CONST. TYPE D CURB
 - CONST. WATER METER WITH BACKFLOW PREVENTER
 - CONST. DETACHED STORAGE SHED
 - CONST. REFUSE ENCLOSURE
 - CONST. CONCRETE BOLLARD
 - CONST. ASPHALT PAVEMENT
 - CONST. PAVEMENT EDGE
 - CONST. CONCRETE APRON AT REFUSE ENCLOSURE
 - CONST. CONCRETE PAVING DRIVE-THRU LANE
 - CONST. ALUMINUM HANDRAIL
 - CONST. MULTI-LANE DIRECTIONAL GRAPHICS
 - CONST. CROSSWALK STRIPING
 - CONST. ORDER BOARDS WITH ISLAND CURB
 - CASH STATION
 - CONST. BIKE RACK
 - TRANSFORMER (TO BE CONSTRUCTED BY OTHERS)
 - CONST. 9" CLEARANCE BAR AT START OF DRIVE THRU TO ALERT VEHICLES OF MAXIMUM HEIGHT TO PASS UNDER THE ORDER BOARD CANOPY
 - CONST. SOLID 4" YELLOW STRIPING
 - CONST. SOLID 4" YELLOW STRIPING ON ENDS W/ 4" WIDE STRIPES @ 3' O.C., YELLOW REFLECTIVE PAINT WITH ANTI-SLIP ADHESIVE
 - CONST. SOLID 4" YELLOW STRIPING ON ENDS W/ 4" WIDE STRIPES @ 3' O.C.
 - CONST. CONCRETE FLUME
 - CONST. OUTPARCEL SIGN
 - CONST. 25' FLAG POLE
 - CONST. CATERING & CARRY OUT PARKING STALL W/ SIGN
 - CONNECT TO EXISTING CURB
 - CONNECT TO EXISTING EDGE OF PAVEMENT
 - RELOCATED EXISTING PERGOLA
 - CONST. TYPE C INLET
 - DRIVE THRU FIRE EXIT
 - 10' SIGHT TRIANGLE
 - FDOT SIGHT TRIANGLE
 - TRASH RECEPTACLE
 - IRRIGATION WELL
 - PARKING STALL WITH ELECTRIC VEHICLE CHARGING STATIONS (CHARGING STATION IS TO BE CONSTRUCTED BY CHICK-FIL-A)
 - 12' x 5' LOADING AREA
 - CONST. PERVIOUS PAVERS WITH HEADER CURB
 - CONST. FDOT CURB RAMP CR-E WITH TRUNCATED DOMES PER FDOT STANDARD PLANS INDEX 522-002
 - CONST. FDOT CURB RAMP CR-F WITH TRUNCATED DOMES PER FDOT STANDARD PLANS INDEX 522-002
 - CONST. CONCRETE SIDEWALK PER FDOT STANDARD PLANS INDEX 522-001
 - CONST. TYPE F CONCRETE CURB PER FDOT STANDARD PLANS INDEX 520-001
 - CONNECT TO EXISTING SIDEWALK
 - CONST. PAVEMENT MARKINGS PER FDOT STANDARD PLANS INDEX 711-001
 - CONST. 25 LF OF 6" SOLID DOUBLE WHITE PAVEMENT MARKING



LEGEND	
PROPOSED ASPHALT DRIVE	EXISTING CONCRETE
PROPOSED CONC. SIDEWALK	EXISTING DRAINAGE STRUCTURE
PROPOSED CONC. DRIVE	EXISTING HYDRANT
PROPOSED DUMPSTER PAD	EXISTING WATER VALVE
SETBACK/BUFFER LINE	EXISTING GRADE
PROPOSED PROPERTY LINE	EXISTING DRAINAGE PIPE
PROPOSED TYPE 'D' CURB	EXISTING SEWER MANHOLE
PROPOSED LIGHT POLE	EXISTING STORM MANHOLE



5200 Buffington Rd.
Atlanta Georgia,
30349-2998



Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

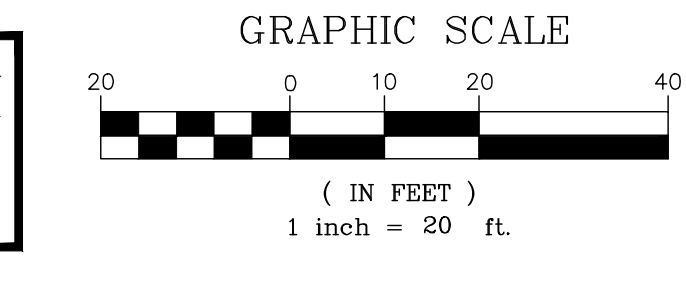
FSR# 03841

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FDOT & DRC COMMENTS

CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
DRAWN BY	RM

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SHEET
SITE PLAN



5200 Buffington Rd.
Atlanta Georgia,
30349-2998



William P. Pfeiffer, P.E.
License No. 73058
10/2/2018

LEGEND	
PROPOSED ASPHALT DRIVE	EXISTING CONCRETE
PROPOSED CONC. SIDEWALK	EXISTING DRAINAGE STRUCTURE
PROPOSED CONC. DRIVE	EXISTING HYDRANT
PROPOSED DUMPSTER PAD	EXISTING WATER VALVE
SETBACK/BUFFER LINE	EXISTING GRADE
PROPOSED PROPERTY LINE	EXISTING DRAINAGE PIPE
PROPOSED TYPE 'D' CURB	EXISTING SEWER MANHOLE
PROPOSED DRAINAGE ARROW	EXISTING STORM MANHOLE
PROPOSED SPOT ELEVATION	
PROPOSED CURB ELEVATION	
PROPOSED HIGH POINT	
PROPOSED LOW POINT	
MEET EXISTING GRADE	
PROPOSED LIGHT POLE	

PAVING AND GRADING NOTES

- THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION DURING CONSTRUCTION. RELOCATION OF UTILITIES SHALL BE COORDINATED WITH UTILITY COMPANIES AFTER IDENTIFICATION OF CONFLICT BY CONTRACTOR. CONTRACTOR WILL NOTIFY ENGINEER IN ADVANCE BEFORE ANY RELOCATION.
- LIMEROCK BASE SHALL BE A MINIMUM OF 12" AND COMPACTED IN 6" LIFTS TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-T99. CONSTRUCTION TO CONFORM TO SECTION 209. BASE TO BE PRIMED AFTER COMPACTION.
- STABILIZED SUBGRADE - MINIMUM 12" THICK AND COMPACTED TO 98% MAXIMUM DENSITY ACCORDING TO AASHTO-190. MATERIAL TO HAVE MINIMUM L.B.R. OF 40 AND CONFORM TO SECTION 160.
- REMOVE ALL MUCK, OVERBURDEN, AND ROOT MATERIAL TO THE RIGHT-OF-WAY LINE, AND BACKFILL TO THE REQUIRED SUBGRADE WITH CLEAN, GRANULAR MATERIAL IN MAXIMUM 6" LIFTS COMPACTED TO 100% OF MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T99-C SPECIFICATIONS, AND EACH LIFT TESTED BEFORE PLACING NEXT LIFT.
- THE ELEVATIONS SHOWN HEREON REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND ARE BASED UPON THE FOLLOWING BENCHMARKS AS PUBLISHED BY FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT NETWORK CONTROL FINANCIAL PROJECT ID 427937-1-52-01 FOR STATE ROAD 7 IN BROWARD COUNTY.
 - 'C'40' F.D.O.T. BRASS DISC IN CONCRETE STAMPED '7 86 07 C10' EL. = 14.44' (NAVD88)
 - '8M'12' F.D.O.T. BRASS DISC IN CONCRETE STAMPED '7 86 07 B12' EL. = 14.44' (NAVD88)
- ELEVATION DATUM CONVERSION NAVD TO NGVD = +1.55'
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES. UTILITY LOCATIONS SHOWN ARE APPROXIMATES.

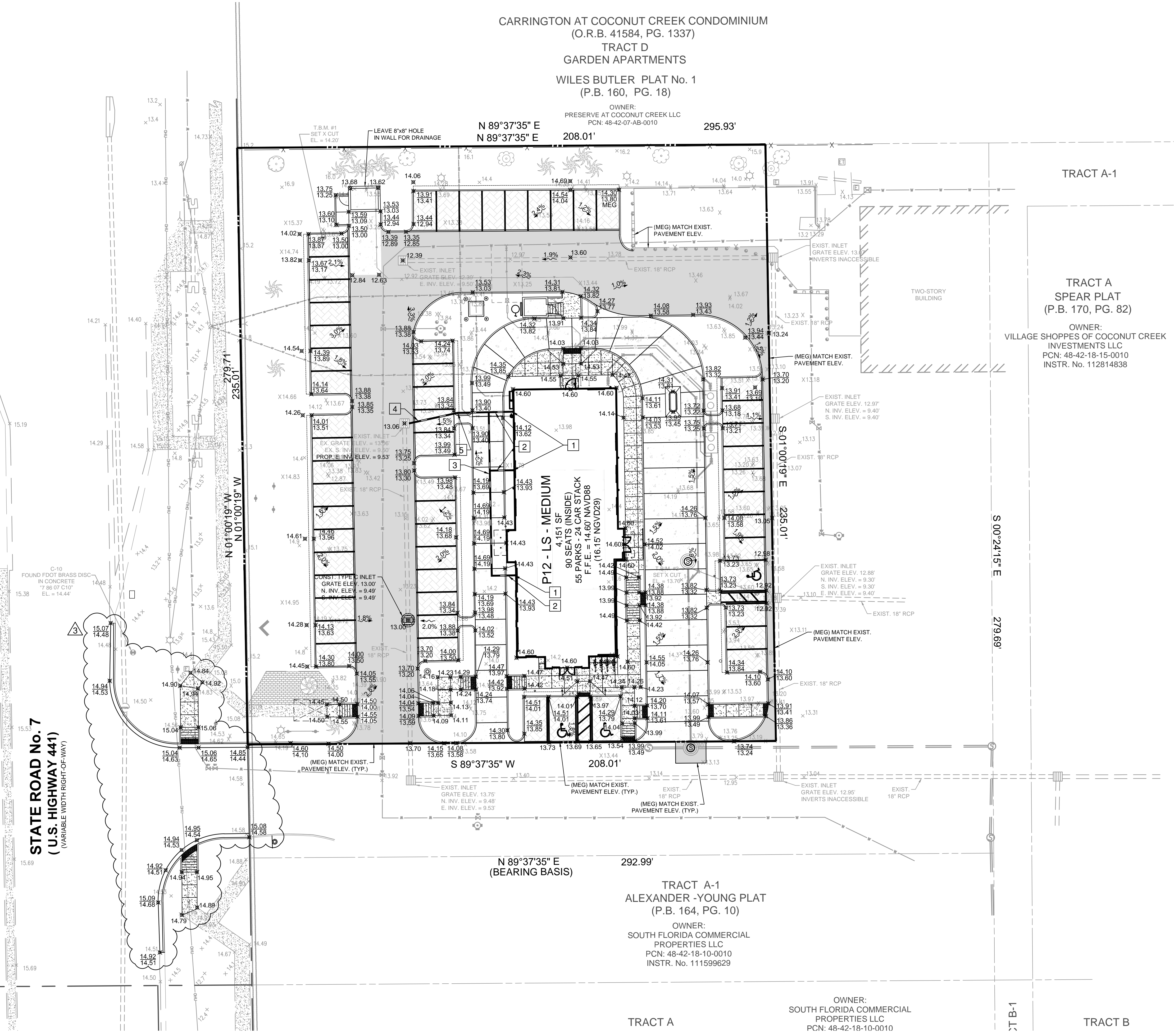
SITE CALCULATIONS

PROPOSED SITE			
AREA	SF	ACRES	%
TOTAL SITE AREA*	47,669 SF	(1.09 A.C.)	(100%)
OPEN SPACE AREA	13,603 SF	(0.31 A.C.)	(28.5%)
BUILDING AREA	4,151 SF	(0.10 A.C.)	(8.7%)
PAVEMENT/SIDEWALK AREA	29,915 SF	(0.68 A.C.)	(62.8%)
TOTAL IMPERVIOUS AREA	34,066 SF	(0.78 A.C.)	(71.5%)
EXISTING SITE			
AREA	SF	ACRES	%
TOTAL SITE AREA*	47,669 SF	(1.09 A.C.)	(100%)
OPEN SPACE AREA	19,617 SF	(0.45 A.C.)	(41.2%)
TOTAL IMPERVIOUS AREA	28,052 SF	(0.64 A.C.)	(58.8%)

* TOTAL SITE AREA EXCLUDES PLAYGROUND AREA PER COMMENT #38 OF DRC REVIEW #1.

DRAINAGE NOTES

- CONNECT TO ROOF DOWNSPOUTS
- CONST. 9 LF OF 6" PVC @ 0% SLOPE
- CONST. 64 LF OF 6" PVC @ 0% SLOPE
- CONST. 32 LF OF 6" PVC @ 2% SLOPE INV. EL. = 10.17'
- CONST. 6" 11.25" BEND



STATE ROAD No. 7
(U.S. HIGHWAY 441)
(VARIABLE WIDTH HIGHWAY)

CARRINGTON AT COCONUT CREEK CONDOMINIUM
(O.R.B. 41584, PG. 1337)
TRACT D
GARDEN APARTMENTS
WILES BUTLER PLAT No. 1
(P.B. 160, PG. 18)

OWNER:
PRESERVE AT COCONUT CREEK LLC
PCN: 48-42-07-AB-0010

TRACT A-1

TRACT A
SPEAR PLAT
(P.B. 170, PG. 82)

OWNER:
VILLAGE SHOPPES OF COCONUT CREEK
INVESTMENTS LLC
PCN: 48-42-18-15-0010
INSTR. No. 112814838

N 89°37'35" E
(BEARING BASIS) 292.99'

TRACT A-1
ALEXANDER-YOUNG PLAT
(P.B. 164, PG. 10)

OWNER:
SOUTH FLORIDA COMMERCIAL
PROPERTIES LLC
PCN: 48-42-18-10-0010
INSTR. No. 111599629

OWNER:
SOUTH FLORIDA COMMERCIAL
PROPERTIES LLC
PCN: 48-42-18-10-0010

TRACT A

TRACT B-1

TRACT B

PERMIT REVIEW

REVISION SCHEDULE	NO.	DATE	DESCRIPTION
	1	7/27/18	REVISED SITE PERMIT SUBMITTAL
	2	9/25/18	FOOT & DRC COMMENTS

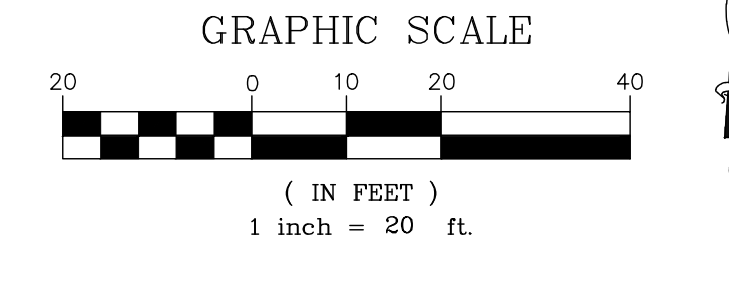
CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
DRAWN BY	RM

SHEET GRADING AND DRAINAGE PLAN

SHEET NUMBER

C-3.0

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIFICATIONS, IS THE SOLE AGREEMENT OF THE PARTIES. IT IS HEREBY AGREED THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

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 13450 Sunrise Blvd., Suite 320
 Sunrise, FL 33333
 Phone: (954) 314-8486
 www.bowmanconsulting.com
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Seal

WILLIAM PFEFFER, P.E.
 LICENSE NO. 73058
 10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
 4670 N. STATE ROAD 7
 COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRC COMMENTS

REVISION SCHEDULE	DATE	DESCRIPTION
NO. DATE		
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRC COMMENTS

PERMIT REVIEW

2017-029
 010014-01-034
 PERMIT REVIEW
 10/2/2018
 RM

C-3.1

LEGEND			
	EXISTING BOUNDARY		PROPOSED SILT DIKE ON PAVEMENT
	EXISTING EASEMENT		LIMITS OF DISTURBANCE
	EXISTING BUILDING		PROPOSED SILT FENCE
	EXISTING FIRE HYDRANT		PROPOSED STABILIZED CONST. ENTRANCE
	EXISTING WATER METER		TEMPORARY PARKING AND STAGING AREAS
	EXISTING CATCH BASIN		PROPOSED FILTER SACK INLET PROTECTION
	EXISTING SANITARY MANHOLE		PROPOSED TREE BARRIER
	EXISTING POWER POLE		
	EXISTING LIGHT POLE		
	EXISTING CROSSWALK SIGNAL		
	EXISTING TEMPORARY PARKING		
	EXISTING D CURB		
	EXISTING F CURB		
	EXISTING EDGE OF PAVEMENT		

CONSTRUCTION SEQUENCE

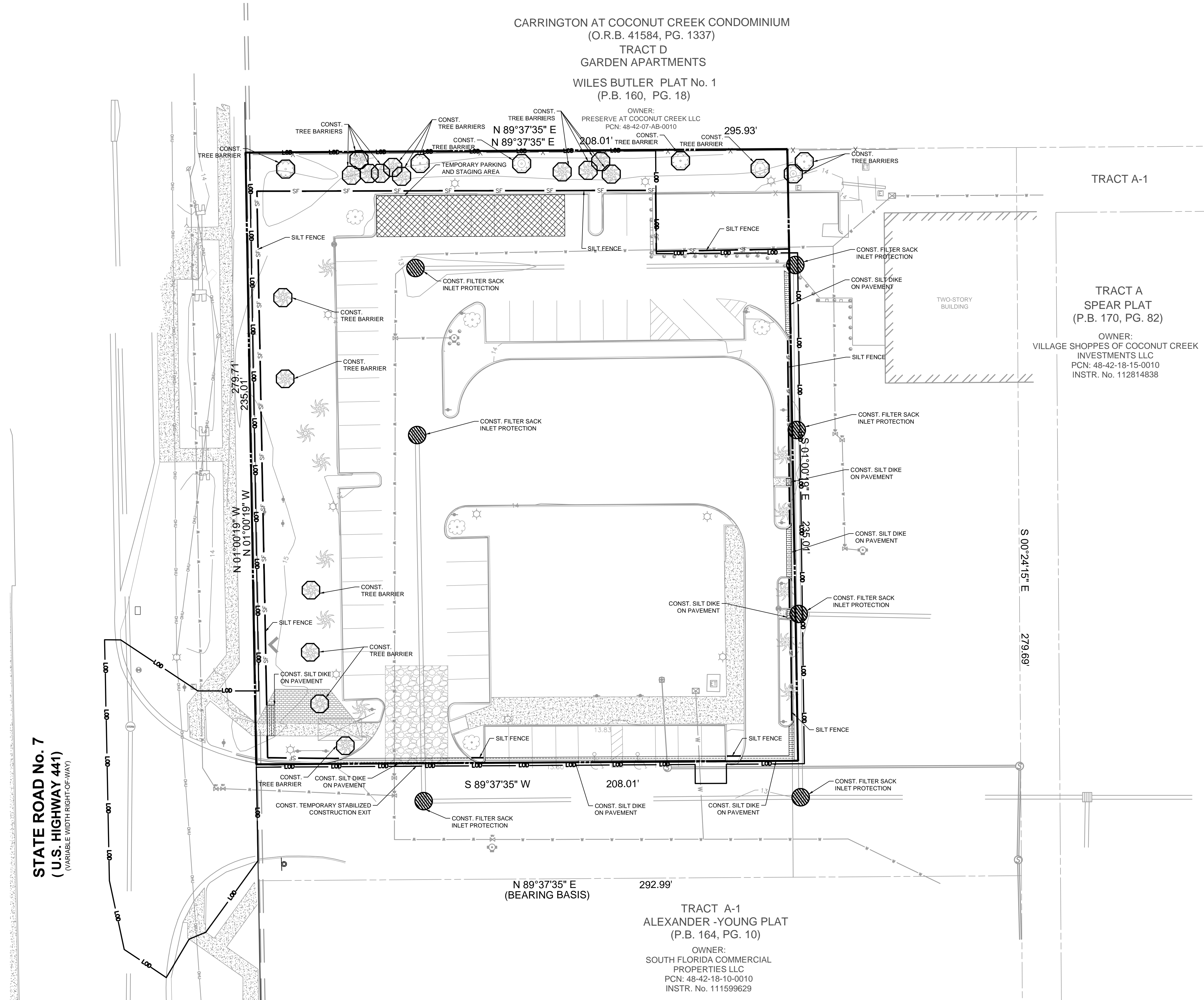
1. CONDUCT PRE-CONSTRUCTION MEETING WITH THE CITY TO DISCUSS EROSION AND SEDIMENT CONTROL AND CONSTRUCTION PHASING.
2. INSTALL STABILIZED CONSTRUCTION EXIT AND POST SHIPPING AND SITE COMPLIANCE SIGNAGE PUBLICLY VISIBLE.
3. INSTALL INLET PROTECTION, SILT DIKES, AND SILT FENCE ON THE SITE AS SHOWN WITHIN THE CONSTRUCTION LIMITS.
4. INSTALL CONSTRUCTION FENCES AND TEMPORARY TRAFFIC AND PEDESTRIAN CONTROL DEVICES.
5. PREPARE TEMPORARY PARKING AND STORAGE AREAS.
6. DEMO EXISTING STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
7. BEGIN GRADING THE SITE.
8. BEGIN CONSTRUCTION OF UTILITIES.
9. BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF STRUCTURES.
10. BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING.
11. COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS COMPLETED.
12. COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
13. OBTAIN CONCURRENCE FROM THE OWNER AND THE CITY THAT THE SITE HAS BEEN FULLY STABILIZED.
14. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
15. STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.

BMP MAINTENANCE NOTES

1. ALL MEASURES STATED ON THESE PLANS SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONSTRUCTION FDEP GENERIC PERMIT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
2. ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND REPAIRED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE.
4. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE EXIT AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN A GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS CONDITIONS DEMAND.
6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT LEAVING THE SITE SHALL BE CLEANED IMMEDIATELY.
7. ALL INLETS AND STORM DRAINS SHALL BE KEPT CLEAN OF DEBRIS AND SEDIMENT. ANY DEBRIS AND/OR SEDIMENT THAT ENTERS ANY INLET OR STORM DRAIN SHALL BE CLEANED IMMEDIATELY. FLUSHING SHALL NOT BE USED TO CLEAN DEBRIS AND/OR SEDIMENT FROM STORM DRAINS.

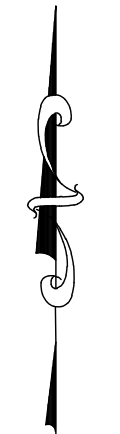
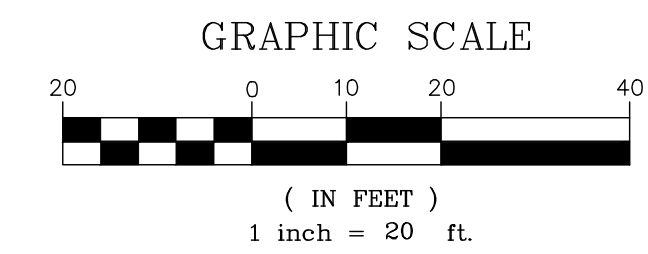
GENERAL NOTES

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED, AND THAT CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE FDEP GENERIC PERMIT.
4. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
7. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
8. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
9. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE, SHALL BE INITIATED AS SOON AS PRACTICABLE.
10. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY SEEDED.
11. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE SODDED/LANDSCAPED PER PLANS. THESE AREA SHALL BE SODDED/LANDSCAPED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
12. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE VEHICLES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
13. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
14. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
15. ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH FDEP GENERIC PERMIT REQUIREMENTS.
16. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
17. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION.
18. CONTRACTOR SHALL DESIGNATE/IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
19. CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH THE EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
20. ALL EXISTING SIGNALIZATION EQUIPMENT TO REMAIN IS ASSUMED TO BE IN GOOD WORKING ORDER UNLESS NOTICED IS NOTIFIED IN WRITING PRIOR TO THE START OF CONSTRUCTION. ANY SUBSEQUENT DAMAGE TO THE SIGNAL EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.



STATE ROAD No. 7
 (U.S. HIGHWAY 441)
 (VARIABLE WIDTH RIGHT-OF-WAY)

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIFICATIONS, SHALL BE THE INSTRUMENTS OF SERVICE. IT IS HEREBY AGREED THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.



5200 Buffington Rd.
Atlanta Georgia,
30349-2998



Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRG COMMENTS

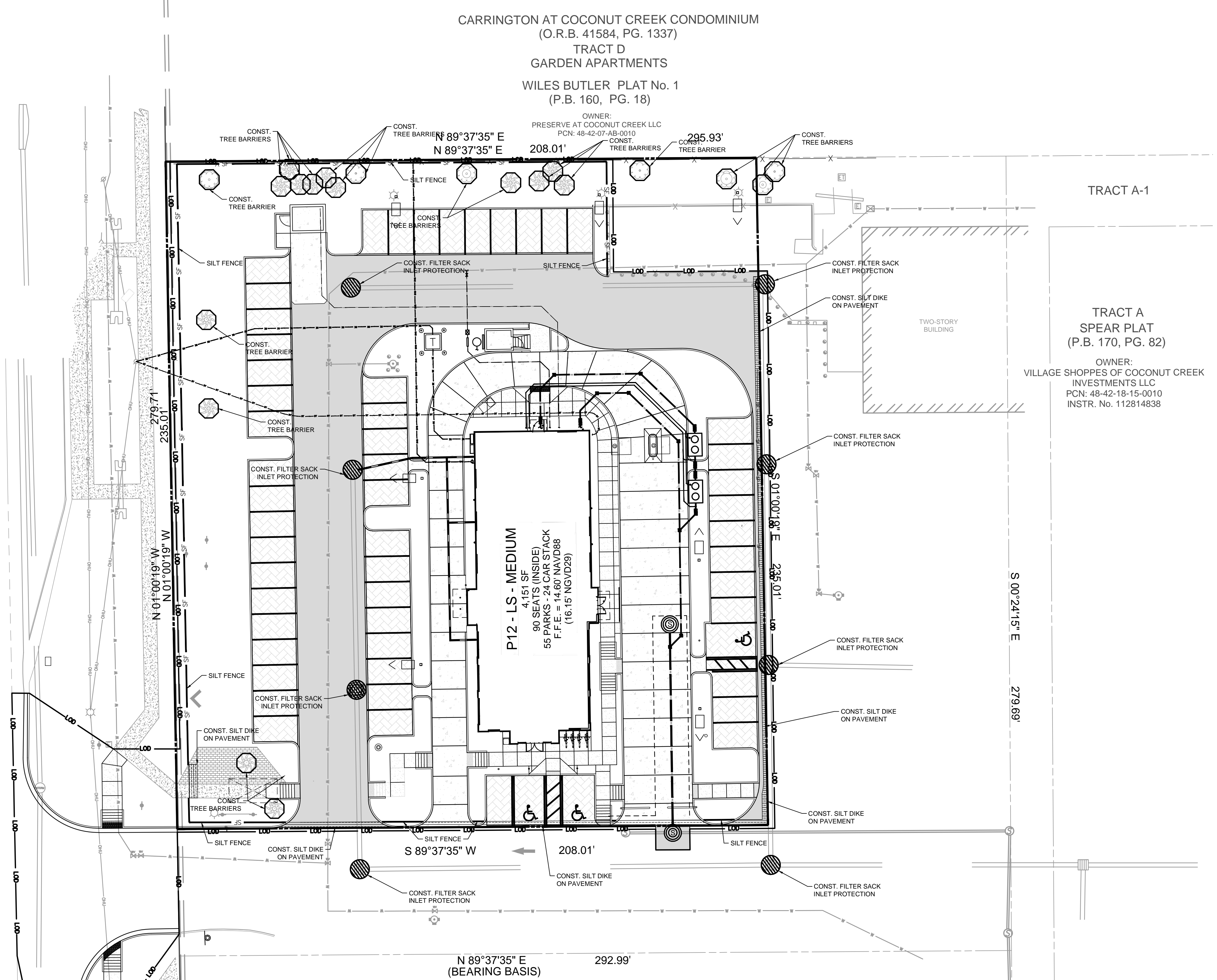
NO.	DATE	DESCRIPTION
1	2017-029	CURRENT DESIGN NOTE APPLIED
2	010014-01-034	PROJECT #
3	PERMIT REVIEW	PRINTED FOR
4	10/2/2018	DATE
5	RM	DRAWN BY

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SHEET
EROSION CONTROL PLAN - PHASE II

SHEET NUMBER
C-3.2

STATE ROAD No. 7
(U.S. HIGHWAY 441)
(VARIABLE WIDTH RIGHT-OF-WAY)



CARRINGTON AT COCONUT CREEK CONDOMINIUM
(O.R.B. 41584, PG. 1337)
TRACT D
GARDEN APARTMENTS
WILES BUTLER PLAT No. 1
(P.B. 160, PG. 18)

TRACT A
SPEAR PLAT
(P.B. 170, PG. 82)
OWNER:
VILLAGE SHOPS OF COCONUT CREEK
INVESTMENTS LLC
PCN: 48-42-18-15-0010
INSTR. No. 112814838

TRACT A-1
ALEXANDER-YOUNG PLAT
(P.B. 164, PG. 10)
OWNER:
SOUTH FLORIDA COMMERCIAL
PROPERTIES LLC
PCN: 48-42-18-10-0010
INSTR. No. 111599629

LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING BUILDING
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING CATCH BASIN
	EXISTING SANITARY MANHOLE
	EXISTING POWER POLE
	EXISTING LIGHT POLE
	EXISTING CROSSWALK SIGNAL
	EXISTING PARKING
	EXISTING D CURB
	EXISTING F CURB
	EXISTING EDGE OF PAVEMENT
	PROPOSED TYPE F CURB AND GUTTER
	PROPOSED TYPE "C" CURB
	PROPOSED TYPE "C" INLET
	PROPOSED CURB INLET
	PROPOSED SILT DIKE ON PAVEMENT
	PROPOSED SILT FENCE
	LIMITS OF DISTURBANCE
	PROPOSED SILT FENCE ON PAVEMENT
	PROPOSED STABILIZED CURB ENTRANCE
	TEMPORARY PARKING AND STAGING AREAS
	PROPOSED FILTER SACK INLET PROTECTION
	PROPOSED TREE BARRIER
	PROPOSED LIGHT POLE

CONSTRUCTION SEQUENCE

- CONDUCT PRE-CONSTRUCTION MEETING WITH THE CITY TO DISCUSS EROSION AND SEDIMENT CONTROLS AND CONSTRUCTION PHASING.
 - INSTALL STABILIZED CONSTRUCTION EXIT AND POST SWPPP AND SITE COMPLIANCE SIGNAGE PUBLICLY VISIBLE.
 - INSTALL INLET PROTECTION, SILT DIKES, AND SILT FENCE ON THE SITE AS SHOWN WITHIN THE CONSTRUCTION LIMITS.
 - INSTALL CONSTRUCTION FENCES AND TEMPORARY TRAFFIC AND PEDESTRIAN CONTROL DEVICES.
 - PREPARE TEMPORARY PARKING AND STORAGE AREAS.
 - DEMO EXISTING STRUCTURES, PAVEMENT, AND SPECIFIED UTILITIES.
 - BEGIN GRADING THE SITE.
 - BEGIN CONSTRUCTION OF UTILITIES.
 - BEGIN SUBGRADE PREPARATION AND CONSTRUCTION OF STRUCTURES.
 - BEGIN INSTALLATION OF CURB, GUTTER, AND PAVING.
 - COMPLETE PERMANENT STABILIZATION ON AREAS WHERE CONSTRUCTION HAS COMPLETED.
 - COMPLETE FINAL GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 - OBTAIN CONCURRENCE FROM THE OWNER AND THE CITY THAT THE SITE HAS BEEN FULLY STABILIZED.
 - REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
 - STABILIZE ALL AREAS DISTURBED BY BMP REMOVAL.
- CONTRACTOR MAY COMPLETE CONSTRUCTION RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPs HAVE BEEN COMPLETELY INSTALLED.
- THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY THE PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE GENERAL CONTRACTOR ON THESE PLANS.

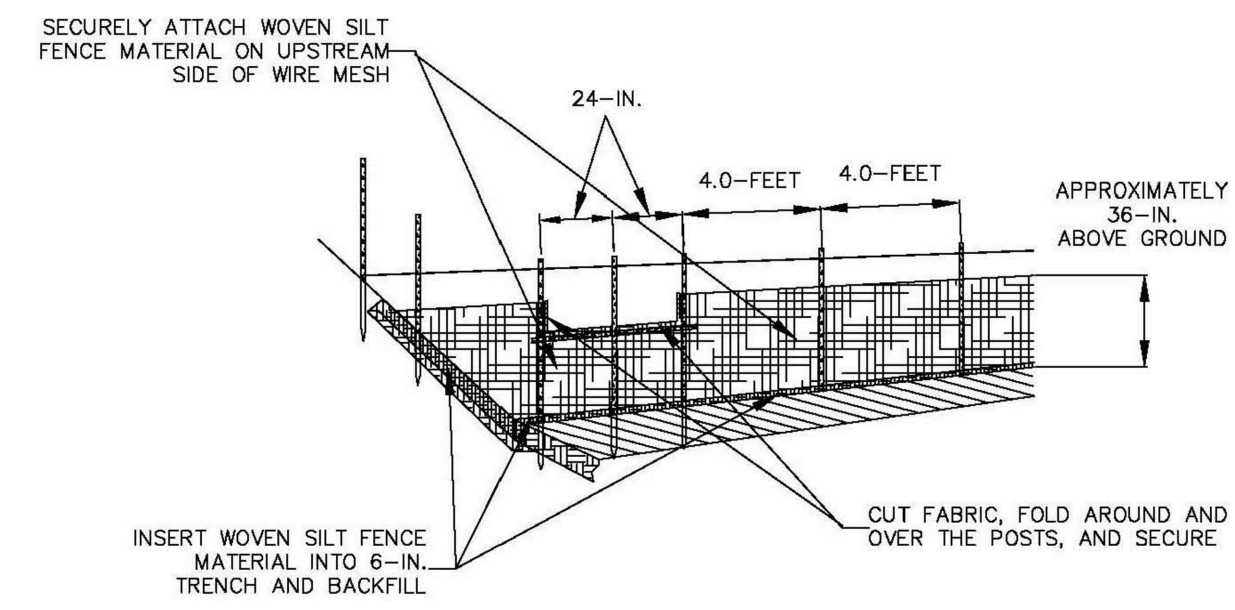
BMP MAINTENANCE NOTES

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF DEGRADATION.
- ALL SEEDED/SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED AND REPAIRED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FENCE.
- THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT FROM THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN A GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE AREA AS CONDITIONS DEMAND.
- PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS, AND/OR SEDIMENT LEAVING THE SITE SHALL BE CLEANED IMMEDIATELY.
- ALL INLETS AND STORM DRAINS SHALL BE KEPT CLEAN OF DEBRIS AND SEDIMENT. ANY DEBRIS AND/OR SEDIMENT THAT ENTERS ANY INLET OR STORM DRAIN SHALL BE CLEANED IMMEDIATELY. FLUSHING SHALL NOT BE USED TO CLEAN DEBRIS AND/OR SEDIMENT FROM STORM DRAINS.

GENERAL NOTES

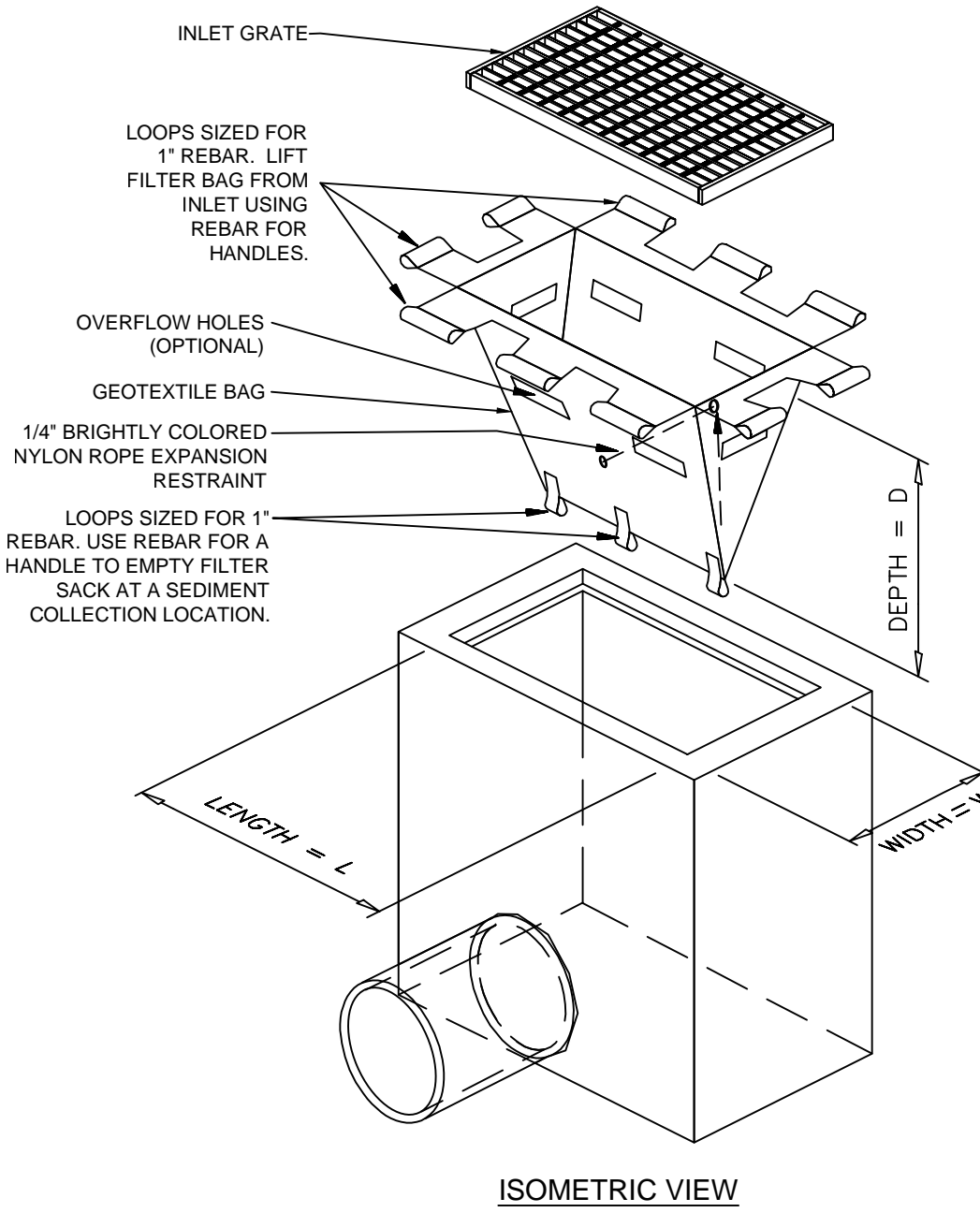
- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED AND THAT CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE FDEP GENERIC PERMIT.
- GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY SEEDDED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE SODDED/LANDSCAPED PER PLANS. THESE AREAS SHALL BE SODDED/LANDSCAPED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH FDEP GENERIC PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION.
- CONTRACTOR SHALL DESIGNATE/IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH THE EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
- ALL EXISTING SIGNALIZATION EQUIPMENT TO REMAIN IS ASSUMED TO BE IN GOOD WORKING ORDER UNLESS BCTED IS NOTIFIED IN WRITING PRIOR TO THE START OF CONSTRUCTION. ANY SUBSEQUENT DAMAGE TO THE SIGNAL EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIFICATIONS, SHALL BE THE INSTRUMENTS OF SERVICE. IT IS HEREBY CERTIFIED THAT THE SPECIFIC CHANGES AND DETAILS SHOWN ON THIS DRAWING ARE THE PROPERTY OF BOWMAN CONSULTING. THESE OF ANY IMPROVEMENTS MADE TO THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND SIGNATURE OF BOWMAN CONSULTING SHALL BE VOID. LIABILITY TO BOWMAN CONSULTING.

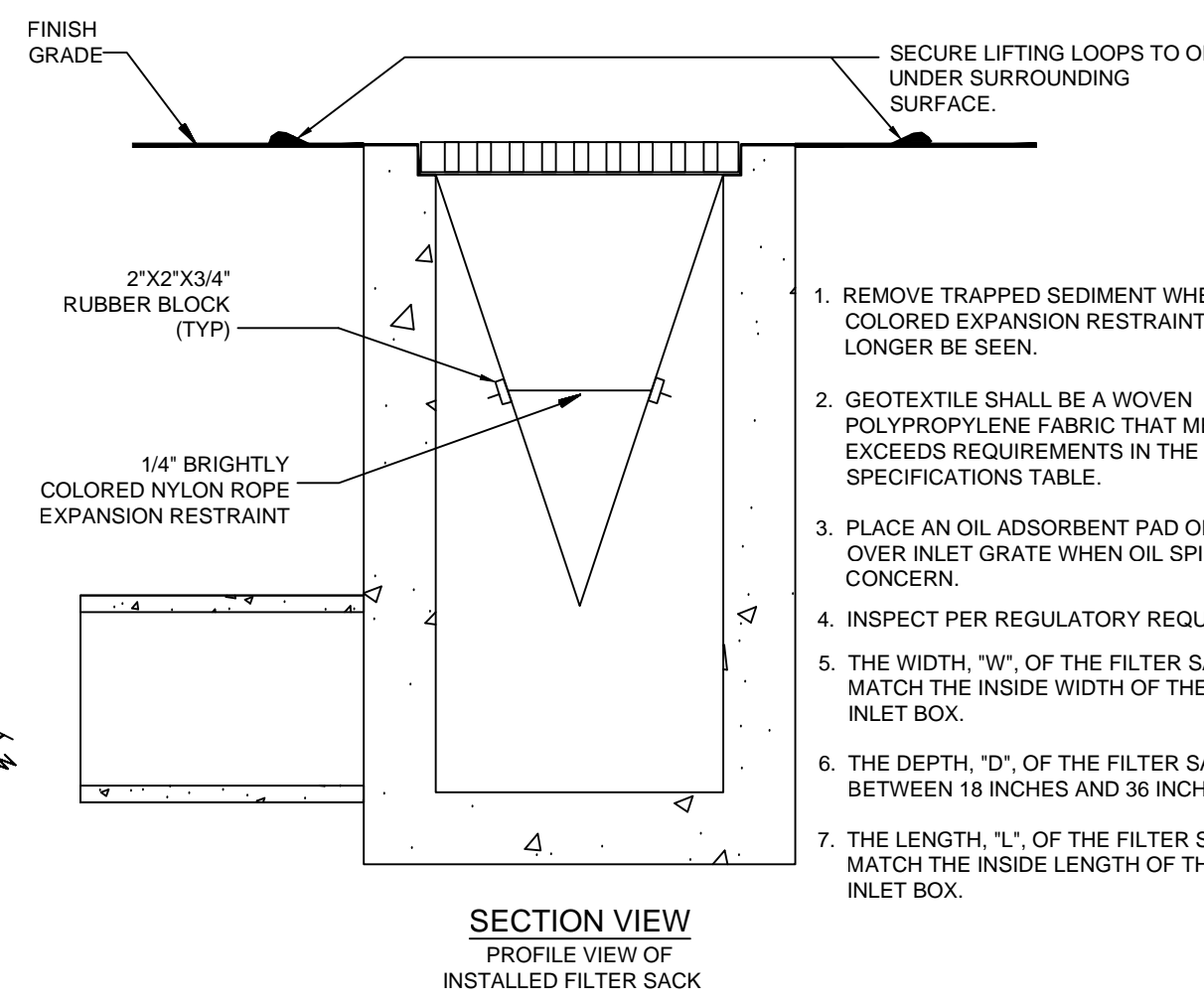


1
C-3.3
SILT FENCE PER FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL
NOT TO SCALE

DO NOT DEPLOY IN A MANNER THAT SILT FENCE WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.



ISOMETRIC VIEW

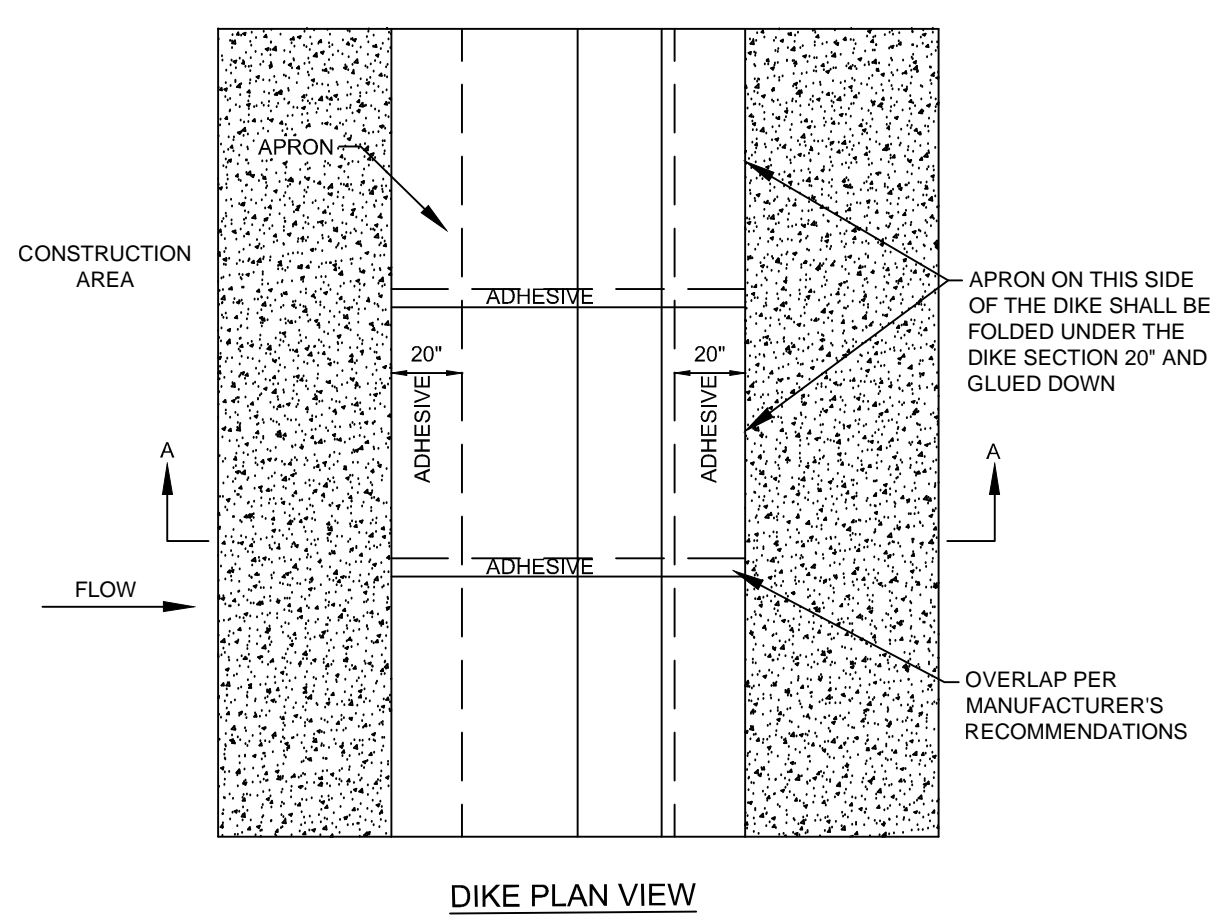


2
C-3.3
INLET FILTER DETAIL
NOT TO SCALE

1. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. PLACE AN OIL ADSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.
5. THE WIDTH, "W," OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D," OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L," OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

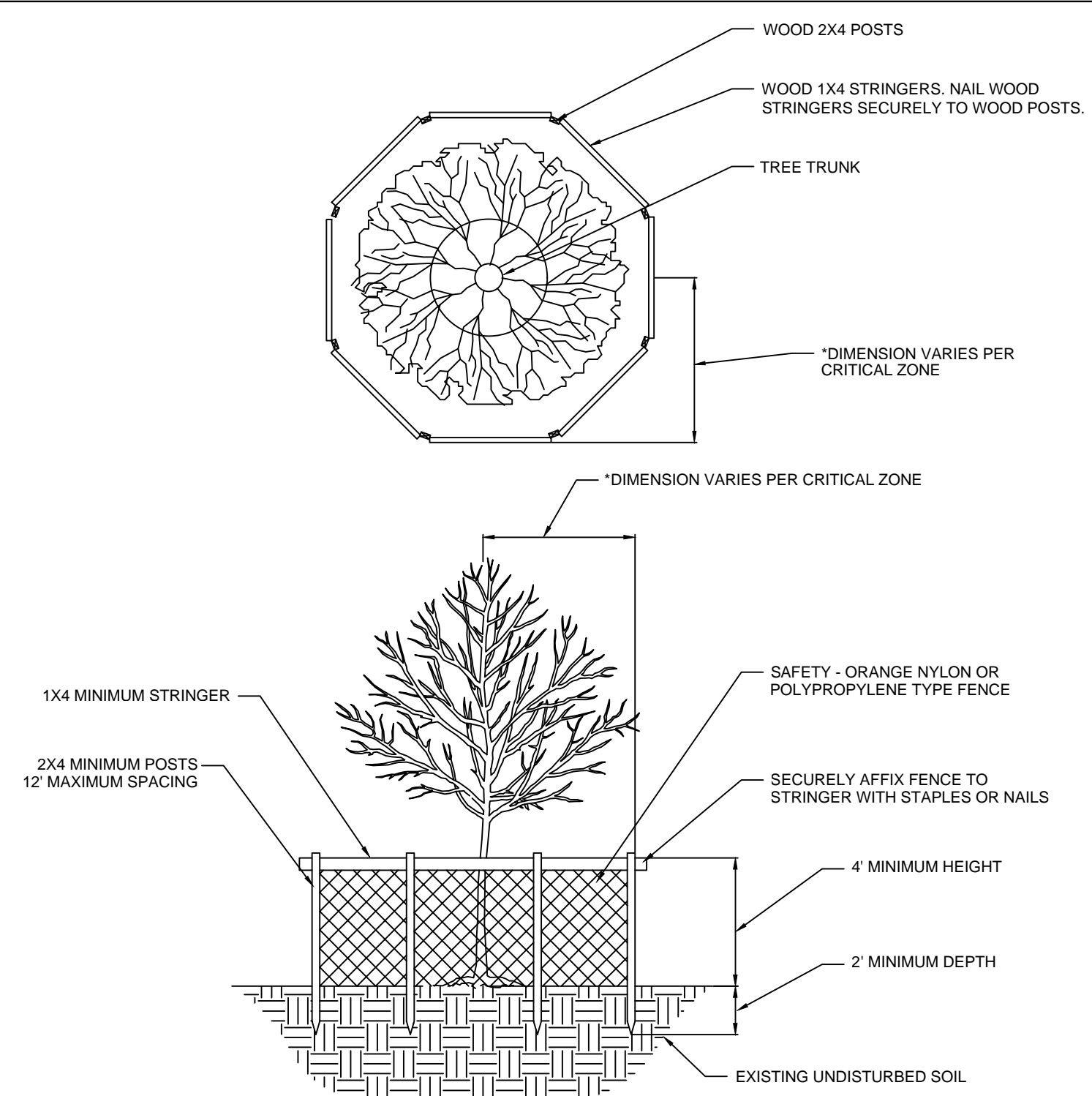
LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20%
PUNCTURE	ASTM D-4633	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
MULLEN BURST	ASTM D-3786	120 LBS
TRAPEZOID TEAR	ASTM D-4202	80%
UV RESISTANCE	ASTM D-4751	40 US SIEVE
APPEARANT OPENING SIZE	ASTM D-4661	40 GAL/MIN/50 FT
FLOW RATE	ASTM D-4661	0.55 SEC/1
PERMITTIVITY	ASTM D-4661	1.5 SEC/1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20%
PUNCTURE	ASTM D-4633	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4202	45 LBS
UV RESISTANCE	ASTM D-4751	90%
APPEARANT OPENING SIZE	ASTM D-4661	20 US SIEVE
FLOW RATE	ASTM D-4661	200 GAL/MIN/50 FT
PERMITTIVITY	ASTM D-4661	1.5 SEC/1



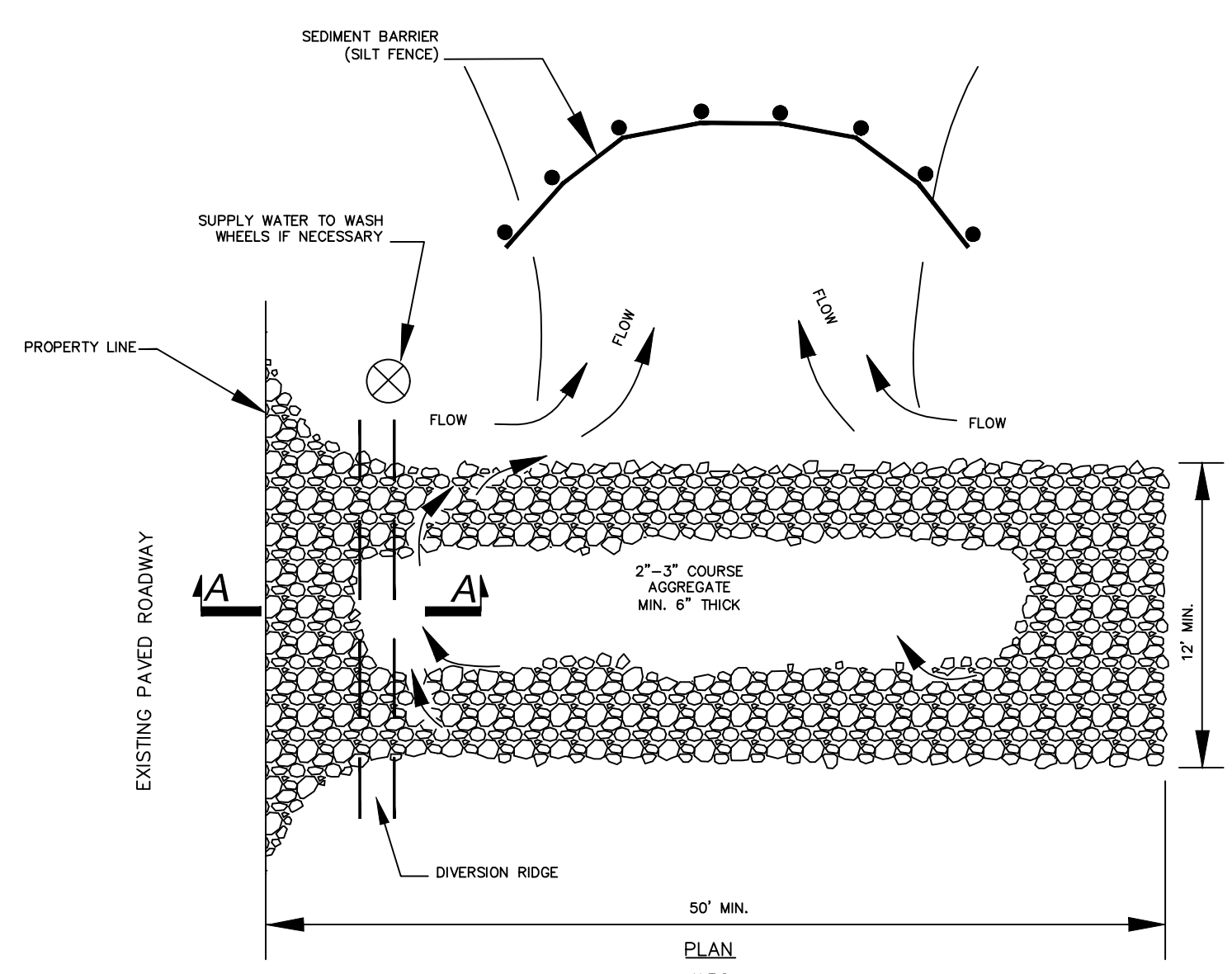
3
C-3.3
SILT DIKE ON EXISTING PAVEMENT
NOT TO SCALE

- NOTES:
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.
 2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS. ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20' STRIP ALONG BOTH EDGES.

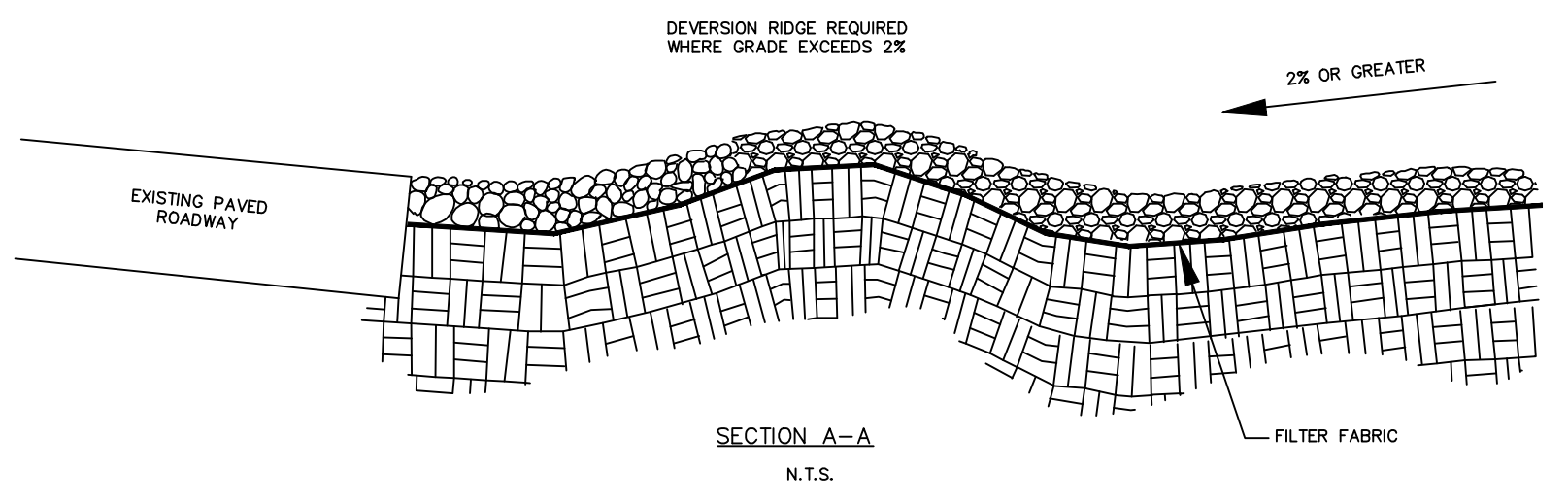


4
C-3.3
TREE BARRIER
NOT TO SCALE

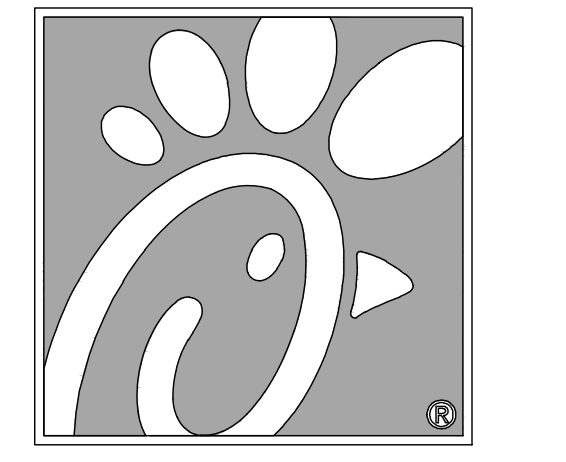
- NOTES:
1. CRITICAL PROTECTION ZONE: THE AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE TRUNK DIAMETER AT 54" ABOVE FINISHED GRADE. FOR GROUPS OF TREES, PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY.
 2. TREE PROTECTION BARRICADE SHALL BE LOCATED TO PROTECT A MINIMUM OF 75% OF THE CRITICAL PROTECTION ZONE.



5
C-3.3
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 4. ANY SEDIMENT TRACKED ONTO ROADWAYS SHALL BE SWEEPED BACK ONTO SITE AT THE END OF EACH WORKING DAY.



Chick-fil-A

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Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

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9/25/18		FOOT & DRG COMMENTS

PERMIT REVIEW

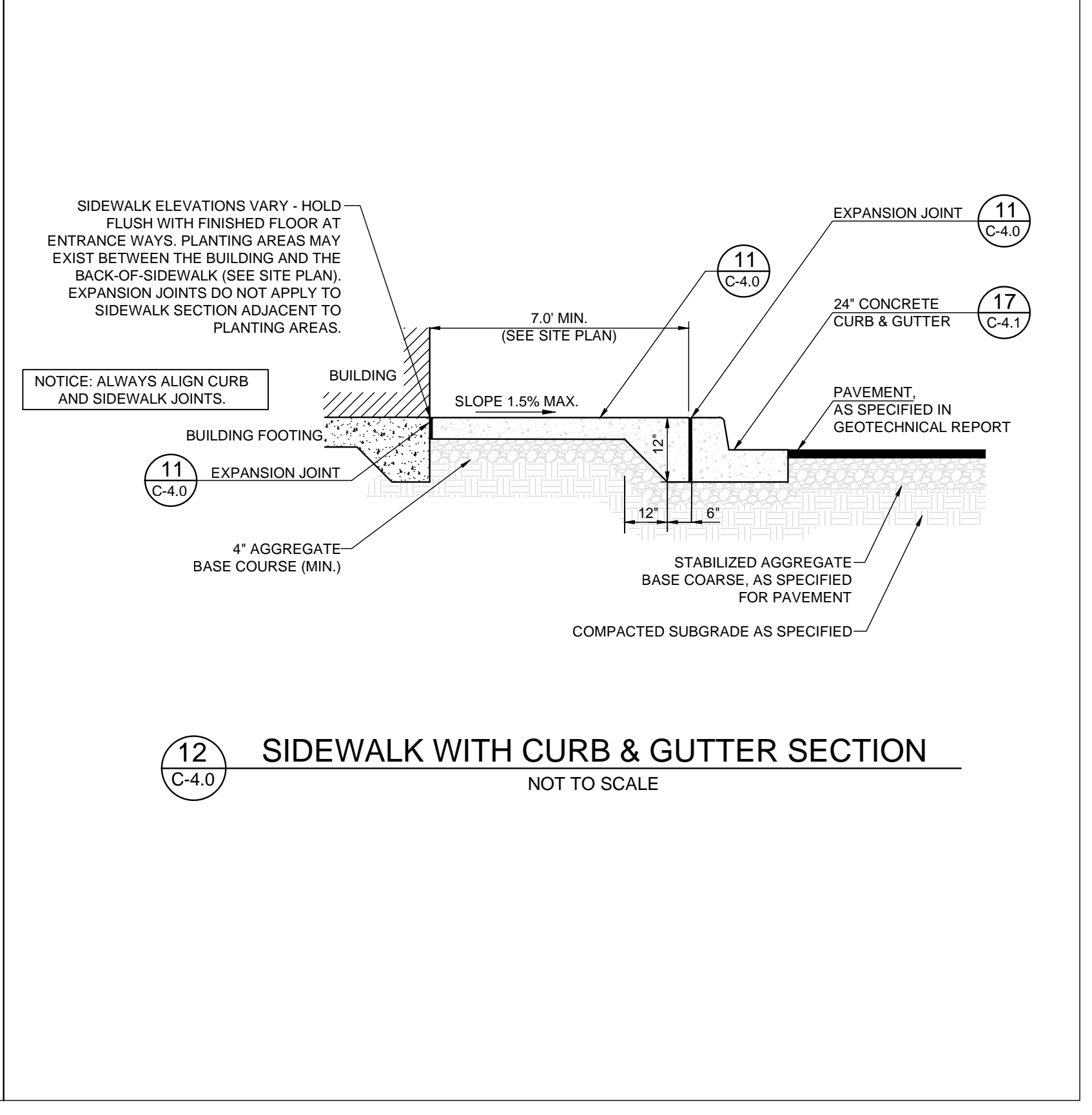
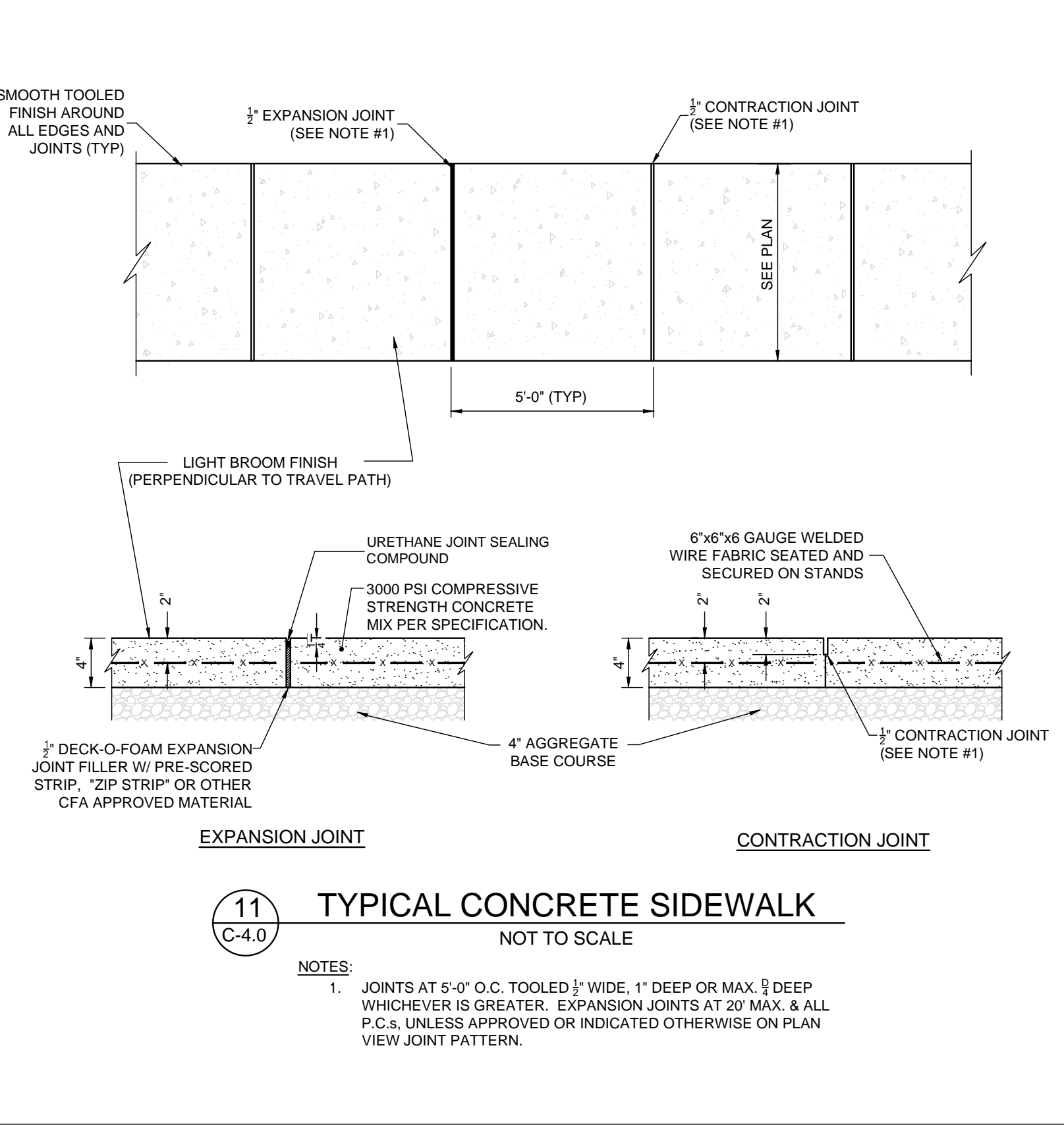
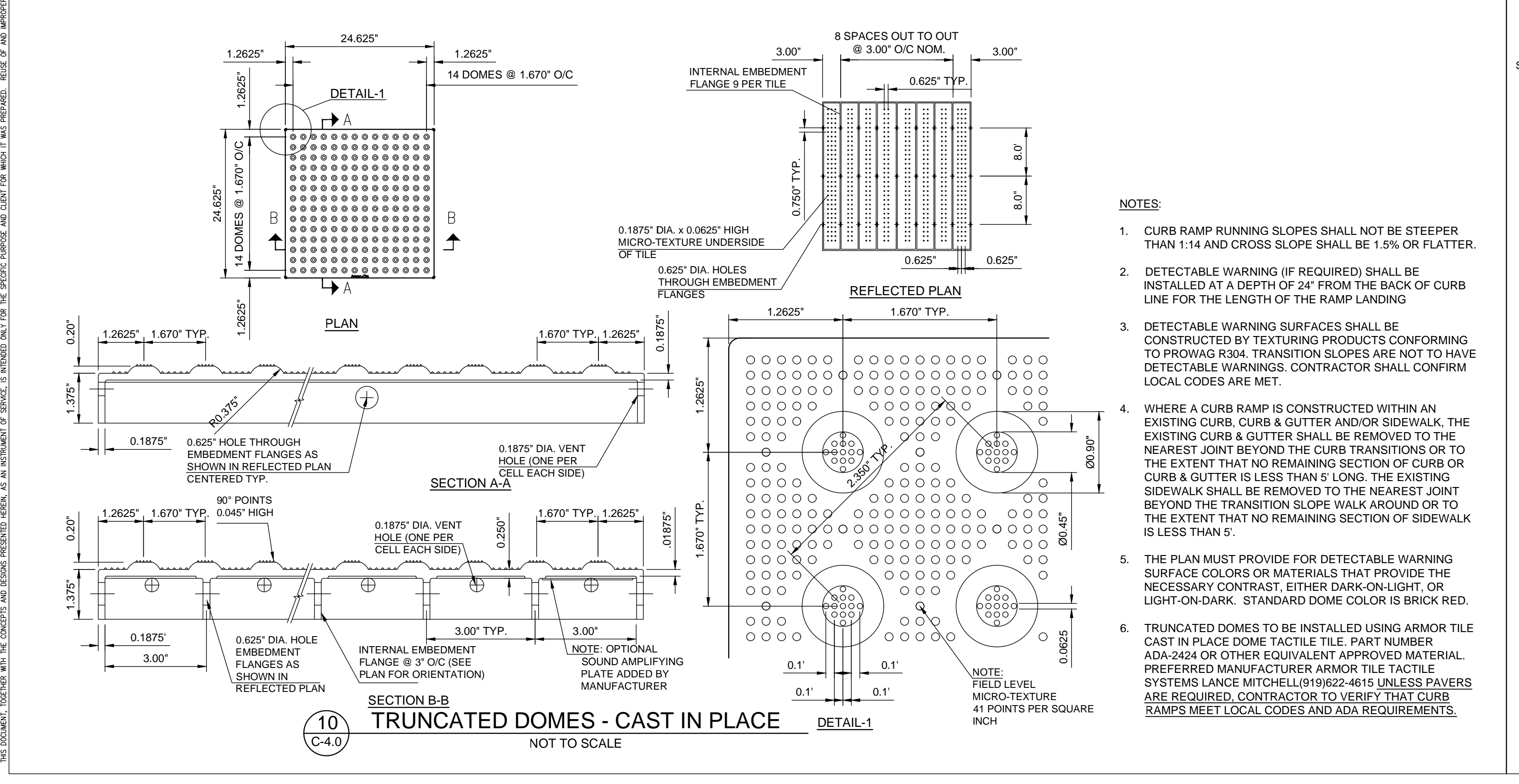
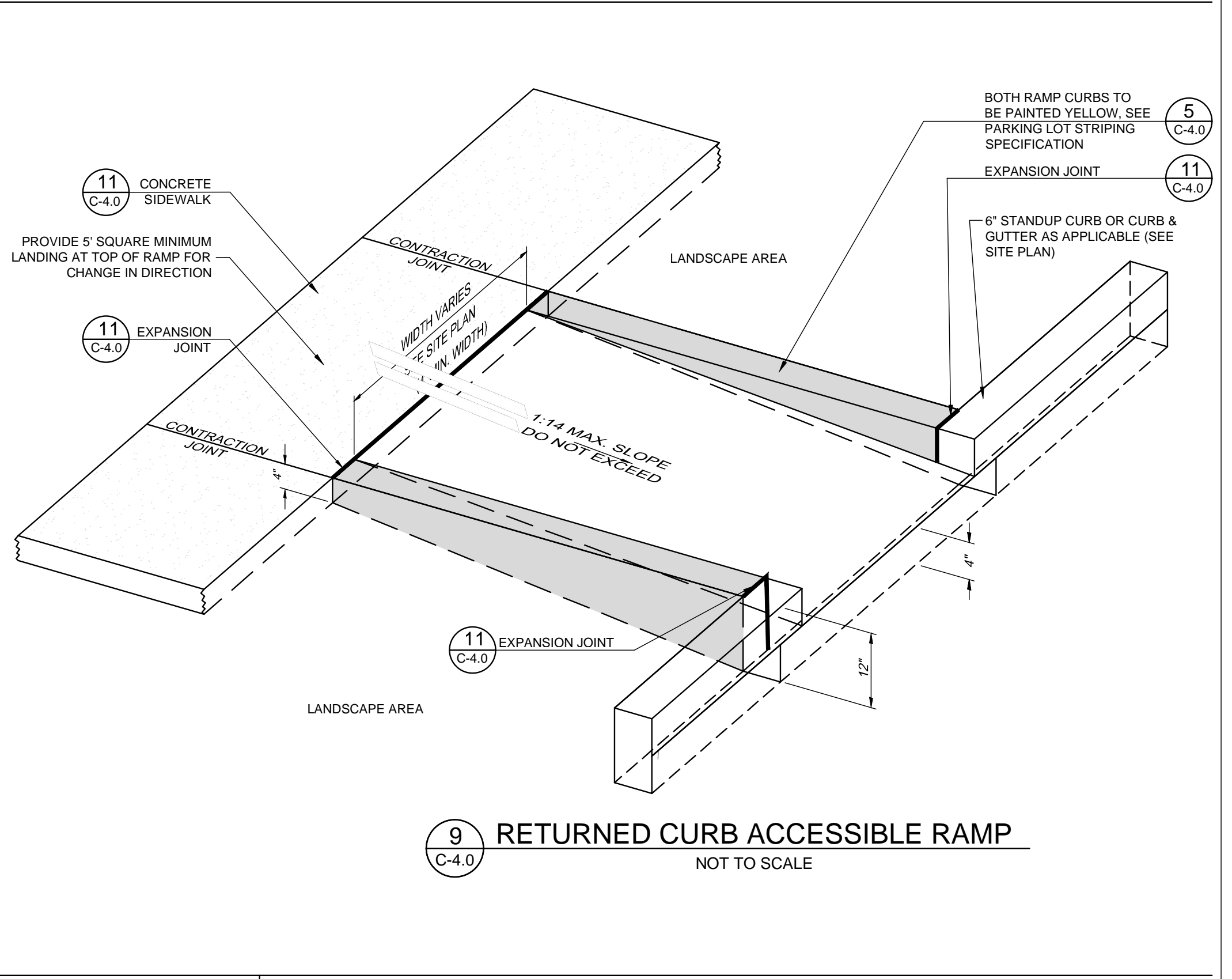
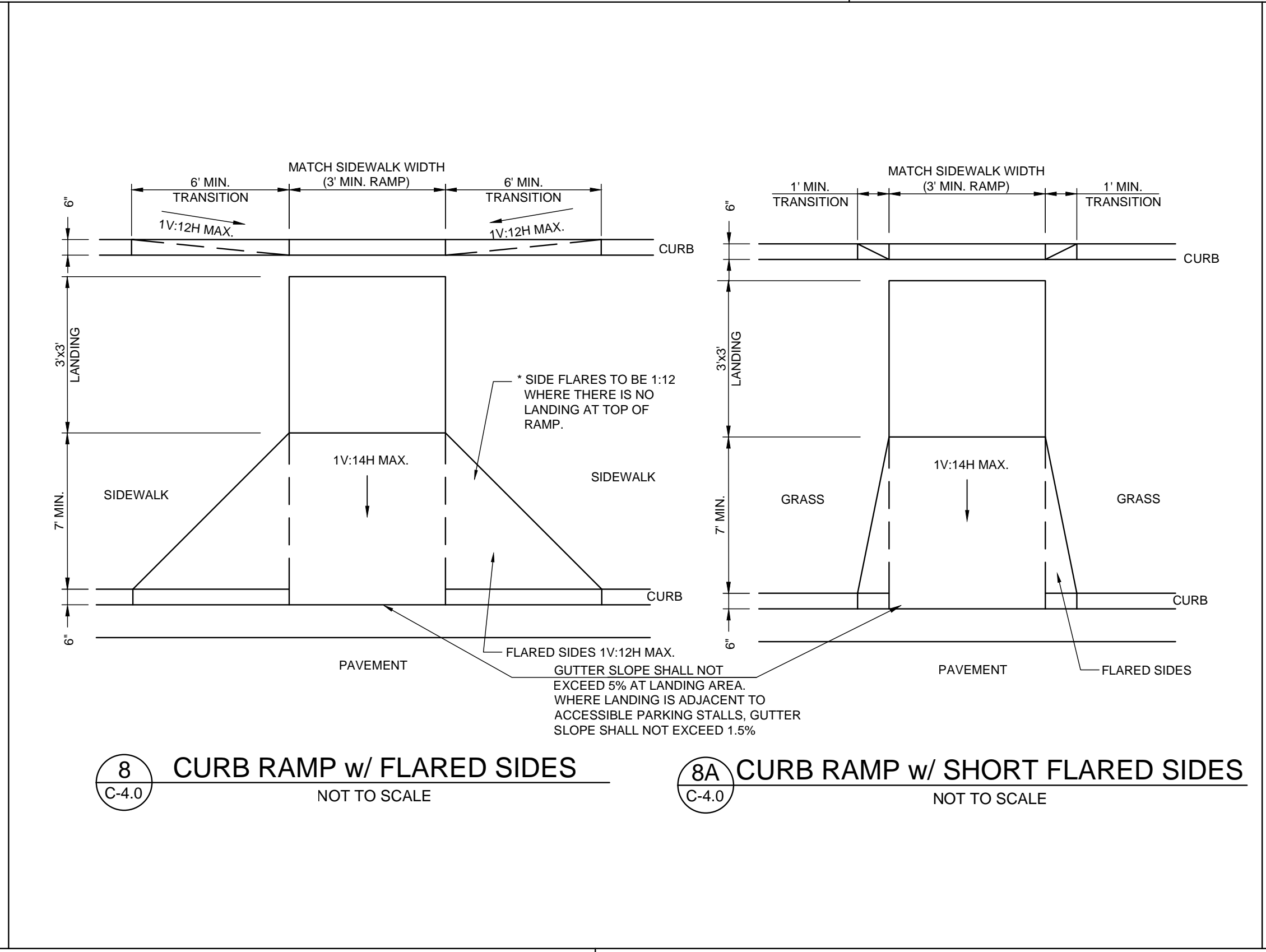
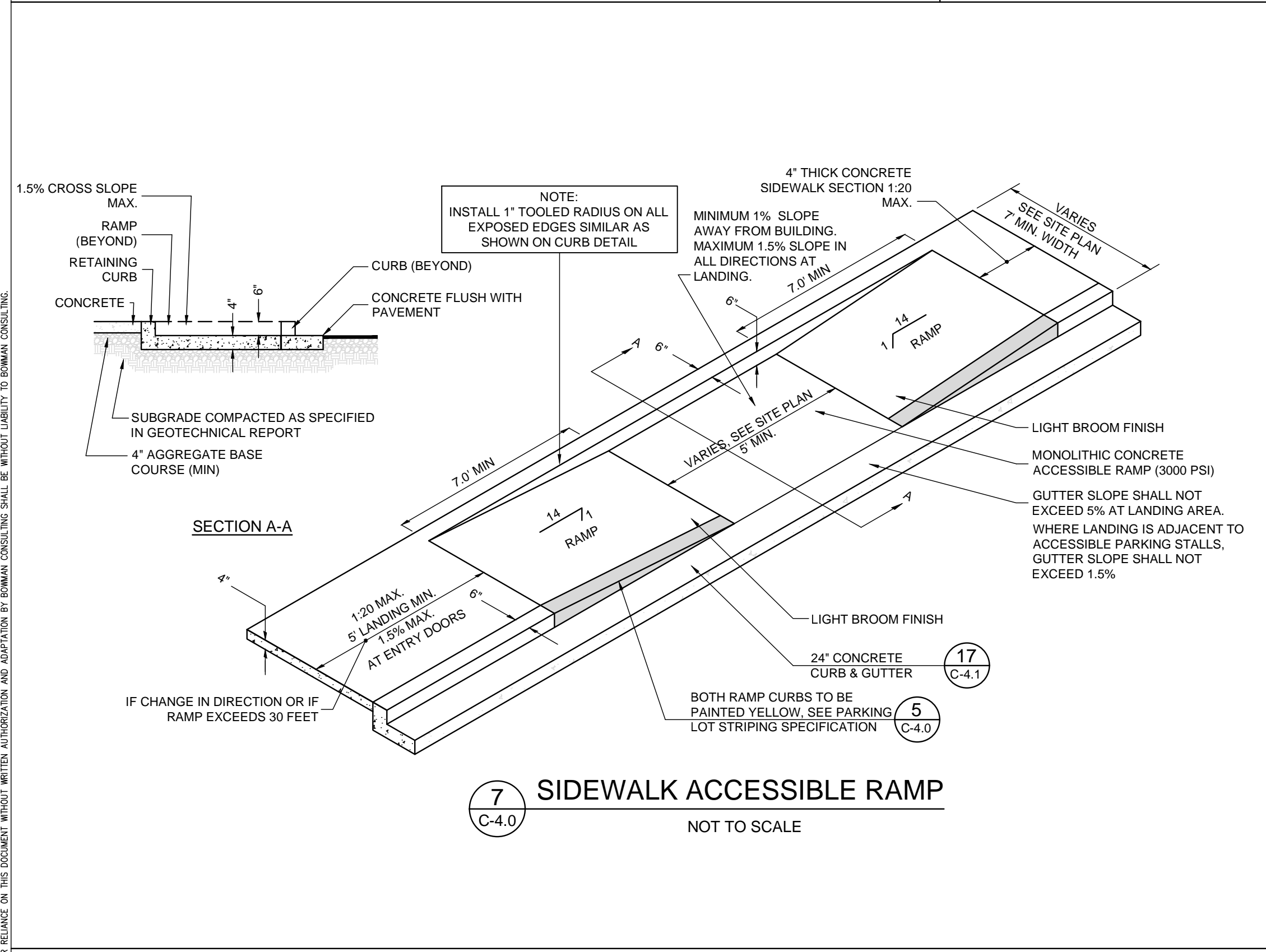
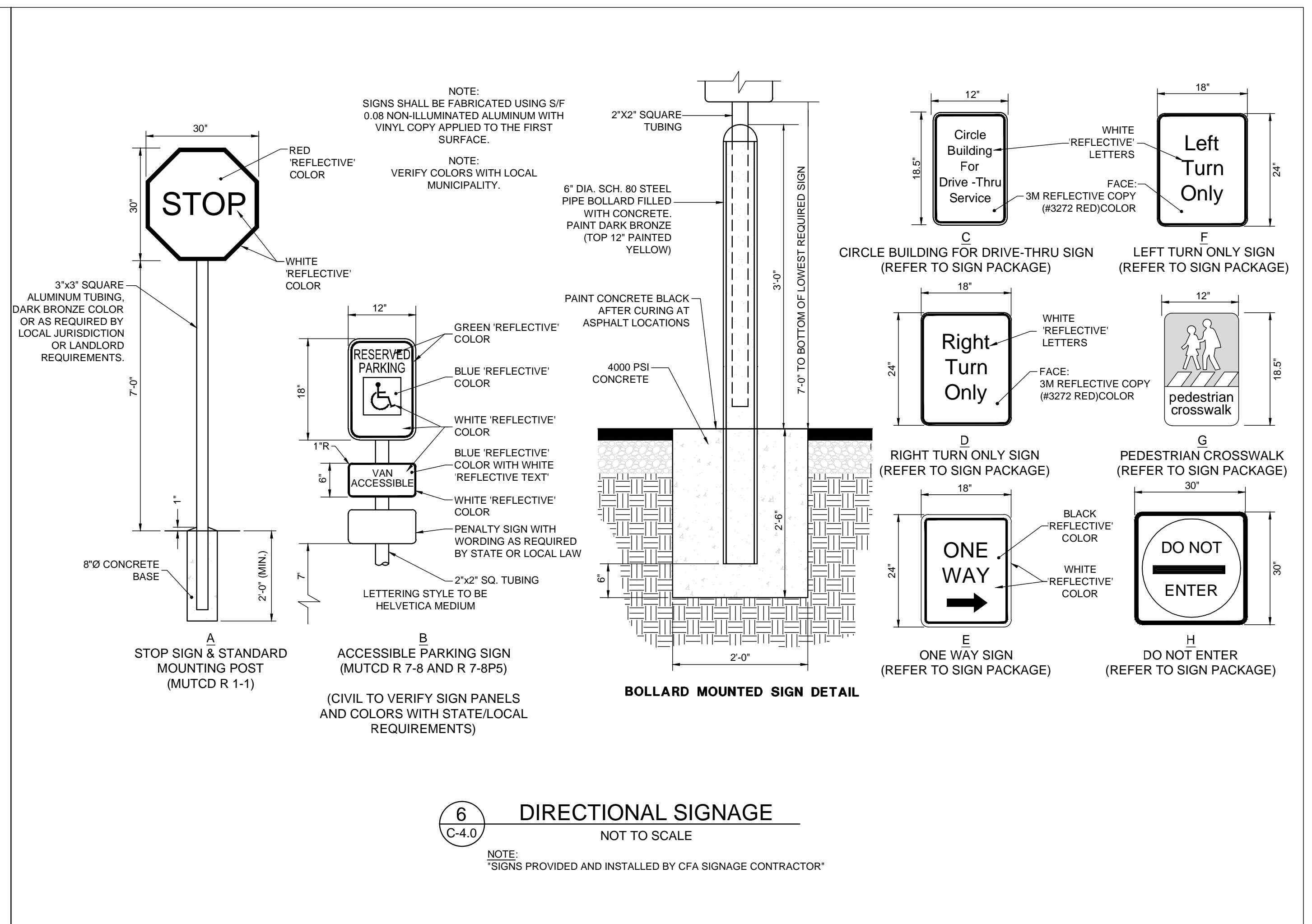
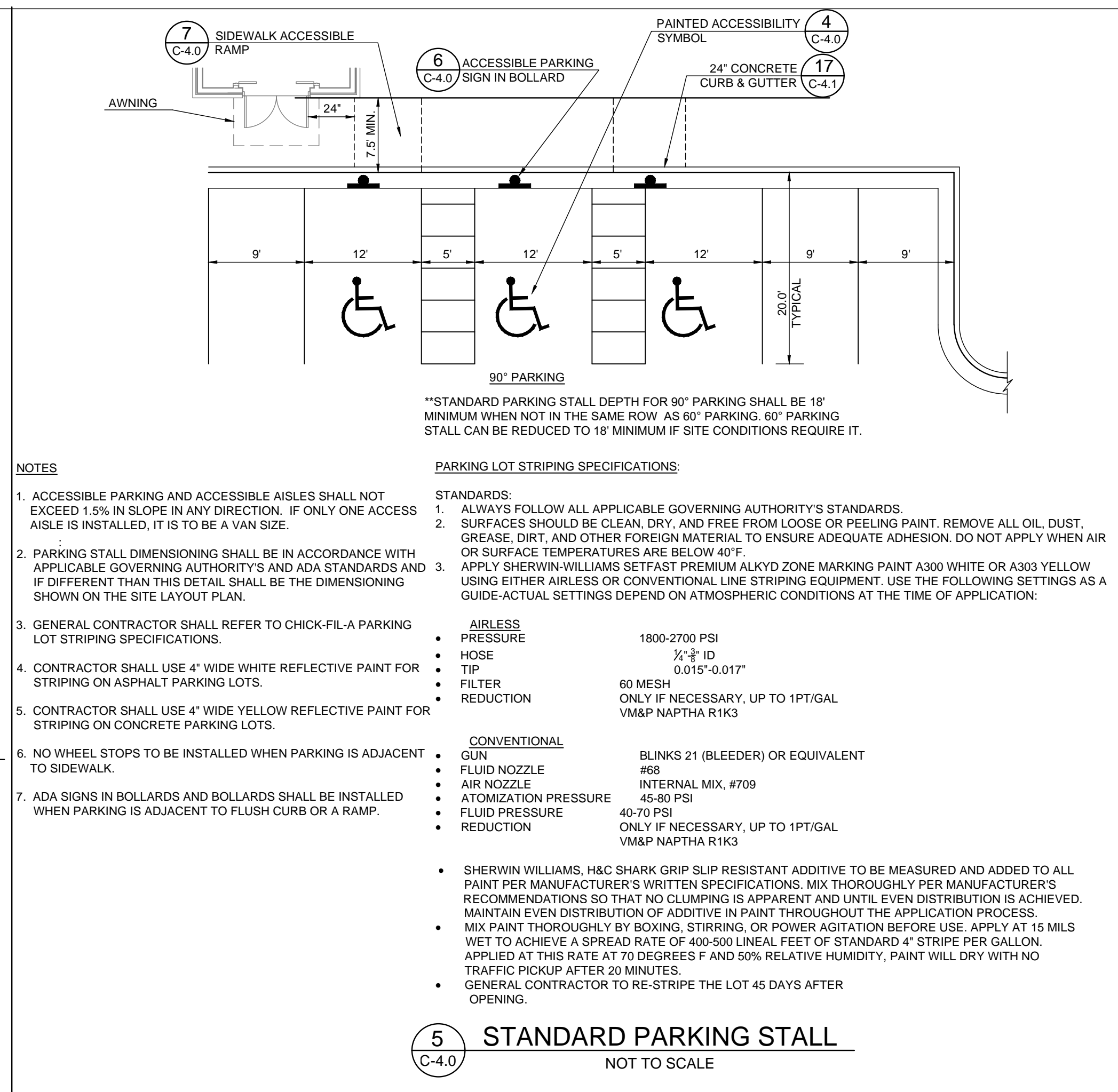
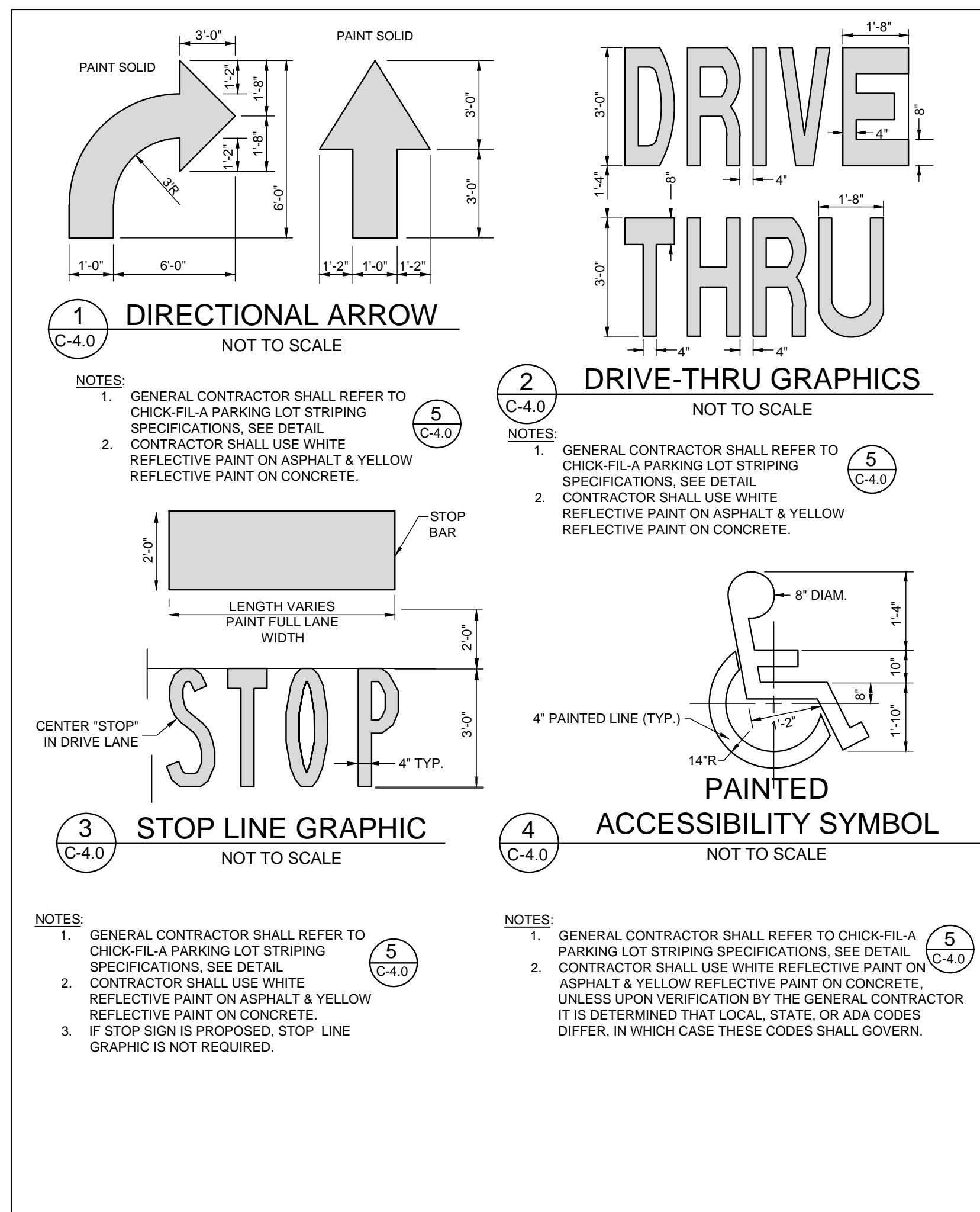
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SHEET EROSION CONTROL DETAILS

SHEET NUMBER
C-3.3

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Chick-fil-A

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License No. 730958
10/2/2018

CHICK-FIL-A

COCONUT CREEK FSR

4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

PERMIT REVIEW

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9/25/18		FOOT & DRG COMMENTS

REVISION SCHEDULE

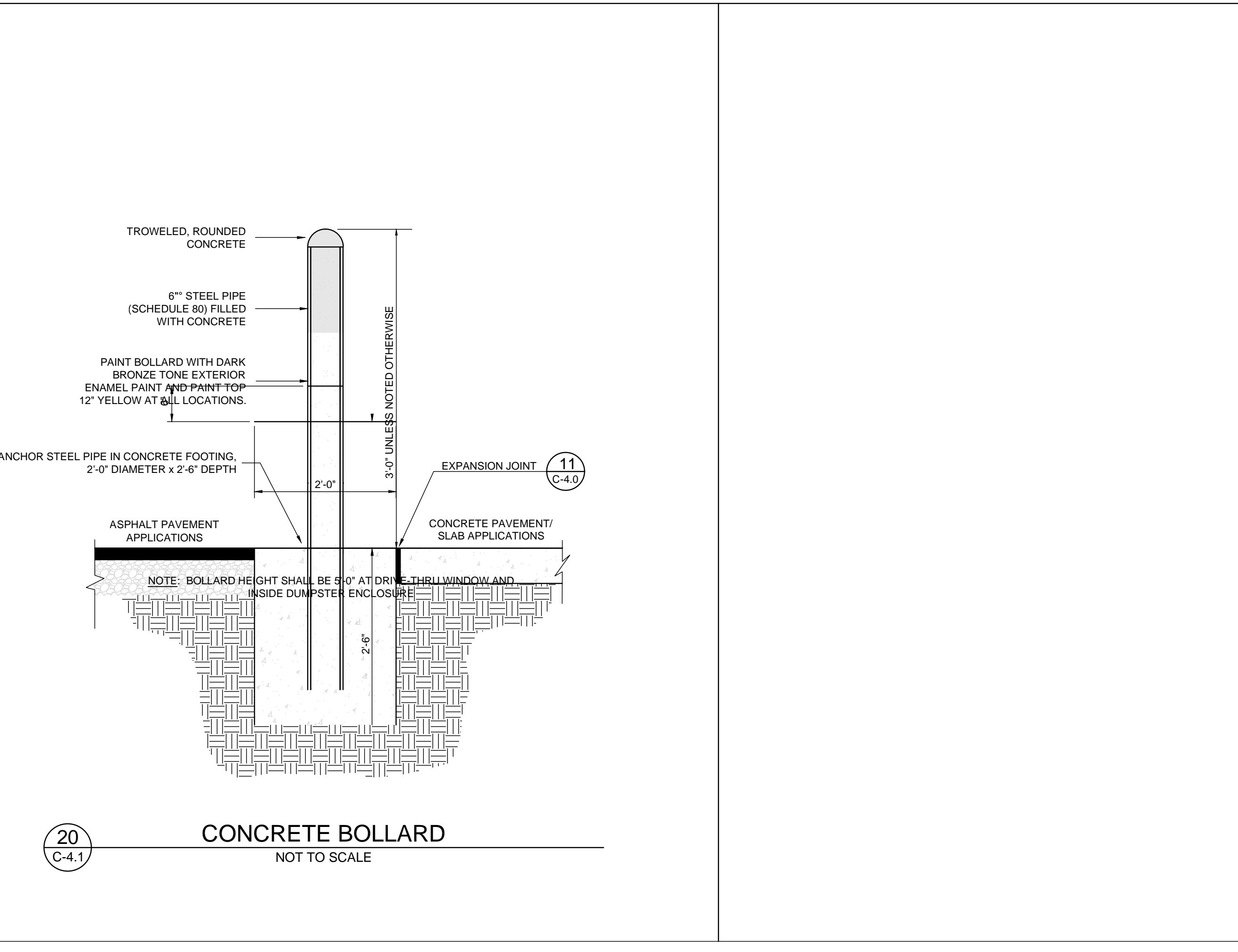
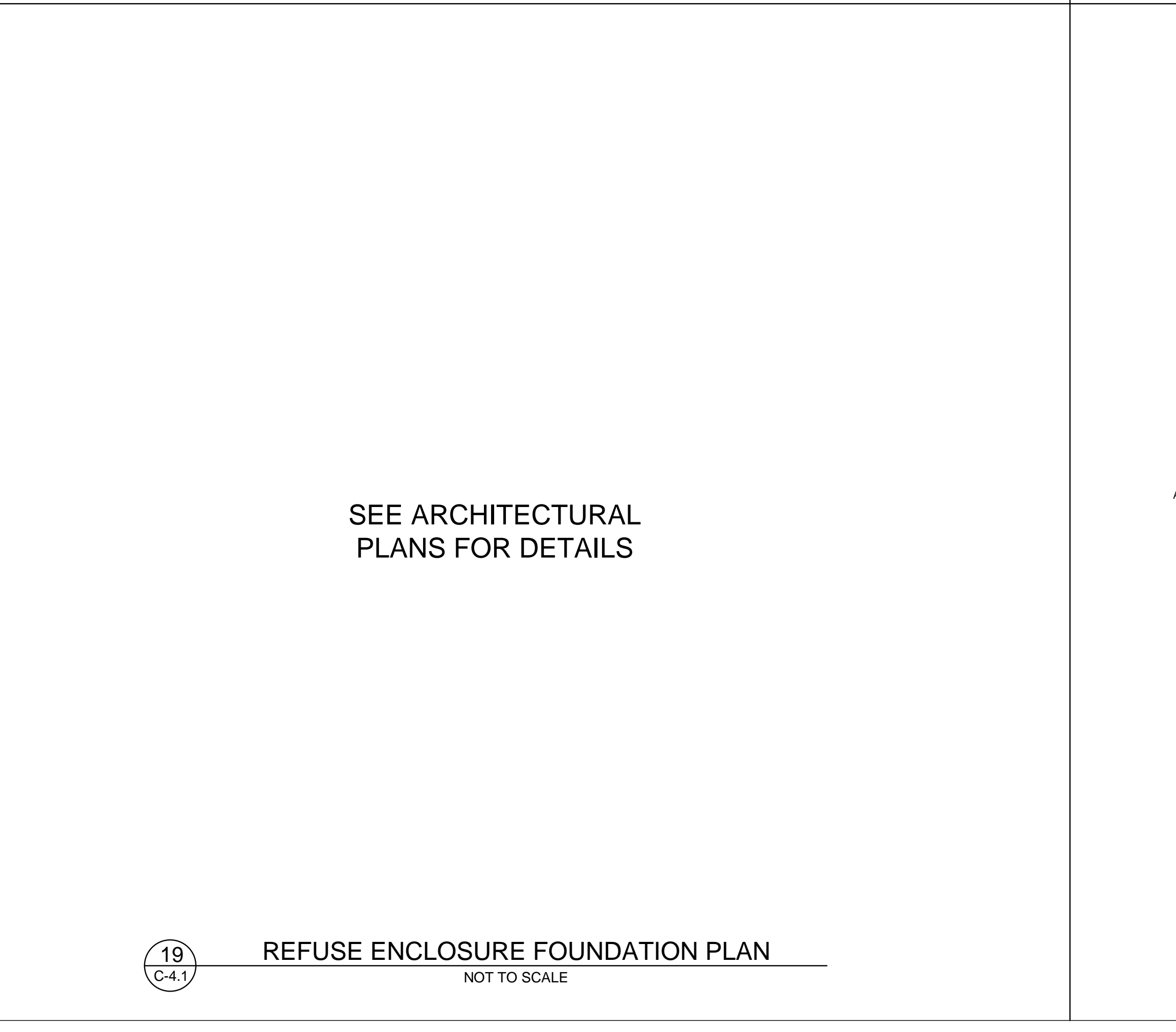
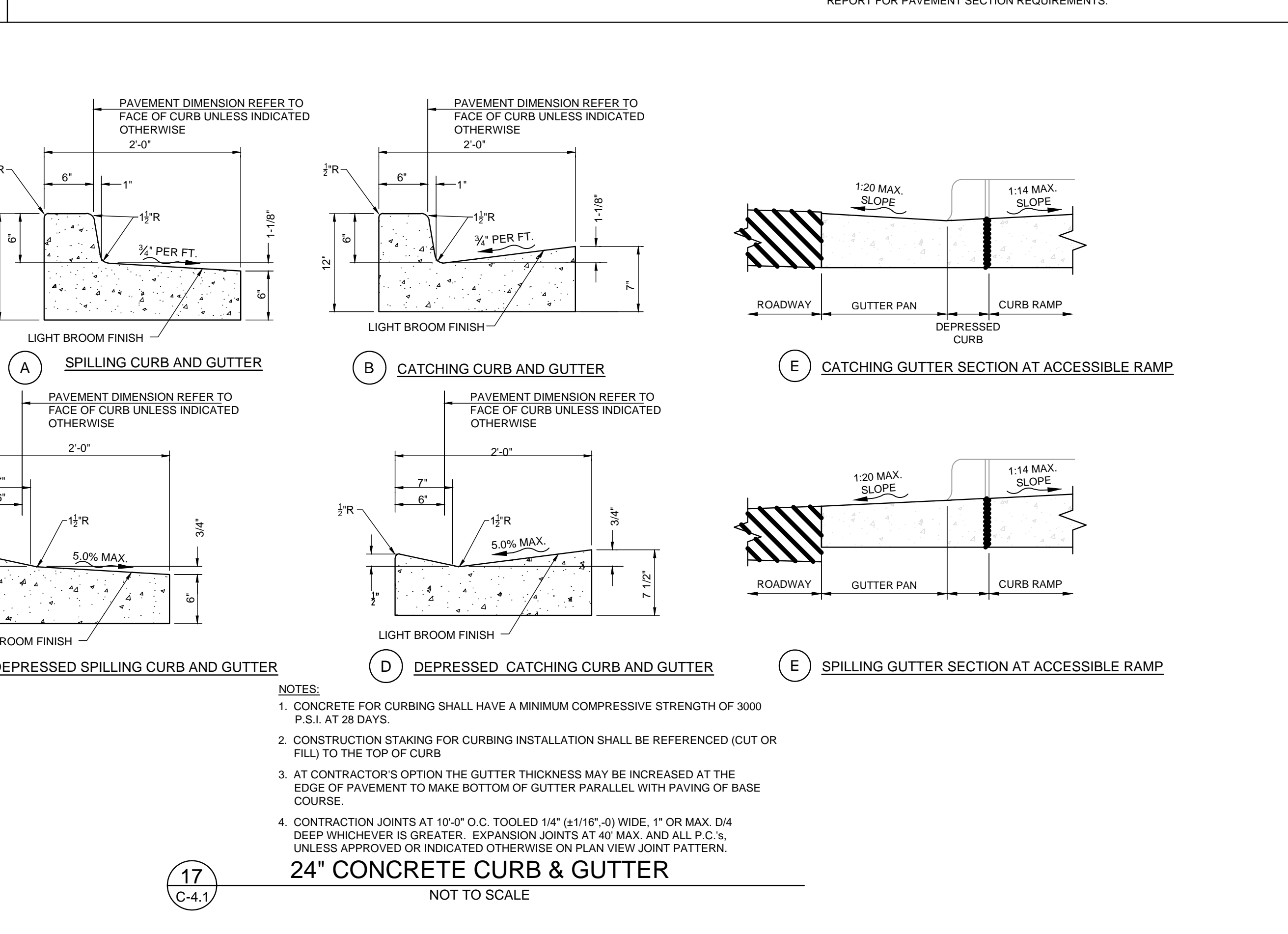
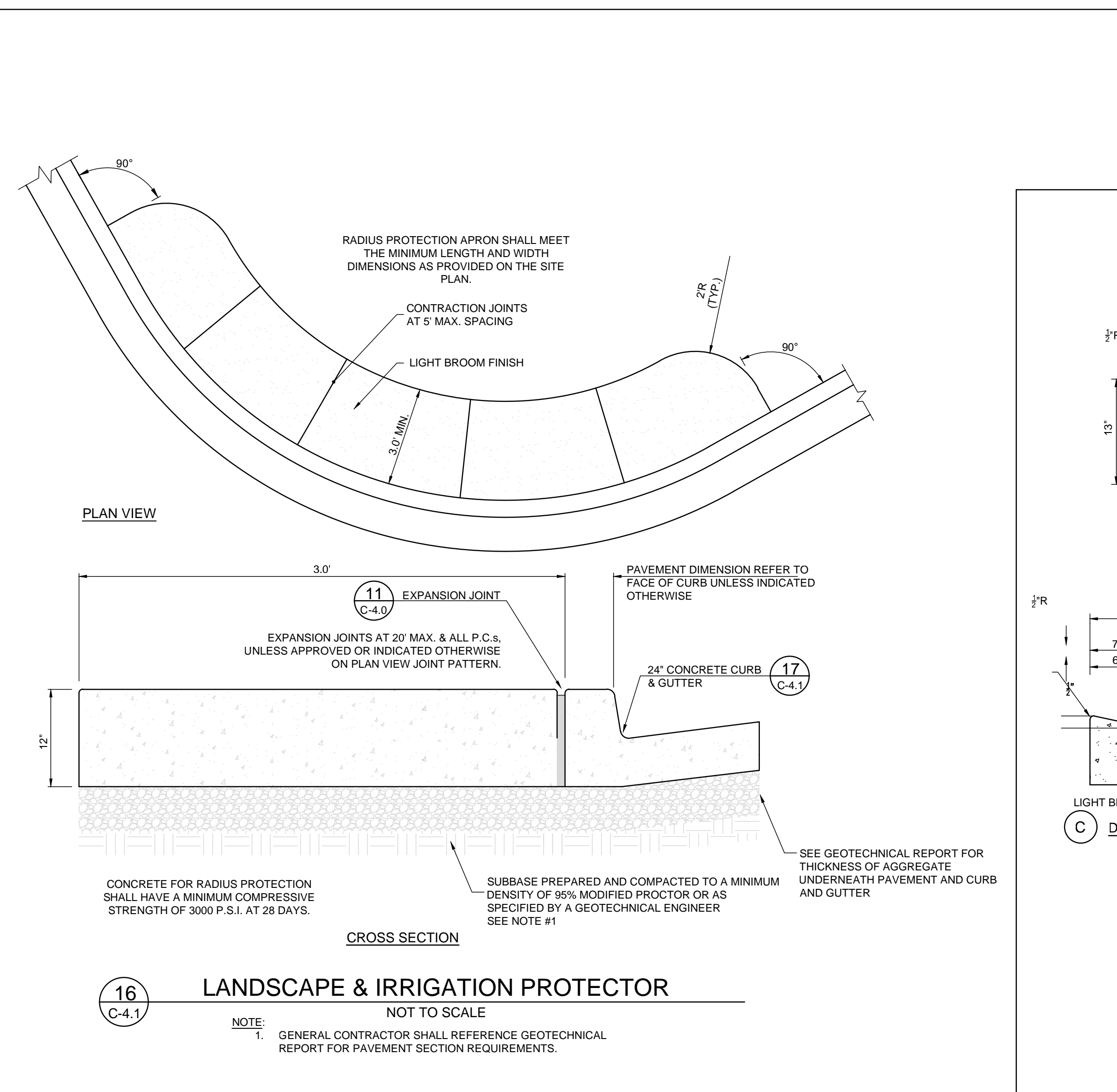
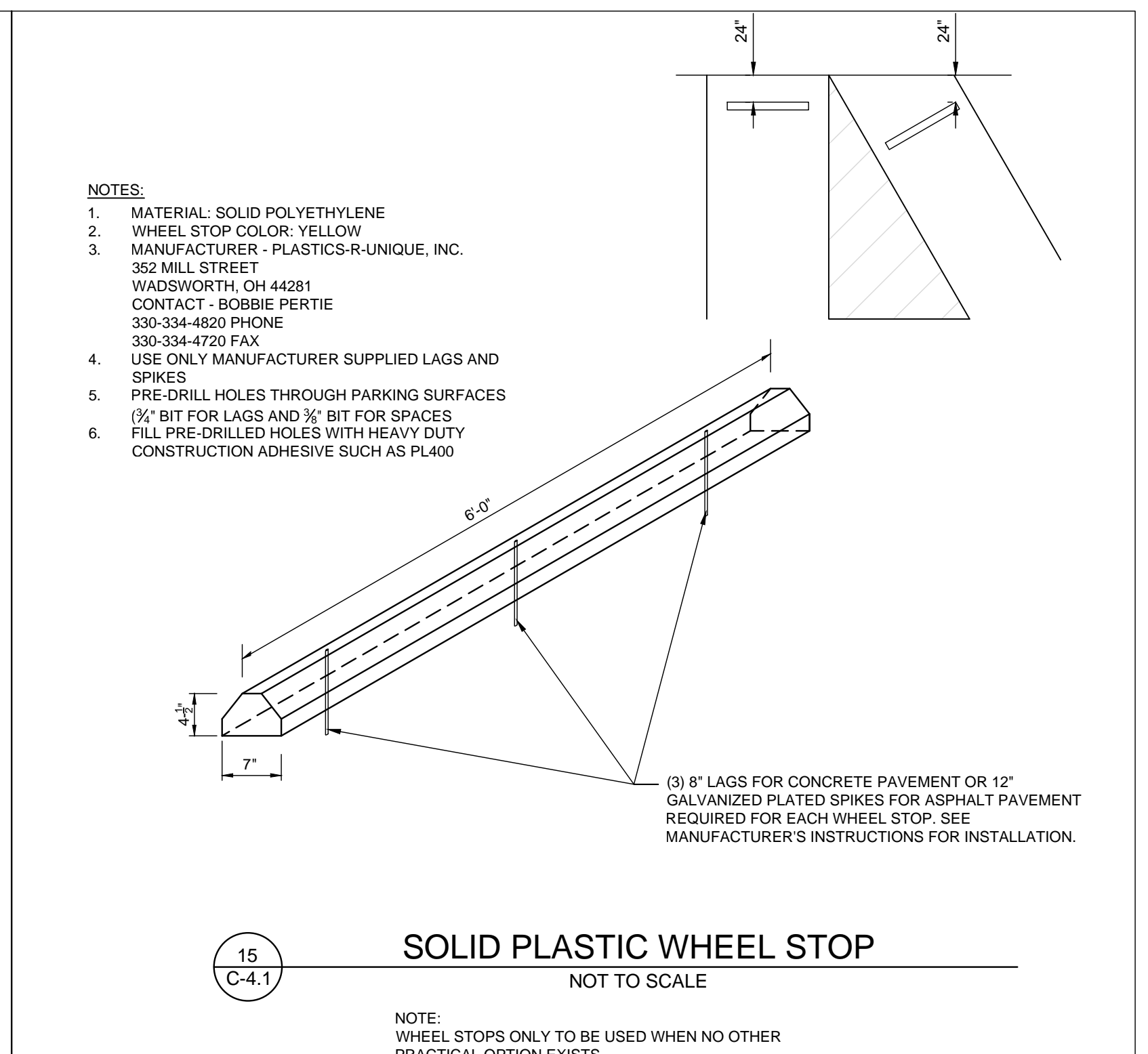
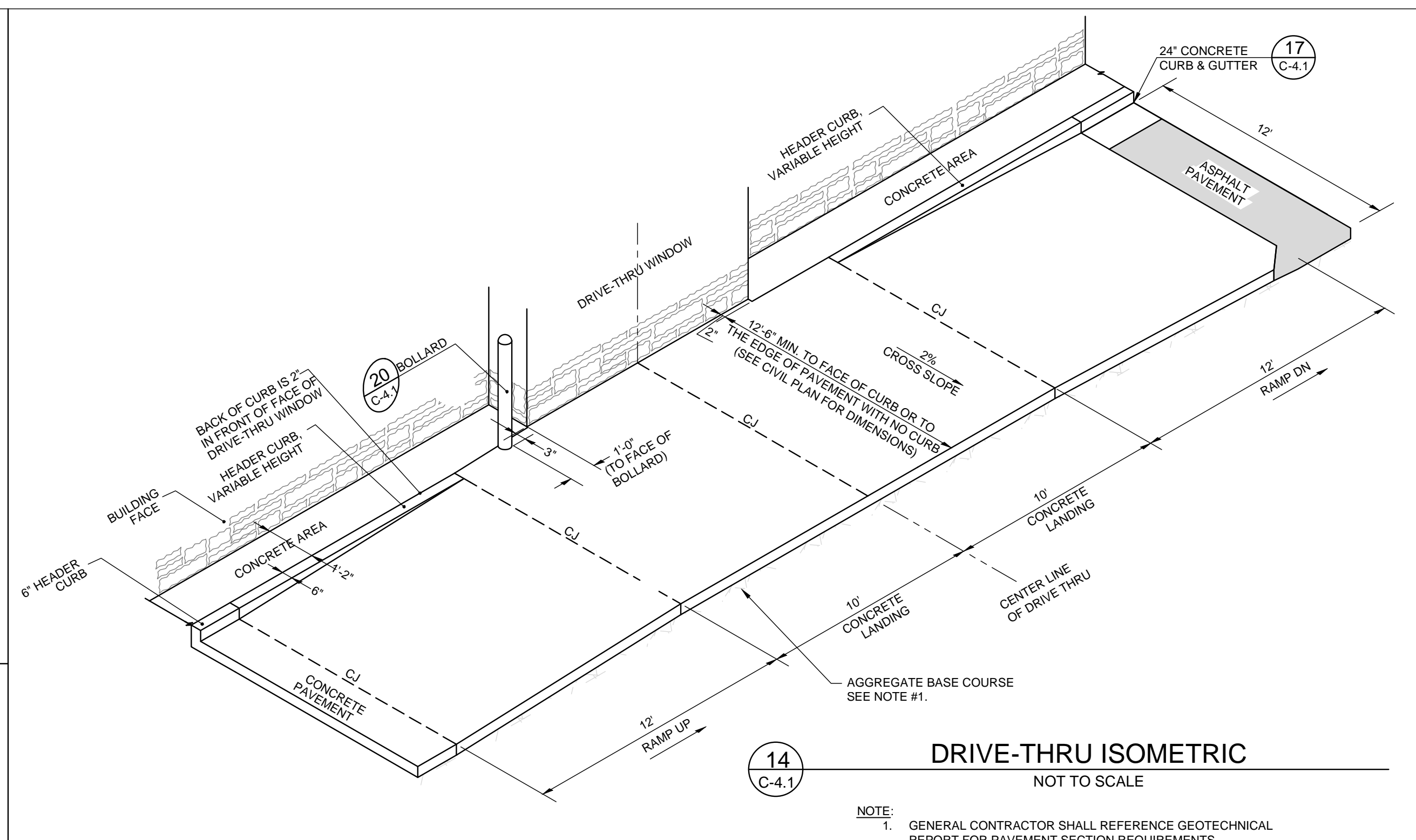
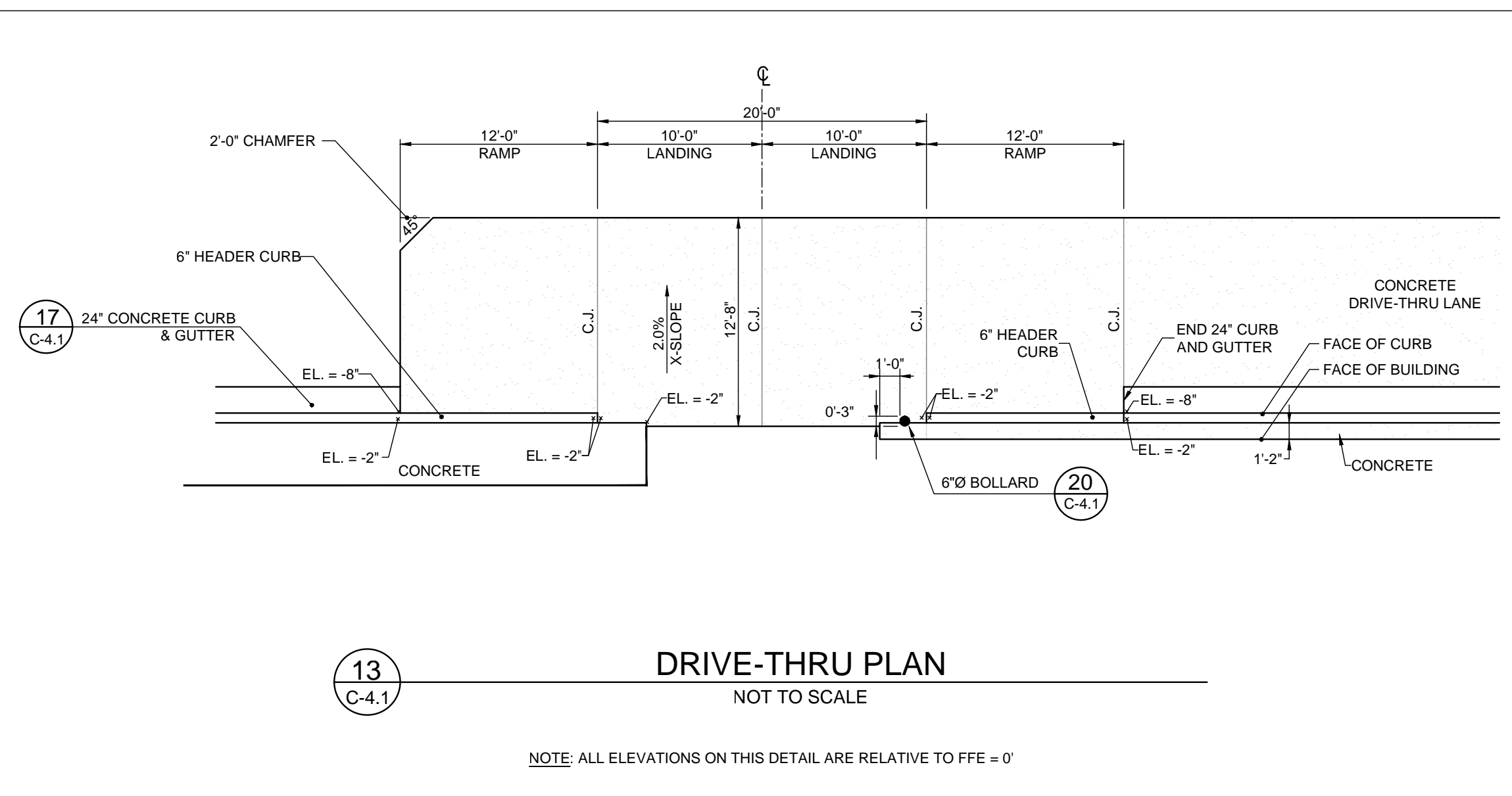
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CHICK-FIL-A SITE DETAILS

SHEET NUMBER

C-4.0



NOTES:

- MATERIAL: SOLID POLYETHYLENE
- WHEEL STOP COLOR: YELLOW
- MANUFACTURER - PLASTICS-R-UNIQUE, INC. 362 MILL STREET WADSWORTH, OH 44281 330-334-4820 PHONE 330-334-4720 FAX
- USE ONLY MANUFACTURER SUPPLIED LAGS AND SPIKES
- PRE-DRILL HOLES THROUGH PARKING SURFACES (1/2\"/>

NOTE:
WHEEL STOPS ONLY TO BE USED WHEN NO OTHER PRACTICAL OPTION EXISTS

NOTE: ALL ELEVATIONS ON THIS DETAIL ARE RELATIVE TO FFE = 0'

NOTE: GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

NOTE: CONCRETE FOR CURBING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.

NOTE: CONSTRUCTION STAKING FOR CURBING INSTALLATION SHALL BE REFERENCED (CUT OR FILL) TO THE TOP OF CURB.

NOTE: AT CONTRACTOR'S OPTION THE GUTTER THICKNESS MAY BE INCREASED AT THE EDGE OF PAVEMENT TO MAKE BOTTOM OF GUTTER PARALLEL WITH PAVING OF BASE COURSE.

NOTE: CONTRACTION JOINTS AT 10'-0\"/>

NOTE: GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

NOTE: WHEEL STOPS ONLY TO BE USED WHEN NO OTHER PRACTICAL OPTION EXISTS

NOTE: GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

NOTE: SUBBASE PREPARED AND COMPACTED TO A MINIMUM DENSITY OF 96% MODIFIED PROCTOR OR AS SPECIFIED BY A GEOTECHNICAL ENGINEER. SEE NOTE #1

NOTE: CONCRETE FOR RADIUS PROTECTION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.

NOTE: EXPANSION JOINTS AT 20' MAX. & ALL P.C.s. UNLESS APPROVED OR INDICATED OTHERWISE ON PLAN VIEW JOINT PATTERN.

NOTE: RADIUS PROTECTION APRON SHALL MEET THE MINIMUM LENGTH AND WIDTH DIMENSIONS AS PROVIDED ON THE SITE PLAN.

NOTE: CONTRACTION JOINTS AT 5' MAX. SPACING

NOTE: LIGHT BROOM FINISH

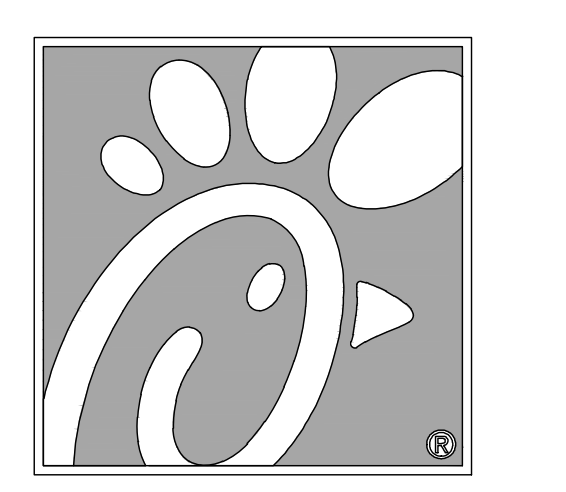
NOTE: 3.0\"/>

NOTE: CONCRETE FOR CURBING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.

NOTE: CONSTRUCTION STAKING FOR CURBING INSTALLATION SHALL BE REFERENCED (CUT OR FILL) TO THE TOP OF CURB.

NOTE: AT CONTRACTOR'S OPTION THE GUTTER THICKNESS MAY BE INCREASED AT THE EDGE OF PAVEMENT TO MAKE BOTTOM OF GUTTER PARALLEL WITH PAVING OF BASE COURSE.

NOTE: CONTRACTION JOINTS AT 10'-0\"/>



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WILLIAM PFEFFER, P.E.
LICENSE NO. 730558
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRG COMMENTS

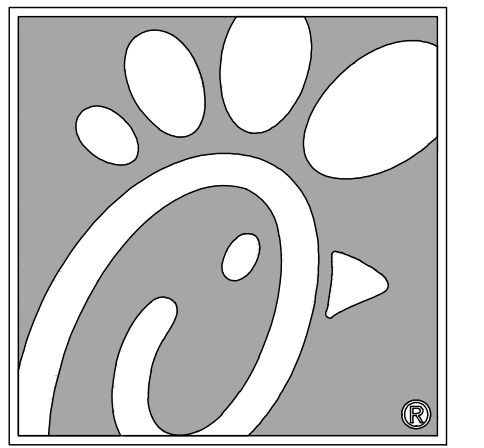
CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
DRAWN BY	RM

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SHEET CHICK-FIL-A SITE DETAILS

SHEET NUMBER **C-4.1**

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIFICATIONS, IS HEREBY REFERRED TO AS THE "CONTRACT". ANY AND ALL AMENDMENTS, ADDITIONS, DELETIONS, OR CHANGES TO THIS DOCUMENT SHALL BE MADE IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



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10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

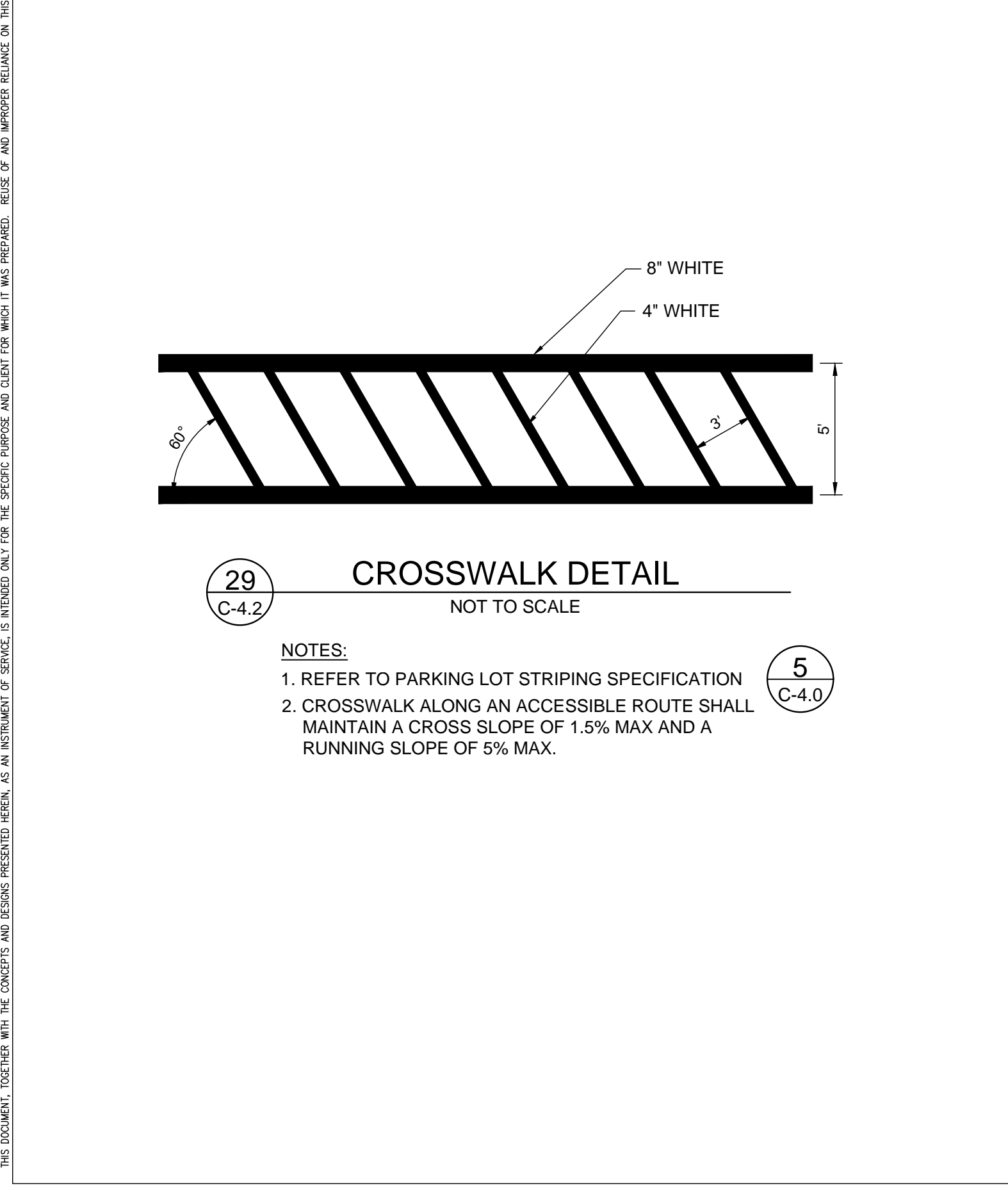
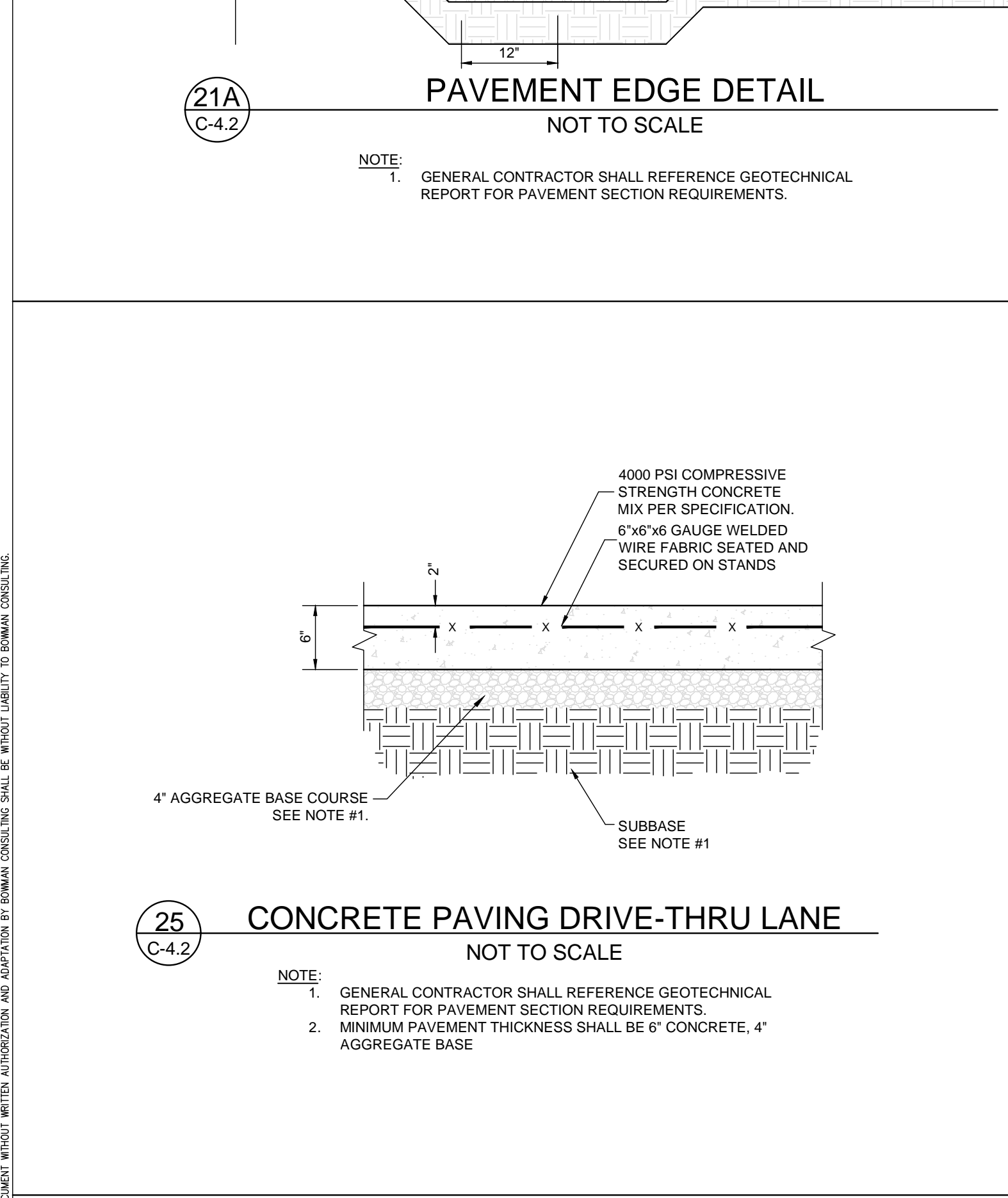
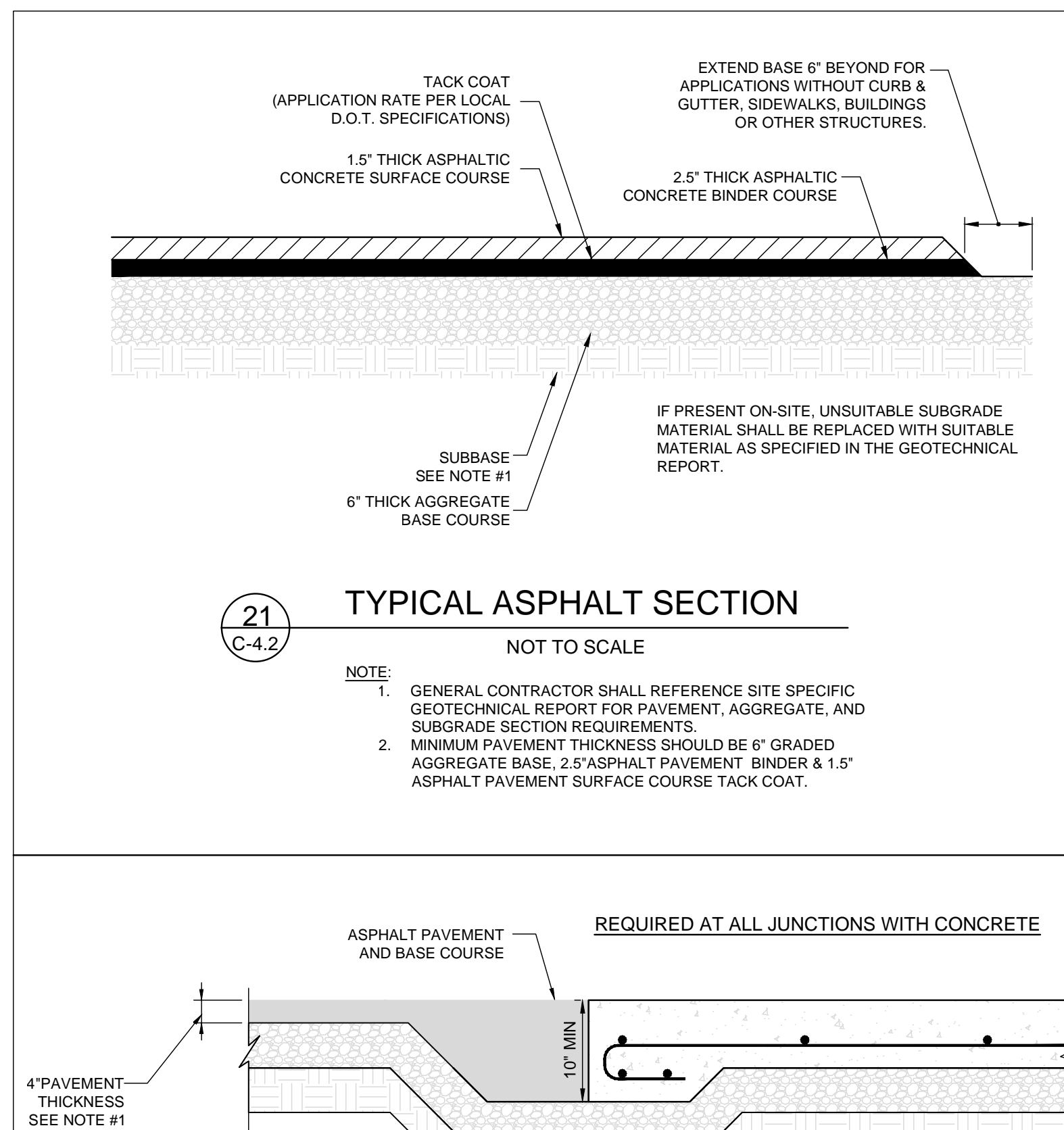
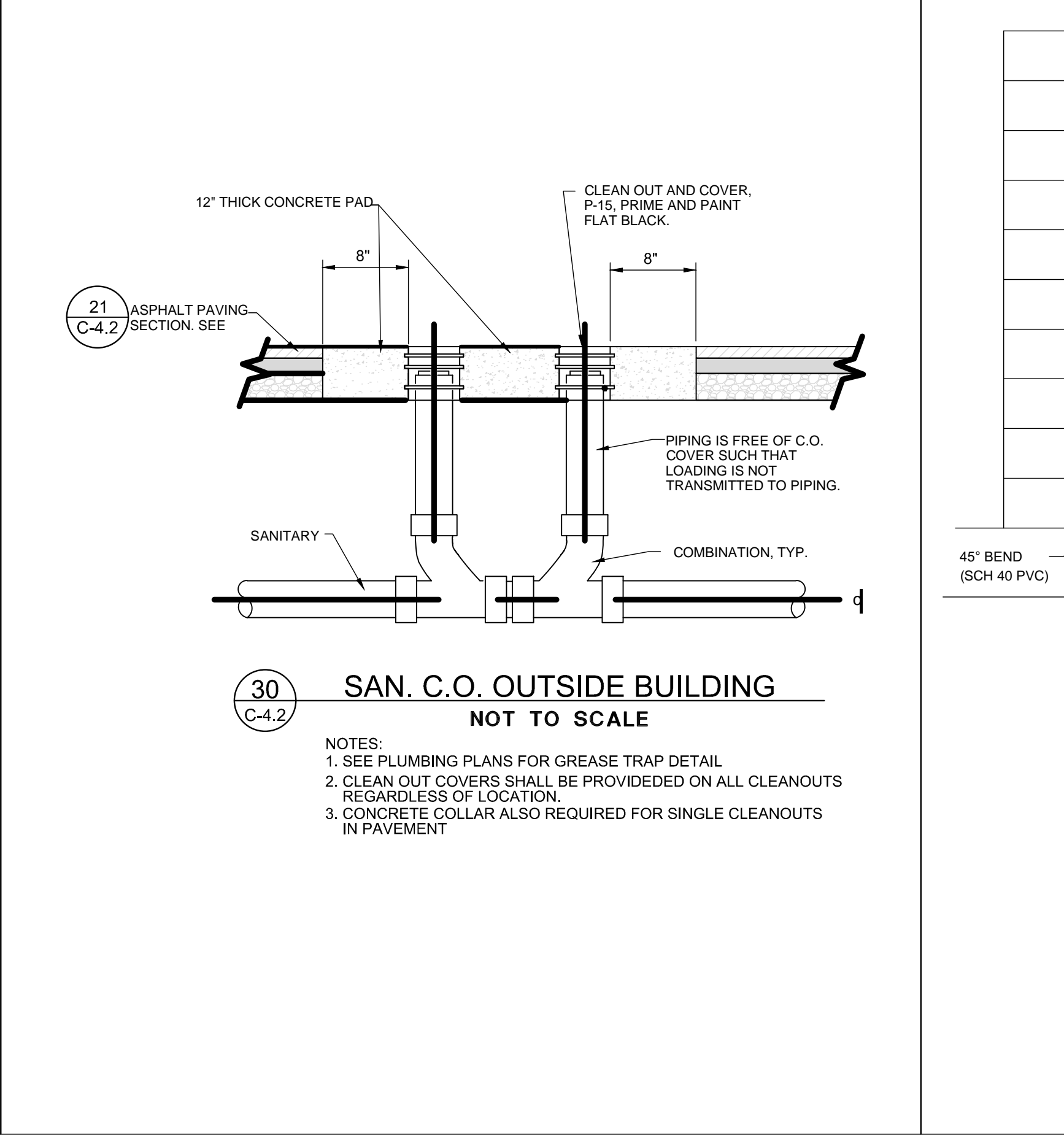
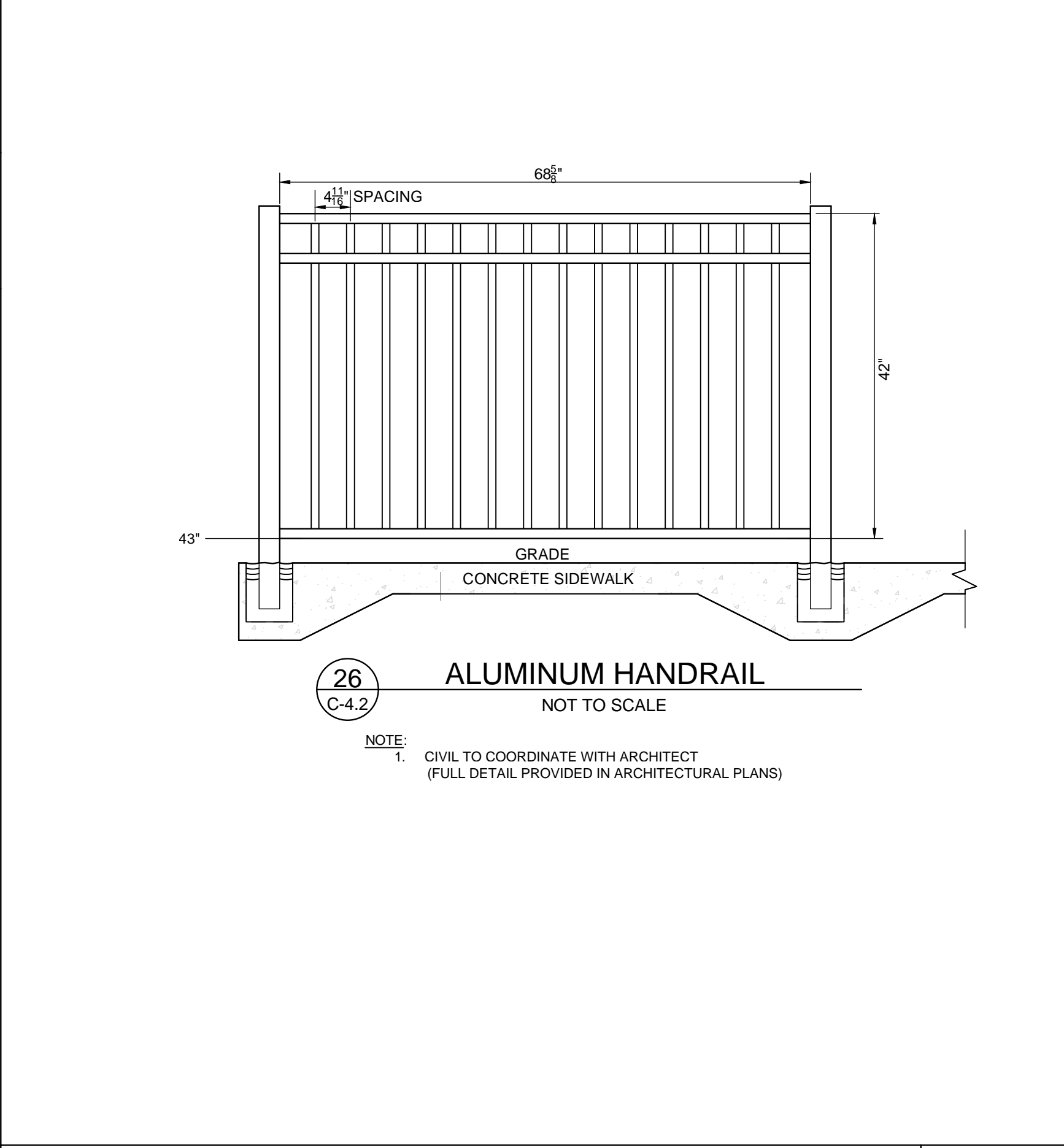
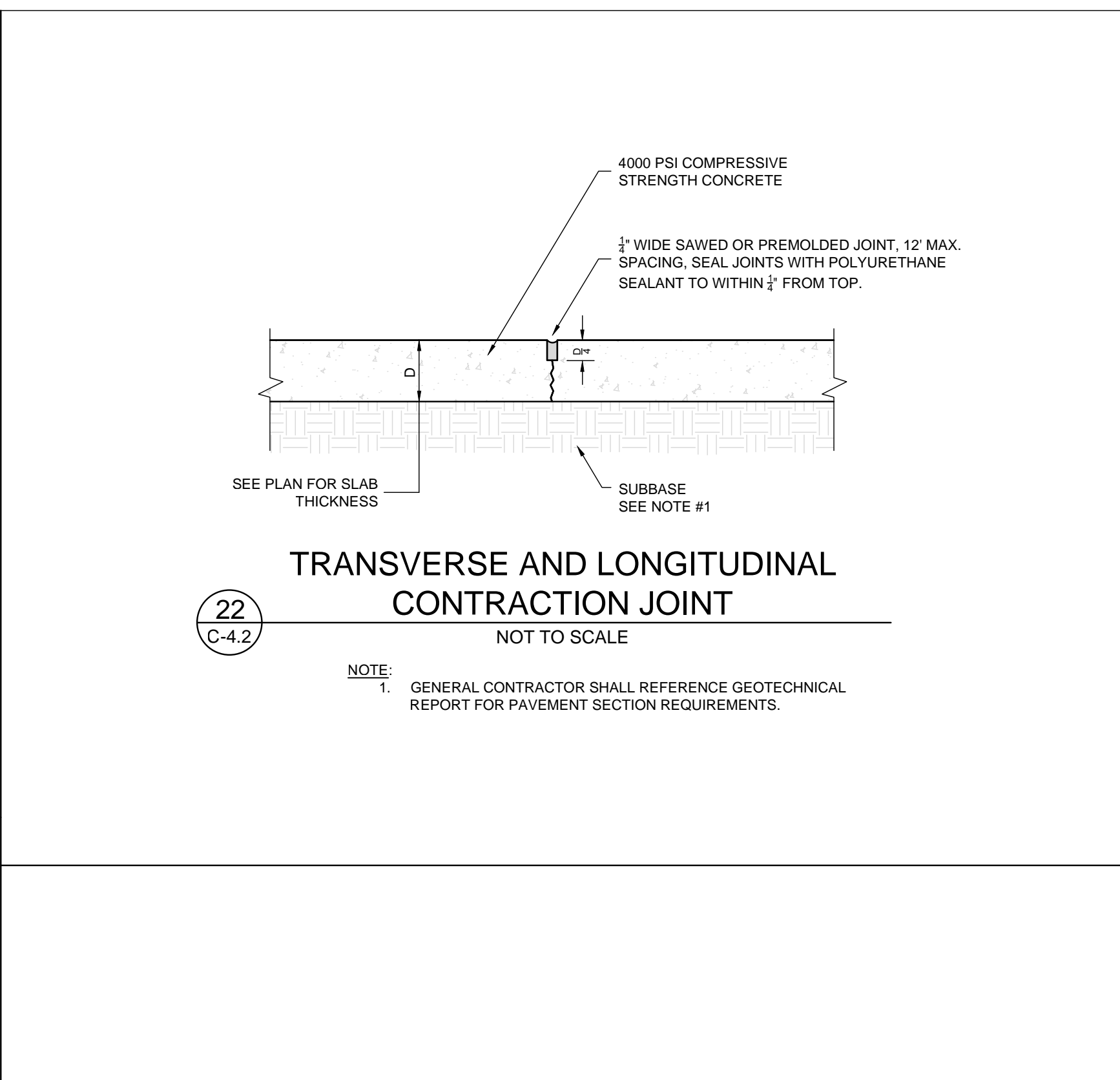
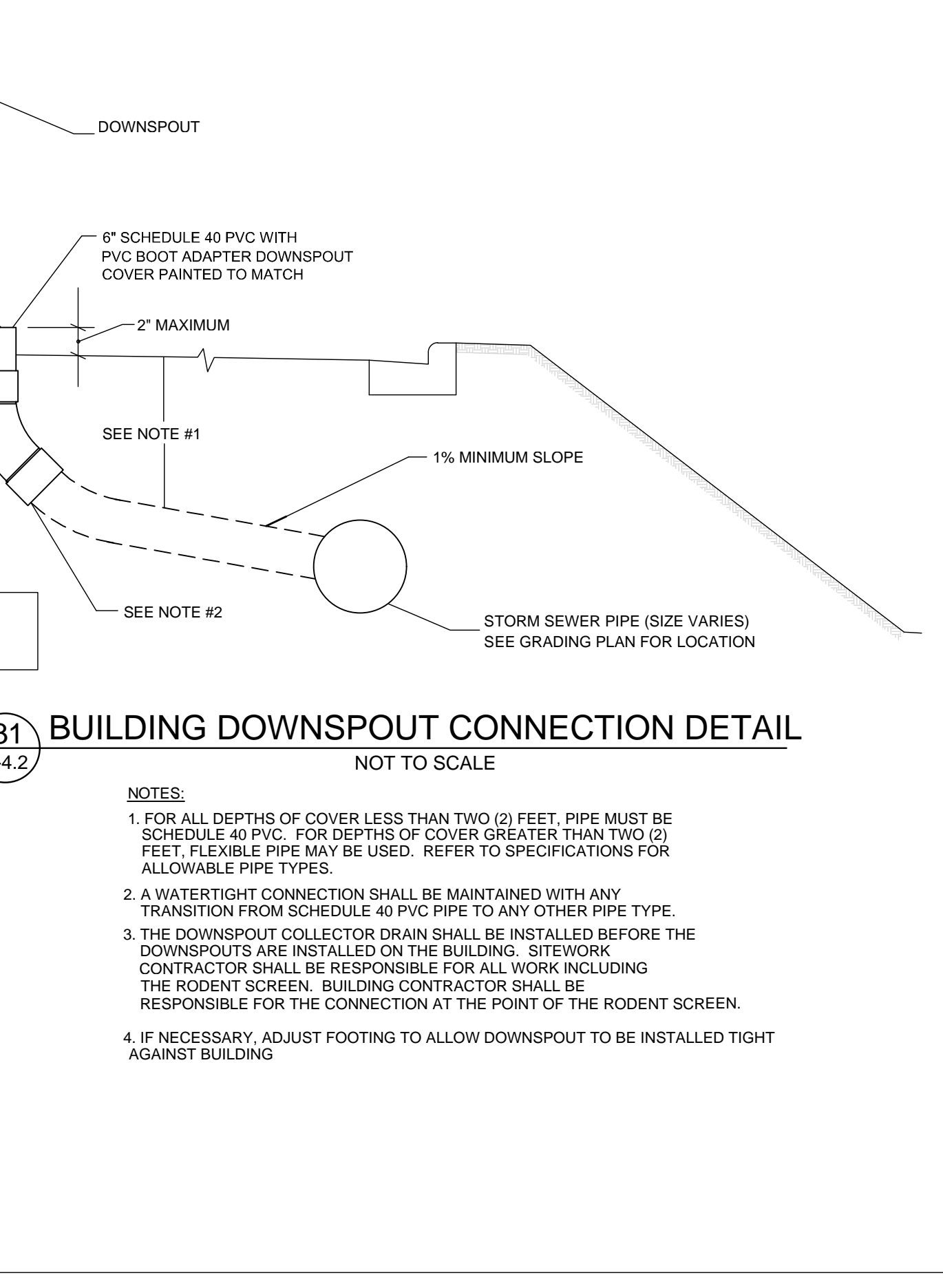
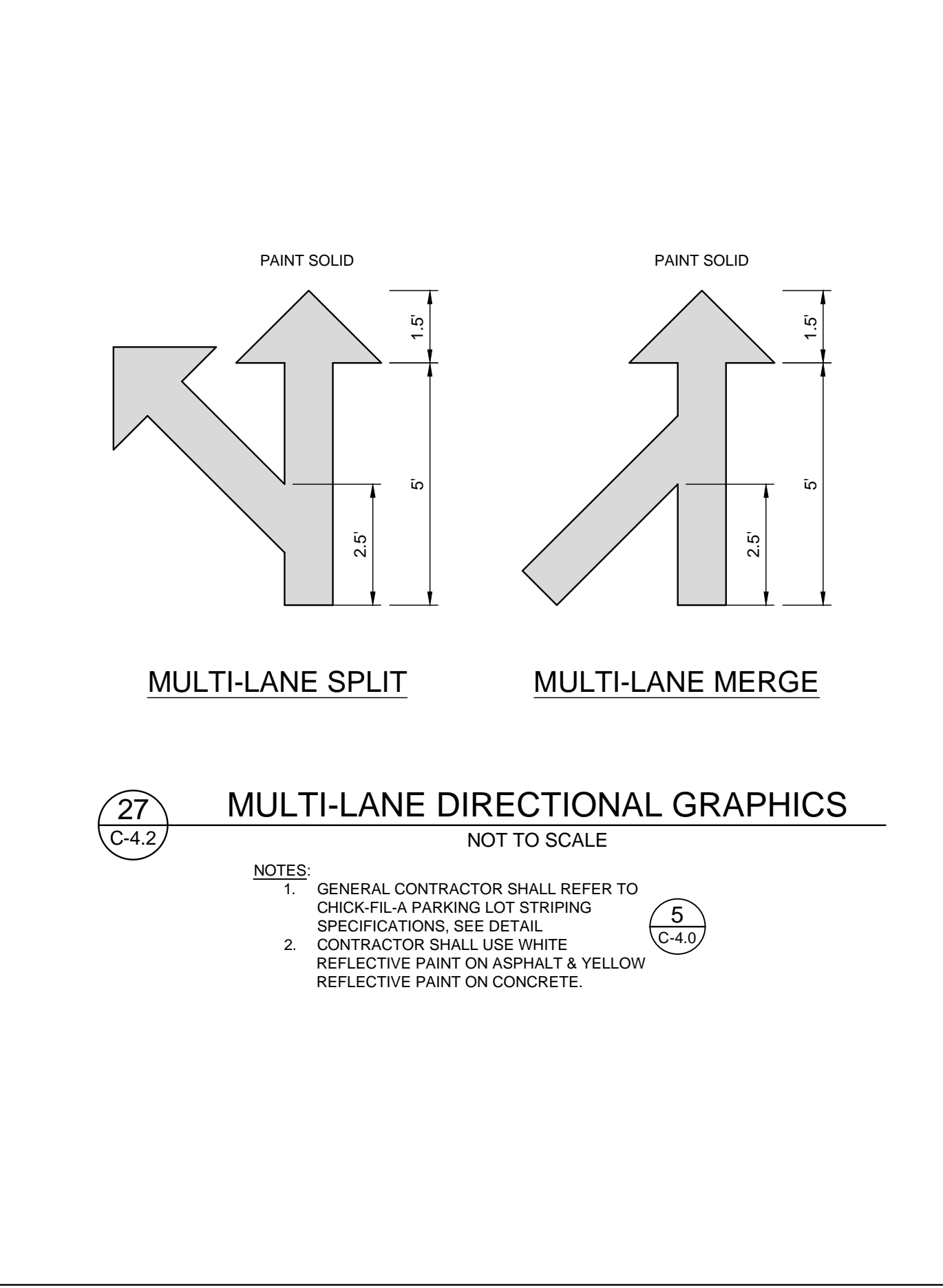
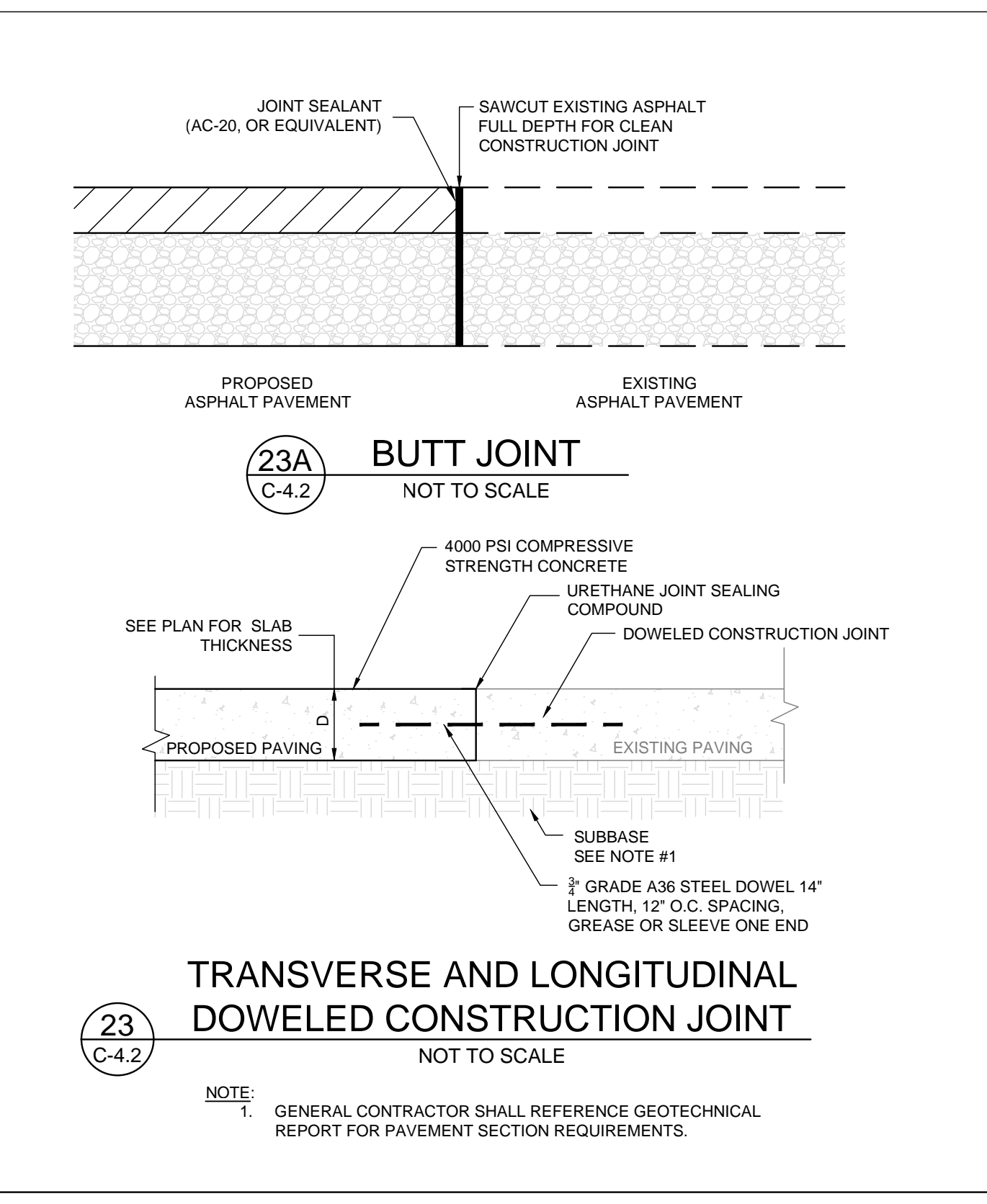
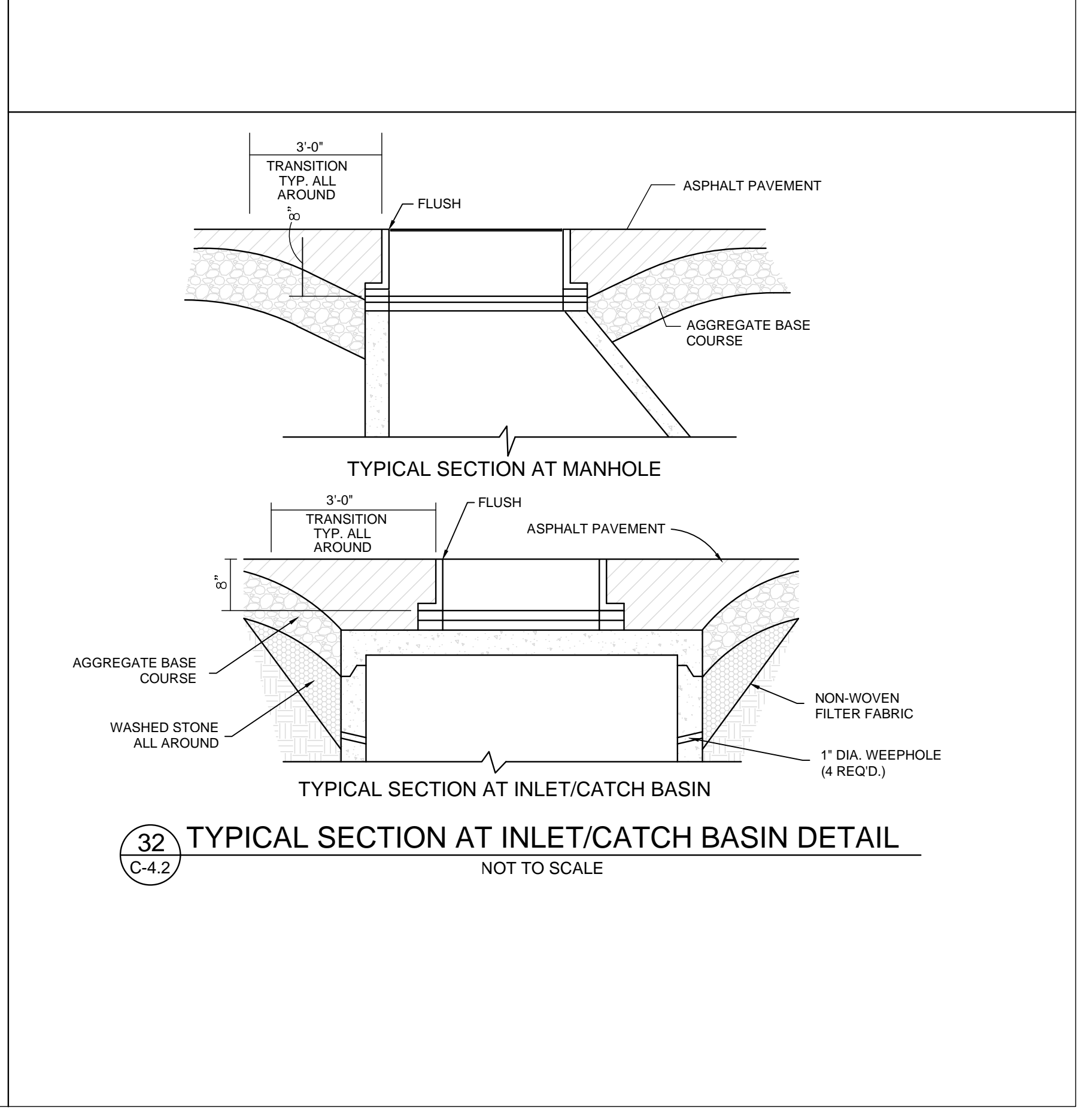
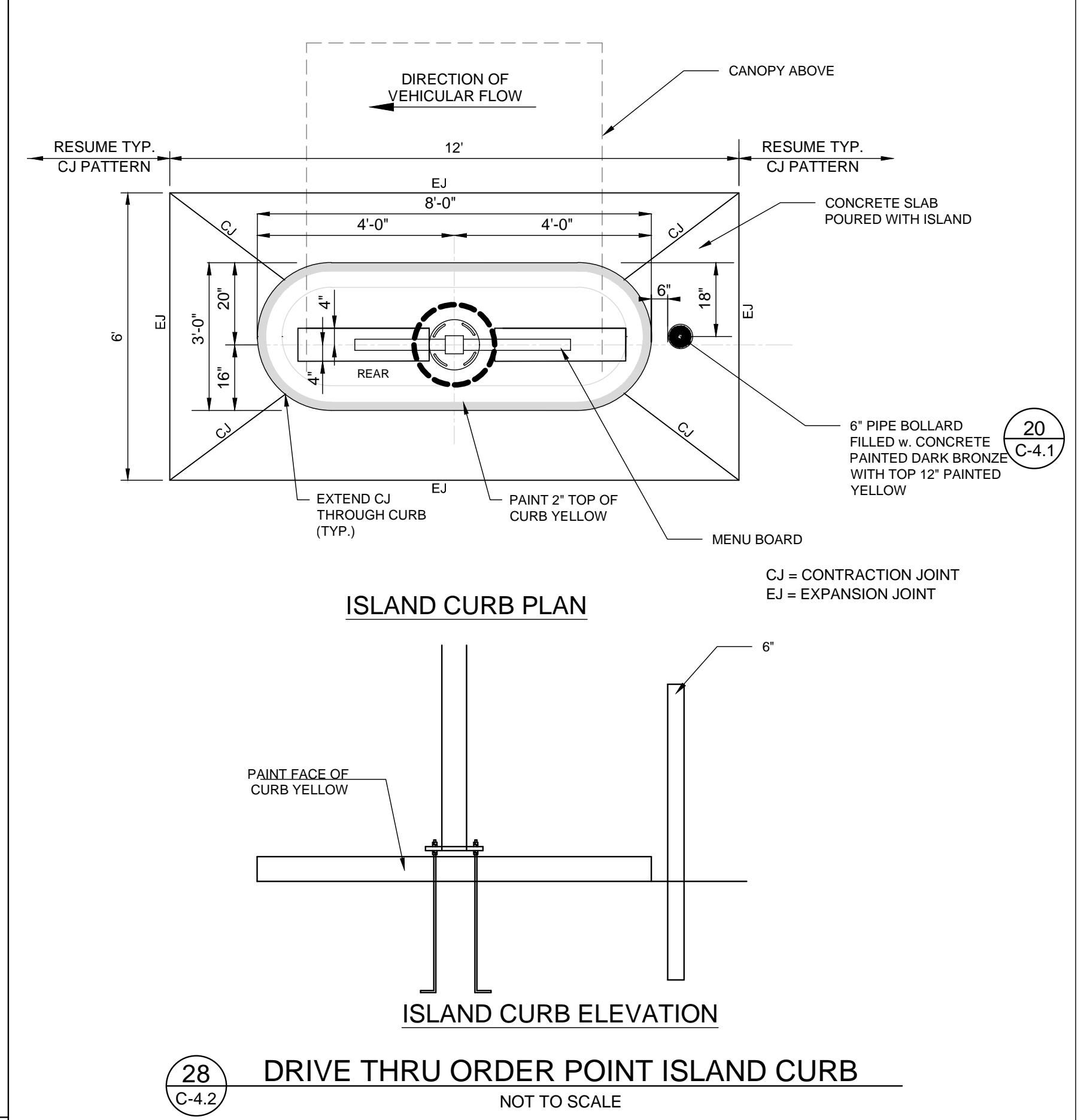
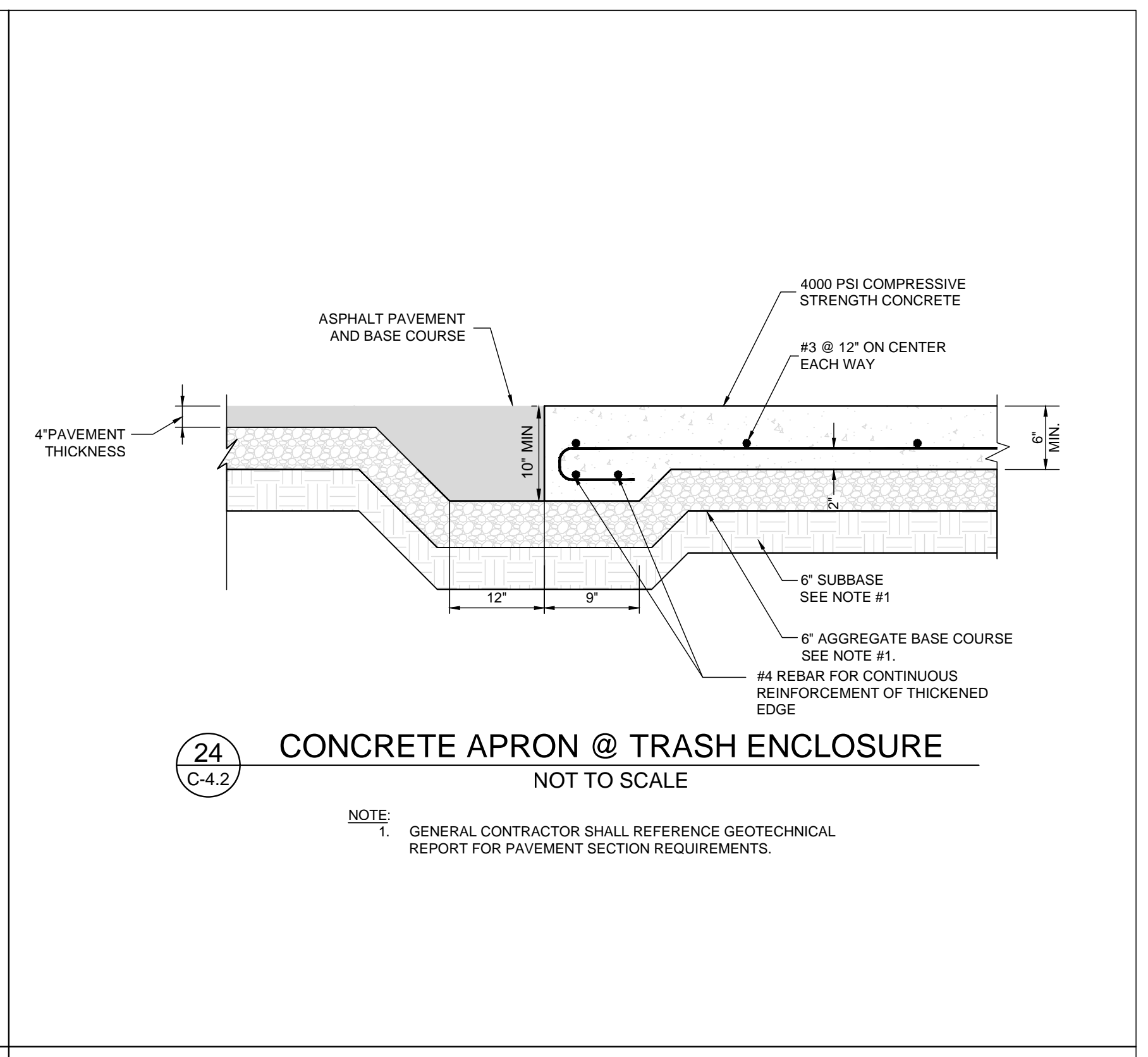
REVISION SCHEDULE	NO.	DATE	DESCRIPTION
	1	7/27/18	REVISED SITE PERMIT SUBMITTAL
	2	9/25/18	FDOT & DRC COMMENTS

CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
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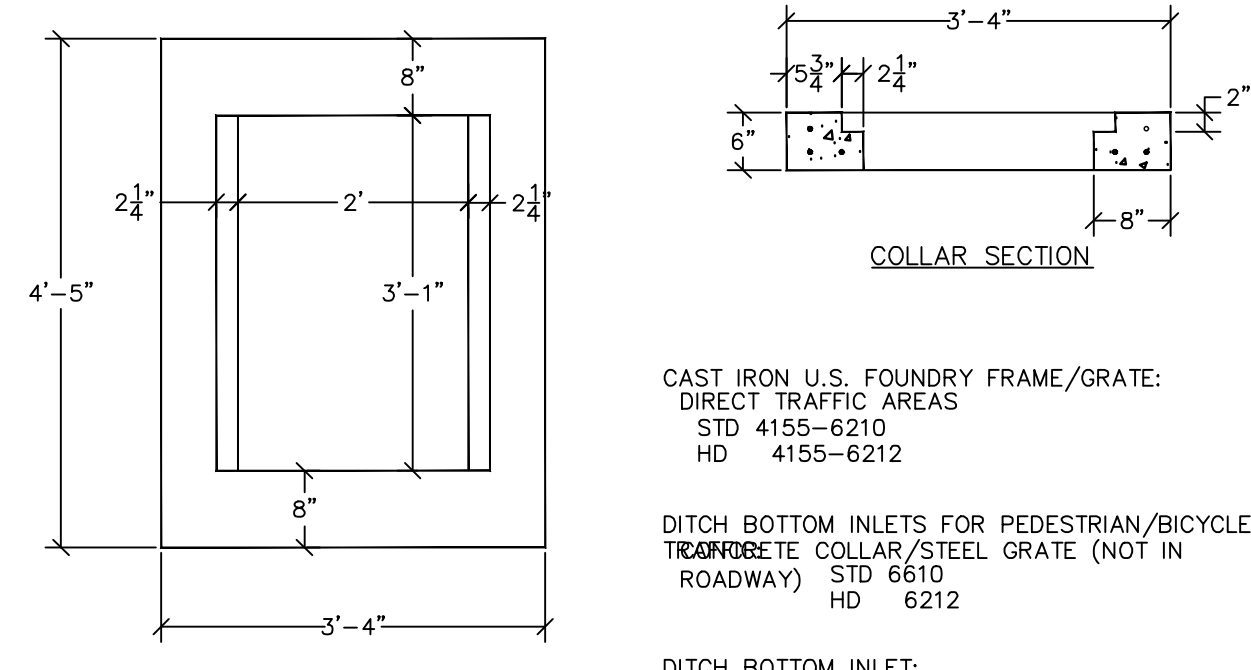
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SHEET CHICK-FIL-A SITE DETAILS

SHEET NUMBER
C-4.2



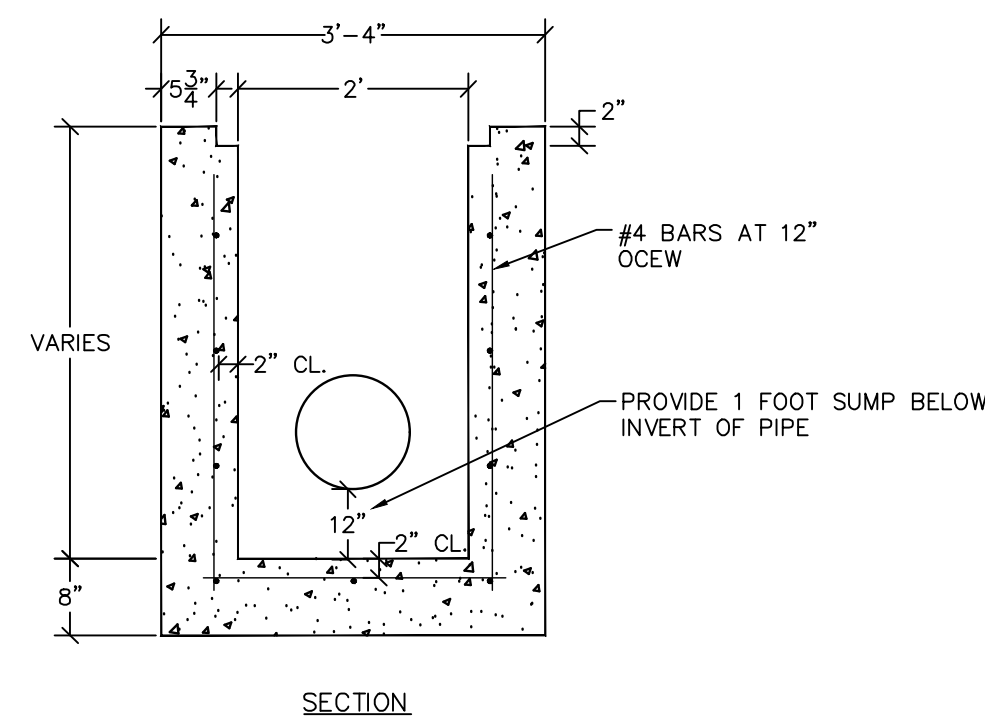
THIS DOCUMENT, TOGETHER WITH THE CONTRACT, AND EXISTING PREPARED DRAWINGS, IS INTENDED TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND SHALL BE USED IN FULL. IT IS HEREBY ADVISED THAT THE USER OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ASSUMPTION OF BOWMAN CONSULTING SHALL BE RESPONSIBLE TO BOWMAN CONSULTING.



CAST IRON U.S. FOUNDRY FRAME/GRATE:
DIRECT TRAFFIC AREAS
STD 4155-6210
HD 4155-6212

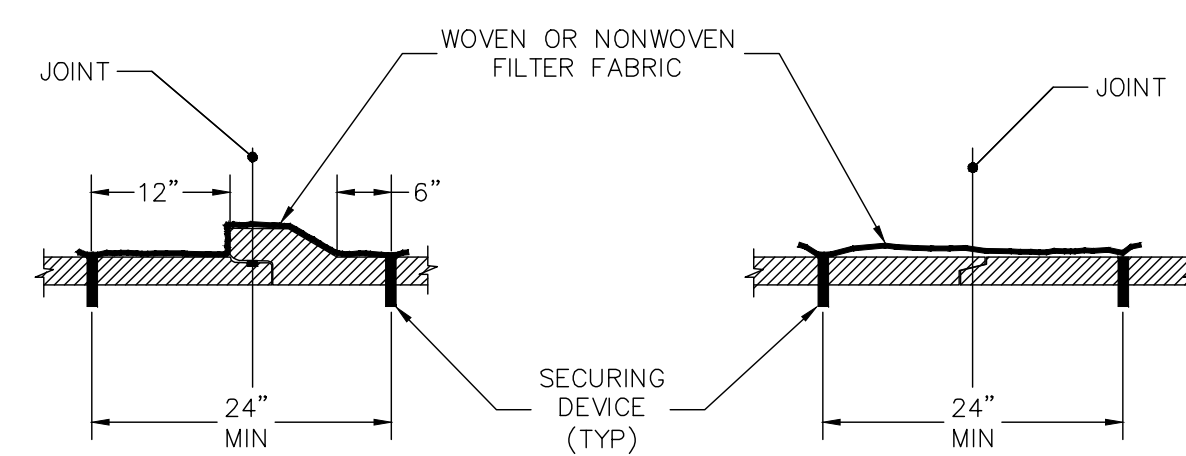
DITCH BOTTOM INLETS FOR PEDESTRIAN/BICYCLE
TRAFFIC AREAS:
CONCRETE COLLAR/STEEL GRATE (NOT IN
ROADWAY) STD 6610
HD 6212

DITCH BOTTOM INLET:
CONCRETE COLLAR/STEEL GRATE (NOT IN
ROADWAY) STD 6210
HD 6611



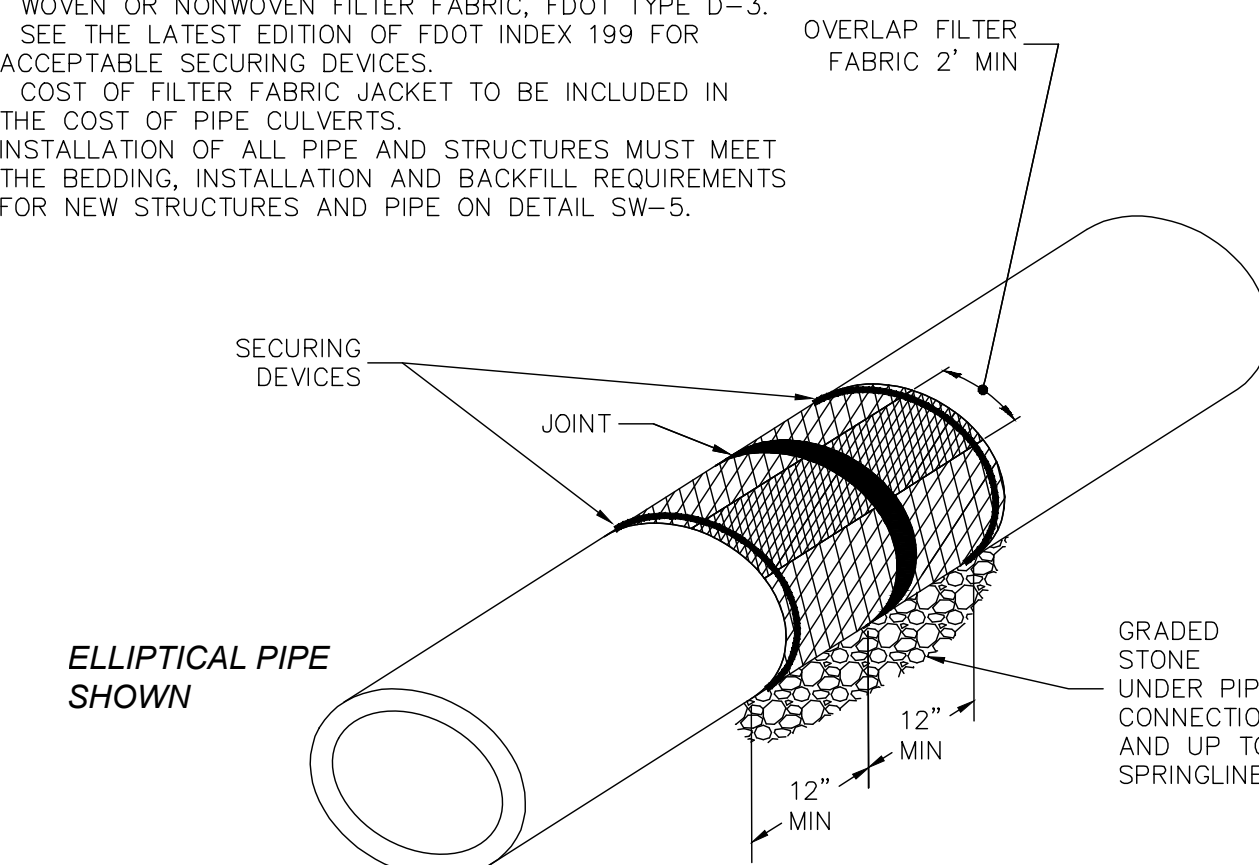
- NOTES:
- DISTANCES BETWEEN STRUCTURES SHALL NOT EXCEED 300 FEET FOR PIPES LESS THAN 24" IN DIAMETER.
 - DISTANCES BETWEEN INLET STRUCTURES SHALL NOT EXCEED 400 FEET FOR PIPES 24" DIAMETER OR LARGER.
 - METAL FRAME AND GRATE SHALL BE USED IN ASPHALT AND CONCRETE AREAS. ROUND BOTTOMS MAY BE USED.
 - INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

1 TYPE C INLET
C-5.0 NOT TO SCALE



PIPE SECTIONS

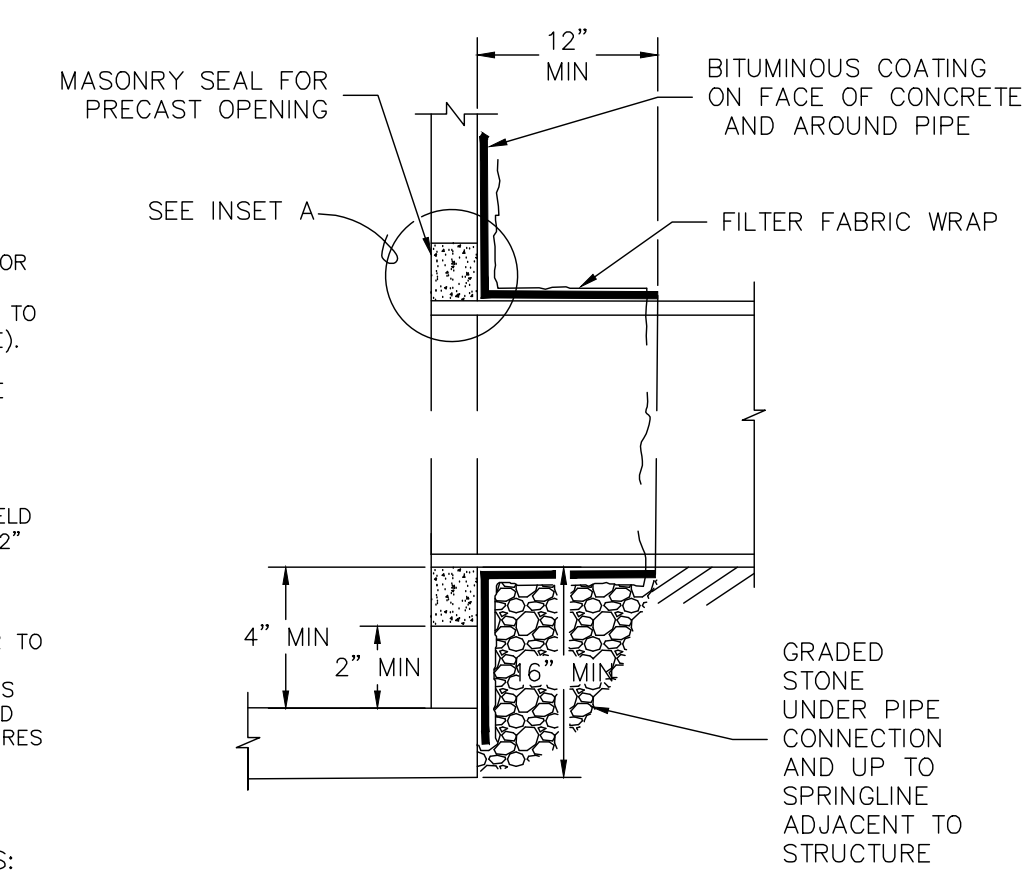
- NOTE:
- SECURING DEVICES MAY BE ELIMINATED BY DOUBLE WRAPPING PIPE WITH FILTER FABRIC.
 - FOR ALL PIPE TYPES - CONCRETE PIPE SHOWN.
 - WOVEN OR NONWOVEN FILTER FABRIC, FDOT TYPE D-3.
 - SEE THE LATEST EDITION OF FDOT INDEX 199 FOR ACCEPTABLE SECURING DEVICES.
 - COST OF FILTER FABRIC JACKET TO BE INCLUDED IN THE COST OF PIPE CULVERTS.
 - INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.



2 FILTER FABRIC FOR STORM PIPE
C-5.0 NOT TO SCALE

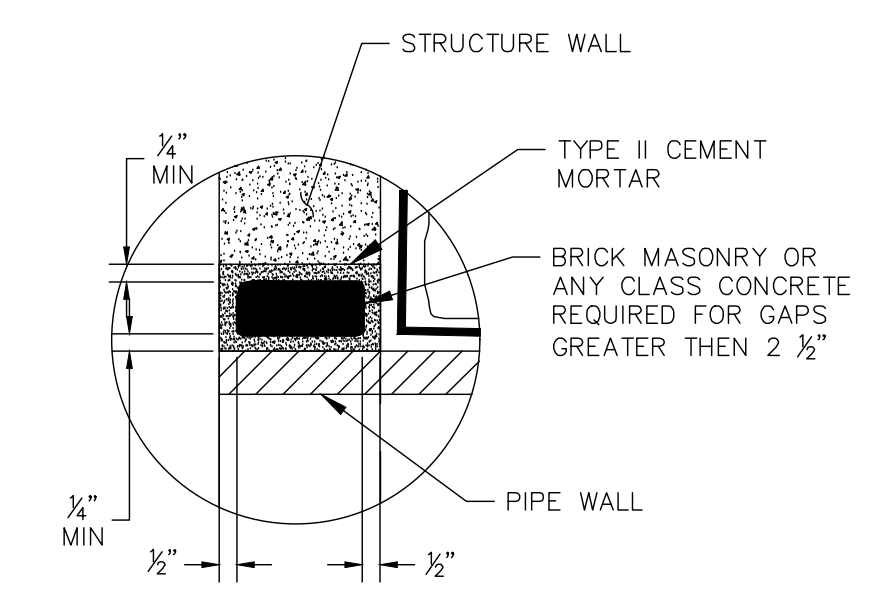
THIS DETAIL COVERS ALL PIPE CONNECTIONS TO STRUCTURES.

- NEW PIPE CONNECTION NOTES:
- CONNECTION SHALL BE MADE IN A DRY TRENCH.
 - EXISTING STRUCTURES SHALL BE CURED FOR NEW PIPE CONNECTIONS.
 - PIPE BEDDING AT CONNECTION TO BE 1/2" TO 3/4" GRADED STONE (100% PASSING 1" SIEVE).
 - BACKFILL (6" MAX. SIZE) MATERIAL TO BE PLACED AND COMPACTED PER APPROPRIATE SPEC'S DEPENDING ON THE SURFACE IMPROVEMENTS OR A MINIMUM OF 50% PER AASHTO T-180.
 - BITUMINOUS COATING REQUIRED (ANY SUITABLE BITUMINOUS MATERIAL MAY BE FIELD APPLIED) BITUMINOUS COATING TO EXTEND 2" BEYOND FILTER FABRIC.
 - ALTERNATE CONNECTION AND/OR MODIFICATION TO THIS DETAIL MUST BE APPROVED BY THE TOWN OF JUPITER PRIOR TO INSTALLATION.
 - INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.



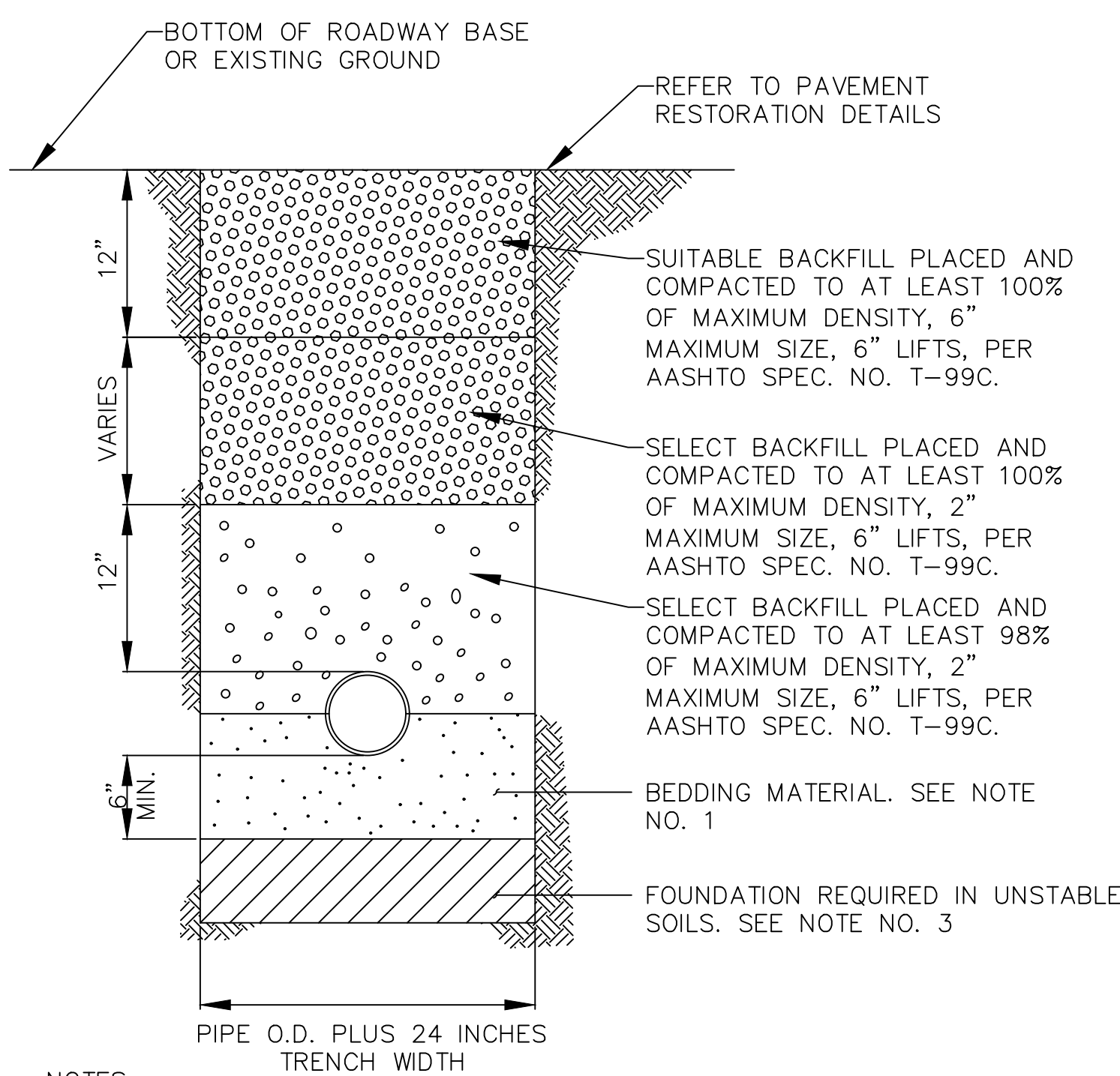
EXISTING PIPE CONNECTION REPAIR NOTES:

- CONNECTION REPAIR SHALL BE MADE IN A DRY TRENCH.
- REPAIR BOTH THE INSIDE AND OUTSIDE OF THE STRUCTURE PENETRATIONS.
- CHIP AWAY ANY LOOSE MATERIAL.
- SAW CUT OR CUT BACK THE EXTREMITIES OF THE REPAIR LOCATION TO A DEPTH OF 1/2" TO AVOID FLATHER EDGING.
- MINIMUM MUD THICKNESS FOR REPAIR IS 1/2".
- WHERE BREAKING OUT IS NOT REQUIRED, ROUGHEN THE SURFACE AND REMOVE ANY LAITANCE BY LIGHT SCABBING OR ABRASIVE BLASTING.
- CLEAN SURFACE TO REMOVE ANY DUST, UNDESIRABLE OR CONTAMINATED MATERIAL, PLASTER, PAINT, OIL, GREASE, CORROSION DEPOSITS OR ALGAE.
- APPLY THOROC L440 OR APPROVED EQUAL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALTERNATE CONNECTION AND/OR MODIFICATION TO THIS DETAIL MUST BE APPROVED BY THE TOWN OF JUPITER PRIOR TO INSTALLATION.
- ITEMS 3 THROUGH 6 UNDER NEW PIPE CONNECTION NOTES ABOVE APPLY TO REPAIR ON OUTSIDE OF STRUCTURE.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.



INSET A

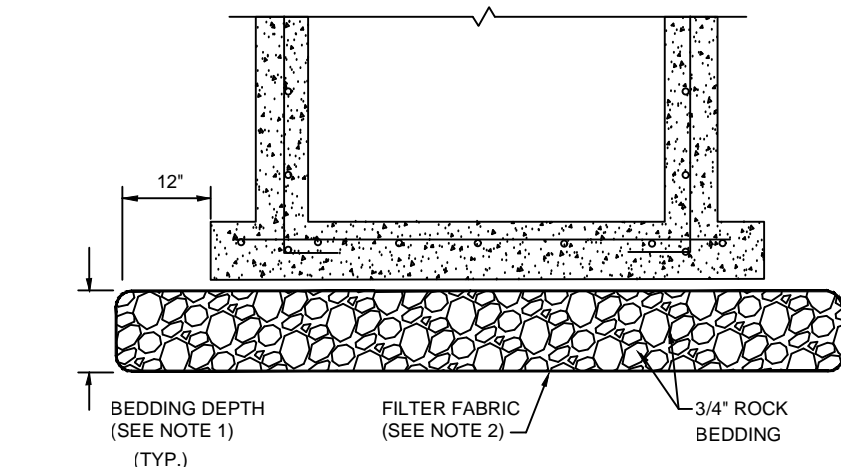
3 PIPE TO STRUCTURE CONNECTION
C-5.0 NOT TO SCALE



NOTES:

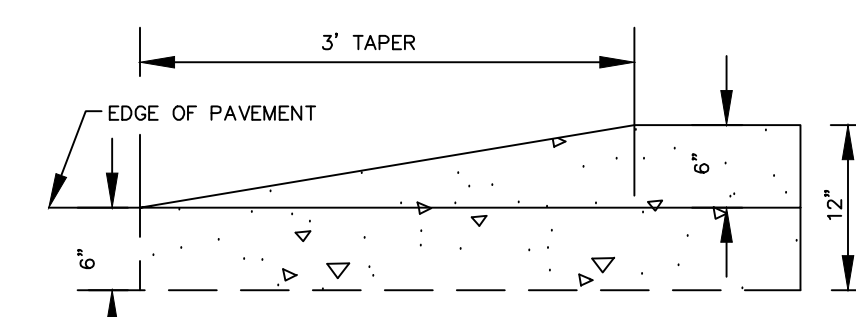
- UNLESS OTHERWISE SPECIFIED, BEDDING MATERIAL SHALL CONSIST OF SELECT BACKFILL MATERIAL 2" MAX. SIZE, COMPACTED TO AT LEAST 100% OF MAX. DENSITY, 6" LIFTS, PER AASHTO SPEC. NO. T-99C.
- WHERE REQUIRED, SHEETING AND SHORING SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS.
- WHERE UNSTABLE SOILS ARE ENCOUNTERED, INCLUDING PEAT, MUCK OR OTHER ORGANIC SOILS, ELASTIC SILT AND CLAYS, A FOUNDATION IS REQUIRED AS DETERMINED BY THE ENGINEER OF RECORD.

4 TYPICAL BACKFILL
C-5.0 NOT TO SCALE

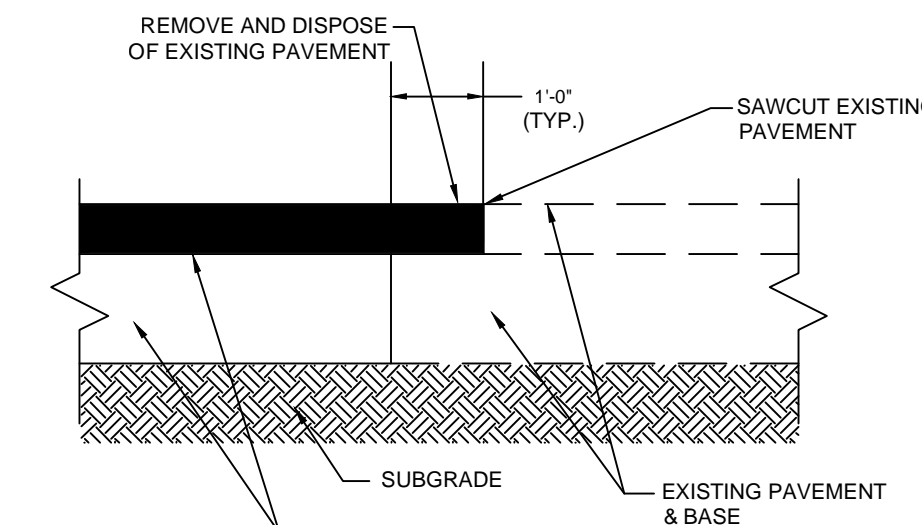


- NOTES:
- BEDDING DEPTH SHALL BE 10" UNDER DRAINAGE STRUCTURES AND 18" UNDER SANITARY STRUCTURES.
 - ROCK SHALL BE WRAPPED IN FILTER FABRIC THAT MEETS THE REQUIREMENTS OF F.D.O.T. SPECIFICATION SECTION 865.

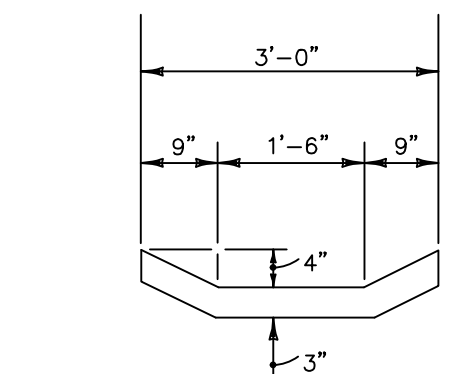
5 STANDARD BEDDING
C-5.0 NOT TO SCALE



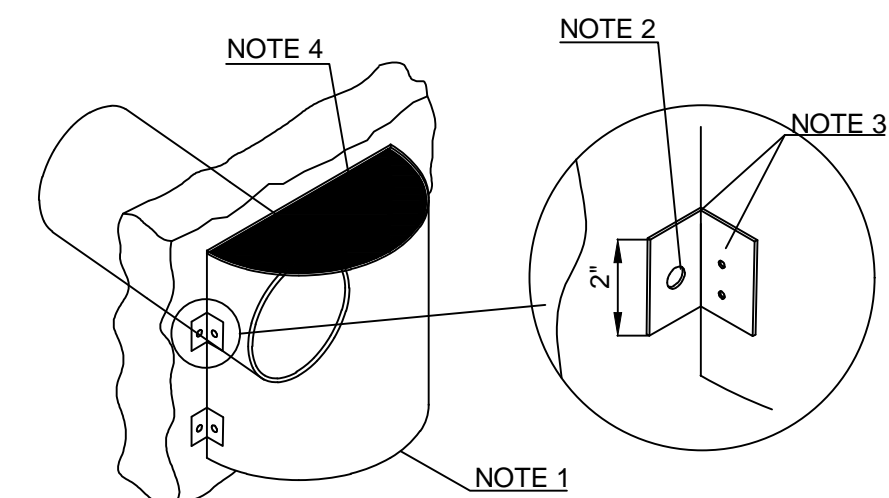
6 CURB TRANSITION
C-5.0 NOT TO SCALE



7 SAWCUT DETAIL
C-5.0 NOT TO SCALE



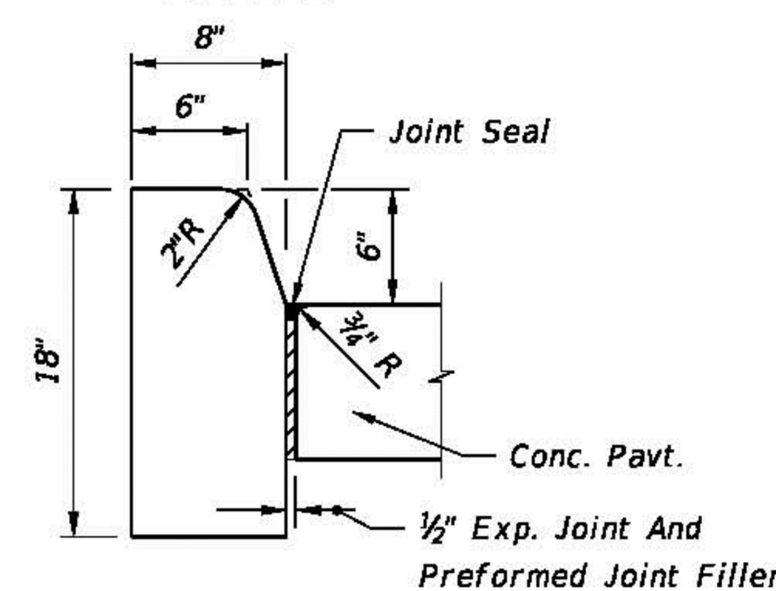
8 CONCRETE FLUME
C-5.0 NOT TO SCALE



BAFFLE DETAIL BRACKET DETAIL

- NOTES:
- BAFFLE SHALL BE C.M.P. OR C.A.P. SECTION (OUTFALL DIAMETER PLUS 6").
 - 1/2" GALV. WEDGE ANCHORS (ULT. PULLOUT 6000, ULT. SHEAR 5900).
 - WELD OR 2-3/8" THRU BOLTS
 - BOLT TO WALL WITH TOP CAPPED. (WATER TIGHT)

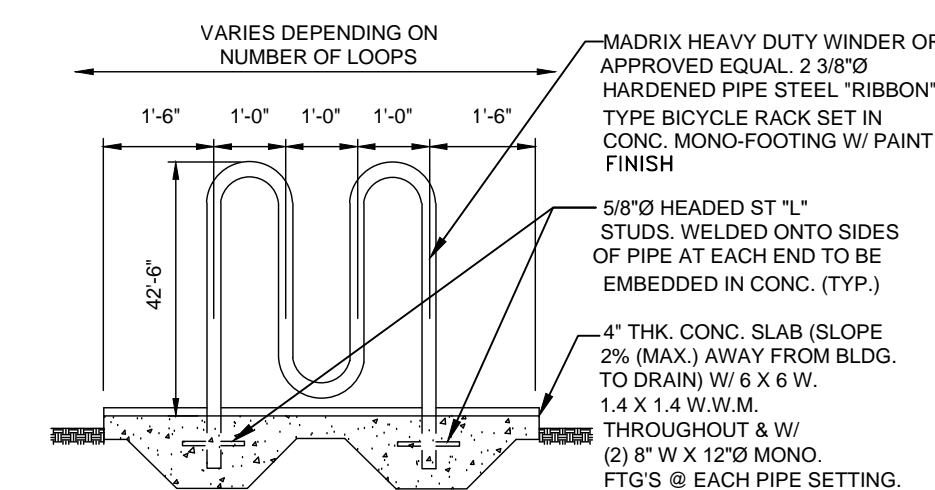
9 POLLUTION RETARDANT BASIN & BAFFLE
C-5.0 NOT TO SCALE



TYPE D

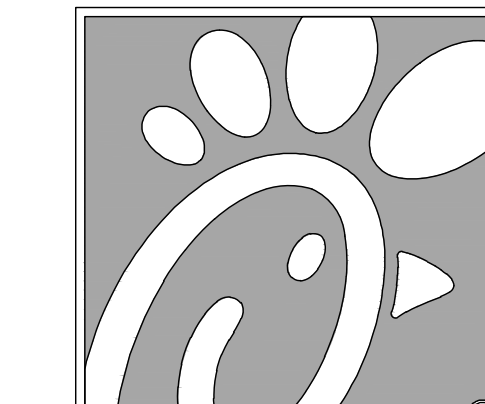
Note: For use adjacent to concrete or flexible pavement, concrete shown. Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only, see Sheet 2.

10 FDOT TYPE D CURB
C-5.0 NOT TO SCALE



11 BICYCLE RACK DETAIL
C-5.0 NOT TO SCALE

THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND DESIGN INSTRUMENTS, IS INTENDED TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND CONDITIONS OF CONTRACT FOR THE CONSTRUCTION OF STORMWATER INFRASTRUCTURE. ANY CHANGES TO THIS DOCUMENT SHALL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



Chick-fil-A

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WILLIAM PFEFFER, P.E.
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10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

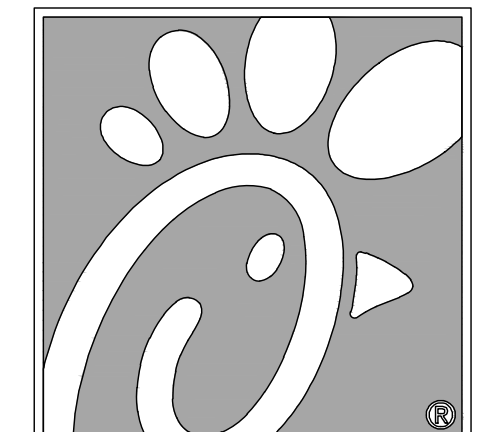
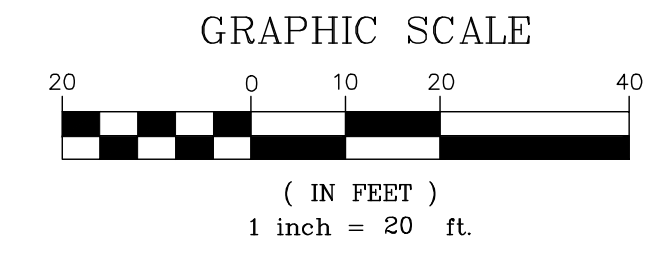
REVISION SCHEDULE	NO.	DATE	DESCRIPTION
NOTE APPLIED			
	7/27/18		REVISED SITE PERMIT SUBMITTAL
	9/25/18		FDOT & DRG COMMENTS

CURRENT DESIGN	2017-029
PROJECT #	010014-01-034
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SHEET PAVING & DRAINAGE DETAILS

SHEET NUMBER
C-5.0



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Atlanta Georgia,
30349-2998



Seal

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LICENSE NO. 730558
10/2/2018

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
7/27/16		REVISED SITE PERMIT SUBMITTAL
9/25/16		FOOT & DRG COMMENTS

CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
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SHEET UTILITY PLAN
PS-1.0

LEGEND			
	EXISTING BOUNDARY		PROPOSED TYPE F CURB AND GUTTER
	EXISTING FIRE HYDRANT		PROPOSED TYPE 'D' CURB
	EXISTING WATER METER		PROPOSED INLET
	EXISTING CATCH BASIN		PROPOSED CURB INLET
	EXISTING SANITARY MANHOLE		PROPOSED TRANSFORMER
	EXISTING STORM SERVICE		PROPOSED SANITARY SERVICE
	EXISTING SANITARY SERVICE		PROPOSED WATER SERVICE
	EXISTING WATER SERVICE		PROPOSED ELECTRIC SERVICE
	EXISTING WATER VALVE		PROPOSED TELEPHONE SERVICE
	EXISTING POWER POLE		PROPOSED FPL EASEMENT
	EXISTING LIGHT POLE		PROPOSED WATER METER
	EXISTING CROSSWALK SIGNAL		PROPOSED BACKFLOW PREVENTER
			PROPOSED TAPPING SLEEVE
			PROPOSED GATE VALVE
			PROPOSED LIGHT POLE

PLAN NOTES

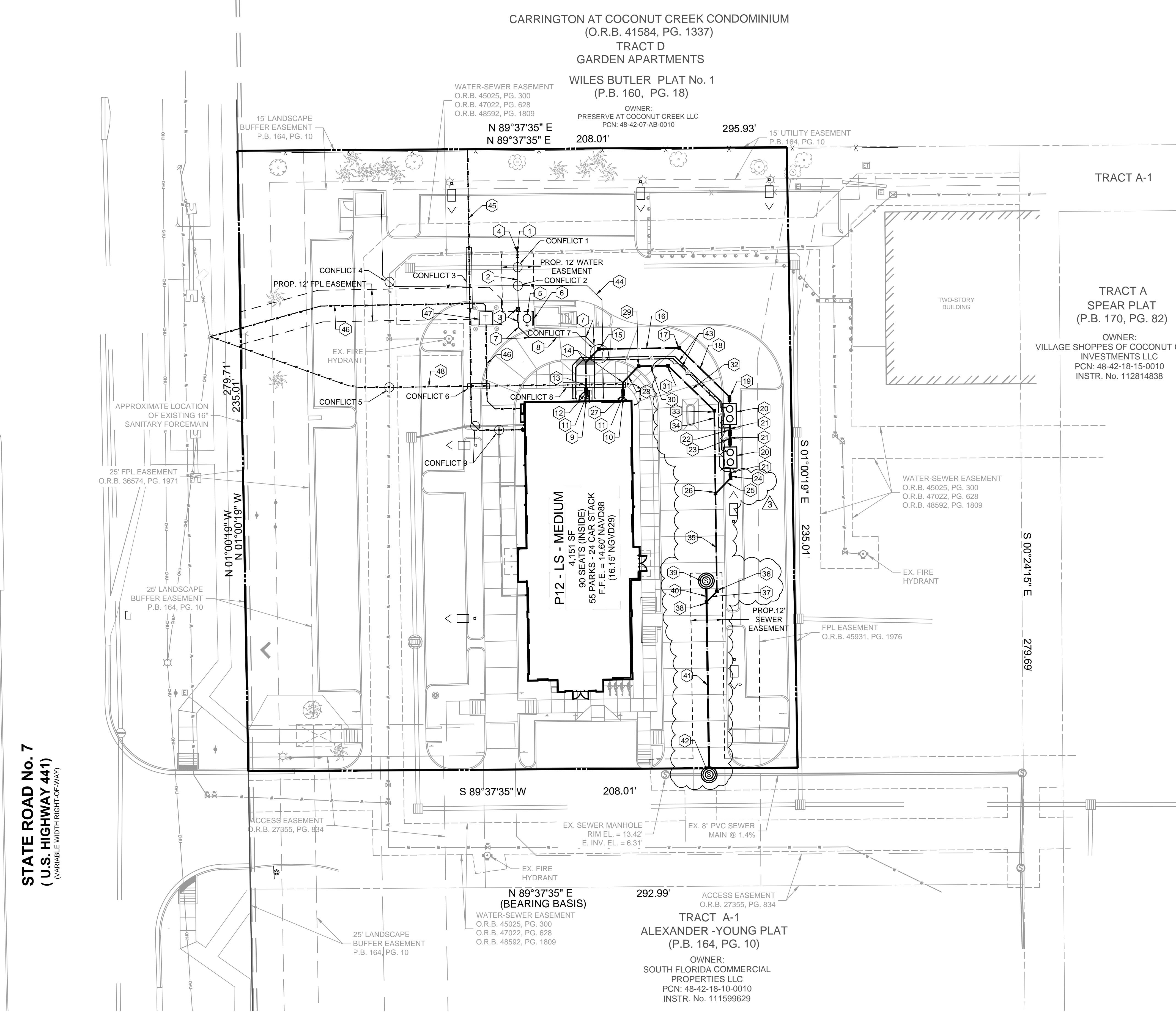
- CONST. DOUBLE STRAP SADDLE TAP WITH 2" CORPORATION STOP. CONTRACTOR TO CONFIRM LOCATION, SIZE, AND ELEVATION OF EXISTING MAIN AT START OF CONSTRUCTION.
- CONST. 21 LF 2" PVC PIPE DOMESTIC WATER SERVICE.
- 1 1/2" DOMESTIC WATER METER AND 1 1/2" REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER ASSEMBLY.
- SEE DETAIL FOR TYPICAL WATER SERVICE INSTALLATION.
- CONST. IRRIGATION WELL (SEE IRRIGATION PLANS FOR CONTINUATION).
- CONST. IRRIGATION WELL CONTROL PANEL.
- CONSTRUCT 2'-45" BEND.
- CONSTRUCT 54 LF OF 2" PVC WATER SERVICE TO BUILDING.
- 6" PVC GREASE LINE FROM BUILDING, INV. ELEV. = 11.24' (REFER TO ARCHITECTURALS FOR CONTINUATION INTO BUILDING).
- 6" PVC SANITARY LINE FROM BUILDING, INV. ELEV. = 10.68' (REFER TO ARCHITECTURALS FOR CONTINUATION INTO BUILDING).
- CONSTRUCT 3 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT CLEANOUT WITH INV. EL. = 11.21'.
- CONSTRUCT 17 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 11.01'.
- CONSTRUCT 30 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 10.70'.
- CONSTRUCT 26 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 10.43'.
- TWO (2) 1000 GALLON GREASE TRAPS (REFER TO ARCHITECTURALS FOR DIMENSIONS).
- CONSTRUCT 2 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT CLEANOUT WITH INV. EL. = 10.20'.
- CONSTRUCT CLEANOUT WITH INV. EL. = 10.15'.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 9.92'.
- CONSTRUCT 8 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6' WYE WITH CLEANOUT WITH INV. EL. = 9.81'.
- CONSTRUCT CLEANOUT WITH INV. EL. = 10.65'.
- CONSTRUCT 12 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 10.50'.
- CONSTRUCT 11 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 10.38'.
- CONSTRUCT 24 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 10.13'.
- CONSTRUCT 31 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 37 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'-45" BEND WITH CLEANOUT WITH INV. EL. = 9.43'.
- CONSTRUCT 5 LF OF 6" PVC SANITARY SERVICE @ 1.0%.
- CONSTRUCT 6'x8" WYE WITH CLEANOUT WITH INV. EL. = 9.37'.
- CONSTRUCT SANITARY SEWER MANHOLE RIM EL. = 13.60' S. INV. EL. (8" PVC) = 9.42'.
- CONSTRUCT 5 LF OF 8" PVC SEWER MAIN @ 1.0%.
- CONSTRUCT 62 LF OF 6" PVC SEWER MAIN @ 1.0%.
- CONSTRUCT SANITARY SEWER MANHOLE WITH DROP CONNECTION RIM EL. = 13.32' N. UPPER INV. EL. (8" PVC) = 8.74' N. LOWER INV. EL. (8" PVC) = 6.14' W. INV. EL. (8" PVC) = 6.14' E. INV. EL. (8" PVC) = 6.00'.
- CONSTRUCT 3" SANITARY VENT LINES.
- CONSTRUCT 156 LF OF 1" WATER SERVICE TO THE DUMPSTER.
- CONSTRUCT BURIED GAS SERVICE.
- CONSTRUCT BURIED ELECTRICAL SERVICE.
- TRANSFORMER TO BE CONSTRUCTED BY OTHERS.
- CONSTRUCT BURIED COMMUNICATIONS SERVICE.

GENERAL UTILITY NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- ALL UTILITIES ARE SHOWN FROM INFORMATION GATHERED AND SHOULD NOT BE USED AS EXACT. CONTRACTOR SHALL VERIFY EXACT DEPTHS AND LOCATIONS PRIOR TO UTILITY INSTALLATION.
- CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION REQUIREMENTS.
- ALL PIPE MATERIALS SHALL COMPLY WITH LOCAL REGULATIONS AND STANDARDS.
- ALL TRENCHING AND BEDDING SHALL BE PER THE UTILITY TRENCH AND BEDDING DETAIL.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING UTILITY TIE INS.
- THE CONTRACTOR IS TO FIELD VERIFY THE EXACT LOCATIONS AND DEPTHS OF UTILITY LINES. THE CITY OF COCONUT CREEK ENGINEERING DEPARTMENT ASSUMES NO RESPONSIBILITY FOR ANY POTENTIAL CONFLICTS.
- ANY WATER AND/OR SEWER CONNECTIONS MUST BE COORDINATED AND SUPERVISED BY UTILITY DISTRICT PERSONNEL. PLEASE GIVE 72 HOURS NOTICE FOR CONNECTIONS.

CONFLICTS

- | | |
|--|---|
| <p>CONFLICT 1:
2" WATER SERVICE TO PASS OVER STORM WITH MINIMUM CLEARANCE OF 12" T.O.P. STORM: 11.16 +/-</p> <p>CONFLICT 2:
2" WATER SERVICE TO PASS OVER 3" WATER SERVICE WITH MINIMUM CLEARANCE OF 12"</p> <p>CONFLICT 3:
GAS SERVICE TO PASS OVER PROPOSED WATER/ELECTRIC AND EXISTING WATER/STORM WITH MINIMUM CLEARANCE OF 12"</p> <p>CONFLICT 4:
3" WATER SERVICE TO PASS OVER EXISTING WATER MAIN WITH MINIMUM CLEARANCE OF 12"</p> <p>CONFLICT 5:
COMMUNICATIONS SERVICE TO PASS OVER EXISTING WATER MAIN WITH MINIMUM CLEARANCE OF 12"</p> | <p>CONFLICT 6:
COMMUNICATIONS SERVICE TO PASS OVER GAS/ELECTRIC SERVICES WITH MINIMUM CLEARANCE OF 12"</p> <p>CONFLICT 7:
2" & 3" WATER SERVICES TO PASS OVER SANITARY SERVICE AND VENT LINES WITH MINIMUM CLEARANCE OF 12" T.O.P. SANITARY = 11.38'</p> <p>CONFLICT 8:
COMMUNICATIONS SERVICE TO PASS OVER WATER/SANITARY SERVICES WITH MINIMUM CLEARANCE OF 12"</p> <p>CONFLICT 9:
GAS SERVICE TO PASS OVER STORM WITH MINIMUM CLEARANCE OF 12"</p> |
|--|---|



THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIAL PROVISIONS HEREON, AS AN INSTRUMENT OF SERVICE, IS HEREBY SUBMITTED TO THE CITY OF COCONUT CREEK, FLORIDA. THE CITY OF COCONUT CREEK ENGINEERING DEPARTMENT ASSUMES NO RESPONSIBILITY FOR ANY POTENTIAL CONFLICTS.



Chick-fil-A

5200 Buffington Rd. Atlanta Georgia, 30349-2998

Bowman CONSULTING

Seal

WILLIAM PFEFFER, P.E. LICENSE NO. 73058 10/2/2018

CHICK-FIL-A COCONUT CREEK FSR 4670 N. STATE ROAD 7 COCONUT CREEK, FLORIDA 33073

FSR# 03841

REVISION SCHEDULE table with columns: NO., DATE, DESCRIPTION

PERMIT REVIEW

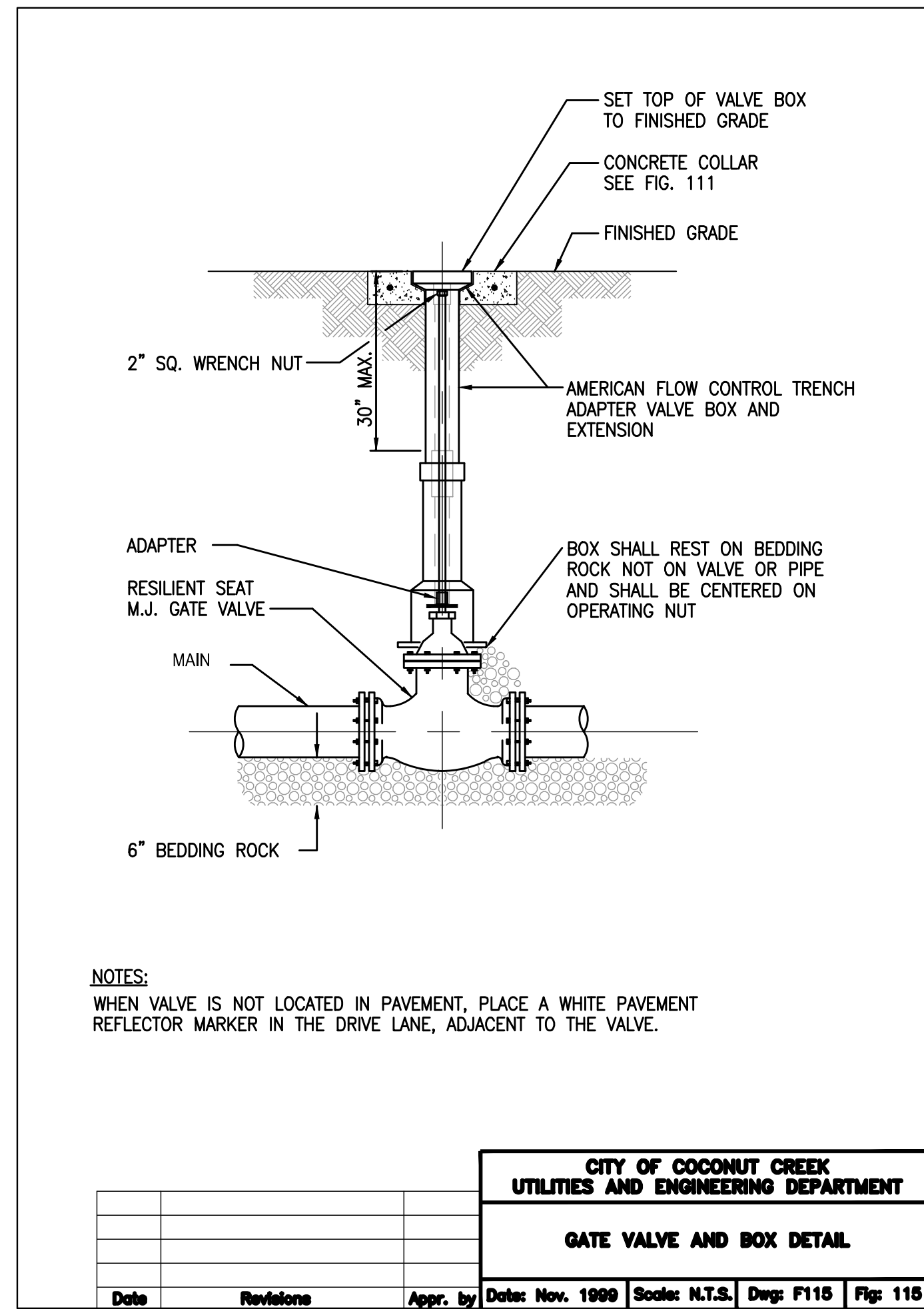
Table with columns: CURRENT DESIGN, PROJECT #, PRINTED FOR, DATE, DRAWN BY

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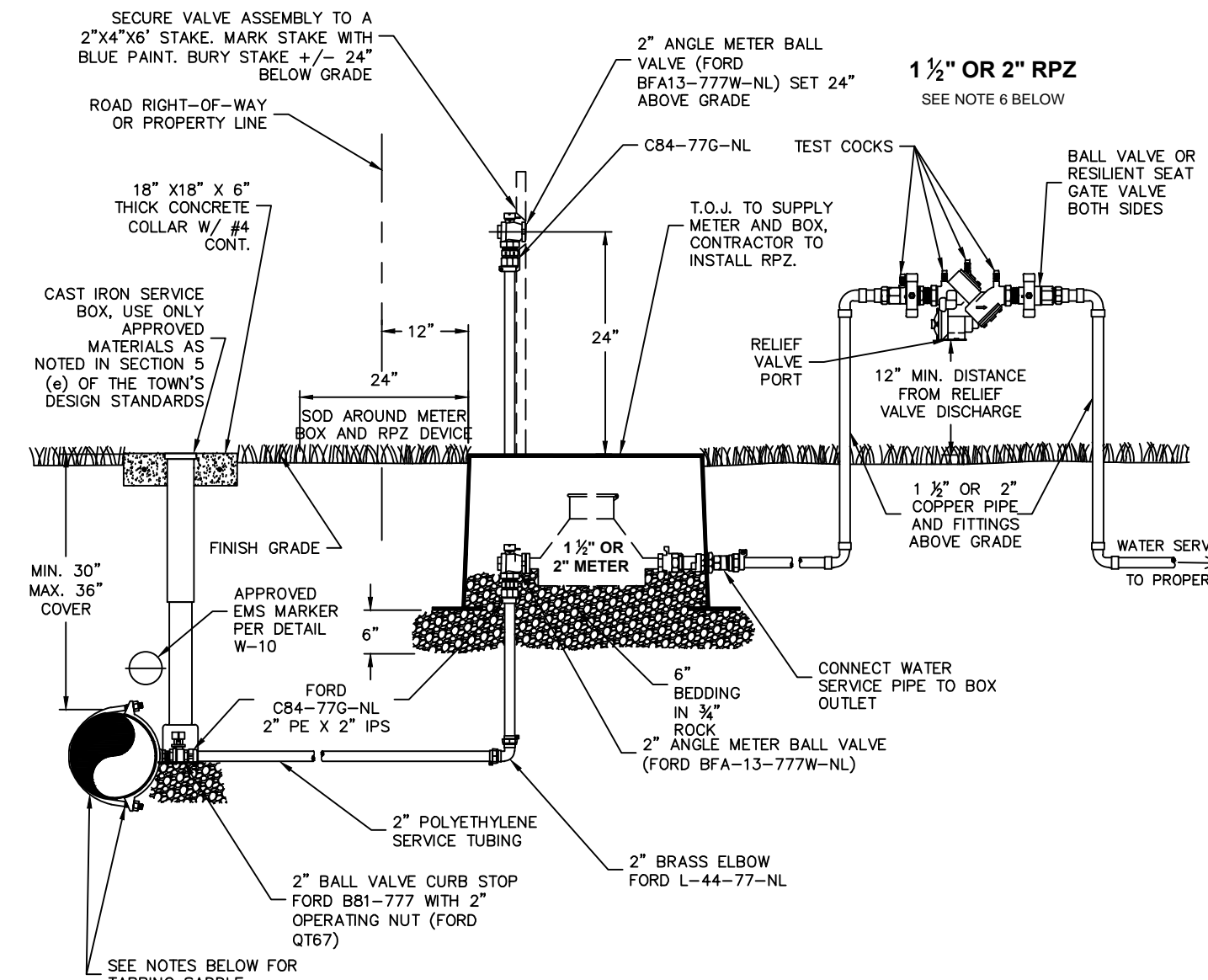
SHEET UTILITY DETAILS

SHEET NUMBER

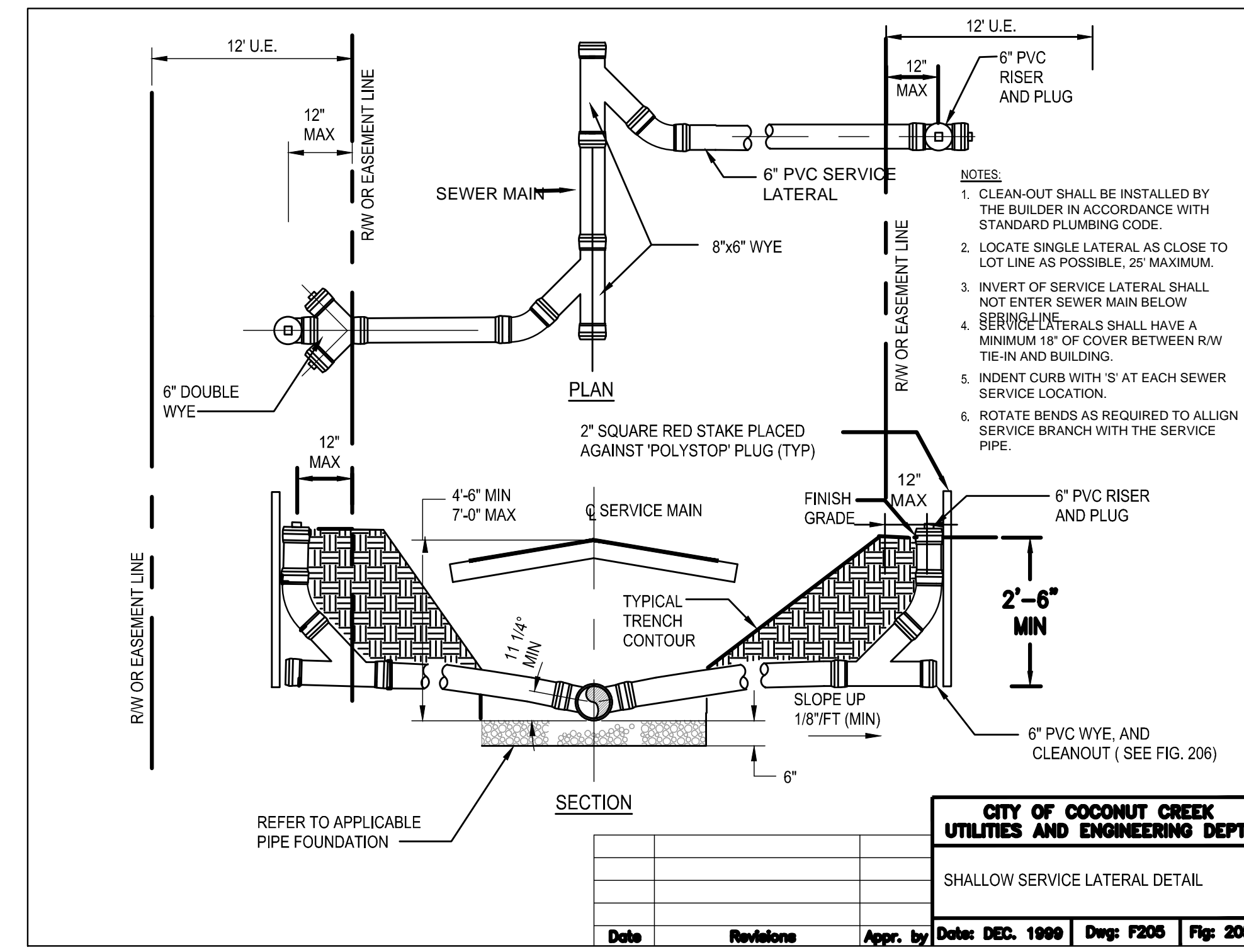
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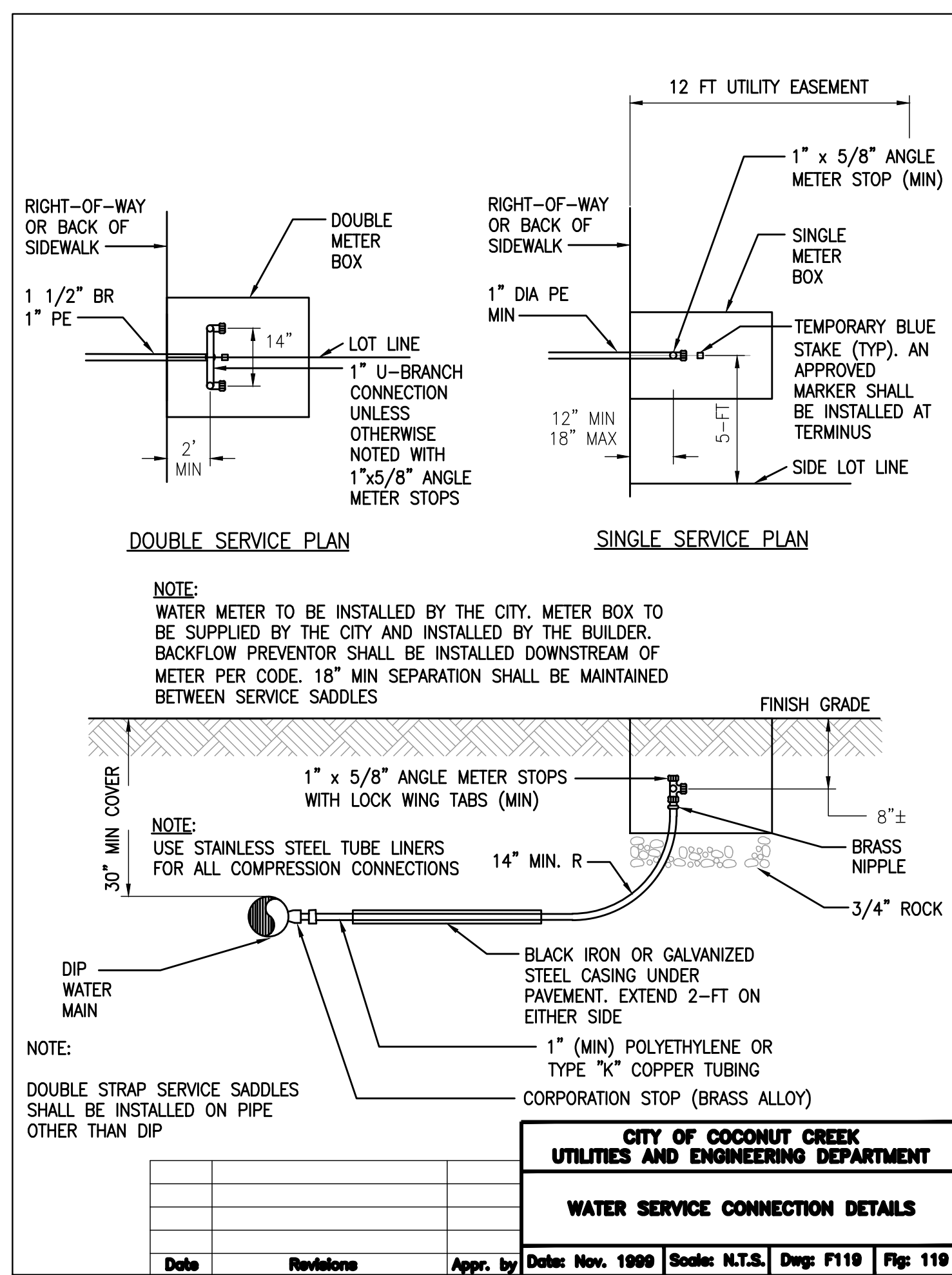
1 PS-1.1 TYPICAL UNDERGROUND VALVE INSTALLATION NOT TO SCALE



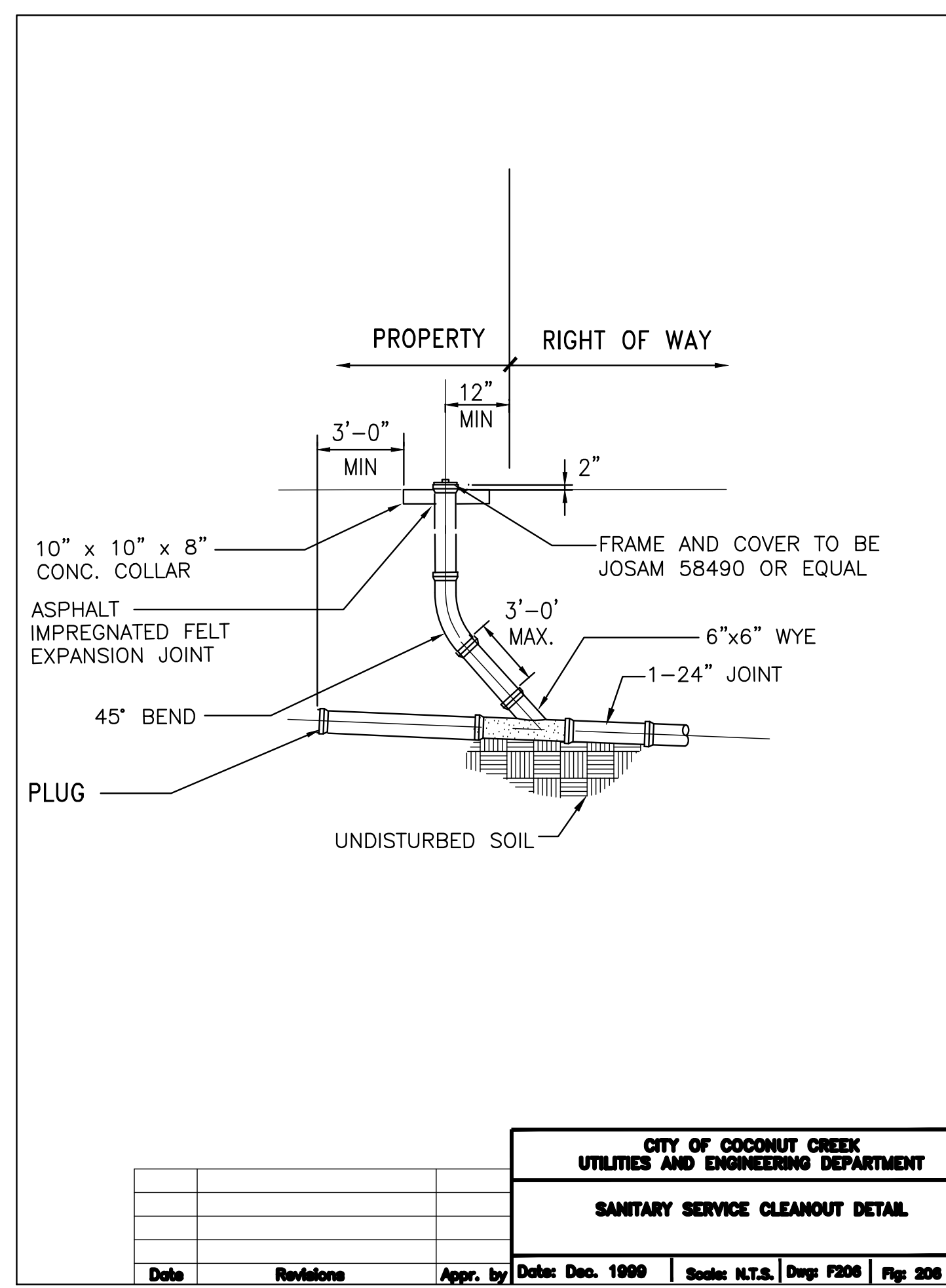
2 CONNECTION FOR 1 1/2" & 2" METERS NOT TO SCALE



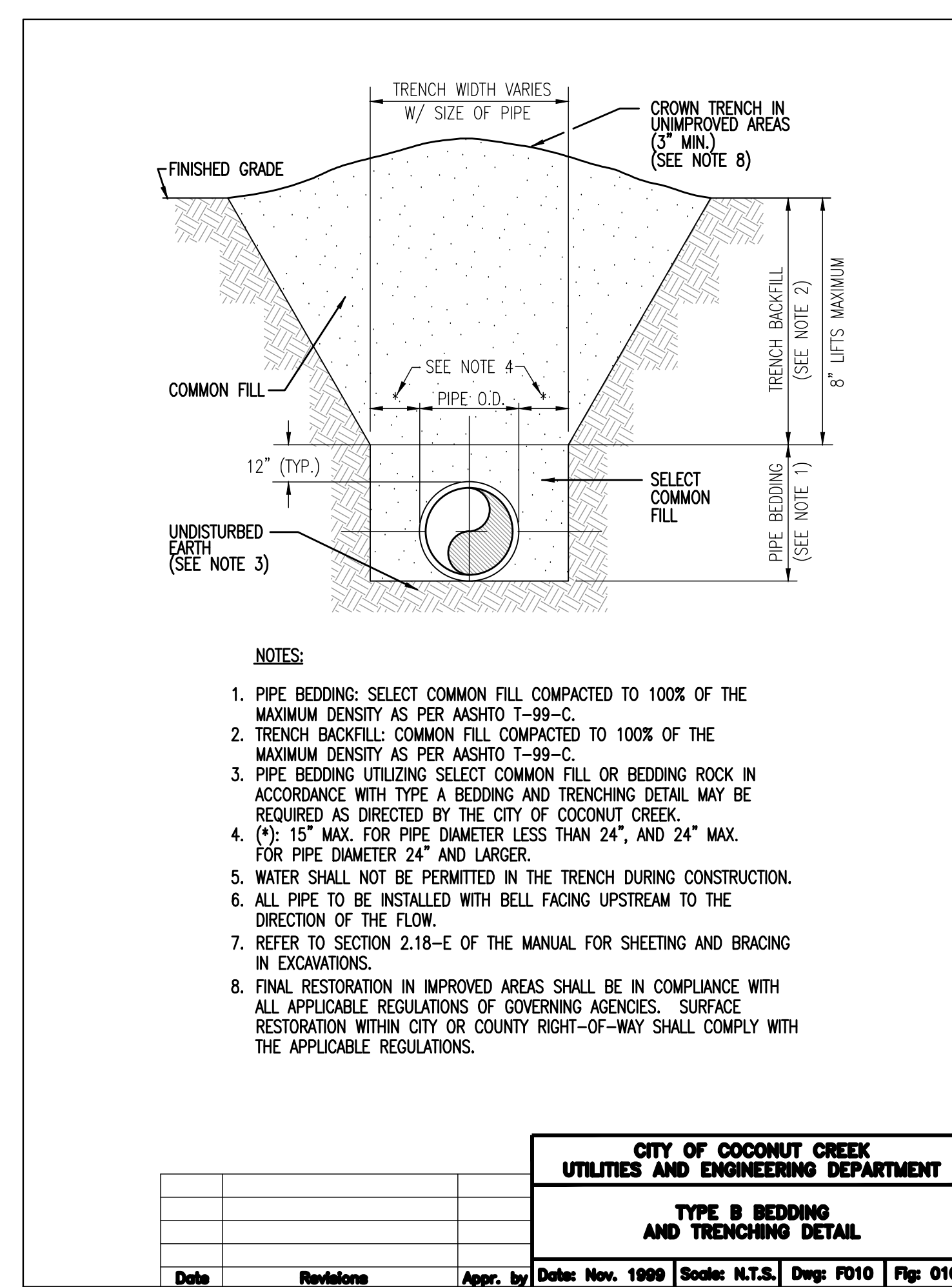
3 4" OR 6" SINGLE SERVICE CONNECTION DETAIL NOT TO SCALE



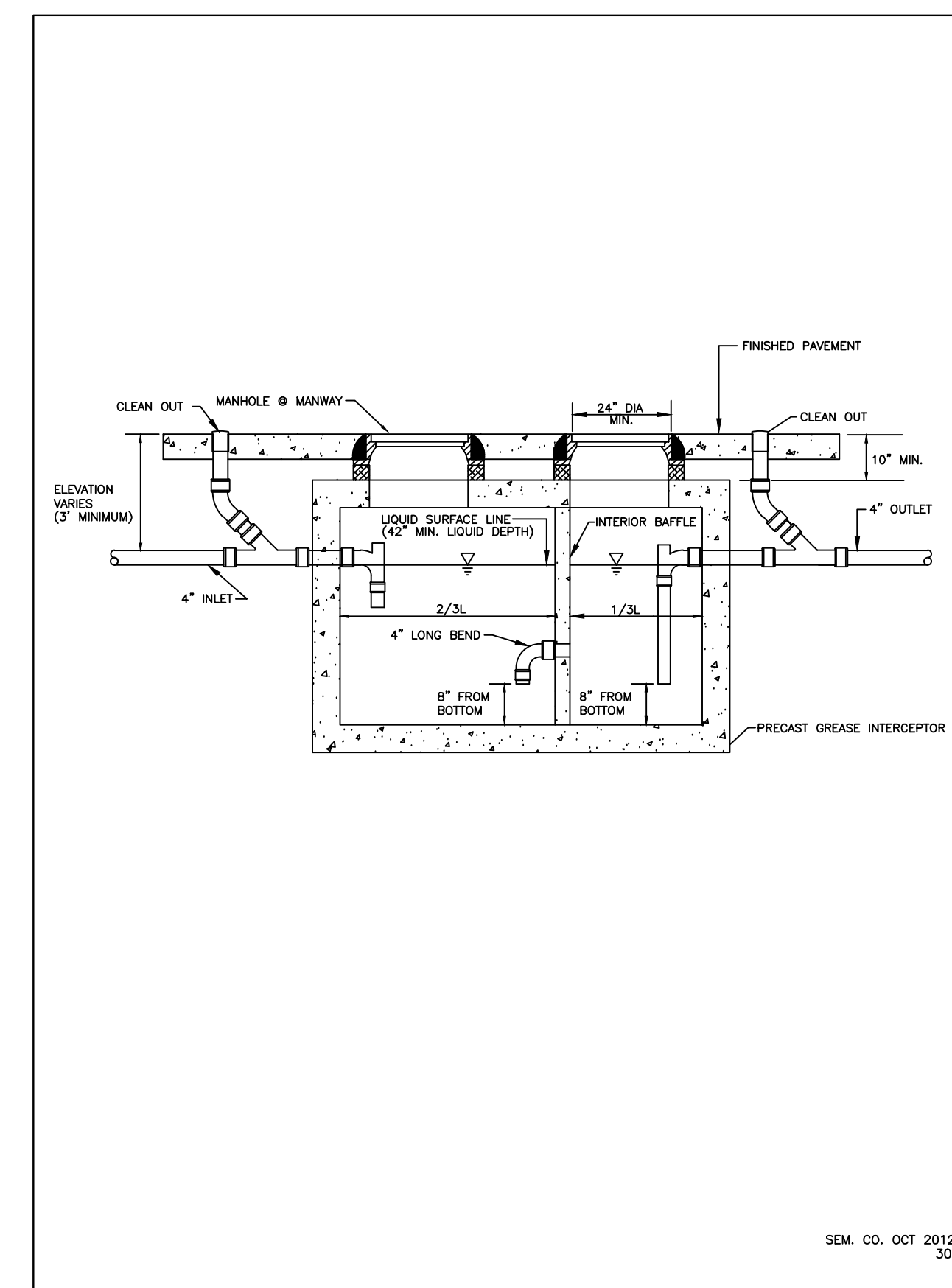
4 WATER SERVICE CONNECTION DETAIL NOT TO SCALE



5 SANITARY SEWER LATER CLEAN OUT PROTECTIVE BOX DETAIL NOT TO SCALE

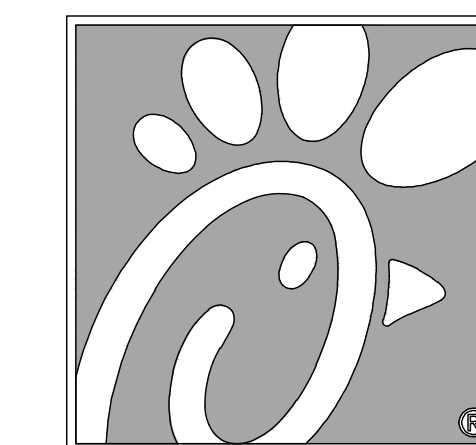
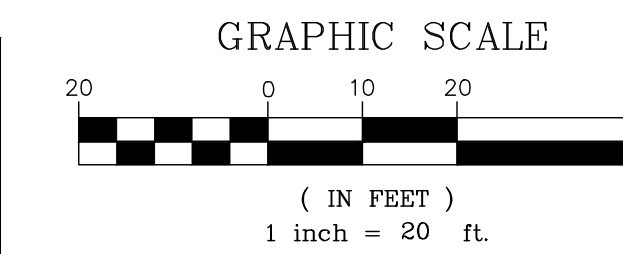


6 TYPICAL GRAVITY SEWER EMBEDMENT DETAIL NOT TO SCALE



7 GREASE INTERCEPTOR DETAIL NOT TO SCALE

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Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

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Certificate of Registration License No. 30002
13450 Sunrise Blvd., Suite 320
Sunrise, FL 33333
Phone: (954) 314-8486
www.bowmanconsulting.com
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Seal

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
10/22/18

CHICK-FIL-A
COCONUT CREEK FSR
4670 N. STATE ROAD 7
COCONUT CREEK, FLORIDA 33073

FSR# 03841

NO.	DATE	DESCRIPTION
1	7/27/18	REVISED SITE PERMIT SUBMITTAL
2	9/25/18	FOOT & DRG COMMENTS

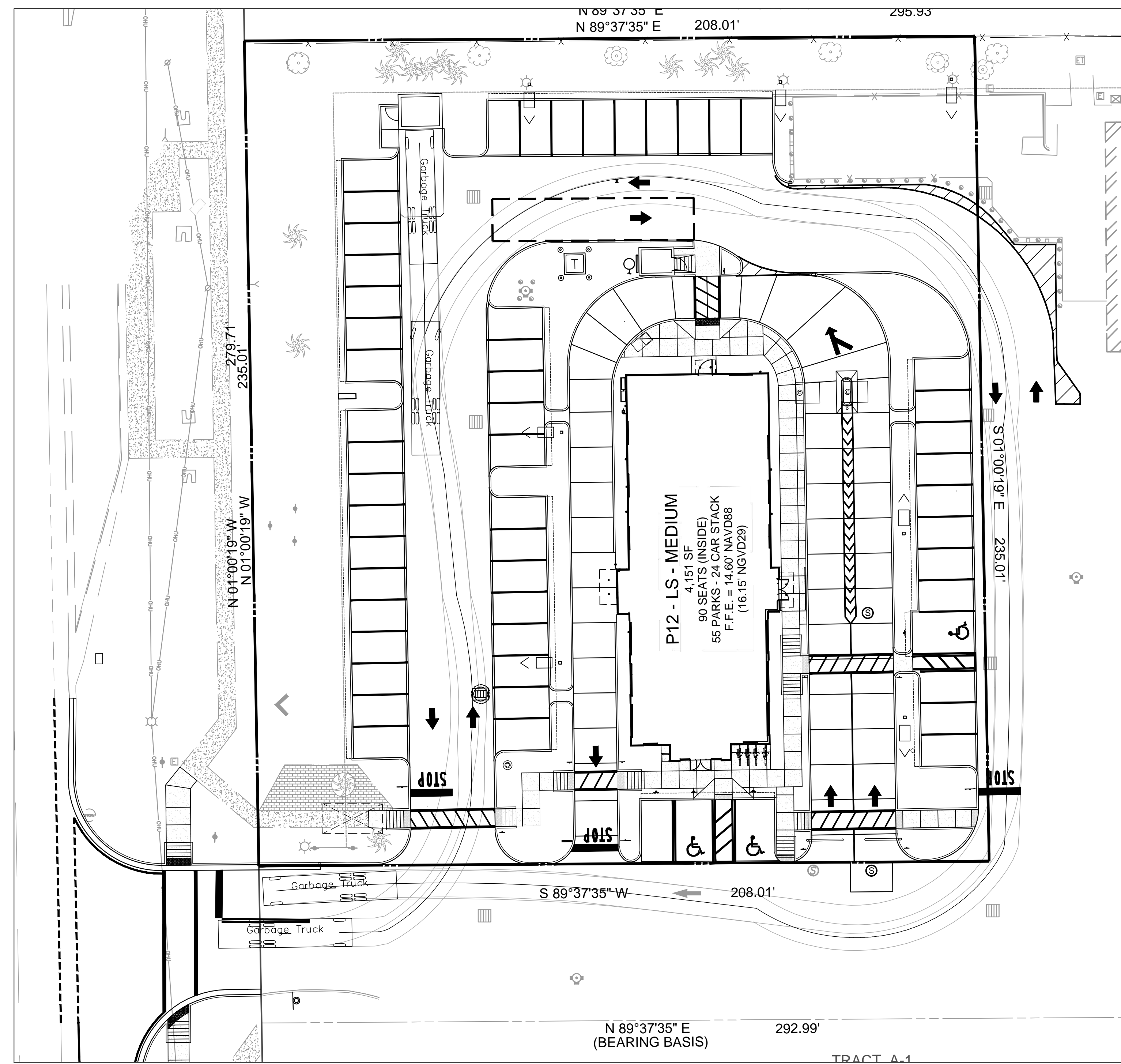
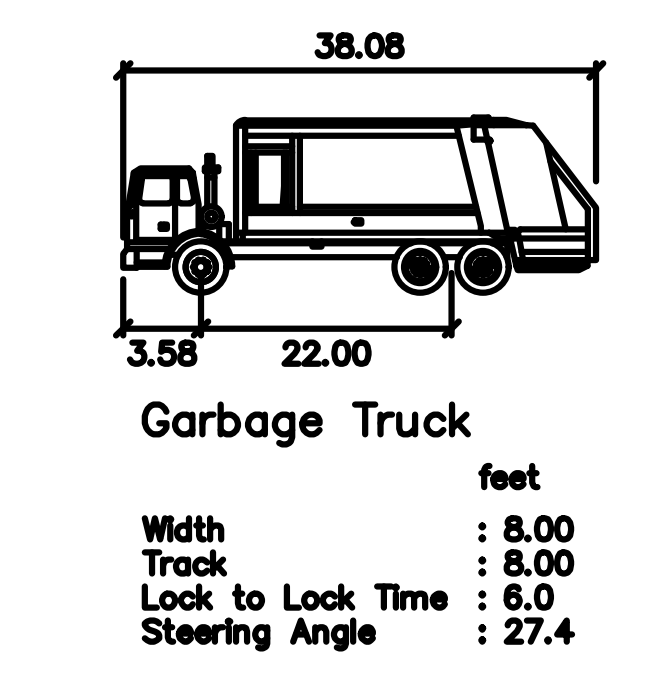
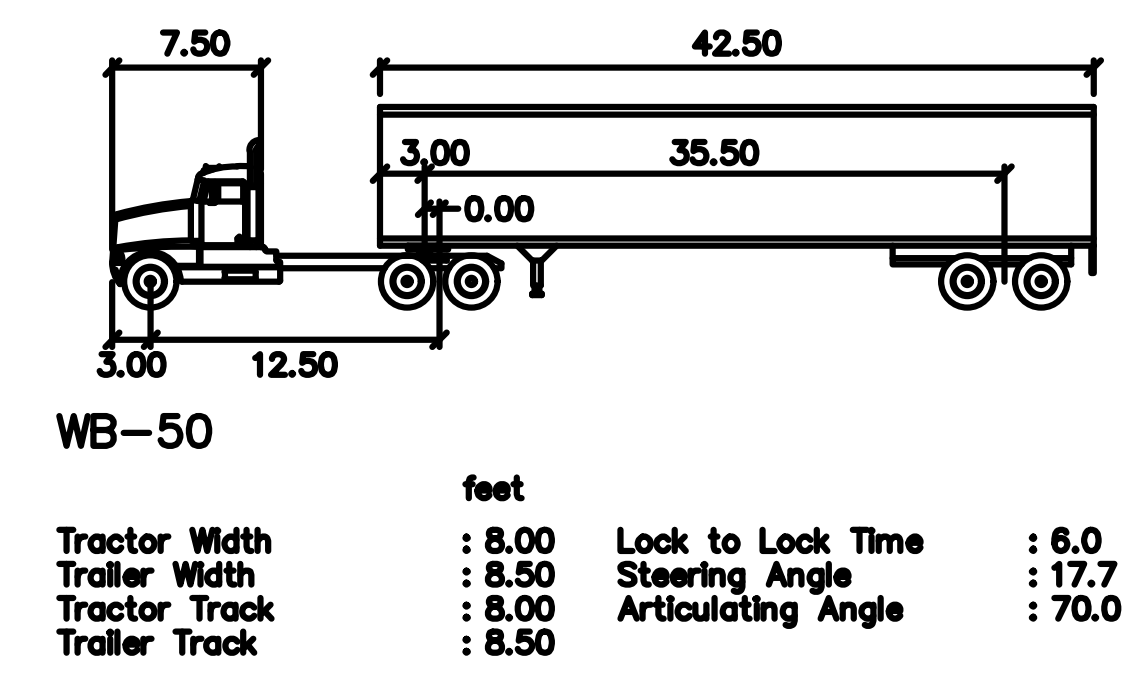
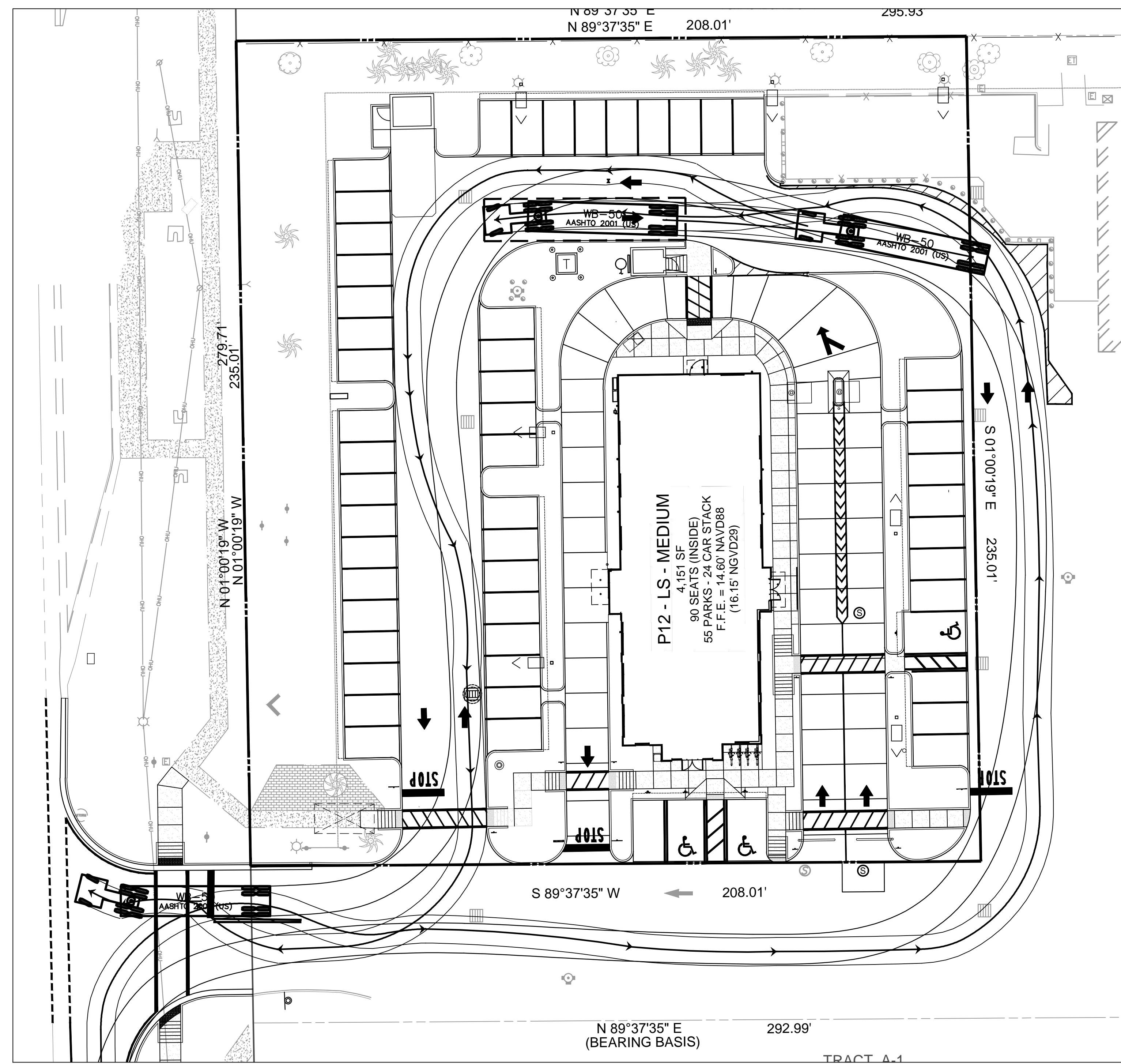
PERMIT REVIEW

CURRENT DESIGN	2017-029
NOTE APPLIED	
PROJECT #	010014-01-034
PRINTED FOR	PERMIT REVIEW
DATE	10/2/2018
DRAWN BY	RM

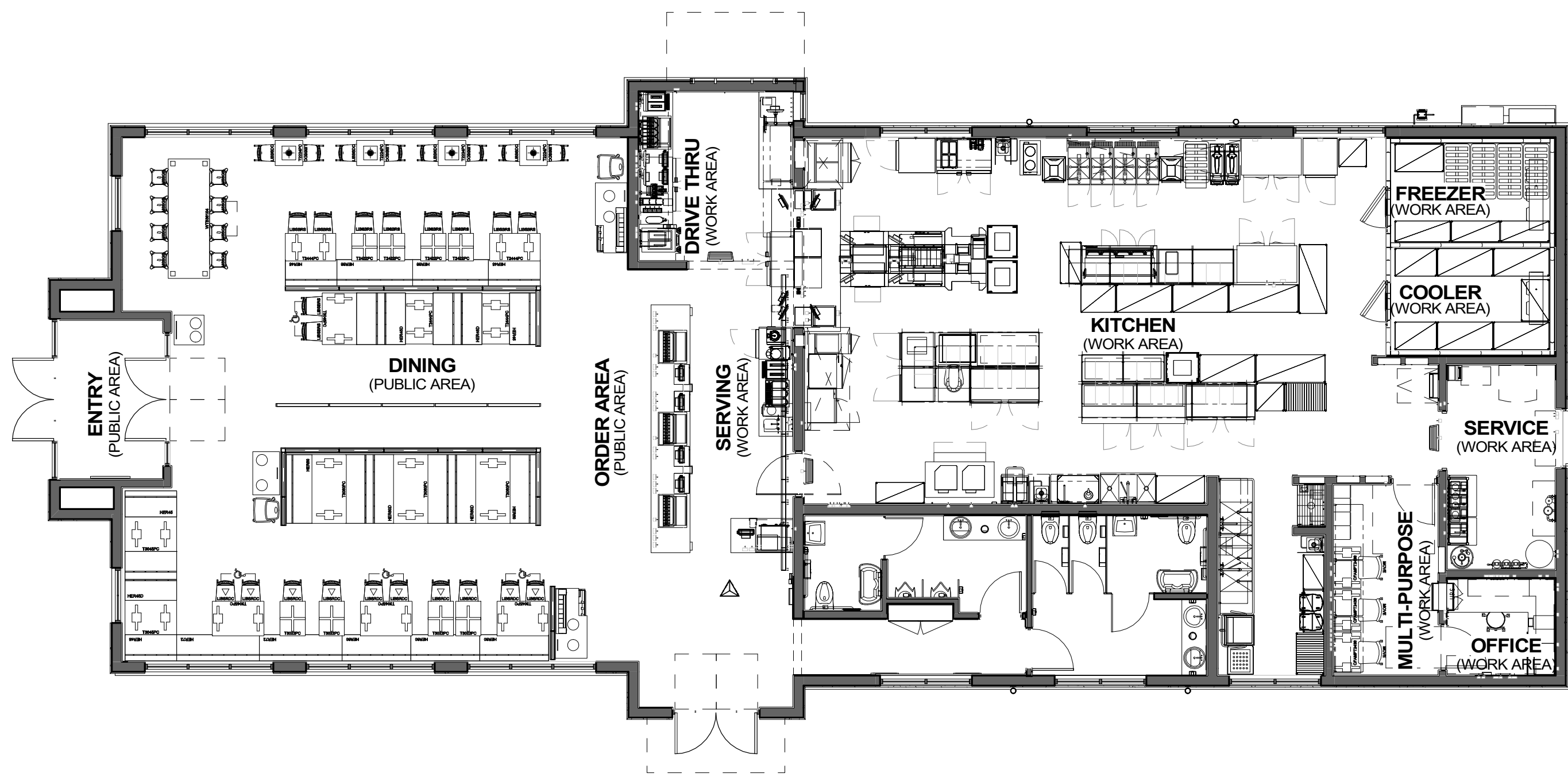
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SHEET AUTOTURN PLAN

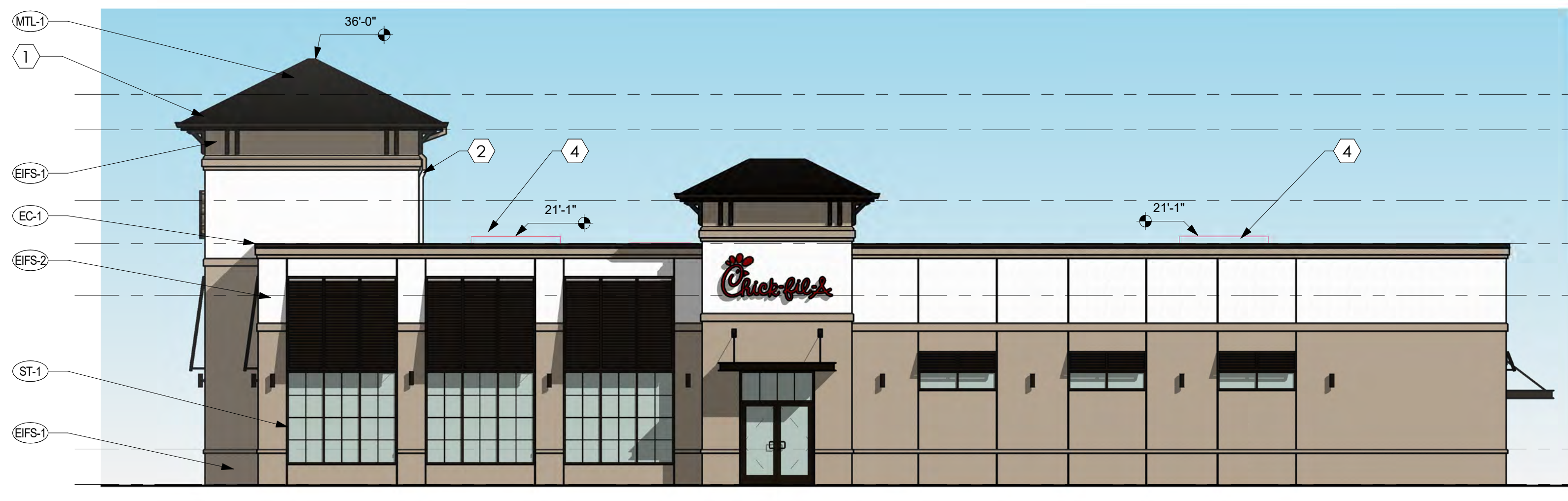
SHEET NUMBER
AT-1.0



THIS DOCUMENT, TOGETHER WITH THE CONTRACT AND SPECIFICATIONS, IS THE SOLE AGREEMENT OF THE PARTIES. IT IS HEREBY CERTIFIED THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THE ENGINEER'S KNOWLEDGE AND BELIEF. THE ENGINEER SHALL BE HELD HARMLESS BY BOWMAN CONSULTING.



1 FLOOR PLAN
1/8" = 1'-0"



3 ELEVATION - EAST
1/8" = 1'-0"



5 ELEVATION - WEST (441 FRONTAGE)
1/8" = 1'-0"

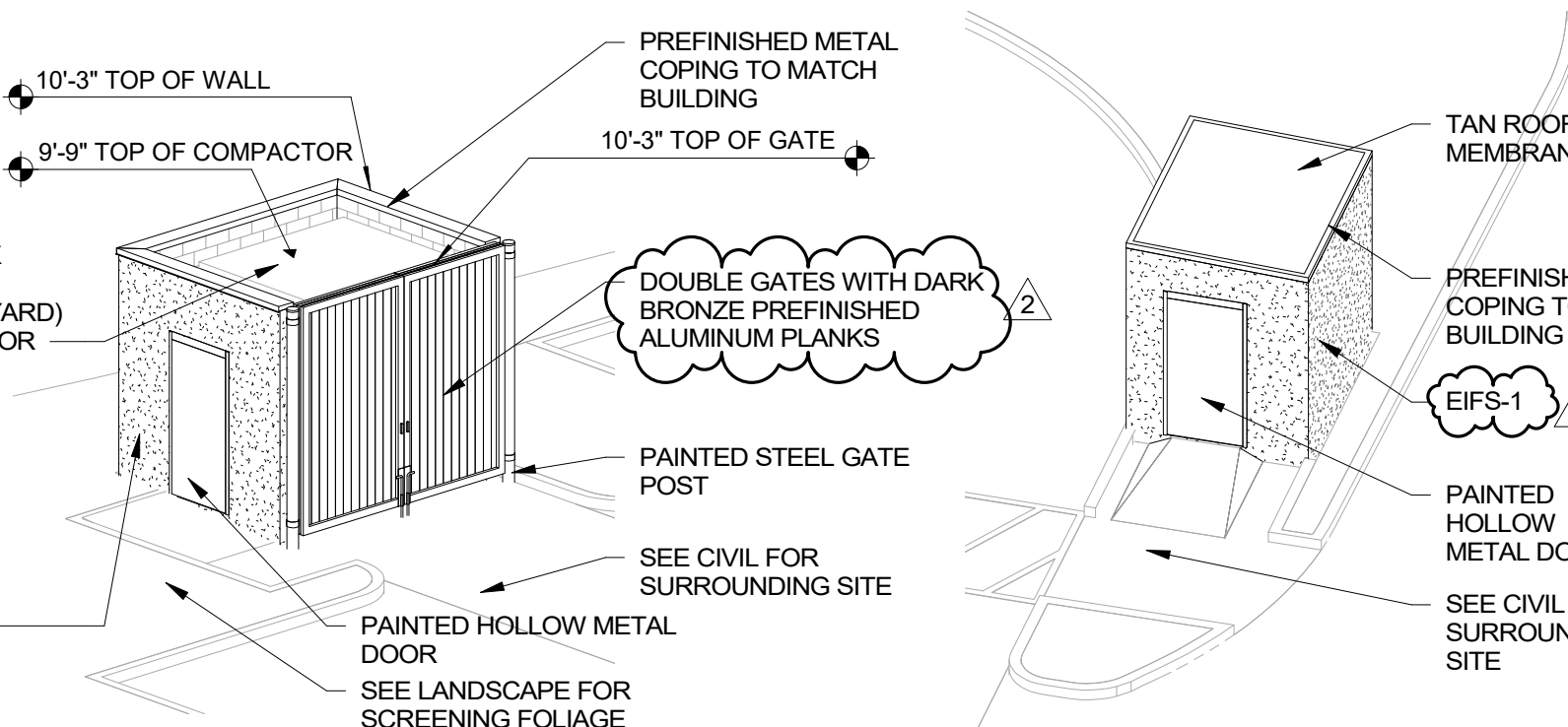


2 ELEVATION - SOUTH (WILES RD FRONTAGE)
1/8" = 1'-0"

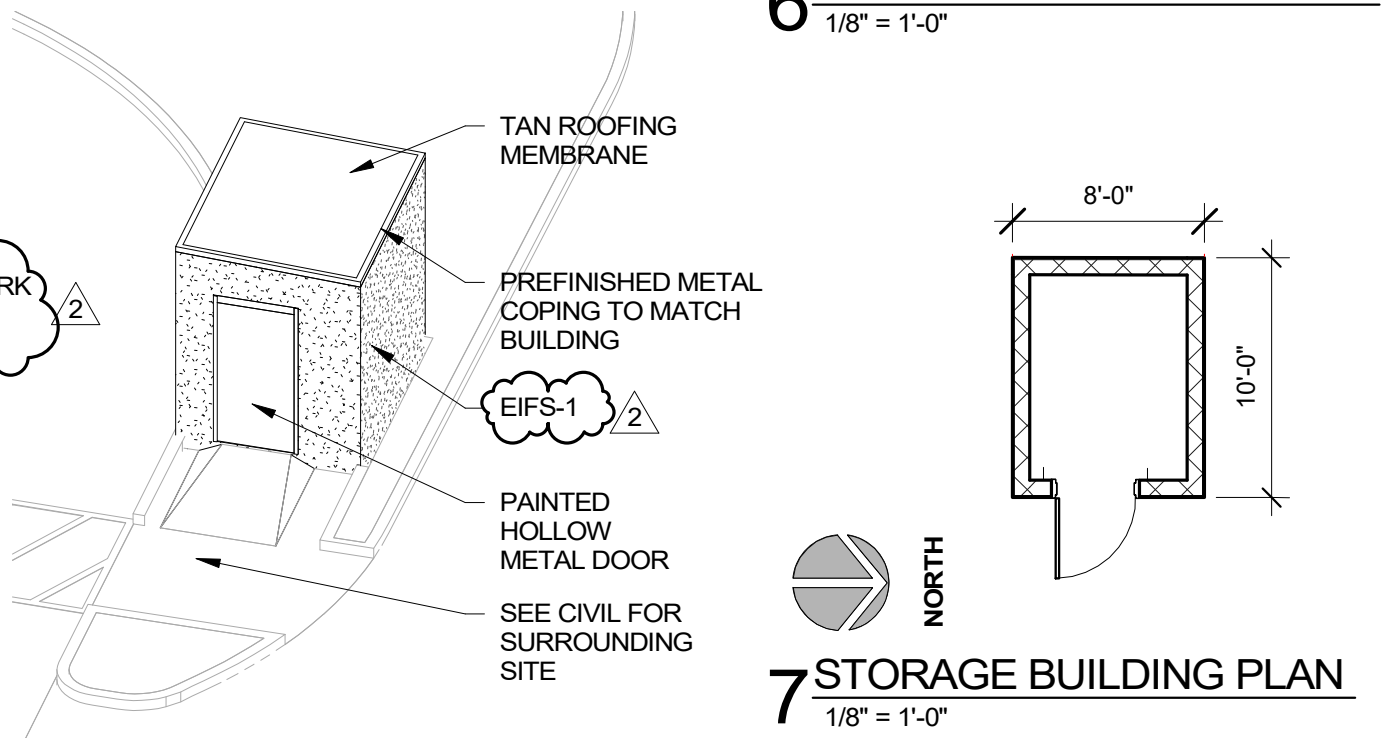


4 ELEVATION - NORTH
1/8" = 1'-0"

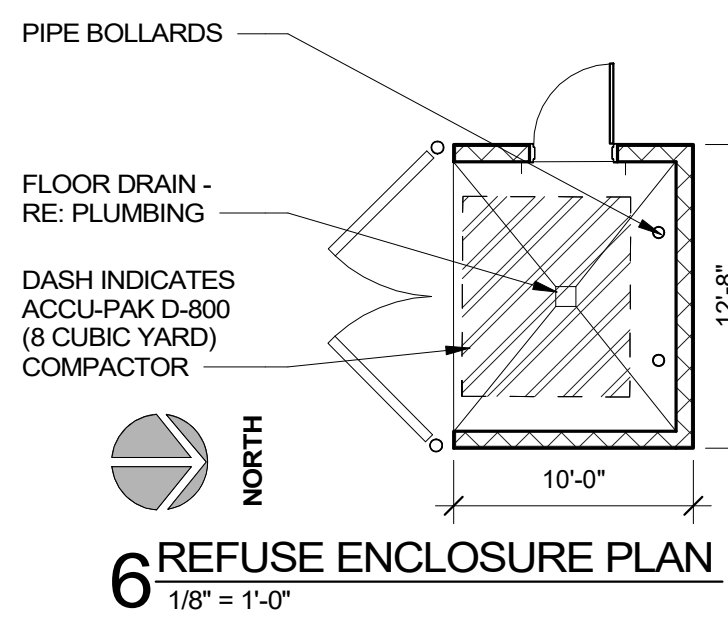
FINISH SCHEDULE - EXTERIOR					
MARK	DESCRIPTION	MANUFACTURER	MODEL NAME	COLOR	NOTE
EC-1	PARAPET WALL COPING	DUROLAST / EXCEPTIONAL METALS		DARK BRONZE (MATTE)	
EIFS-1	IMPACT RESISTANT EIFS	STO		STO 10606 PLATEAU	FINISH: SAND MEDIUM
EIFS-2	IMPACT RESISTANT EIFS	STO		STO 9433 WHITE	FINISH: SAND MEDIUM
MTL-1	STANDING SEAM METAL ROOF	DUROLAST / EXCEPTIONAL METALS		WHITE	
PT-9	EXTERIOR PAINT	SHERWIN WILLIAMS	SHER-CRYL HIGH PERFORMAN CE ACRYLIC #B66-350	DARK BRONZE	FINISH: SEMI-GLOSS
ST-1	STOREFRONT	YKK		DARK BRONZE (MATTE)	SEE G004 FOR APPROVED EQUAL VENDORS



8 REFUSE ENCLOSURE - 3D



9 STORAGE BUILDING - 3D



6 REFUSE ENCLOSURE PLAN
1/8" = 1'-0"

SHEET GENERAL NOTES

- ROOF DRAINS AT LOW-SLOPE ROOF ARE INTERNAL.

SHEET SPECIFIC KEY NOTES

- INTEGRAL GUTTER - TYP AT TOWERS.
- POSITION DOWNSPOUTS AS SHOWN AT BACK OF TOWERS & PAINT TO MATCH STUCCO TO MINIMIZE VISIBILITY, TYP.
- OPAQUE GLASS AT TOWER TOPS.
- RED LINE INDICATES TOP OF ROOFTOP AIR HANDLING UNITS (NOT VISIBLE FROM PEDESTRIAN VANTAGE POINT).

HIGH ALBEDO ROOF CALCULATION

ALL ITEMS BELOW ARE PER USGBC LEED REQUIREMENTS FOR HIGH-ALBEDO ROOF

LOW-SLOPED ROOF MINIMUM SRI: 78
LOW-SLOPED ROOF ACTUAL SRI: 84

STEEP-SLOPED ROOF MINIMUM SRI: 29
STEEP-SLOPED ROOF ACTUAL SRI: 24

USE WEIGHTED ROOFTOP SRI CALCULATION...

AREA ROOFING MEETING MINIMUM SRI x SRI OF INSTALLED ROOF >= 75%
TOTAL ROOF AREA REQUIRED SRI

3509 SF x 84 = 82%, SO ENTIRE ROOF MEETS DEFINITION OF HIGH ALBEDO ROOF
4601 SF x 78



5200 Buffington Rd.
Atlanta Georgia
30349-2998

DATE: 07/27/2018
REVISION: REVISED SITE PERMIT SUBMITTAL

Seal

REFER TO DIGITAL SIGNATURE AFFIDAVIT



COHEN CARNAGGIO REYNOLDS
ARCHITECTURE INTERIORS DESIGN
2820 FIRST AVENUE SOUTH
BIRMINGHAM, ALABAMA 35233
CCRARCHITECTS.NET
205-324-8864 P
205-324-8496 F

STORE:
COCONUT CREEK FSU
P12 LS MEDIUM
CUSTOM
FSU# 3841

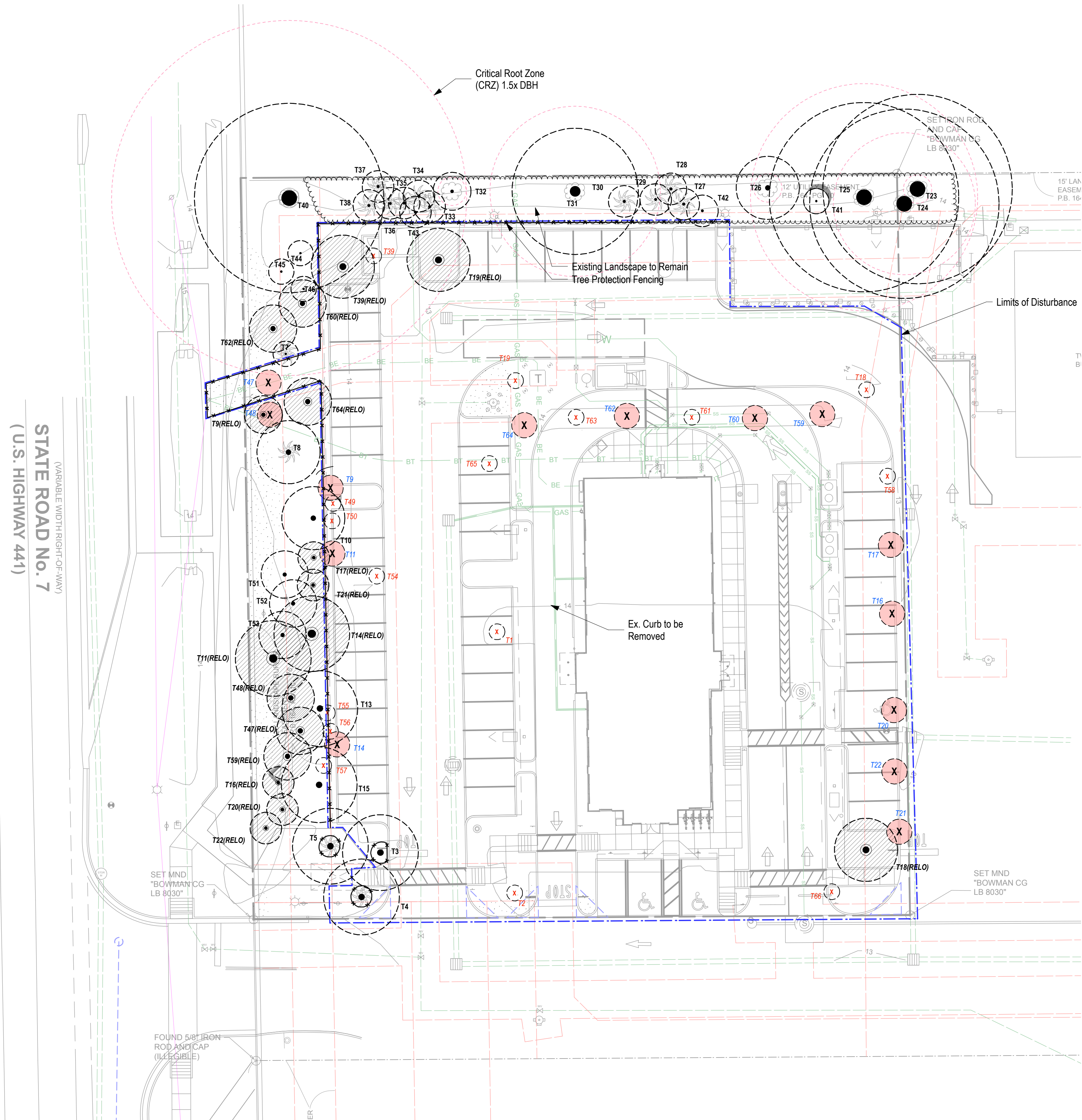
COCONUT CREEK, FL

SHEET TITLE
**FLOOR PLAN,
ELEVATIONS AND
OUT BUILDINGS**

VERSION: **P12 V2 18.03**

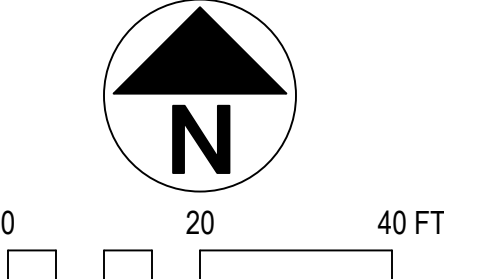
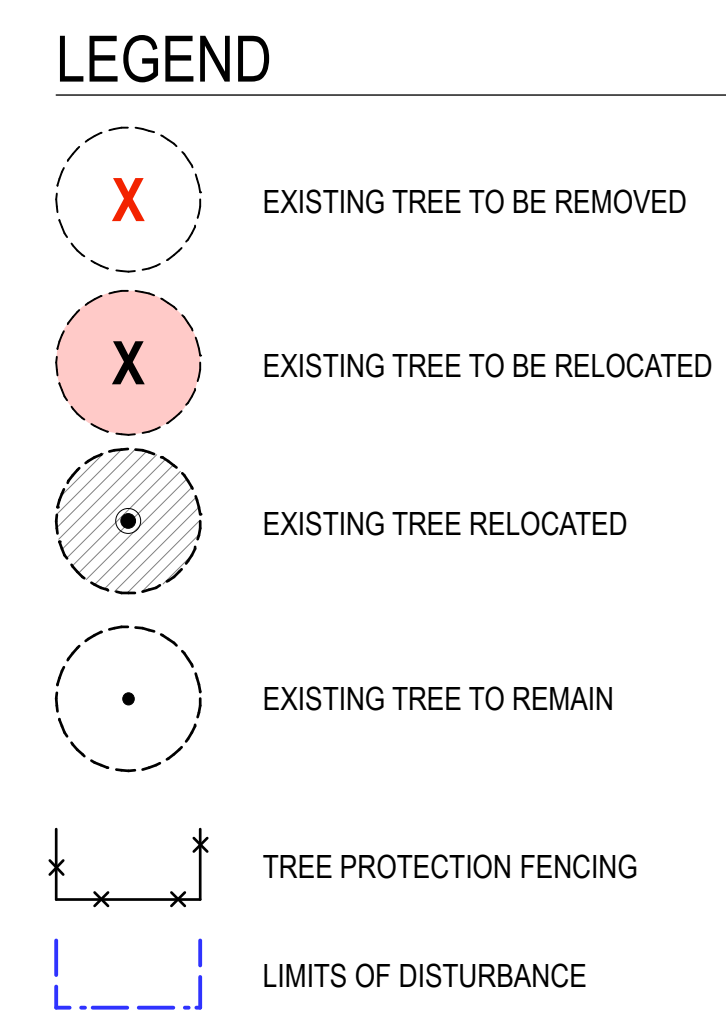
Job No: **03841**
Store: **3841**
Date: **07/27/18**
Drawn By: **JJB**
Checked: **TSB**

Sheet
A-1.0



EXISTING TREE DISPOSITION CHART								
Chick-Fil-A 4670 N State Road 7 - COCONUT CREEK, FL								
TREE NO.	BOTANICAL NAME	COMMON NAME	HT	SPR	DBH	COND	DISPOSITION	CANOPY AREA (sq ft)
1	Quercus virginiana	Live oak	20	20	8	75%	REMOVE	314
2	Quercus virginiana	Live oak	20	20	8	80%	REMOVE	314
3	Roystonia elata	Royal Palm	20'gw	24	20	80%	REMAIN	452
4	Roystonia elata	Royal Palm	20'gw	24	20	80%	REMAIN	452
5	Roystonia elata	Royal Palm	20'gw	24	20	80%	REMAIN	452
6	NOT THERE							
7	Roystonia elata	Royal Palm	25'gw	8	18	20%	REMAIN	50
8	Roystonia elata	Royal Palm	20'gw	20	20	70%	REMAIN	314
9	Roystonia elata	Royal Palm	20'gw	24	20	80%	RELOCATED	452
10	Roystonia elata	Royal Palm	20'gw	20	18	70%	REMAIN	314
11	Roystonia elata	Royal Palm	20'gw	24	20	80%	RELOCATED	452
12	NOT THERE							
13	Roystonia elata	Royal Palm	20'gw	24	18	80%	REMAIN	452
14	Roystonia elata	Royal Palm	18'gw	24	18	80%	RELOCATED	452
15	Roystonia elata	Royal Palm	20'gw	24	20	80%	REMAIN	452
16	Wodyetia bifurcata	Foxtail Palm	14'gw	10	6	60%	RELOCATED	79
17	Wodyetia bifurcata	Foxtail Palm	12'gw	10	6	60%	RELOCATED	79
18	Quercus virginiana	Live oak	25	25	10	80%	RELOCATED	491
19	Quercus virginiana	Live oak	25	25	8	80%	RELOCATED	491
20	Wodyetia bifurcata	Foxtail Palm	10'gw	10	6	60%	RELOCATED	79
21	Wodyetia bifurcata	Foxtail Palm	12'gw	10	8	60%	RELOCATED	79
22	Wodyetia bifurcata	Foxtail Palm	10'gw	10	6	60%	RELOCATED	79
23	Ficus ssp	Banyan	50	60	48	60%	REMAIN	2826
24	Ficus ssp	Banyan	50	60	48	60%	REMAIN	2826
25	Ficus ssp	Banyan	50	60	60	60%	REMAIN	2826
26	Quercus virginiana	Live oak	25	20	8	70%	REMAIN	314
27	Sabal palmetto	Cabbage Palm	25'tc	10	12	75%	REMAIN	79
28	Sabal palmetto	Cabbage Palm	25'tc	10	14	75%	REMAIN	79
29	Sabal palmetto	Cabbage Palm	25'tc	10	12	75%	REMAIN	79
30	Sabal palmetto	Cabbage Palm	20'tc	10	10	75%	REMAIN	79
31	Ficus ssp	Banyan	50	40	60	60%	REMAIN	1286
32	Quercus virginiana	Live oak	30	12	8	60%	REMAIN	113
33	Sabal palmetto	Cabbage Palm	20'tc	10	10	70%	REMAIN	79
34	Sabal palmetto	Cabbage Palm	25'tc	10	14	70%	REMAIN	79
35	Sabal palmetto	Cabbage Palm	22'tc	10	14	70%	REMAIN	79
36	Sabal palmetto	Cabbage Palm	20'tc	10	10	70%	REMAIN	79
37	Sabal palmetto	Cabbage Palm	25'tc	10	14	70%	REMAIN	79
38	Sabal palmetto	Cabbage Palm	20'tc	10	12	70%	REMAIN	79
39	Quercus virginiana	Live oak	25	20	8	70%	RELOCATED	314
40	Ficus ssp	Banyan	50	60	96	65%	REMAIN	2826
41	Ligustrum lucidum	Privet	10	8	multi	65%	REMAIN	50
42	Ligustrum lucidum	Privet	10	10	multi	65%	REMAIN	79
43	Ligustrum lucidum	Privet	8	10	multi	60%	REMAIN	79
44	Ligustrum lucidum	Privet	8	8	multi	75%	REMAIN	50
45	Ligustrum lucidum	Privet	8	8	multi	75%	REMAIN	50
46	Ligustrum lucidum	Privet	8	8	multi	75%	REMAIN	50
47	Lagerstromia indica	Crape Myrtle	15	15	multi	70%	RELOCATED	177
48	Lagerstromia indica	Crape Myrtle	15	15	multi	70%	RELOCATED	177
49	Ilex cassine	Dahoon Holly	12	5	3	75%	REMOVE	20
50	Ilex cassine	Dahoon Holly	12	5	3	70%	REMOVE	20
51	Lagerstromia indica	Crape Myrtle	15	15	multi	80%	REMAIN	177
52	Lagerstromia indica	Crape Myrtle	15	15	multi	80%	REMAIN	177
53	Lagerstromia indica	Crape Myrtle	15	15	multi	80%	REMAIN	177
54	Ilex cassine	Dahoon Holly	12	6	3	75%	REMOVE	26
55	Ilex cassine	Dahoon Holly	10	4	2.5	55%	REMOVE	13
56	Ilex cassine	Dahoon Holly	10	4	2.5	55%	REMOVE	13
57	Ilex cassine	Dahoon Holly	10	4	2.5	55%	REMOVE	13
58	Ilex cassine	Dahoon Holly	12	6	3	70%	REMOVE	20
59	Lagerstromia indica	Crape Myrtle	12	15	multi	80%	RELOCATED	177
60	Lagerstromia indica	Crape Myrtle	12	15	multi	80%	RELOCATED	177
61	Psychosperma elegans	Double Alexander Palm	8'10'gw	8	3.3	80%	REMOVE	50
62	Lagerstromia indica	Crape Myrtle	12	15	multi	80%	RELOCATED	177
63	Psychosperma elegans	Triple Alexander Palm	8'10'12'gw	15	3.3.4	75%	REMOVE	177
64	Lagerstromia indica	Crape Myrtle	12	20	multi	80%	RELOCATED	314
65	Ligustrum lucidum	Privet	10	10	multi	75%	REMOVE	79
66	Ilex cassine	Dahoon Holly	12	6	2.5	85%	REMOVE	28
TOTAL CANOPY COVERAGE TO BE REMOVED (sq ft): 1007								
TOTAL CANOPY REPLACEMENT PROVIDED: 2350								

ARBORIST REPORT 4.23.18 BY:
Michael Grosswirth, PLA, ASLA, ISA
 Landscape Architect LA6666871
 ISA Certified Arborist FL-9157A Thomas Engineering Group
 Ft. Lauderdale, FL
 954-202-7000



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 5200 Buffington Road
 Atlanta, Georgia 30349-2998



770.442.8171 tel
 770.442.1123 fax
 Manley Land Design, Inc.
 51 Old Canton Street
 Alpharetta, Georgia 30009
 manleylanddesign.com

CHICK-FIL-A
 Coconut Creek
 4670 N. State Road 7
 Coconut Creek, FL 33073

FSU# 3841

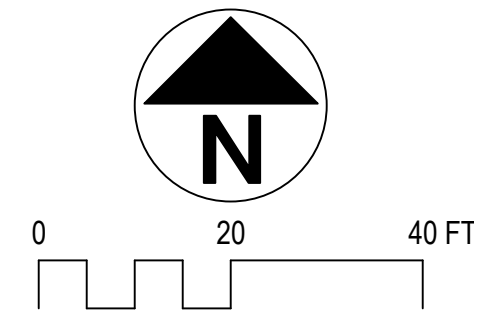
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1	4/30/18	City Comments
2	7/27/18	City Comments
4	8/10/18	City Comments/Site Change
5	10/3/18	City Comments/Site Change

MLD PROJECT # 2017161
 PRINTED FOR Permit
 DATE 11.21.17
 DRAWN BY SLG

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 SHEET

Permit **Tree Removal / Relocation Plan**

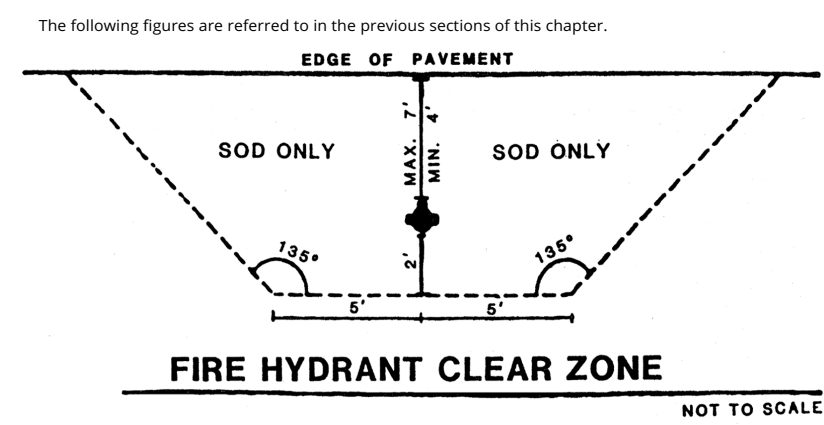
SHEET NUMBER **L-100**



LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE RELOCATED
- EXISTING TREE RELOCATED
- EXISTING TREE TO REMAIN
- TREE PROTECTION FENCING
- LIMITS OF DISTURBANCE

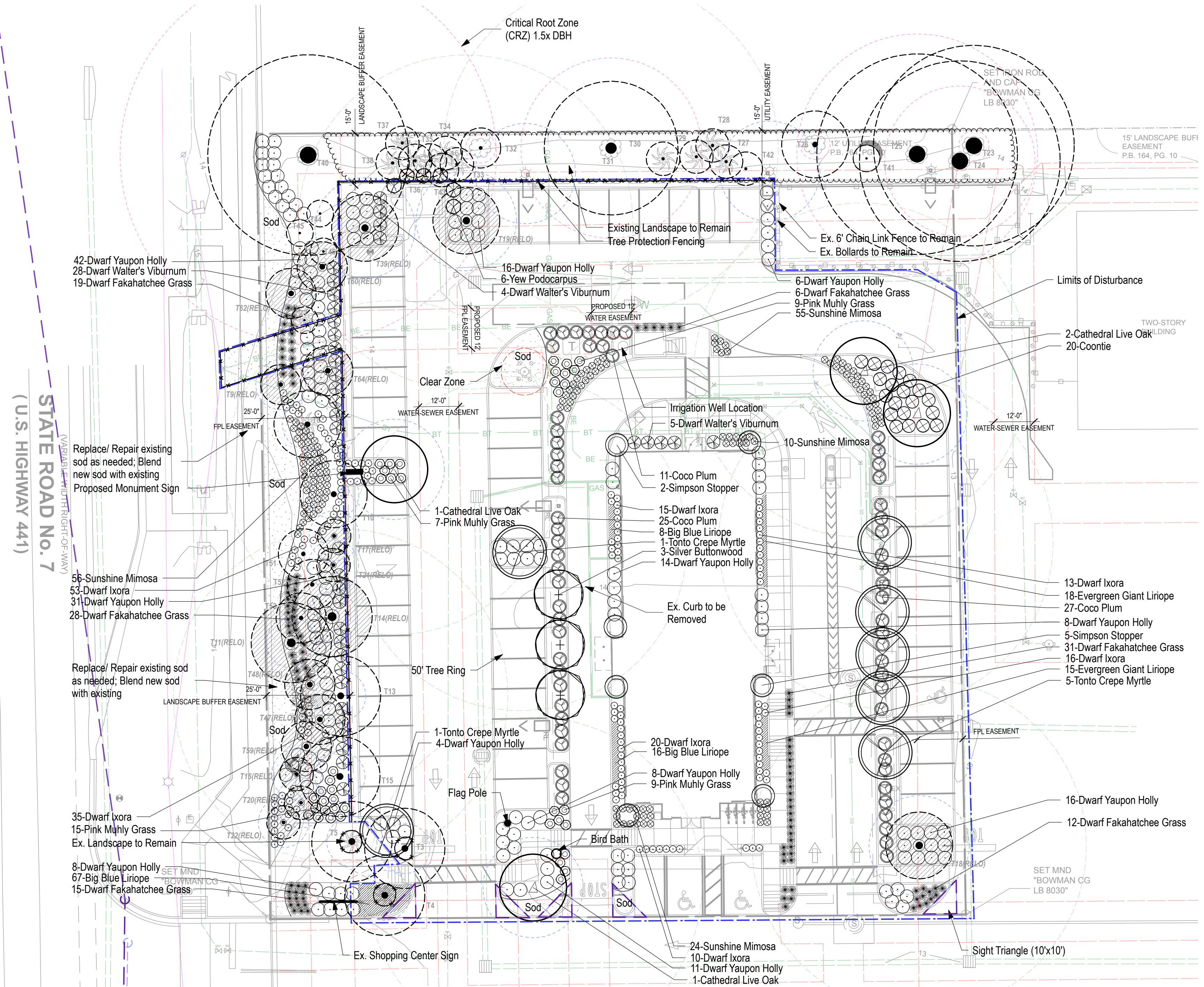
Sec. 13-276 - Figures.



Bird Bath Imagery

LANDSCAPE NOTES

- SOUTHEAST**
- Landscape Contractor to read and understand the Landscape Specifications (sheet L-102) prior to finalizing bids. The Landscape Specifications shall be adhered to throughout the construction process.
 - Contractor is responsible for locating and protecting all underground utilities prior to digging.
 - Contractor is responsible for protecting existing trees from damage during construction.
 - All tree protection devices to be installed prior to the start of land disturbance, and maintained until final landscaping.
 - All tree protection areas to be protected from sedimentation.
 - All tree protection fencing to be inspected daily, and repaired or replaced as needed.
 - No parking, storage or other construction activities are to occur within tree protection areas.
 - All planting areas shall be cleaned of construction debris (i.e. concrete, rock, rubble, building materials, etc) prior to adding and spreading of the topsoil.
 - General Contractor is responsible for adding a min of 4" clean friable topsoil in all planting beds and all grassed areas. Graded areas to be held down the appropriate elevation to account for topsoil depth. See Landscape Specifications for required topsoil characteristics.
 - In all parking lot islands, the General Contractor is responsible to remove all debris, fracture/loosen subgrade to a min. 24" depth. Add topsoil to a 6"-8" bermed height above island curbing; refer to landscape specifications and landscape island detail.
 - Prior to beginning work, the Landscape Contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by the General Contractor and observe the site conditions under which the work is to be done. Notify the General Contractor of any unsatisfactory conditions, work shall not proceed until such conditions have been corrected and are acceptable to the Landscape Contractor.
 - Any deviations from the approved set of plans are to be approved by the Landscape Architect.
 - Landscaping shall be installed in conformance with ANSI Z60.1, the "American Standard for Nursery Stock" and the accepted standards of the American Association of Nurserymen.
 - Existing grass in proposed planting areas shall be killed and removed. Hand rake to remove all rocks and debris larger than 1 inch in diameter, prior to adding topsoil and planting shrubs.
 - Soil to be tested to determine fertilizer and lime requirements prior to laying sod.
 - Annual and perennial beds: add min. 4 inch layer of organic material and till to a min. depth of 12 inches. Mulch annual and perennial beds with 2-3 inch depth of mini nuggets.
 - All shrubs beds (existing and new) to be mulched with a min. 3 inch layer of mulch (double shredded hardwood mulch).
 - Planting holes to be dug a minimum of twice the width of the root ball, for both shrub and tree. Set plant material 2-3" above finish grade. Backfill planting pit with topsoil and native excavated soil.
 - Sod to be delivered fresh (Cut less than 24 hours prior to arriving on site), laid immediately, rolled, and watered thoroughly immediately after planting. Edge of sod at planting beds are to be "V" trenched; see Landscape Details.
 - Any existing grass disturbed during construction to be fully removed, regraded and replaced. All tire marks and indentations to be repaired.
 - Water thoroughly twice in first 24 hours and apply mulch immediately.
 - The Landscape Contractor shall guarantee all plants installed for one full year from date of acceptance by the owner. All plants shall be alive and at a vigorous rate of growth at the end of the guarantee period. The Landscape Contractor shall not be responsible for acts of God or vandalism. See Landscape Specifications for Warranty requirements/expectations.
 - Any plant that is determined dead, in an unhealthy, unsightly condition, lost its shape due to dead branches, or other symptoms of poor, non-vigorous growth, shall be replaced by the Landscape Contractor. See Landscape Specifications for warranty requirements/expectations.
 - Site to be 100% irrigated in all planting beds and grass area by an automatic underground irrigation system. See Irrigation Plan L-200 for design. Irrigation as-built shall be provided to the Landscape Architect within 24 hours of irrigation install completion.
 - Stake all evergreen and deciduous trees as shown in the planting detail and as per the Landscape Specifications.
 - Remove stakes and guying from all trees after one year from planting.



**CITY OF COCONUT CREEK
STANDARD LANDSCAPE NOTES**

- All landscape and specifications shall meet or exceed the minimum requirements as provided in the City of Coconut Creek Land Development Code. Plans are incomplete without written notes and specifications.
- All planting material shall meet or exceed Florida Grade #1 as specified in Grades and Standards for Nursery Plants, current edition. Trees shall not be tipped, topped, or shaped prior to installation.
- Landscaping shall be placed to edge of abutting streets, canals, lakes or other lands.
- All mechanical equipment, air conditioning, irrigation pump stations and equipment, FPL transformers, pool pumps, etc., must be screened on three (3) sides by landscape shrubs.
NOTE: The quantity of screening shrubs is in addition to the required number of shrubs as provided in the code calculation table. All screening shrubs shall be planted for proper operation of equipment being screened and/or per the requirements of the utility as necessary. All hedge material required for screening purposes shall be planted with branches touching. Adjust on-center spacing as necessary and/or provide additional plants to provide an adequate screen.
- Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two inches, tree trunks excluded. Measurement shall be made from top of root ball planted at proper elevation.
NOTE: The quantity of screening shrubs is in addition to the required number of shrubs as provided in the code calculation table. All screening shrubs shall be planted for proper operation of equipment being screened and/or per the requirements of the utility as necessary. All hedge material required for screening purposes shall be planted with branches touching. Adjust on-center spacing as necessary and/or provide additional plants to provide an adequate screen.
- Burlap material, wire cages, plastic/canvas straps, etc., must be cut and removed for the top one-half (1/2) depth of the root ball. Trees and shrubs grown in grow bags or grow bag type material must have such material REMOVED ENTIRELY prior to planting the tree or shrub.
- All plant material shall be free of pests, insects, diseases, weeds, etc.
- All required landscape material shall be installed using a planting soil mix comprised of a type appropriate to the individual proposed plant material and the native soil found on the site.
- All plant material shall be planted at the proper depth, as originally grown and/or so the top of the root ball is flush or slightly above finished grade immediately after planting. All trees should provide trunk taper when properly planted at the correct planting depth.
- All plant material shall be watered in at time of planting to eliminate air pockets in the root zone area.
- Upon completion of work, the site shall be cleared of all debris, superfluous materials, and equipment caused by this permit to the satisfaction of the inspector.
- Refer to Coconut Creek Fire Equipment Clear Zone diagram to maintain a safe zone fronting fire hydrants.
- Do not plant trees, shrubs or groundcover within Electric Meter Clear Zone. Provide a safe zone as described by the Electrical Inspector.
- All landscaped areas shall be provided with an underground fully automatic irrigation system using pop-up sprinklers. System shall provide 100% coverage with 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 an impervious surface such as a sidewalk, etc. Hours of operation for all irrigation systems shall be limited to 5:00 p.m. to 8:00 a.m. only or as may be further restricted by South Florida Water Management District or other jurisdictional agency. Irrigation permits and plans shall be submitted for approval at time of building permits.
- All non-single family or duplex irrigation systems other than City water systems shall require a South Florida Water Management District water use permit prior to issuance of an irrigation permit and installation of the irrigation system as required.
- All site amenities to include site street lights, landscape common open space, irrigation common open space, buffers, berms, landscape entry features, etc. leading up to and including the model center and/or first certificate of occupancy must be completed and functional prior to issuance of the first requested certificate of occupancy.
- The height of all required, designed and installed berms shall be from the highest adjacent point whether it is the sidewalk, parking area, vehicular use area, surrounding ground, etc. Where a berm abuts a sidewalk, there shall be a one (1) foot level sod area adjacent to the sidewalk prior to the start of incline for the berm.
An inspection is required prior to the backfilling of trees/palms in all parking medians and islands.

NOTE: THIS COMMENT SHEET IS TO BE PLACED ON ALL LANDSCAPE PLANS "AS IS".
Action 2.1 - Achieve 40% tree canopy coverage throughout the City with maximum tree coverage on public and private land by 2020.

LANDSCAPE REQUIREMENTS

A. INTERIOR LANDSCAPE IN VUA	
REQUIRED	1. 1 Tree per 10 spaces 55 spaces / 10 = 6 Trees
	2. 1 SF of landscape area for every 100 SF of VUA 25,023 SF / 100 = 250 SF Required
PROVIDED	1. 3 Ex. Live Oak Relocated (T39, T18, T19), 3 live Oak 2. 5,673 SF of interior landscape area provided
B. PERIMETER LANDSCAPE	
REQUIRED	1. Min. 10' width along the East and North property lines 2. 1 Tree per 40 LF East: 186 LF / 40 (excludes ex. playground) = 5 Trees North: 208 LF / 40 = 5 Trees 3. Continuous hedge (min. 24" hgt.)
PROVIDED	1. 15' Buffer provided to the North; Existing Drive at East 2. East: 5 Tonto Crepe Myrtle North: 5 Ex. Trees (25,26,31,32,41) 3. Continuous hedge provided along both
C. ROADWAY LANDSCAPE BUFFERS	
REQUIRED	1. 1 Tree per 2000 SF of total landscape area 5807 SF / 2000 = 3 Trees 2. 24" hgt evergreen hedge required to screen parking area 3. Min. 40 shrub per 2000 SF of total landscape area 5807 SF / 2000 x 40 = 120 Shrubs
PROVIDED	1. 1 Ex. Tree (40), 6 Palms (3,4,5,13,15,10) 2. Viburnum hedge provided along entire parking area at road frontage 3. 256 Shrubs provided
D. STREET TREES	
REQUIRED	1. 1 Tree per 40 LF 232 LF / 40 = 6 Trees
PROVIDED	1. 7 Palms (8, 9,16, 20, 22, 17, 21), 9 Ex. Crepe Myrtles (51,52,53,60,61,64,59,48,47)
E. FOUNDATION PLANTING	
REQUIRED	1. 1 Tree, 20 Shrubs, 30 Groundcovers per 40 LF of building LF 288 LF / 40 = 7 Trees, 144 Shrubs, 216 GC
PROVIDED	1. 7 Simpson Stopper, 91 Shrubs, 91 Groundcovers
F. ZONING DISTRICT	
REQUIRED	1. 1 Tree and 5 Shrubs per 1000 SF of area not used for Building and Parking 10,281 SF / 1000 SF = 10.3 = 10 Trees; 51 Shrubs
PROVIDED	1. 21 New Trees, 51 Ex. Trees and Palms; 659 Shrubs
G. TREE REPLACEMENT/ MITIGATION	
REQUIRED	1. 13 Trees Removed (see chart sheet L-100) = 1,097 SF Removed
PROVIDED	1. Qty Tree Total Canopy 4 Live Oak (300 SF) = 1,200 SF 7 Simpson Stopper (100 SF) = 700 SF 3 Silver Buttonwood (150 SF) = 450 SF Total = 2,350 SF

PLANT LIST

Qty	Botanical Name	Common Name	Scheduled Size	Native	Diversity	Remarks
Trees						
3	Conocarpus erectus (var. sericeus)	Silver Buttonwood	Min. 8' Hgt.	Native	4.2%	B & B; Tree Form
7	Lagerstroemia x Tonto'	Tonto Crepe Myrtle	Min. 8' Hgt.	Non-Native	9.71%	B & B; Tree Form
7	Myrciathnes fragrans	Simpson Stopper	Min. 8' Hgt.	Native	9.71%	B & B; Tree Form
4	Quercus virginiana 'SDLN'	Cathedral Live Oak	Min. 2" Cal.; Min. 12' Hgt.	Native	5.56%	B & B; Single Straight Leader
11	Roystonea elata	Royal Palm		Native	15.28%	Existing Trees on Site
5	Quercus virginiana	Live oak		Native	6.94%	Existing Trees on Site
5	Wodyetia bifurcata	Foxtail Palm		Non-Native	6.94%	Existing Trees on Site
5	Ficus banghalensis	Banyan		Native	6.94%	Existing Trees on Site
10	Sabal palmetto	Cabbage Palm		Native	13.89%	Existing Trees on Site
6	Ligustrum lucidum	Privet		Non-Native	8.33%	Existing Trees on Site
9	Lagerstromia indica	Crepe Myrtle		Non-Native	12.50%	Existing Trees on Site
Shrubs						
63	Chrysobalanus icaco	Coco Plum	3 Gal.; Min. 24" O.A.	Native		Hedge
164	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	3 Gal.; Min. 18" O.A.	Native	21.24%	
162	Ixora taiwanensis	Dwarf Ixora	3 Gal.; Min. 12" Hgt.	Non-Native	20.98%	
40	Muhlenbergia capillaris	Pink Muhly Grass	3 Gal.; Min. 18" O.A.	Native	5.18%	
6	Podocarpus macrophyllus	Yew Podocarpus	3 Gal.; Min. 6" Hgt.	Non-Native	0.78%	
111	Tripsacum floridanum	Dwarf Fakahatchee Grass	3 Gal.; Min. 12" Hgt.	Native	14.38%	
37	Viburnum obovatum 'Densa'	Dwarf Walter's Viburnum	3 Gal.; Min. 24" O.A.	Native		Hedge
20	Zamia pumila	Coontie	3 Gal.; Min. 18" O.A.	Native	2.60%	
Groundcovers						
91	Liriope muscari 'Big Blue'	Big Blue Liriope	1 Gal.	Non-Native	11.79%	Plant 18" O.C.
33	Liriope muscari 'Evergreen Giant'	Evergreen Giant Liriope	1 Gal.	Non-Native	4.27%	Plant 18" O.C.
145	Mimosa strigillosa	Sunshine Mimosa	1 Gal.	Native	18.78%	Plant 18" O.C.
1840	Stenotaphrum secundatum	St. Augustine Grass	SF; Sod			

Native Plants:
Required: 50% Native Species.
Provided: 55.6% of Trees are Native; 59.3% of Shrubs and Groundcovers are Native (Sod not included in calculation).

Plant Diversification:
Required: No more than 25% of one species for plant diversification (Hedge and Sod is excluded in calculation).
Provided: Max. 21.24% of one species.



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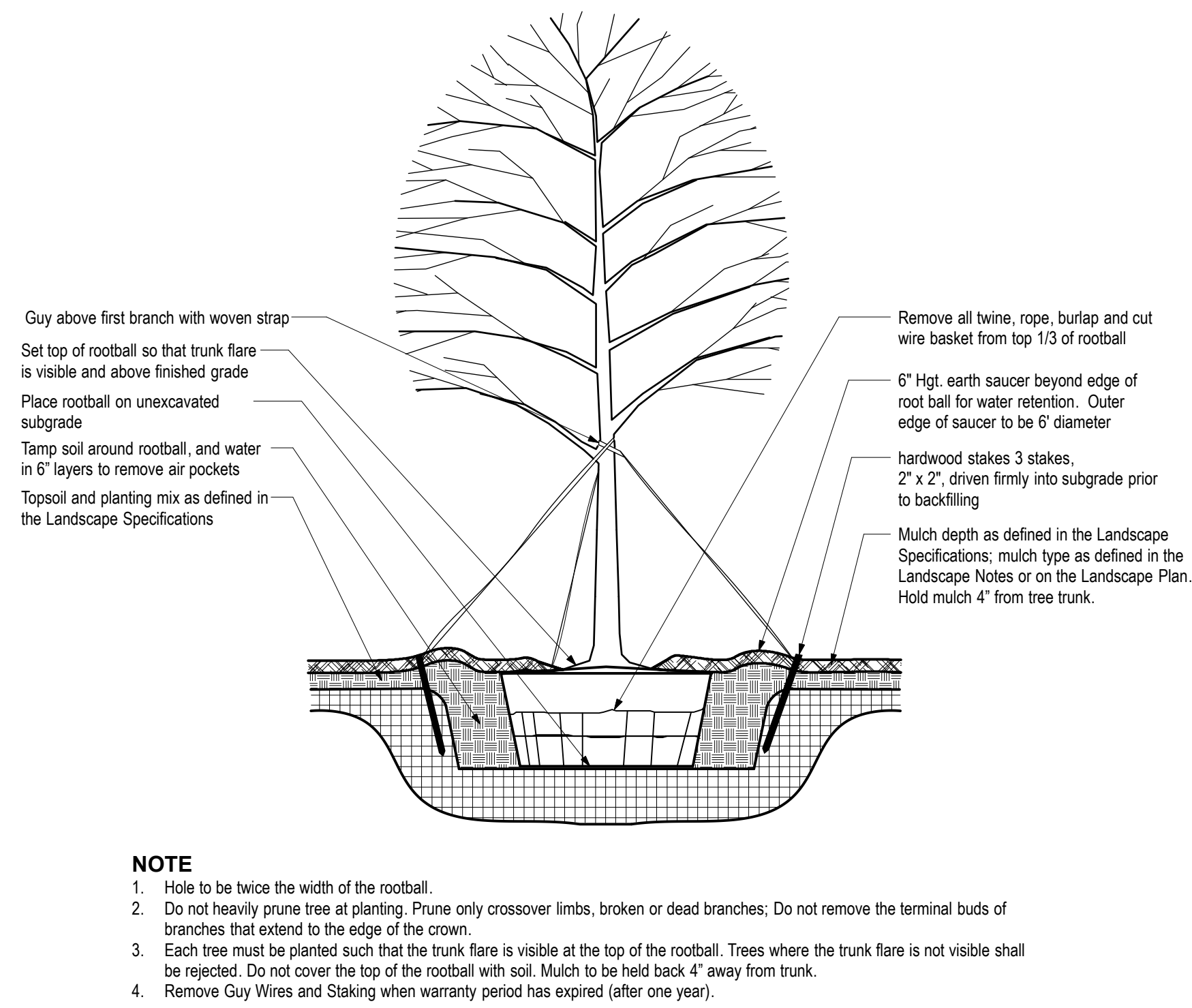
CHICK-FIL-A
Coconut Creek
4670 N. State Road 7
Coconut Creek, FL 33073

FSU# 3841

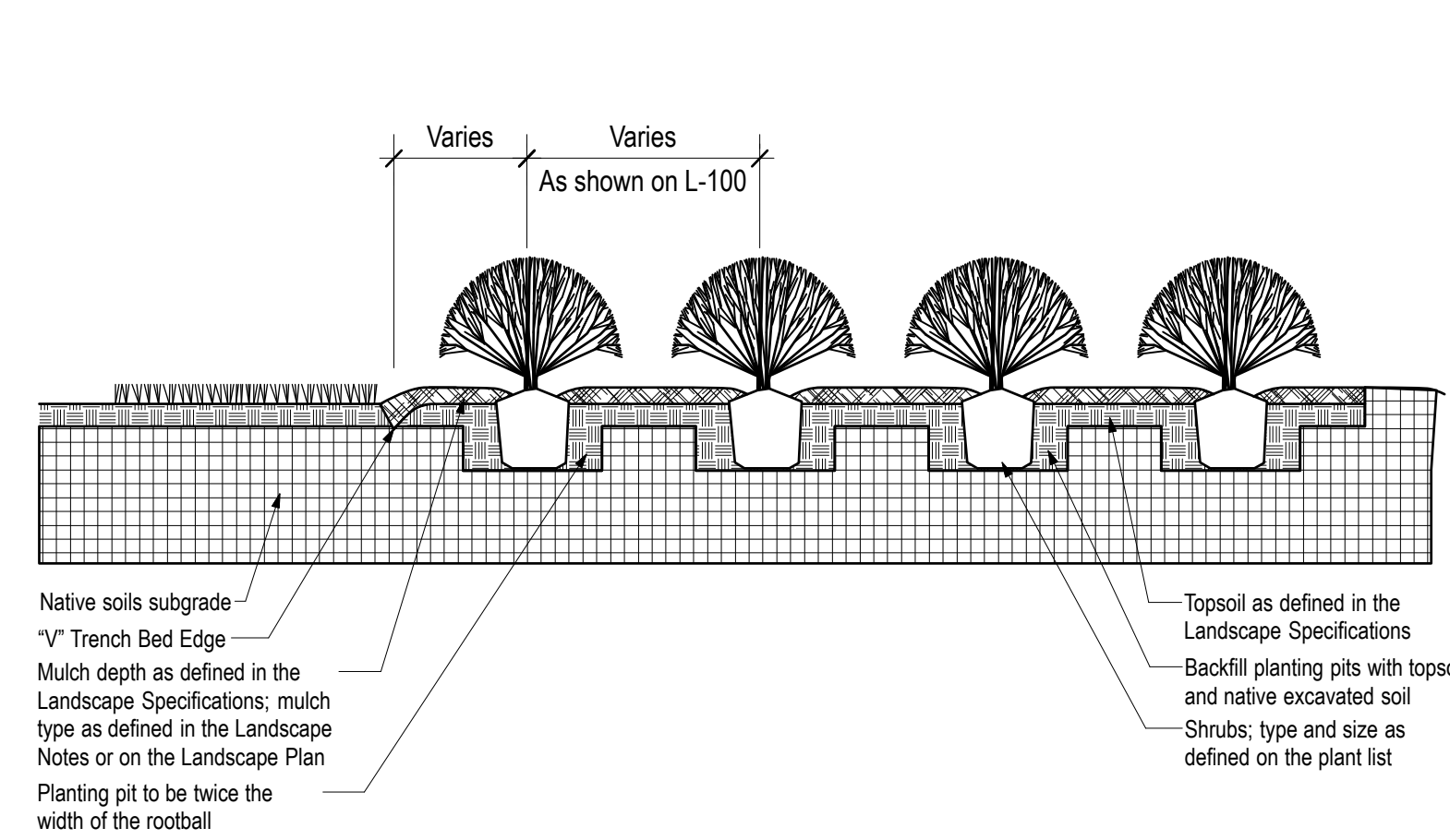
REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	4/30/18	City Comments
2	7/27/18	City Comments
3	8/6/18	City Comments/Site Change
4	8/10/18	City Comments/Site Change
5	10/3/18	City Comments/Site Change
MLD PROJECT # 2017161		
PRINTED FOR Permit		
DATE		11.21.17
DRAWN BY SLG		
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SHEET		

Permit Landscape Plan

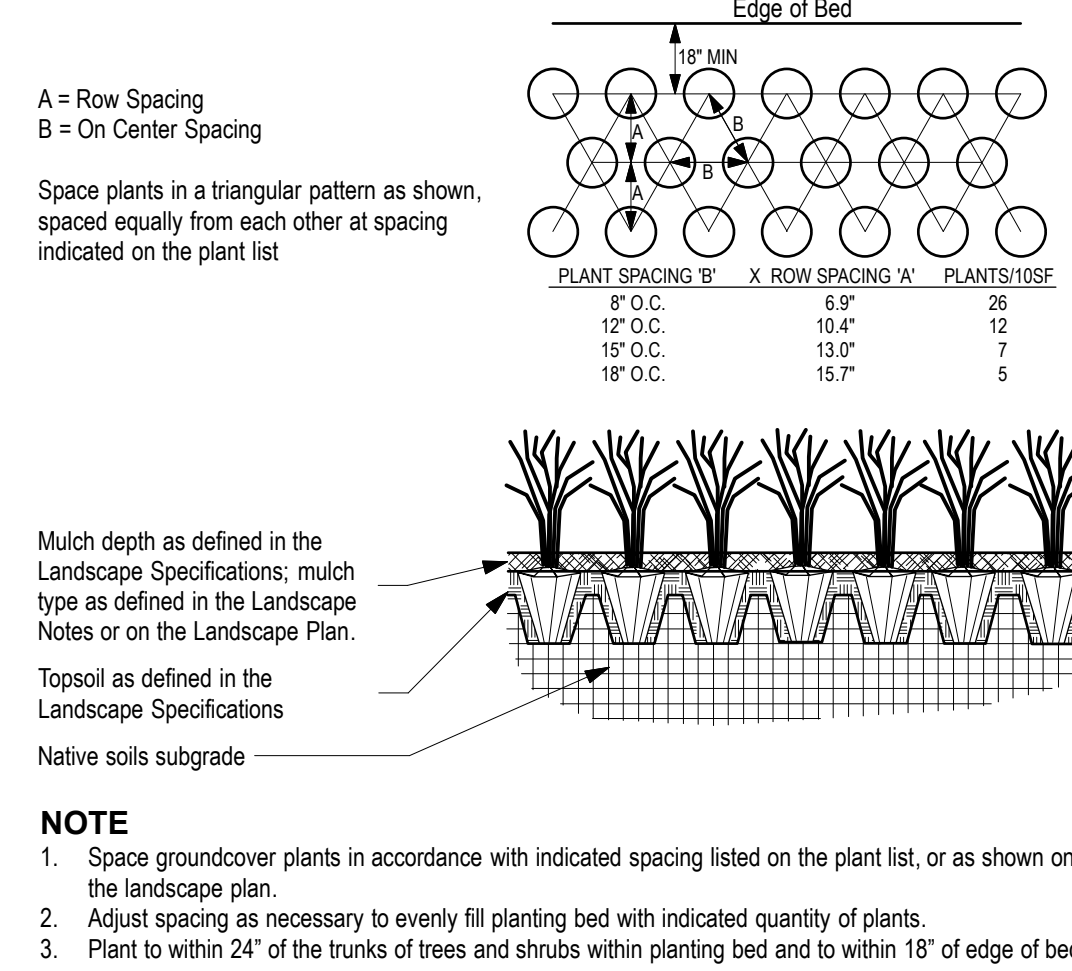
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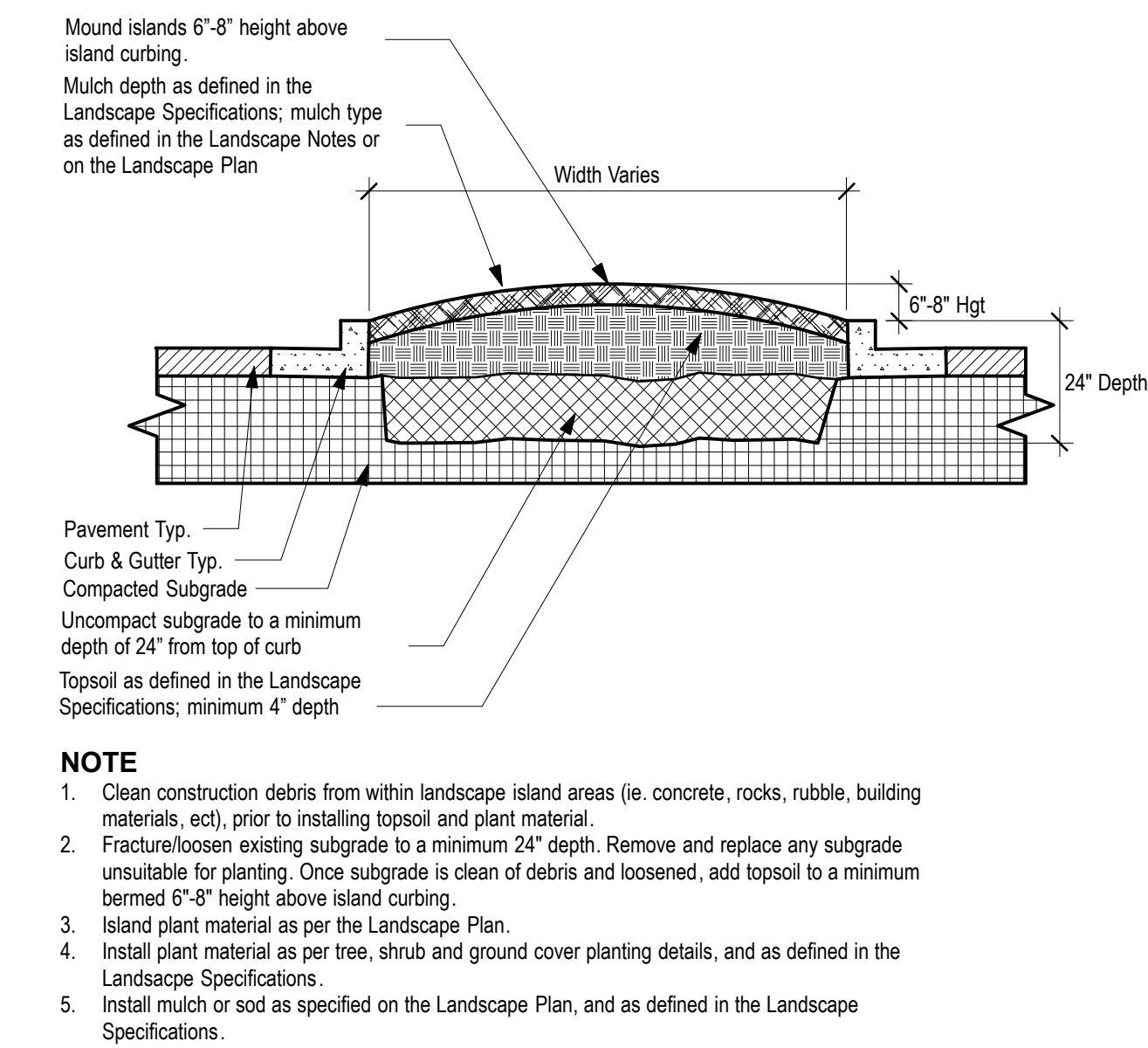
1 TREE PLANTING & STAKING
SCALE: NTS



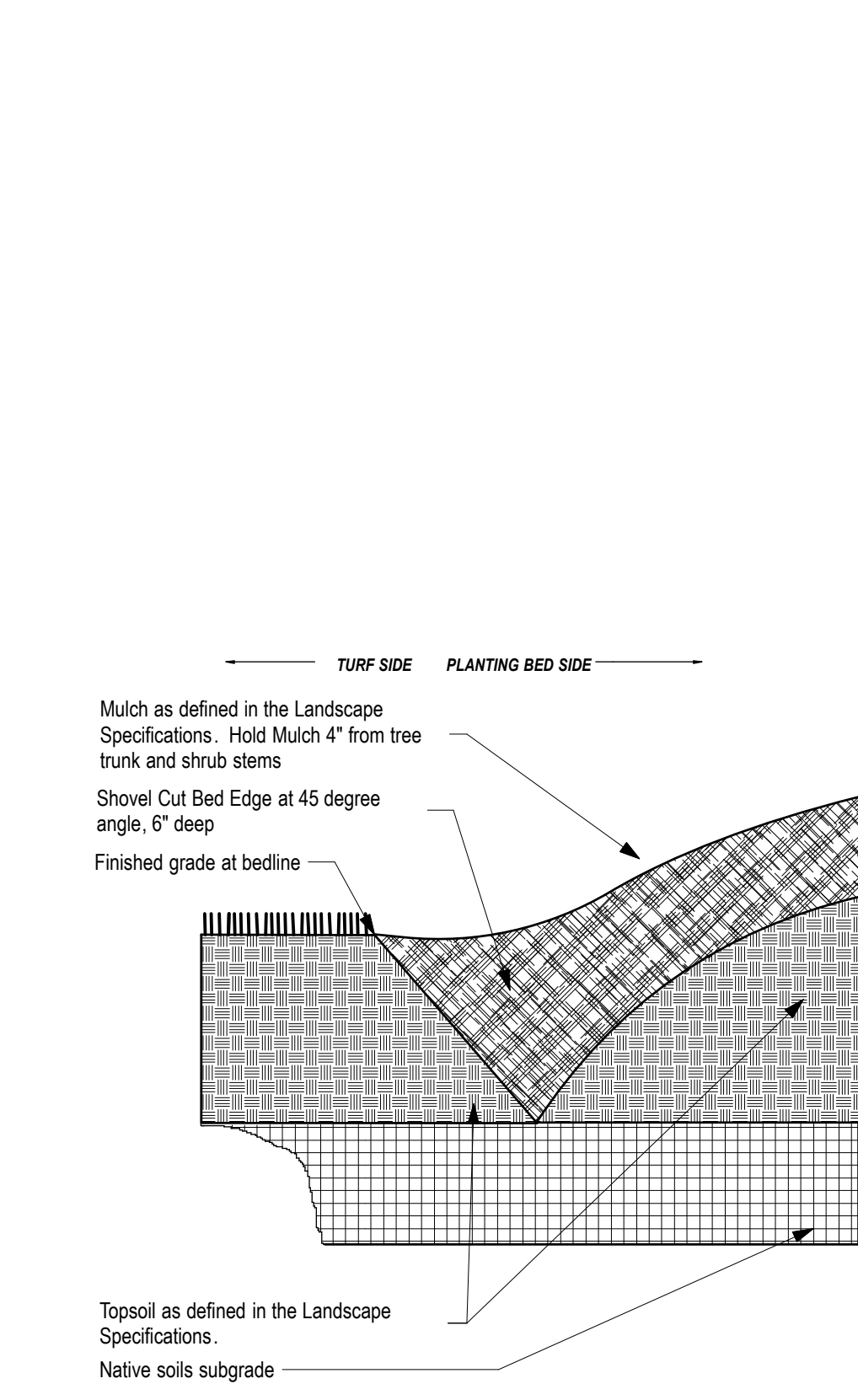
2 SHRUB BED PLANTING DETAIL
SCALE: NTS



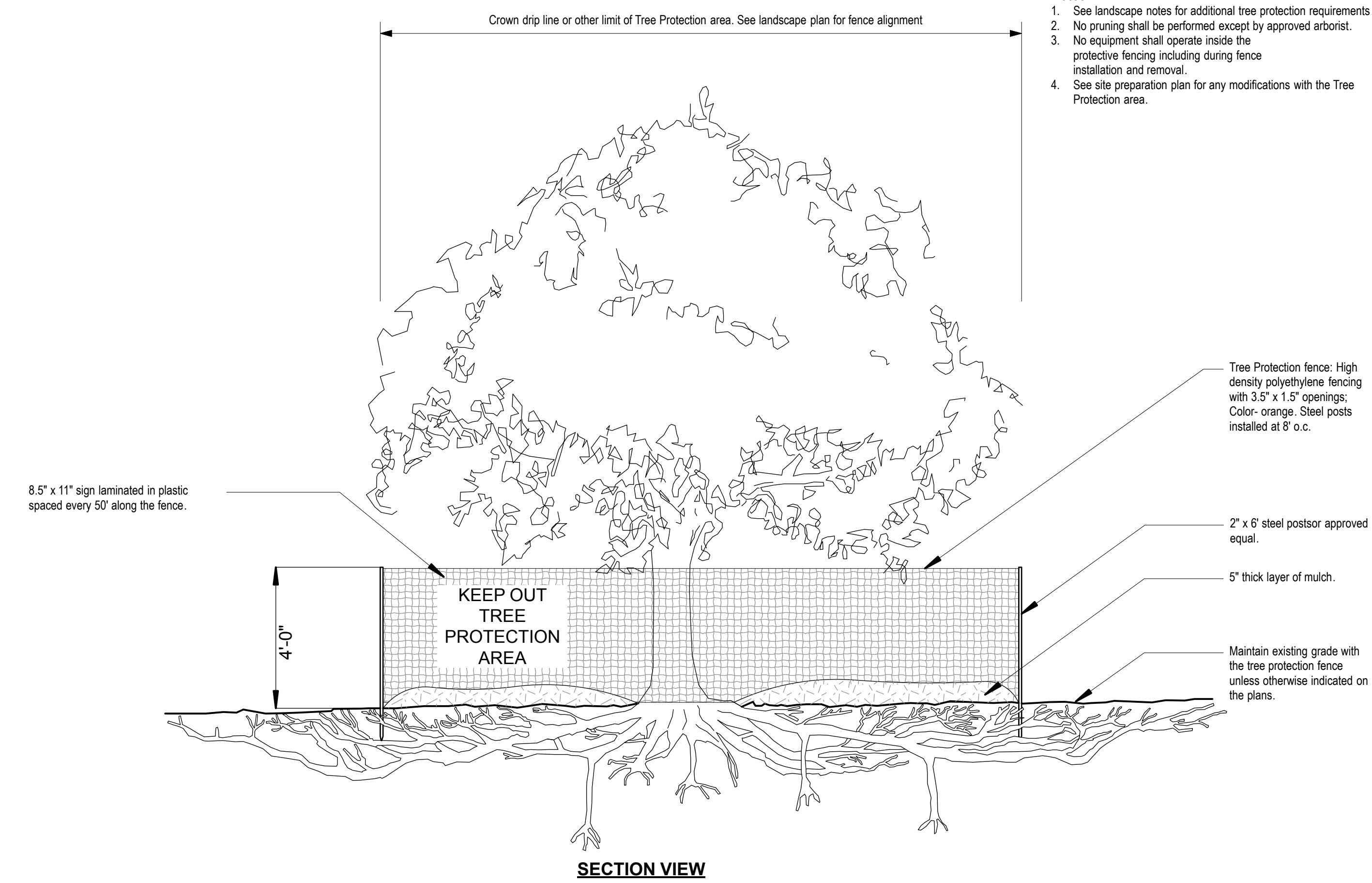
3 "V" TRENCH BED EDGING
SCALE: NTS



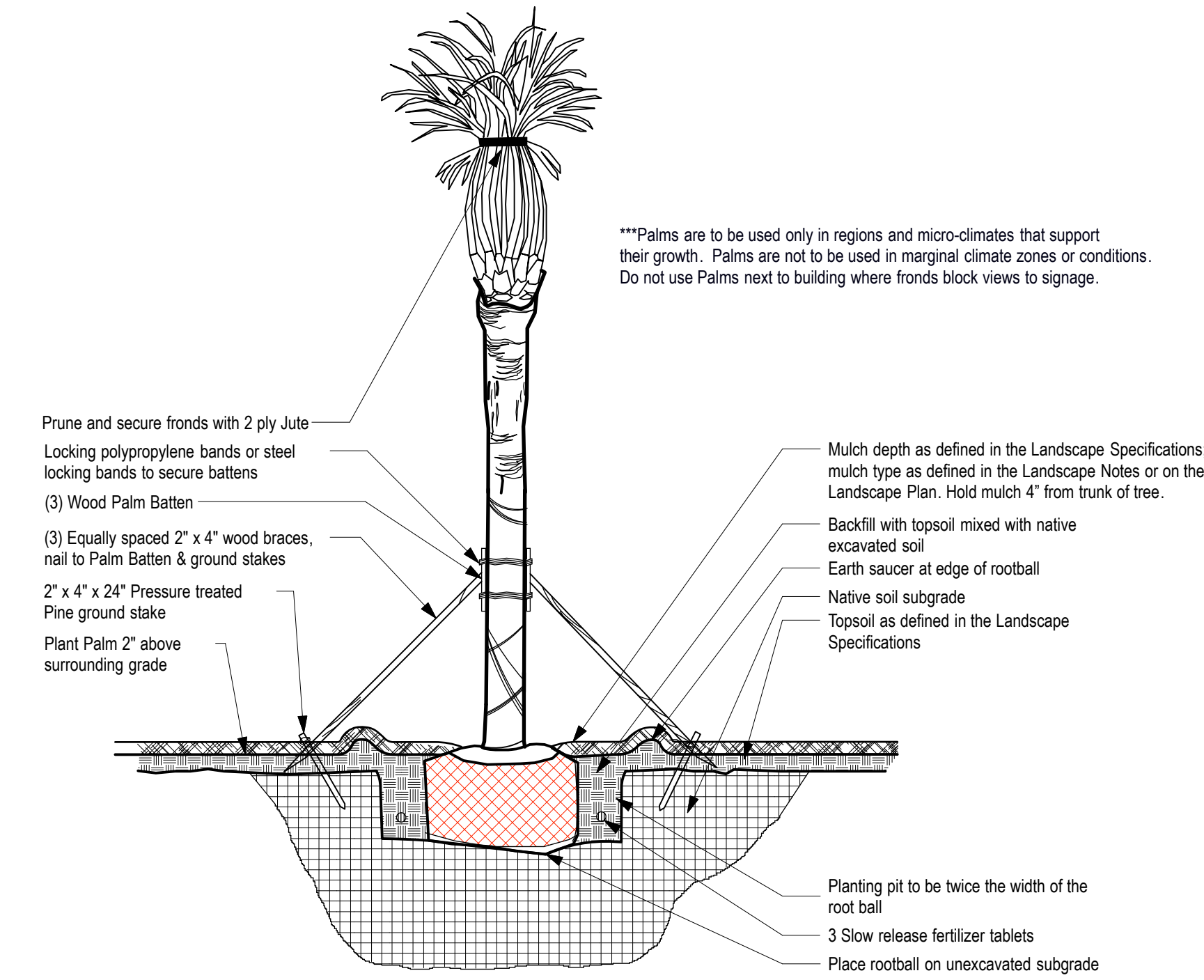
4 PARKING ISLAND DETAIL
SCALE: NTS



5 GROUNDCOVER PLANTING DETAIL
SCALE: NTS



6 TREE PROTECTION FENCING DETAIL
SCALE: NTS



7 PALM PLANTING & STAKING DETAIL
SCALE: NTS



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FSU# 3841

NO.	DATE	DESCRIPTION
1	4/30/18	City Comments
2	7/27/18	City Comments
4	8/10/18	City Comments/Site Change
5	10/3/18	City Comments/Site Change

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SHEET

Permit Landscape Details

SHEET NUMBER **L-102**

URBAN TREE FOUNDATION © 2014
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MLD PROJECT # 2017161
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SHEET

Permit Irrigation Plan

SHEET NUMBER **L-200**

IRRIGATION ZONES

SMART CONTROLLER

1.....	DRIP	6.....	5.37 GPM
2.....	12.12 GPM	7.....	DRIP
3.....	DRIP	8.....	DRIP
4.....	DRIP		
5.....	DRIP		

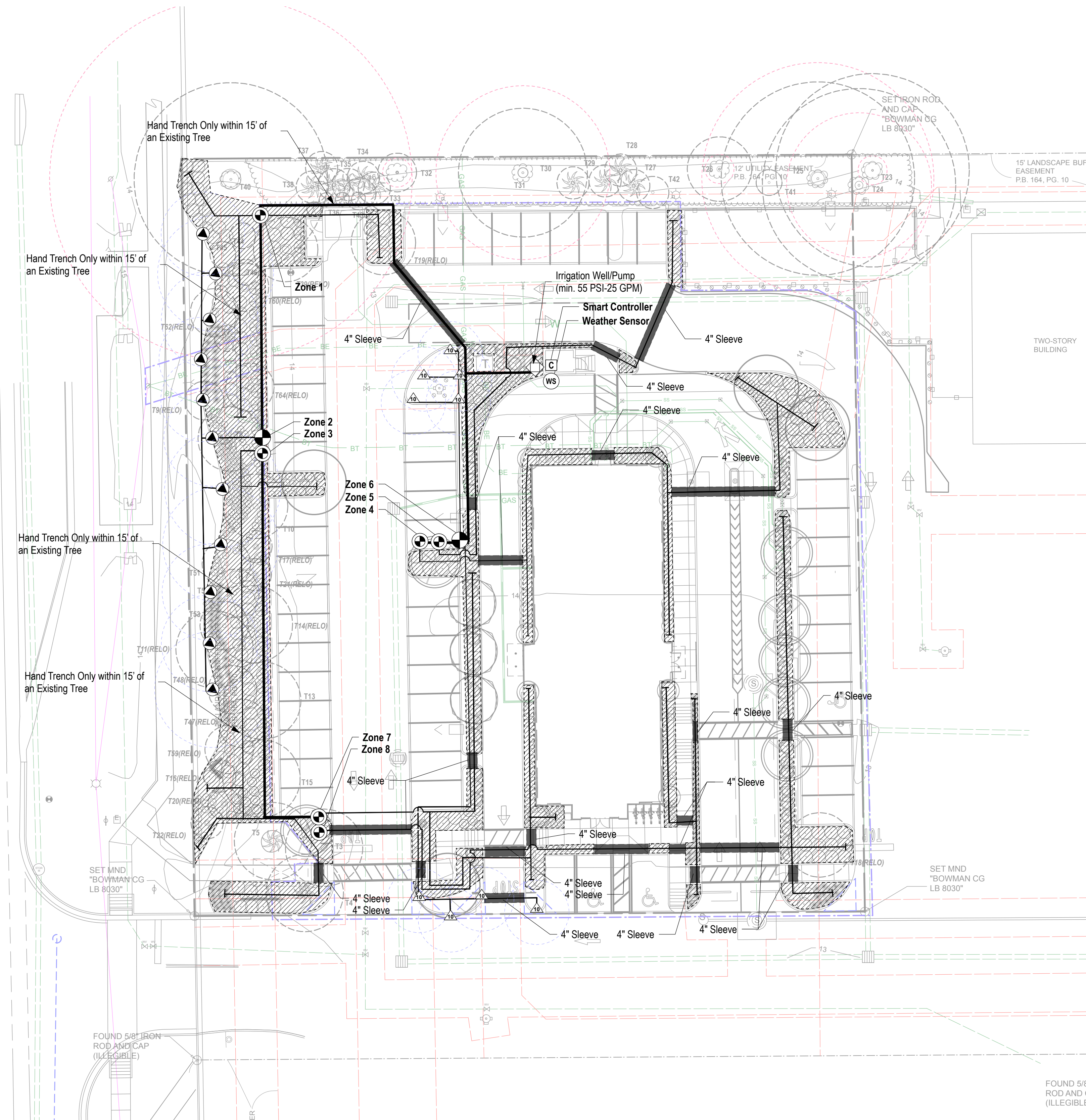
NOTE:
SEE SHEET L-201 FOR IRRIGATION DETAILS

IRRIGATION NOTES

1. Irrigation contractor is responsible for locating and protecting all underground utilities prior to trenching.
2. Pressure regulator required by local code if static water pressure at point of connection for site is greater than 80 psi.
3. Irrigation well and pump shall produce a min. of 55 PSI and 25 GPM
4. All valves to be located in valve box with cover at grade; Locate box in grass area when possible.
5. Automatic controller and weather sensor to be located in the storage room and trash enclosure respectively; Weather Sensor to be free from obstructions and exposed to the weather.
6. All pipes, automatic valves, backflow preventor, manual valve and meter to be located within property lines. Shown outside on drawing for clarity only.
7. 45 psi required per rotor station, 30 psi required per spray station, 40 psi required per drip station. All spray and rotor bodies to have PRS (In-stem pressure regulation) as indicated in the legend.
8. Pop-up height of spray heads to be as follows: 6" in Turf Zones, 12" in Shrub Zones, and 12" in Seasonal/color beds. Rotor height to be 4". MPR Rotor Nozzle size is indicated on drawing for each rotor.
9. 4" SCH 40 PVC sleeves to be located as shown on drawing. Extend sleeve 18" beyond back of curb or pavement. Sleeves to be located and exposed by the general contractor prior to start of irrigation installation.
10. All 1.5" mainlines (class 200 PVC pipe) to have a minimum of 18" cover.
11. All lateral and sub-main pipe (class 200 PVC pipe) to have a minimum of 12" and a maximum of 18" cover.
12. No rocks, boulders, or other extraneous materials to be used in backfilling trenches.
13. All threaded joints to be coated with Teflon Tape or Liquid Teflon.
14. All lines to be thoroughly flushed before installation of sprinkler heads.
15. Must use products specified on this drawing, unless otherwise approved by the Landscape Architect. Refer to the Irrigation Legend for product specs.
16. Irrigation is to be installed as designed, unless otherwise approved by the Landscape Architect.
17. All pipe, valves, drip, spray heads, rotors, controllers, and weather sensors to be installed as per manufacturers specifications. For any questions on Rainbird products or installation of rainbird products call Donn Mann 520-904-1146
18. Irrigation contractor shall provide an as-built drawing to the landscape architect; this drawing shall be overnighted within 24 hours of completion of installation.
19. Irrigation Contractor to perform a walk-thru inspection with the Store Operator of the functioning system prior to opening but no later than one week after opening.

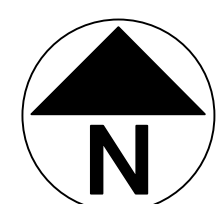
IRRIGATION LEGEND

W	IRRIGATION WELL AND PUMP	WELL AND PUMP SHALL PRODUCE A MIN. 55 PSI AND 25 GPM
S	1" MANUAL SHUTOFF VALVE	1 REQUIRED
PR	BACKFLOW PREVENTER (AS REQUIRED)	AS REQUIRED BY CITY
EV	1" ELECTRICAL MASTER VALVE	1 REQUIRED
	LANDSCAPE DRIPLINE	RAINBIRD XFD-09-18
	0-360 VARIABLE ARC SPRAY NOZZLE - 10' RADIUS	RAINBIRD 1800-PRS-HE-VAN-10
	45-270 ADJUSTABLE ARC ROTARY NOZZLE - 8'-14" RADIUS	RAINBIRD RD1800-S-P45-RVAN14
	45-270 ADJUSTABLE ARC ROTARY NOZZLE - 13'-18" RADIUS	RAINBIRD RD1800-S-P45-RVAN18
	45-270 ADJUSTABLE ARC ROTARY NOZZLE - 17'-24" RADIUS	RAINBIRD RD1800-S-P45-RVAN1724
	1" ELECTRIC VALVE	RAINBIRD 100-PGA
	1" DRIP CONTROL ZONE VALVE	RAINBIRD XCCZ-100-PRB-COM
C	AUTOMATIC SMART CONTROLLER	RAINBIRD ESP-SMTc (120V required); expansion modules as needed
WS	WEATHER SENSOR	INCLUDED W/IT CONTROLLER
	MAINLINE AND LATERAL LINE	CLASS 200 PVC IRRIGATION PIPE AND FITTINGS - 1.5" MAINLINE, 1" LATERAL LINES
	IRRIGATION SLEEVE - 4" SCH 40 PVC	4" SCH 40 PVC SLEEVE UNDER PAVEMENT Installation of sleeves by contractor in location as shown on plan.

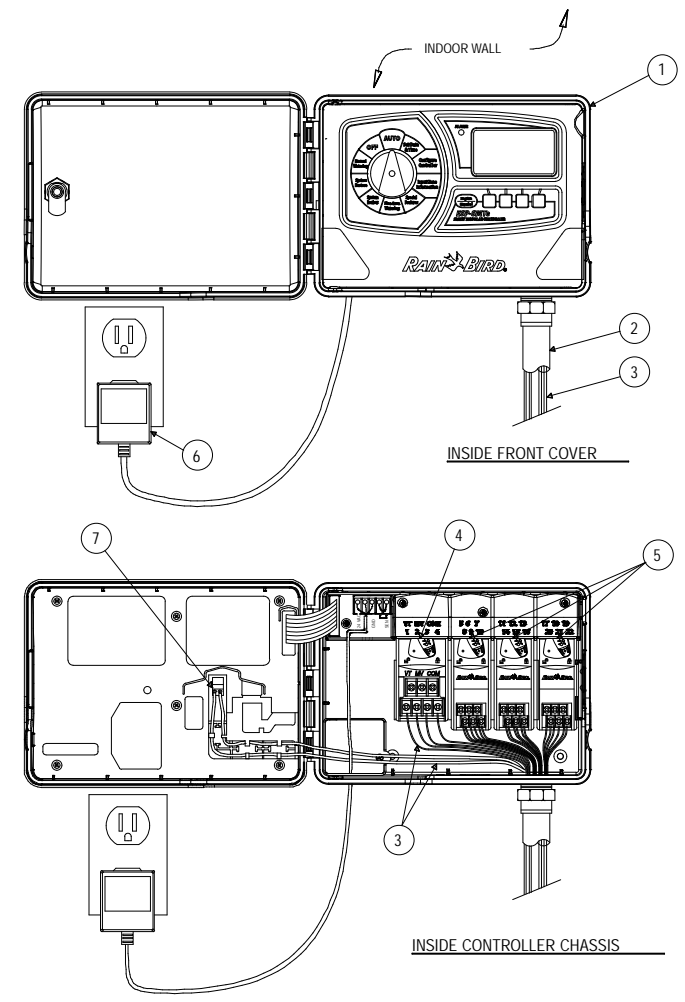


Irrigation contractor shall provide an as built drawing to the landscape architect. This drawing shall be overnighted to Manley Land Design, Inc within 24 hours of completion of installation.

Irrigation Contractor to perform a walk-thru inspection with the Store Operator of the functioning system prior to opening but no later than one week after opening.

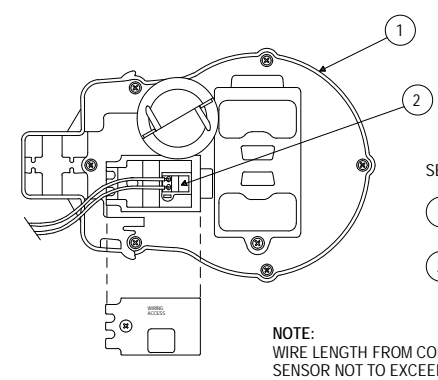


0 20 40 FT

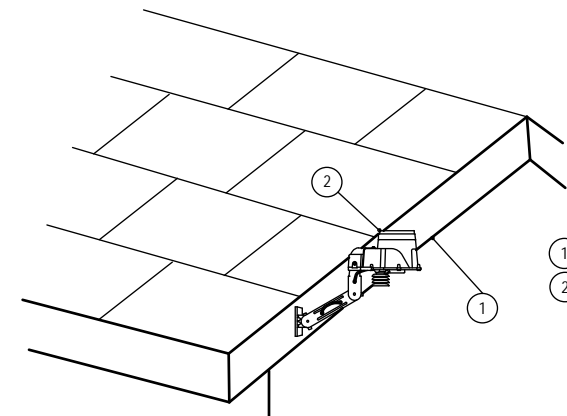


GENERAL NOTES:

- RAIN BIRD (ESPMTE) ROOF WALL MOUNT
- 1/2" INCH PVC SCH 40 CONDUIT AND FITTINGS
- WIRES TO REMOTE CONTROL VALVES AND SENSOR
- STANDARD MODULE FOR 4 STATION CONTROLLER
- OPTIONAL MODULES FOR 22 STATION CONTROLLER
- 120 VAC, 60 HZ EXTERNAL PLUG-IN TRANSFORMER
- CONNECTION FOR WIRES FROM SENSOR



- NOTE: WIRE LENGTH FROM CONTROLLER TO SENSOR NOT TO EXCEED 200 FEET.



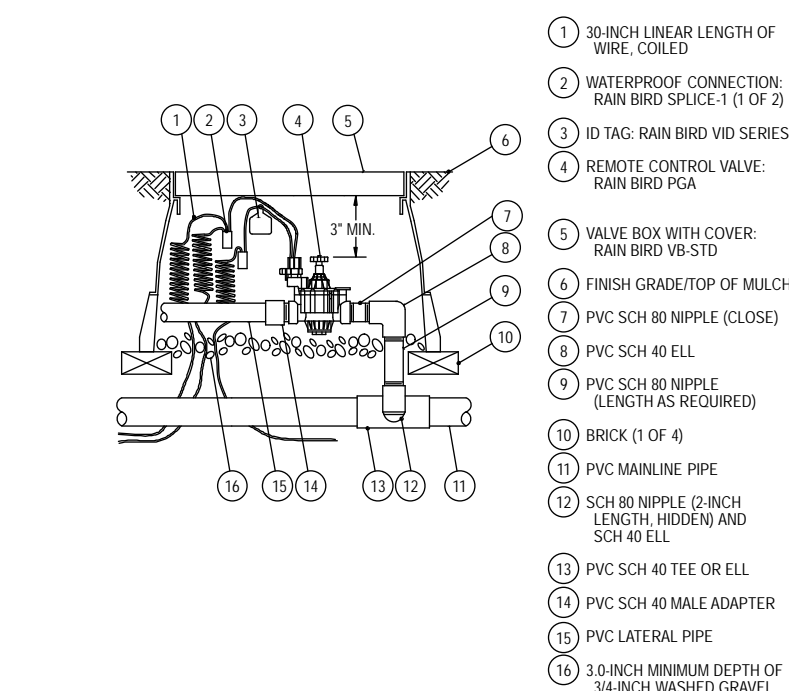
- NOTE: LENGTH OF WIRE FROM CONTROLLER TO SENSOR SHOULD BE NO GREATER THAN 200 FEET. SENSOR MAY BE MOUNTED ON FENCE, FENCE POST OR ON EDGE OF BUILDING. SENSOR SHOULD NOT BE MOUNTED UNDER TREES, IN AREAS AFFECTED BY SPRINKLER SYSTEM OR UNDER EAVE OF BUILDING.

1 IRRIGATION SMART CONTROLLER: ESP-SMT Scale: NTS (LOCATE IN STORAGE ROOM)

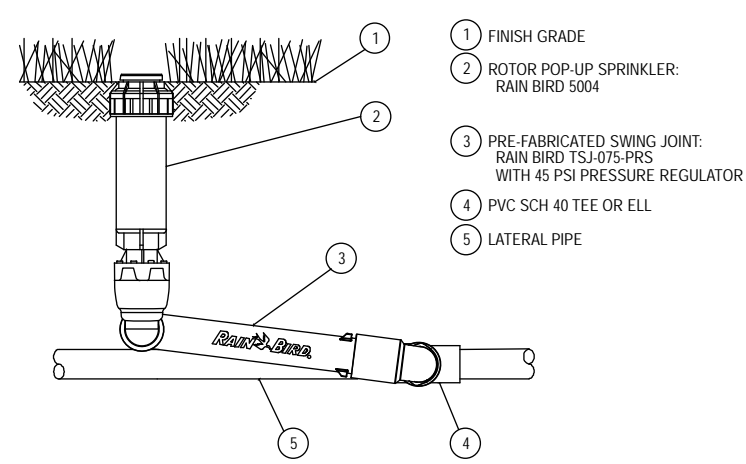
2 IRRIGATION WEATHER SENSOR Scale: NTS (LOCATE AT DUMPSTER WALL)

3 IRRIGATION TRENCHING AND PIPE DEPTH Scale: NTS

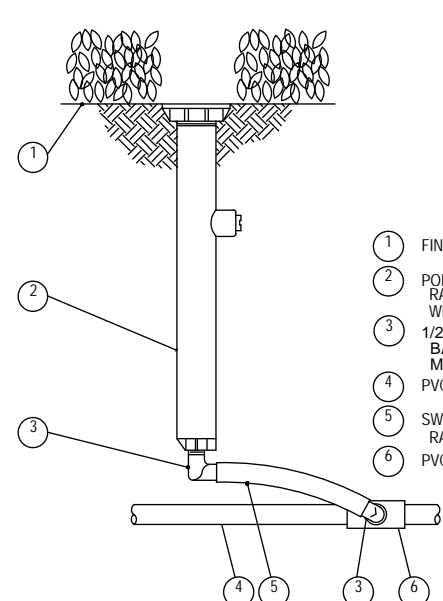
4 IRRIGATION SLEEVING Scale: NTS



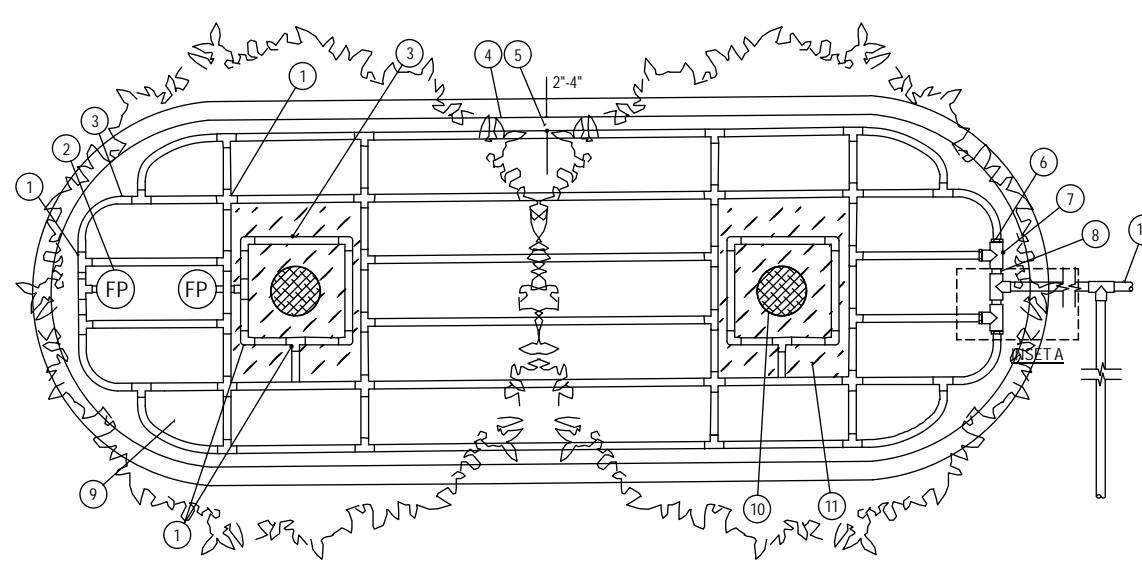
- 3/8" INCH LINEAR LENGTH OF WIRE COILED
- WATERPROOF CONNECTION RAIN BIRD SPLICE 1 (1 OF 2)
- ID TAG: RAIN BIRD VIB SERIES RAIN BIRD PVA
- REMOTE CONTROL VALVE: RAIN BIRD PVA
- VALVE BOX WITH COVER: RAIN BIRD VIB STD
- FINISH GRADE/TOP OF MULCH
- PVC SCH 80 NIPPLE (LENGTHS AS REQUIRED)
- PVC SCH 40 ELL
- PVC SCH 80 NIPPLE (LENGTHS AS REQUIRED)
- BRICK (1 OF 4)
- PVC MANLINE PIPE
- SCH 80 NIPPLE (2 INCH LENGTH HEREIN AND SCH 40 ELL)
- PVC SCH 40 TEE OR ELL
- PVC SCH 40 MALE ADAPTER
- PVC LATERAL PIPE
- 3.0 INCH MINIMUM DEPTH OF 3/4 INCH WASHED GRAVEL



- FINISH GRADE
- ROTOR POP-UP SPRINKLER: RAIN BIRD 5004
- PVC FABRICATED SPRING JOINT: RAIN BIRD TS-U/S PPS WITH 45 PSI PRESSURE REGULATOR
- PVC SCH 40 TEE OR ELL
- LATERAL PIPE



- FINISH GRADE/TOP OF MULCH
- POP-UP SPRAY SPRINKLER: RAIN BIRD 1800 PPS WITH 1/2" SERIES NOZZLE
- 1/2" INCH MALE 1/2" x 1/2" SERIES ELBOW: RAIN BIRD MODEL: SBE-020
- PVC LATERAL PIPE
- SHRUB OR GROUND COVER BED
- SHRUB (TYPICAL)
- MULCH BED FOR TREE
- 3.0 INCH DEPTH OF MULCH
- FINISH GRADE
- PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PVC RISER PIPE



- NOTE: DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPRING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE. PLACE THE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE THE DOWN STAKES - ON EACH LEG OF THE CHANGE OF DIRECTION. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

Inlet Pressure psi	XFCV Dripline Maximum Lateral Lengths (ft)			
	12' Spacing	18' Spacing	24' Spacing	30' Spacing
20	150	120	90	75
30	200	150	100	80
40	250	200	150	100
50	300	250	200	150
60	350	300	250	200

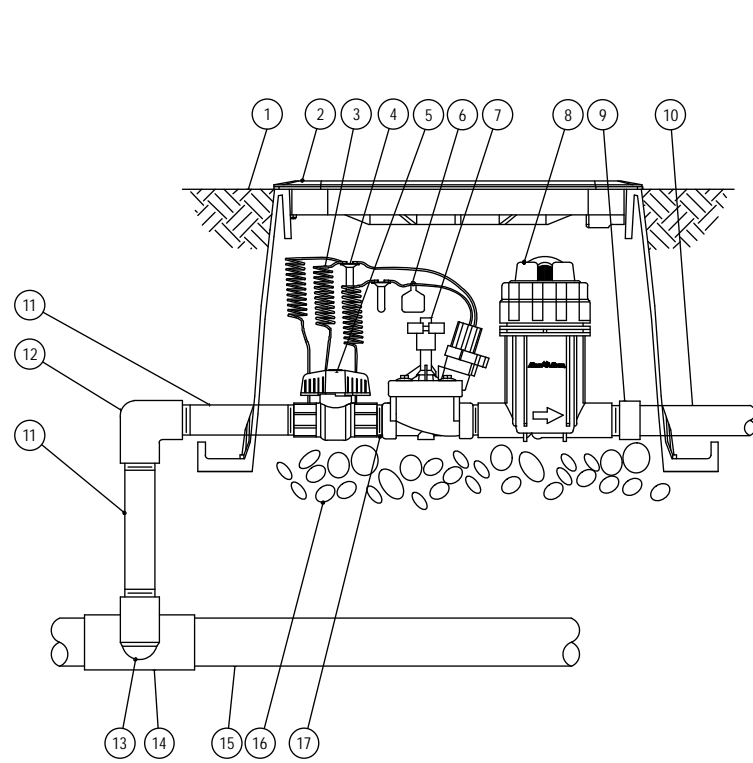
- BARB X MALE INSERT EL, TEE OR CROSS: RAIN BIRD XFF ELBOW (TYPICAL) RAIN BIRD XFF TEE (TYPICAL) RAIN BIRD XFD CROSS (TYPICAL)
- FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFD FLUSH POINT"
- ON SURFACE DRIPLINE PIPE: RAIN BIRD XFF SERIES DRIPLINE POTABLE: XFD DRIPLINE
- PARKING ISLAND CURB
- PERMETER DRIPLINE PIPE TO BE INSTALLED 2'-4" FROM PARKING ISLAND CURB
- BARB X MALE FITTING: RAIN BIRD XFF MALE FITTING (TYPICAL)
- PVC SCH 40 TEE OR ELL (TYPICAL)
- PVC SUPPLY MANIFOLD
- SHRUB OR GROUND COVER BED
- TREE (TYPICAL)
- MULCH BED FOR TREE
- 3.0 INCH DEPTH OF MULCH
- FINISH GRADE
- PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PVC RISER PIPE

5 IRRIGATION VALVE: 100-PGA Scale: NTS

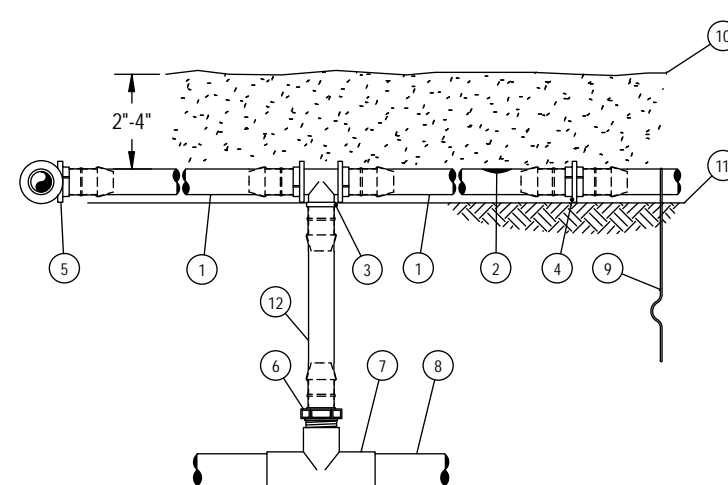
6 POP-UP ROTOR: 5000 SERIES W/T MPR NOZZLE Scale: NTS

7 POP-UP SPRAY: 1800 SERIES Scale: NTS

8 DRIP: SYSTEM LAYOUT AND INSTALLATION OVERVIEW Scale: NTS

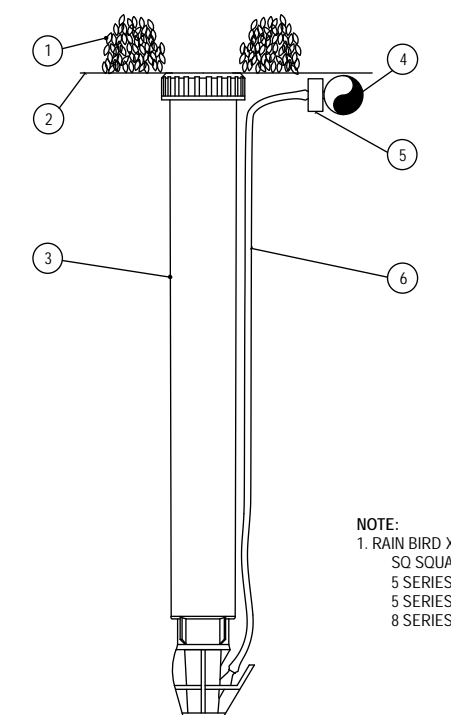


- FINISH GRADE/TOP OF MULCH
- VALVE BOX WITH COVER: RAIN BIRD VIB STD
- 3/8" INCH LINEAR LENGTH OF WIRE COILED
- WATERPROOF CONNECTION: RAIN BIRD SPLICE 1 (1 OF 2)
- 1 INCH BALL VALVE (INCLUDED IN XFCV-PRB-100-COM KIT)
- ID TAG
- REMOTE CONTROL VALVE: RAIN BIRD VIB SERIES (INCLUDED IN XFCV-PRB-100-COM KIT)
- PRESSURE REGULATING QUICK CHECK: RAIN BIRD PRC-QCK: 100 (INCLUDED IN XFCV-PRB-100-COM KIT)
- PVC SCH 40 FEMALE ADAPTOR
- LATERAL PIPE
- PVC SCH 80 NIPPLE (LENGTHS AS REQUIRED)
- PVC SCH 40 ELL
- PVC SCH 80 NIPPLE (2 INCH LENGTH HEREIN AND PVC SCH 40 ELL)
- PVC SCH 40 TEE OR ELL
- MANLINE PIPE
- 3 INCH MINIMUM DEPTH OF 3/4 INCH WASHED GRAVEL
- PVC SCH 80 NIPPLE (2 INCH LENGTH HEREIN AND PVC SCH 40 ELL)
- PVC SCH 80 NIPPLE (2 INCH LENGTH HEREIN AND PVC SCH 40 ELL)

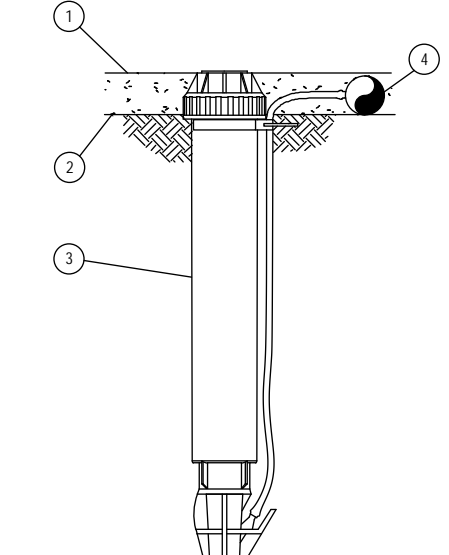


- NOTE: 1. PLACE THE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY. 2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE THE DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION. 3. SAVE YOUR HANDS. USE THE RAIN BIRD FITTING TOOL-AT INSERTION TOOL FOR FITTING ASSEMBLY.

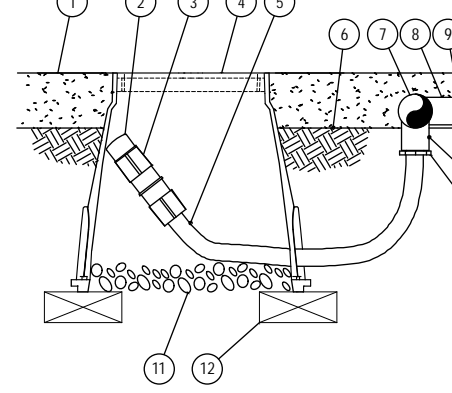
- ON SURFACE DRIPLINE: RAIN BIRD XFF SERIES DRIPLINE POTABLE: XFCV DRIPLINE
- INLINE DRIP EMITTER OUTLET. SEE PLANS FOR DRIPLINE OUTLET SPACING.
- 5000 TEE 17x17mm RAIN BIRD XFF TEE
- BARB COUPLING 17x17mm RAIN BIRD XFF COUP
- BARB ELBOW 17x17mm RAIN BIRD XFF ELBOW
- 5000 BALL ADAPTOR 17mm x 1/2" MPT RAIN BIRD XFF MA-050 17mm x 1/2" MPT RAIN BIRD XFF MA-075
- PVC TEE SA&T
- PVC LATERAL SUPPLY HEADER
- THE DOWN STAKE: RAIN BIRD TDS-050 WITH BEND (TYPICAL)
- MULCH
- FINISH GRADE
- RAIN BIRD XFF SERIES BLANK TUBING LENGTH AS REQUIRED



- NOTE: 1. RAIN BIRD XERI-POP CAN UTILIZE THE FOLLOWING NOZZLES: S2 SQUARE NOZZLES (IF OTHERWISE XFCV) 5 SERIES MPR NOZZLES (BALL CONFIGURATIONS) 8 SERIES MPR NOZZLES (BALL, RT AND RD)



- NOTE: 1. USE XERMAN TOOL XM TOOL TO INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING. 2. VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO 1/4 INCH. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.



- NOTE: 1. ALLOW A MINIMUM OF 4 INCHES OF DRIPLINE TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

9 DRIP VALVE: Xcz-PRB-100-Com Scale: NTS

10 DRIP: ON-SURFACE RISER ASSEMBLY Scale: NTS

11 DRIP: XERI-POP MICRO SPRAY Scale: NTS

12 DRIP: OPERATION INDICATOR Scale: NTS

13 DRIP: DRIPLINE FLUSH POINT Scale: NTS



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FSU# 3841

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	4/30/18	City Comments
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SHEET

Permit Irrigation Details

SHEET NUMBER L-201

IRRIGATION COMPONENTS AND/OR SYSTEMS

PART 1 – GENERAL

SECTION INCLUDES

Work to be performed under this Section shall consist of furnishing all labor and materials necessary to construct a complete working and tested sprinkler irrigation system as per all drawings and specifications.

REFERENCES

- ANSI – American National Standards Institute
- ASIC – American Society of Irrigation Consultants: ASIC Grounding Guideline.
- ASSE – American Society of Sanitary Engineering: ASSE 1013, 1015: Backflow Preventers, Pressure Reducers.
- ASTM – American Society of Testing and Materials
- IA – The Irrigation Association: Main BMP Document.
- NFPA – National Fire Protection Association: NFPA 70 National Electrical Code.
- UL – Underwriters Laboratories: UL Wires and Cables.

PERFORMANCE REQUIREMENTS

- All work to be performed to current standards of SEI and of the local governing municipality.
- PVC Pipe: Must be stamped with certified NFS.
- Contractor shall be responsible to obtain all necessary permits and to comply with electrical company requirements.
- No substitutions of materials are allowed unless approved by Landscape Architect.

QUALITY ASSURANCE

- Contractor shall have considerable experience and demonstrate ability in the installation of irrigation system(s) of specified type(s) in a neat, orderly, and responsible manner in accordance with recognized standards of workmanship.
- All work shall be performed in accordance with the best standards of practice relating to the trade.
- Contractor shall provide an irrigation as-built drawing to the designer responsible for the irrigation plan. **This drawing shall be overnighted to the respective party within 24 hours of installation completion.**

WARRANTY

- Contractor shall provide a one year warranty that covers all workmanship and labor.
- Contractor shall provide a five year warranty that covers all materials.

PART 2 - PRODUCTS

PIPE AND FITTINGS

- Material: PVC
- Pressure Pipe: Class 200.
- Lateral Pipe: Class 200, Polyethylene for Northeastern Climate.
- Fittings: Schedule 40, solvent welded or threaded.
- Risers: Schedule 80, threaded.
- Sleeves: Schedule 40, minimum 4".

AUTOMATIC CONTROLLER

- Irrigation controller specifications include but are not limited to:
 - The controller shall be of a hybrid type that is microelectronic circuitry capable of fully automatic or manual operation.
 - All stations shall have the capability of independently obeying or ignoring the weather sensor as well as using or not using the master valve.
 - The controller shall have the capability of shutting off the system on rainy days.
- Control zone kit for drip zones with flows from 3 to 15 gpm (11.4 to 56.8 l/m), including control valve (CV) and pressure-regulating filter (PRF).
 - Control Valve (CV) component specifications include:
 - Valve body and bonnet constructed of high impact, weather-resistant plastic, stainless steel and other chemical/ultra-violet resistant materials.
 - One unit diaphragm constructed of durable Buna-N rubber with a clog resistant metering orifice.
 - Inlet pressure rating of 15 to 150 psi (1.0 to 10.3 bar).
 - Pressure Regulating Filter (PRF) component specifications include:
 - Compact "Y" filter body and cap configuration constructed of glass-filled, ultra-violet resistant polypropylene, with 150 psi (10.3 bar) operating pressure rating.
 - 200 mesh (75 micron) filter screen constructed of stainless steel.
 - Normally-open pressure regulating device with preset outlet pressure of 40 psi (2.8 bar).
 - Regulated pressure of 40 psi (2.8 bar).
- Low flow control zone kit for drip zones with flows from 0.2 to 5.0 gpm (0.8 to 18.9 l/m), including Low Flow Valve (LFV) and Pressure-Regulating Filter (PRF).
 - Low flow valve (LFV) component specifications include:
 - Valve body and bonnet constructed of high impact, weather-resistant plastic, stainless steel and other chemical/ultra-violet resistant materials.
 - One unit diaphragm constructed of durable Buna-N rubber material with a clog resistant metering orifice.
 - Inlet pressure rating of 15 to 150 psi (1.0 to 10.3 bar).
 - Pressure regulating filter (PRF) component specifications include:
 - Compact "Y" filter body and cap configuration constructed of glass-filled, ultra-violet resistant polypropylene, with 150 psi (10.3 bar) operating pressure rating.
 - 200 mesh (75 micron) filter screen constructed of stainless steel.
 - Normally-open pressure regulating device with preset outlet pressure of 30 psi (2.1 bar).
 - Regulated pressure of 30 psi (2.1 bar).

POP-UP SPRINKLERS

- Irrigation spray body for small turf areas (2.5-24 feet (0.8-7.3m) with a 30 psi (2.0 bar) pressure regulating device specifications include but are not limited to:
 - Parts and components to withstand harsh operating conditions using chemically treated recycled water (reclaimed/non-potable), dirty water containing grit, debris, and other particulates, high operating pressures common in commercial irrigation and resistant to ultra-violet light.
 - Pressure-activated, co-molded soft elastomer wiper seal composed of three wipers and a base seal to ensure a positive seal without excess "flow-by" which enables more heads to be installed on the same valve.
 - Recessed debris pockets located in the base of the spray body to prevent recirculation of harmful debris during operation.
 - Shall include a check valve to prevent low head drainage of up to 14 feet (4.3 m); 6 psi (0.4 bar).
 - Shall include technology built into the stem to prevent water loss and alert maintenance when a spray nozzle is removed.
 - Flow by rating of 0 at 15 psi (1.0 bar) or greater, 0.5 gpm (0.1 m3/h; 0.03 l/s) otherwise.
 - Shall include ½" (15/21) NPT female threaded bottom inlet.
 - The spray body, stem, nozzle, and screen shall be constructed of heavy-duty and ultra-violet resistant plastic.
- Irrigation spray body for small turf areas (2.5-24 feet (0.8-7.3m) with a 45 psi (3.1 bar) pressure regulating device specifications include but are not limited to:
 - Parts and components to withstand harsh operating conditions using chemically treated recycled water (reclaimed/non-potable), dirty water containing grit, debris, and other particulates, high operating pressures common in commercial irrigation and resistant to ultra-violet light.
 - Pressure-activated, co-molded soft elastomer wiper seal composed of three wipers and a base seal to ensure a positive seal without excess "flow-by" which enables more heads to be installed on the same valve.
 - Recessed debris pockets located in the base of the spray body to prevent recirculation of harmful debris during operation.
 - Shall include a check valve to prevent low head drainage of up to 14 feet (4.3 m); 6 psi (0.4 bar).
 - Shall include technology built into the stem to prevent water loss and alert maintenance when a spray nozzle is removed.
 - Flow by rating of 0 at 15 psi (1.0 bar) or greater, 0.5 gpm (0.1 m3/h; 0.03 l/s) otherwise.
 - Shall include ½" (15/21) NPT female threaded bottom inlet.
 - The spray body, stem, nozzle, and screen shall be constructed of heavy-duty and ultra-violet resistant plastic.

SPRAY NOZZLES

- Fixed or variable arc matched precipitation rate spray nozzle for small turf areas (3-15 feet (.91-4.6 m), maximum 30 psi (2.1 bar) specifications include but are not limited to:
 - Shall be constructed of ultra-violet resistant plastic.
 - Shall contain a stainless steel flow and radius adjustment screw allowing up to 25% radius reduction.
 - Nozzle shall have a precipitation rate that is matched across sets and patterns of spray nozzles up to 15 feet (4.6 m).
 - Shall include color coding marking on top of nozzle for easy identification of spray radius.
- Dual orifice fixed arc nozzle for small turf areas (5-15 feet (1.7-4.6 m), maximum 30 psi (2.1 bar) specifications include but are not limited to:
 - Shall be constructed of ultra-violet resistant plastic.
 - Shall contain a stainless steel flow and radius adjustment screw allowing up to 25% radius reduction.
 - The nozzle shall have dual orifices for both in-close watering and standard pattern watering with a matched precipitation rate between sets and matched flow and with other matched precipitation rate fixed spray nozzles up to 15 feet (4.6 m).
 - Shall include color coding marking on top of nozzle for easy identification of spray radius.
- Multi stream rotating nozzle for small turf areas (8-24 feet (2.4-7.4m), maximum 55 psi (3.8 bar) specifications include but are not limited to:
 - Shall be constructed of ultra-violet resistant plastic.
 - Shall contain a stainless steel radius adjustment screw allowing reduction to 13 feet (4.0 m).
 - Shall have a matched precipitation rate of 0.60 in/hr (15.2 mm/hr).
 - Shall have a color coded radius reduction plug to allow for easy identification of fixed arc pattern.

ROTOR HEADS

- Pop-up rotor sprinkler for medium turf areas (25-47 feet (7.6-14.3 m), maximum 75 psi (5.2 bar) specifications include but are not limited to:
 - Shall have adjustable arc rotation of 40 to 360 degrees (0.7 to 6.3 rad) and reversing full circle rotation.
 - Shall have a flow shut-off device that is integrated into the flow path of the sprinkler.
 - Shall have a pressure-activated, multi-function wiper seal that protects internals from debris and assures positive pop-up and retraction.
 - Shall contain additional o-rings and seals for extra protection in "gritty" water.
 - Operating precipitation rate of 0.20 to 1.01 inches per hour (5 to 26 mm/h).
 - Operating flow rate of 0.73 to 8.31 gpm (0.17 to 1.85 m3/h).
 - The body, stem, nozzle, and screen shall be constructed of heavy-duty and ultra-violet resistant plastic.
 - Shall include a 45 psi (3.1 bar) pressure regulating device to prevent high pressure misting to the nozzle stream.
 - Shall include an internal check valve to prevent low head drainage of up to 7 feet (2.1 m) to prevent puddling, run-off and erosion.
 - Shall include a set of twelve interchangeable nozzles, 8 nozzles with 25 degree (0.4 rad) trajectory and 4 low-angle nozzles with 10 degree (0.2 rad) trajectory.

FLEXIBLE SWING PIPE

- Swing pipe specifications include but are not limited to:
 - Swing pipe shall be flexible black tubing constructed of linear low density polyethylene material with a wall thickness of 0.098" (0.3 cm) with a nominal inside diameter of 0.49" (1.2 cm).
 - Pipe shall be capable of a flow up to 8 gpm (0.5 l/s).

DRIPLINE

- Distribution tubing specifications include but are not limited to:
 - The blank tubing shall be manufactured from flexible polyethylene material with a wall thickness of 0.049" (1.2 mm), outside diameter of 0.634" (16.1 mm), and inside diameter of 0.536" (13.6 mm).
 - The tubing shall be dual-layered (brown over black).

INLINE EMITTER DRIPLINE

- Sub-surface inline emitter tubing specifications include but are not limited to:
 - The tubing shall be manufactured from flexible polyethylene material with wall thickness of 0.049" (1.2 mm), outside diameter of 0.634" (16 mm), and inside diameter of 0.536" (13.6 mm).
 - The tubing shall have factory installed pressure-compensating, inline emitters with a copper shield device installed every 12, 18, or 24 inches (30.5, 45.7, 61 cm) as indicated on construction drawings.
 - Operating pressure range of 8.5 to 60 psi (0.6 to 4.1 bar).
 - Operating emitter flow rates of 0.6 and 0.9 gph (2.3 l/hr and 3.5 l/hr).

DISTRIBUTION TUBING

- ½" distribution tubing for emitters and other devices specifications include but are not limited to:
 - The blank tubing shall be extruded from ultra-violet resistant polyethylene resin materials with a wall thickness of 0.04" (1 mm), outside diameter of 0.250" (6.3 mm), and inside diameter of 0.170" (4.3 mm).
 - Operating pressure range from 0 to 60 psi (0 to 4.1 bar).

EMITTERS

- Point source emission device specifications include but are not limited to:
 - The emitter shall be constructed of ultra-violet resistant acetyl materials.
 - Shall have a pressure-compensating design to deliver a uniform flow throughout a pressure range of 15 to 50 psi (1.0 to 3.4 bar).
 - Flow rates that range from 0.5 to 2 gph (1.89 to 7.57 l/h) at a pressure range of 15 to 50 psi (1.0 to 3.4 bar).

VALVE BOX

- Valve boxes specifications include but are not limited to:
 - Shall be made of structural foam HPDE resin that is resistant to ultra-violet light, weather, moisture and chemical action of soils.
 - Lids shall be clearly marked with the words "IRRIGATION CONTROL VALVE" molded onto the top.
 - Lid colors are available in black, green and purple designating non-potable water use.

PART 3 - EXECUTION

EXCAVATION

- Stake pipe and equipment layout for Owner's review and approval. Review does not relieve installer from coverage problems due to improper placement after staking.
- Excavate trenches for irrigation system pipe to provide minimum cover per plans and details.
- Barricade trenches that are left open overnight.

INSTALLATION

- General: Plans are diagrammatic. Proceed with installation in accordance with the following:
 - Install stop and waste valves, backflow preventers, and other equipment required by local authorities according to laws and regulations in order to make system complete.
 - Coordinate with the General Contractor the responsible for installing the backflow preventer and other irrigation items at the connection point.
 - Coordinate with the General Contractor the for exact location of the irrigation connection point.
 - Thoroughly flush main lines before installing automatic control valves, and laterals before installing sprinklers. Flush supply lines thoroughly before installing backflow preventers or other regulating devices.
- Piping: Assemble all mainline and lateral lines in accordance with manufacturer's recommendations with no cul-de-sacs. Assure positive drainage.
- Sleeves: General Contractor shall install sleeves before concrete/paving work.
 - Sleeves should be a minimum two times the diameter of the pipe passing through them.
 - General Contractor shall stub-up and flag sleeve locations for the Irrigation Contractors ease of locating.
 - Sleeve locations shall be approximate to that shown on the Irrigation Plan.
- Control Valves:
 - Install one valve per valve box and provide 12 inches of expansion loop slack wire at all connections inside valve box.
- Manual Drains:
 - Install per manufacturer's recommendations on upstream and downstream side of backflow preventers and at lowest point along main pressure pipe.
- Quick-Coupling Valves:
 - Install using 1 inch PVC nipples and schedule 40 ells as detailed. Location as indicated on plans.
- Backflow Preventer:
 - Install assembly complete for irrigation system with 2 drain valves and 2 shut off valves per detail, local laws and regulations, and per manufacturer's specifications.
 - Install assemblies with drain valves in below grade installations. Provide open box floor with gravel drain sump.
- Valve Boxes
 - Install over all remote control valves, manual control valves, zone shutoff valves, gate valves, or globe valves. Size to provide adequate room for maintenance.
 - Install boxes on level subgrade with proper drainage so that top of boxes are flush with finish grade material (sod, mulch, rock, etc.). Place parallel or perpendicular to adjacent curbs, sidewalks, or driveways.
 - Place washed gravel aggregate in sump as shown on details.
- Automatic Controller
 - Properly ground controller per local laws and regulations. Make all control wire connections to automatic controller. Coordinate controller installation with other electrical work.
 - Connect remote control valves to controller in numerical sequence as shown on Plans.
- Wire and Electrical Work
 - Use electrical control and ground wire suitable for sprinkler control cable.
 - Provide 120-volt power connection (by others) to automatic controller to conform to local codes, ordinances and authorities having jurisdiction.
 - Low Voltage Wiring:
 - Bury control wiring between controller and electric valves in pressure supply line trenches, strung as close as possible to main pipe lines with such wires to be consistently located below and to one side of the pipe, or in separate trenches.
 - Bundle all 24-volt wires at 10-foot intervals and lay with pressure supply line pipe to one side of trench.
 - Install control wire for each control valve.
 - Run 2 spare #14-1 wires from controller pedestal or electric control valve on each and every leg of mainline.
- Sprinkler Heads, Emitters, Rotators, and Rotors
 - Flush circuit piping with full head of water and install sprinklers after hydrostatic test is completed.
 - Adjust nozzles to allow for adequate coverage and to minimize overspray onto walks, roads, driveways, and buildings.
 - Stake emitter tubing with 1/4" Rainbird® TS-025 tubing stakes.
 - Adjust heads to be plumb and flush with finish grades, even with top of soil level or top of material level after completion of grading, seeding, sodding, and rolling of grass.
- Drip Tubing
 - Install all drip tubing in locations shown on the Irrigation Plan. To be laid out and installed per the irrigation drip details (sheet L-2.1).
 - Install flush caps as indicated on details.
 - Install drip indicator on all drip zones.
- Thrust Blocks and/or Joint Restraints
 - Install on pipe sized 2" or larger wherever the main pipe line:
 - Changes any direction at tees, angles, and crosses vertical and horizontal.
 - Changes at reducers.
 - Stops at a dead-end.
 - Valves at which thrust develops when closed.

BACKFILLING

- Do not begin backfilling operations until system tests and approvals have been completed.
- Bed all pipe a minimum of 2 inches. Backfill to 6 inches above pipe with soil free of rocks over 1-inch diameter, debris, or organic matter. Backfill remainder of trench with soil of like quality to adjacent areas. Haul away all material not suitable for backfill.
- Compact backfill in 6-inch lifts thoroughly to prevent settling damage to grades or plant material. Leave trenches slightly mounded to allow for settlement after backfilling is completed. Low areas and damage caused by settling will be repaired by Contractor at no additional cost to the Project or Owner.
- Prevent soil, rocks, or debris from entering pipes or sleeves.

FLUSHING AND TESTING

- Flushing: After piping, risers, and valves are in place and connected, but prior to installation of sprinkler heads, thoroughly flush piping system under full head of water pressure from dead end fittings. Maintain flushing for 5 minutes through furthest valves. Cap risers after flushing.

INSPECTION

- Arrange for Owner's presence 48 hours in advance of inspection walk-through.
- Examine areas and conditions under which work of this section is to be performed and ensure a complete and operating installation prior to scheduling a walk-through.
- Operate each zone in its entirety for Owner at time of walk-through and open all valve boxes as directed.
- Expose all drip emitters under operations for observation by Owner to demonstrate they are performing and installed as designed prior to placing of mulch material. Schedule separate walk-through as necessary.
- As necessary Owner will generate a list of items to be corrected prior to Final Acceptance.

RESTORATION AND CLEANING

- Flush dirt and debris from piping before installing sprinklers and other devices.
- Adjust automatic control valves to provide flow rate of rated operating pressure required for each sprinkler circuit.
- Restore all damaged areas to original condition unless otherwise shown on plans at no additional cost to the Project or Owner.



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FSU# 3841

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SHEET

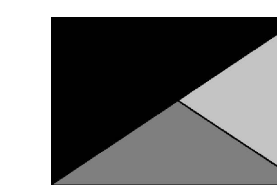
**Permit
Irrigation
Specifications**

SHEET NUMBER

L-202



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10/04/18

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FSR# 03841

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
2	07/27/18	Revised Site Permit Submittal

CURRENT DESIGN	2018-xxx
DISCIPLINE'S PROJECT NUMBER	17173.CC.S
PRINTED FOR	PERMIT
DATE	08/10/2018
DRAWN BY	BTS

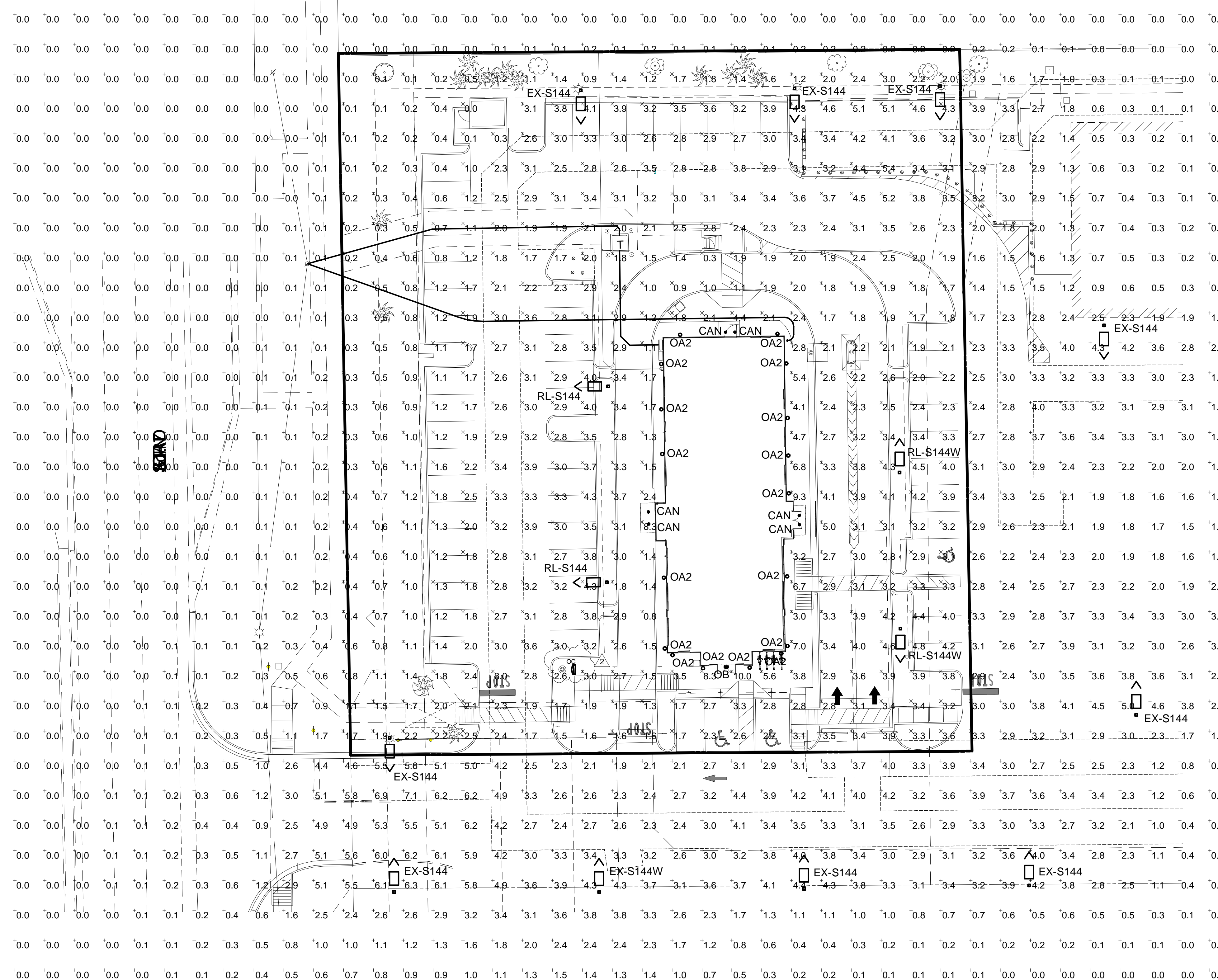
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SHEET
PHOTOMETRIC SITE PLAN

SHEET NUMBER

PH-1.0

NOTE: PHOTOMETRICS ARE BASED OFF EXISTING CONDITIONS USING THE MOST ACCURATE INFORMATION AVAILABLE.



A1 PHOTOMETRIC SITE PLAN
N.T.S.

PERMIT

FLL LED FLOODLIGHT	Cat.#		HUBBELL HUBBELL Outdoor Lighting
	Job	Type	Approvals

SPECIFICATIONS
Intended Use:
 Large LED Flood with beam distribution for lighting applications such as safety/security, tactics, area, or signs.
Construction:
 • Corrosion resistant, rugged die-cast aluminum housing with powder coat paint finish
 • Tempered glass lens protects LEDs and allows for cleaning/detergent removal
 • Vented housing isolates LED module from driver, maximizing product life and performance
 • Visor, lower and vandal accessories available
LED:
 • 25 high power LEDs (Stock/MTD)
 • 42 high power LEDs (MTO)
 • 140 high power LEDs (Stock)
 • Ambient operating temperature: -35°C to 40°C
 • Stock Versions: 4000K and 5000K CCT
 • MTO Versions: 3000K nominal with 80 CRI, 4000K and 5000K CCT nominal with 70 CRI
Optical/Electrical:
 • Variety of NEMA distributions - N (3x3), M (4x4), RM (5x4) and W (6x6) - for wide range of lighting applications.
 • Stock version Wide (6x6) only
 • 120-277V operation, 50/60Hz, 95W, 1050mA, 100 LPM (Stock/MTD - 28LED)
 • 120-277V operation, 50/60Hz, 150W, 158mA, 98 LPM (Stock only - 140LED)
Warranty:
 For more information visit: <http://www.hubbell.com/lighting/resources/warranty/>

CERTIFICATIONS/LISTINGS

UL	DLC	IP65
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ORDERING INFORMATION - STOCK VERSION

Catalog Number	Mount	Max Candle Power	Beam Pattern	Wattage	# Drivers/Cuts	Voltage	Color Temperature/ CRI	Lumens	LPM	Weight (kg)	Finish
FLL-95-Y	Yoke	7750	Wide	97W	10700mA	120-277V	5000K/70	10900	109	20 (0.0)	Bronze
FLL-95-4K-Y	Yoke	7265	Wide	97W	10700mA	120-277V	4000K/70	10173	105	20 (0.0)	Bronze
FLL-150-4K-U-Y	Yoke	5627	Wide	150W	10158mA	120-277V	4000K/80	14665	98	20 (0.0)	Bronze
FLL-150-5K-U-Y	Yoke	5731	Wide	150W	10158mA	120-277V	5000K/80	14764	98.4	20 (0.0)	Bronze
FLL-150-4K-U-K	Knuckle	5627	Wide	150W	10158mA	120-277V	4000K/80	14665	98	20 (0.0)	Bronze
FLL-150-5K-U-K	Knuckle	5731	Wide	150W	10158mA	120-277V	5000K/80	14764	98.4	20 (0.0)	Bronze

ORDERING INFORMATION - MADE TO ORDER

FAMILY	# LEDs	WATTS	CCT	CR	DISTRIBUTION	VOLTAGE	MOUNTING	FINISH	CONTROL OPTION	OPTIONS
FLL	25	97	5000K	70	CR	120-277V	Yoke	Black	None	120 or 277V (determined by voltage field)

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DESCRIPTION
 The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD is designed for installation in many 3-1/2" and 4" round or octagon junction boxes. May also retrofit in 4" aperture IC and Non-IC recessed housings*. Dedicated LED wiring connector meets high-efficiency code requirement in recessed downlighting. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

SPECIFICATION FEATURES
CONSTRUCTION
 • Die cast aluminum trim ring and die formed aluminum frame
OPTICS
 • WaveStream™ technology provides uniform luminance from a low profile flat lens
 • AccuAim™ optics provide directional control for the "cone-of-light" beam distribution of a traditional downlight
 • Precision molded lens features high transmission polymer with UV stabilized protecting film
DESIGNER TRIMS
 Accessories (sold separately) SLD designer trims are accessory rings that attach to the SLD for a permanent finish. Refer to SLD accessories specification sheet for details.
 • White (Paintable)
 • Satin Nickel
 • Tuscan Bronze

ELECTRICAL JUNCTION BOX MOUNTING
 • SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
 • Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes
 • Note: Driver consumes 3 cubic inches of junction box.
 • Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings
 • Warranty: Eaton provides a five year limited warranty on the SLD LED

WARRANTY
 Eaton provides a five year limited warranty on the SLD LED
LED CHROMATICITY
 • A tight chromaticity specification ensures LED color uniformity.



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HALO

Catalog #	Type
Project	Date
Comments	
Prepared by	



SLD4058xxWH
 80CRI
 2700K, 3000K, 3500K, and 4000K

SLD4059xxWH
 90CRI
 2700K, 3000K, 3500K, and 4000K

4" Surface LED Downlight
 Suitable for ceiling or wall electrical junction boxes

ENERGY DATA

Lumens (4000K model)	80 CRI	90 CRI
800	710	
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
Input Current	0.10 A	0.10 A
Input Power	12.2 W	12 W
Efficiency (4000K model)	66 lm/W	59 lm/W
THD	< 20%	
Power Factor	> 0.90	
T Ambient	-30 to +40°C	
Sound Rating	Class A	

NOMENCLATURE
SLD4058 30 WH
 405 = 4" SLD
 30 = 3000K
 WH = Matte White

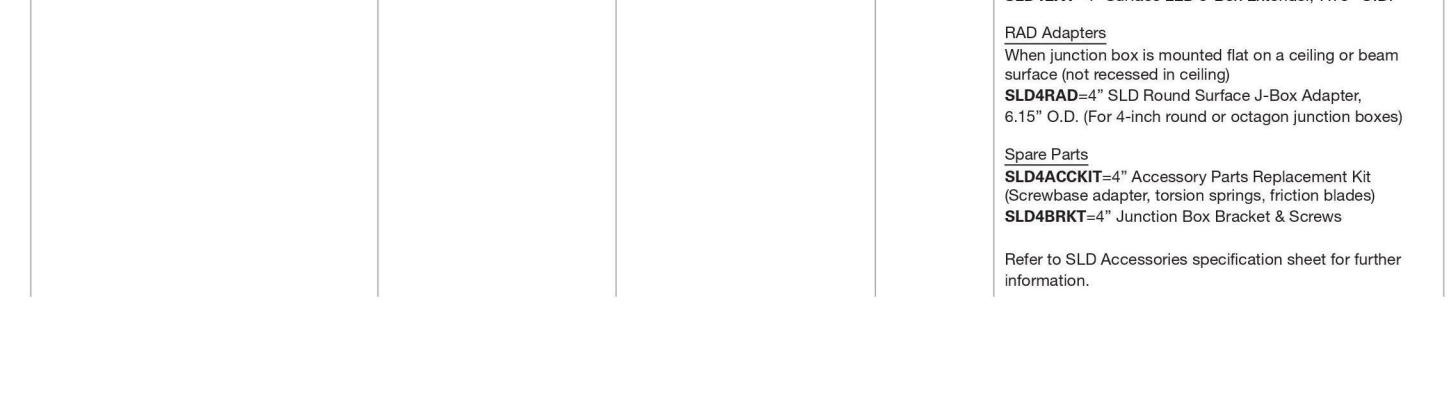
SLD4058xxWH
SLD4059xxWH

DESCRIPTION
 The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD is designed for installation in many 3-1/2" and 4" round or octagon junction boxes. May also retrofit in 4" aperture IC and Non-IC recessed housings*. Dedicated LED wiring connector meets high-efficiency code requirement in recessed downlighting. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

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 • Tuscan Bronze

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 • SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
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 • Note: Driver consumes 3 cubic inches of junction box.
 • Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings
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LED CHROMATICITY
 • A tight chromaticity specification ensures LED color uniformity.



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Chick-fil-A
 5200 Buffington Road
 Atlanta, Georgia
 30349-2998

Kurzynske & Associates
 2900 Lebanon Pike, Ste 201
 Nashville, Tennessee 37214
 Telephone: (615) 255-5203
 Fax: (615) 255-5207
 Email: mail@kurzynske.com

SLD4058xxWH
 80CRI
 2700K, 3000K, 3500K, and 4000K

SLD4059xxWH
 90CRI
 2700K, 3000K, 3500K, and 4000K

4" Surface LED Downlight
 Suitable for ceiling or wall electrical junction boxes

SLD4058 30 WH
 405 = 4" SLD
 30 = 3000K
 WH = Matte White

CHICK-FIL-A
COCONUT CREEK FSU
 4670 N. STATE ROAD 7
 COCONUT CREEK, FL 33073

10/04/18

FSR# 03841

REVISION SCHEDULE

NO.	DATE	DESCRIPTION
3	10/04/18	Revised Site Permit Submittal

PERMIT LIGHTING DETAILS

CURRENT DESIGN NUMBER	2018-xxx
DISCIPLINE'S PROJECT NUMBER	17173.CC.S
PRINTED DATE	PERMIT
DATE	08/10/2018
DRAWN BY	Author

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SHEET NUMBER
PH-1.2

B3 FIXTURE 'OC'
 N.T.S.

B1 FIXTURE 'CAN'
 N.T.S.

FACTOR LED Flood Offering

Model Number	FSL	FML	FLL-FLL140L	FXL
Lumens	2,000-2,600	3,600-5,000	6,300-14,700	14,500-21,000+
Watts	25W	50W	95-150W	187-193W
Beam Spread	Narrow 3x3 Medium 4x4 Wide 6x6	Narrow 3x3 Medium 4x4 Wide 6x6	Narrow 3x3 Medium 4x4 Wide 6x6 / 7x7*	Narrow 3x3 Medium 4x4 Wide 6x6
HID Equivalence	100W	175W	250W-400W	750W

Features & Benefits

- Vented die-cast housing isolates LEDs from drivers for maximum component life and performance
- Variety of sizes from compact to extra large in a stylish shape
- Variety of outputs and mountings for different applications
- 3000K, 4000K and 5000K CCT
- Stock and quick ship versions available for fast service
- Knuckle, trunion & yoke mounting options
- Visor, vandal shield and lower accessories available
- Five standard finishes: Dark Bronze, Black, Gray, White, Platinum and custom colors

FACTOR Floodlighting
 Hubbell Outdoor Lighting's factor floodlight offering is available in a variety of beam spreads allowing you to customize your lighting design ensuring the best results possible.

NEMA Beam Spread Classification

Beam Spread (degrees)	Beam Description
15° - 18°	1 very narrow
18° - 26°	2 narrow
26° - 40°	3 medium narrow
40° - 30°	4 medium
30° - 30°	5 medium wide
30° - 30°	6 wide
30° and up	7 very wide

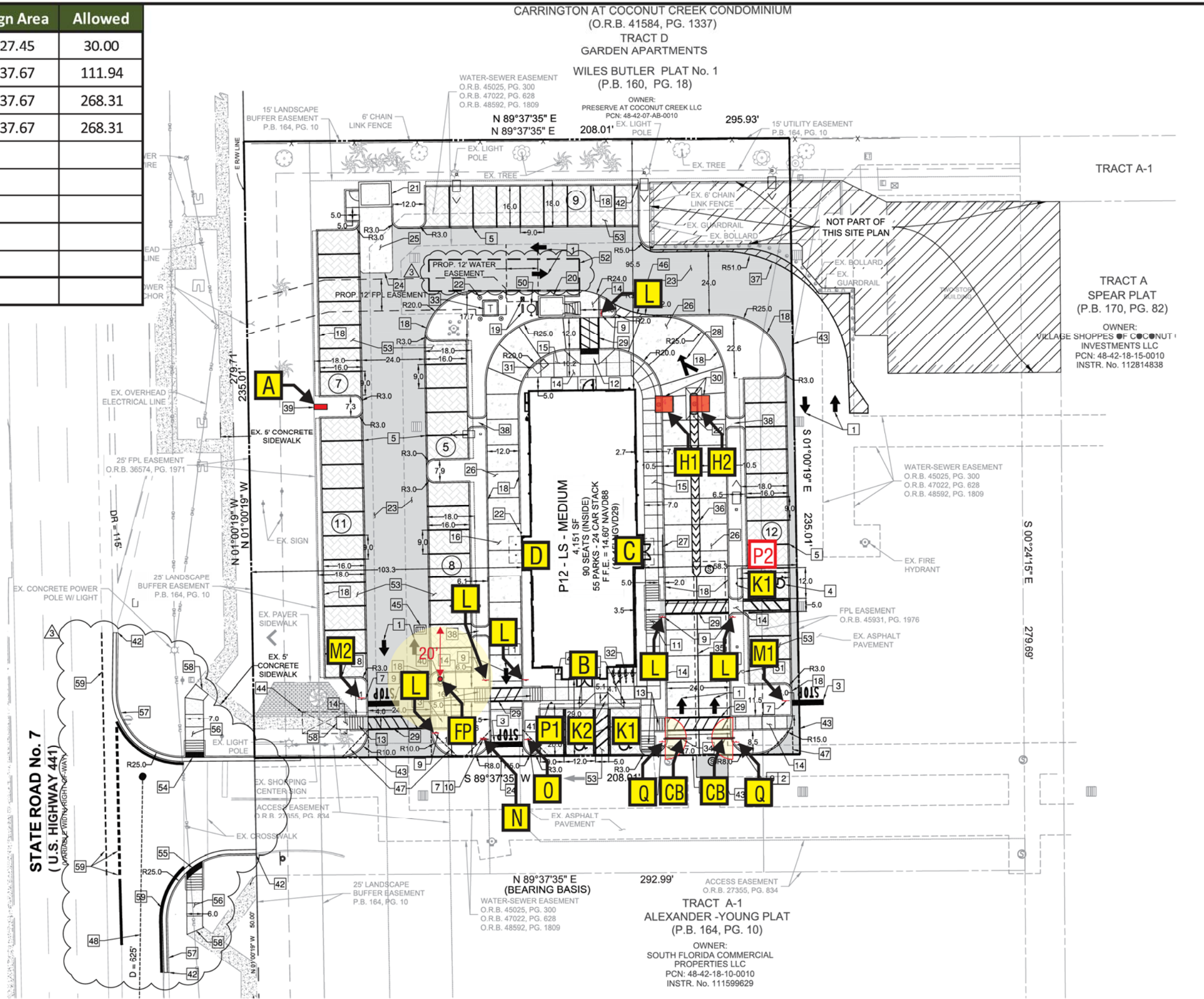
A3 FIXTURE 'OC'
 N.T.S.

NOTE: FIXTURE OC TO HAVE NEMA TYPE 2 BEAM CLASSIFICATION WHICH ALLOWS A MAXIMUM OF 29 DEGREES BEAM SPREAD

Item	Description	Qty	Sign Area	Allowed
A	Outparcel Sign	1	27.45	30.00
B	Wall Sign - Script 4' set	1	37.67	111.94
C	Wall Sign - Script 4' set	1	37.67	268.31
D	Wall Sign - Script 4' set	1	37.67	268.31
	No Sign on Rear Elevation			

Item	Description	Qty
K1	DOT - Handicapped Parking	1
K2	DOT - Handicapped Parking (Van)	1
L	DOT - Pedestrian Sign	6
M1	DOT - Stop	1
M2	DOT - Stop / Pedestrian	1
N	DOT - Stop / Do Not Enter / Pedestrian	1
O	DOT - Do Not Enter	1
P1	DOT - Catering & Carry Out	1
Q	DOT - Drive-thru Only / Pedestrian Sign	2
H1	Menu Canopy (Lane 1)	1
H2	Menu Canopy (Lane 2)	1
CB	Clearance Bar	2
FP	Flag pole (25') freight not included	1

P2 - **RECOMMENDED FUTURE SITE FOR 'CURBSIDE DELIVERY' SIGN PENDING OPERATOR OPT-IN (VERBIAGE TO BE DETERMINED)

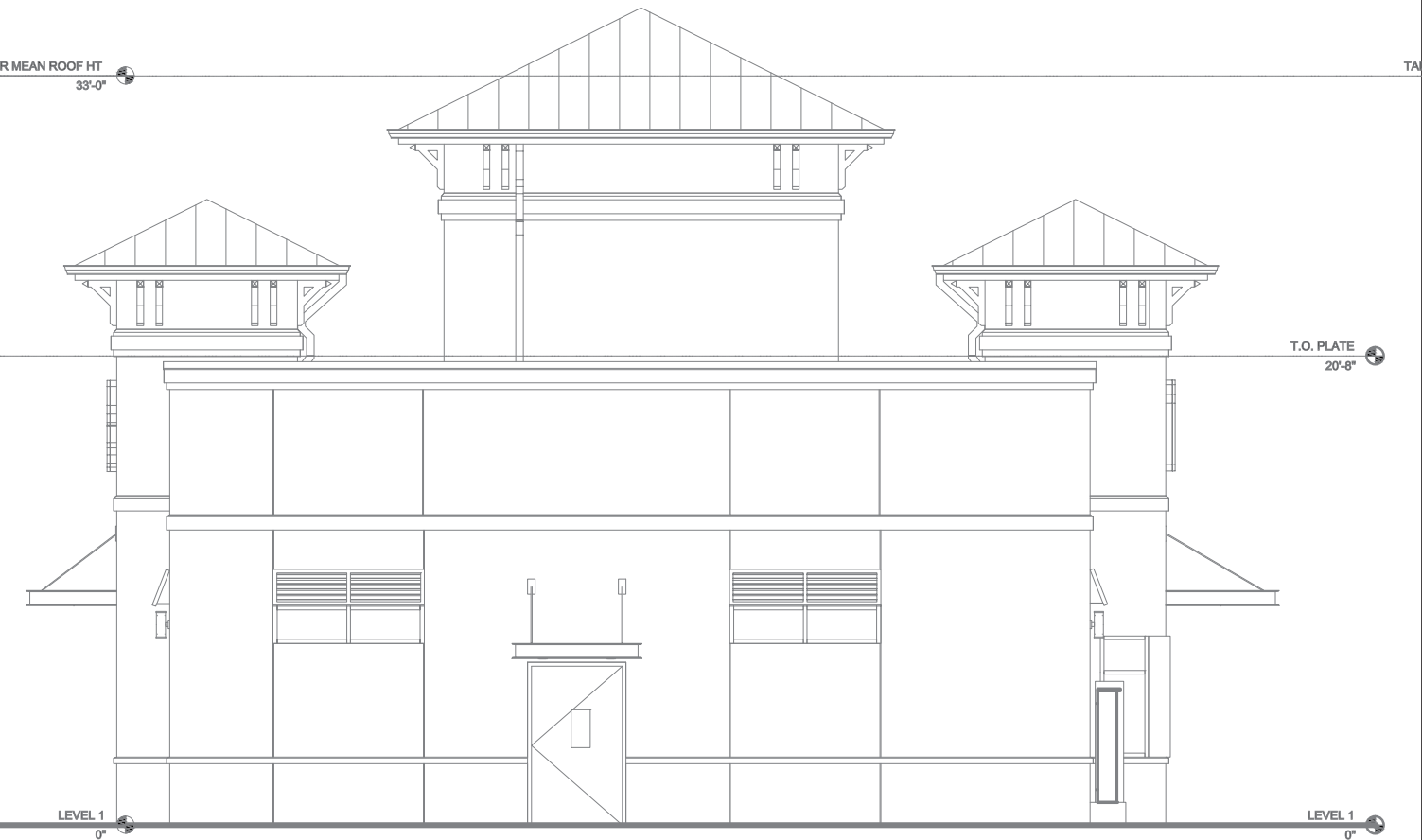
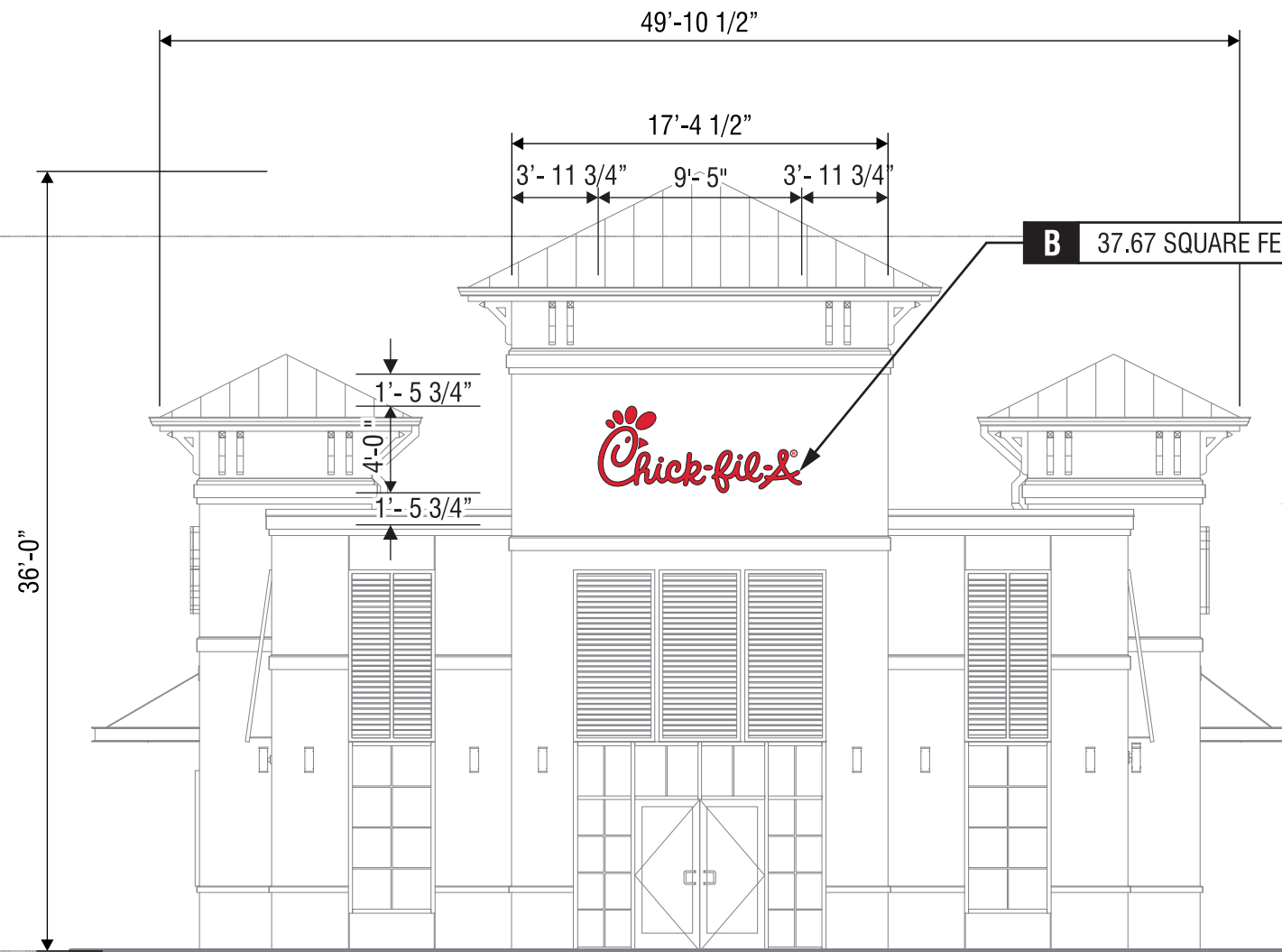


SITE PLAN	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER L03841	STORE ADDRESS Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073
DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday		
		DRAWING DATE December 23, 2015		
		REVISION DATE July 23, 2018		

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SITE PLAN



ELEVATION

SCALE - 1/8" = 1'- 0"

ELEVATION

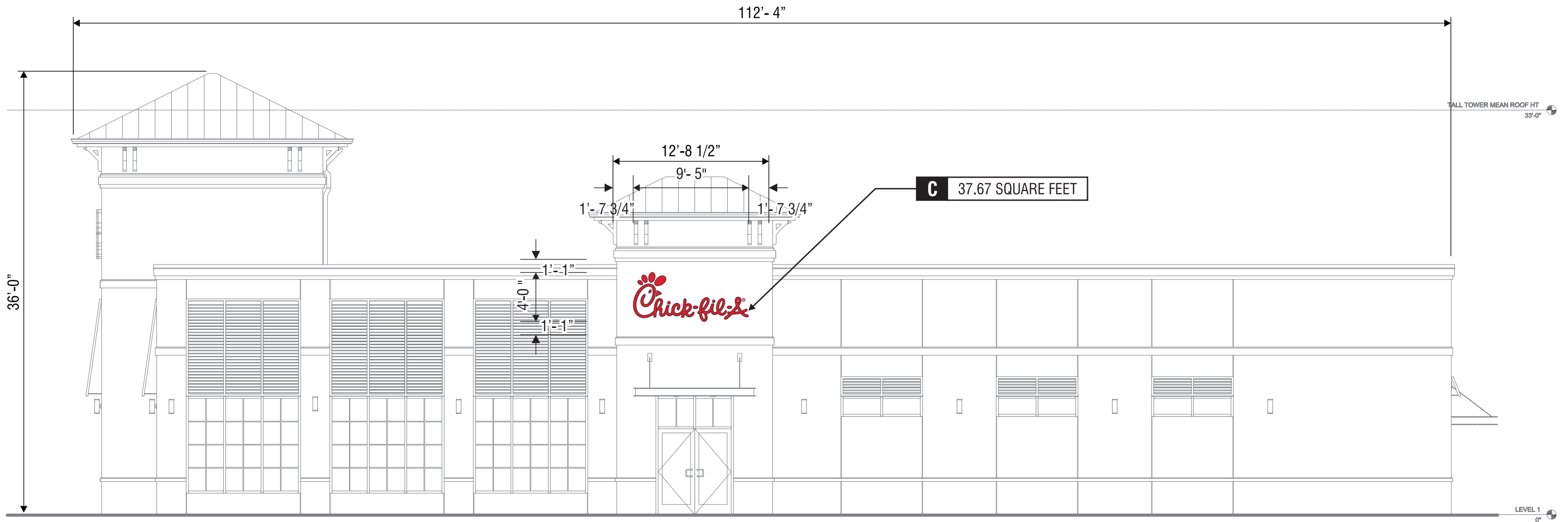
SCALE - 1/8" = 1'- 0"

SCALE - 1/8" = 1'- 0"



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BUILDING S08C	BUILDING ELEVATIONS	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY	Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	BUILDING ELEVATIONS
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP.	Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL		
	DRAWING DATE	December 23, 2015	North State Road 7					
	REVISION DATE	July 23, 2018	Coconut Creek, FL 33073					



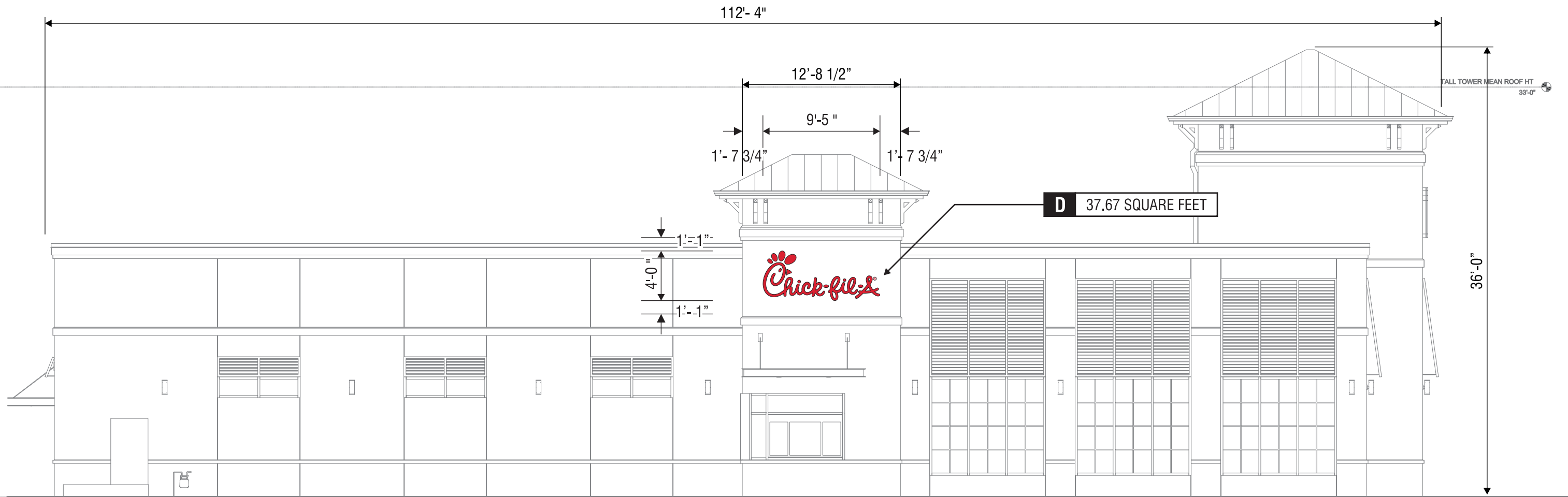
ELEVATION

SCALE - 1/8" = 1'- 0"



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
			DRAWING DATE December 23, 2015				
			REVISION DATE July 23, 2018				



ELEVATION

SCALE - 1/8" = 1'-0"



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
			DRAWING DATE December 23, 2015				
			REVISION DATE July 23, 2018				

SPECIFICATIONS

CABINET

ALUMINUM CABINET HAS EXTRUDED ALUMINUM FRAME .


CHICK-FIL-A ICON

ACRYLIC FACES DECORATED WITH TRANSLUCENT VINYL FILM ON SURFACE OF ACRYLIC. FACES ARE BACKLIT BY HIGH OUTPUT FLUORESCENT LAMPS SPACED EVENLY ON 8" CENTERS.

 ARLON 230-53 CARDINAL RED

 ARLON CAST FLEX 10 FLEX MATERIAL
WHITE LEXAN

 PAINTED DARK BRONZE

 PAINTED TO MATCH
BUILDING (STUCCO FINISH)



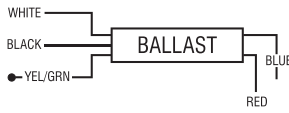
SIGN STRUCTURE AREA (6'-0" x 5'-0") = 30.00 SQUARE FEET

ALLOWABLE SIGN AREA - 30.00 SQUARE FEET x 60% = 18.00 SQUARE FEET

SIGN AREA (3'-4" x 3'-4") = 11.09 SQUARE FEET



SEE ENGINEER STAMPED DRAWING FOR FOUNDATION DETAILS

 	FLUORESCENT CABINET LIGHTING T8/HO/LAMPS POWER SUPPLY EESB ELECTRONIC BALLAST	WET LOCATION CONNECT THE AC LINE TO THE BLACK (LINE) AND WHITE (NEUTRAL) INPUT WIRES OF THE POWER SUPPLY USING 18-14 AWG TWIST ON WIRE CONNECTORS. GROUND POWER SUPPLY GREEN WIRE TO GROUNDING SCREW.	
	THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN.		

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SIGN TYPE 2	DOUBLE-FACED INTERNALLY-ILLUMINATED OUTPARCEL SIGN	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday ACCOUNT REP. Ben Holliday DRAWING DATE December 23, 2015 REVISION DATE July 23, 2018	STORE NUMBER L03841	STORE ADDRESS Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	LOCATION A
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR						

SPECIFICATIONS

CHICK-FIL-A SCRIPT LETTERS
 LETTERS ARE LED-ILLUMINATED
 CHANNEL LETTERS MOUNTED
 ON ALUMINUM SURFACE OF BUILDING
 WITH TRANSFORMERS REMOTELY
 LOCATED BEHIND THE WALL IN
 UL APPROVED TRANSFORMER BOXES.
 FACES ARE 3/16" ACRYLIC
 RETURNS ARE .063 ALUMINUM
 BACKS ARE .080 ALUMINUM
 ALL RETURNS ARE ARC-WELDED TO
 LETTER BACKS



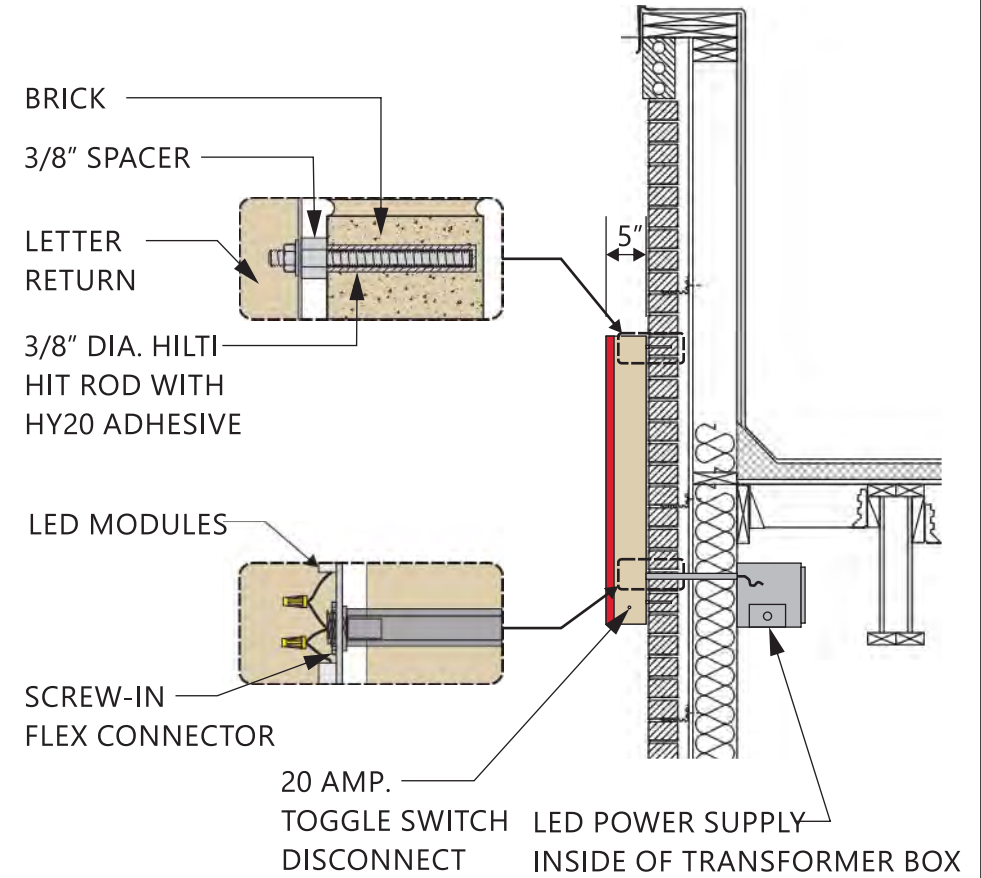
CHANNEL LETTER FACES
 2793 RED ACRYLIC
 TRIMCAP RETAINER-
 1" RED JEWELITE TRIMCAP



ALUMINUM RETURNS
 PAINTED TO MATCH
 SHERWIN WILLIAMS
 SW6108 LATTE



ELEVATION
 SCALE - 1/2" = 1'- 0"



CROSS-SECTION
 SCALE - 1/2" = 1'- 0"

 	CHANNEL LETTERS (RED ILLUMINATION) LED's JTLS016R-0.4 RED LED POWER SUPPLY BL-120-12-60 POWER SUPPLY	<p>CONNECT THE AC LINE TO THE BLACK (LINE) AND WHITE (NEUTRAL) INPUT WIRES OF THE POWER SUPPLY USING 18-14 AWG TWIST ON WIRE CONNECTORS. GROUND POWER SUPPLY GREEN WIRE TO GROUNDING SCREW. REPLACE JUNCTION BOX COVER.</p>	WET LOCATION
	THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN.		

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SIGN TYPE LED-ILLUMINATED CHANNEL LETTER WALL SIGN 3.5	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER L03841	STORE ADDRESS Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	LOCATION B-D
	ACCOUNT REP. Ben Holliday DRAWING DATE December 23, 2015 REVISION DATE July 23, 2018		STORE ADDRESS				

SPECIFICATIONS

CANOPY TOP

METAL TOP (OPAQUE) WITH COLOR TO MATCH BUILDING COLOR.

DARK BRONZE

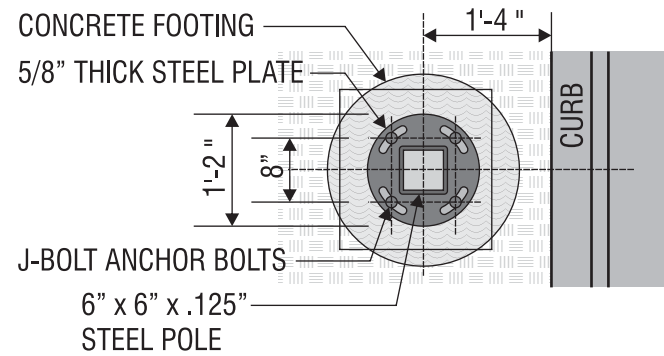
STRUCTURE

6" X 6" STEEL SUPPORT POLE INSTALLED INTO CONCRETE FOOTING WITH ANCHOR BOLTS. 3" ALUMINUM TUBING FRAME ON CANOPY TOP.

WHITE VINYL FILM

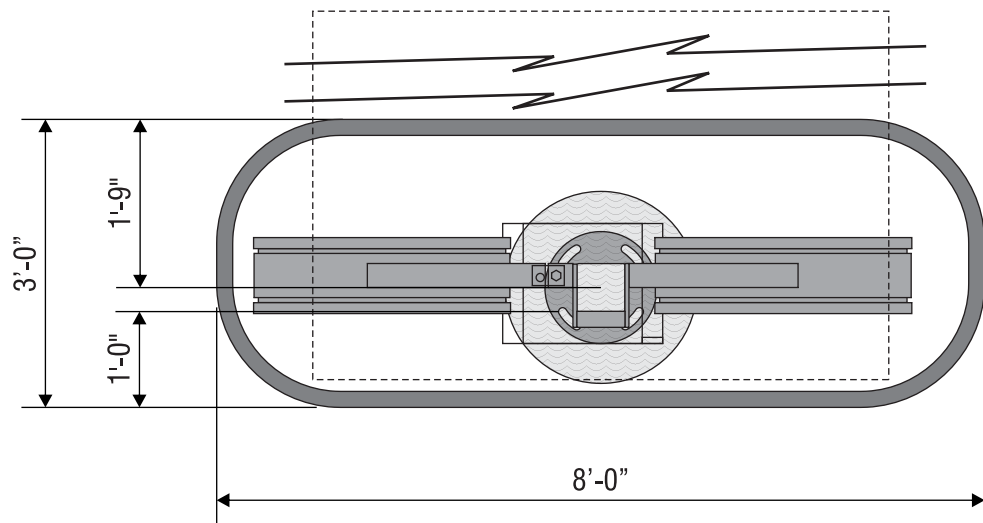
MENU BOARDS

PIVOTING ALUMINUM CONSTRUCTION CABINETS INTERNALLY ILLUMINATED WITH OPENINGS TO FIT MENU GRAPHICS. BOARDS INTERNALLY ILLUMINATED BY BY LEDS.



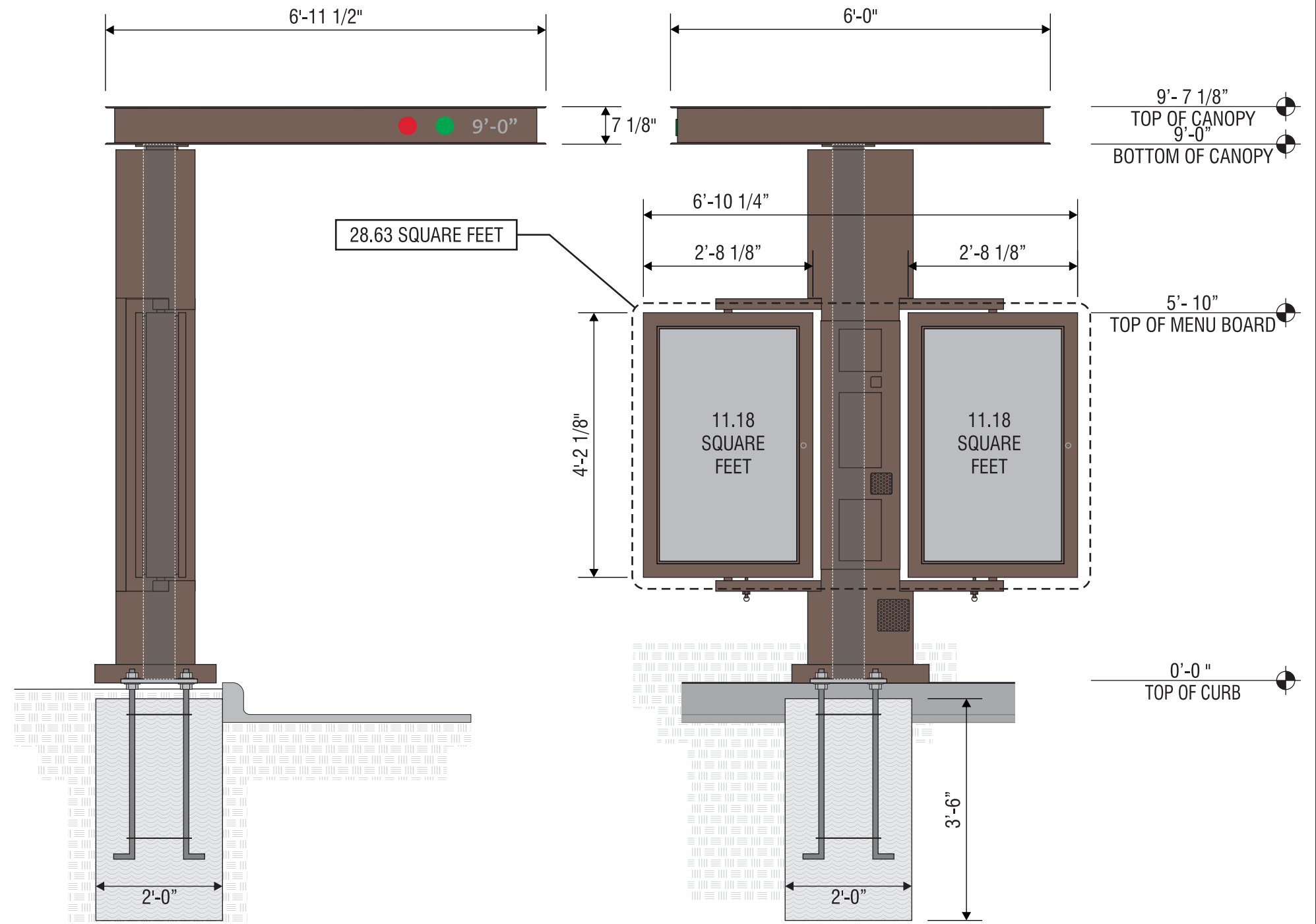
BOLT DETAIL

SCALE - 1/2" = 1'-0"



OUTER LANE ISLAND PLAN VIEW

SCALE - 1/2" = 1'-0"



END VIEW

SCALE - 1/2" = 1'-0"

ELEVATION

SCALE - 1/2" = 1'-0"



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MENU CANOPY/MENU BOARD

DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR

ALL ELECTRICAL
SIGNS ARE
120 VOLTS
UNLESS
OTHERWISE INDICATED

DRAWN BY	Ben Holliday
ACCOUNT REP.	Ben Holliday
DRAWING DATE	December 23, 2015
REVISION DATE	July 23, 2018

STORE NUMBER	L03841
--------------	--------

STORE ADDRESS	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073
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LOCATION
H1/H2

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

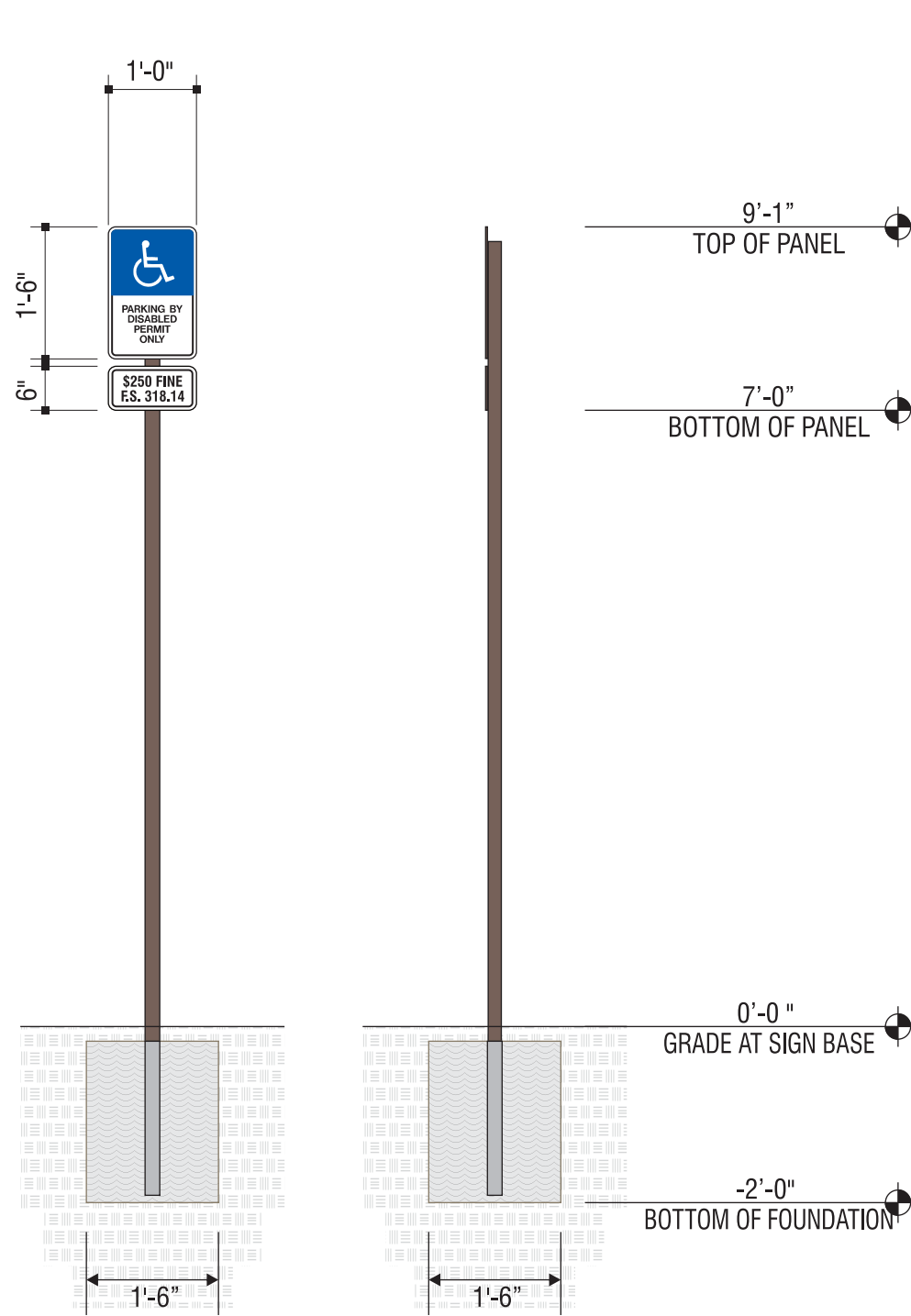
SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



BACK OF SIGN PANEL AND POST
DARK BRONZE

NOTE: IF THIS SIGN IS LOCATED ON THE SIDEWALK THEN IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSTALL A PVC SLEEVE INTO THE CONCRETE WHEN THE SIDEWALK IS POURED PRIOR TO INSTALLATION OF THE SIGN BY CLAYTON SIGNS.

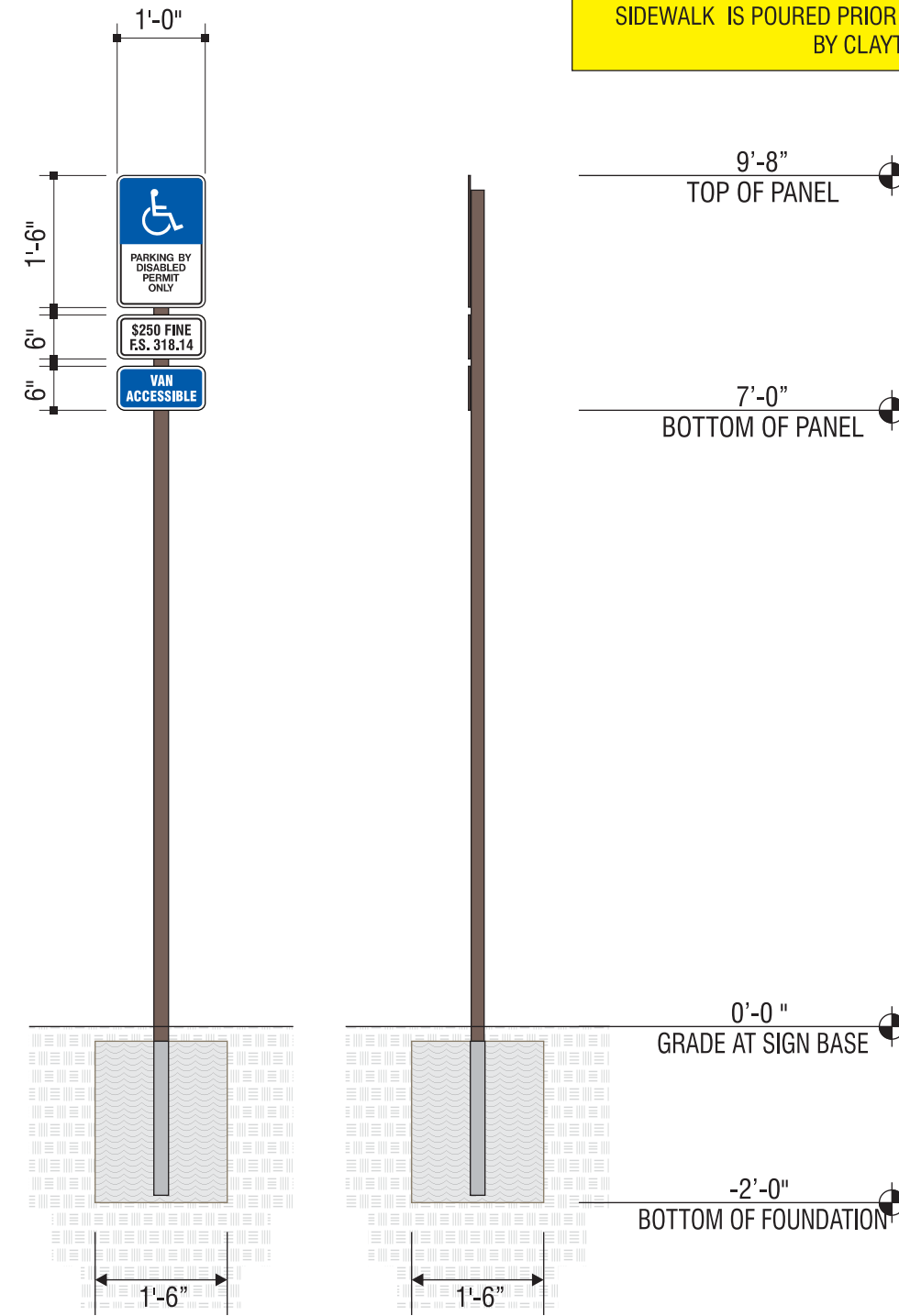


ELEVATION

SCALE - 1/2" = 1'-0"

END VIEW

SCALE - 1/2" = 1'-0"



ELEVATION

SCALE - 1/2" = 1'-0"

END VIEW

SCALE - 1/2" = 1'-0"



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SIGN TYPE 7	DOT REGULATORY TRAFFIC SIGNS
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR

ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday
	ACCOUNT REP. Ben Holliday
	DRAWING DATE December 23, 2015
	REVISION DATE July 23, 2018

STORE NUMBER	STORE ADDRESS
L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073

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LOCATION
K

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



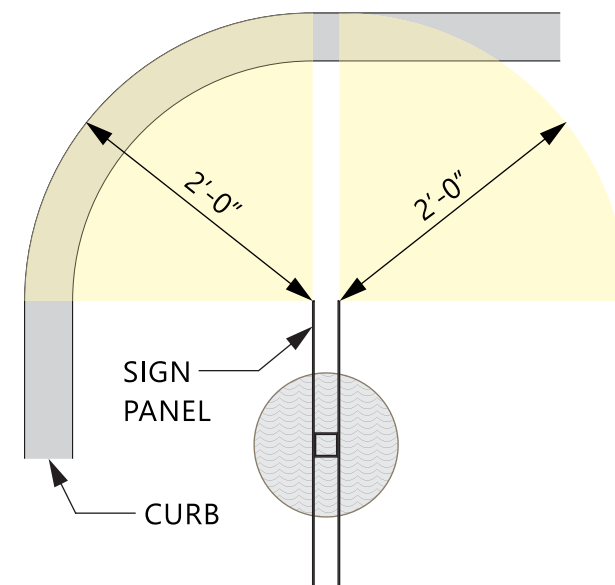
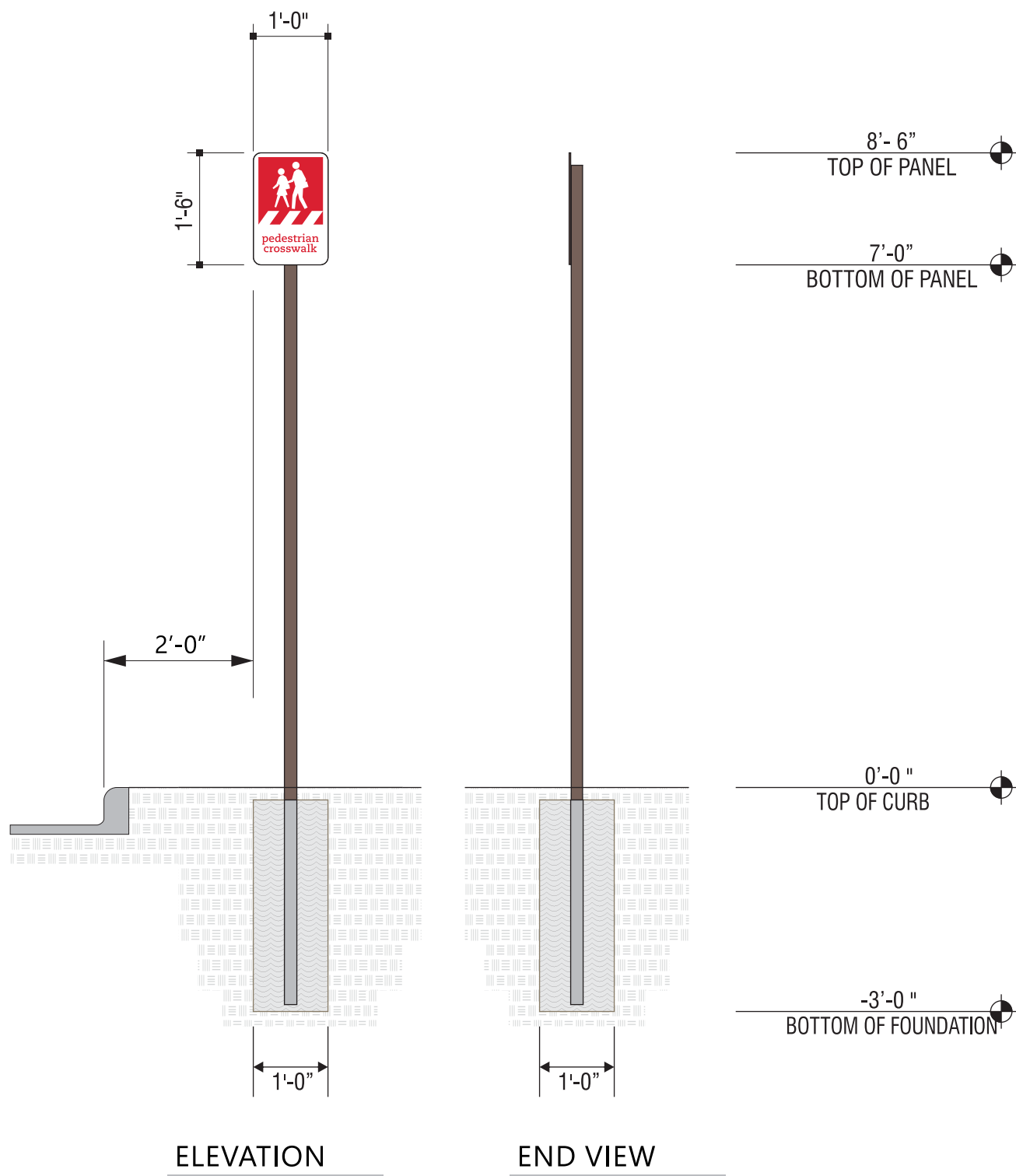
SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE



BACK OF SIGN PANEL AND POST
DARK BRONZE



PLAN VIEW
SCALE - 3/4" = 1'-0"



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404.361.3800
www.claytonsigns.com

SIGN TYPE 7	DOT REGULATORY TRAFFIC SIGNS	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	LOCATION L
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
		DRAWING DATE December 23, 2015					
		REVISION DATE July 23, 2018					

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



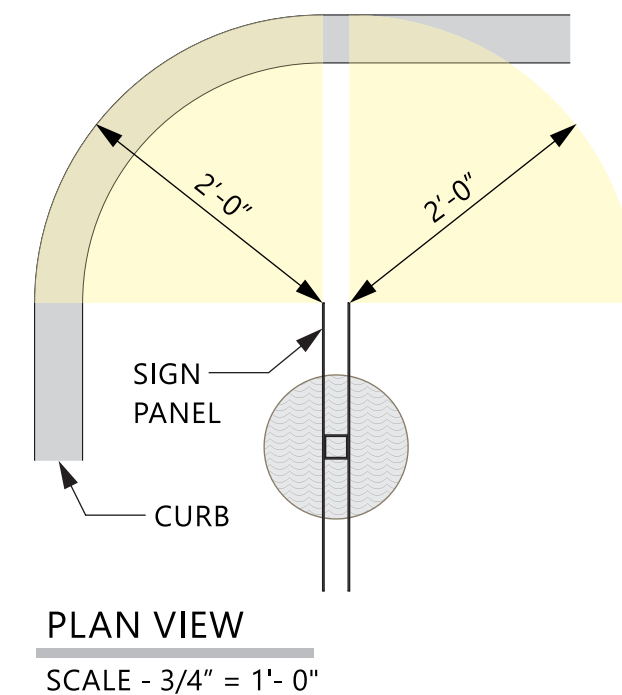
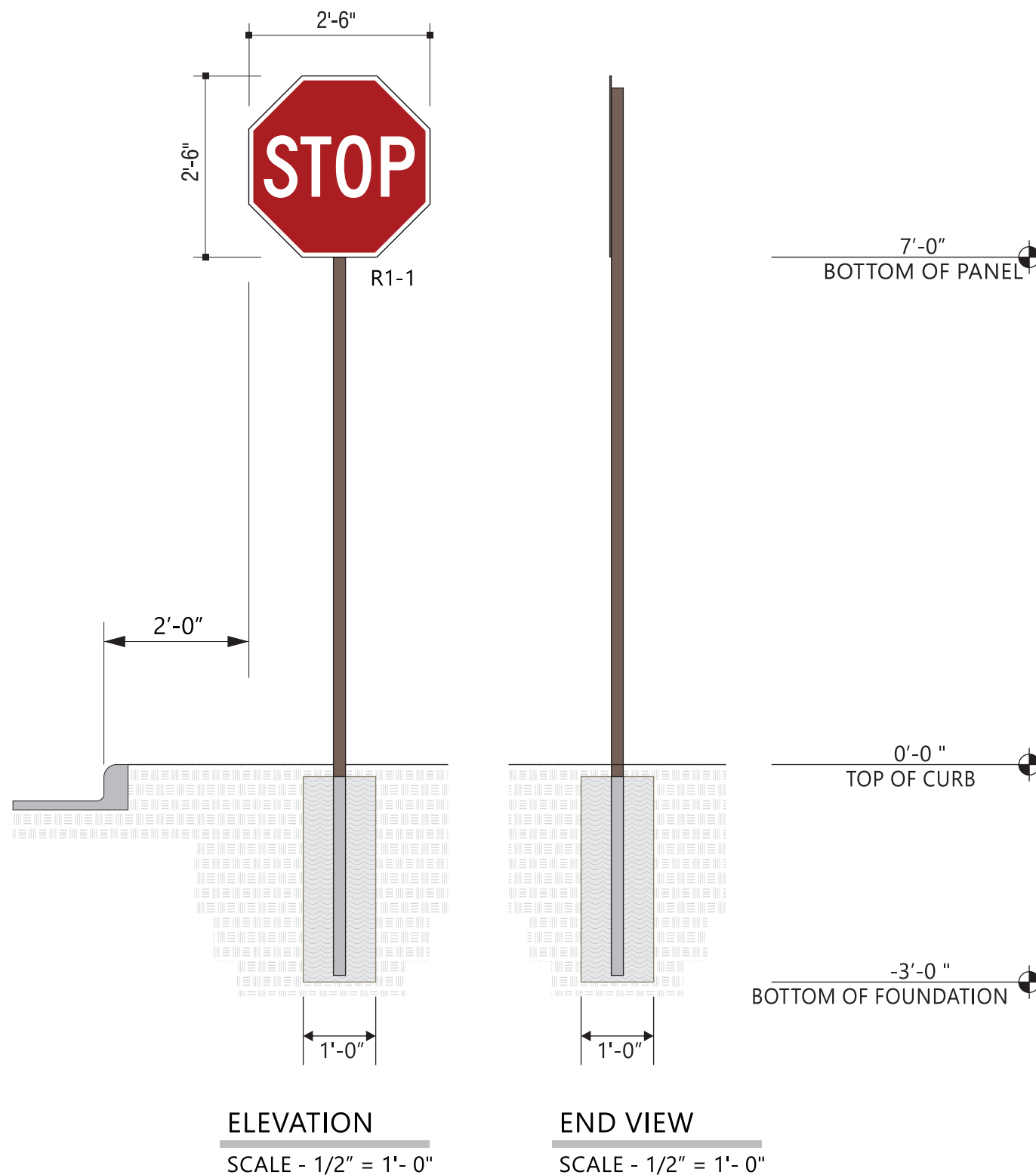
SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE



BACK OF SIGN PANEL AND POST
DARK BRONZE



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
		DRAWING DATE December 23, 2015					
		REVISION DATE July 23, 2018					

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE



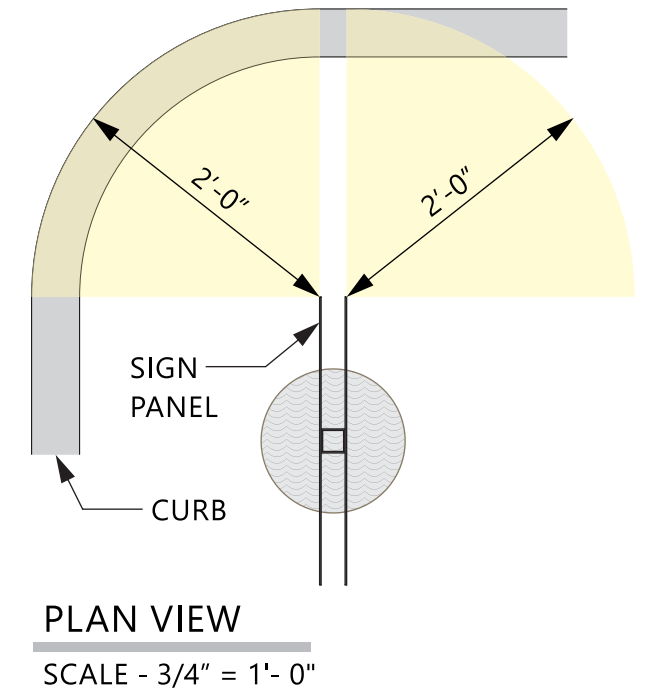
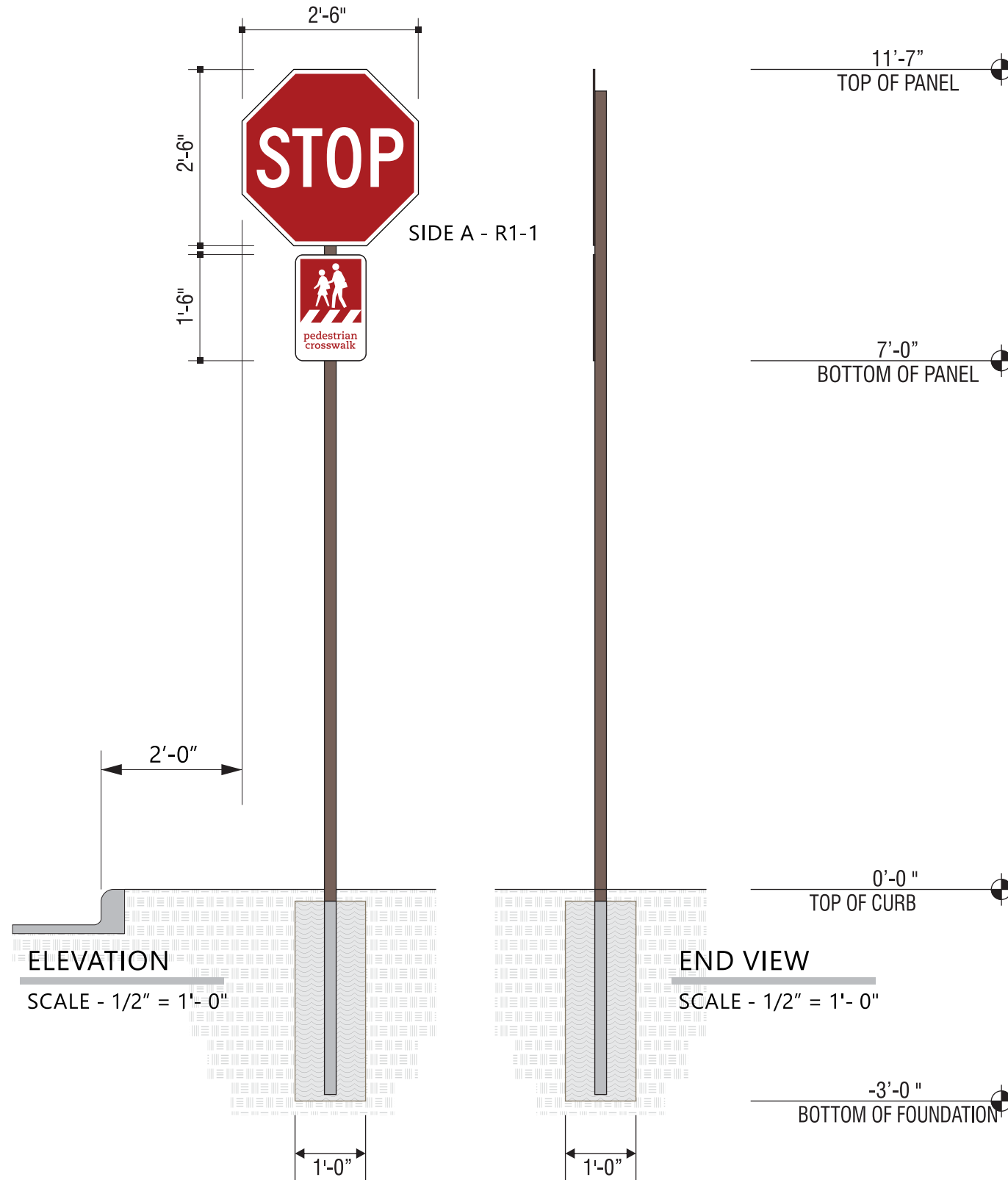
BACK OF SIGN PANEL AND POST
DARK BRONZE



SIGN PANEL (IF SHOWN)
BLACK REFLECTIVE



SIGN PANEL (IF SHOWN)
YELLOW REFLECTIVE



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
		DRAWING DATE December 23, 2015					
		REVISION DATE July 23, 2018					

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



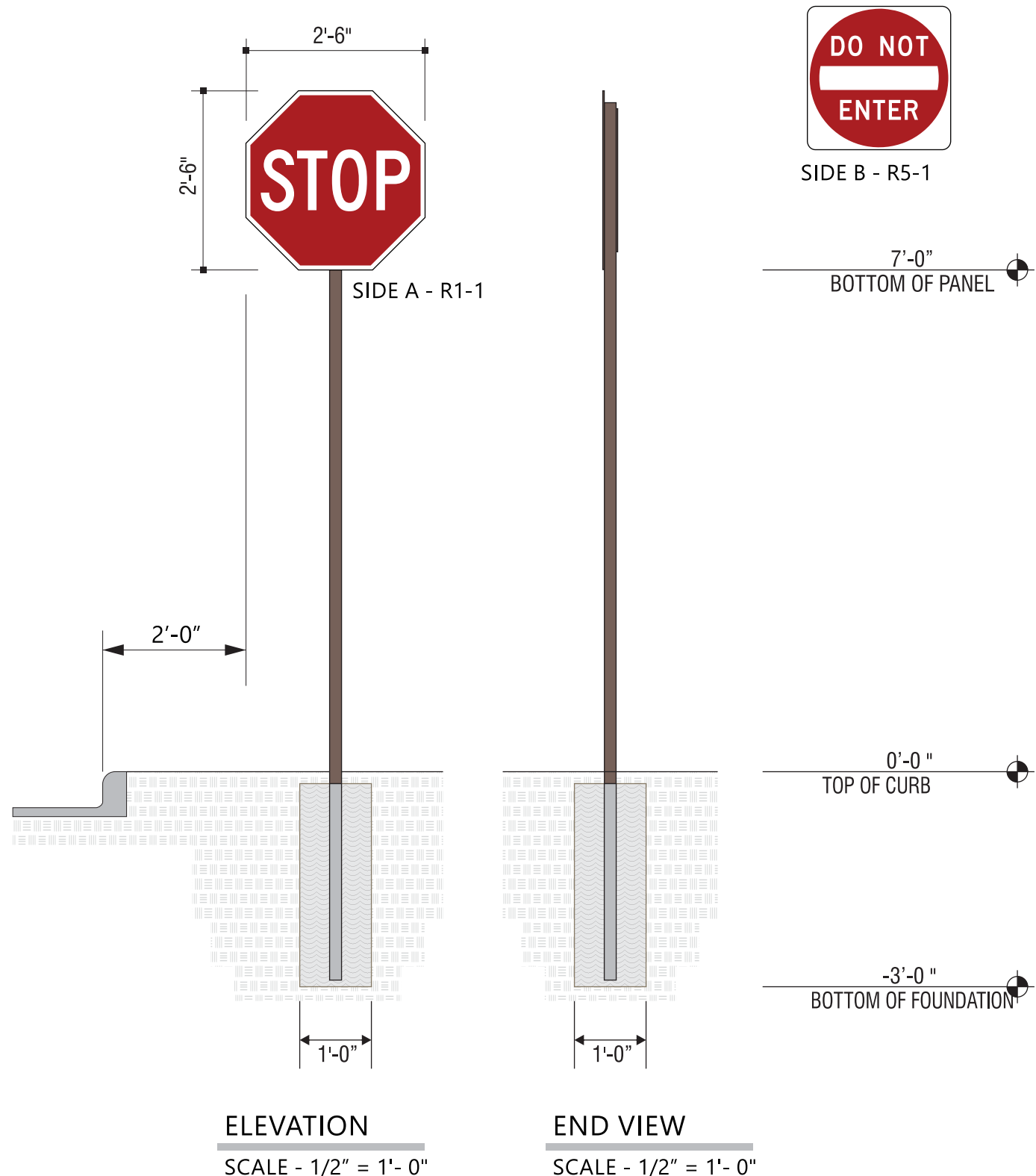
SIGN PANEL
RED REFLECTIVE



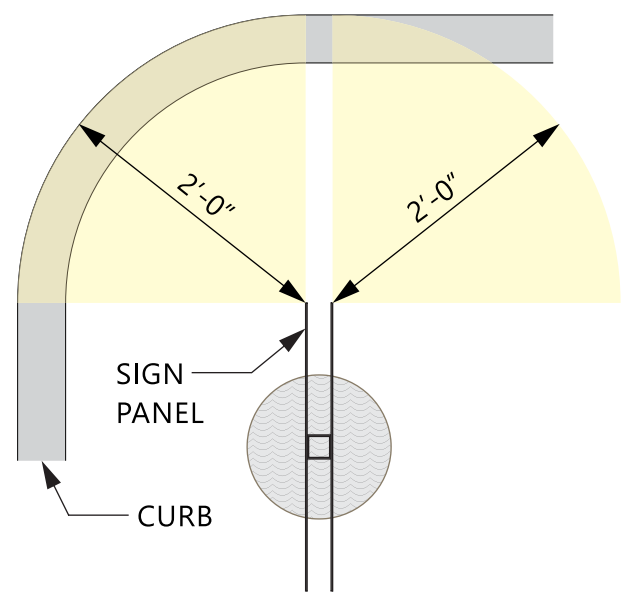
SIGN PANEL
WHITE REFLECTIVE



BACK OF SIGN PANEL AND POST
DARK BRONZE



SIDE B - R5-1



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL		
	DRAWING DATE December 23, 2015	North State Road 7					
	REVISION DATE July 23, 2018	Coconut Creek, FL 33073					

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



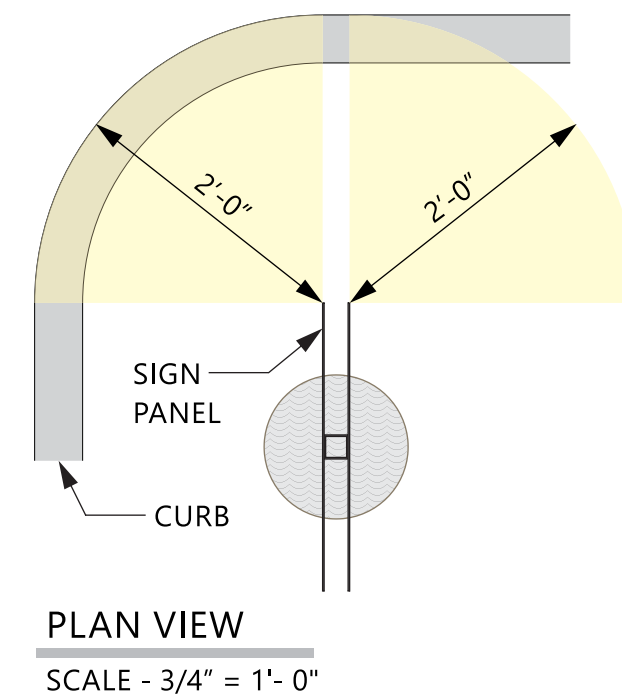
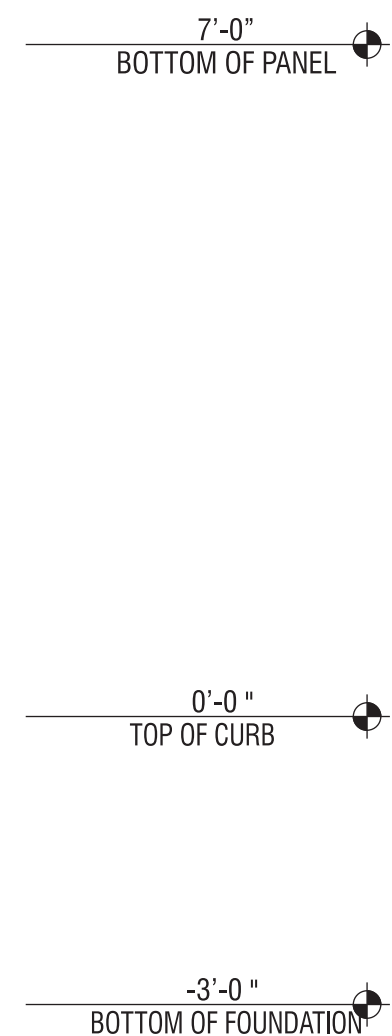
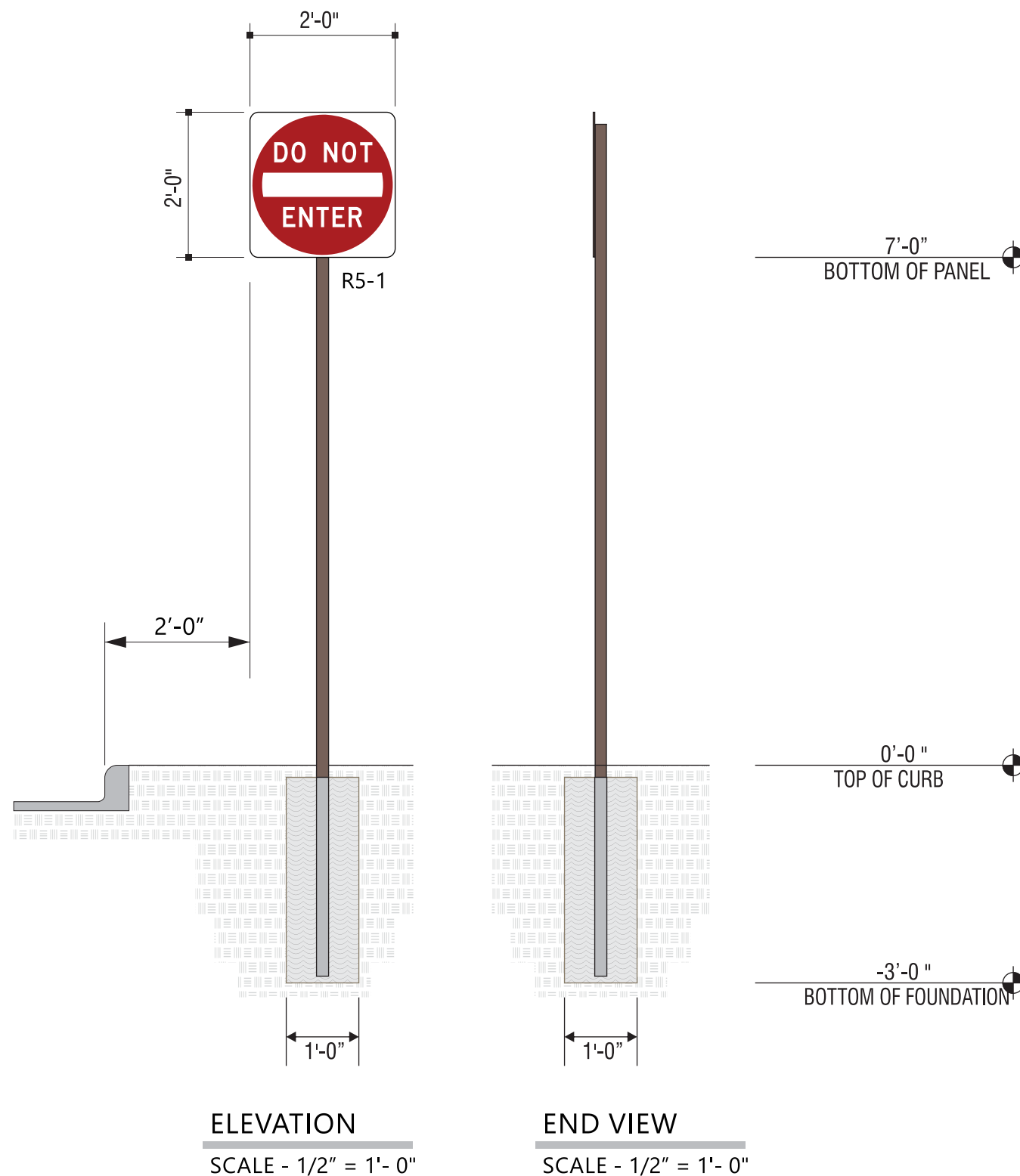
SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE



BACK OF SIGN PANEL AND POST
DARK BRONZE



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
			DRAWING DATE December 23, 2015				
			REVISION DATE July 23, 2018				

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



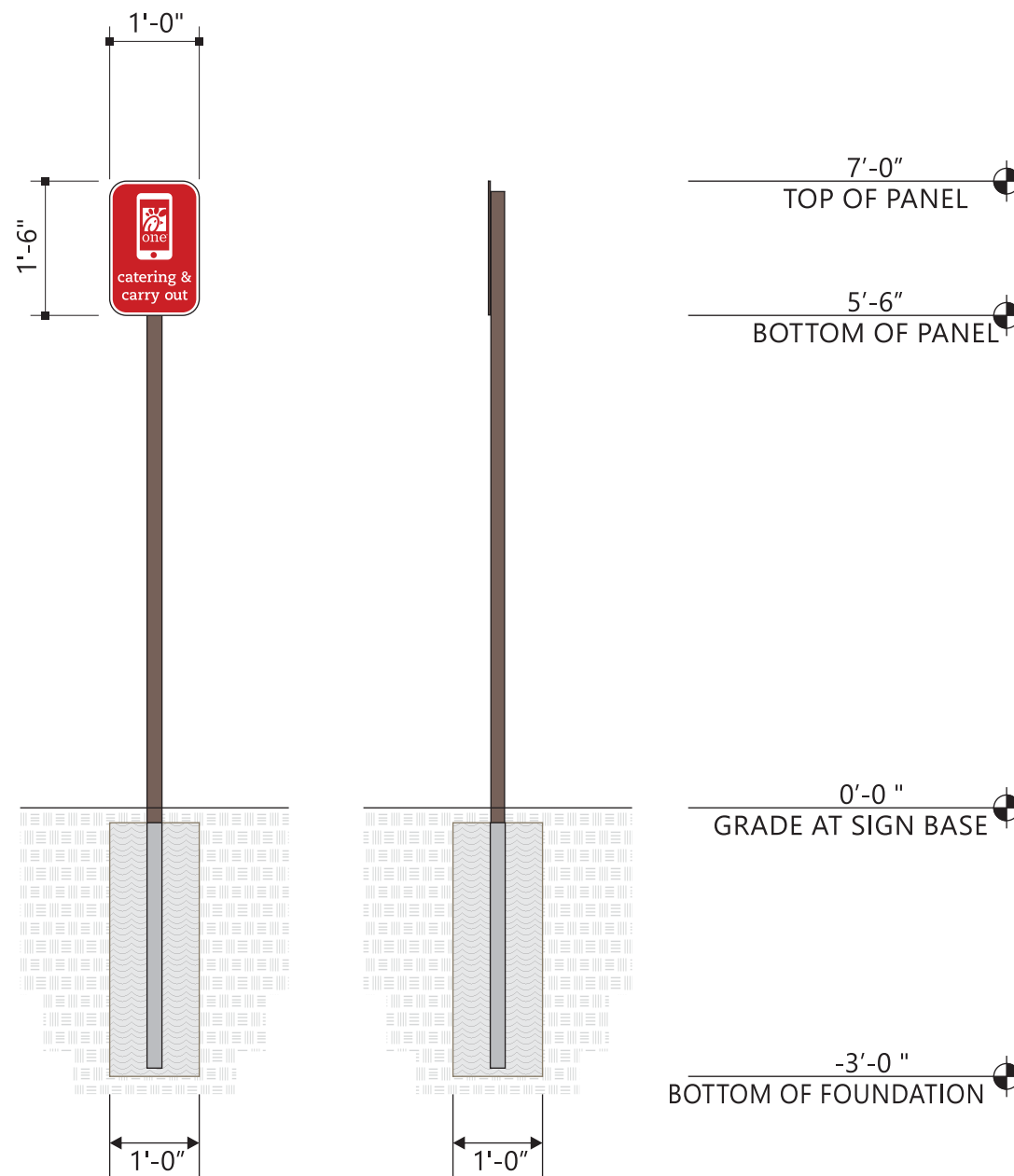
SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE



BACK OF SIGN PANEL AND POST
DARK BRONZE



ELEVATION
SCALE - 1/2" = 1'- 0"

END VIEW
SCALE - 1/2" = 1'- 0"



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	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL		
	DRAWING DATE December 23, 2015	North State Road 7					
	REVISION DATE July 23, 2018	Coconut Creek, FL 33073					

SPECIFICATIONS

SIGN PANELS

PANELS ARE .080 ALUMINUM WITH REFLECTIVE BACKGROUND AND GRAPHICS.

SIGN POSTS

POSTS ARE 2" x 2" SQUARE ALUMINUM TUBING CAPPED ON TOP



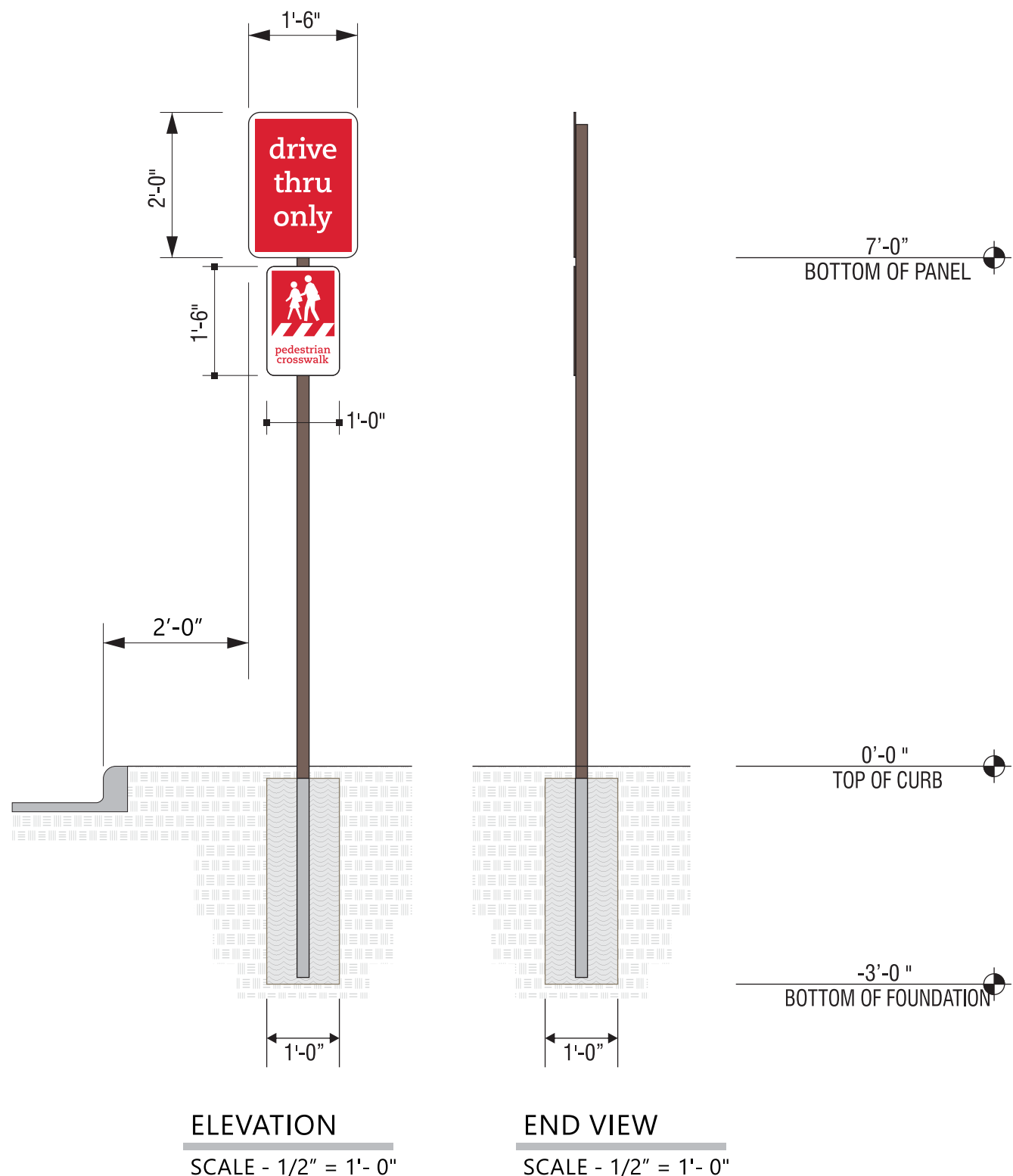
SIGN PANEL
RED REFLECTIVE



SIGN PANEL
WHITE REFLECTIVE

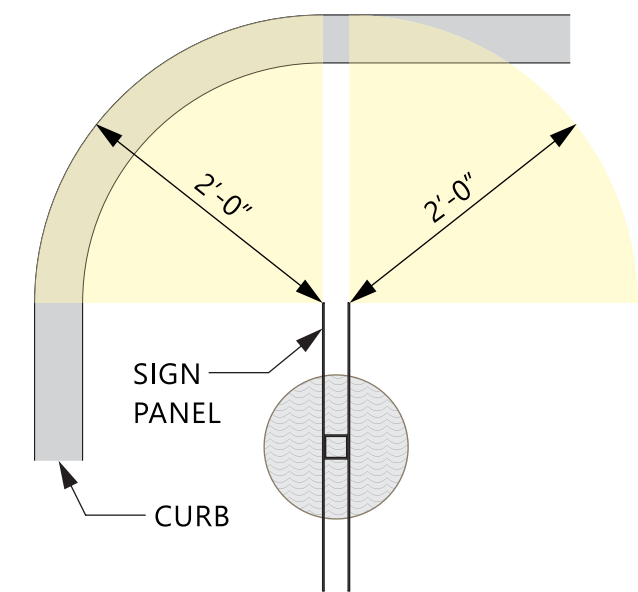


BACK OF SIGN PANEL AND POST
DARK BRONZE



ELEVATION
SCALE - 1/2" = 1'- 0"

END VIEW
SCALE - 1/2" = 1'- 0"

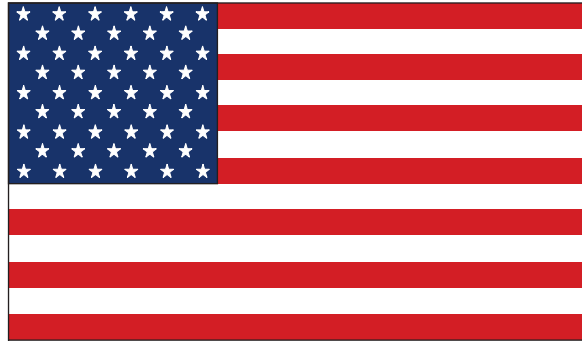


PLAN VIEW
SCALE - 3/4" = 1'- 0"



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SIGN TYPE 7	DOT REGULATORY TRAFFIC SIGNS	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	LOCATION Q
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
			DRAWING DATE December 23, 2015				
			REVISION DATE July 23, 2018				

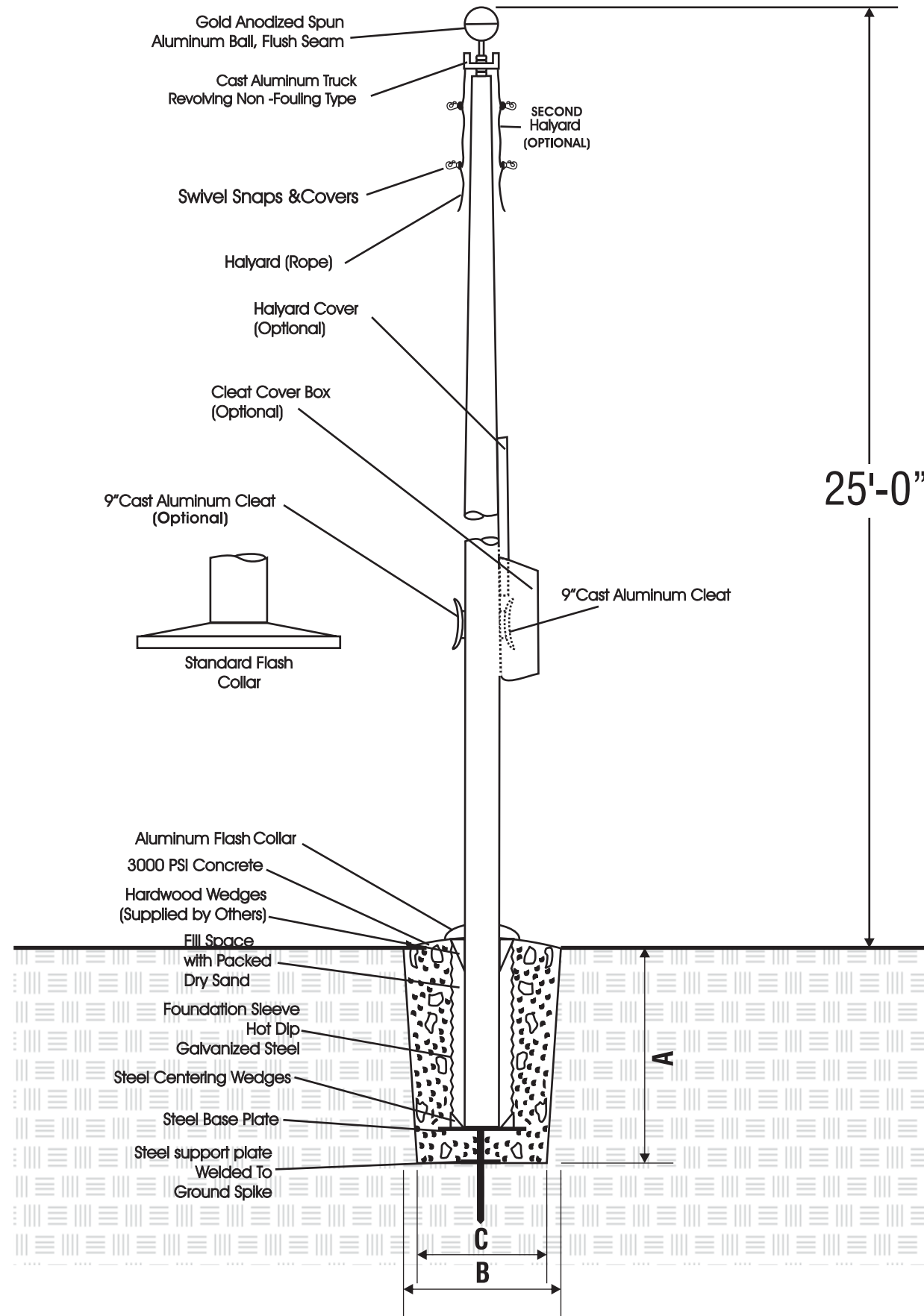


MAXIMUM OF 24 SQUARE FEET

FOUNDATION SIZES

HEIGHT	A	B	C
20'	3'6"	30"	24"
25'	3'6"	30"	24"
30'	3'6"	30"	24"
35'	4'0"	36"	30"
40'	4'6"	42"	36"
45'	5'0"	48"	42"
50'	5'6"	48"	42"

GROUND SLEEVE AND CONCRETE INSTALLED BY THE GENERAL CONTRACTOR
 POLE INSTALLED ON PRE-INSTALLED GROUND SLEEVE BY SIGN CONTRACTOR



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SIGN TYPE 10	FLAG POLE
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR

ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED

DRAWN BY	Ben Holliday
ACCOUNT REP.	Ben Holliday
DRAWING DATE	December 23, 2015
REVISION DATE	July 23, 2018

STORE NUMBER	STORE ADDRESS
L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073

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SPECIFICATIONS

SUPPORT POLE

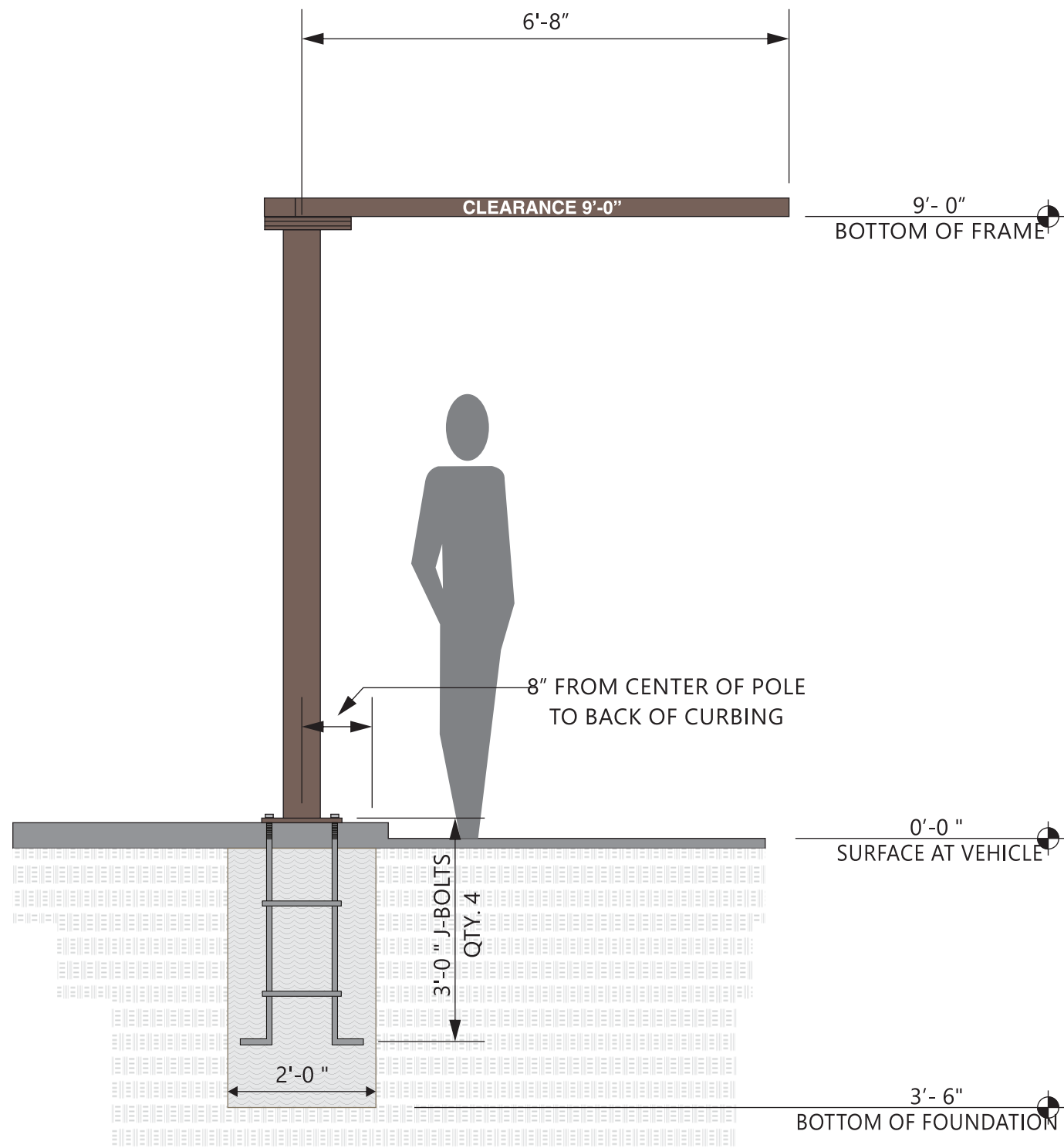
POLE HAS 13" x 13" x 3/4" THICK STEEL PLATE WITH FOUR(4) 1" DIA. HOLES IN EACH CORNER 2" FROM EACH END AND FOUR (4) ANCHOR BOLTS



METAL SURFACES
DARK BRONZE

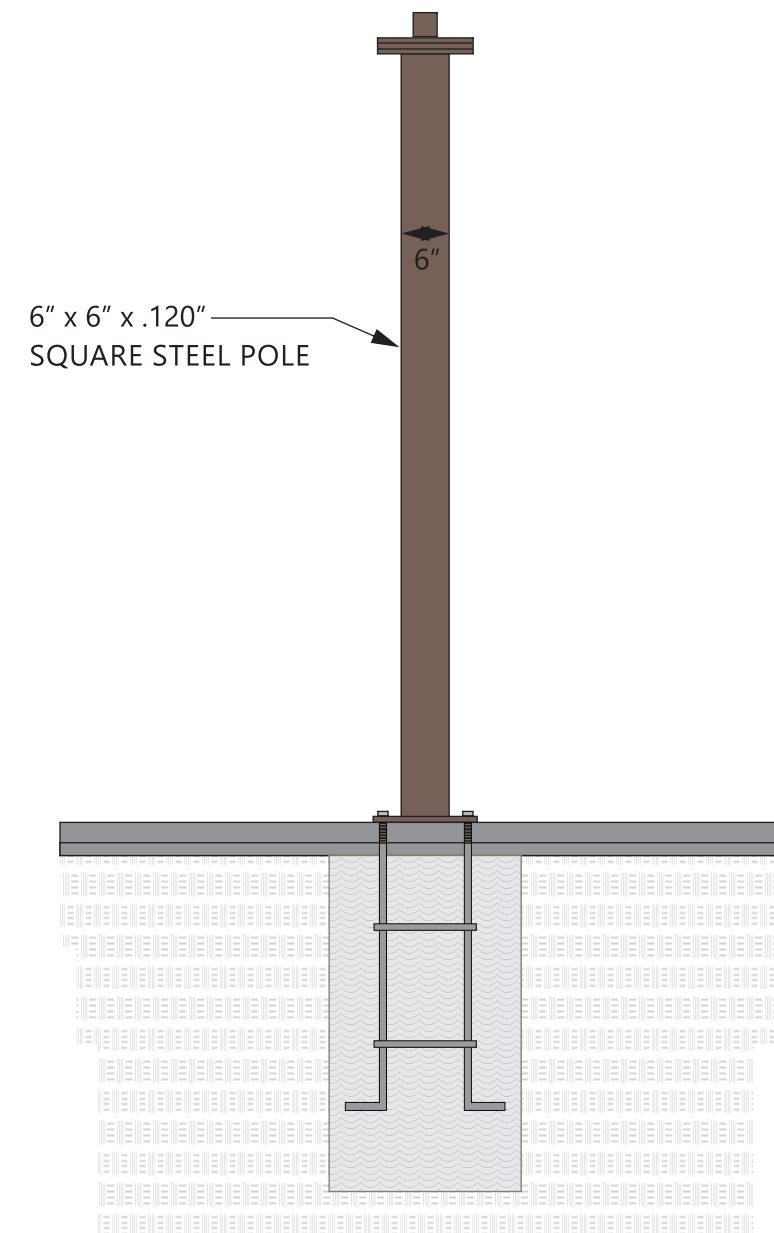


GRAPHICS
WHITE HIGH PERFORMANCE
VINYL FILM GRAPHICS



ELEVATION

SCALE - 1/2" = 1'- 0"



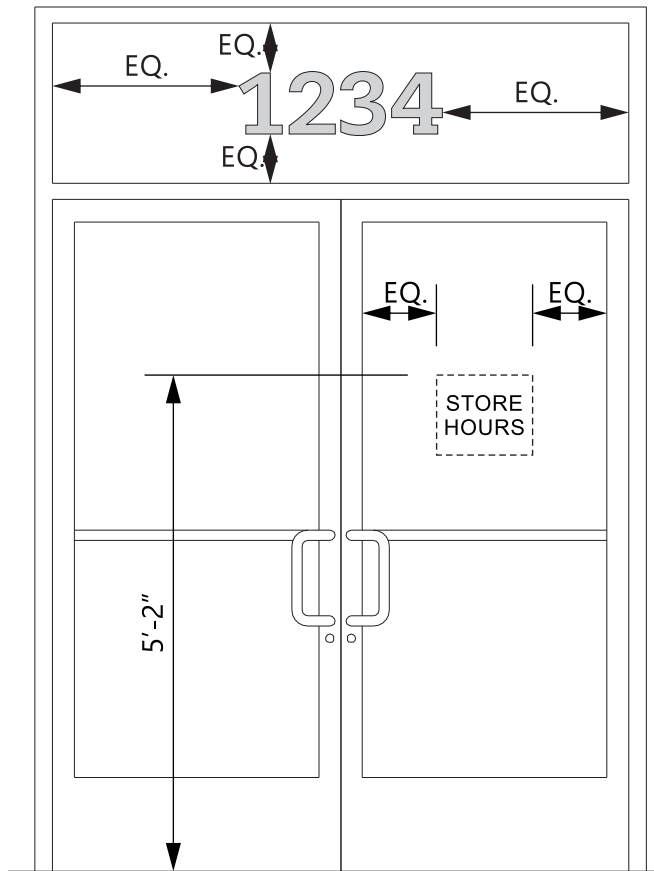
END VIEW

SCALE - 1/2" = 1'- 0"

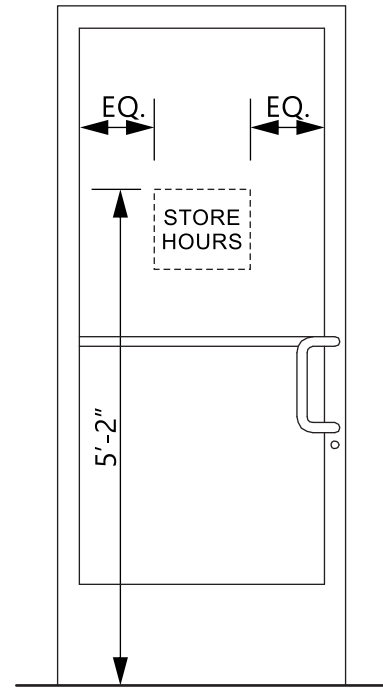


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CLEARANCE BAR	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED	LOCATION CB
			ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL North State Road 7 Coconut Creek, FL 33073		
			DRAWING DATE December 23, 2015				
			REVISION DATE July 23, 2018				



ELEVATION
SCALE - 1/2" = 1'- 0"



ELEVATION
SCALE - 1/2" = 1'- 0"

1234

8" TALL ADDRESS NUMBERS
 AVERY SC 900-810-0 LIGHT GREY VINYL FILM
 APPLIED TO INTERIOR SURFACE OF GLASS
 CAESCILIA COM 55 ROMAN FONT
**VERIFY ADDRESS BEFORE
 MAKING NUMBERS**

ELEVATION
SCALE - 3" = 1'- 0"



LETTERING IS WHITE VINYL FILM
 CREDIT CARD LOGOS ARE PRINTED DECALS ON CLEAR FILM
 ALL GRAPHICS ARE APPLIED TO INTERIOR SURFACE OF GLASS
 STORE HOURS MAY BE DIFFERENT PER STORE.

ELEVATION
SCALE - 3" = 1'- 0"



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SIGN TYPE 6	VINYL WINDOW GRAPHICS	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL	
		DRAWING DATE December 23, 2015	North State Road 7			
		REVISION DATE July 23, 2018	Coconut Creek, FL 33073			

VERIFY ADDRESS BEFORE MAKING NUMBERS

1234

8" TALL ADDRESS NUMBERS
ALUMINUM PAINTED WHITE
CAESCILIA COM 55 ROMAN FONT

ELEVATION

SCALE - 3" = 1'- 0"

8" TALL ALUMINUM ADDRESS
NUMERALS ATTACHED TO WALL



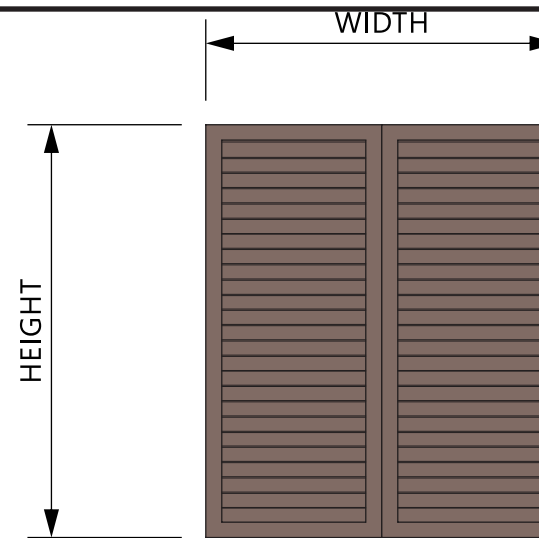
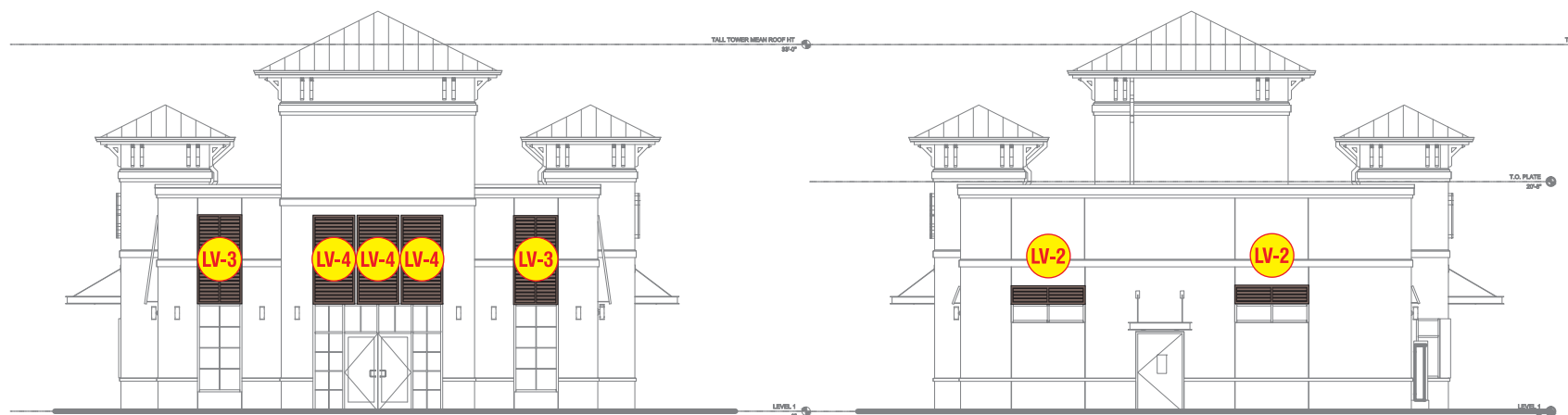
ELEVATION

SCALE - 1/8" = 1'- 0"



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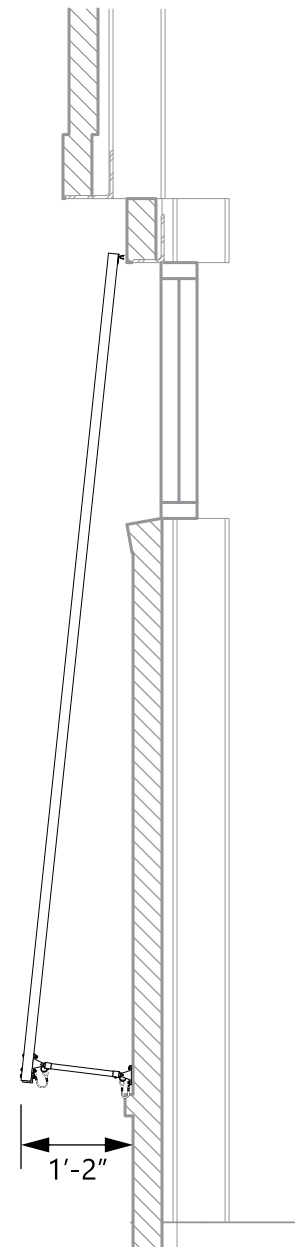
SIGN TYPE 6	VINYL WINDOW GRAPHICS	ALL ELECTRICAL SIGNS ARE 120 VOLTS UNLESS OTHERWISE INDICATED	DRAWN BY Ben Holliday	STORE NUMBER	STORE ADDRESS	THIS DRAWING IS AN ORIGINAL, UNPUBLISHED DESIGN CREATED BY CLAYTON SIGNS, INC. IT IS NOT TO BE REPRODUCED, CHANGED, OR EXHIBITED TO ANYONE OUTSIDE OF YOUR COMPANY IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION FROM THE OWNER OF CLAYTON SIGNS, INC.. ANY SUCH ACTIONS MAY BE SUBJECT TO LEGAL ACTION IN A COURT OF LAW. © 2015 ALL RIGHTS RESERVED
	DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR		ACCOUNT REP. Ben Holliday	L03841	Chick-fil-A at Coconut Creek, FL	
	DRAWING DATE December 23, 2015	North State Road 7				
	REVISION DATE July 23, 2018	Coconut Creek, FL 33073				



ALUMINUM BAHAMA SHUTTER
COLOR - DARK BRONZE

ELEVATION
SCALE - 1/4" = 1'- 0"

Shutter	Qty.	Height	Width
LV-1	6	48.00	56.00
LV-2	8	10.00	40.00
LV-3	2	48.00	24.00
LV-4	3	48.00	22.50



END VIEW DETAIL
SCALE - 1/2" = 1'- 0"



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BAHAMA SHUTTERS

DRAWING FILE - CFA - COCONUT CREEK, FL SIGNAGE.CDR

ALL ELECTRICAL
SIGNS ARE
120 VOLTS
UNLESS
OTHERWISE INDICATED

DRAWN BY Ben Holliday
ACCOUNT REP. Ben Holliday
DRAWING DATE December 23, 2015
REVISION DATE July 23, 2018

STORE NUMBER
L03841

STORE ADDRESS

Chick-fil-A at Coconut Creek, FL
North State Road 7
Coconut Creek, FL 33073

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