

# COCONUT CREEK HOTEL

City of Coconut Creek, Broward County, Florida

**ENGINEER:**  
**SUN-TECH ENGINEERING, INC.**  
 1600 W. OAKLAND PARK BLVD.  
 FORT LAUDERDALE, FL 33311

**ARCHITECT:**  
**ANDERSON ARCHITECTURE, INC.**  
 399 CAMINO GARDENS BLVD., SUITE 202  
 BOCA RATON, FL 33432



SECTION 7, TOWNSHIP 48 SOUTH, RANGE 42 EAST  
**LOCATION MAP**  
 N.T.S.

INDEX OF DRAWINGS	
SHEET NO.	TITLE
	COVER SHEET
GN1	GENERAL NOTES
C1 - C4	PAVING & DRAINAGE PLANS
C5 - C11	PAVING & DRAINAGE DETAILS
C12 - C14	PAVEMENT MARKING & SIGNAGE PLANS
C15 - C17	WATER AND SEWER PLANS
C18	SEWER PROFILES
C19 - C22	WATER & SEWER DETAILS
C23 - C26	STORMWATER POLLUTION PREVENTION PLAN

**LEGAL DESCRIPTION:**

**PARCEL 1**  
 THE NORTH 380 FEET OF TRACT 13, BLOCK 86, LESS AND EXCEPT THE EAST 330 FEET AND LESS AND EXCEPT THE WEST 50 FEET THEREOF, OF THE PALM BEACH FARMS COMPANY PLAT NO. 3, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 45 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, SAID LANDS SITUATE, LYING AND BEING IN BROWARD COUNTY, FLORIDA.

AND,

**PARCEL 2**  
 THE EAST 330 FEET OF TRACT 13, BLOCK 86, LESS AND EXCEPT THE SOUTH 70 FEET THEREOF, OF THE PALM BEACH FARMS COMPANY PLAT NO. 3, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 45 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, SAID LANDS SITUATE, LYING AND BEING IN BROWARD COUNTY, FLORIDA.

ALSO KNOWN AS:

PARCELS A AND L-1, GROVE PARC PLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 178, PAGE 149 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.



**Sun-Tech Engineering, Inc.**

Engineers - Planners - Surveyors

1600 West Oakland Park Boulevard  
 Ft. Lauderdale, FL 33311  
 www.suntecheng.com

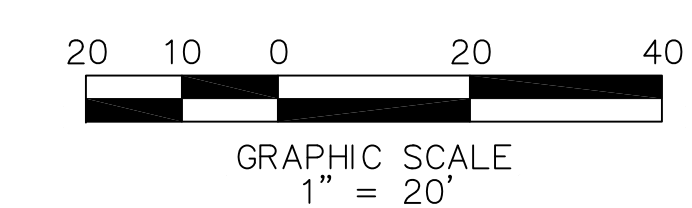
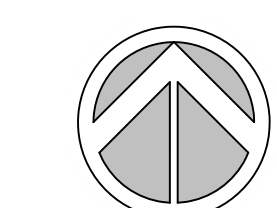
Certificate of Auth. # 7097  
 Phone (954)777-3123  
 Fax (954)777-3114

DRAWINGS MAY BE OUT OF SCALE DUE TO XEROX REPRODUCTION ERROR.



PROJECT NO. 12-3466  
 DESIGN DATE: APRIL 2012





**"COMMUNICATIONS NOTES"**  
THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNALS AND RELATED EQUIPMENT IS BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (BCTED). ALL SYSTEM COMMUNICATIONS EQUIPMENT, CABLING AND RELATED MATERIAL SHALL COMPLY WITH BROWARD COUNTY'S LATEST EDITION OF THE MINIMUM STANDARDS AS EXPRESSED IN THE "STANDARDS AND SPECIFICATIONS - COMMUNICATION INFRASTRUCTURE" DOCUMENT. PLEASE REFER TO (BCTED'S) COMMUNICATIONS POLICIES AND PROCEDURES FOR ADDITIONAL INFORMATION. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION WILL NOT ACCEPT ANY PROJECTS THAT DO NOT MEET THESE STANDARDS AND SPECIFICATIONS. IF FIBER OPTIC PULL BOXES ALREADY EXIST AT AN INTERSECTION, NO ADDITIONAL FIBER OPTIC PULL BOXES WILL NEED TO BE INSTALLED. FOR A COPY OF THESE STANDARDS REFER TO THE BROWARD COUNTY WEB SITE AT WWW.BROWARD.ORG/TRAFFIC UNDER PUBLICATIONS.

IF THERE IS COPPER INTERCONNECT CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT BRET HENDERSON, TRAFFIC SIGNAL SUPERVISOR AT BHENDERSON@BROWARD.ORG OR 954-847-2702.

IF THERE ARE FIBER OPTIC CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT ROBERT BLOUNT COMMUNICATIONS MANAGER AT RBLOUNT@BROWARD.ORG OR 954-357-8242.

ALL BCTED COMMUNICATIONS CABLES/CONDUIT SHALL BE LOCATED A MINIMUM OF 48 HOURS IN ADVANCE.

BROWARD COUNTY TRAFFIC ENGINEERING DIVISION  
PROCEDURE FOR NOTIFICATION OF COMMUNICATION DISRUPTION

COPPER INTERCONNECT CABLE NOTIFICATION CONTACT PERSON WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO THE BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC MAIL (EMAIL) TO THE TRAFFIC SIGNAL SUPERVISOR AT TECOMMUNICATIONS@BROWARD.ORG. NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST FOR NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING AT 9:00AM AND ENDING AT 3:00PM.

FIBER OPTIC CABLE NOTIFICATION CONTACT PERSON WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO THE BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC MAIL (EMAIL) TO THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG. NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST FOR NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING AT 9:00AM AND ENDING AT 3:00PM.

- NOTES:**
1. ALL PAVEMENT MARKINGS ADJACENT TO AND IN THE PUBLIC RIGHT OF WAY SHALL BE REFLECTIVE THERMOPLASTIC.
  2. ALL STOP SIGNS SHALL BE 30"x30" HIGH INTENSITY REFLECTIVE MATERIAL.
  3. PAVEMENT MARKINGS ON PAVERS SHALL BE 5730/5731 TAPE 3M OR EQUAL APPLIED WITH CONTACT CEMENT OR THERMOPLASTIC APPLIED TO A CONCRETE RIBBON SEALED WITH FDOT APPROVED SEALER
  4. RAISED PAVEMENT MARKERS SHALL BE CLASS B-911 OR EQUAL.
  5. RAISED PAVEMENT MARKERS SHALL BE APPLIED WITH EPOXY OR BITUMINOUS
  6. FOR THE LOCATION OF BROWARD COUNTY TRAFFIC ENGINEERING DIVISION FACILITIES CONTACT JEROME PONDER 954-484-0600 (ext. 264) 7-10 DAYS PRIOR TO CONSTRUCTION
  7. ALL MATERIALS AND CONSTRUCTION WITHIN THE D.O.T. R/W SHALL CONFORM TO THE ROADWAY AND TRAFFIC DESIGN STANDARDS (LATEST EDITION) AND THE SUPPLEMENTS THERE TO.
  8. THE CONTRACTOR MUST CALL B.C.T.E.D. AT 954-484-9600 AT LEAST 48 HOURS BEFORE ANY EXCAVATION WITHIN THE D.O.T. R/W TO DETERMINE THE LOCATION OF THE EXISTING TRAFFIC SIGNAL INTERCONNECT CABLE.
  9. AT THE END OF EACH WORK PERIOD, ANY DROP-OFF IN THE AREA ADJACENT TO THE TRAVEL WAY OF THE STATE ROAD SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD INDEX 600 OR SHALL BE OTHERWISE PROTECTED WITH TEMPORARY BARRIER WALL AT THE CONTRACTOR'S EXPENSE.
  10. THE CONSULTANT'S ENGINEER RESPONSIBLE FOR CONSTRUCTION INSPECTION SHALL INSURE THAT THE M.O.T. FOR THE PROJECT CONFORMS WITH STANDARD INDEX SERIES 600, APPLICABLE INDEX FOR WORK BEING PERFORMED.
  11. ALL M.O.T. LANE CLOSURE SIGNS SHALL BE COVERED WHEN LANES ARE NOT CLOSED. NO LANES CLOSURES ARE ALLOWED BETWEEN 7:00 AM AND 9:00 AM OR BETWEEN 4:00 PM AND 6:00 PM.
  12. IF THE PERMITTED WORK IS ON A ROADWAY THAT HAS BEEN SELECTED AS A HURRICANE OR DISASTER EVACUATION ROUTE, THE APPLICANT, AT THE PRE-CONSTRUCTION CONFERENCE IS REQUIRED TO PRESENT, AS PART OF THE PLAN, AN EMERGENCY FUNCTIONAL RESTORATION PLAN TO ADDRESS EVENTUALITIES SUCH AS HURRICANES.

THE CONTRACTOR MUST CALL THE APPROPRIATE COUNTY TRAFFIC ENGINEERING DIVISION, HAVING JURISDICTION OVER THE PROJECT AT LEAST 48 HOURS, BEFORE ANY EXCAVATION WITHIN THE FDOT RIGHT-OF-WAY TO DETERMINE THE LOCATION OF THE EXISTING TRAFFIC SIGNAL INTERCONNECT CABLE.

13. 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.

14. BEFORE PERMIT APPROVAL AND CONSTRUCTION OF THIS PROJECT, THE APPLICANT MUST CONTACT THE FLORIDA DEPARTMENT OF TRANSPORTATION LOCAL MAINTENANCE OFFICE DISTRICT 6 TO SCHEDULE A PRE-CONSTRUCTION MEETING.

15. THE APPLICANT AT THE EARLIEST CONVENIENT TIME SHALL NOTIFY IN WRITING ALL RIGHT-OF-WAY USERS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. ALL MOT LANE CLOSURE SIGNS SHALL BE COVERED WHEN LANES ARE NOT CLOSED. NO LANES ARE TO BE CLOSED EXCEPT AT TIMES PRESCRIBED BY THE DEPARTMENT.

16. FLAGGERS MUST BE PRESENT DURING THE INGRESS AND EGRESS OF CONSTRUCTION VEHICLES TO AND FROM THE PROJECT SITE. WARNING SIGNS MUST BE ERECTED ADVISING MOTORIST OF TRUCKS ENTERING THE HIGHWAY.

17. THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE "MANUAL OF UNIFORM MINIMUM STANDARDS" FOR DESIGN CONSTRUCTION AND MAINTENANCE, FOR STREETS AND HIGHWAYS - STATE OF FLORIDA.

**NOTE:**  
1. ALL PROPOSED ELEVATIONS ARE IN N.A.V.D.(88)

**Sun-Tech Engineering, Inc.**  
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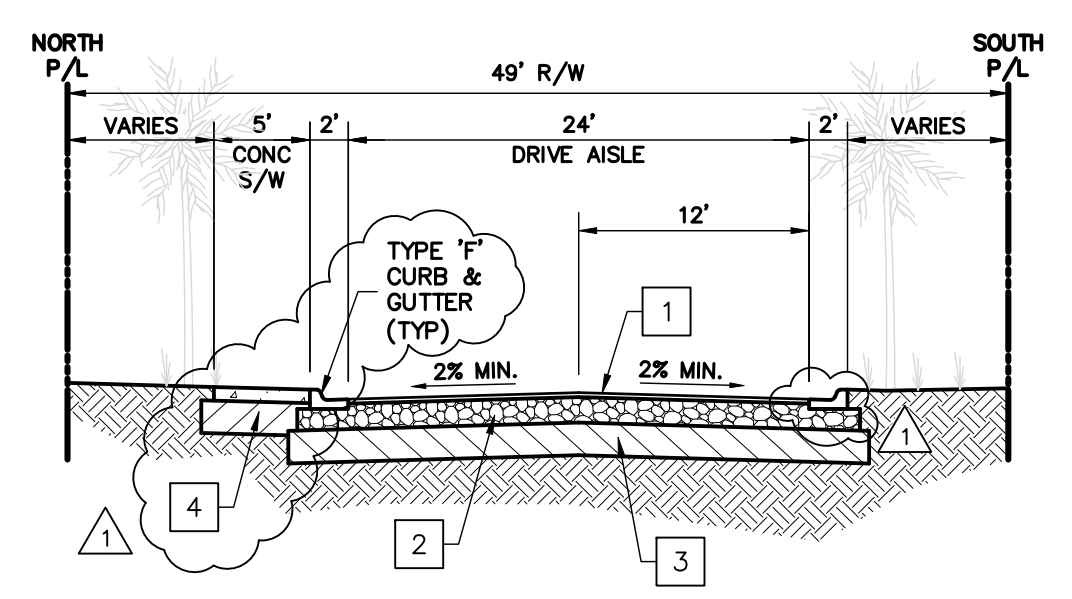
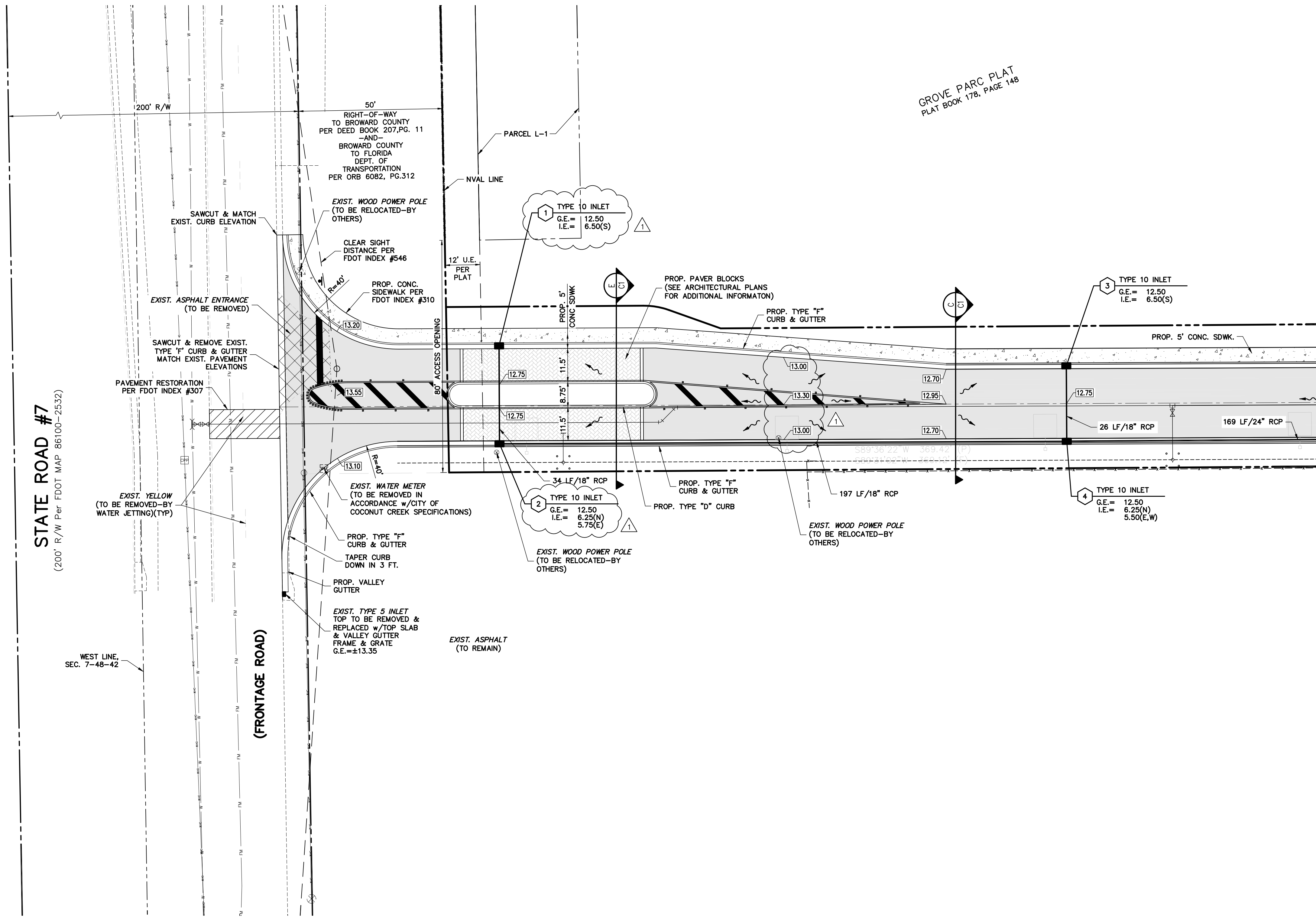
1600 West Oakland Park Boulevard  
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www.suntecheng.com

Certificate of Auth. # 7097  
Phone (954)777-3123  
Fax (954)777-3114

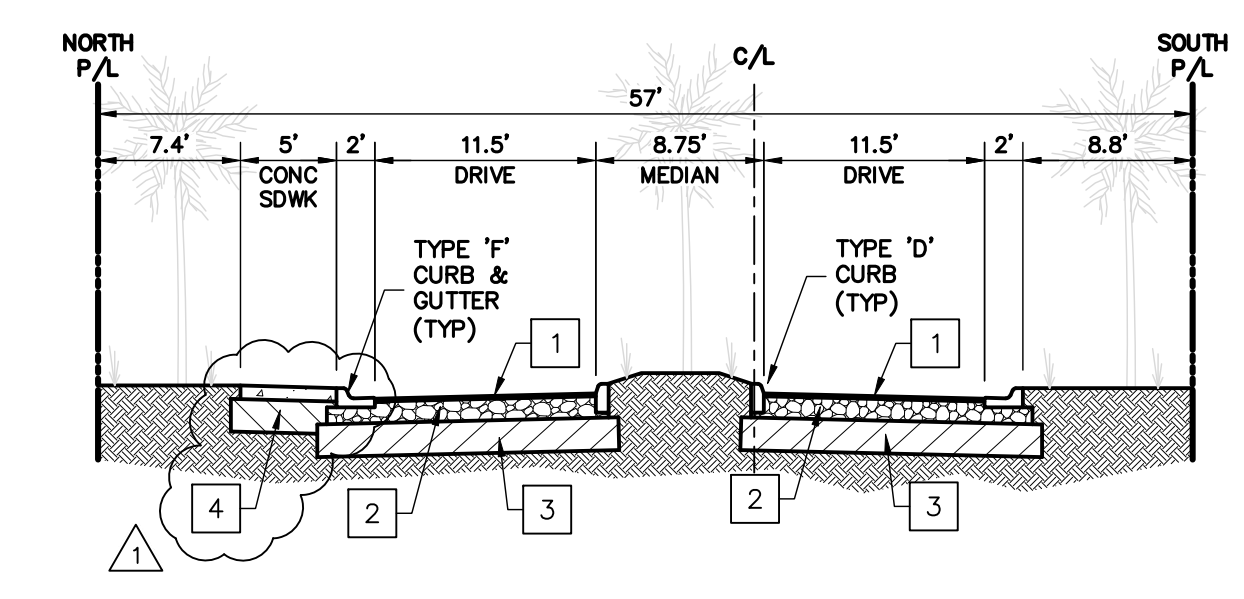
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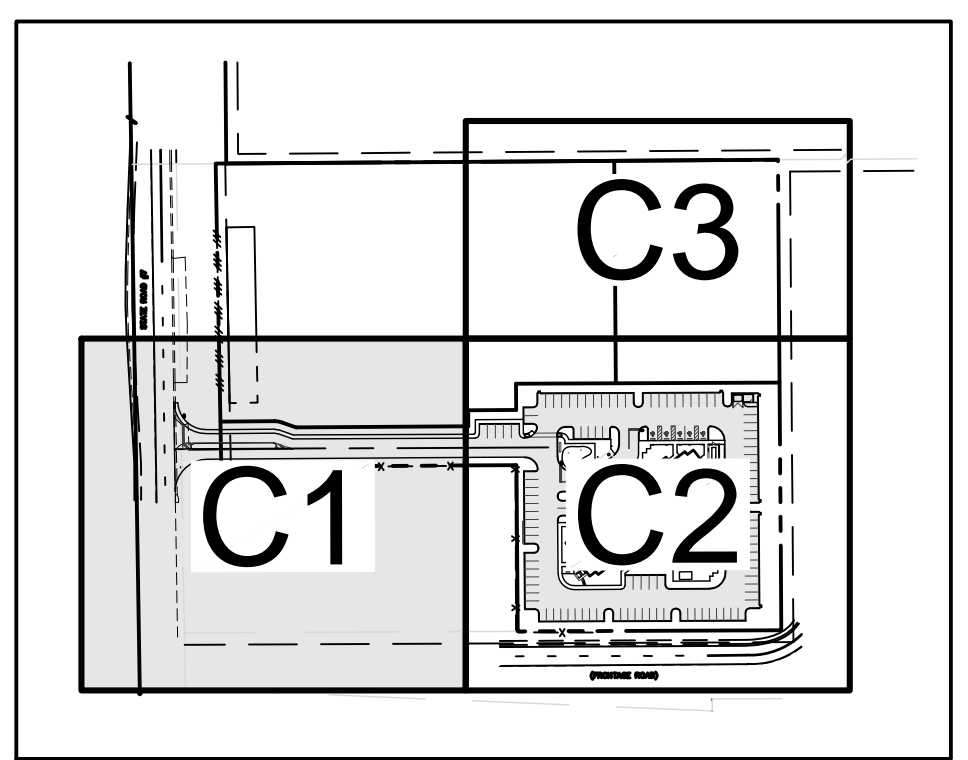
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SECTION C-C



SECTION E-E

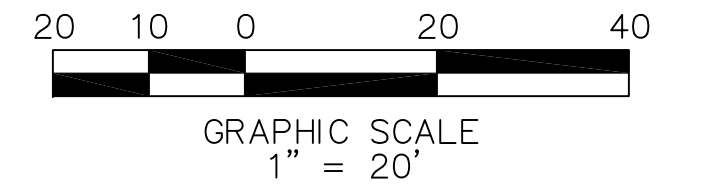
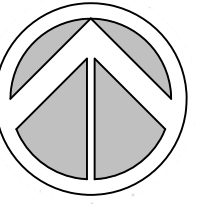


KEY MAP

- ON-SITE PAVEMENT NOTES.**
1. THE WEARING SURFACE SHALL BE 1 1/2" THICK DBL. COURSE S-III (2) 3/4" LIFTS. LIMEROCK TO BE PRIMED AND TACK COAT TO BE APPLIED BETWEEN FIRST AND SECOND LIFT OF ASPHALT.
  2. THE BASE COURSE SHALL BE LIMEROCK (MIN. OF 70% CARBONATES, LIQUID LIMIT=35, PLASTICITY 6), 8" THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY. MIN. LBR TO BE 100.
  3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE, SHALL HAVE A MINIMUM DRY DENSITY OF 115 PCF AND SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. SPECIFICATION T-180, METHOD "C", MINIMUM LBR TO BE 40.
  4. 12" COMPACTED SUBGRADE TO 98% PER AASHTO T-180 MIN. LBR 40.

MATCHLINE SEE SHEET C3 FOR CONTINUATION

DRY RETENTION AREA  
BOTTOM EL.=10.50' N.A.V.D.  
±1.08 ACRES



anderson  
architecture, inc.

399 CAMINO GARDENS BLVD  
SUITE 302  
BOCA RATON, FLORIDA 33432  
V. 561.362.0220  
F. 561.362.0224  
www.andersonarchitecture.com

Mar 08 2013  
CLIFFORD R. LOUTAN, P.E.  
FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
North State Road 7  
Coconut Creek, Florida

06/05/12  
02/13/13  
03/08/13

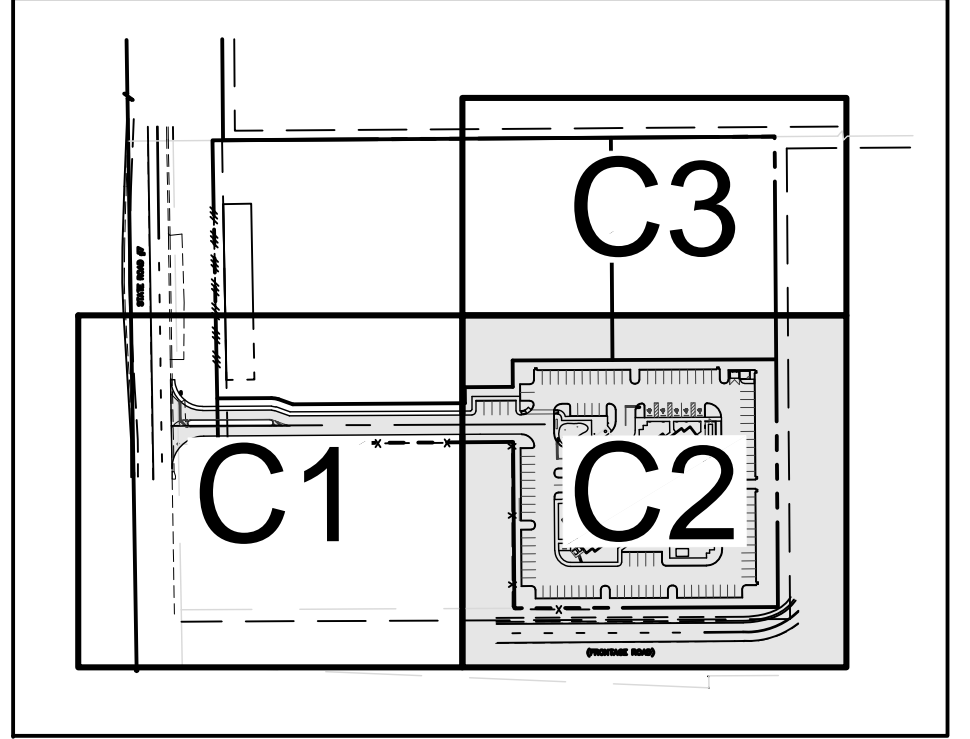
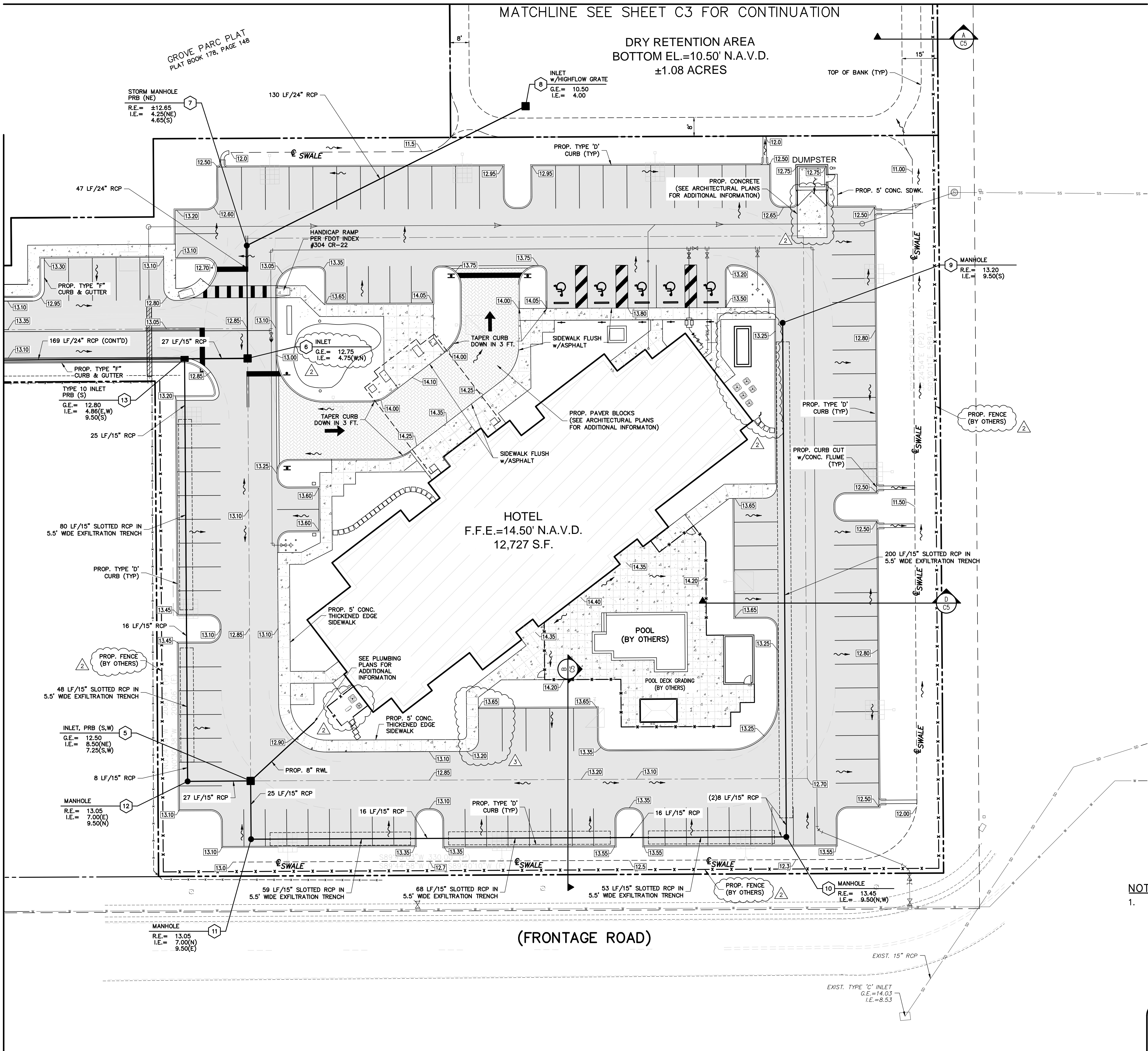
12-033  
3466d.dwg  
04-30-12

PAVEMENT  
& DRAINAGE  
PLAN

C2

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MATCHLINE SEE SHEET C2 FOR CONTINUATION



KEY MAP

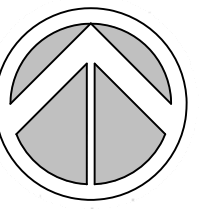
NOTE:  
1. ALL PROPOSED ELEVATIONS ARE IN N.A.V.D.(88)

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www.suntecheng.com

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architecture, inc.

399 CAMINO GARDENS BLVD.  
SUITE 302  
BOCA RATON, FLORIDA 33432  
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F. 561.362.0224  
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consultant:

date:

Mar 08 2013

CLIFFORD R. LOUTAN, P.E.  
FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**

North State Road 7  
Coconut Creek, Florida

revision:  
DRC REVISIONS  
DRC REVISIONS - ROUND 2

date:  
06/05/12  
02/13/13

revision:  
11-032

project:  
1600 West Oakland Park Boulevard

project manager:  
CH

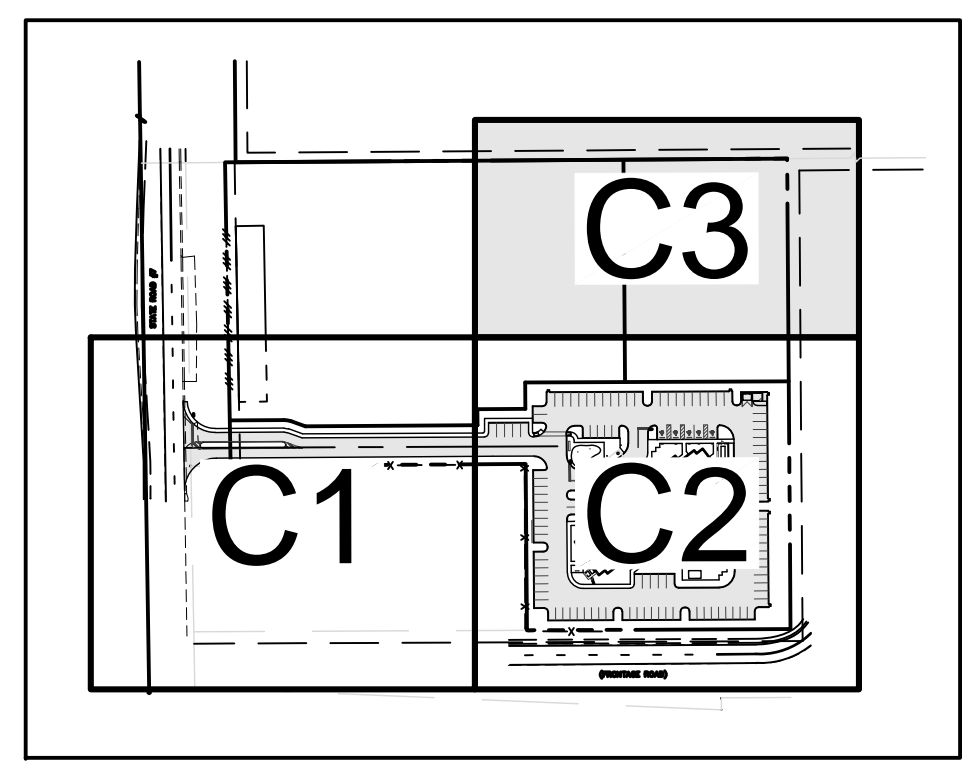
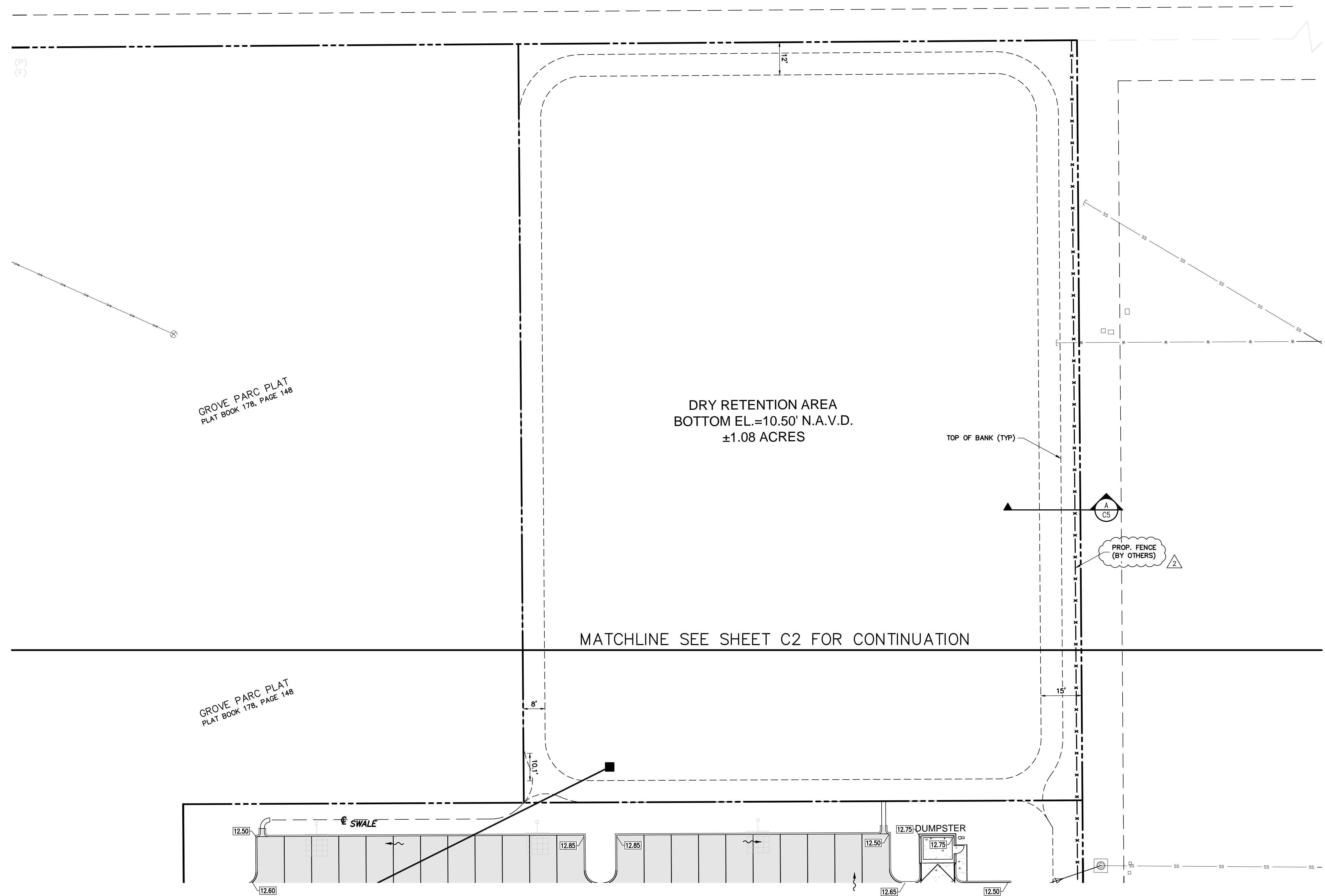
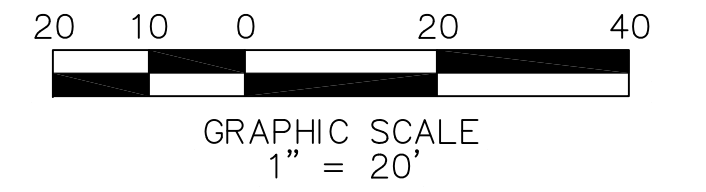
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title:  
PAVEMENT  
GRADING  
& DRAINAGE  
PLAN

C3

sheet:  
AA C001997



KEY MAP

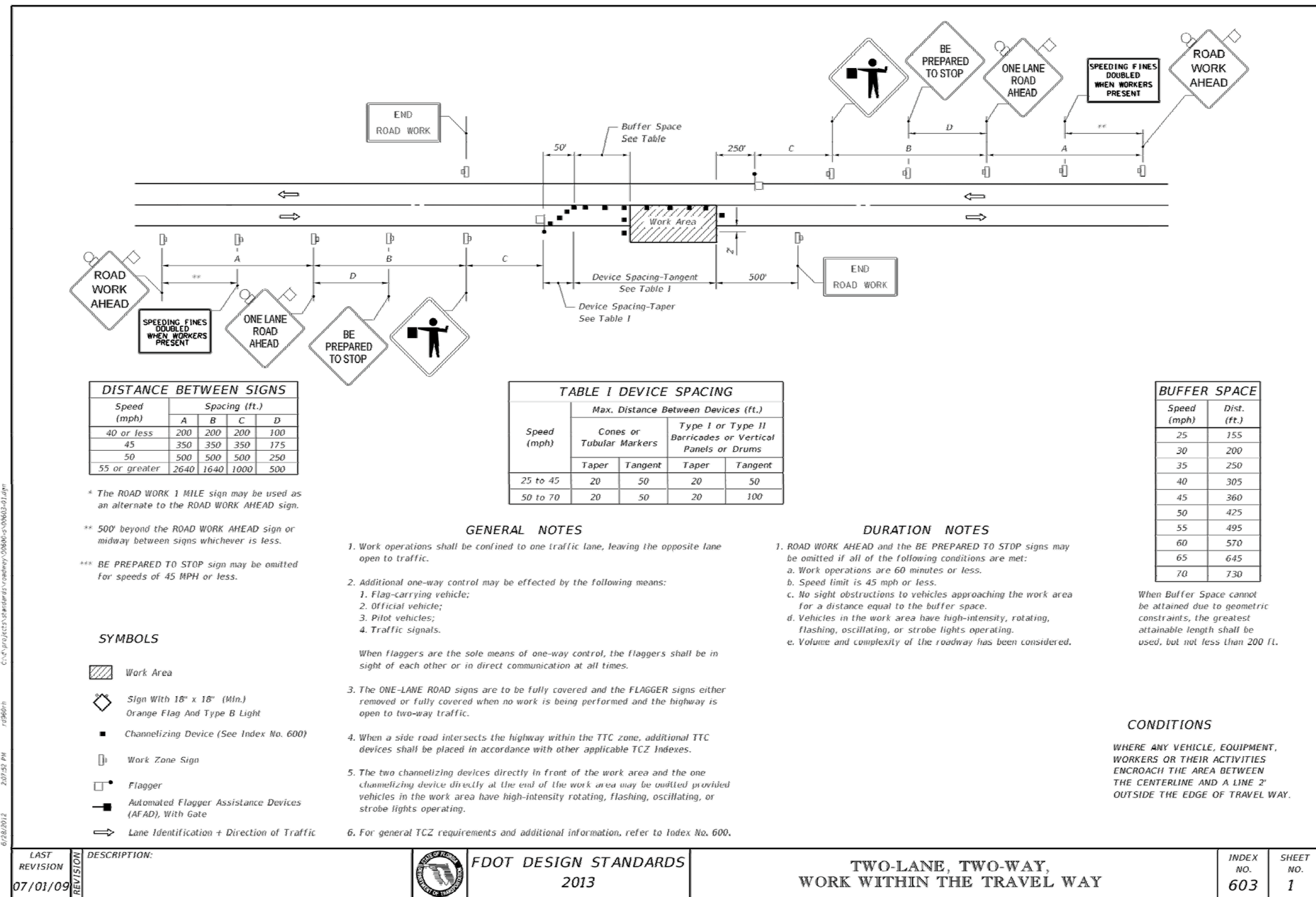
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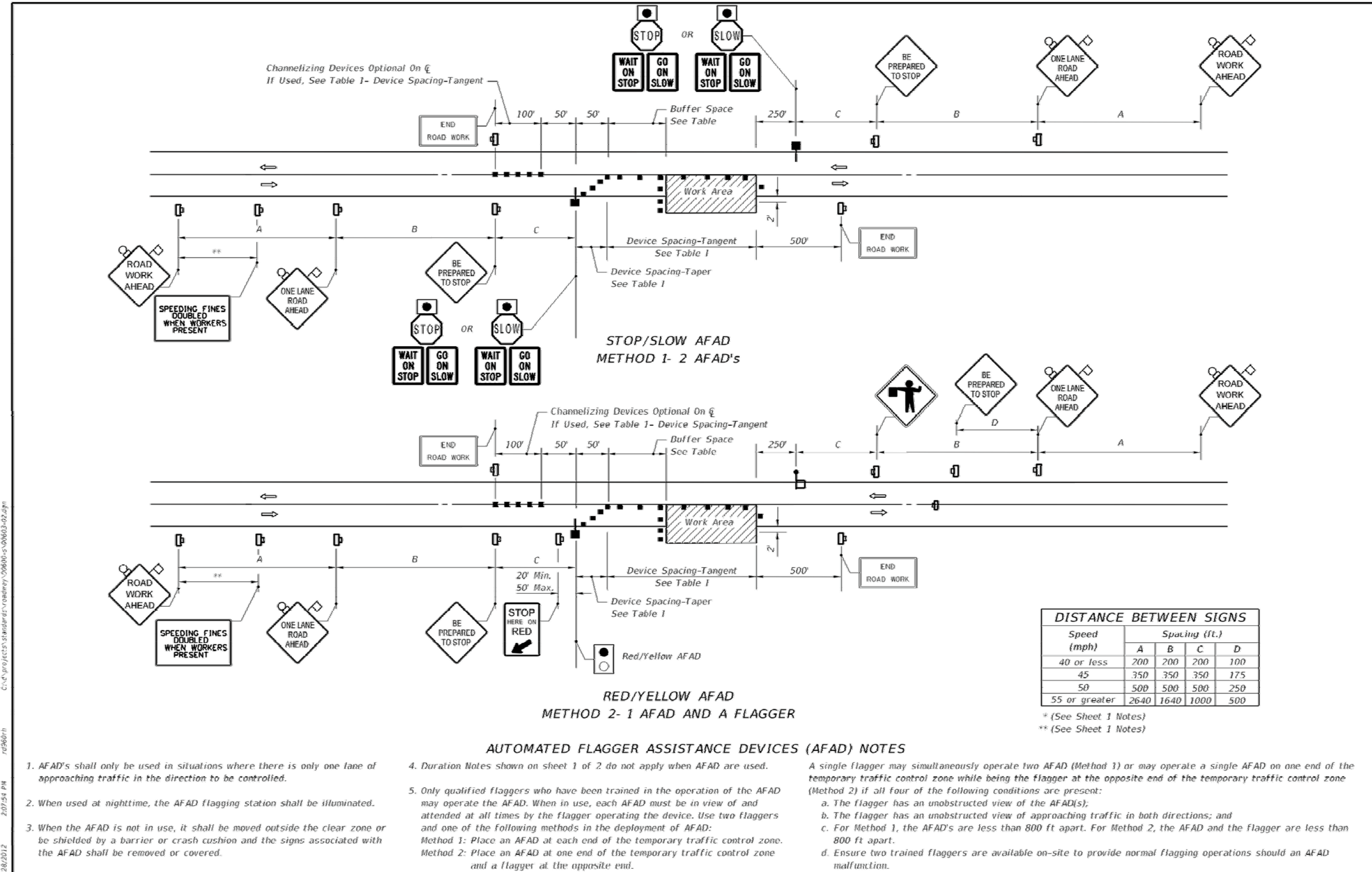
1600 West Oakland Park Boulevard  
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LAST REVISION	DESCRIPTION	FDOT DESIGN STANDARDS 2013	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO. 603	SHEET NO. 1
07/01/09					



LAST REVISION	DESCRIPTION	FDOT DESIGN STANDARDS 2013	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO. 603	SHEET NO. 2
07/01/10					

All materials and construction within the FDOT right-of-way shall conform to the FDOT Roadway and Traffic Design Standards (2010 Edition), Standard Specifications (2010 Edition) and the supplements thereto.

The applicant's engineer responsible for construction inspection shall insure that the maintenance of traffic plan (MOT) for the project is in accordance with the applicable FDOT index numbers (600 series) and these documents: The Manual on Uniform Traffic Control Devices for Streets and Highways (U. S. Department of Transportation, FHWA).

At the end of each work period, any drop-off in the area adjacent to the travel way of the State Road shall be backfilled in accordance with Standard Index 600 or shall be otherwise protected with temporary barrier wall at the contractor's expense.

If the permitted work is on a roadway that has been selected as a hurricane or disaster evacuation route, the applicant, at the pre-construction conference is required to present, as part of the work plan, an emergency functional restoration plan to address eventualities such as hurricanes.

The contractor must call the appropriate county traffic engineering division, having jurisdiction over the project for at least 48 hours, before any excavation within the FDOT right-of-way to determine the location of the existing traffic signal interconnect cable.

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.

Before permit approval and construction of this project, the applicant must contact the Florida Department of Transportation Local Maintenance Office to schedule a pre-construction meeting. The telephone number is 954-776-4300 or 1-800-300-8236.

The applicant at the earliest convenient time shall notify in writing all right-of-way users affected by the construction of this project.

All MOT lane closure signs shall be covered when lanes are not closed. No lanes are to be closed except at times prescribed by the Department.

Limerock base shall be a minimum of 12" and compacted in 6" lifts to 98% maximum density according to AASHTO-T180. 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-180. Material to have minimum L.B.R. of 40 and conform to section 160.

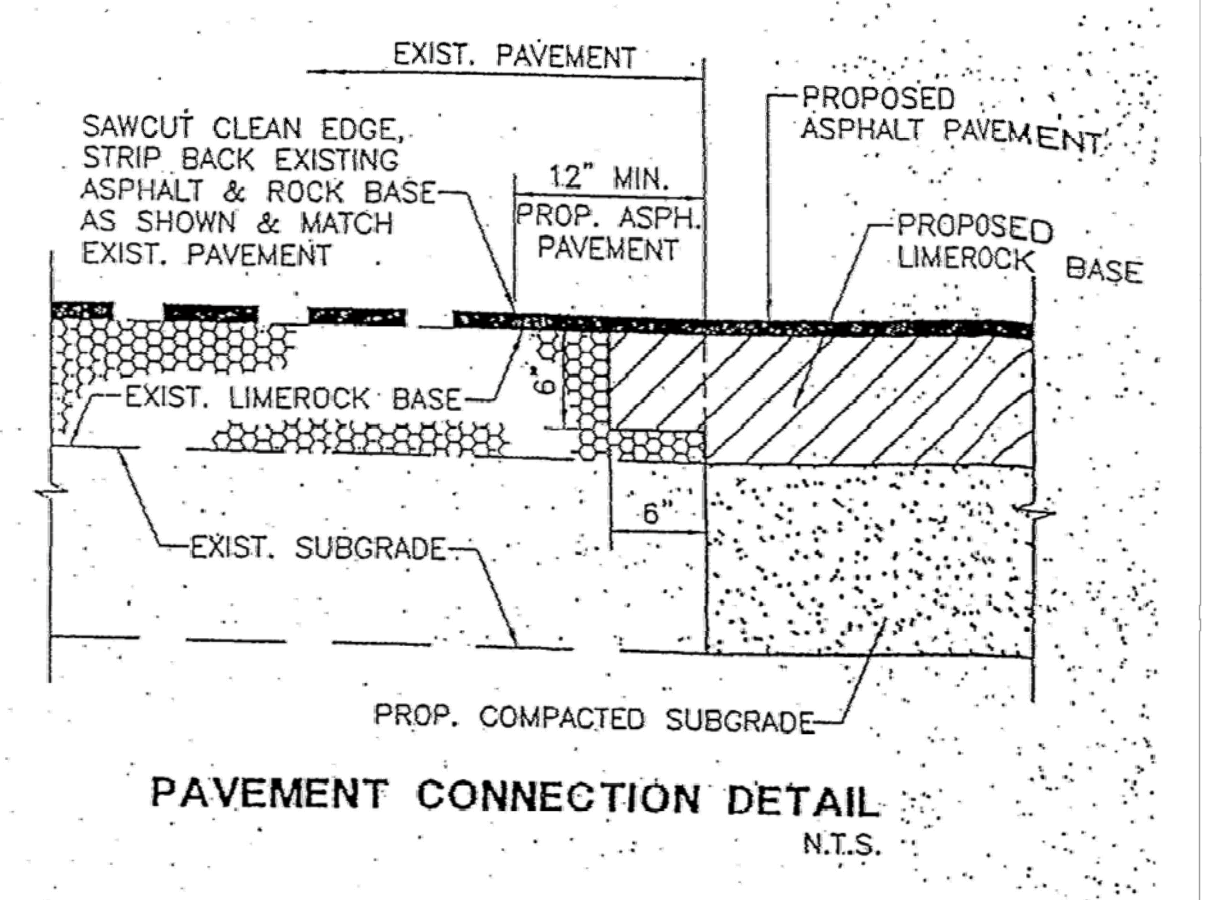
Remove all muck, overburden, and root material to the right-of-way line, and backfill to the required subgrade with clean, granular material in maximum 6" lifts compacted to 100% of maximum density in accordance with AASHTO T99-C specifications, and each lift tested before placing next lift.

Sodding shall be in accordance with section 575.

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.

FLAGGERS MUST BE PRESENT DURING THE INGRESS AND EGRESS OF CONSTRUCTION VEHICLES TO AND FROM THE PROJECT SITE. WARNING SIGNS MUST BE ERRECTED ADVISING MOTORIST OF TRUCKS ENTERING THE HIGHWAY.



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399 CAMINO GARDENS BLVD  
SUITE 302  
BOCA RATON, FLORIDA 33433  
V. 561.362.0220  
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Mar 08 2013  
CLIFFORD R. LOUTAN, P.E.  
FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
North State Road 7  
Coconut Creek, Florida

DATE	06/05/12
REVISION	DRC REVISIONS

PROJECT NO.	11-033
PROJECT NAME	PAVEMENT GRADING & DRAINAGE NOTES
PROJECT MANAGER	CH
FILE NAME	3466d.dwg
DATE	04-30-12

PAVEMENT GRADING & DRAINAGE NOTES

C4  
AA C001997

**SUN-TECH** Sun-Tech Engineering, Inc.  
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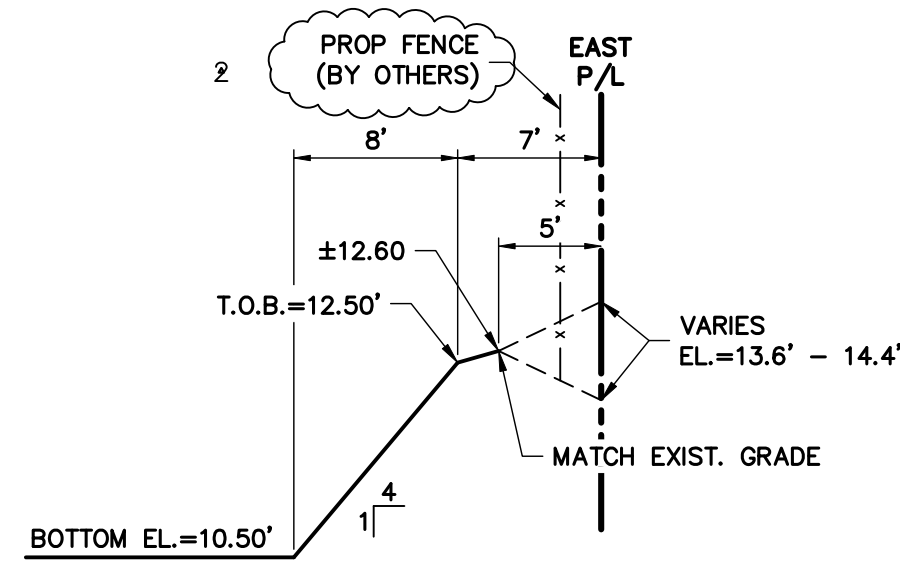
DATE	DESCRIPTION
06/05/12	DRC REVISIONS
02/07/13	REVISED PER SITE PLAN MODIFICATIONS

11-033
ANDERSON ARCHITECTURE, INC.
project manager: CH
file name: 3466ddt.dwg
04-30-12

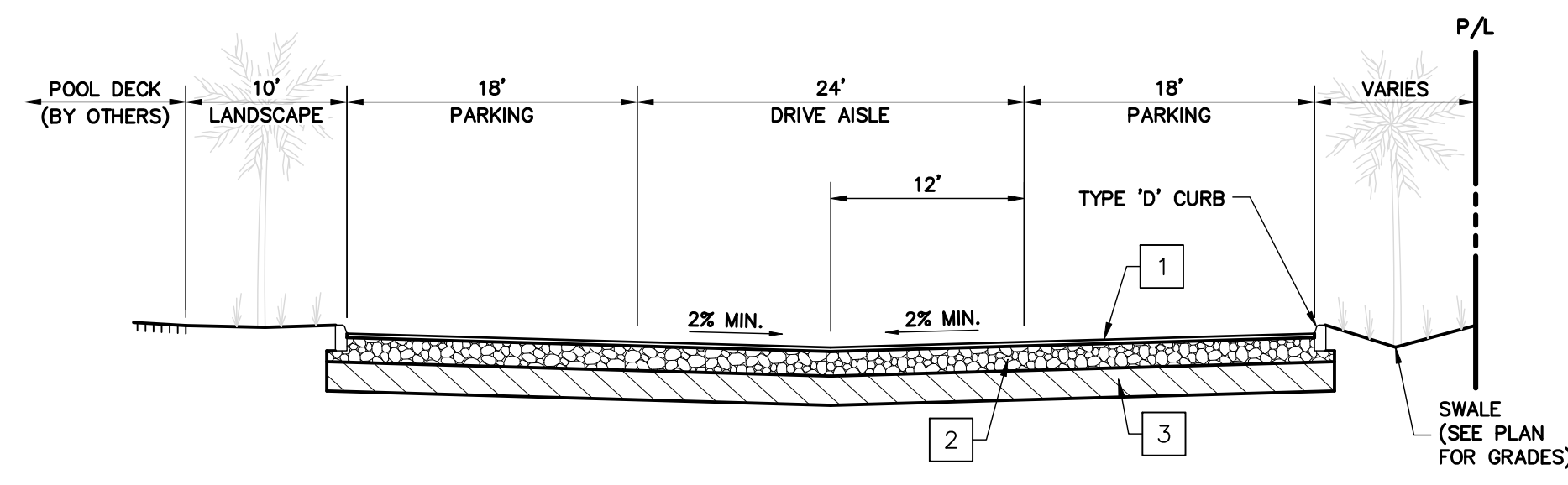
PAVEMENT  
GRADING  
& DRAINAGE  
DETAILS

C5

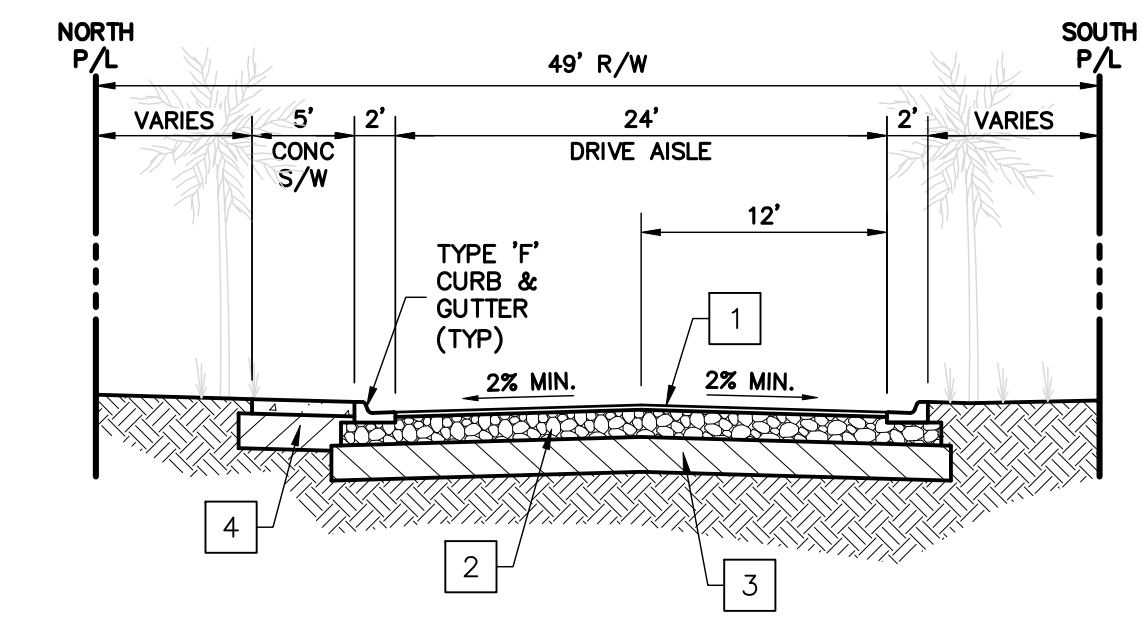
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SECTION A-A

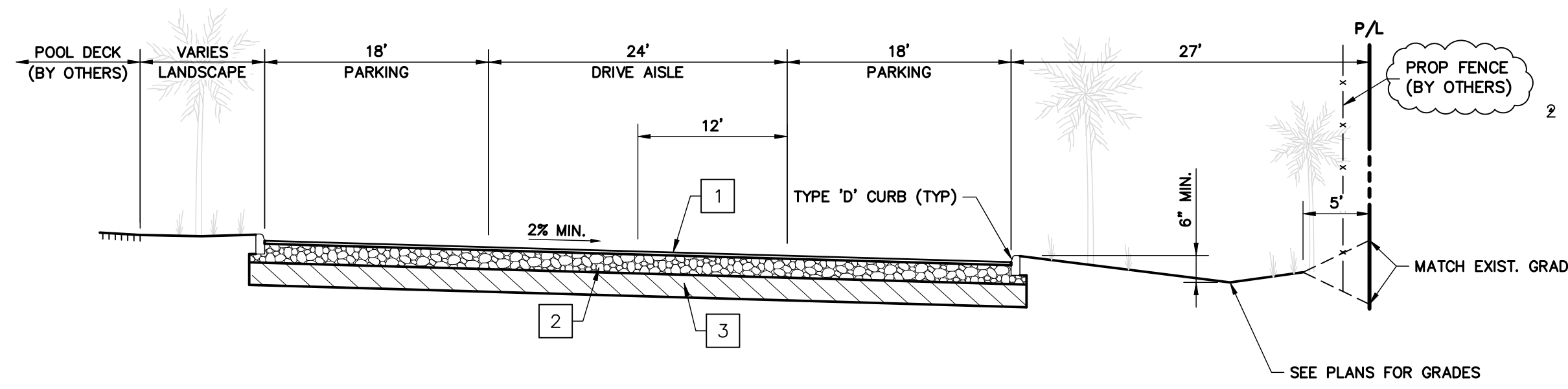


SECTION B-B

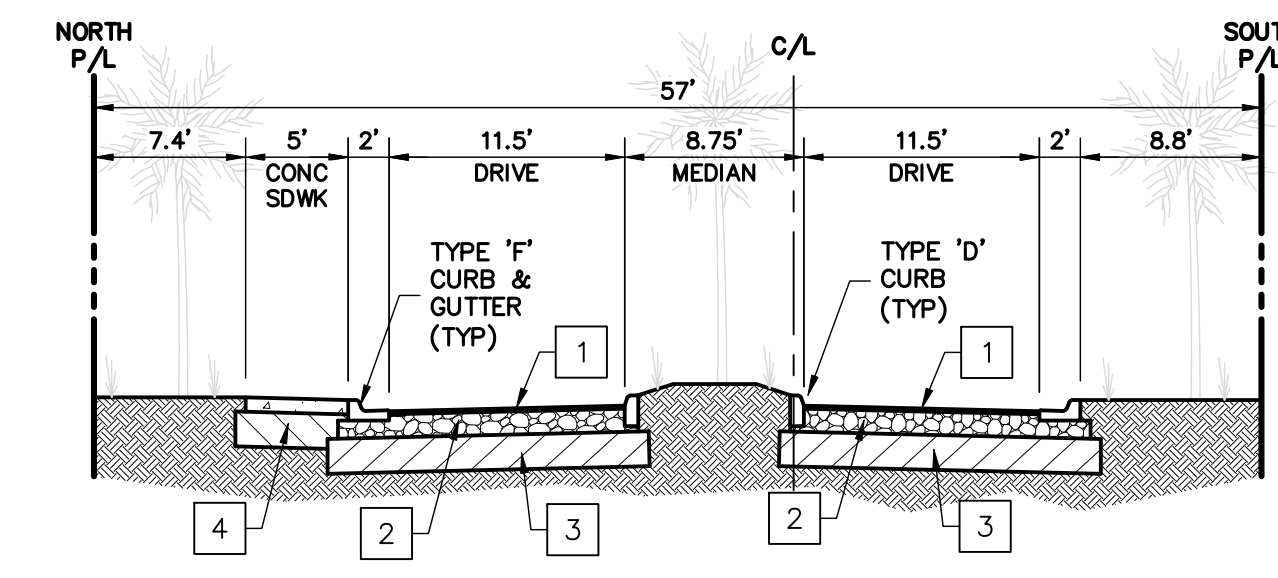


SECTION C-C

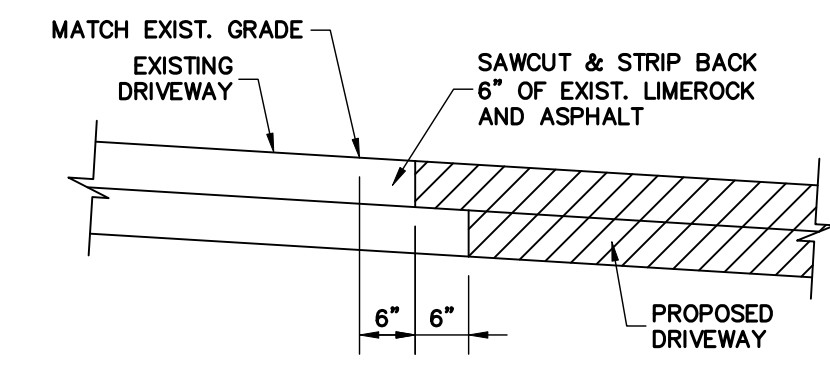
- ON-SITE PAVEMENT NOTES:**
1. THE WEARING SURFACE SHALL BE 1 1/2" THICK DBL. COURSE S-III (2) 3/4" LIFTS. LIMEROCK TO BE PRIMED AND TACK COAT TO BE APPLIED BETWEEN FIRST AND SECOND LIFT OF ASPHALT.
  2. THE BASE COURSE SHALL BE LIMEROCK (MIN. OF 70% CARBONATES, LIQUID LIMIT=35, PLASTICITY 6), 8" THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY. MIN. LBR TO BE 100.
  3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE. SHALL HAVE A MINIMUM DRY DENSITY OF 115 PCF AND SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. SPECIFICATION T-180, METHOD "C". MINIMUM LBR TO BE 40.
  4. 12" COMPACTED SUBGRADE TO 98% PER AASHTO T-180 MIN. LBR 40.



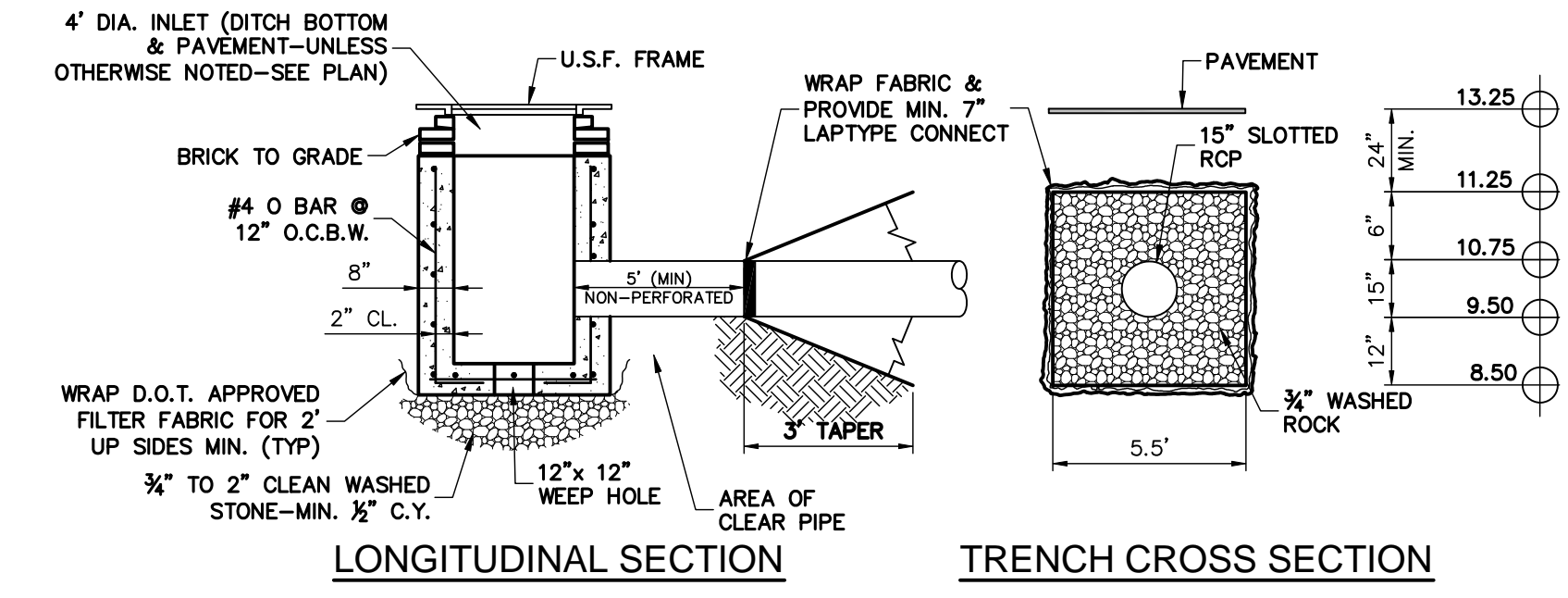
SECTION D-D



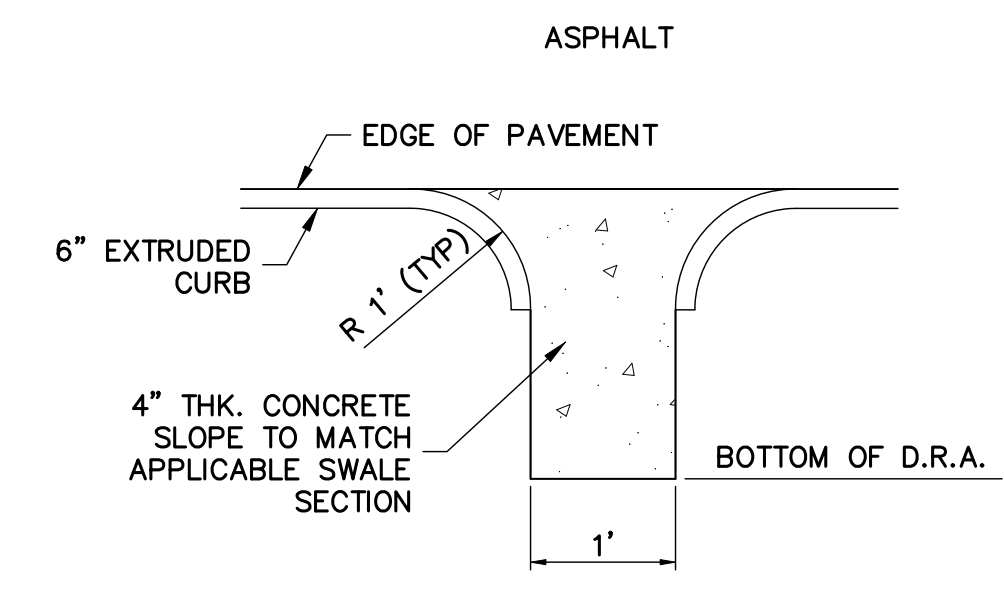
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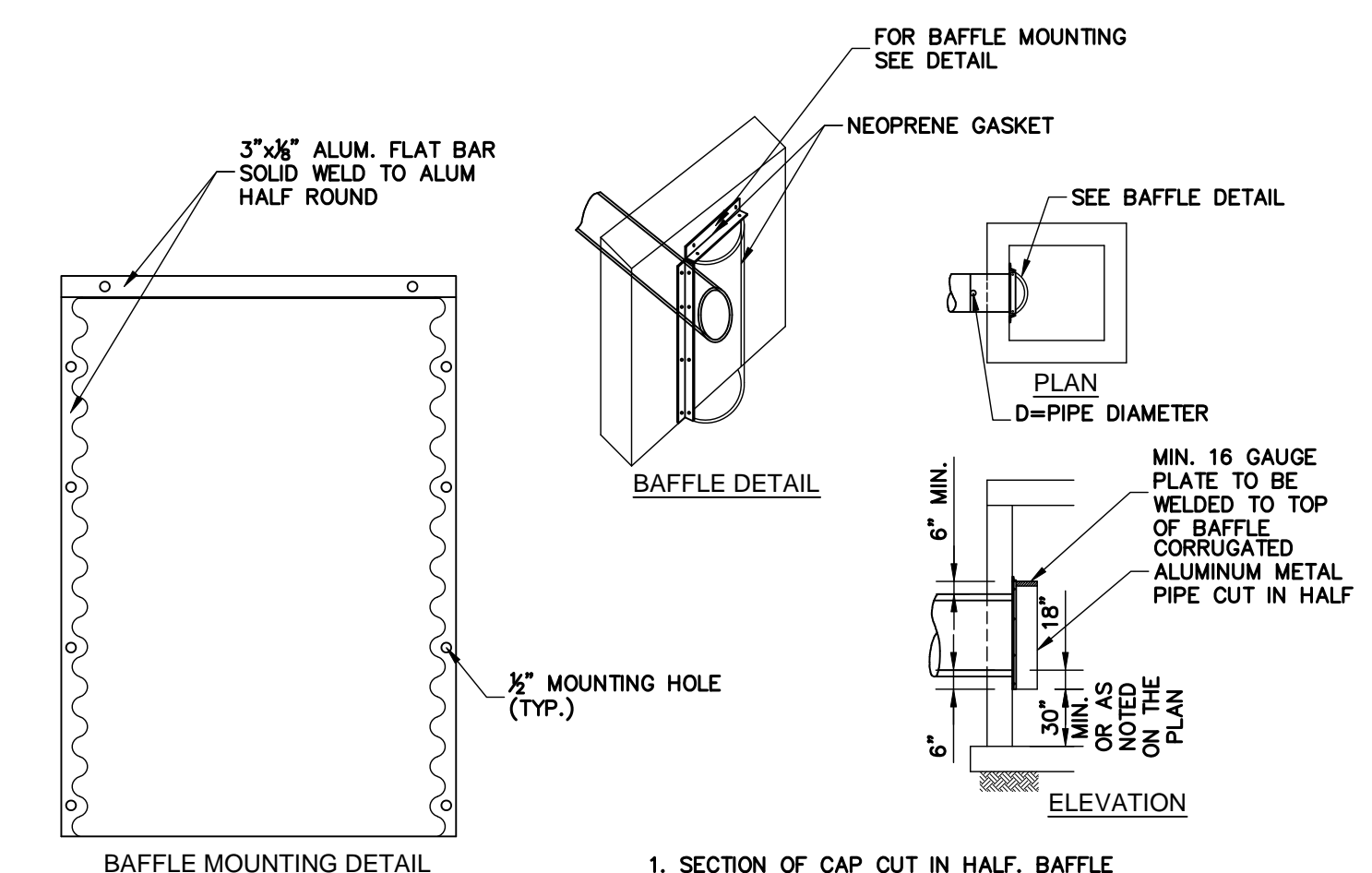
ASPHALT TIE-IN DETAIL



EXFILTRATION TRENCH DETAIL



CURB CUT W/CONC. FLUME DETAIL



POLLUTION RETARDANT BASIN

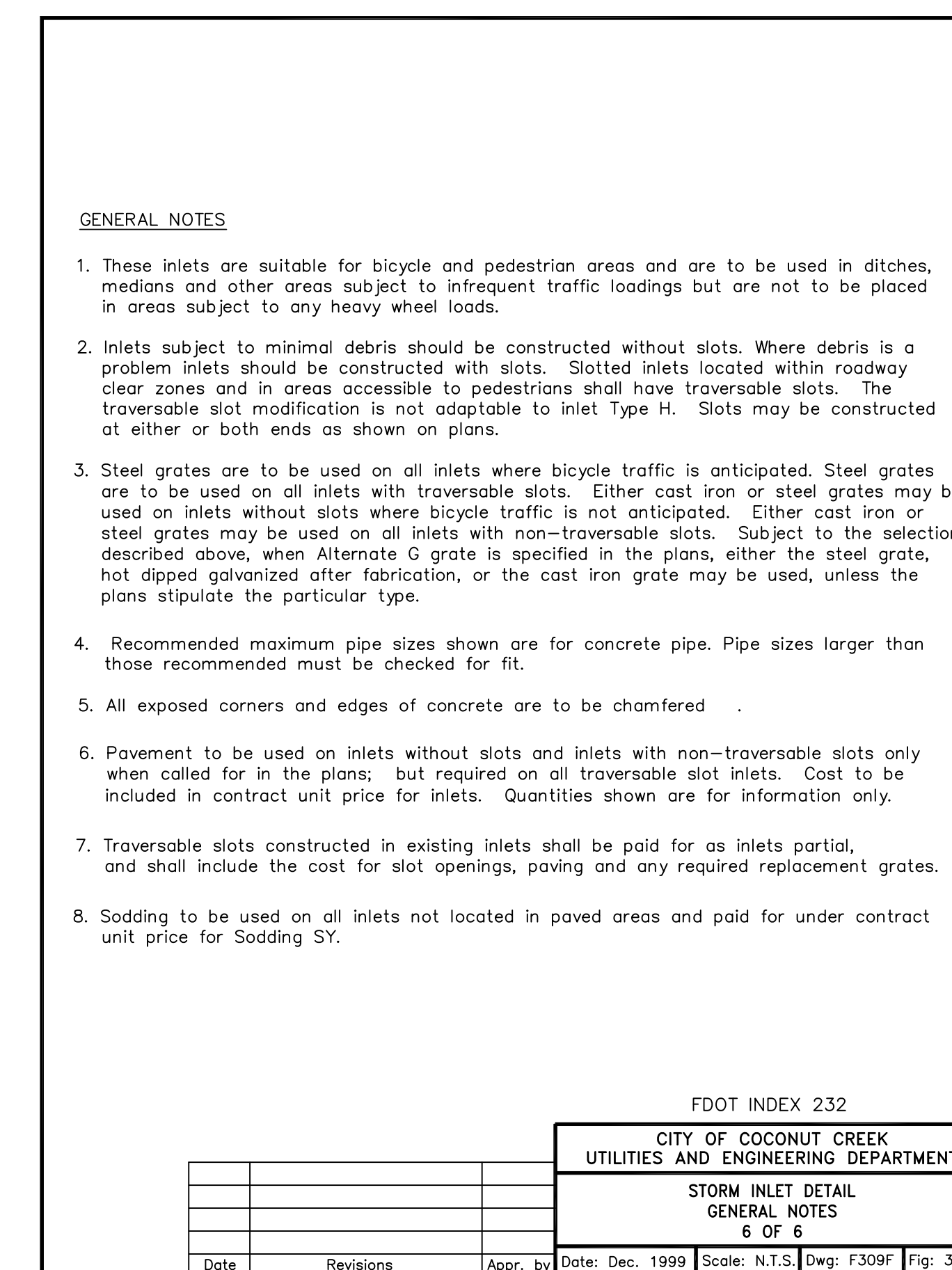
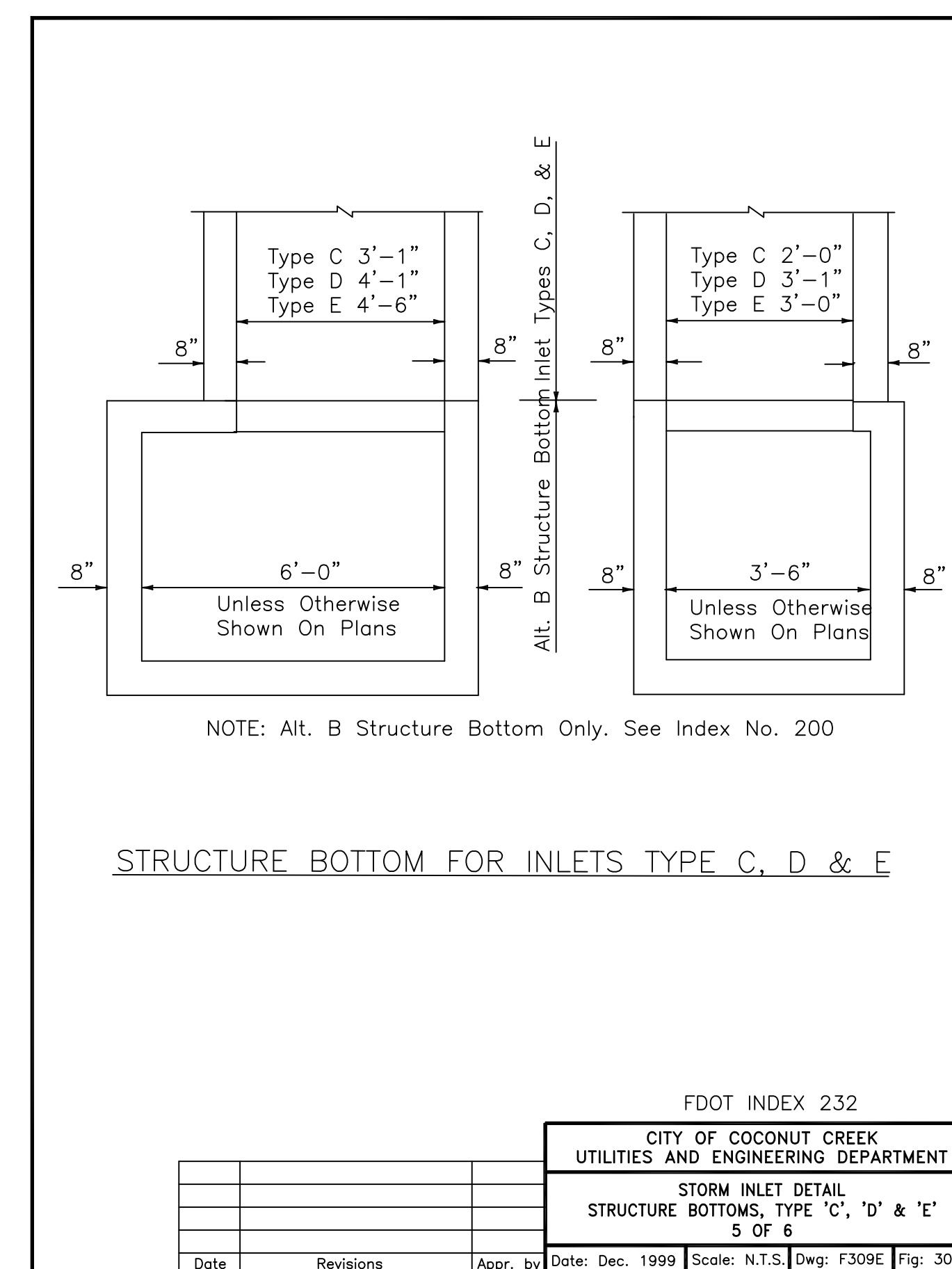
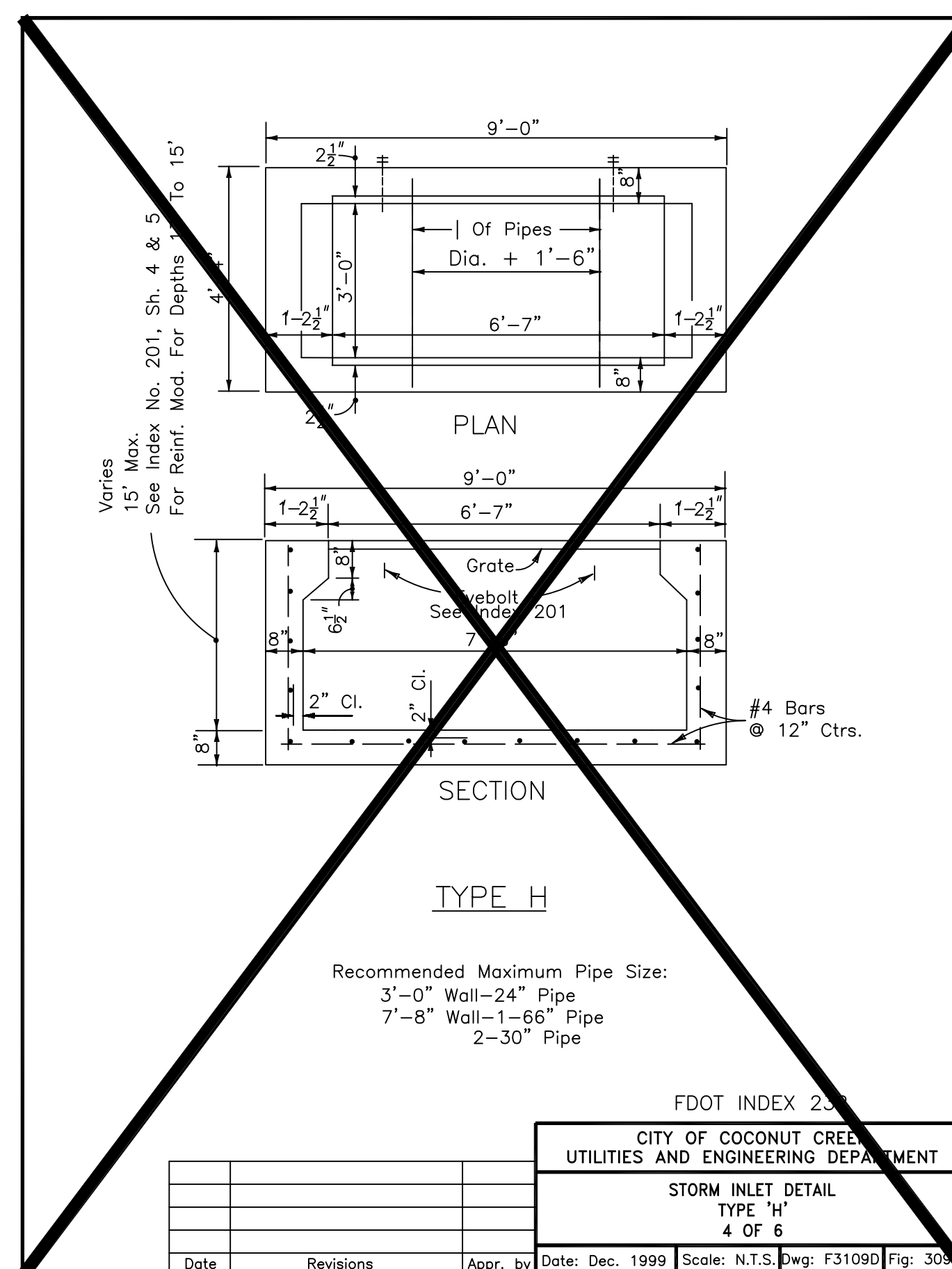
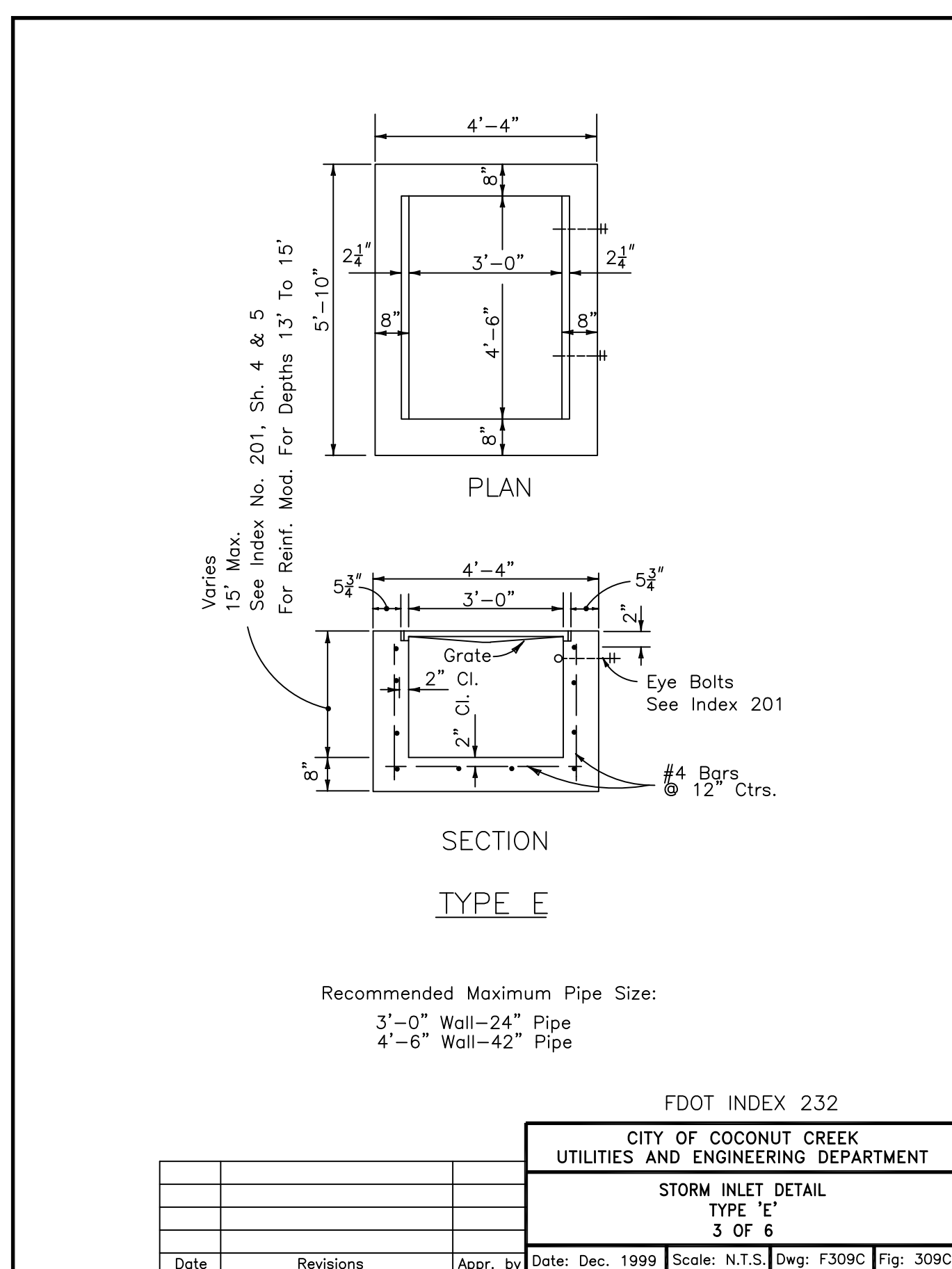
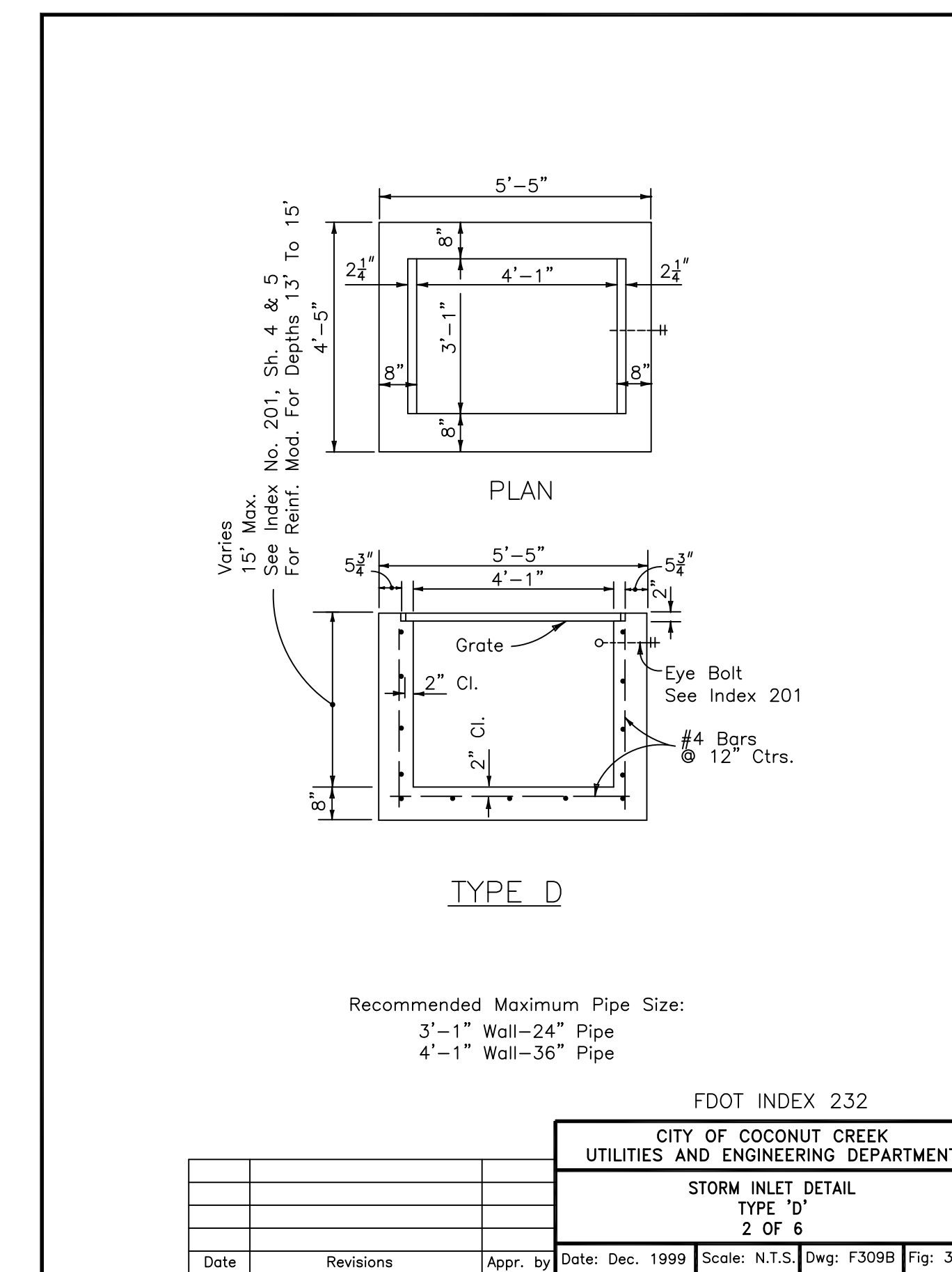
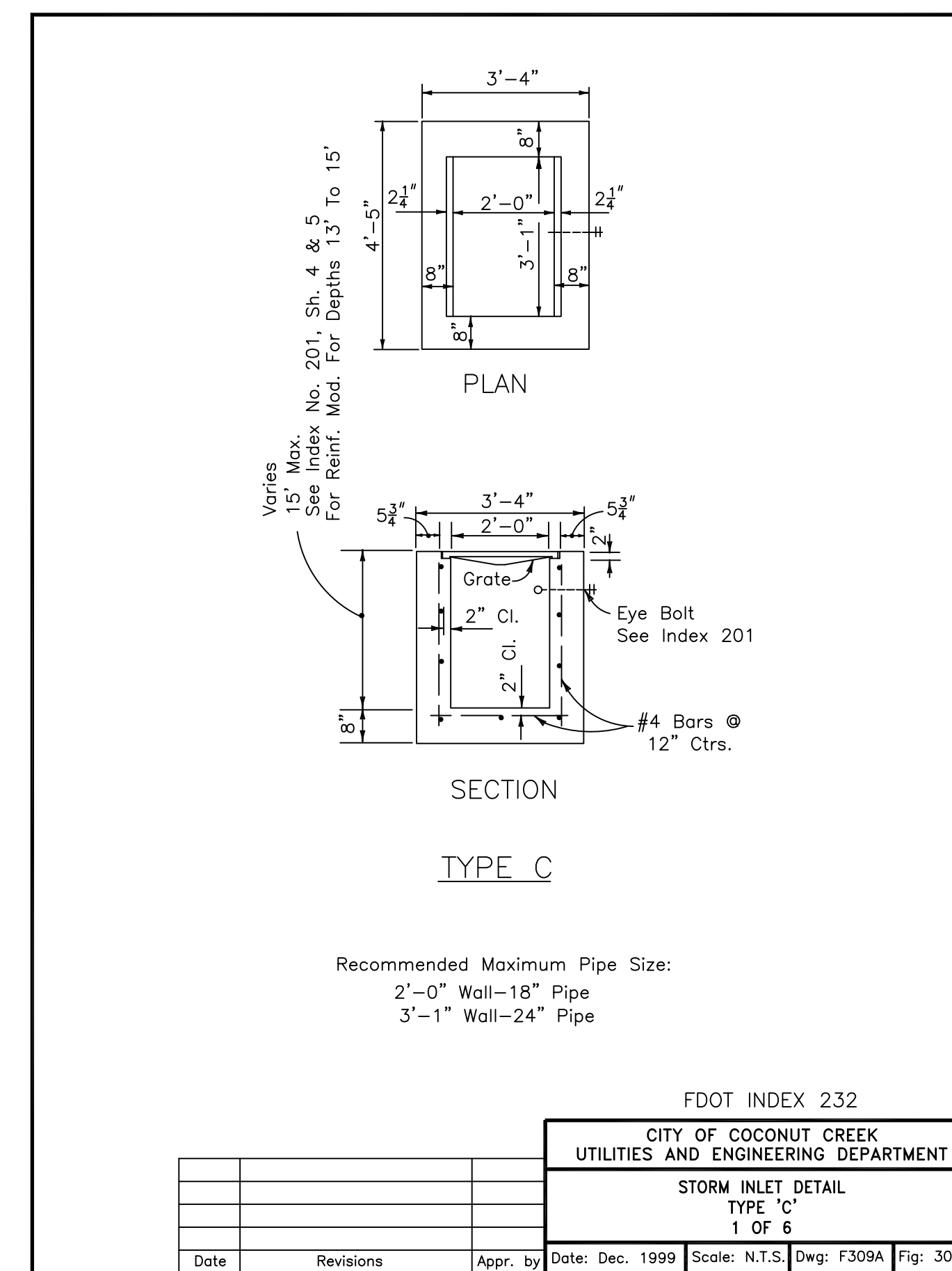
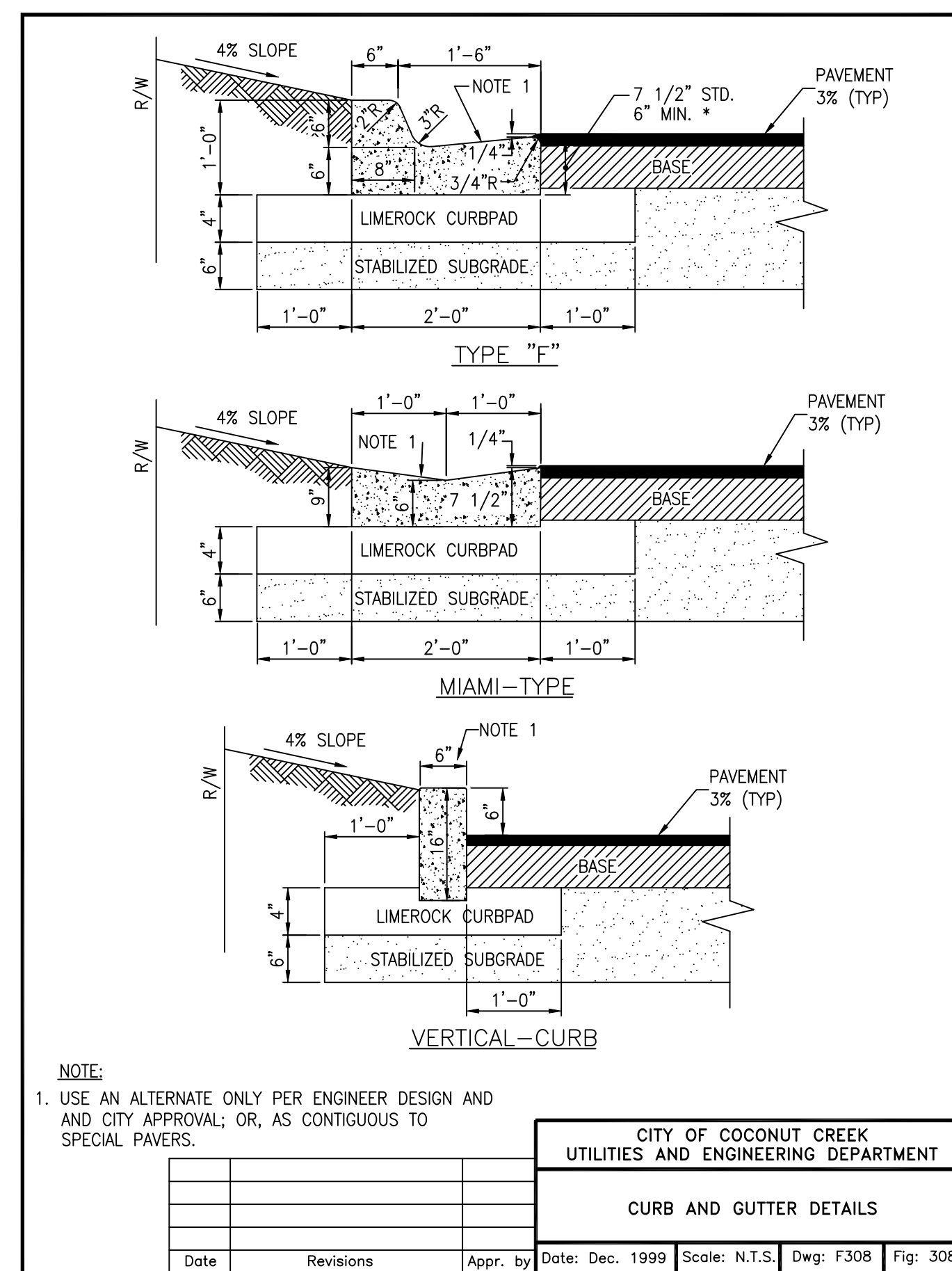
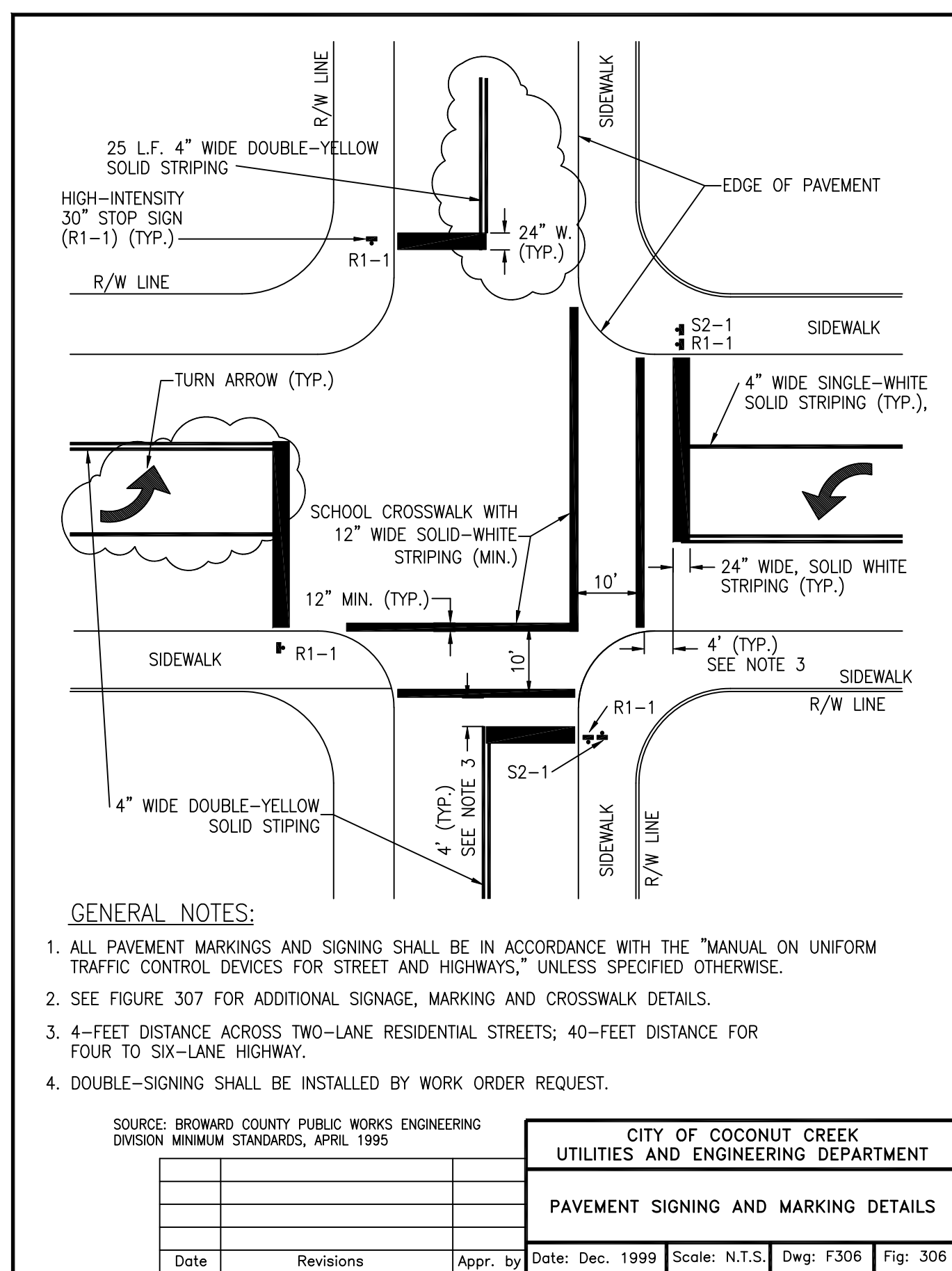
(ALL STRUCTURES SEE PLAN FOR BAFFLE LOCATION)

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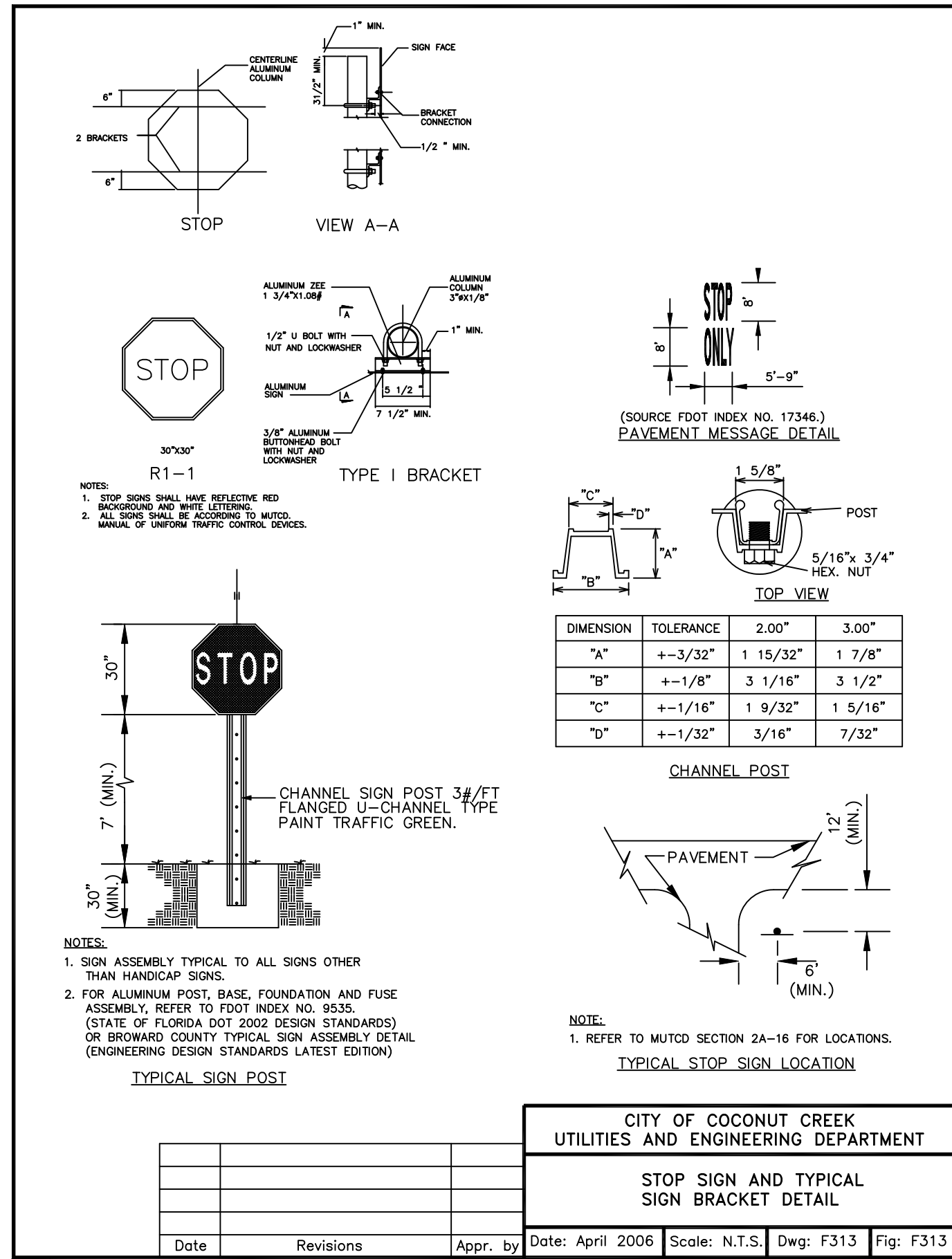
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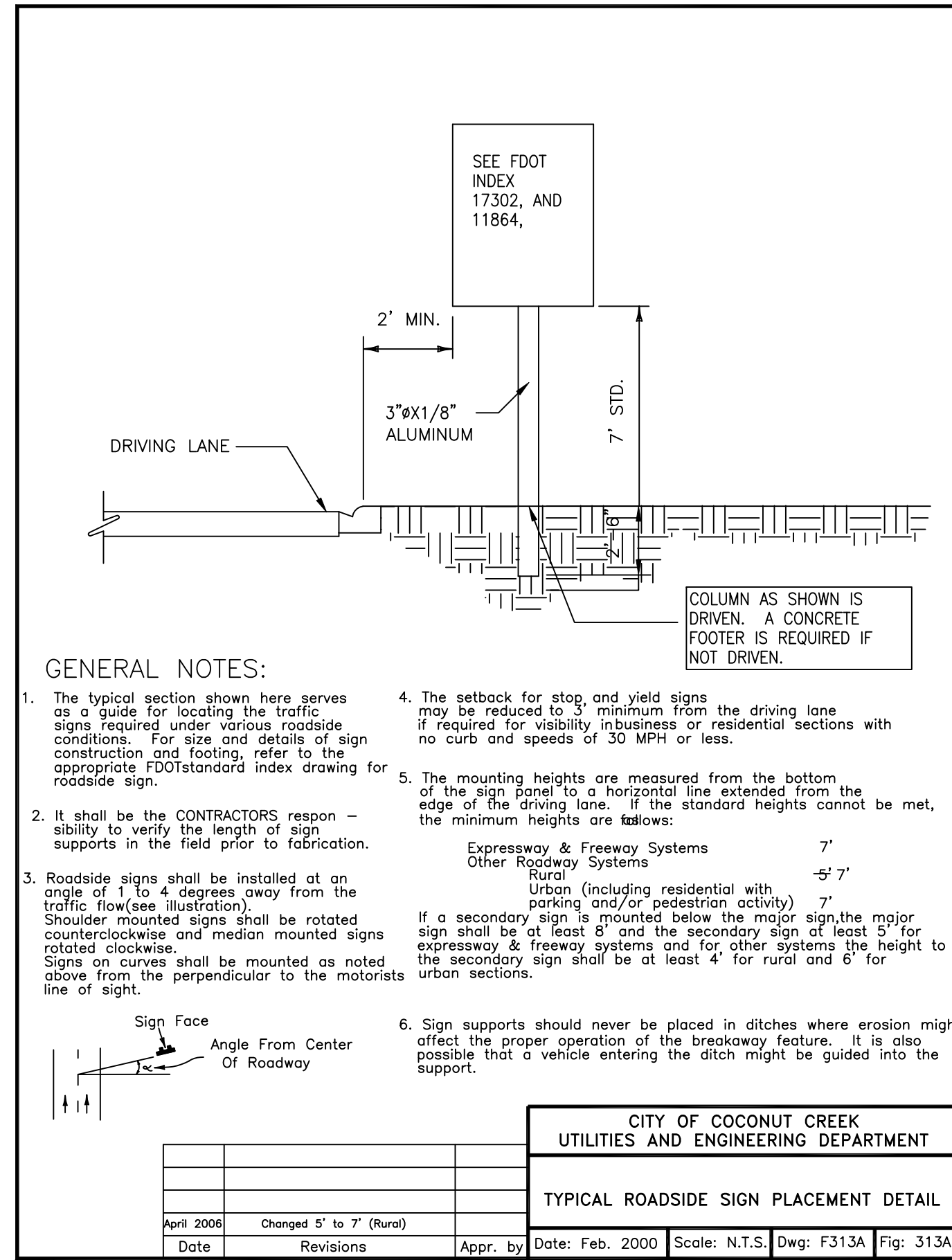
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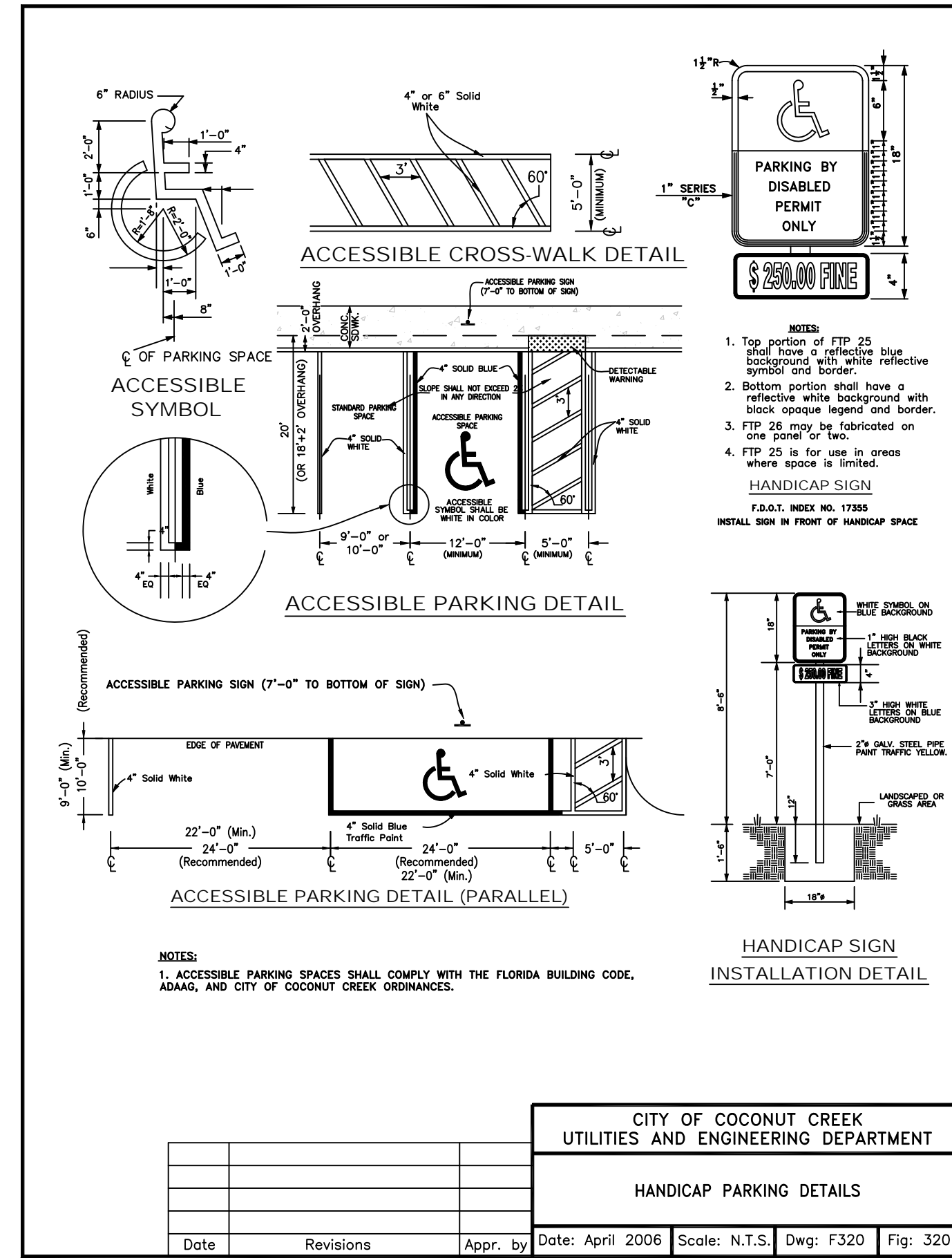




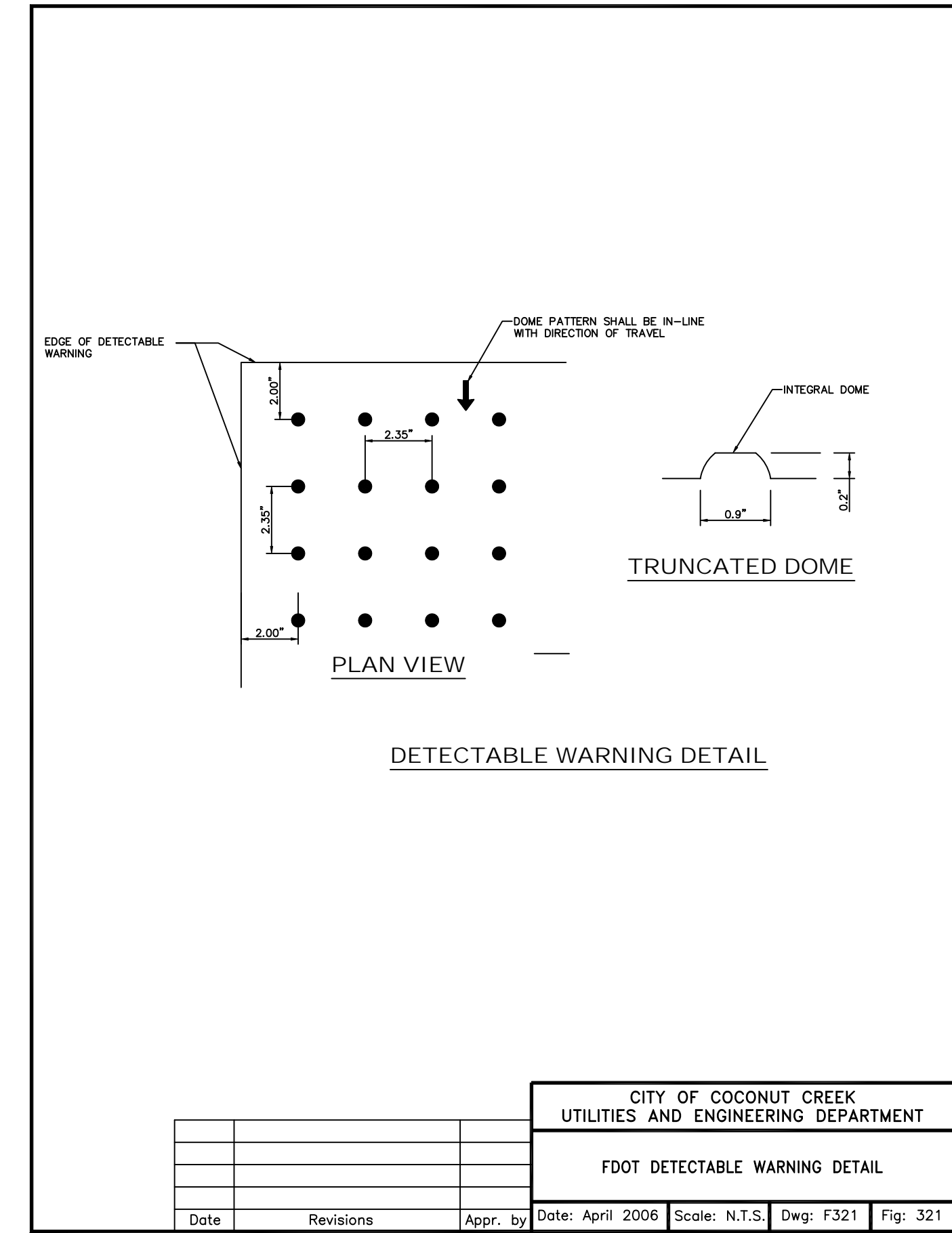
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
STOP SIGN AND TYPICAL SIGN BRACKET DETAIL			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F313 Fig: F313



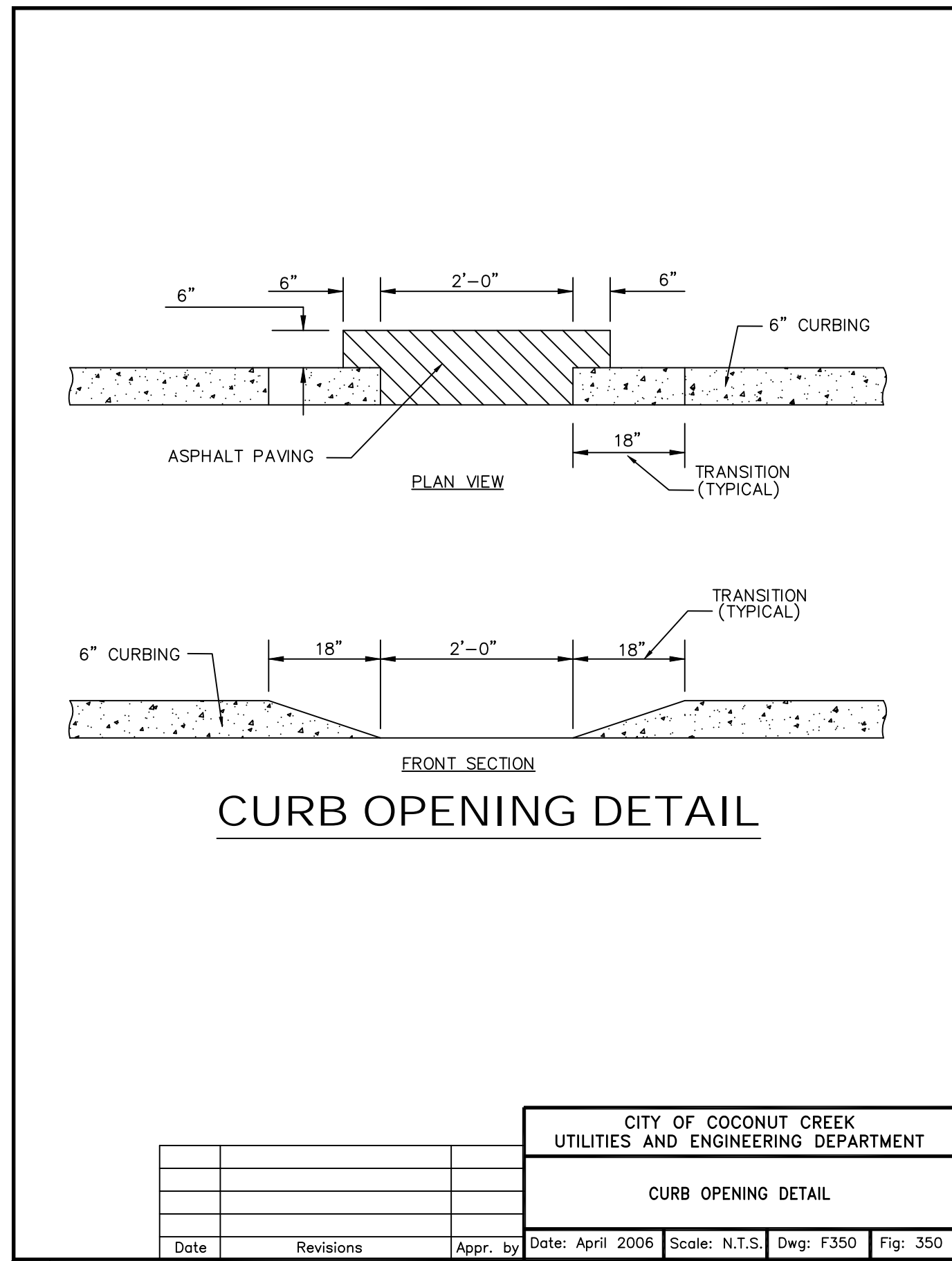
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
TYPICAL ROADSIDE SIGN PLACEMENT DETAIL			
Date	Revisions	Appr. by	Date: Feb. 2000 Scale: N.T.S. Dwg: F313A Fig: 313A



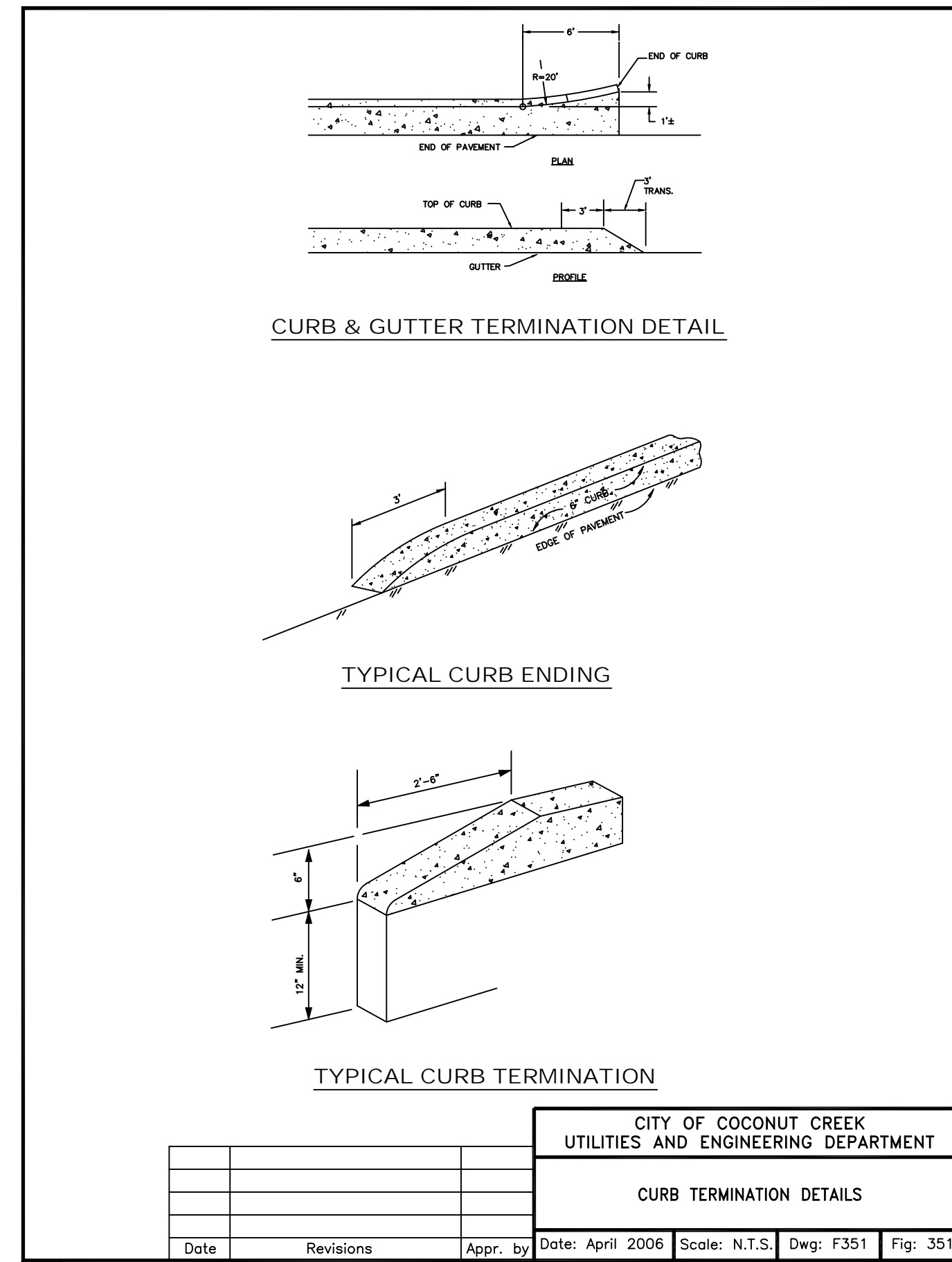
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
HANDICAP PARKING DETAILS			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F320 Fig: 320



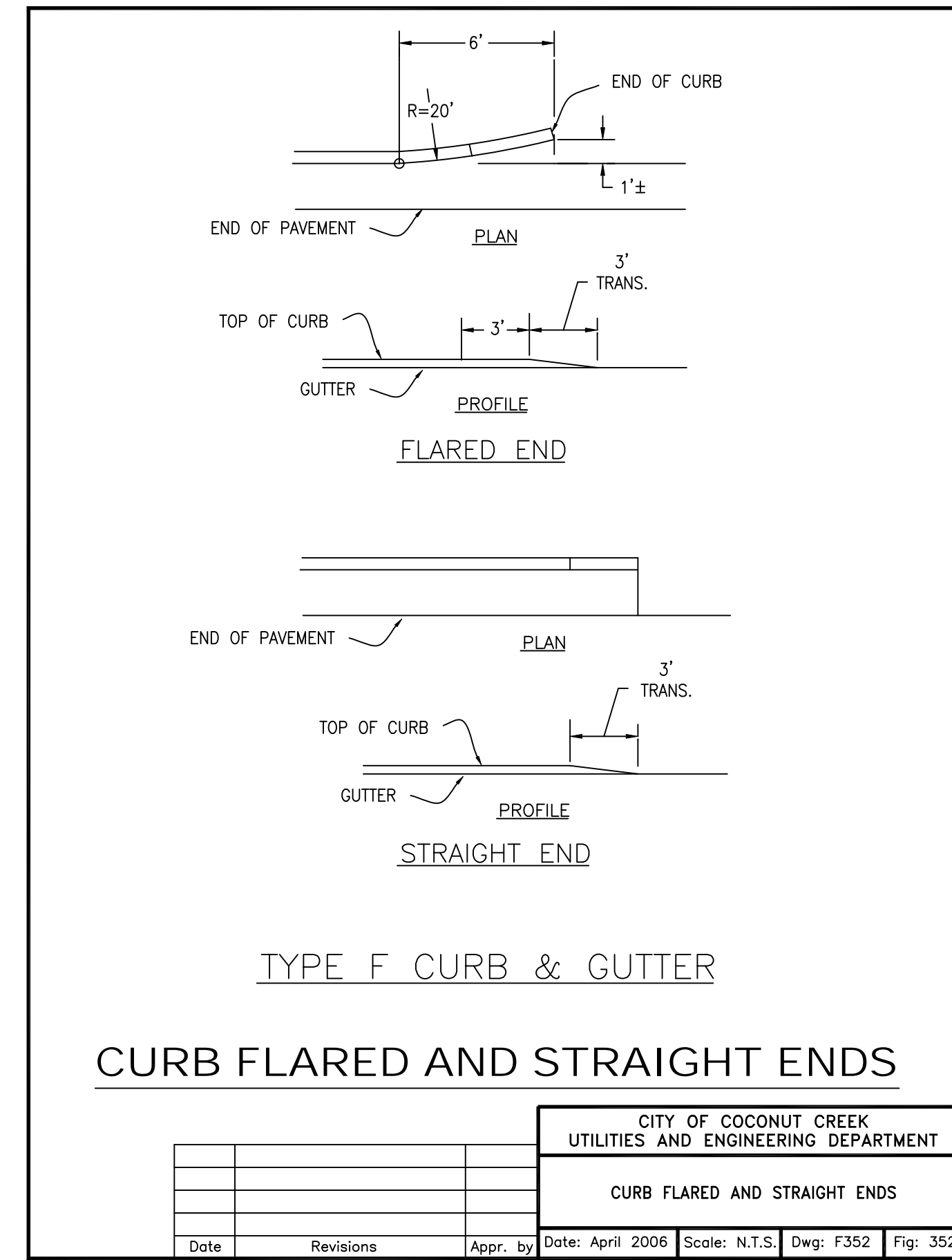
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
FDOT DETECTABLE WARNING DETAIL			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F321 Fig: 321



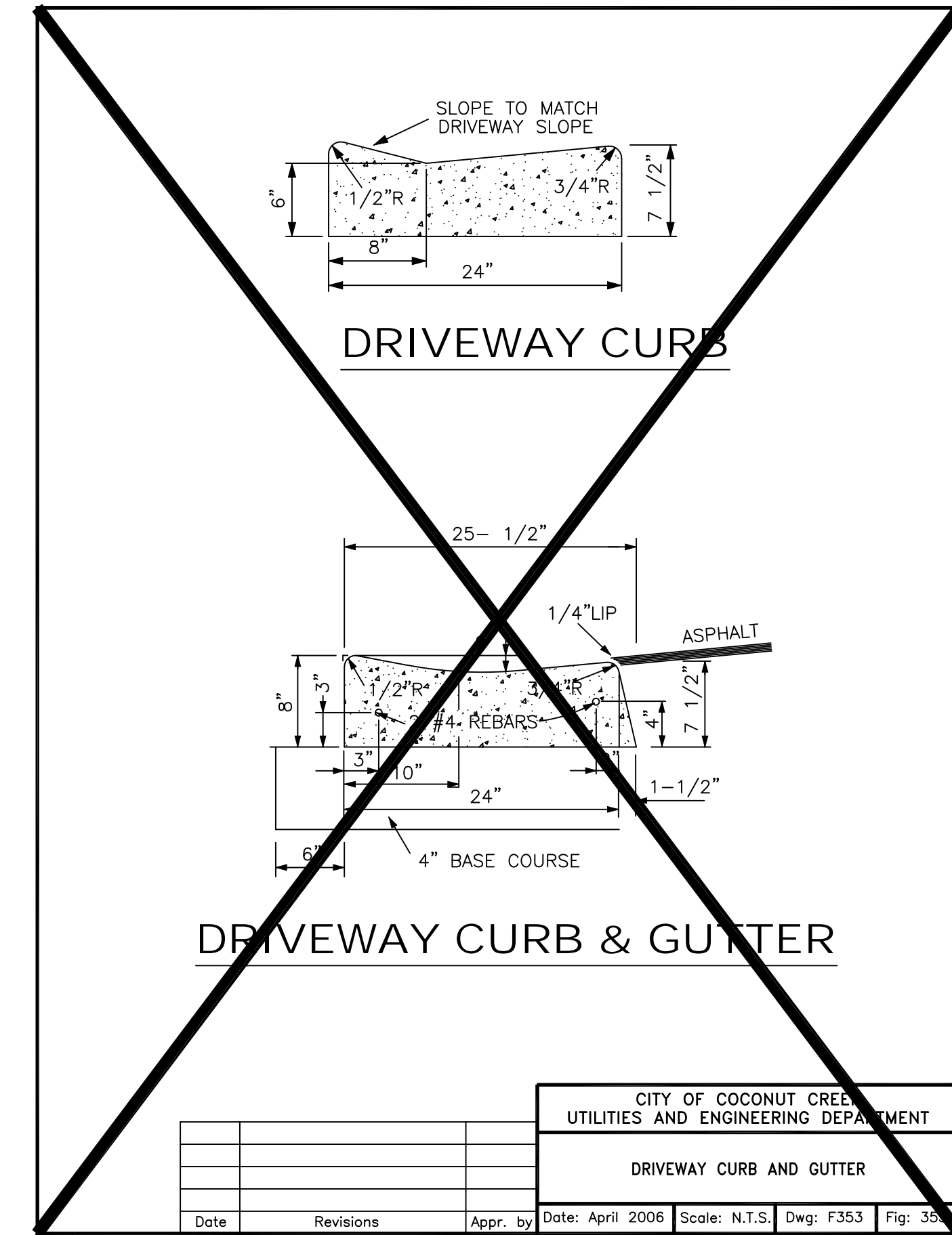
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
CURB OPENING DETAIL			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F350 Fig: 350



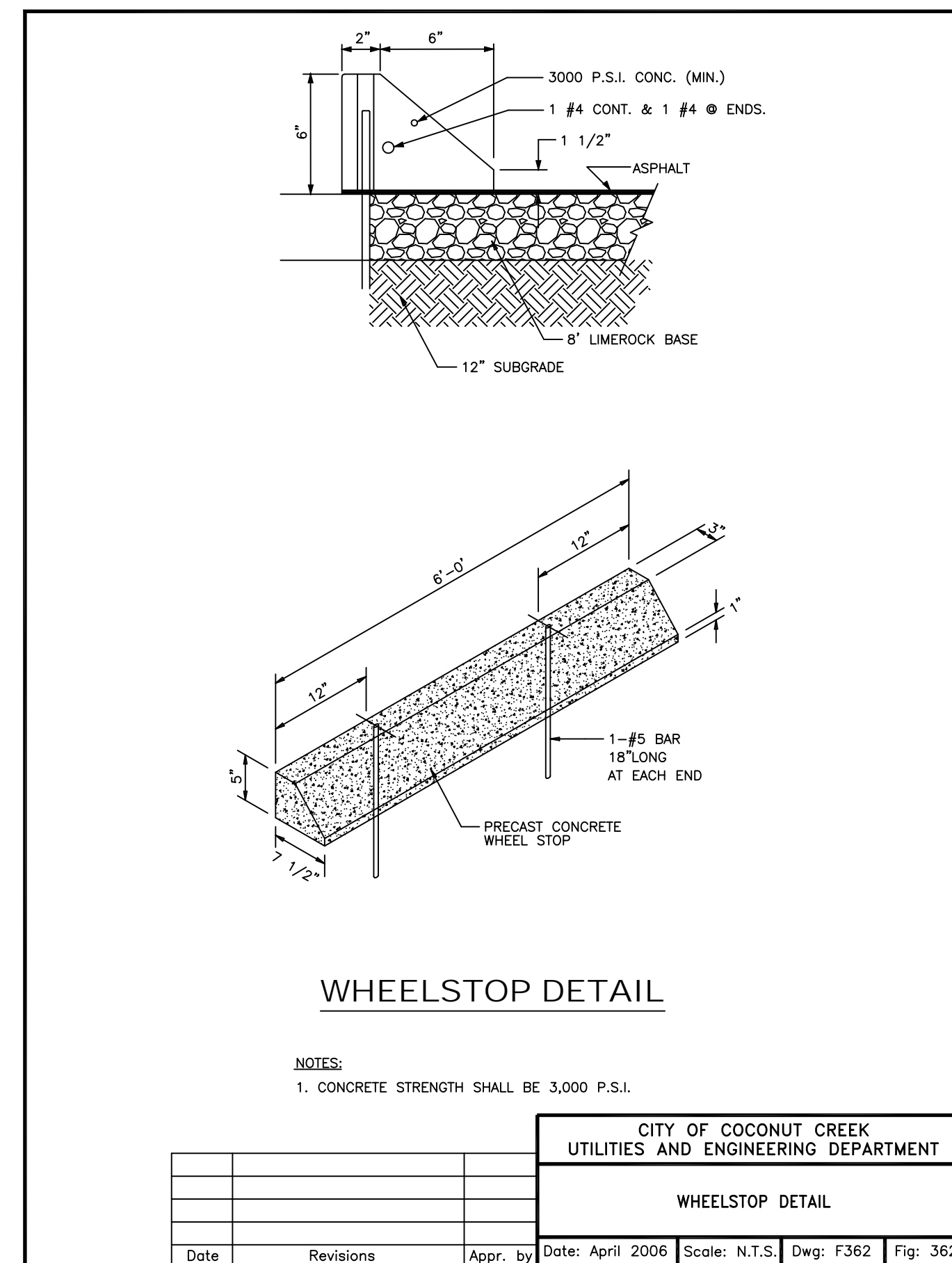
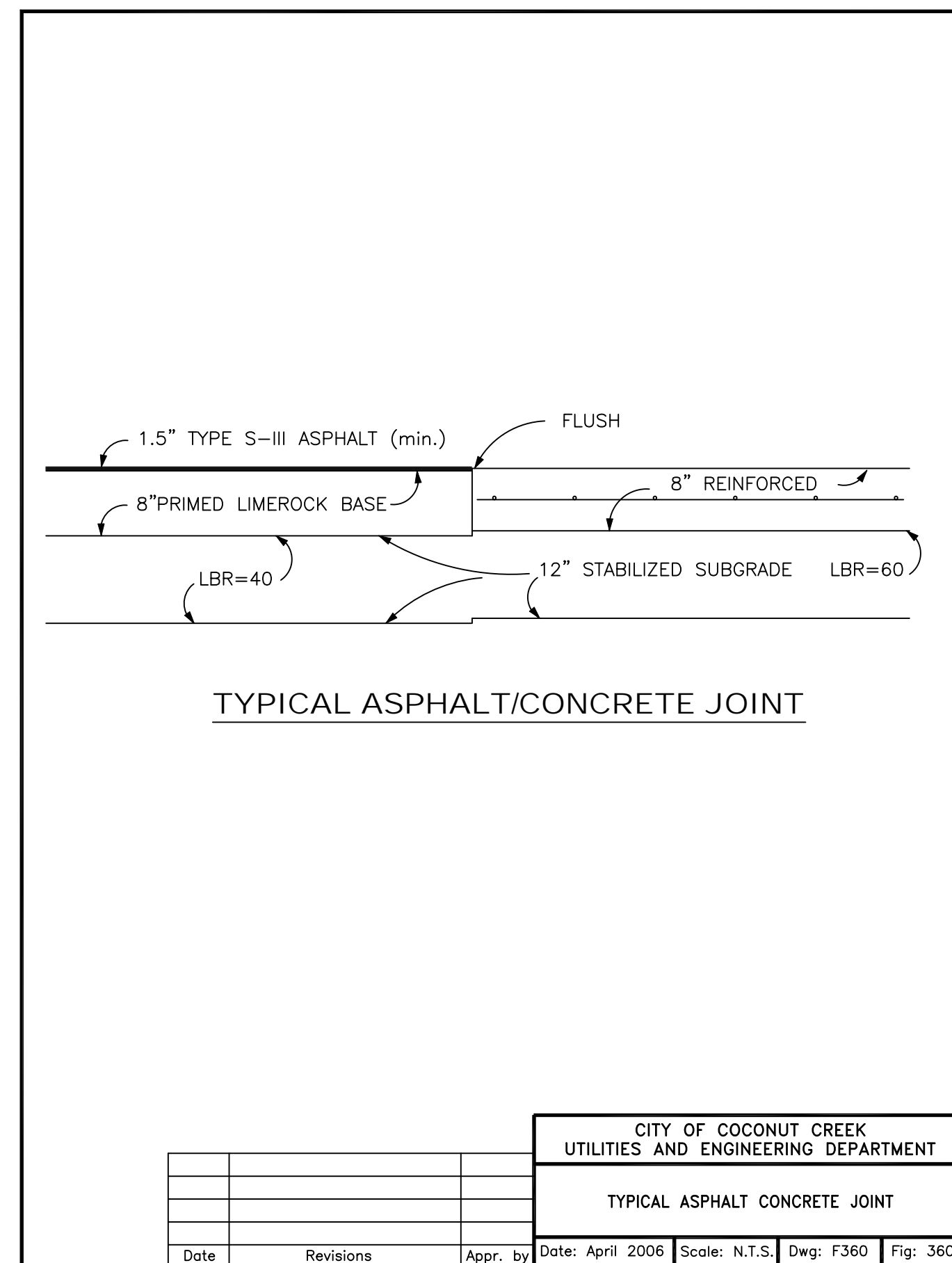
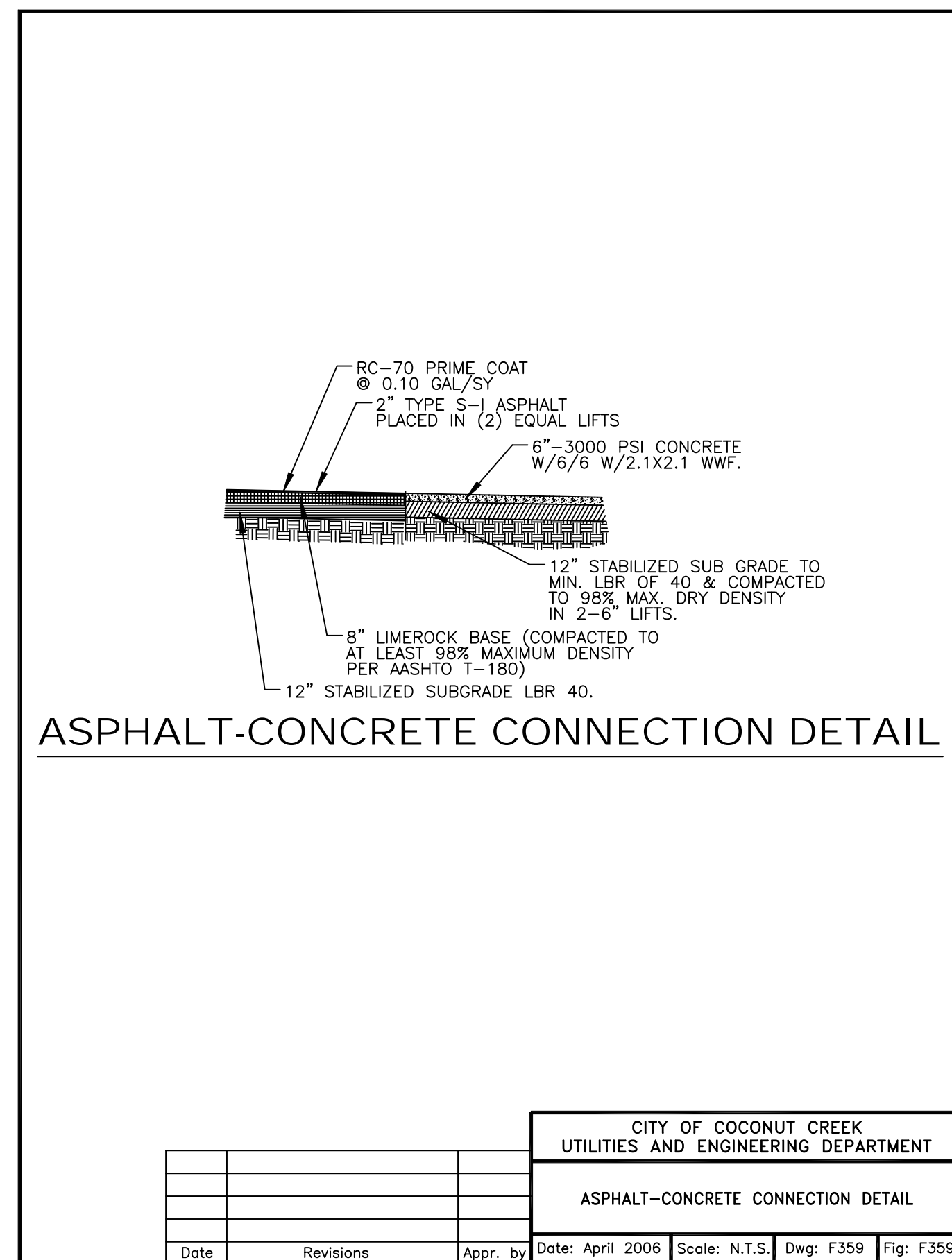
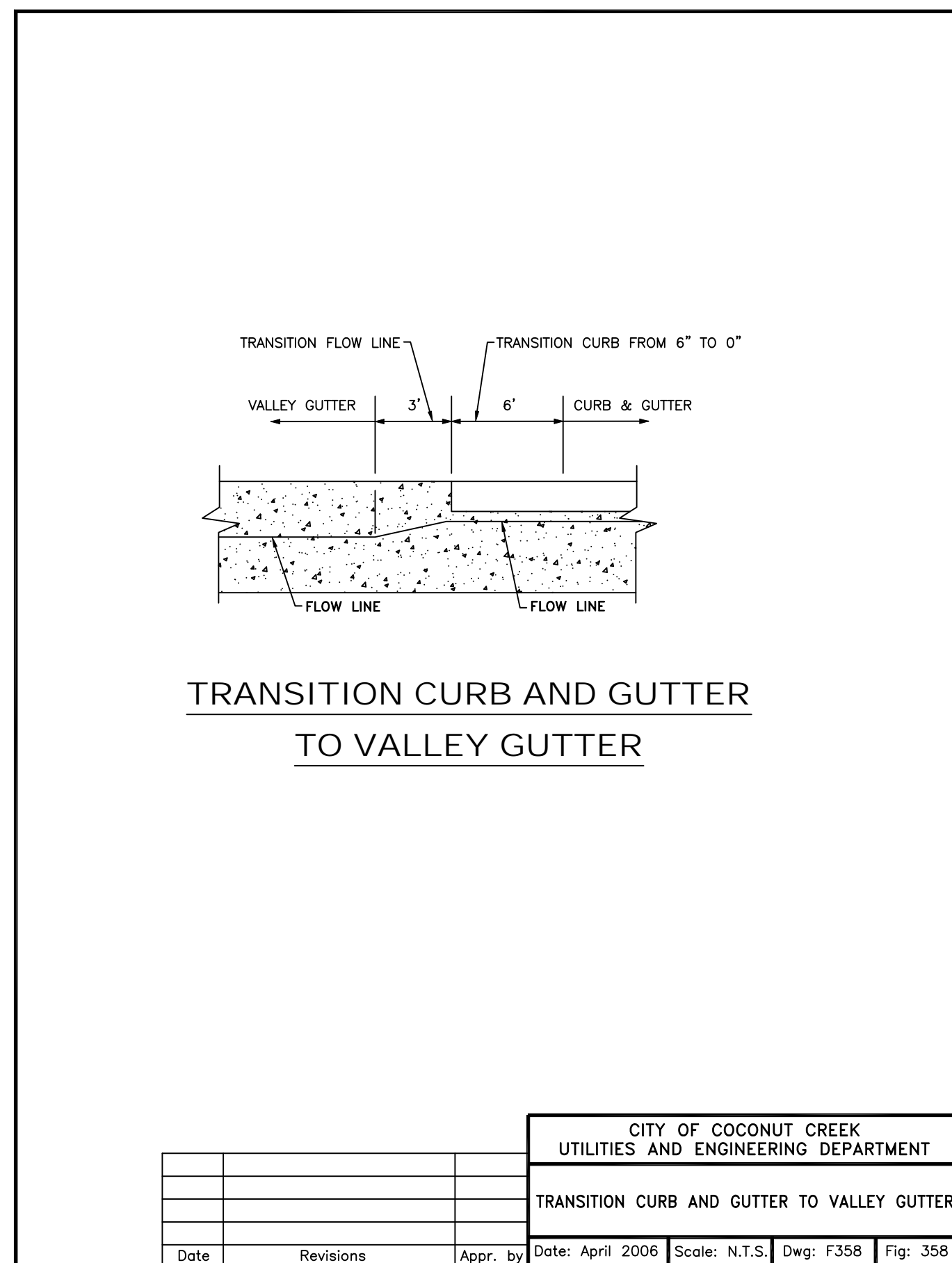
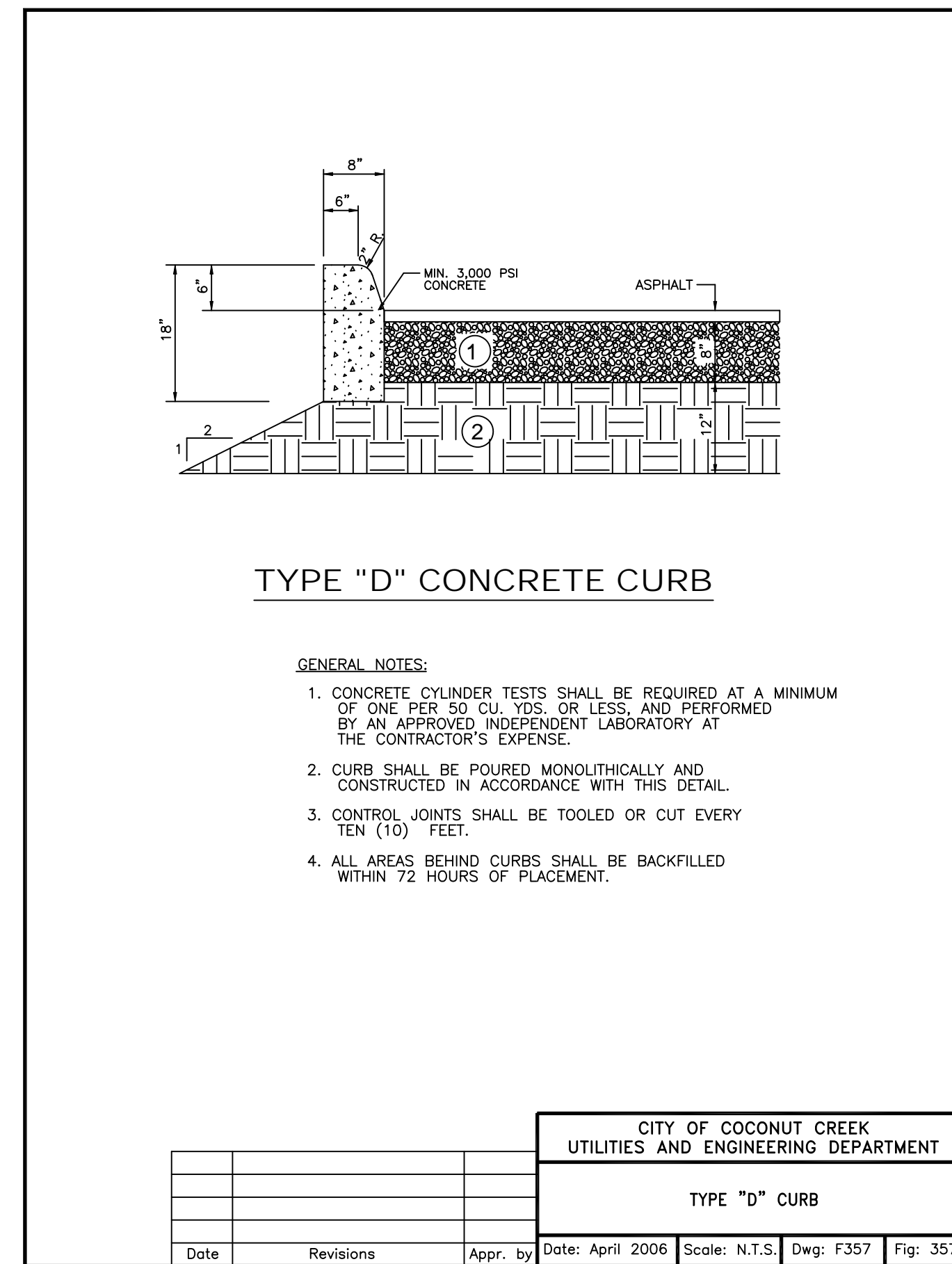
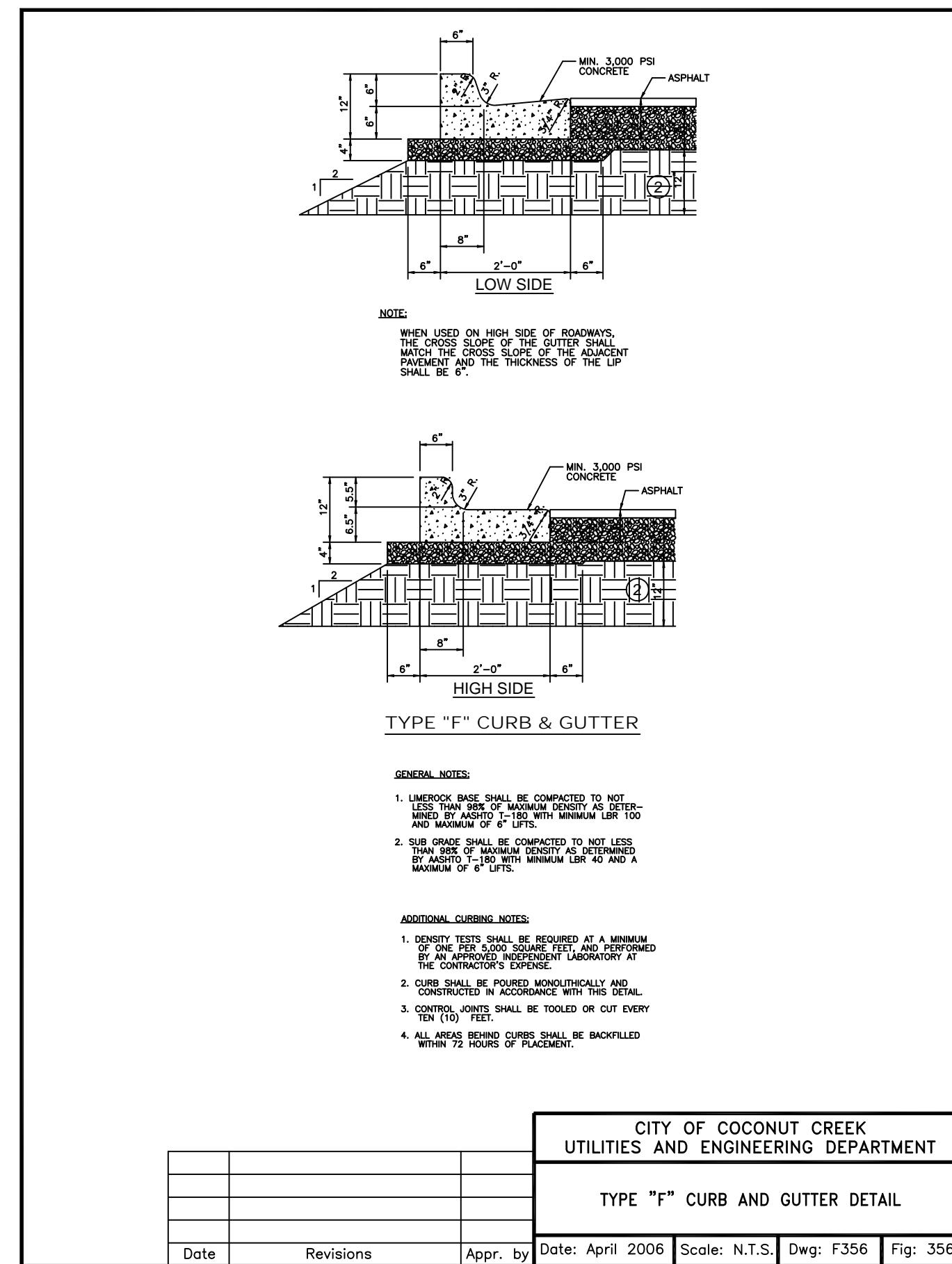
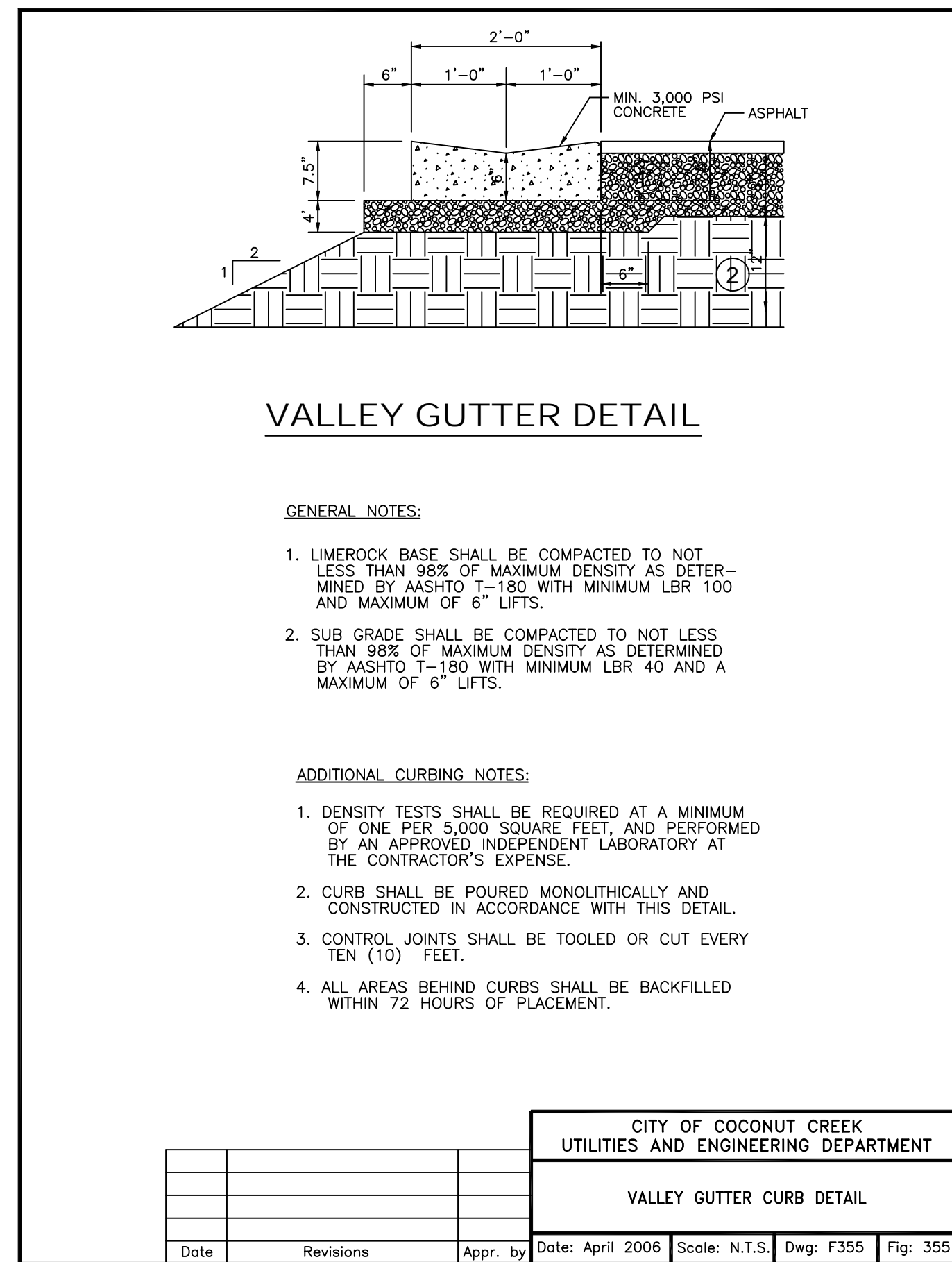
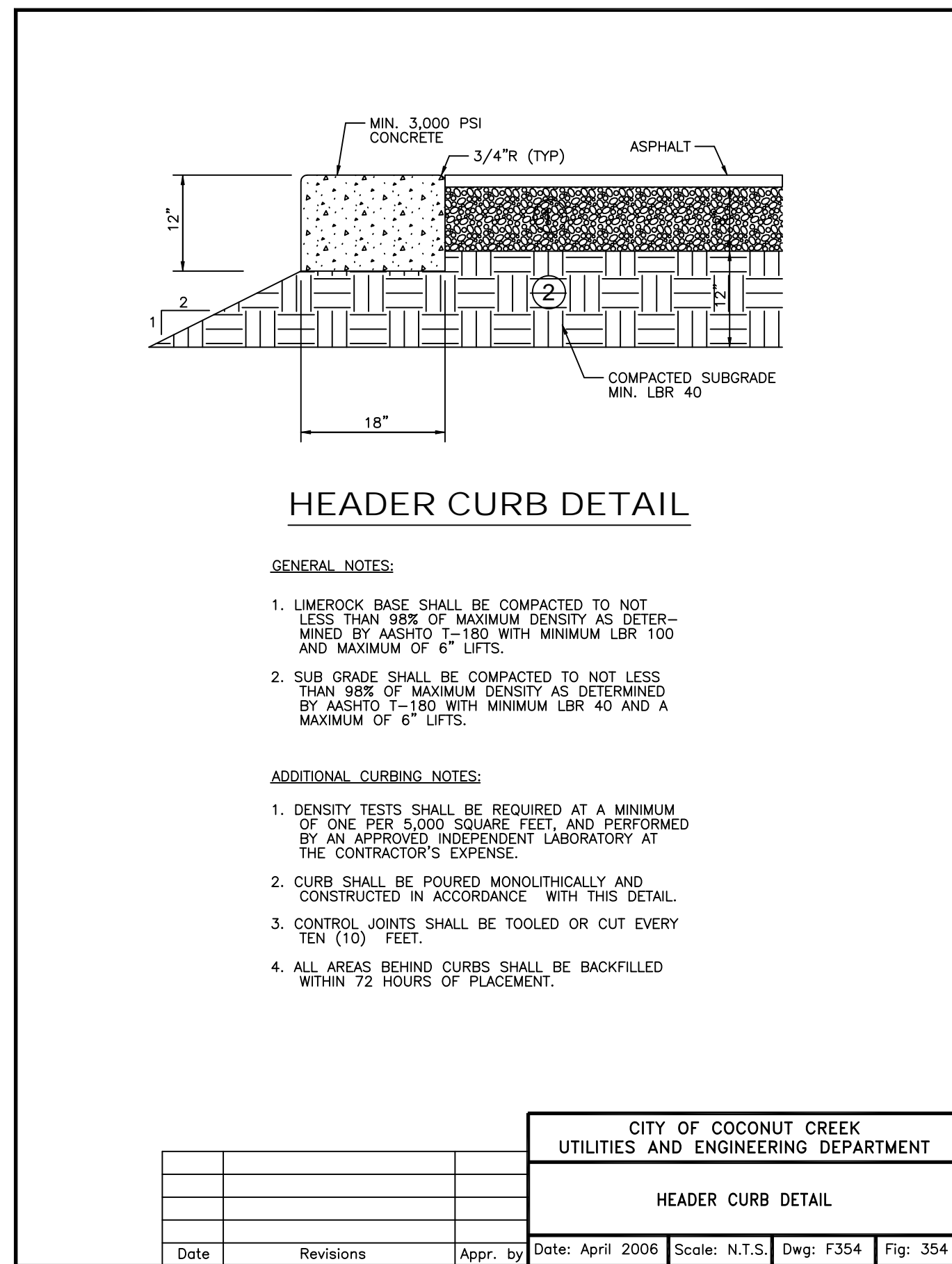
CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
CURB TERMINATION DETAILS			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F351 Fig: 351



CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
CURB FLARED AND STRAIGHT ENDS			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F352 Fig: 352



CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT			
DRIVEWAY CURB AND GUTTER			
Date	Revisions	Appr. by	Date: April 2006 Scale: N.T.S. Dwg: F353 Fig: 353



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revision:	
date:	
description:	11-032
drawn by:	AM060530
project manager:	CH
file name:	3466ddt.dwg
sheet:	04-30-12
title:	PAVEMENT GRADING & DRAINAGE DETAILS

**POLLUTION RETARDANT BAFFLE**

PIPE DIAMETER	A"	B"	C"
15"	27"	24"	37"
18"	30"	24"	37"
24"	36"	36"	36"
30"	42"	36"	42"
36"	48"	42"	54"
42"	56"	56"	56"
48"	60"	48"	60"
60"	72"	72"	72"

**NOTES:**

1. HALF ROUND PLATE TO BE WELDED TO TOP FOR POLLUTION RETARDANT BASIN.
2. THE HALF ROUND PIPE SHALL BE ONE SIZE LARGER THAN DISCHARGE PIPE.
3. FOR STRUCTURE'S CONSTRUCTION DIMENSIONS AND SPECS., SEE PRECAST CATCH BASIN DETAIL.
4. WEAP HOLES ARE NOT PERMITTED IN WELLFIELD AREAS.

**CELL AND SEAM PROPERTIES:**

**CELL DETAILS:**  
DEPTH - 100 MM (4 IN.)  
LENGTH - 224 MM (8.8 IN.)  
WIDTH - 259 MM (10.2 IN.)  
DENSITY PER SQUARE METER (SQUARE YARD) - 36.4 (28.9)  
NOMINAL AREA ± 1 % - 289 SQUARE CENTIMETER (44.8 SQUARE INCHES)

**SHORT-TERM SEAM PEEL STRENGTH**  
CELL DEPTH - 75 MM (3 IN.)  
MINIMUM CERTIFIED CELL SEAM STRENGTH - 1420 N (320 LBF)

**SEAM HANG STRENGTH TEST**  
A 100 MM (4 IN.) WIDE SEAM SHALL SUPPORT A 72.5 KG. (160 LB) LOAD FOR 7 DAYS MINIMUM IN A TEMPERATURE-CONTROLLED ENVIRONMENT UNDERGOING A TEMPERATURE CHANGE ON A 1-HOUR CYCLE FROM AMBIENT ROOM TO 54° C (130° F). AMBIENT ROOM TEMPERATURE PER ASTM E 41.

**ALTERNATIVE SEAM HANG STRENGTH TEST**  
A 100 MM (4 IN.) WIDE SEAM SHALL SUPPORT A 72.5 KG. (160 LB) LOAD FOR 30 DAYS IN AN AMBIENT ROOM TEMPERATURE ENVIRONMENT. AMBIENT ROOM TEMPERATURE PER ASTM E 41.

**SECTION PROPERTIES:**

**SECTION DIMENSIONS:**  
SECTION WIDTH (VARIABLE) 2.3 M (7.7 FT.) TO 2.8 M (9.2 FT.)  
SECTION LENGTH RANGE - MINIMUM 3.7 M (12.0 FT.) MAXIMUM 9.8 M (32.2 FT.)

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**POLLUTION RETARDANT BAFFLE**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F373 Fig: 373

**NOTES:**

**GEOWEB SPECIFICATIONS GW20V - 100 MM (4 IN) DEPTH (BY PRESTO PRODUCTS OR EQUAL)**

**BASE MATERIAL:**

- POLYMER - POLYETHYLENE WITH DENSITY OF 0.935-0.965 G/CM<sup>3</sup>
- COLOR - BLACK
- STABILIZER - CARBON BLACK CONTENT 15-2.0% BY WEIGHT
- MINIMUM ESCR - 3000 HR

**STRIP PROPERTIES:**

**SURFACE TREATMENT**

PERFORMANCE - THE POLYETHYLENE STRIPS SHALL BE TEXTURED AND PERFORATED SUCH THAT THE PEAK FRICTION ANGLE BETWEEN THE SURFACE OF THE TEXTURED/PERFORATED PLASTIC AND A # 40 SILICA SAND AT 100% RELATIVE DENSITY SHALL BE NO LESS THAN 85% OF THE PEAK FRICTION ANGLE OF THE SILICA SAND IN ISOLATION WHEN TESTED BY THE DIRECT SHEAR METHOD PER ASTM D 5321. THE QUANTITY OF PERFORATIONS SHALL REMOVE 13.8% ± 2.1 % OF THE CELL WALL AREA. MATERIAL - THE POLYETHYLENE STRIPS SHALL BE TEXTURED WITH A MULTITUDE OF RHOMBODIAL (DIAMOND SHAPE) INDENTATIONS. THE RHOMBODIAL INDENTATIONS SHALL HAVE A SURFACE DENSITY OF 22-31 PEN SQUARE CENTIMETER (140-200 PER SQUARE INCH). IN ADDITION, THE STRIPS SHALL BE PERFORATED WITH HORIZONTAL ROWS OF 10 MM (0.391 IN.) DIAMETER HOLES. PERFORATIONS WITHIN EACH ROW SHALL BE 19 MM (0.75 IN.) ON-CENTER. HORIZONTAL ROWS SHALL BE STAGGERED AND SEPARATED 12 MM (0.50 IN.) RELATIVE TO THE STRIP EDGES AND 25 MM (1.0 IN.) FROM THE CELL WELD POINTS.

**CELL AND SEAM PROPERTIES:**

**CELL DETAILS:**  
DEPTH - 100 MM (4 IN.)  
LENGTH - 224 MM (8.8 IN.)  
WIDTH - 259 MM (10.2 IN.)  
DENSITY PER SQUARE METER (SQUARE YARD) - 36.4 (28.9)  
NOMINAL AREA ± 1 % - 289 SQUARE CENTIMETER (44.8 SQUARE INCHES)

**SHORT-TERM SEAM PEEL STRENGTH**  
CELL DEPTH - 75 MM (3 IN.)  
MINIMUM CERTIFIED CELL SEAM STRENGTH - 1420 N (320 LBF)

**SEAM HANG STRENGTH TEST**  
A 100 MM (4 IN.) WIDE SEAM SHALL SUPPORT A 72.5 KG. (160 LB) LOAD FOR 7 DAYS MINIMUM IN A TEMPERATURE-CONTROLLED ENVIRONMENT UNDERGOING A TEMPERATURE CHANGE ON A 1-HOUR CYCLE FROM AMBIENT ROOM TO 54° C (130° F). AMBIENT ROOM TEMPERATURE PER ASTM E 41.

**ALTERNATIVE SEAM HANG STRENGTH TEST**  
A 100 MM (4 IN.) WIDE SEAM SHALL SUPPORT A 72.5 KG. (160 LB) LOAD FOR 30 DAYS IN AN AMBIENT ROOM TEMPERATURE ENVIRONMENT. AMBIENT ROOM TEMPERATURE PER ASTM E 41.

**SECTION PROPERTIES:**

**SECTION DIMENSIONS:**  
SECTION WIDTH (VARIABLE) 2.3 M (7.7 FT.) TO 2.8 M (9.2 FT.)  
SECTION LENGTH RANGE - MINIMUM 3.7 M (12.0 FT.) MAXIMUM 9.8 M (32.2 FT.)

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**GEOWEB - SPECIFICATIONS**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F372 Fig: 372

**EXFILTRATION TRENCH LONGITUDINAL SECTION**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**EXFILTRATION TRENCH LONGITUDINAL SECTION**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F371 Fig: 371

**TYPICAL EXFILTRATION TRENCH**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**TYPICAL EXFILTRATION TRENCH**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F370 Fig: 370

**PRECAST ROUND OR RECTANGULAR CATCH BASIN**

**TABLE OF DIMENSIONS**

TYPE	A	B	C	D-C.C.E.W.	E-C.C.E.W.	F
PL. #8	5'-6"	6'	8'	14 AT 12"	14 AT 12"	4'-10"
C-4	5'-6"	6'	8'	14 AT 12"	14 AT 12"	5'-10"
C-5	5'-6"	6'	8'	14 AT 12"	14 AT 12"	6'-10"
C-6	5'-6"	6'	8'	14 AT 12"	14 AT 12"	7'-10"
C-7	5'-6"	6'	8'	14 AT 12"	14 AT 12"	8'-10"
C-8	5'-6"	6'	8'	14 AT 12"	14 AT 12"	9'-10"

**USF # 4155 FRAME & GRATE**

**PRECAST CATCH BASIN**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**PRECAST CATCH BASIN**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F379 Fig: 379

**YARD INLET DETAIL (NYLOPLAST OR EQUAL)**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**YARD DRAIN DETAIL**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F378 Fig: 378

**F.D.O.T. STRAIGHT ENDWALL**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**F.D.O.T. STRAIGHT ENDWALL**

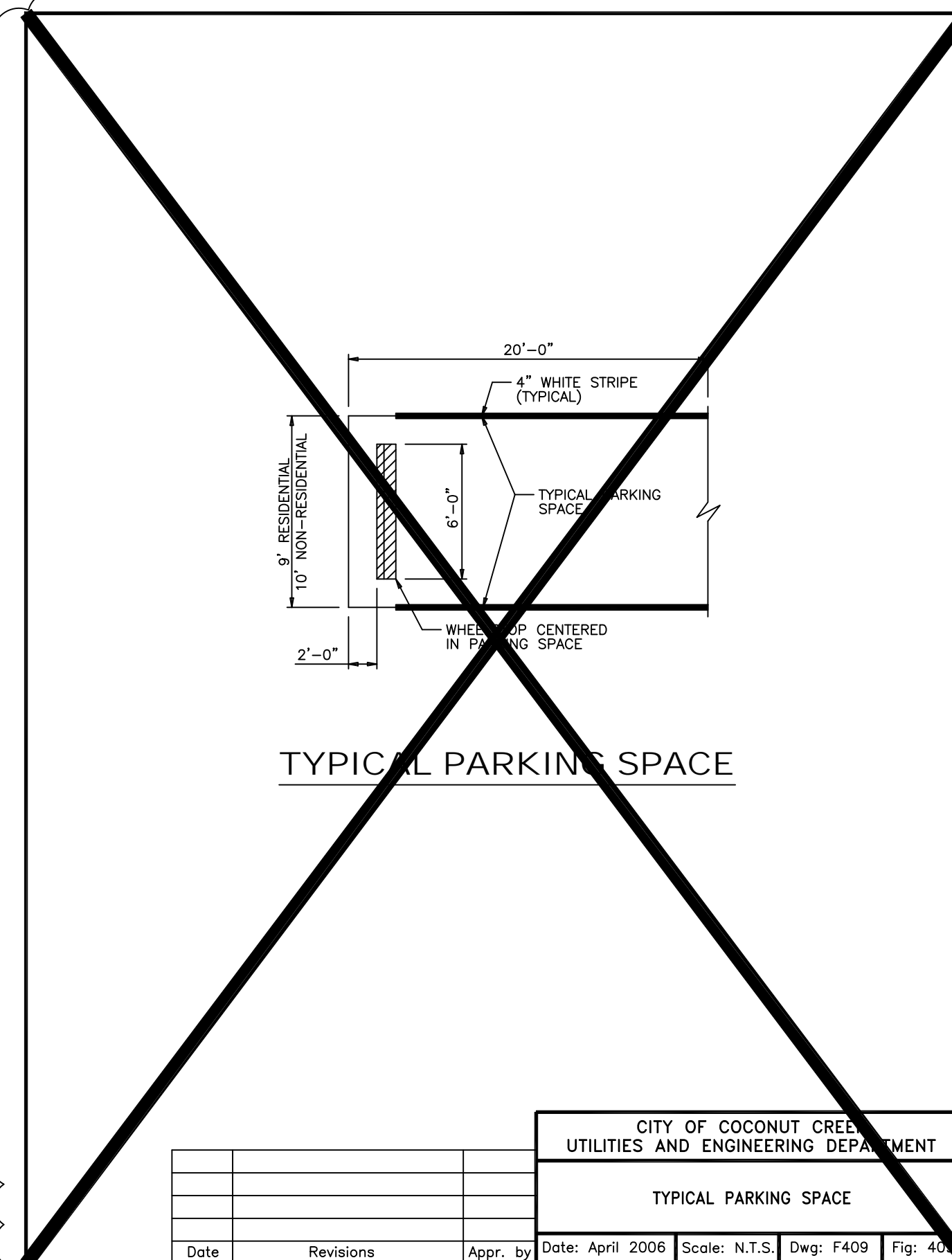
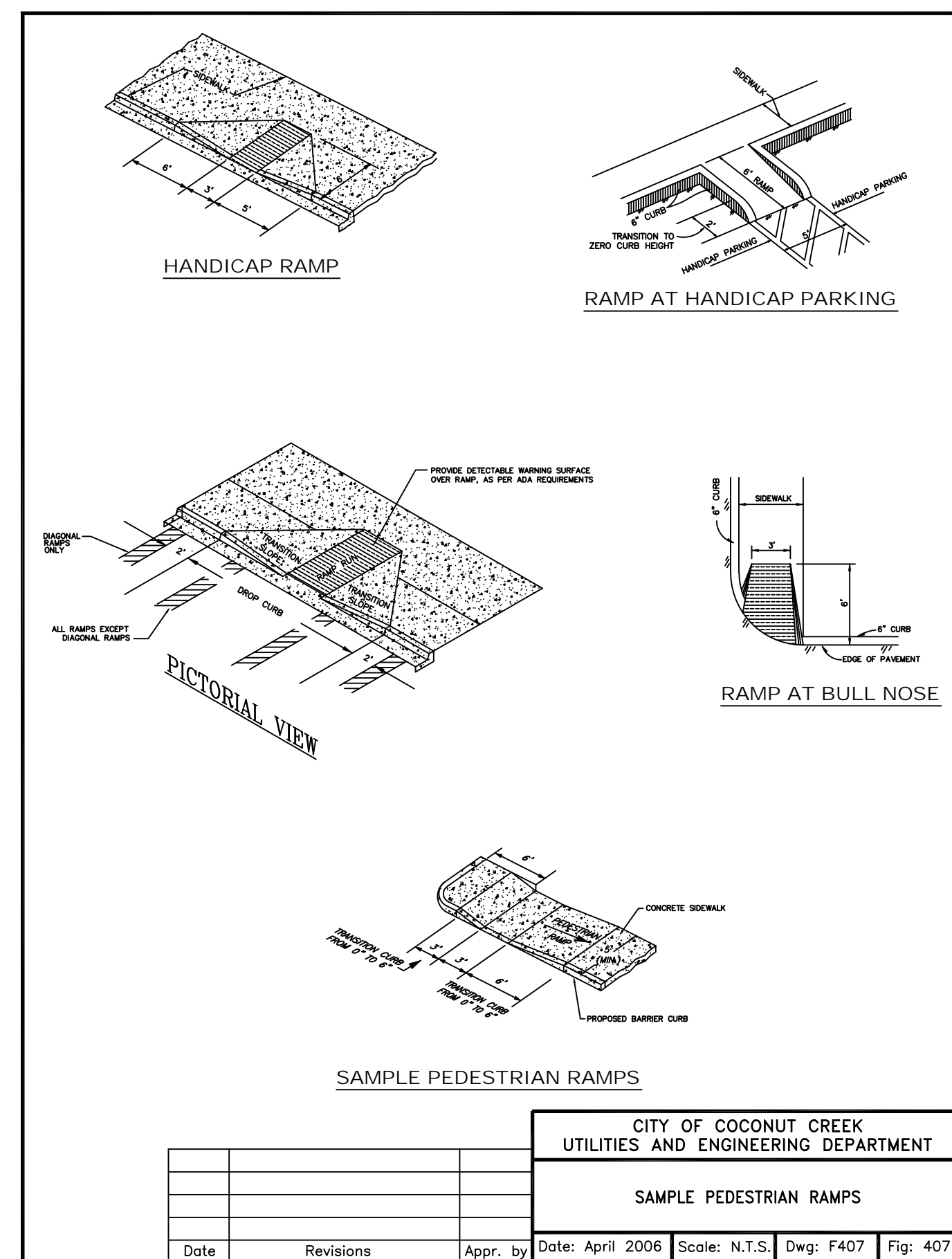
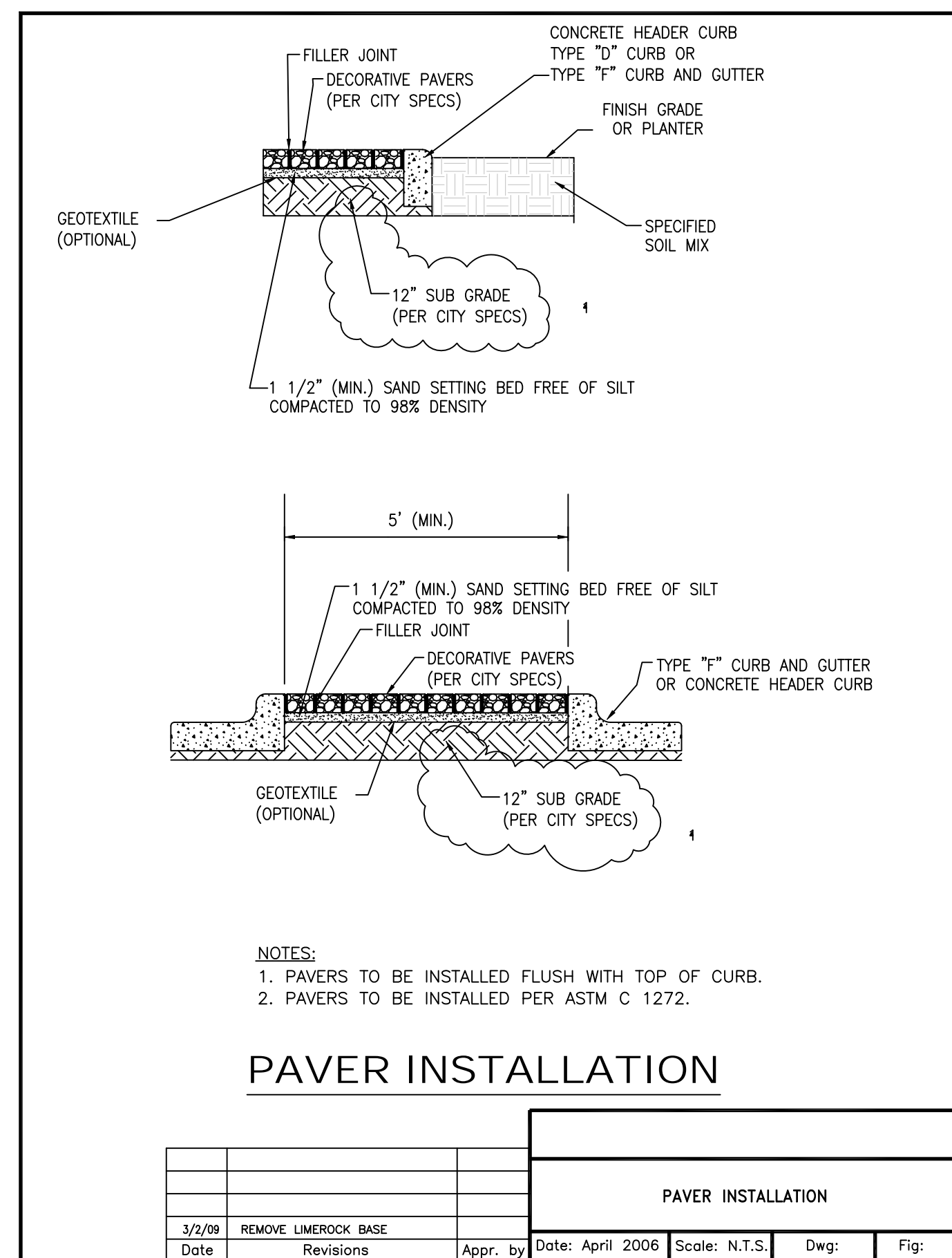
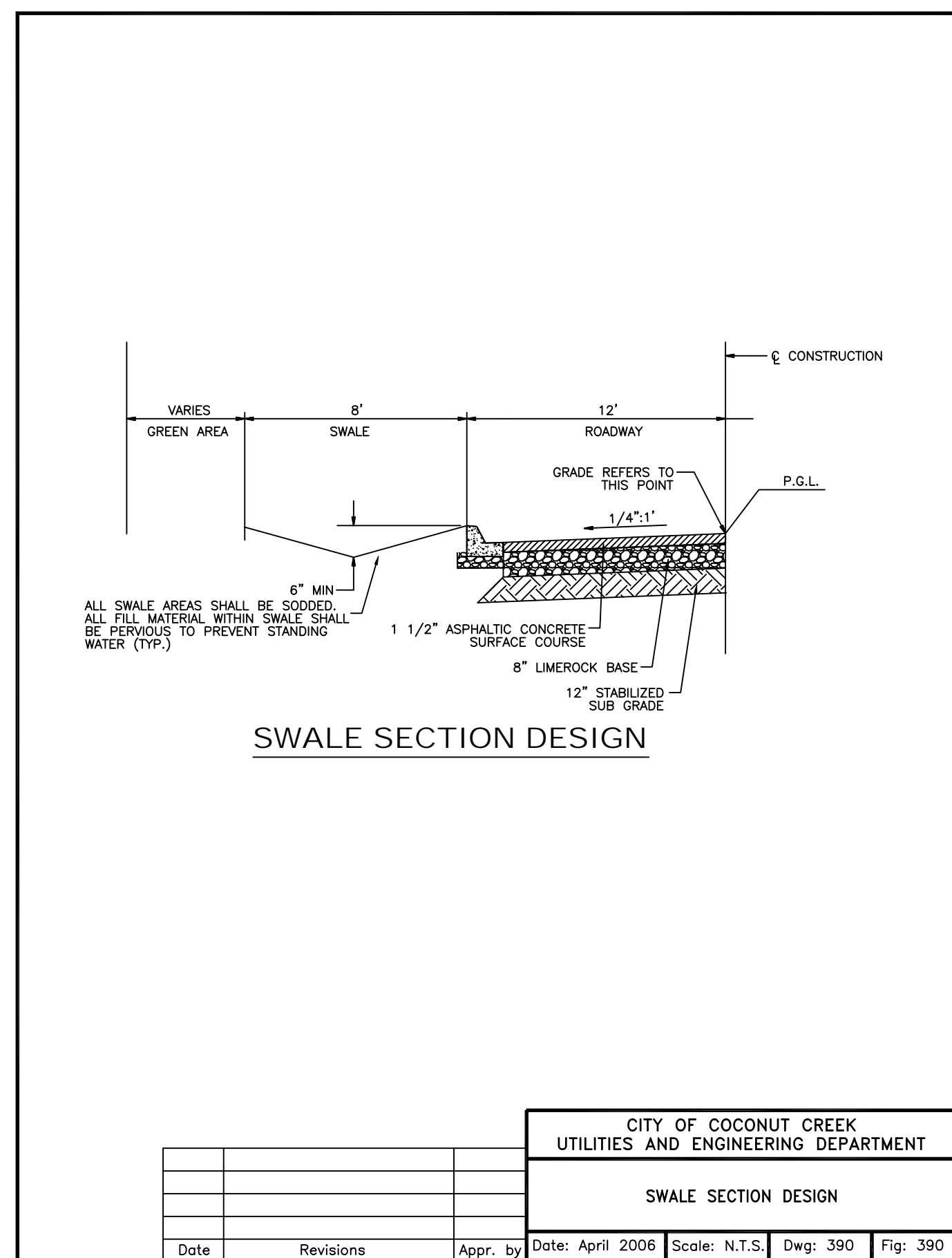
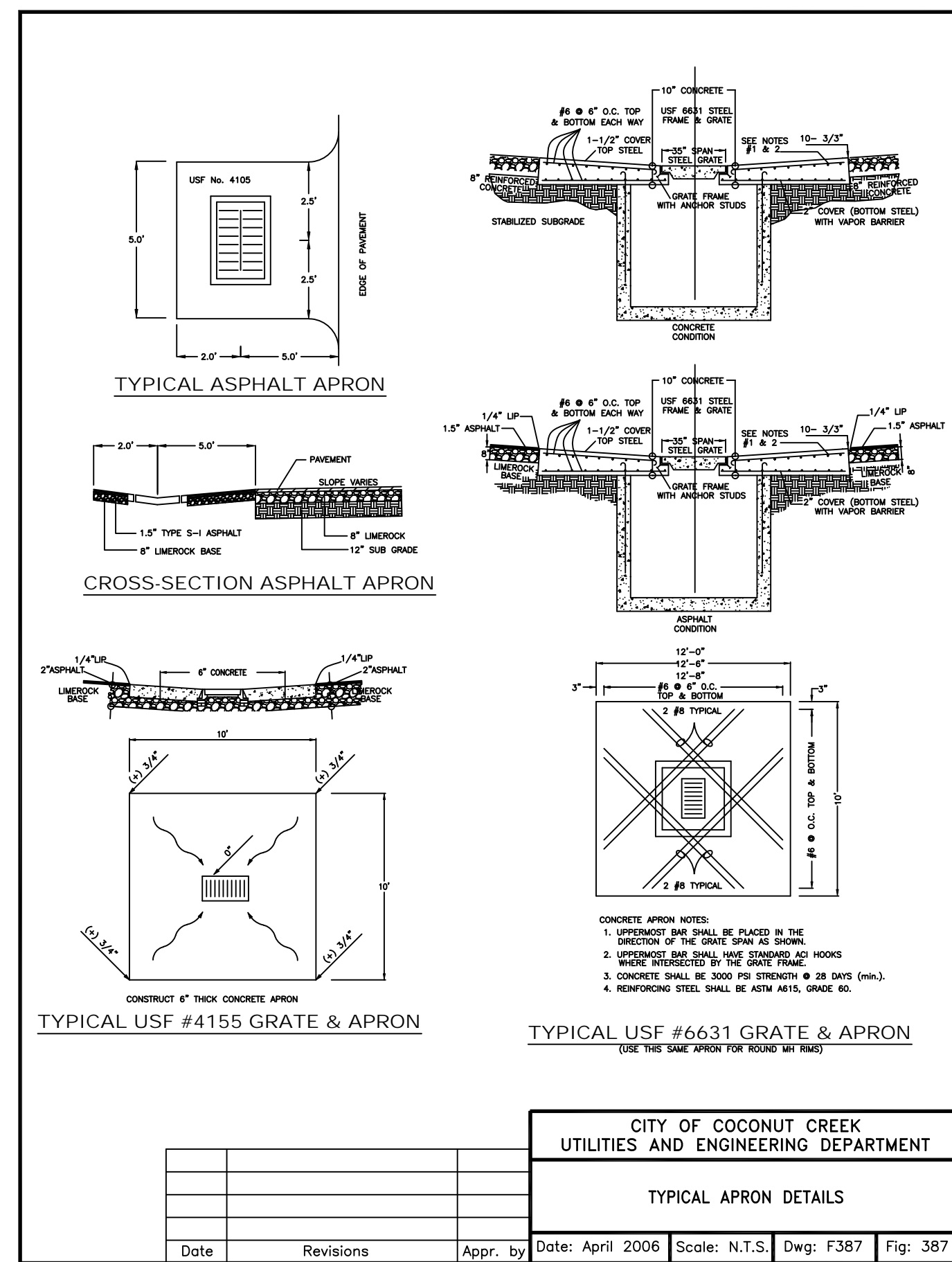
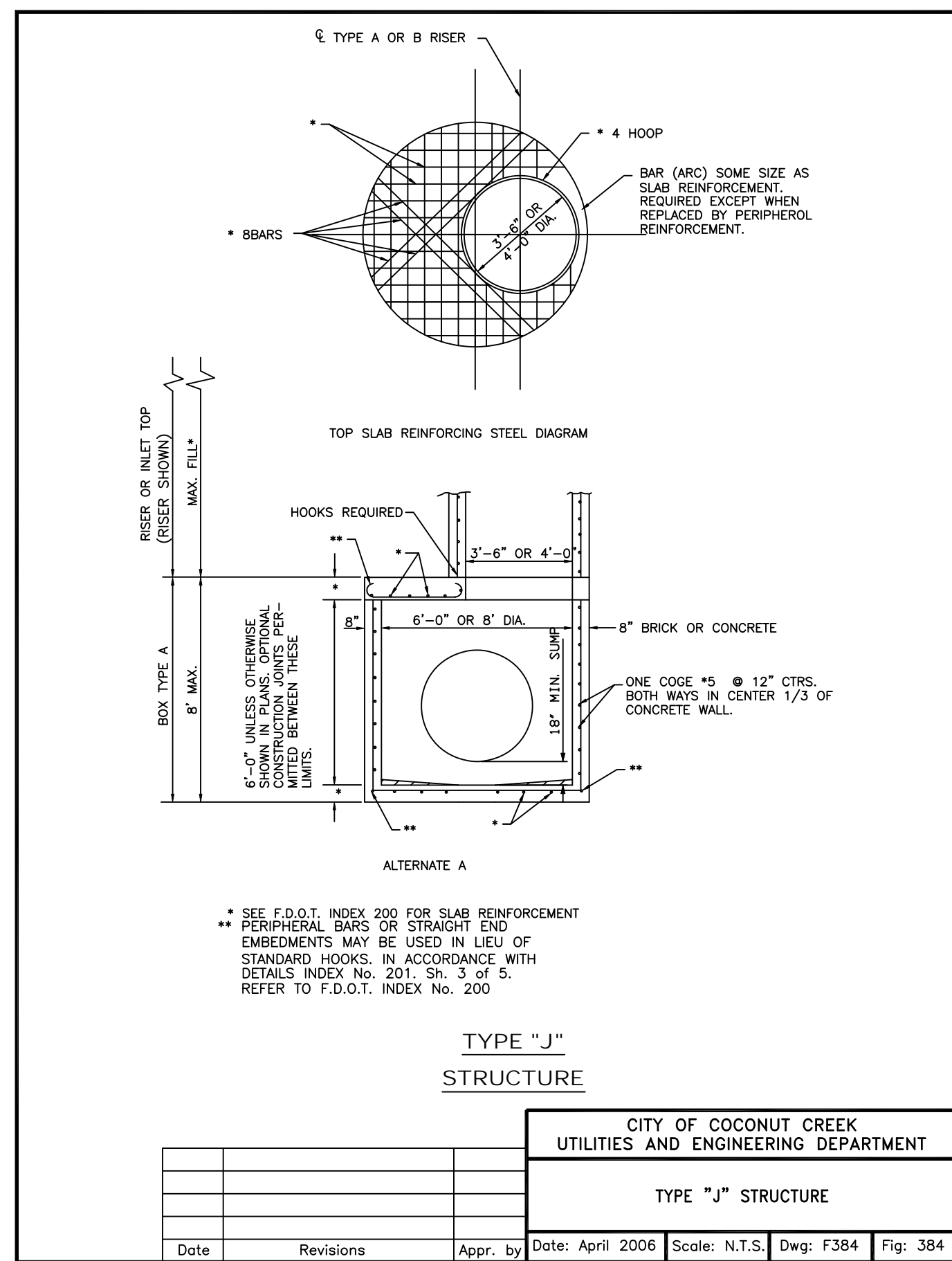
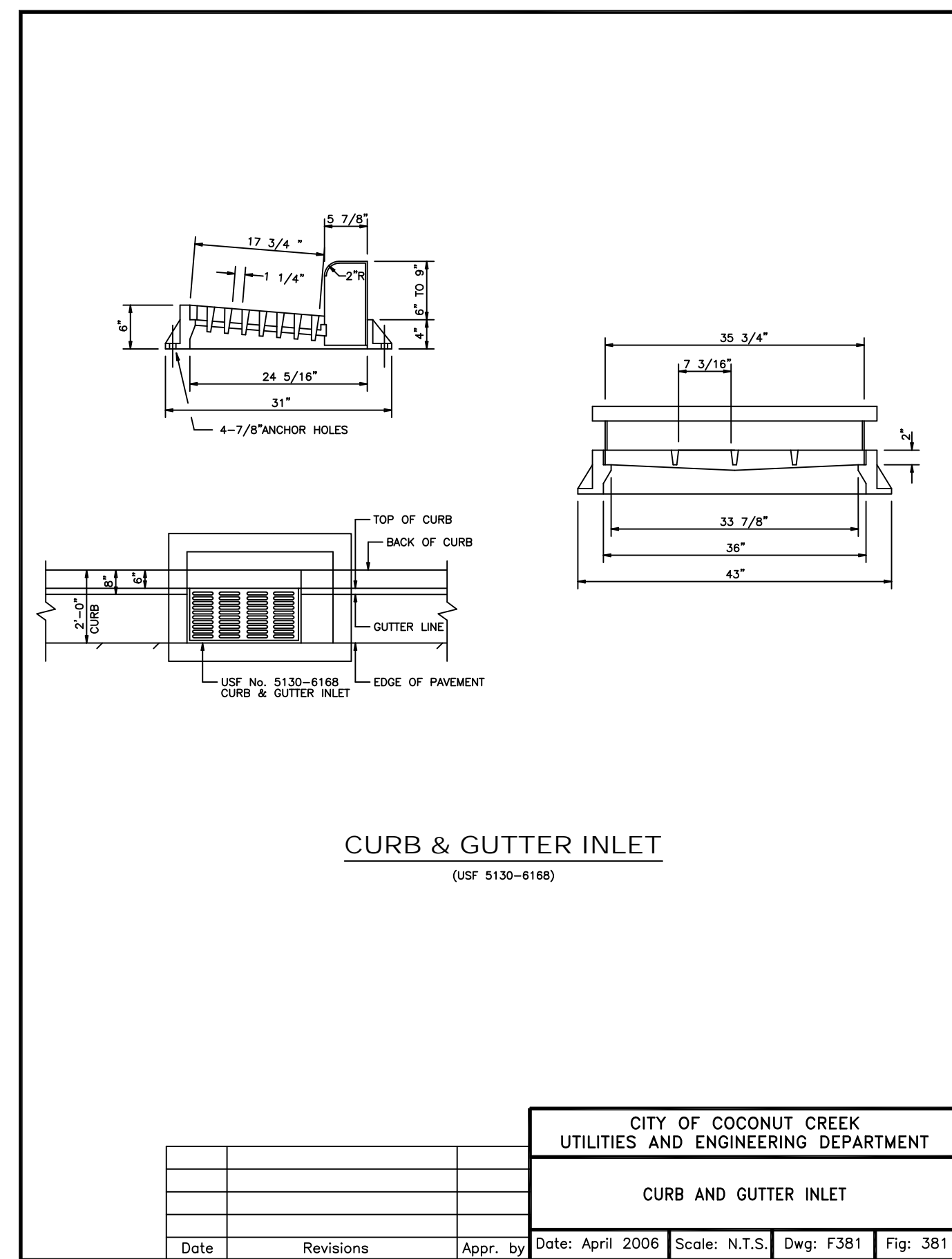
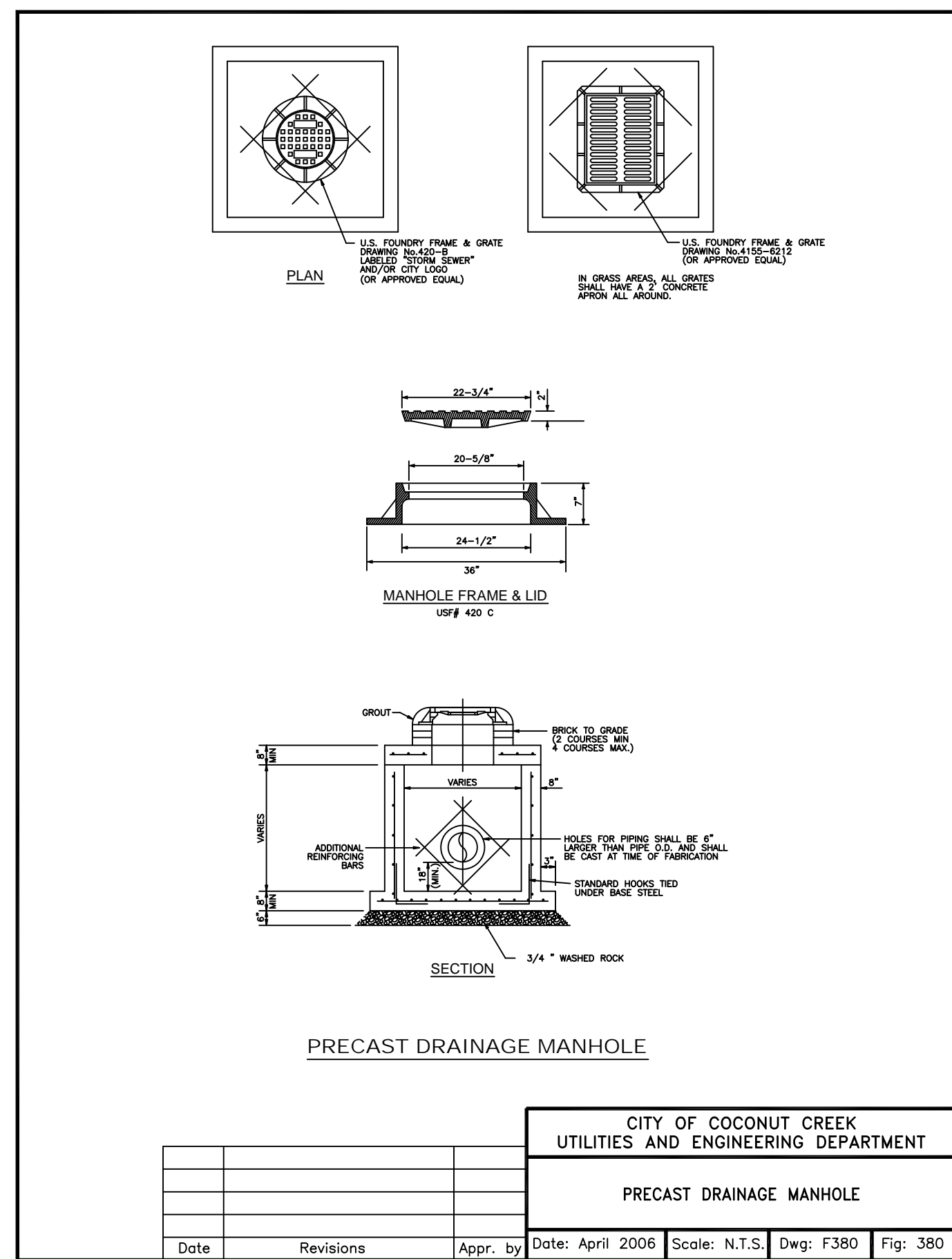
Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F375 Fig: 375

**TYPICAL TRENCH DETAIL**

**CITY OF COCONUT CREEK UTILITIES AND ENGINEERING DEPARTMENT**

**PIPE INSTALLATION TRENCH DETAIL (STORM DRAIN)**

Date Revisions Appr. by Date: April 2006 Scale: N.T.S. Dwg: F374 Fig: 374

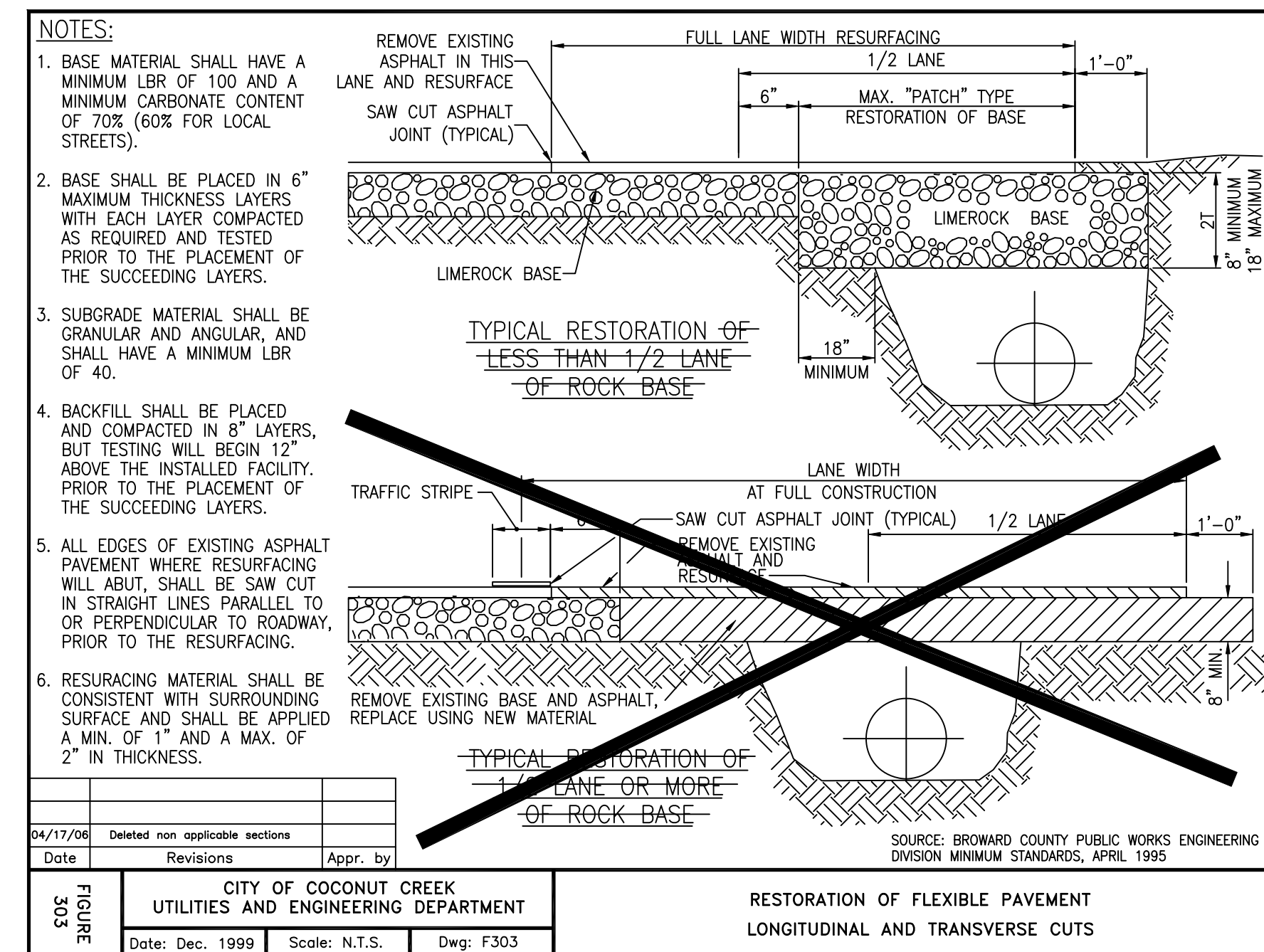
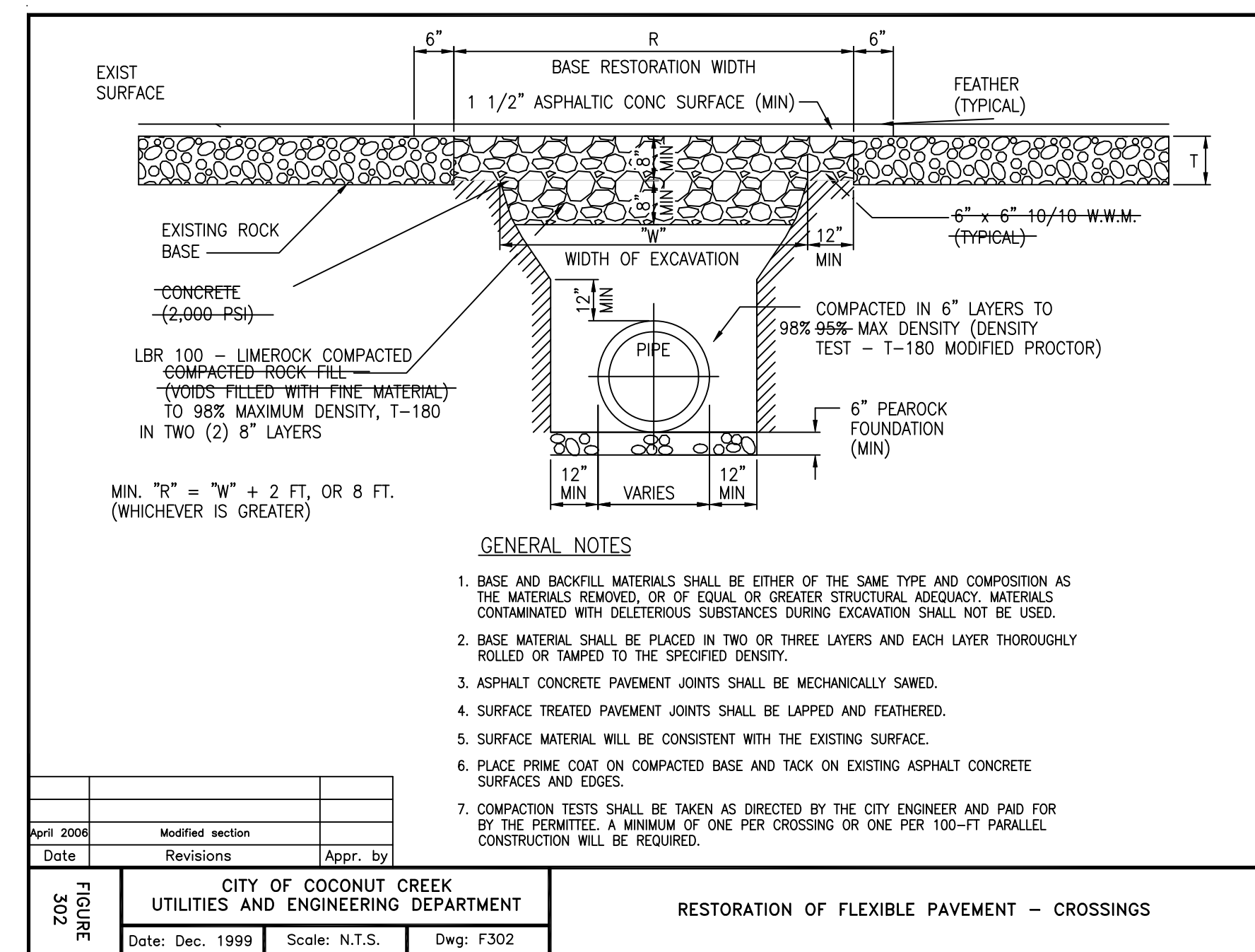
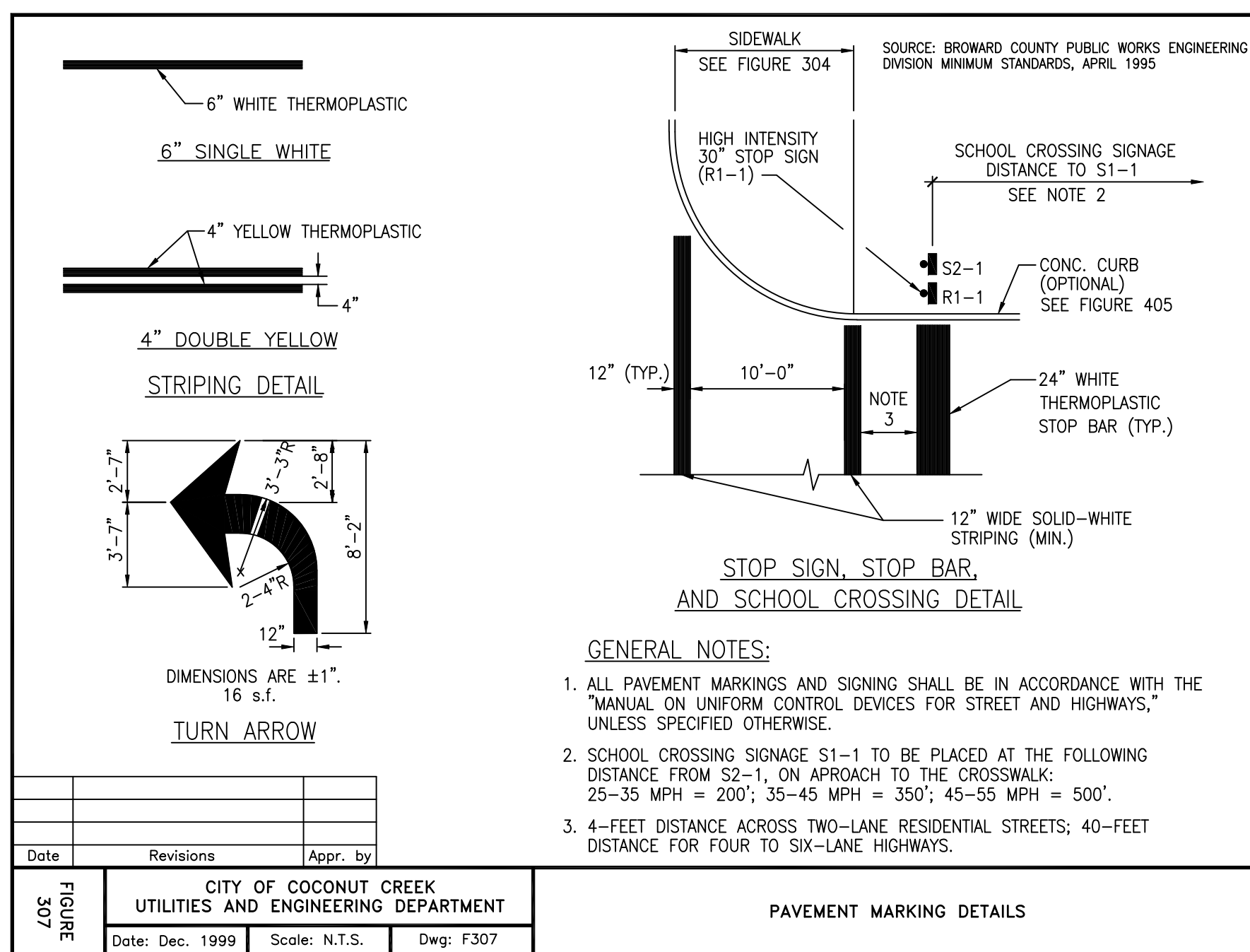
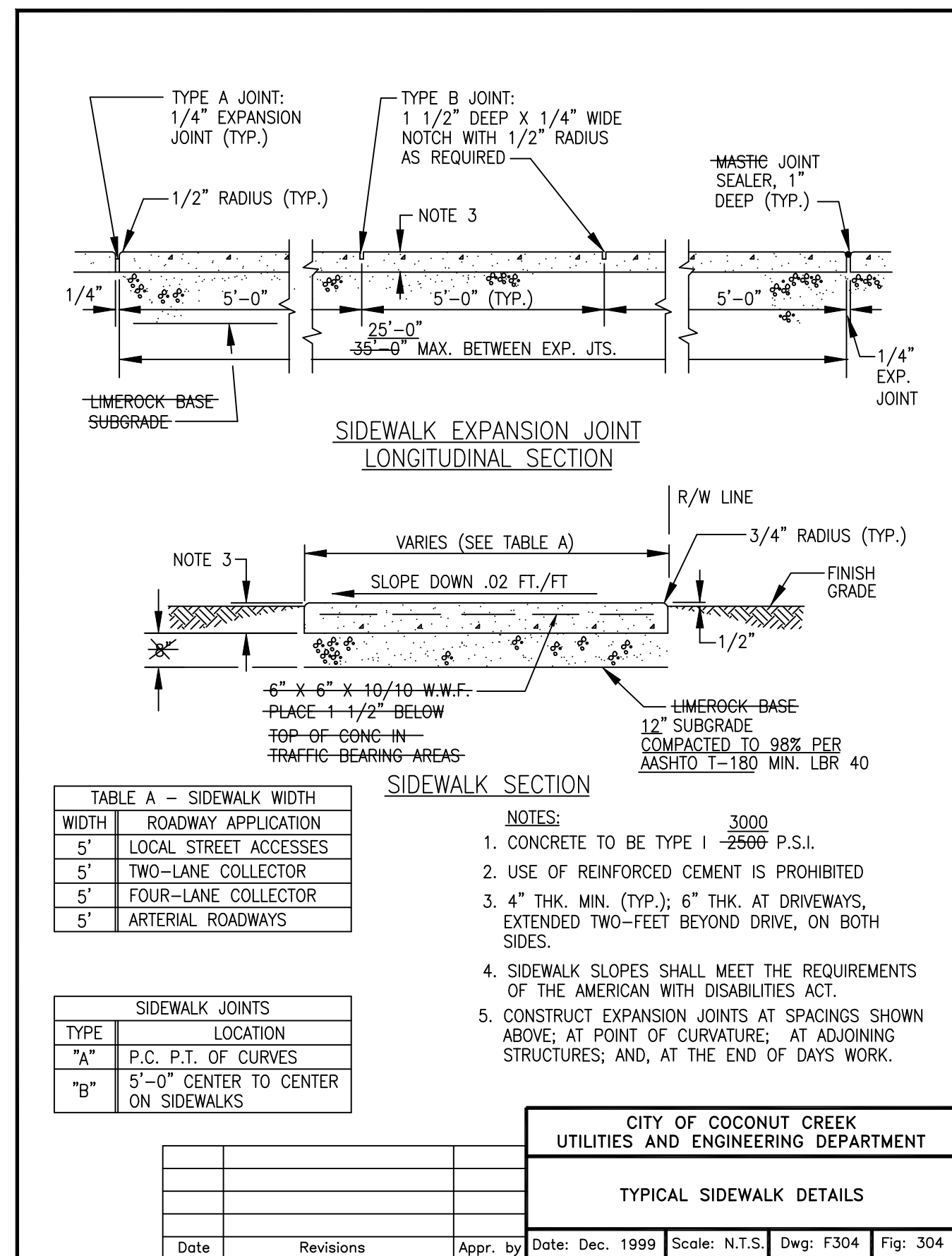


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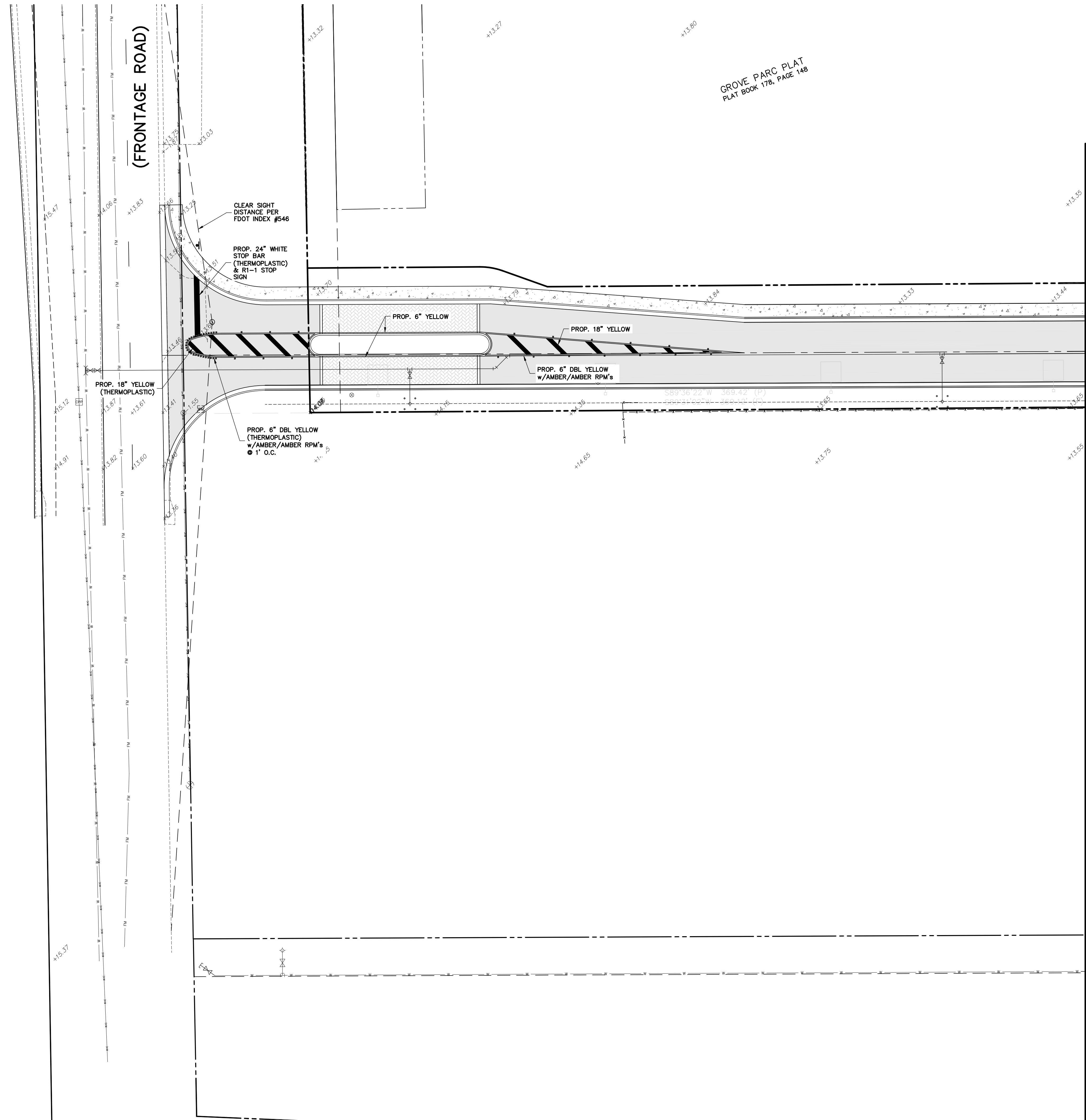
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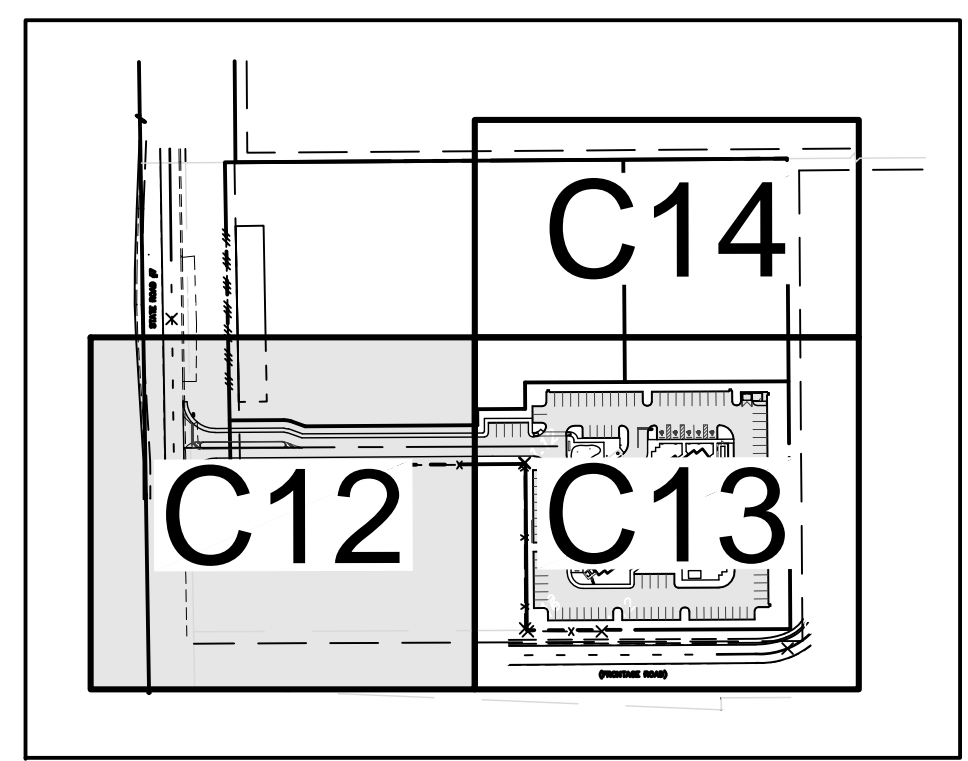
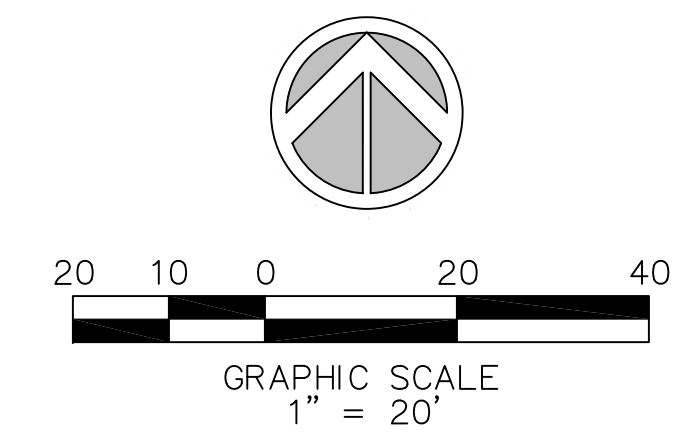
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**STATE ROAD #7**  
(200' R/W Per FDOT MAP 86100-2532)



MATCHLINE SEE SHEET C13 FOR CONTINUATION



**KEY MAP**

- NOTE:**
1. ALL PROPOSED ELEVATIONS ARE IN N.A.V.D.(88)
  2. ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
  3. ALL STRIPING WITHIN PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC AND ALL PAVEMENT MARKING & SIGNAGE SHALL MEET OR EXCEED THE MOST STRINGENT M.U.T.C.D. (LATEST EDITION), F.D.O.T., BROWARD COUNTY TRAFFIC ENGINEERING, AND/OR CITY OF COCONUT CREEK ENGINEERING STANDARDS.

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Ft. Lauderdale, FL 33311  
www.suntecheng.com

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anderson  
architecture, inc.

399 CAMINO GARDENS BLVD  
SUITE 302  
BOCA RATON, FLORIDA 33432  
V. 561.362.0220  
F. 561.362.0224  
www.andersonarchitecture.com

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Mar 08 2013  
CLIFFORD R. LOUTAN, P.E.  
FL. REG. NO. 56890

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A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
North State Road 7  
Coconut Creek, Florida

---

DATE	DESCRIPTION
06/05/12	DRC REVISIONS

---

revision: 12-032  
 drawn: ERIC ANDERSON  
 project manager: CH  
 file name: 3466pms.dwg  
 sheet: 04-30-12  
 title: PAVEMENT MARKING & SIGNAGE PLAN

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C12

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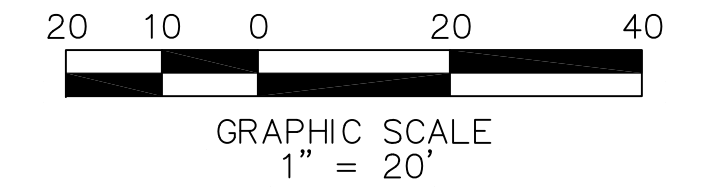
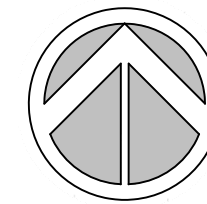
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MATCHLINE SEE SHEET C14 FOR CONTINUATION

GROVE PARC PLAT  
PLAT BOOK 178, PAGE 148

DRY RETENTION AREA  
BOTTOM EL.=10.50' N.A.V.D.  
±1.08 ACRES



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SUITE 302  
BOCA RATON, FLORIDA 33432  
V. 561.362.0220  
F. 561.362.0224  
www.andersonarchitecture.com

consultant:

Mar 08 2013  
CLIFFORD R. LOUTAN, P.E.  
FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**

North State Road 7  
Coconut Creek, Florida

revision:

DRC REVISIONS

date:

06/05/12

description:

11-033

project manager:

CH

file name:

3466pms.dwg

sheet:

04-30-12

title:

PAVEMENT

MARKING

& SIGNAGE

PLAN

sheet:

C13

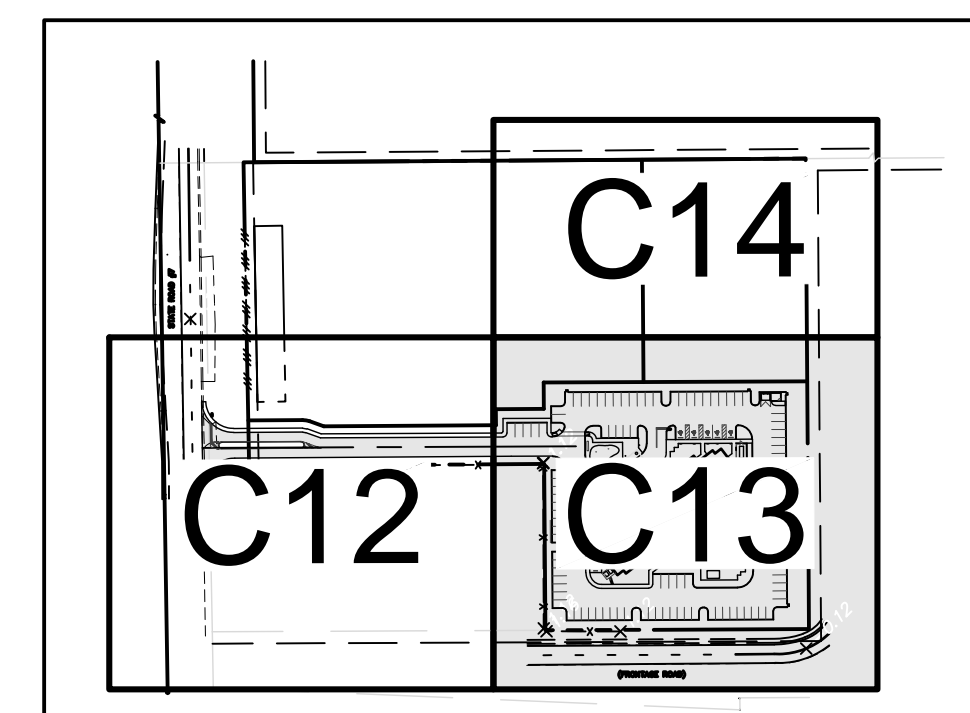
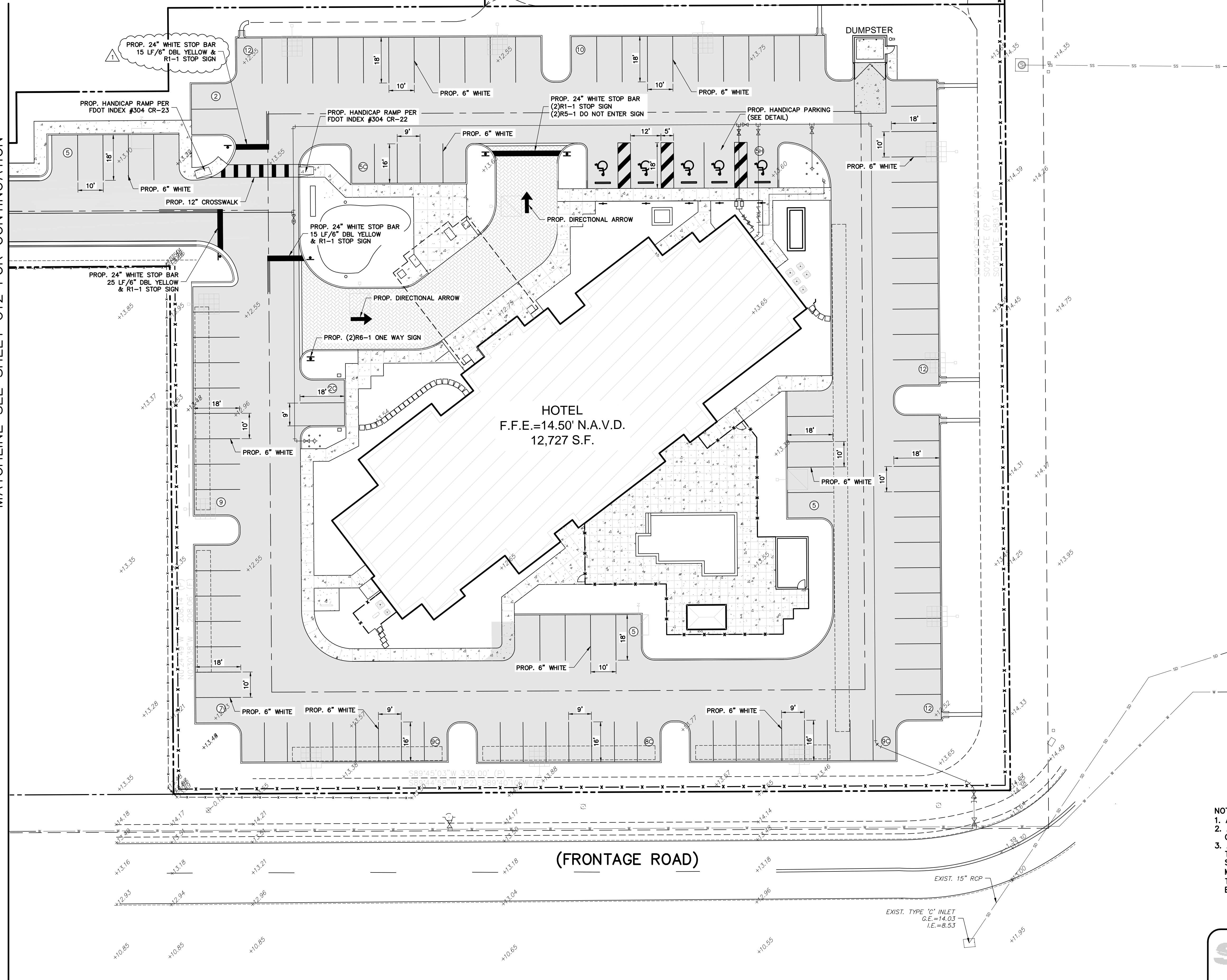
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MATCHLINE SEE SHEET C12 FOR CONTINUATION



KEY MAP

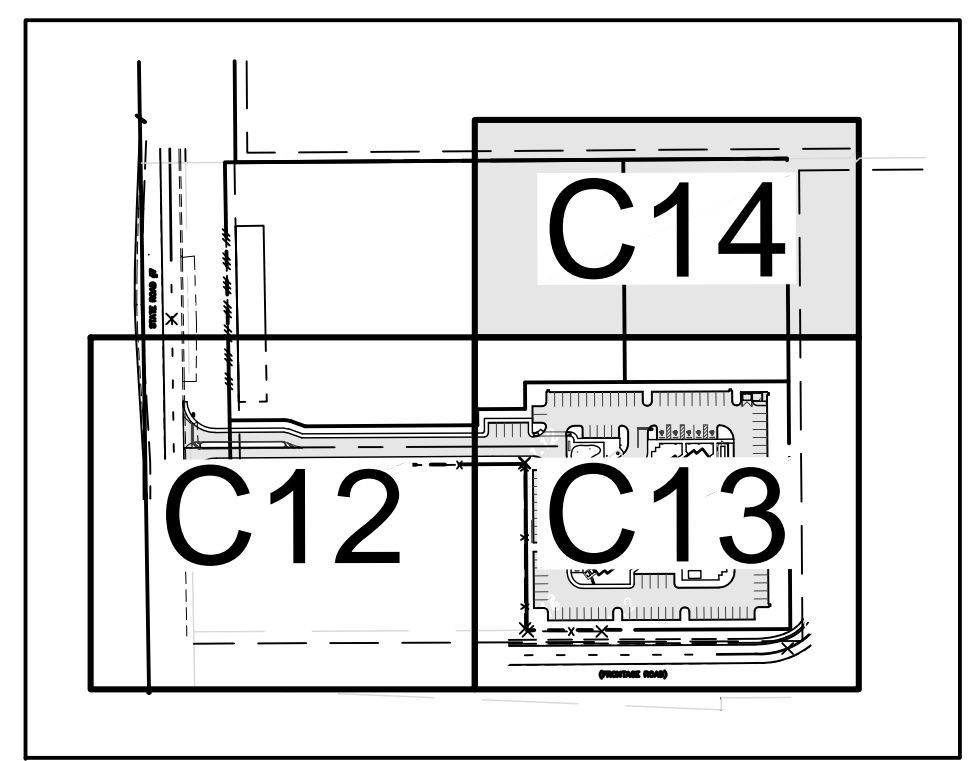
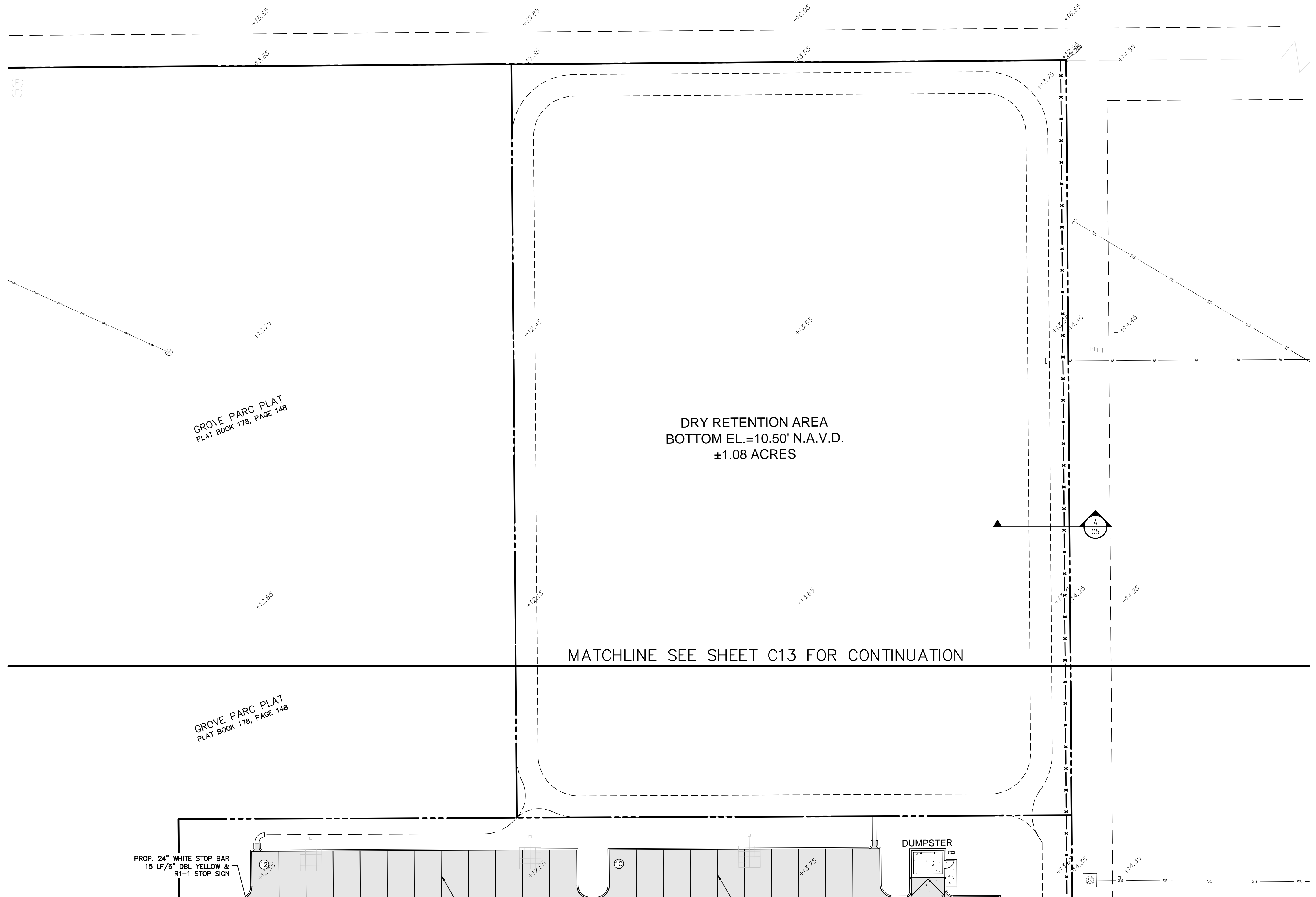
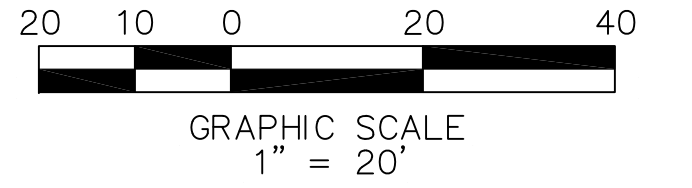
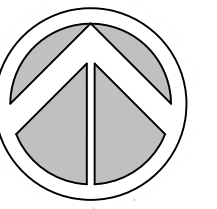
- NOTE:
1. ALL PROPOSED ELEVATIONS ARE IN N.A.V.D.(88)
  2. ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
  3. ALL STRIPING WITHIN PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC AND ALL PAVEMENT MARKING & SIGNAGE SHALL MEET OR EXCEED THE MOST STRINGENT M.U.T.C.D. (LATEST EDITION), F.D.O.T., BROWARD COUNTY TRAFFIC ENGINEERING, AND/OR CITY OF COCONUT CREEK ENGINEERING STANDARDS.

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Fax (954)777-3114

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KEY MAP

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Mar 08 2013  
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A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
North State Road 7  
Coconut Creek, Florida

revision	description	date
06/05/12	DRC REVISIONS	

sheet name	11-033
project name	1510_C14_C15_P301
project manager	CH
file name	3466pms.dwg
date	04-30-12
title	PAVEMENT MARKING & SIGNAGE PLAN

C14

AA C001997

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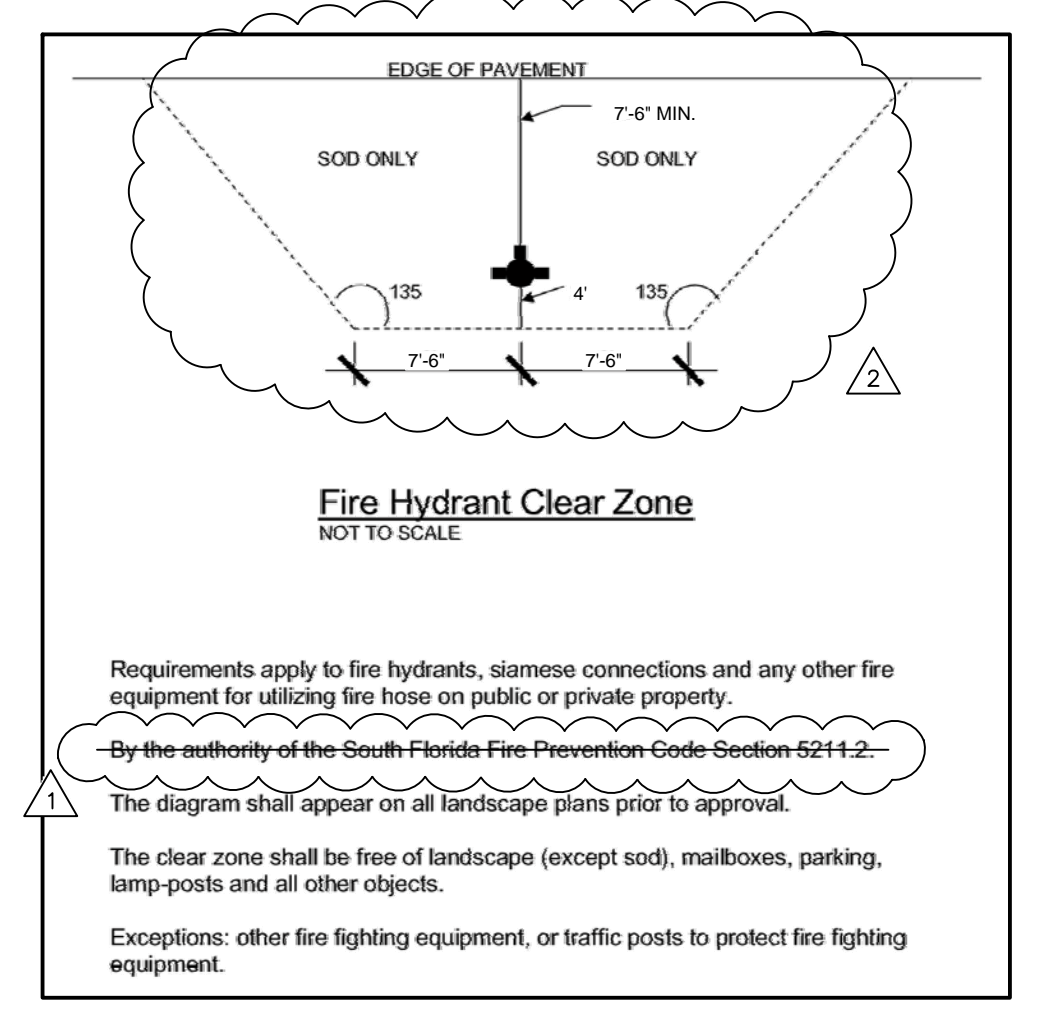
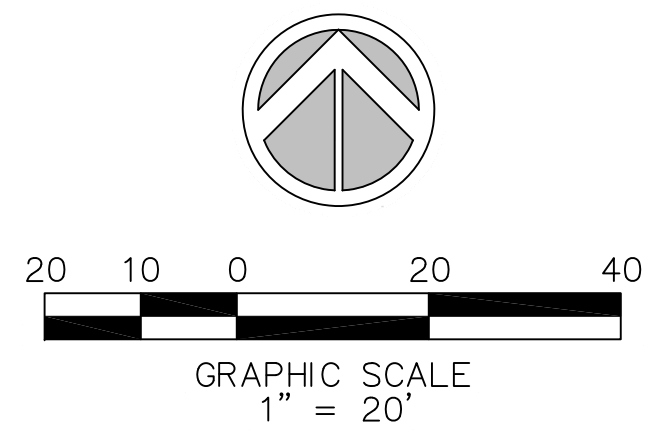
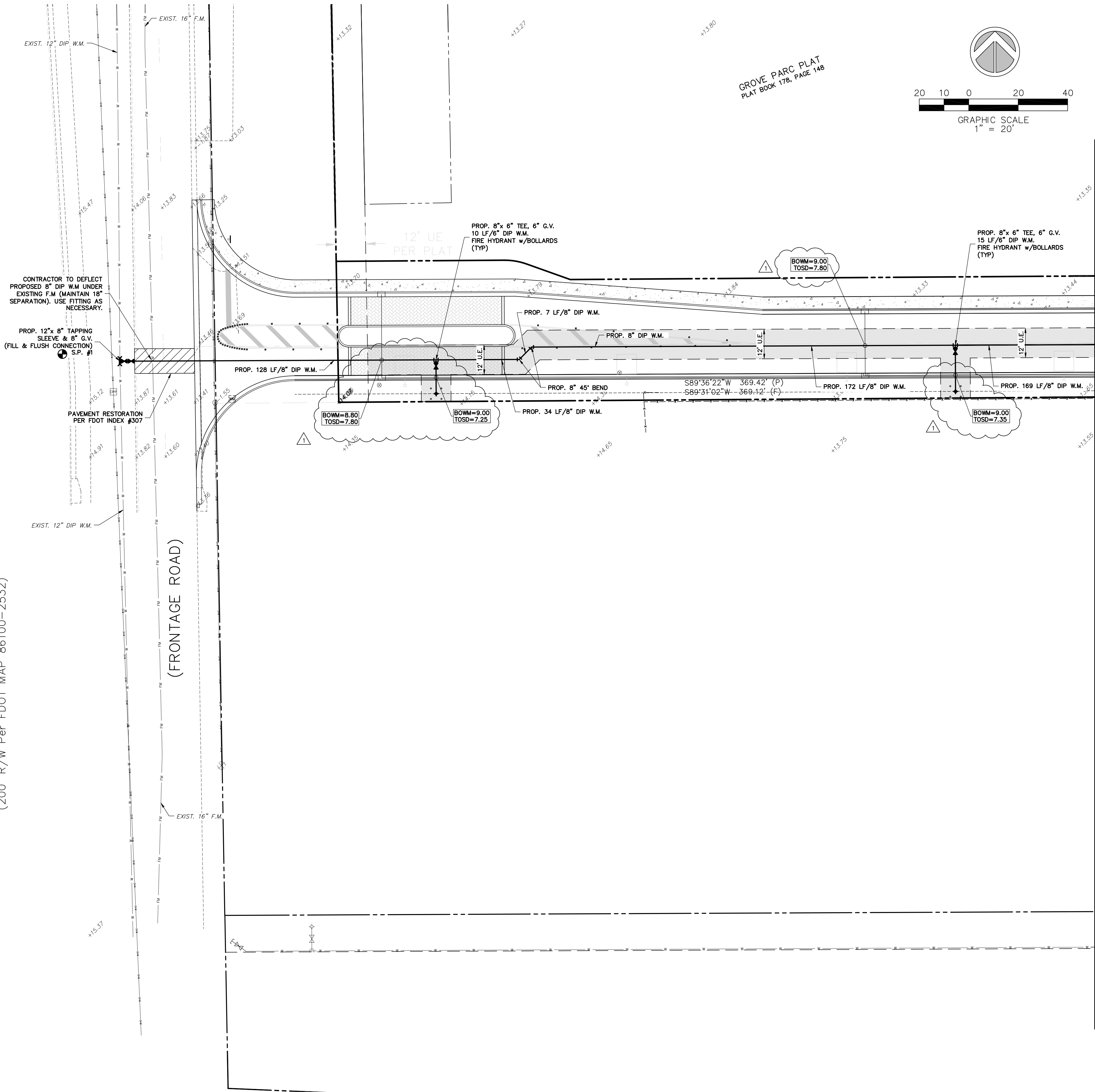
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K:\PROJECTS\12\12346\12346.dwg, C:\11\_302013 9:52:28 AM, 11\_302013 9:52:28 AM, 11\_302013 9:52:28 AM, Sun-Tech Engineering, Inc. (AEV), Sun-Tech Engineering, Inc. (AEV)



STATE ROAD #7  
(200' R/W Per FDOT MAP 86100-2532)

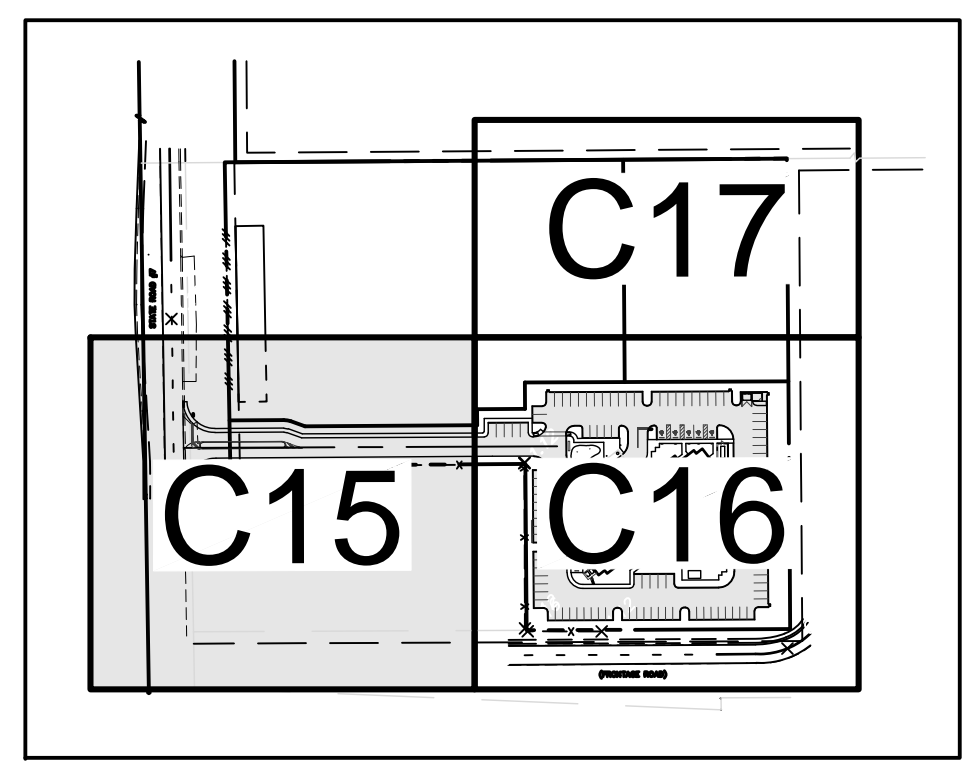


**DEFP STANDARD WATER AND SEWER SEPARATION NOTES:**

NEW OR RELOCATED, UNDERGROUND WATER MAINS WILL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE TREATMENT AND DISPOSAL SYSTEM."

NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE, AND NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE.

AT THE UTILITY CROSSINGS DESCRIBE IN PART 11.C.1.W OF DEP FORM 62-555-900(7), ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY-OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.



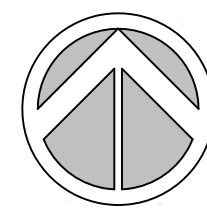
**KEY MAP**

- NOTE:**
- NO VALVES, METERS, FIRE HYDRANTS, CLEANOUTS, OR OTHER UTILITY APPURTENANCES ARE TO BE PLACED IN, OR ADJACENT TO, SIDEWALKS, CURBS, PARKING SPACES OR OTHER SUCH SITE FEATURES SO AS TO PRESENT A HAZARD OR RESTRICT THE MAINTENANCE OR OPERATION OF THE UTILITY INFRASTRUCTURE.
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  - ALL SANITARY SEWER MAINS SHALL BE 8" PVC SDR-26 OR APPROVED EQUAL.
  - ALL CLEANOUTS SHALL BE USF 7635 SEWER VALVE & COVER SERIES (SEE SHEET C22).

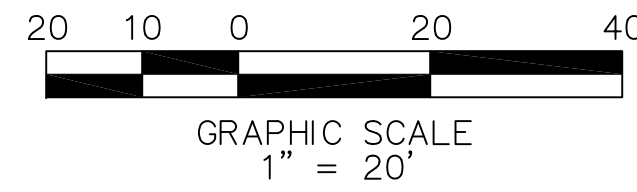
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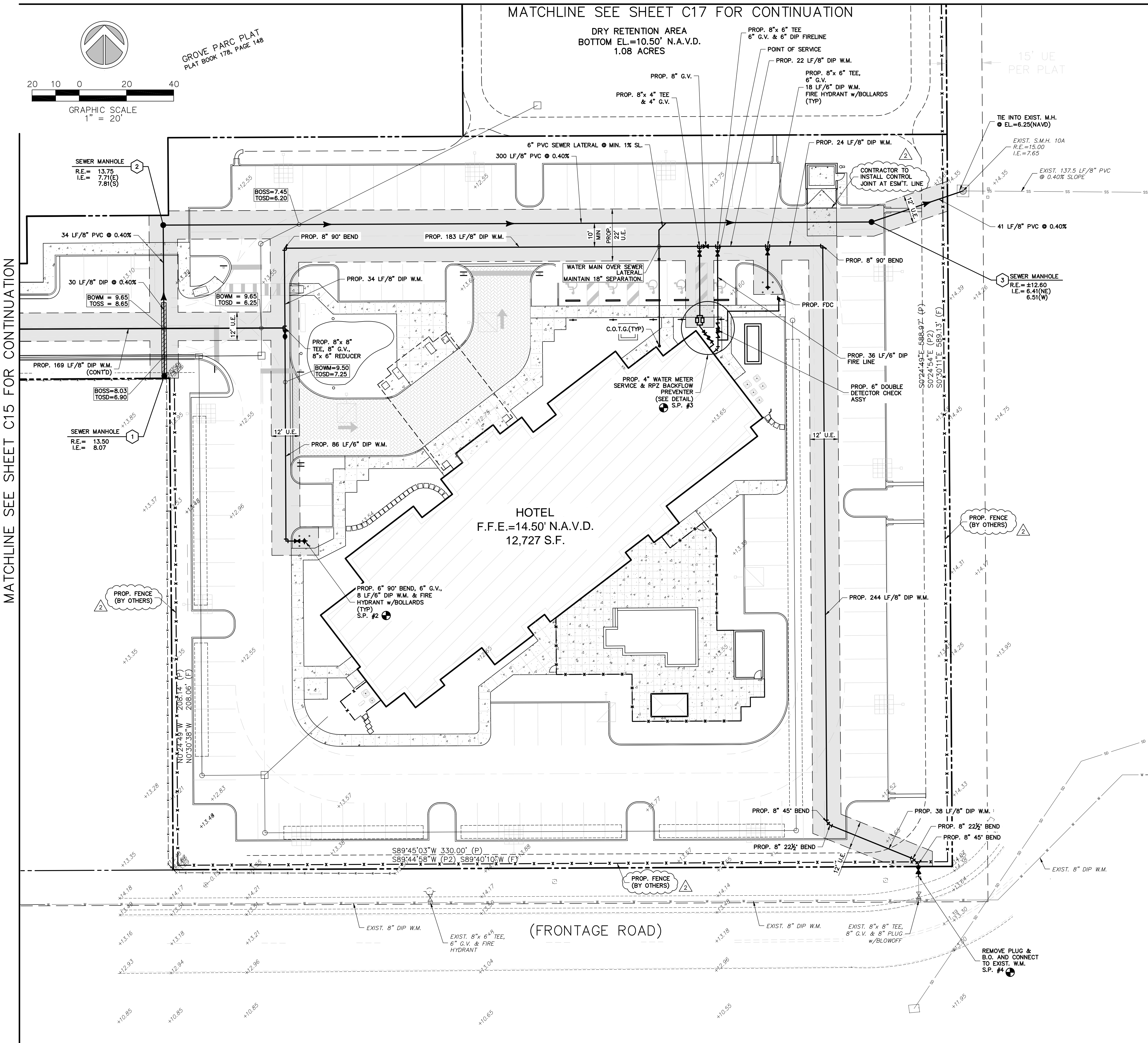


GROVE PARC PLAT  
PLAT BOOK 178, PAGE 148

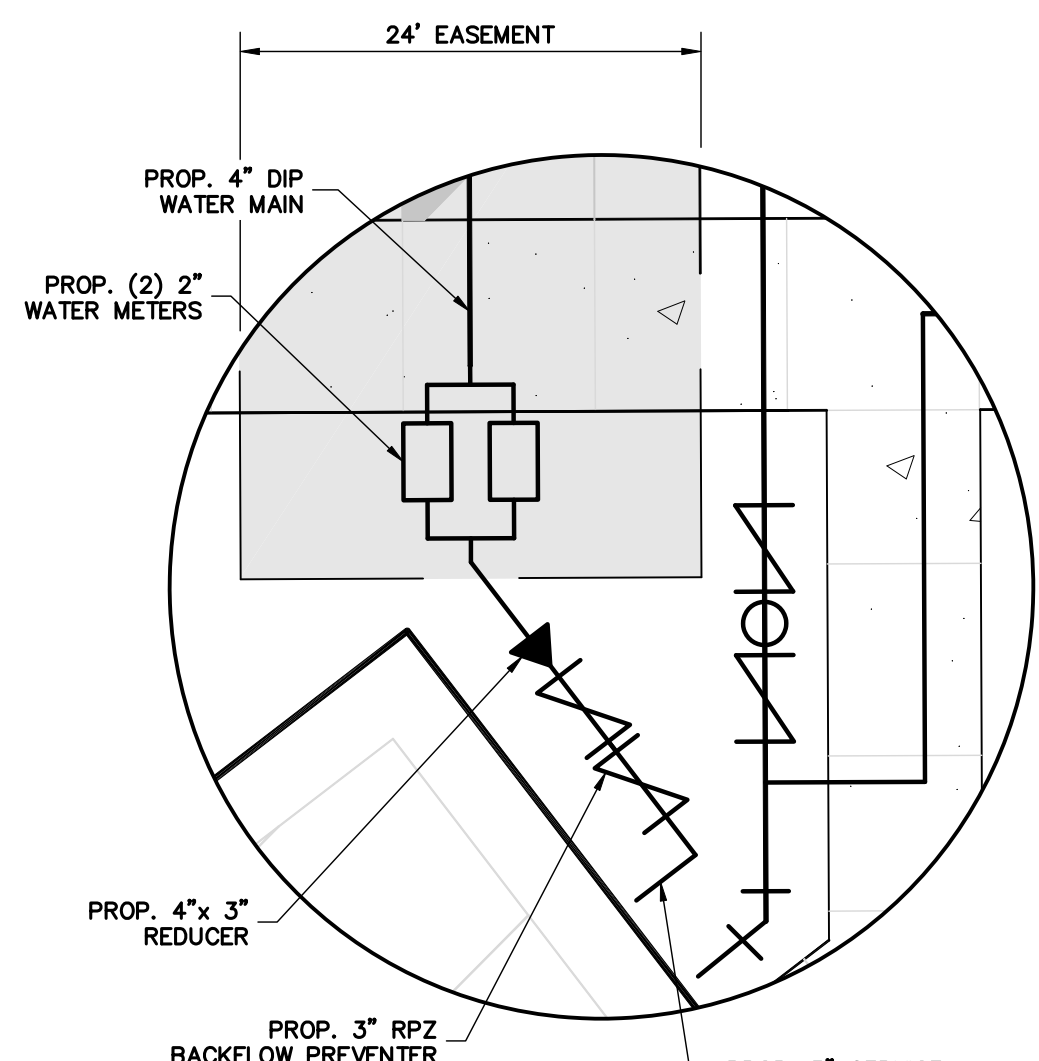


MATCHLINE SEE SHEET C17 FOR CONTINUATION

DRY RETENTION AREA  
BOTTOM EL.=10.50' N.A.V.D.  
1.08 ACRES



MATCHLINE SEE SHEET C15 FOR CONTINUATION



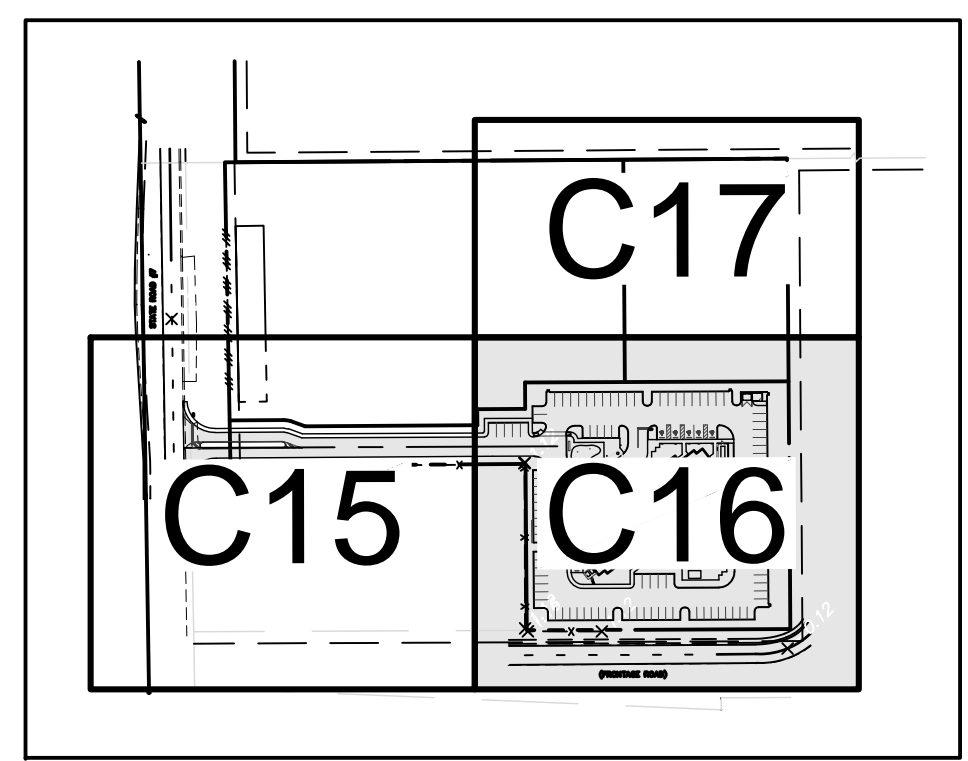
4" WATER METER SERVICE DETAIL

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KEY MAP

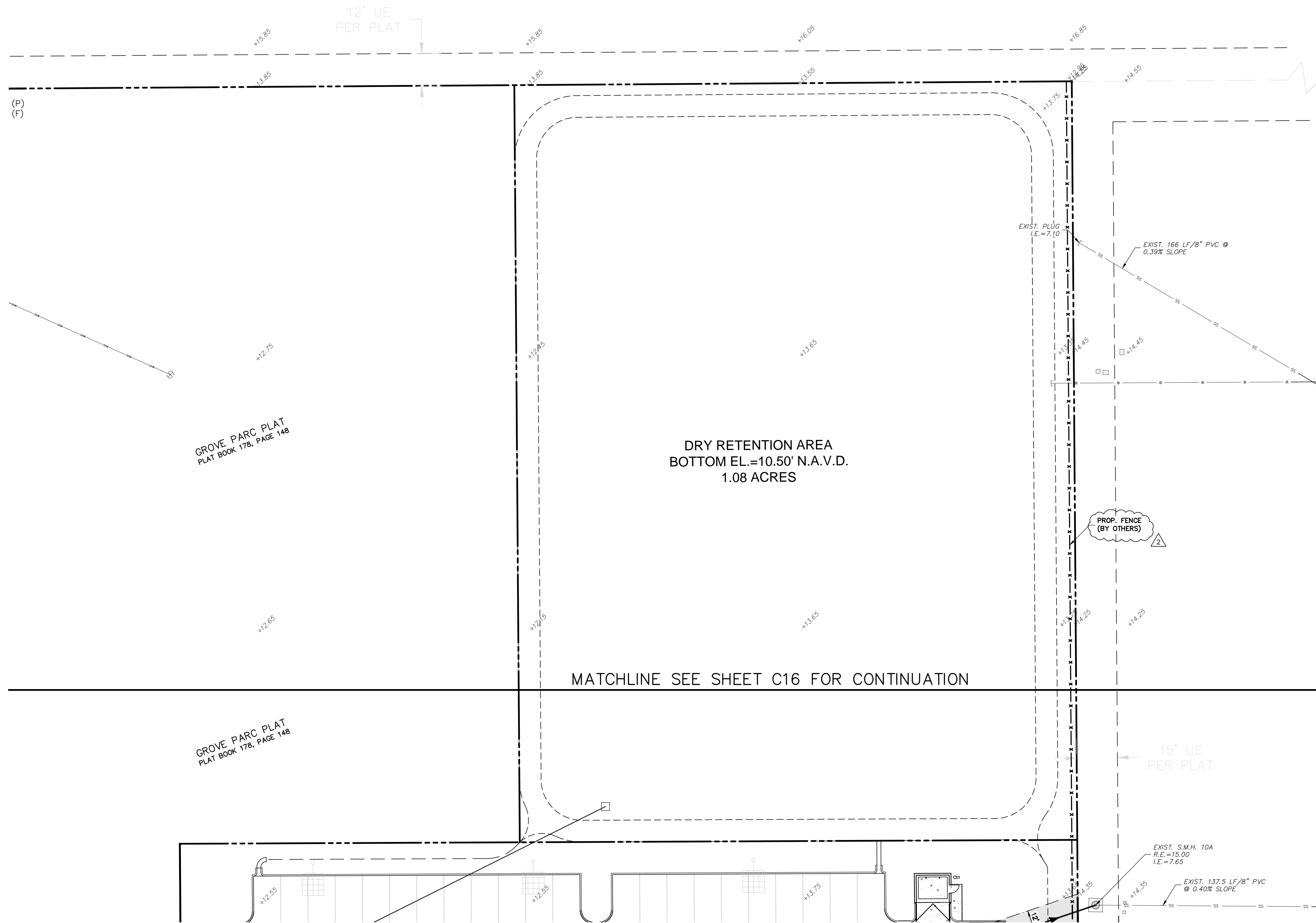
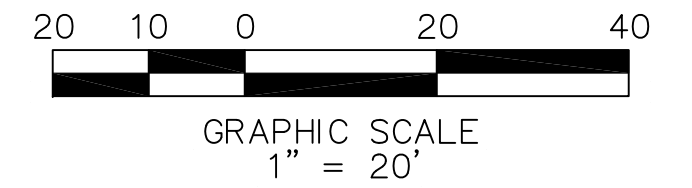
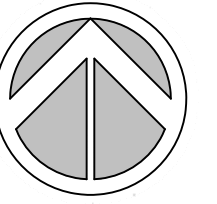
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DATE	06/05/12	DESCRIPTION	DRC REVISIONS - ROUND 2
DATE	02/13/13	DESCRIPTION	DRC REVISIONS - ROUND 2

PROJECT NO.	12-032
PROJECT NAME	COCONUT CREEK HOTEL
PROJECT MANAGER	CH
FILE NAME	3466ws.dwg
DATE	04-30-12

WATER AND SEWER PLAN

C16

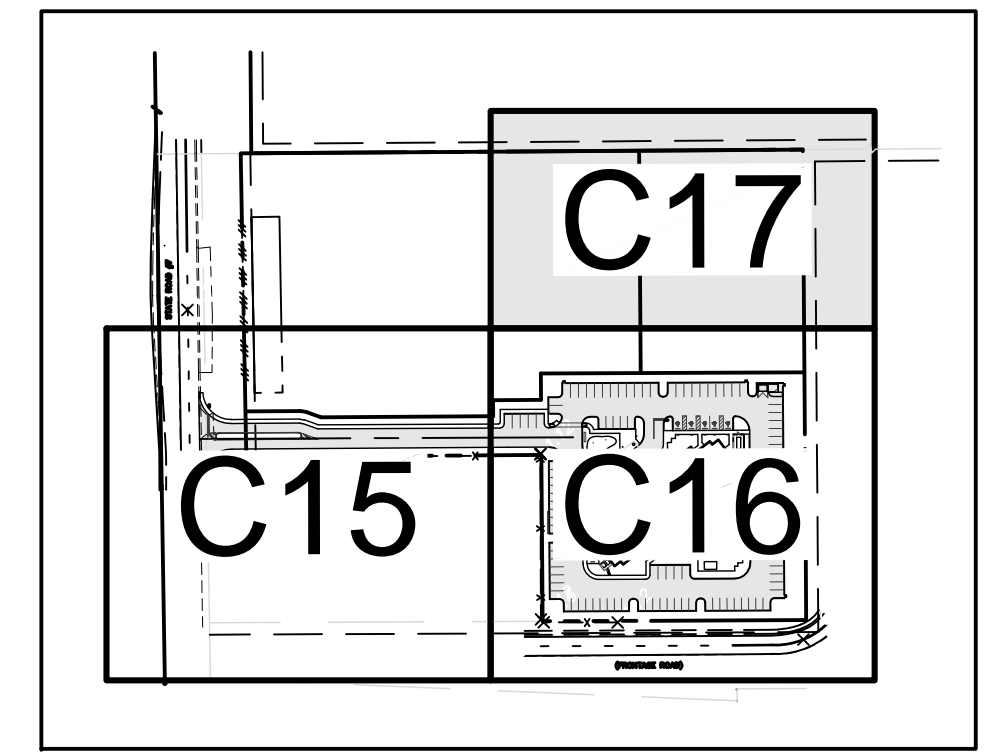


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**KEY MAP**

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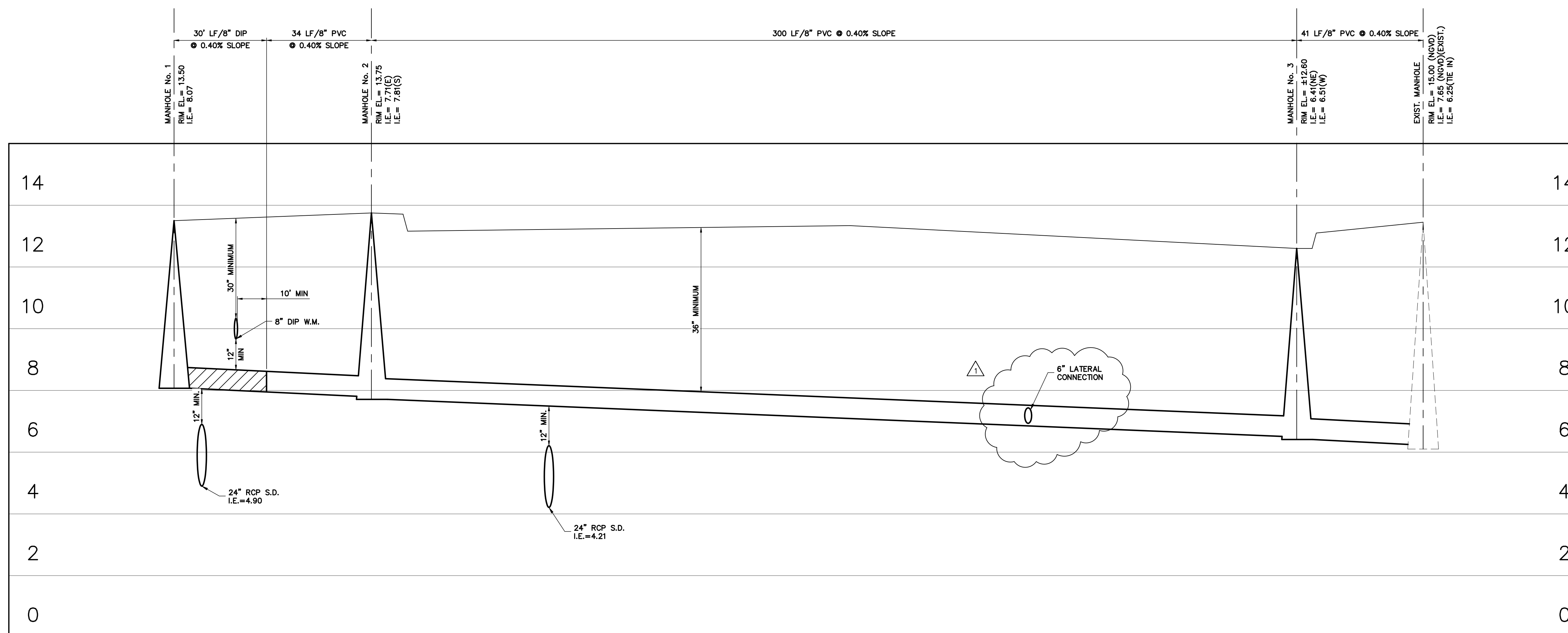
DATE	DESCRIPTION
06/05/12	DRC REVISIONS

revision:	11-033
drawn:	ERIC ANDERSON
project manager:	CH
file name:	3466ssp.dwg
plot:	04-30-12

SEWER  
PROFILES  
PLAN

C18

AA C001997



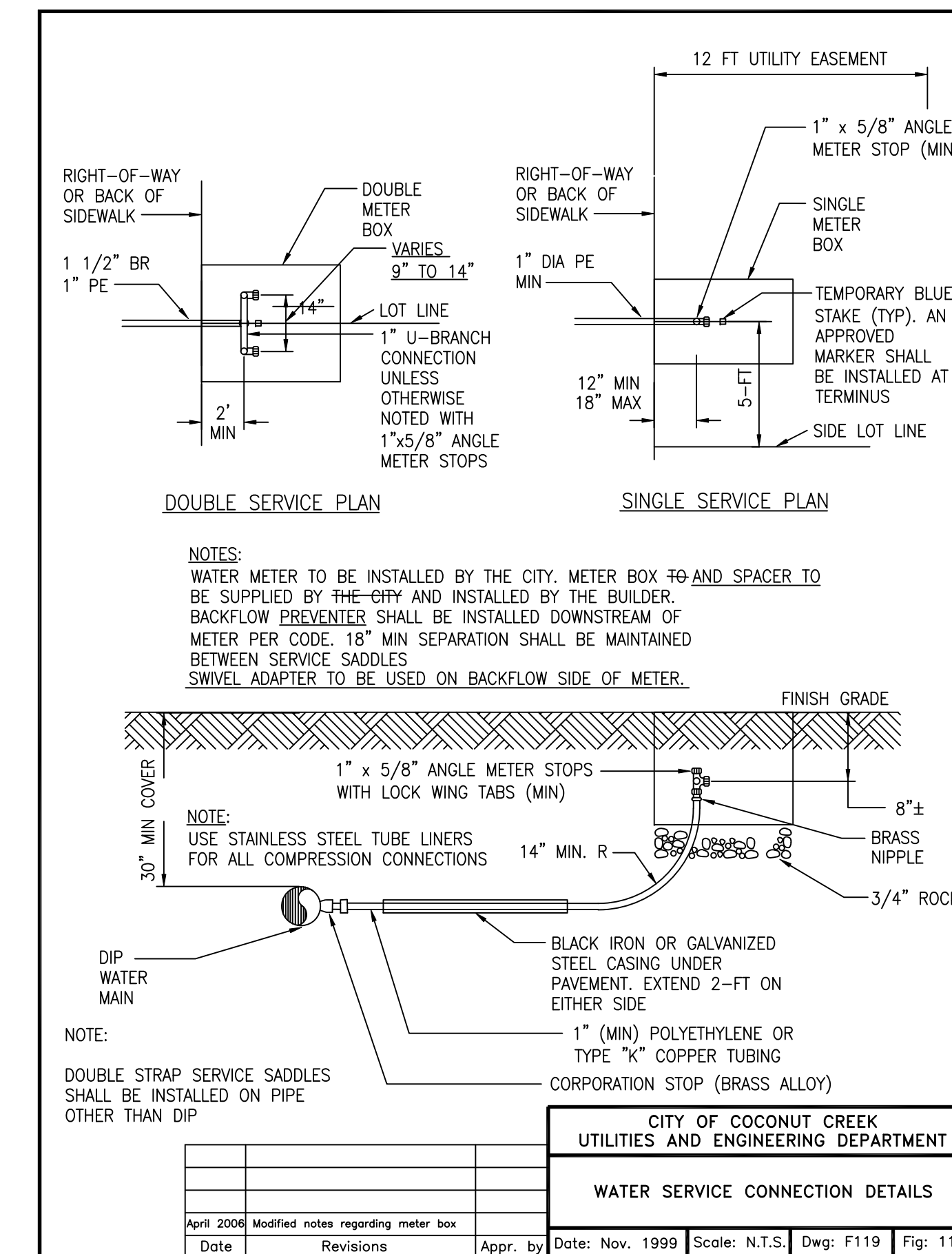
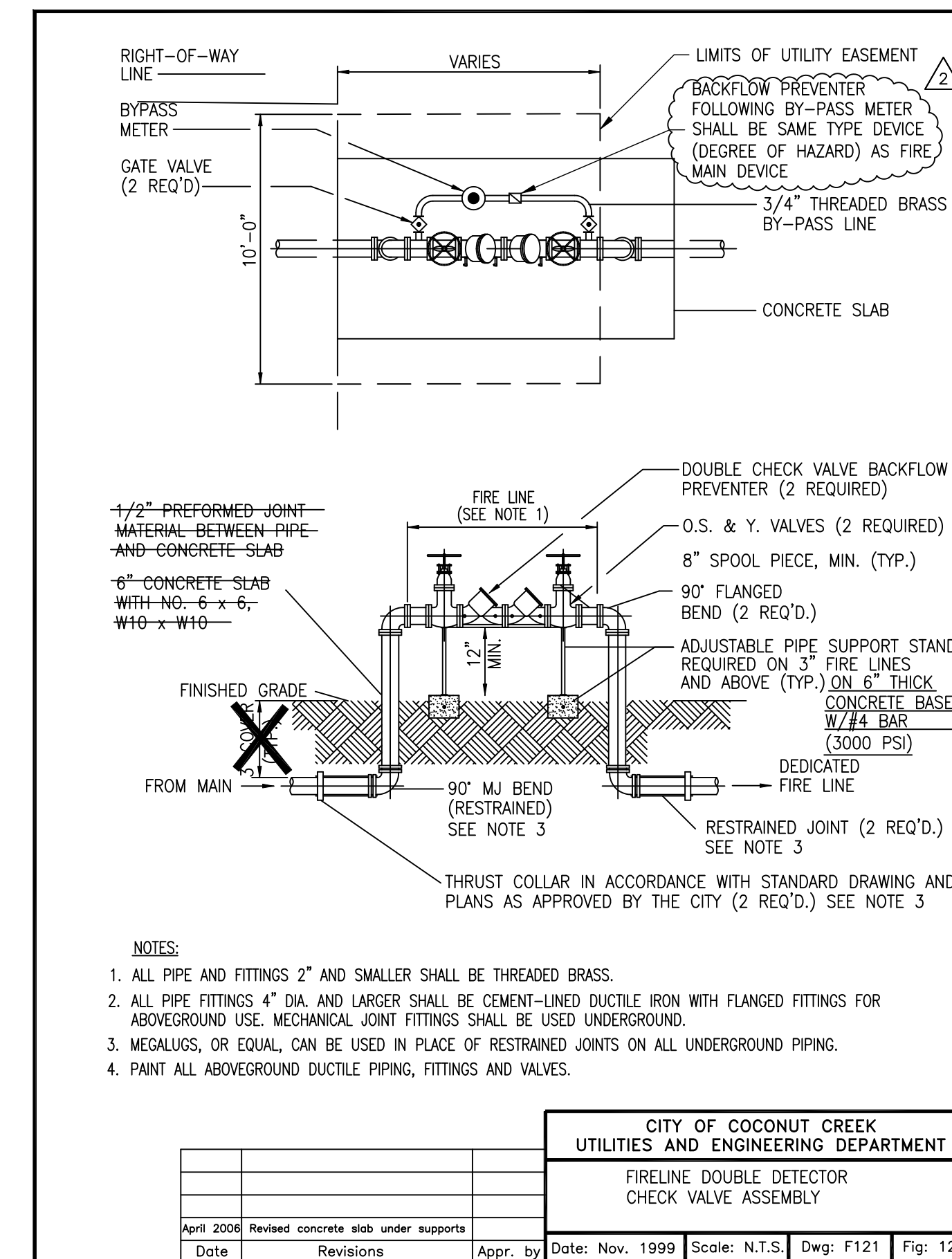
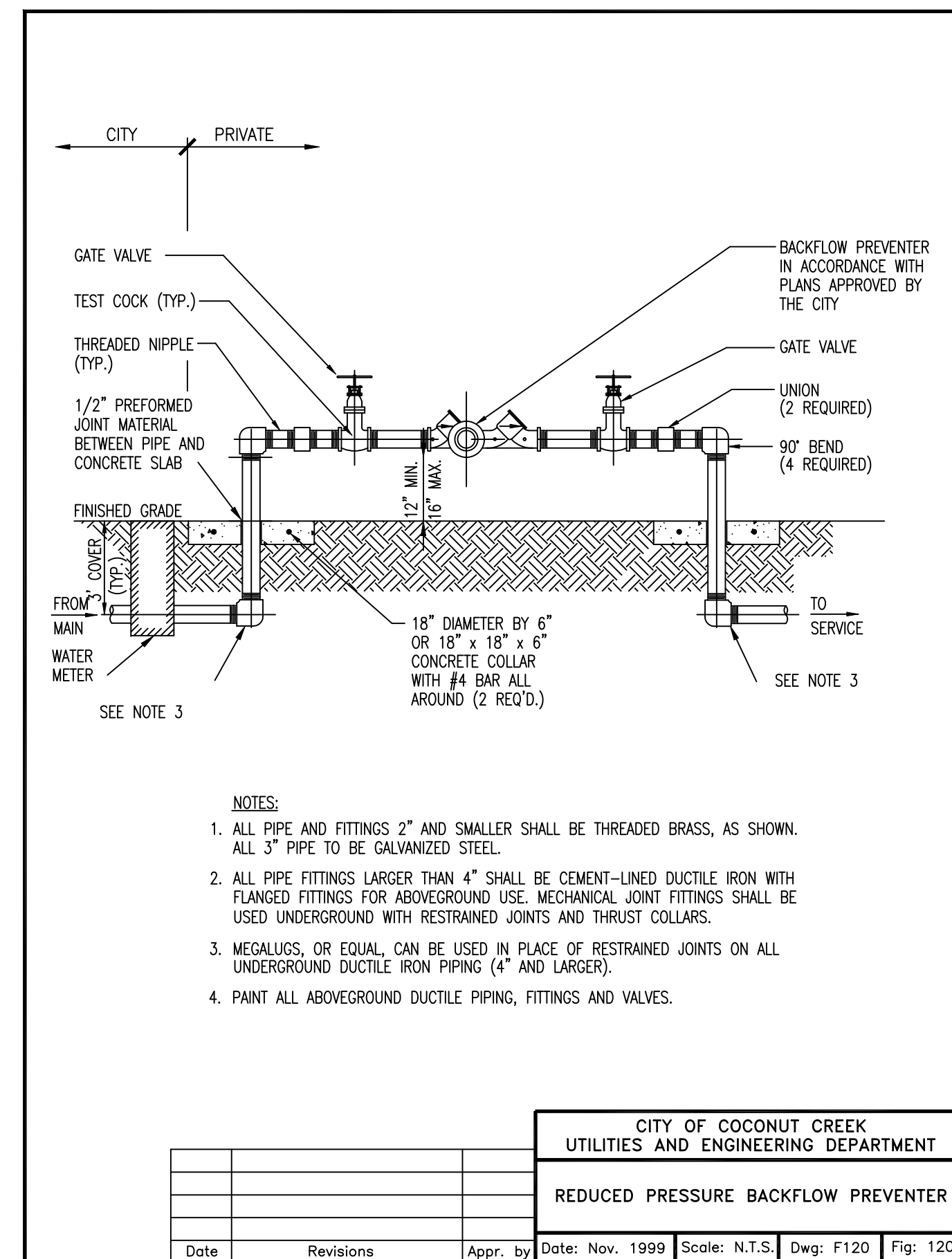
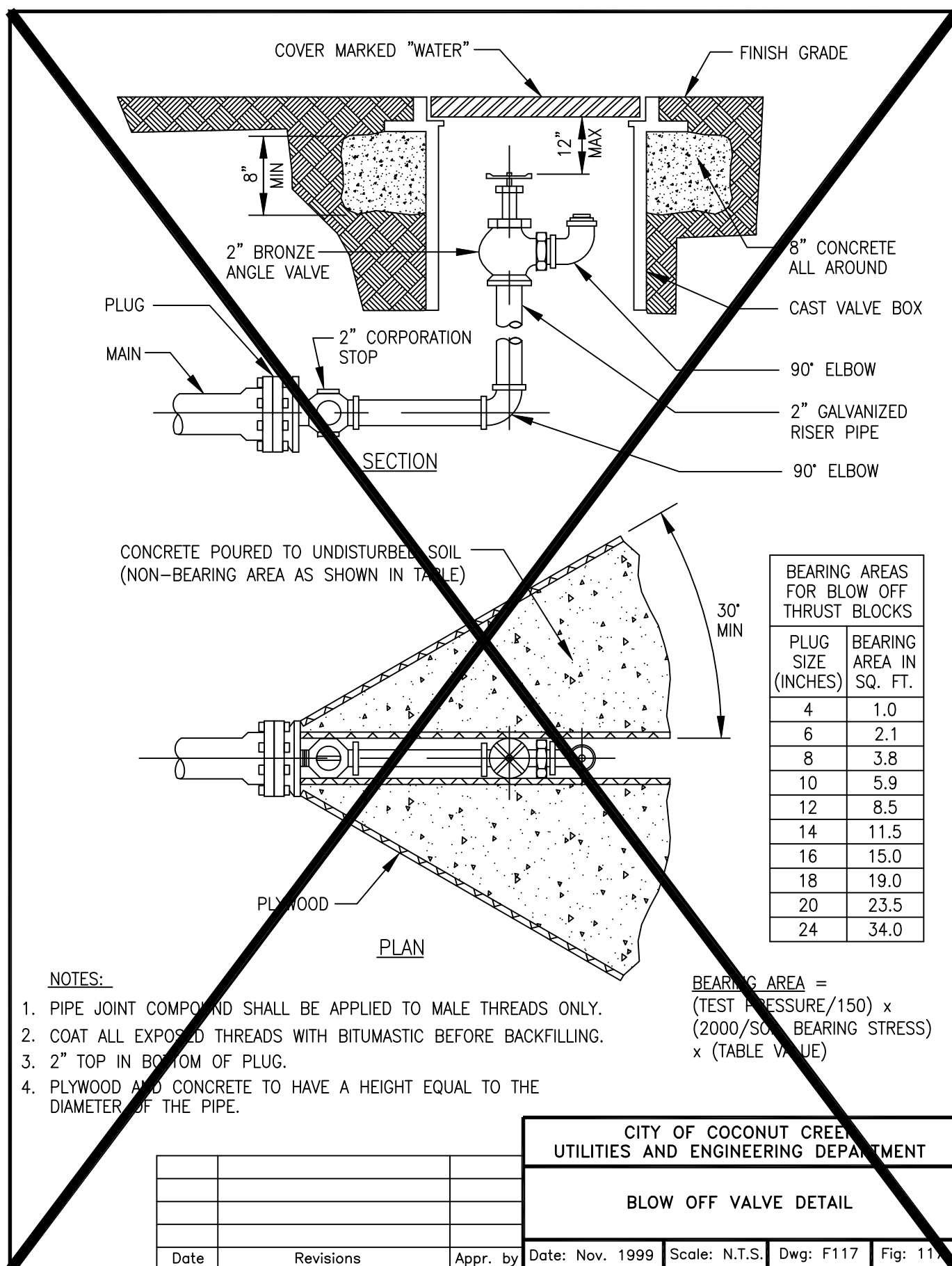
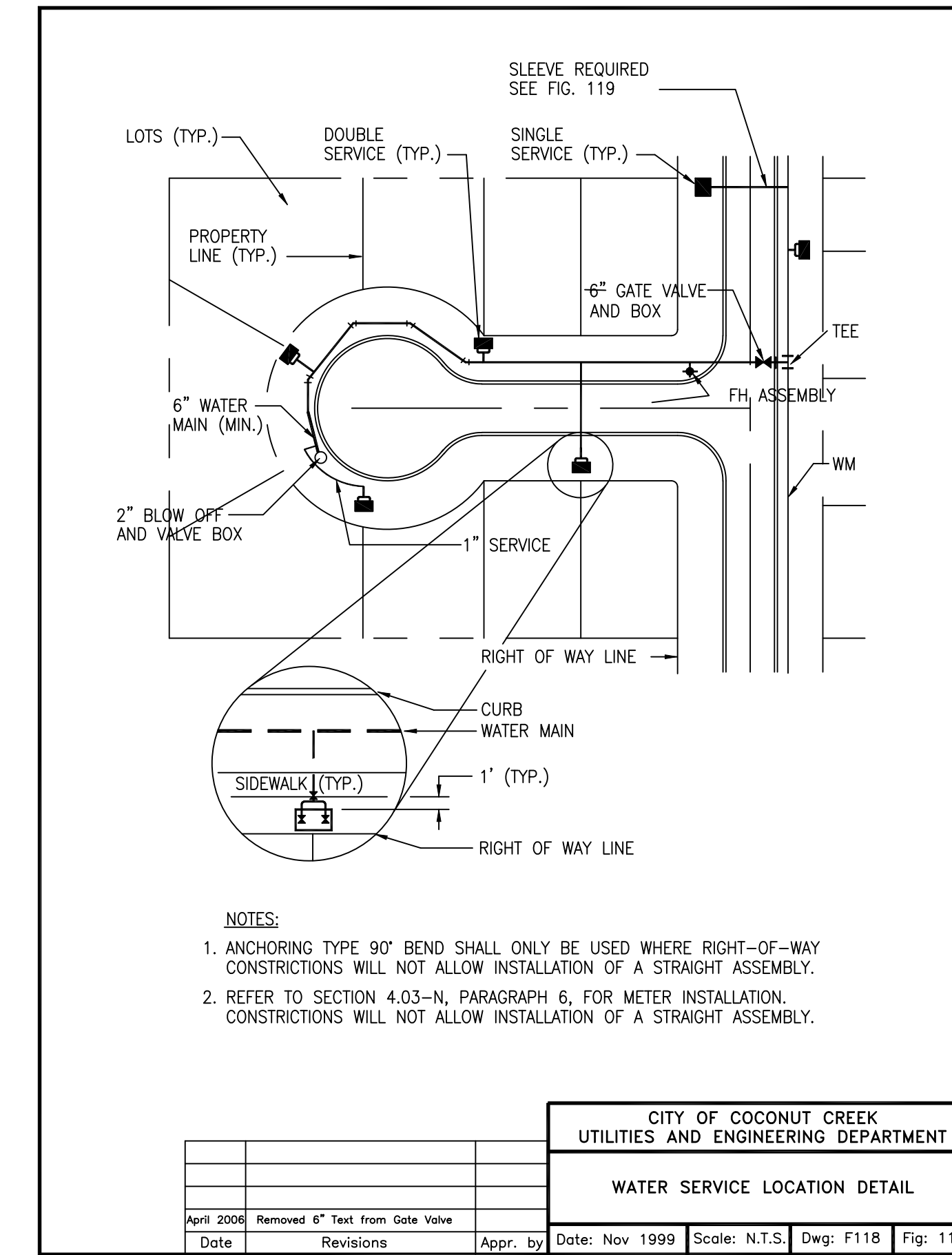
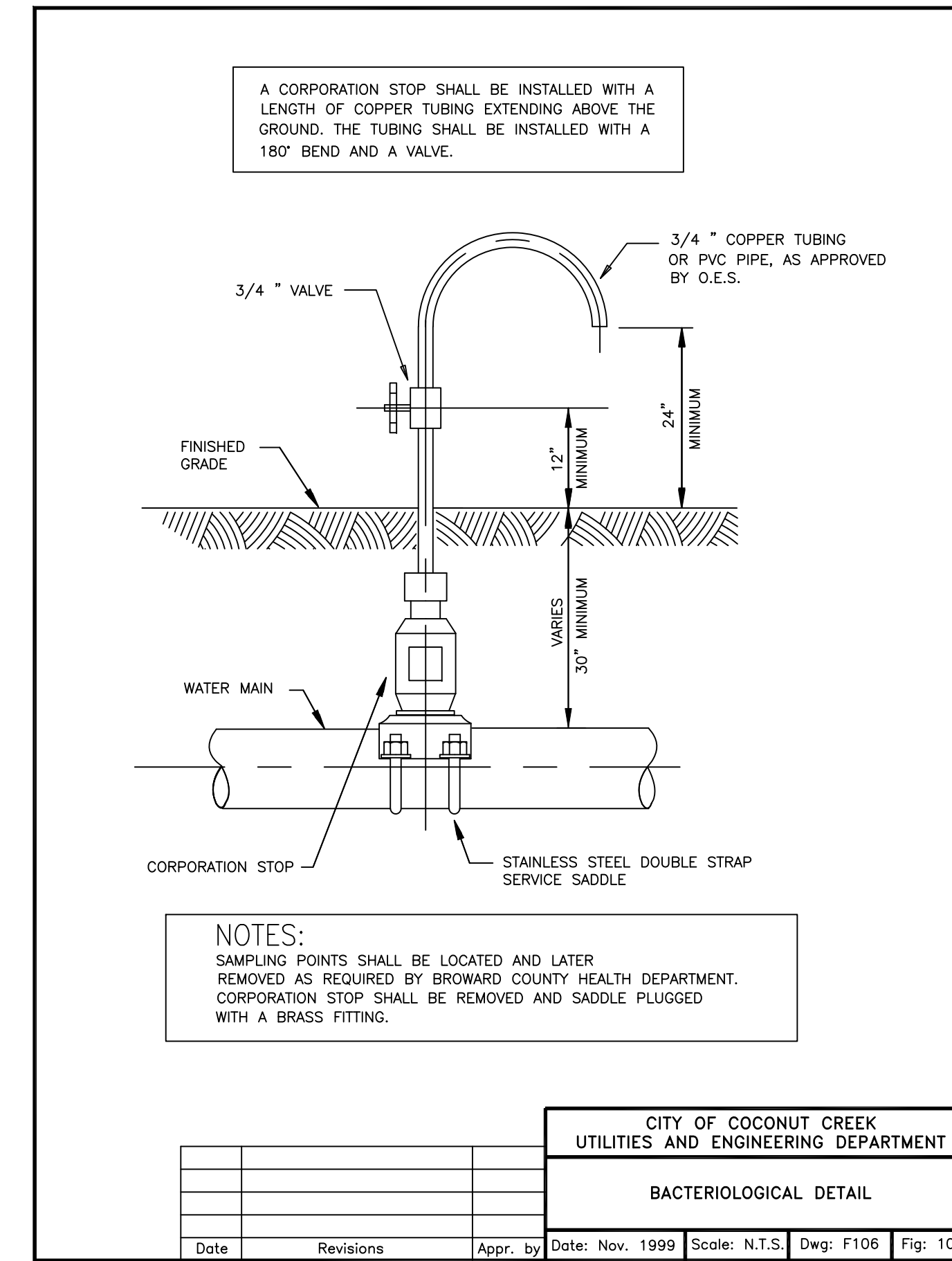
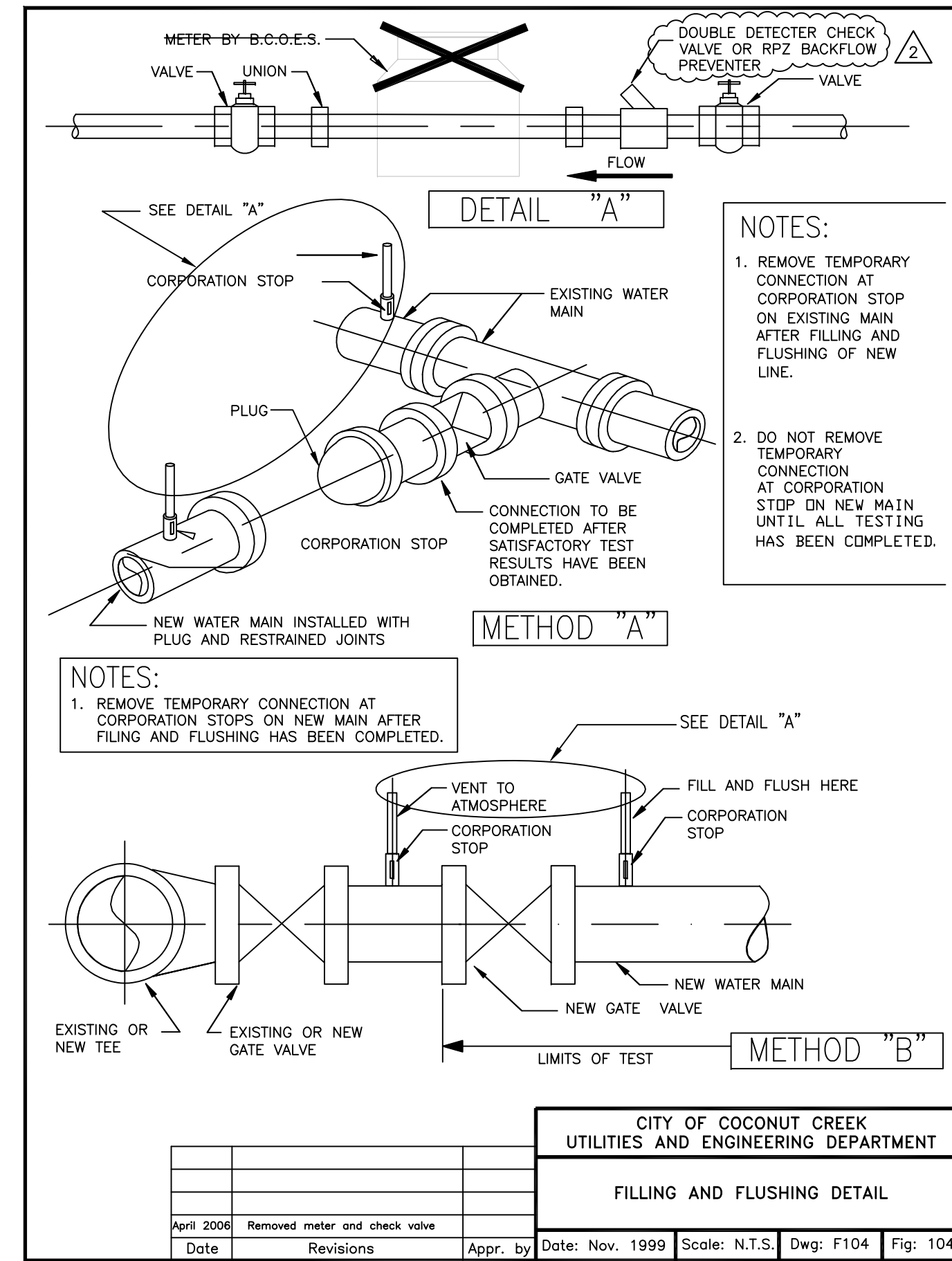
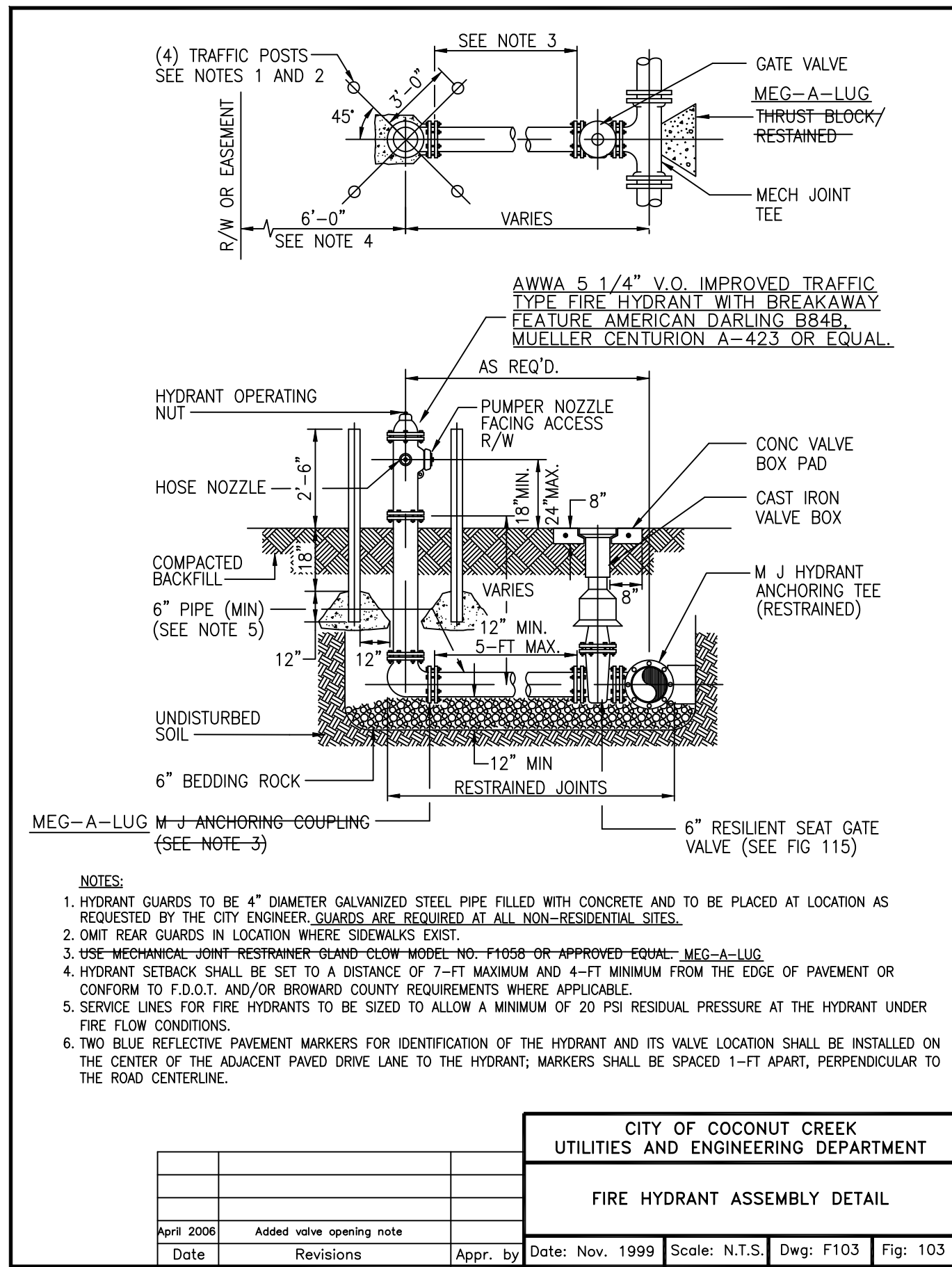
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N.G.V.D. - 1.55' = N.A.V.D.(88)

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anderson architecture, inc.

3700 CAMINO GARDENS BLVD  
SUITE 302  
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V. 561.362.0200  
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Mar 08 2013  
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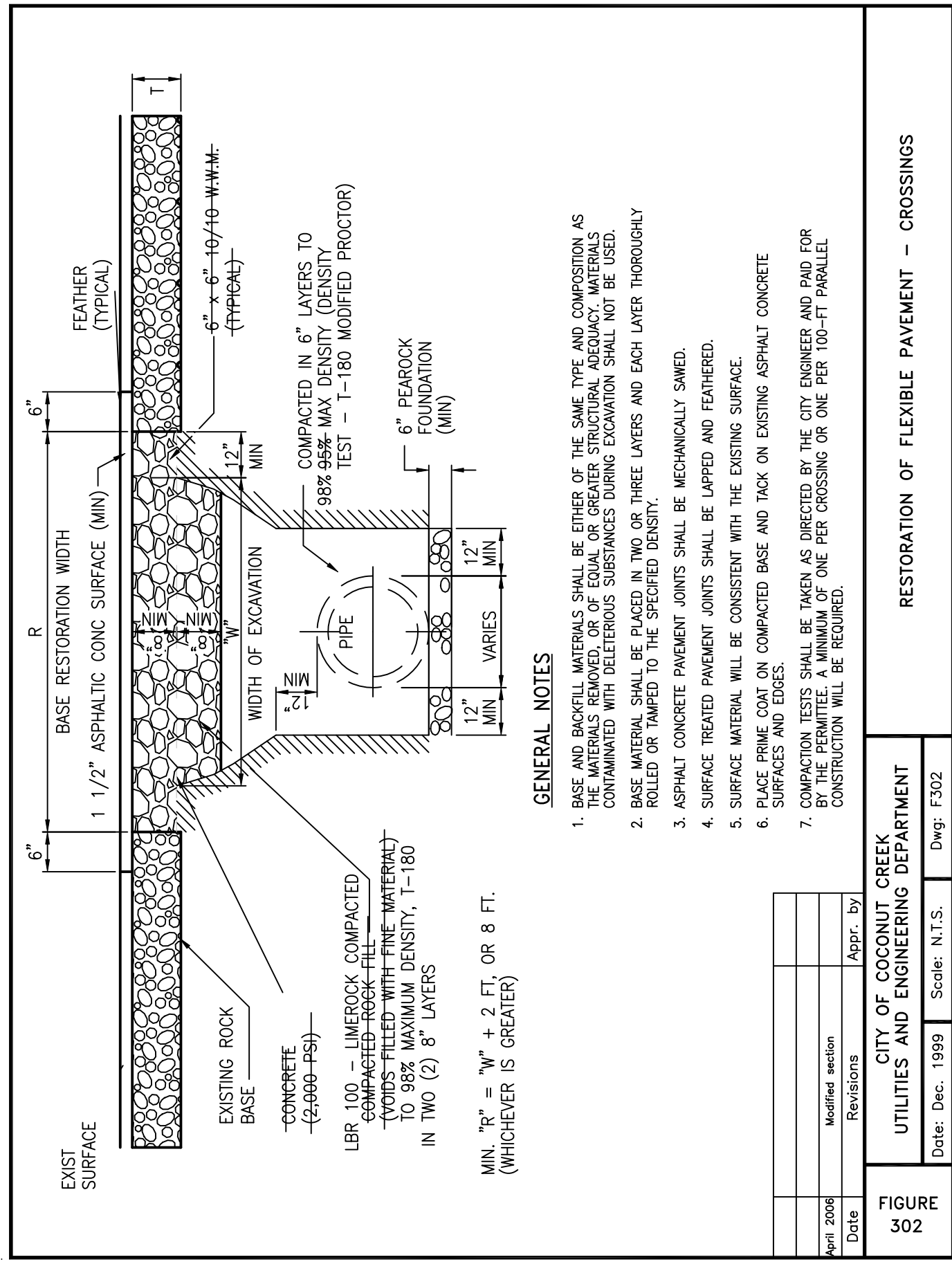
3466wsdt.dwg  
04-30-12  
WATER AND SEWER DETAILS  
C19

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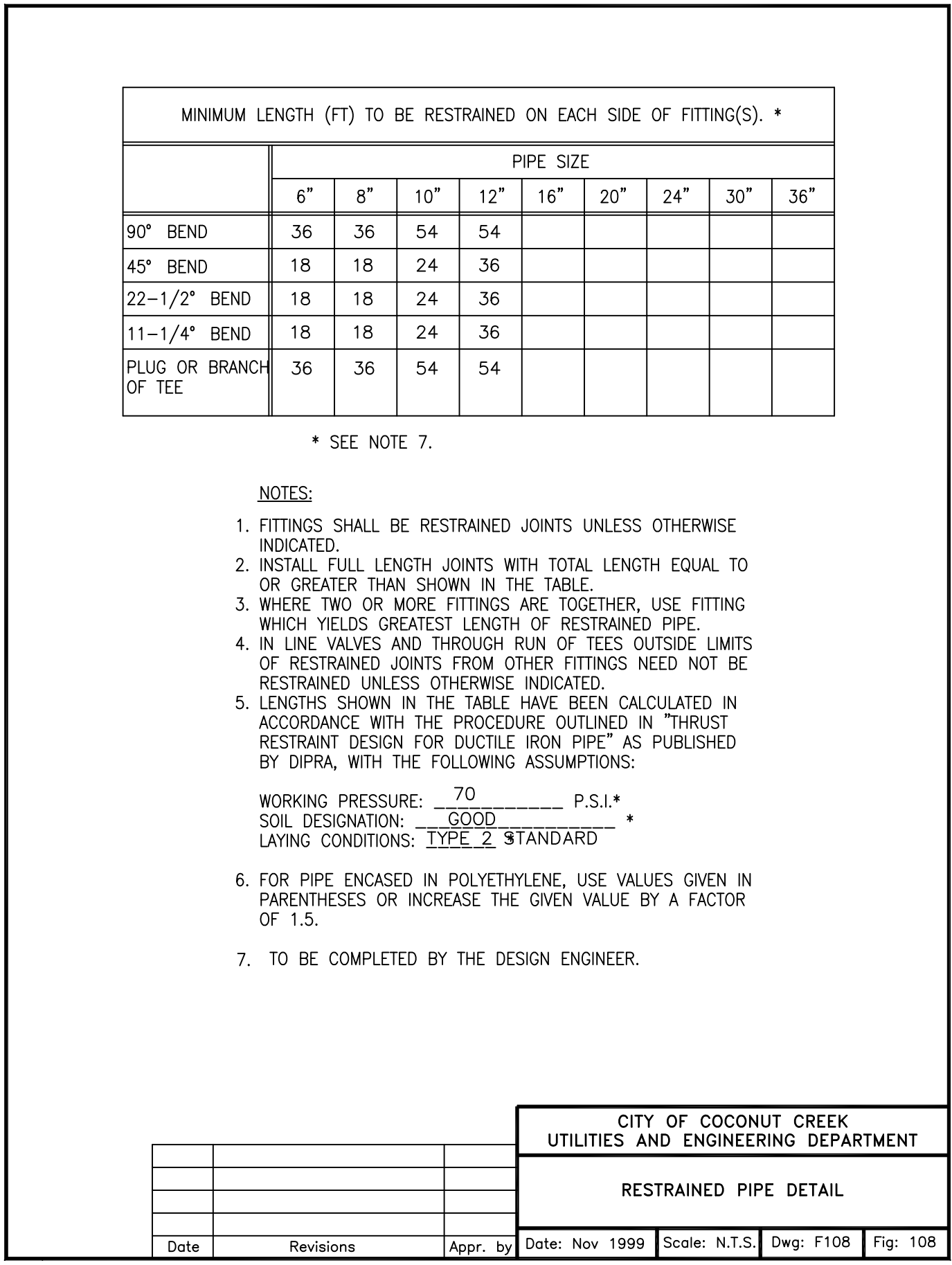
K:\PROJECTS\12\120012\120012.dwg, C:\Users\j... Sun-Tech Engineering, Inc. (AEV), Sun-Tech Engineering, Inc. (AEV)



- GENERAL NOTES:**
1. BASE AND BACKFILL MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED OR OF EQUAL OR GREATER STRUCTURAL ADVANTAGE. MATERIALS CONTAMINATED WITH DELETERIOUS SUBSTANCES DURING EXCAVATION SHALL NOT BE USED.
  2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY COMPACTED.
  3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
  4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
  5. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
  6. PLACE PRIME COAT ON COMPACTED BASE AND TACK ON EXISTING ASPHALT CONCRETE.
  7. COMPACTION TESTS SHALL BE TAKEN AS DIRECTED BY THE CITY ENGINEER AND PAID FOR BY THE PERMITTEE. A MINIMUM OF ONE PER CROSSING OR ONE PER 100-FT PARALLEL CONSTRUCTION WILL BE REQUIRED.

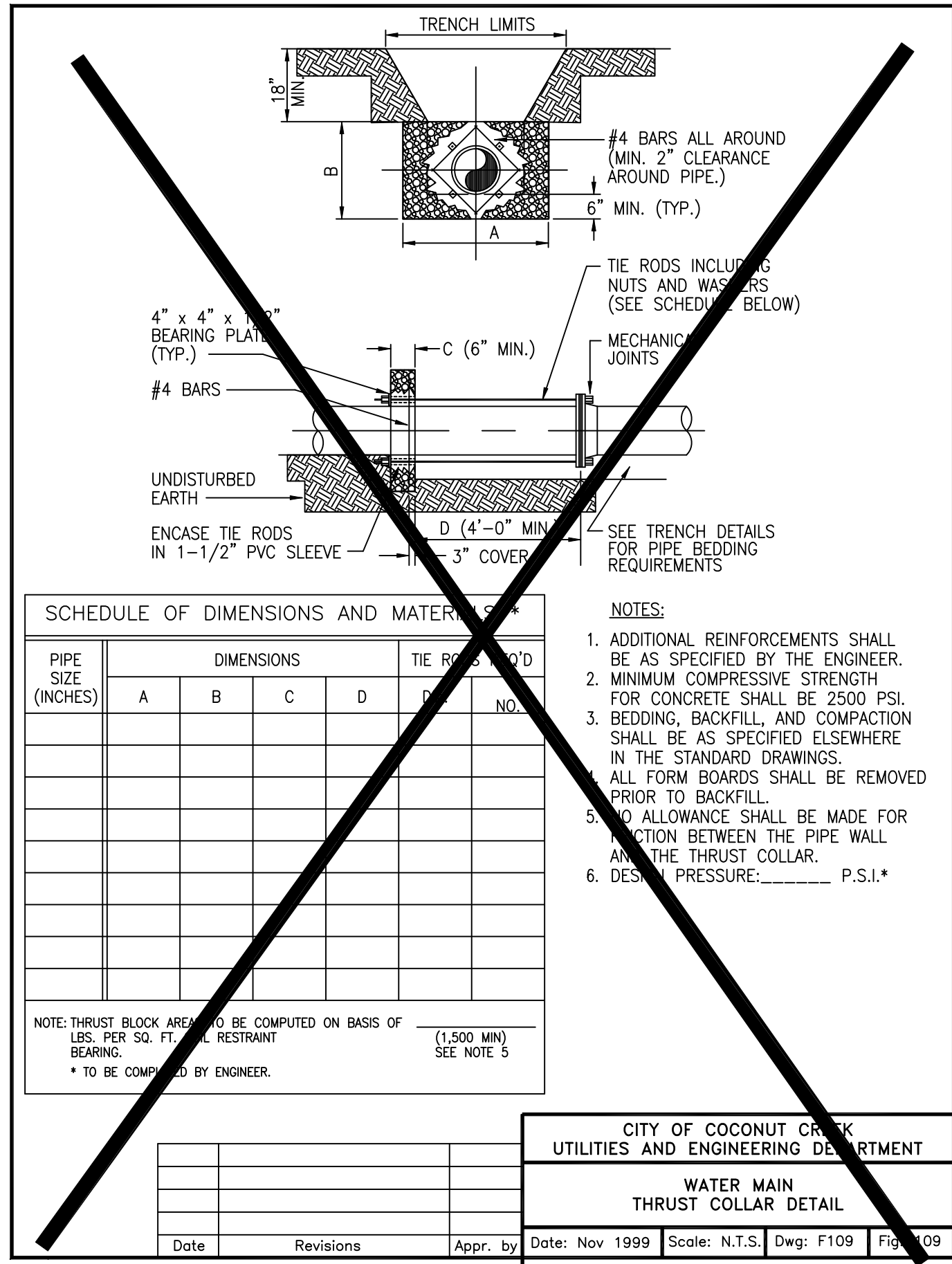
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
RESTORATION OF FLEXIBLE PAVEMENT - CROSSINGS  
Date: Dec. 1999 Scale: N.T.S. Dwg: F102  
FIGURE 302



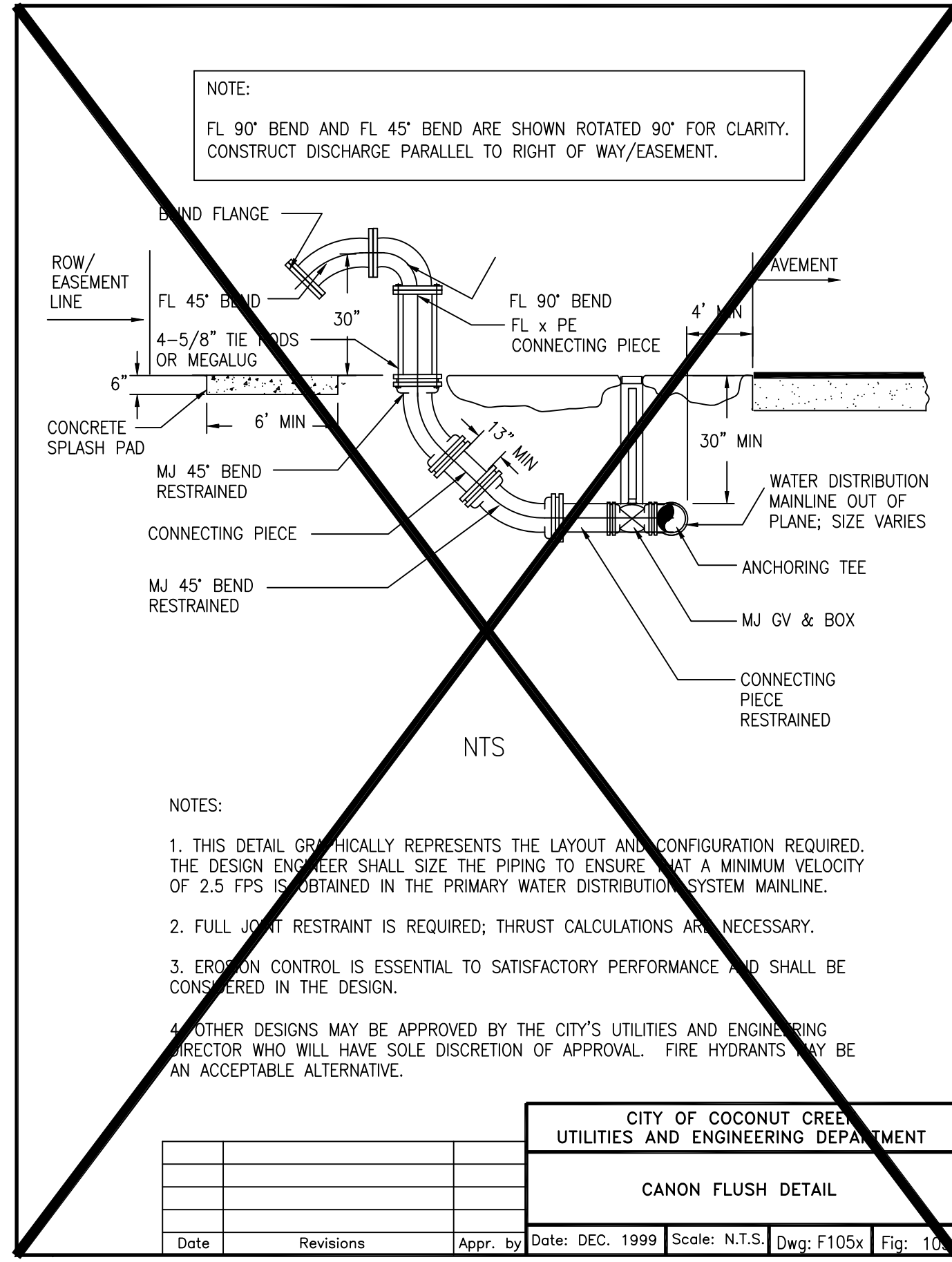
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
RESTRAINED PIPE DETAIL  
Date: Nov. 1999 Scale: N.T.S. Dwg: F108 Fig: 108



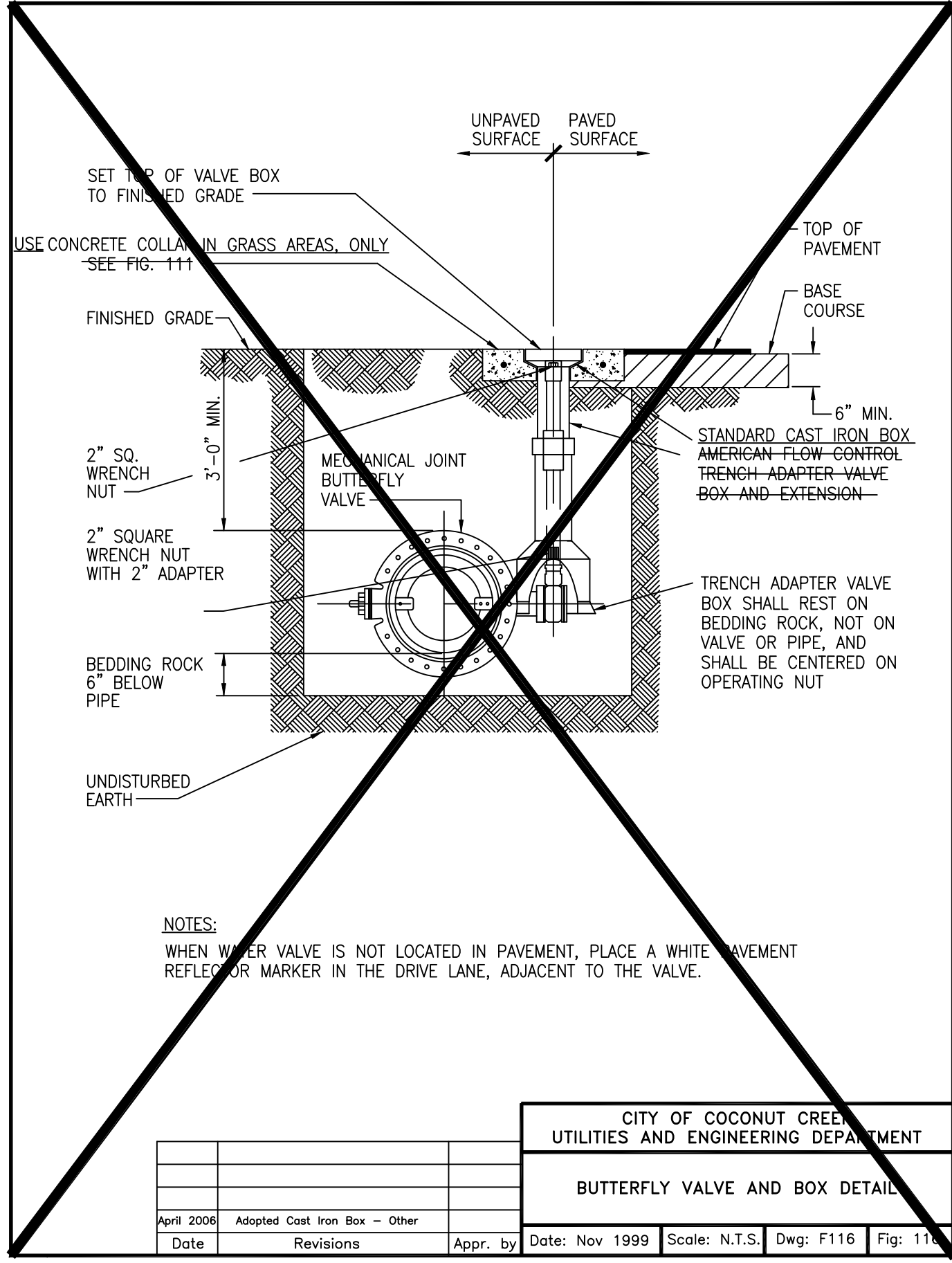
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
WATER MAIN THRUST COLLAR DETAIL  
Date: Nov. 1999 Scale: N.T.S. Dwg: F109 Fig: 109



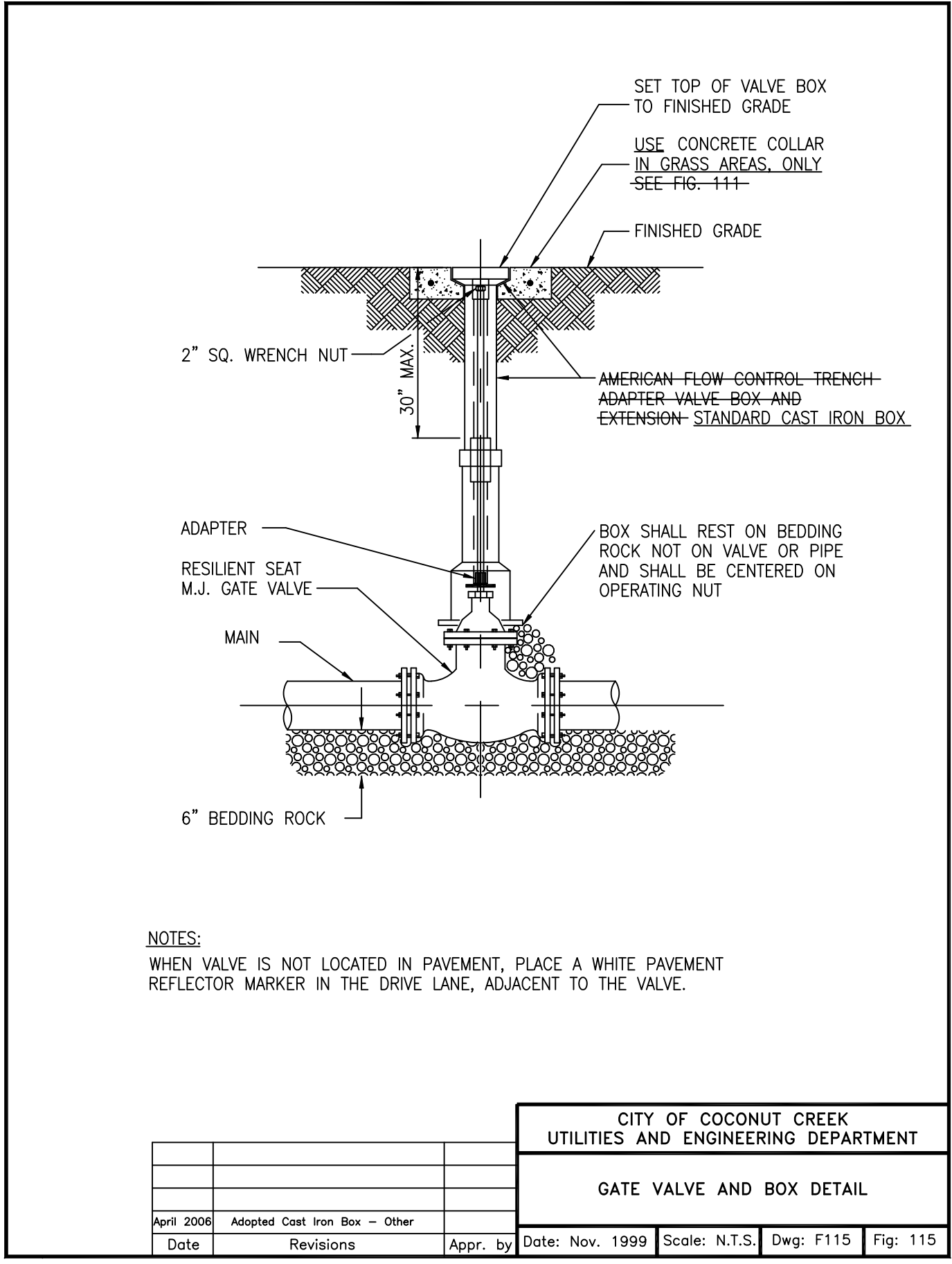
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
CANON FLUSH DETAIL  
Date: Dec. 1999 Scale: N.T.S. Dwg: F105x Fig: 105



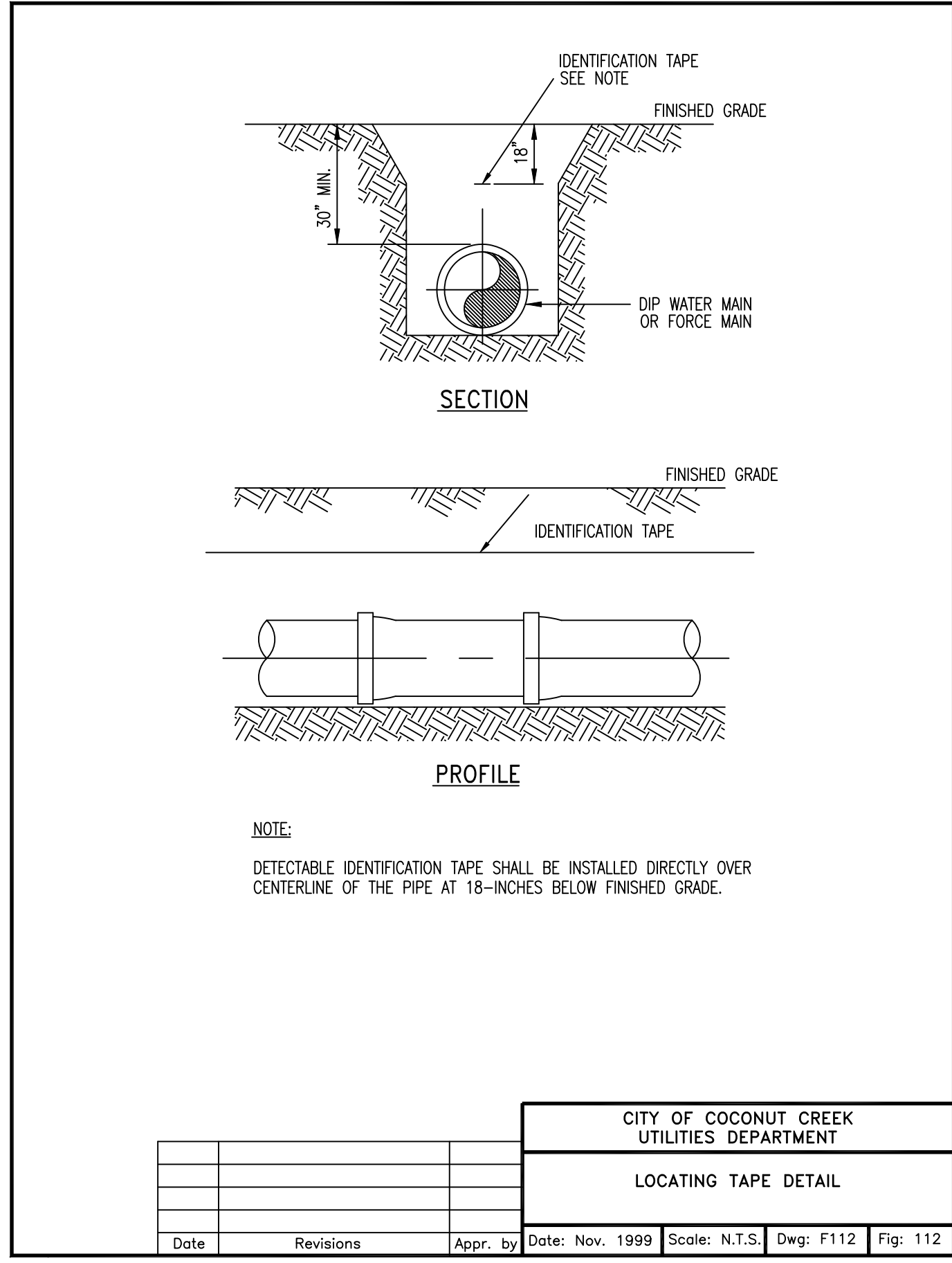
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
BUTTERFLY VALVE AND BOX DETAIL  
Date: Nov. 1999 Scale: N.T.S. Dwg: F116 Fig: 116



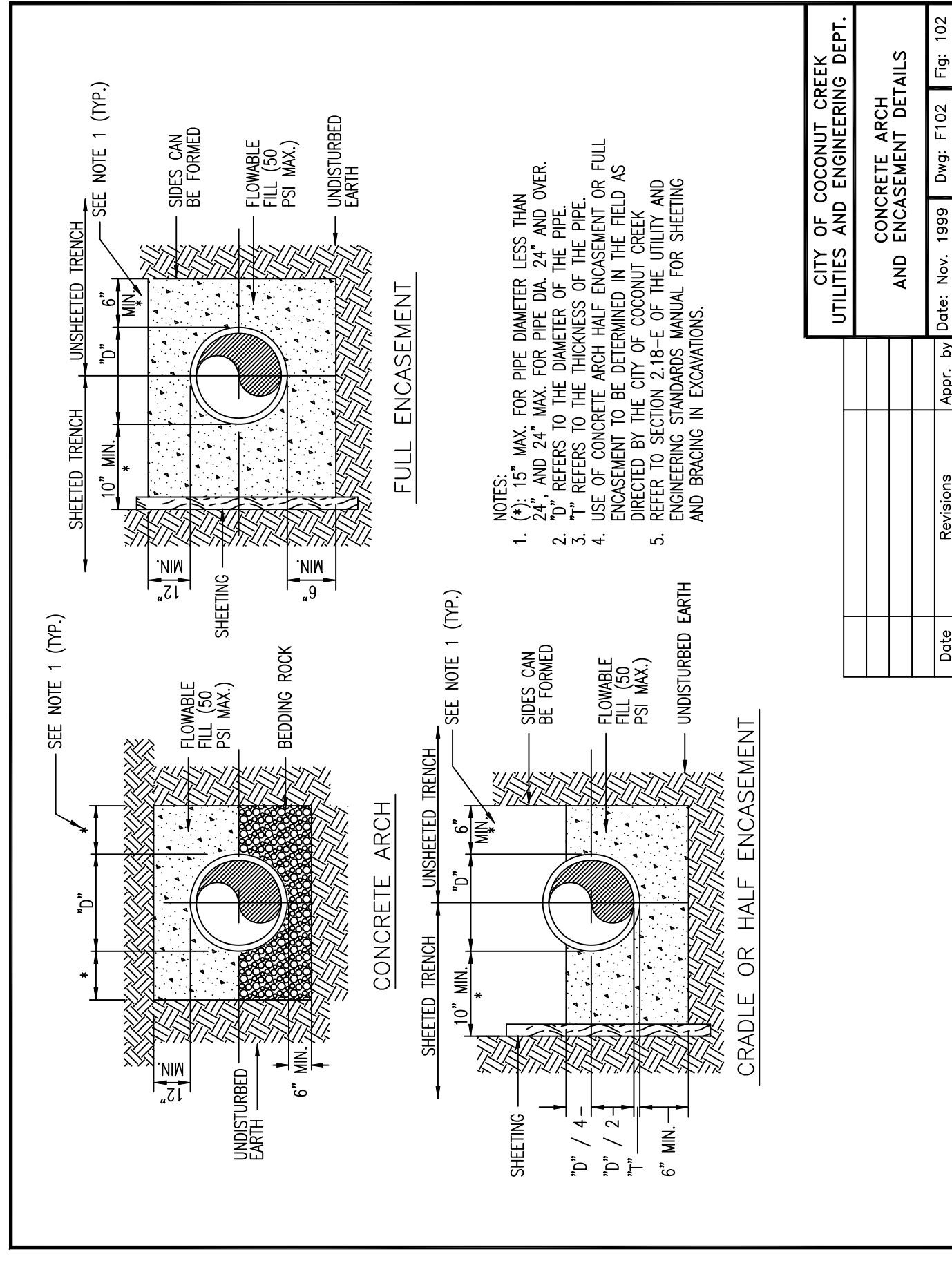
Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
GATE VALVE AND BOX DETAIL  
Date: Nov. 1999 Scale: N.T.S. Dwg: F115 Fig: 115



Date	Revisions	Appr. by

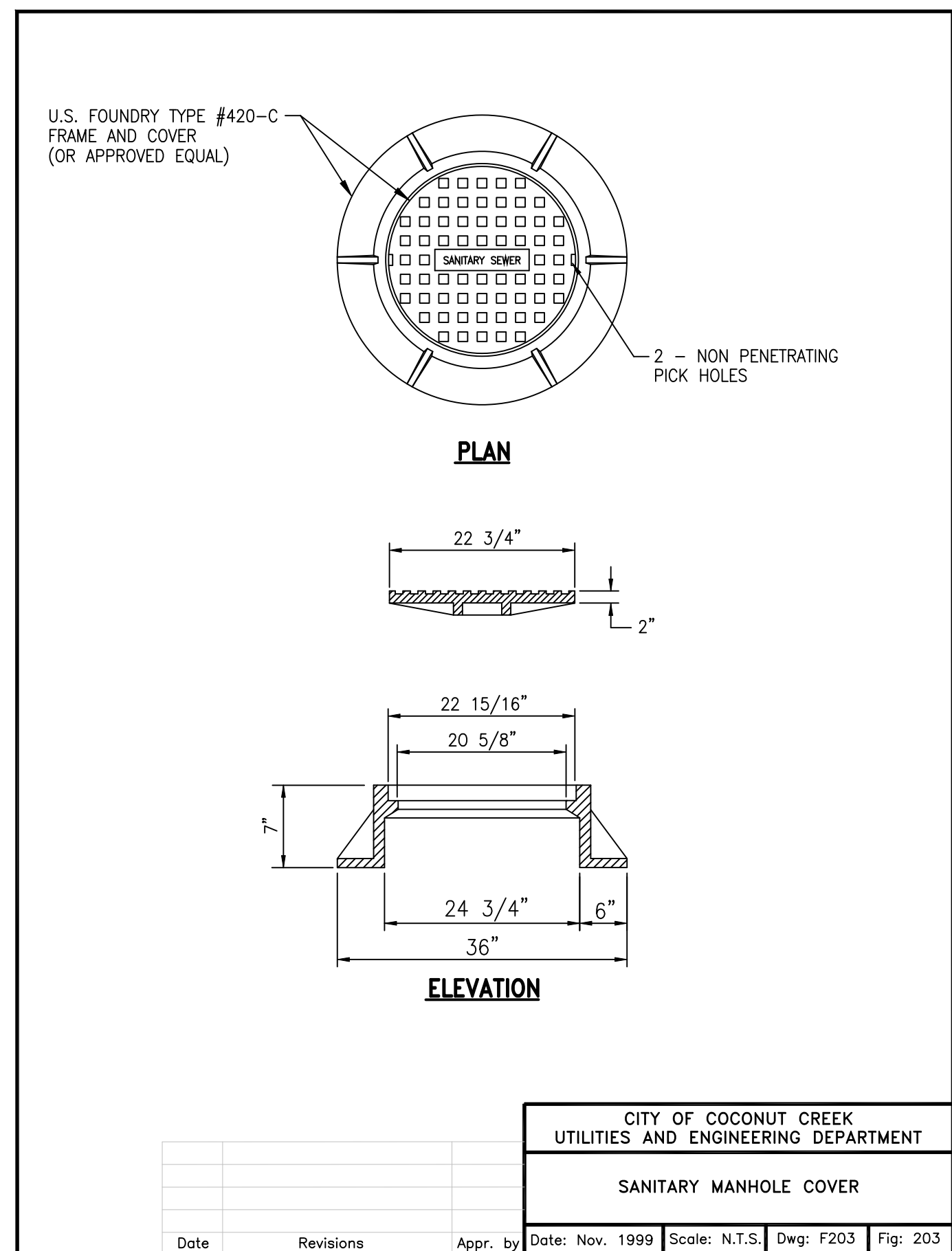
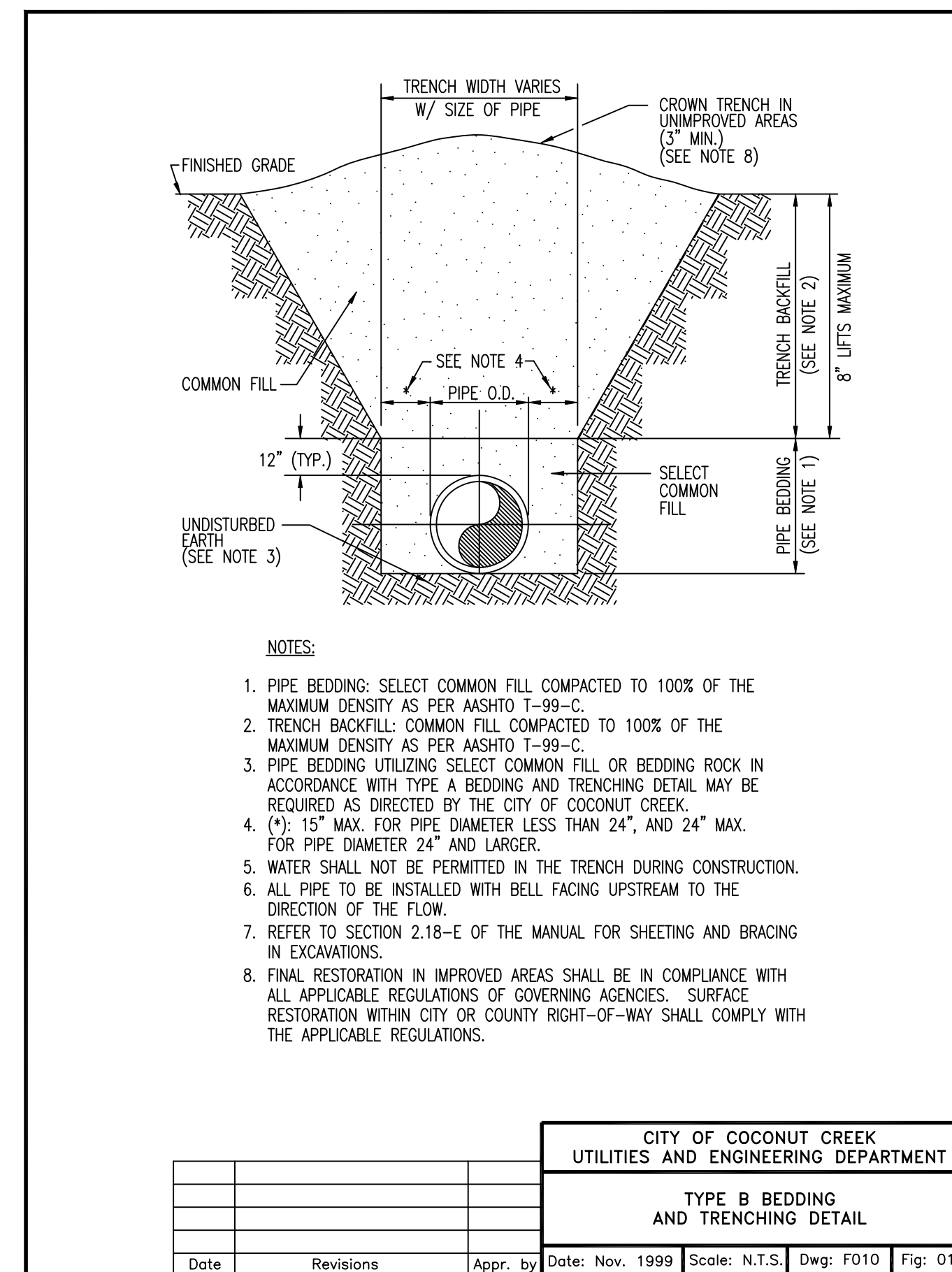
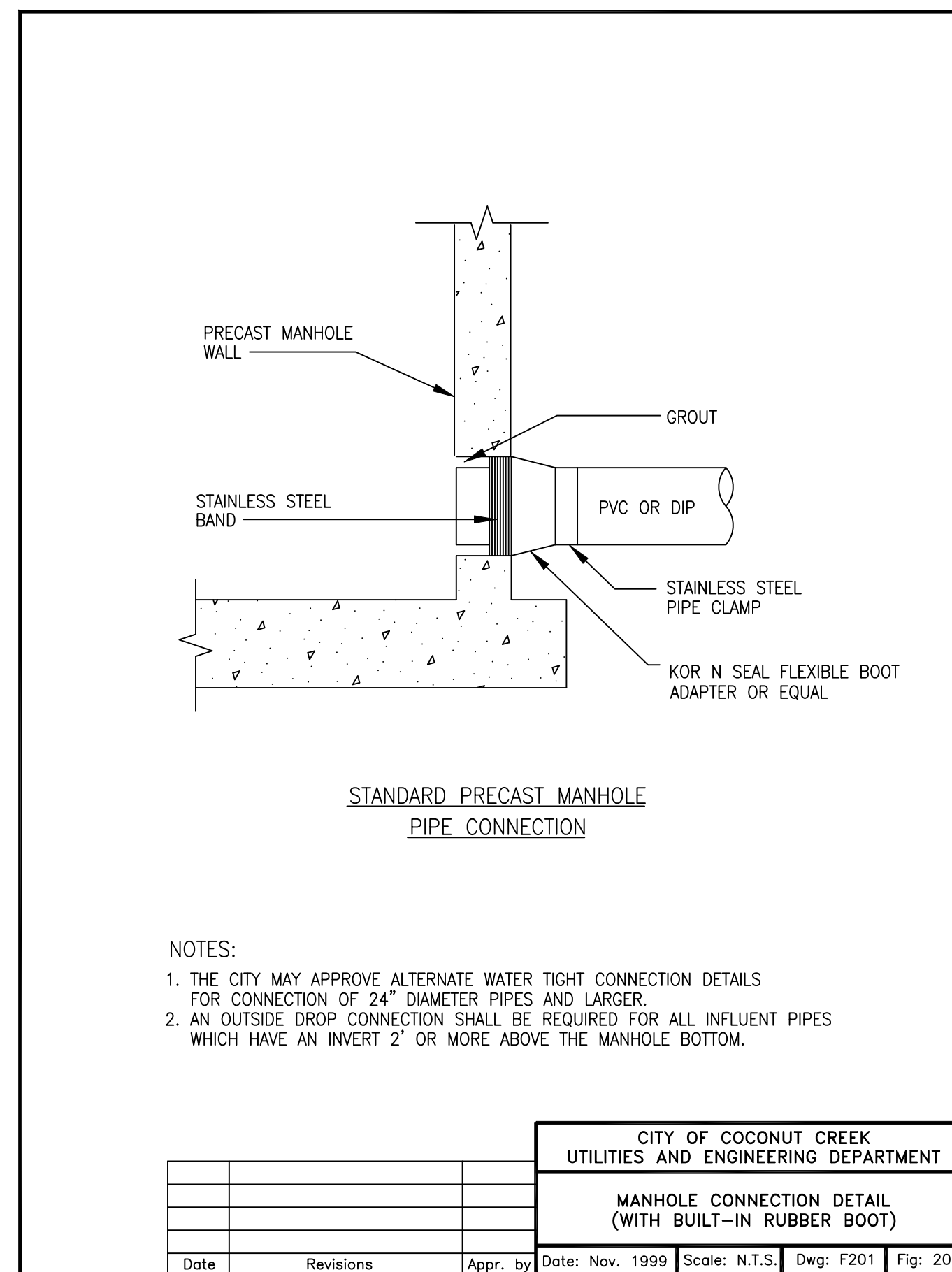
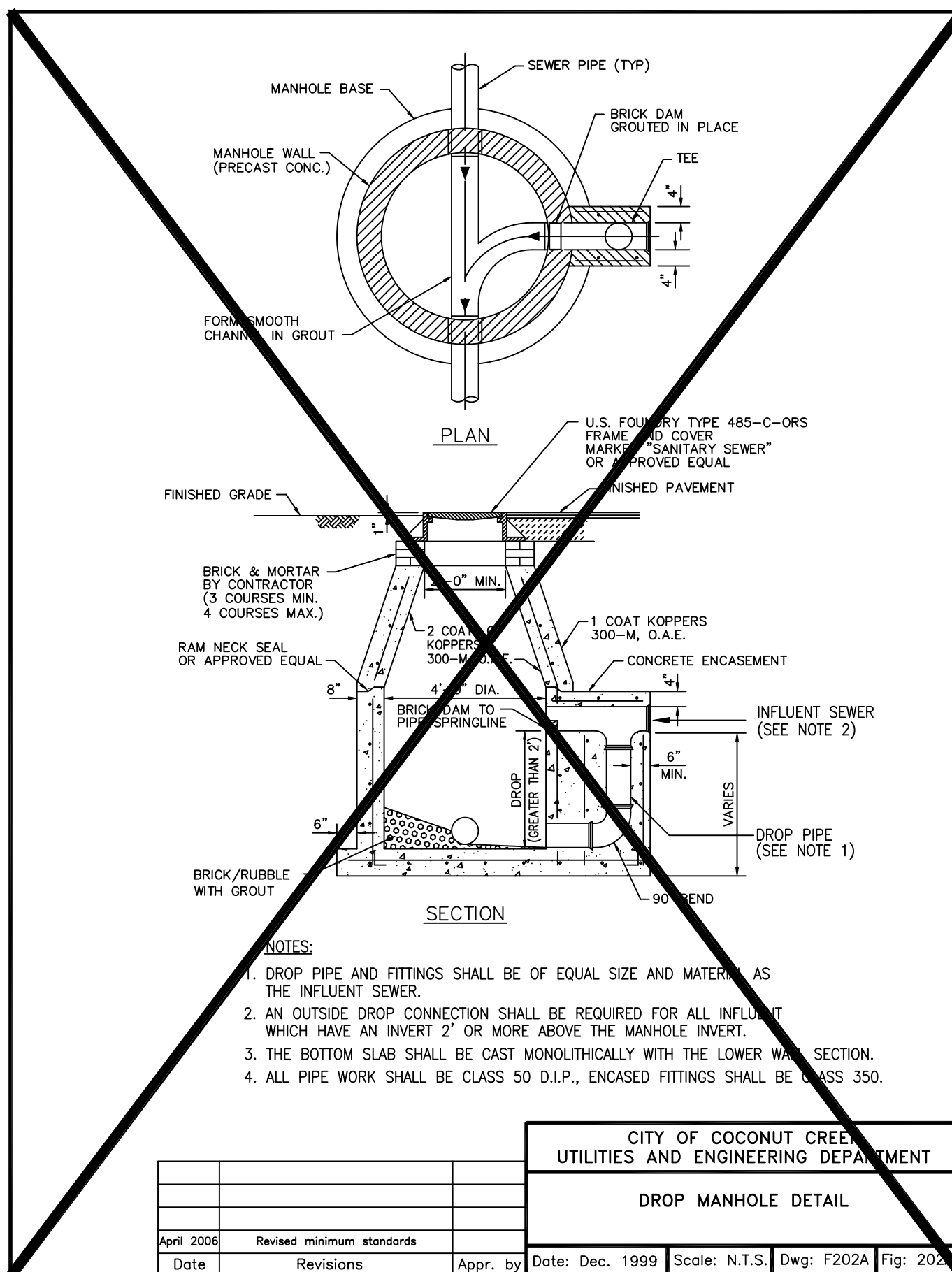
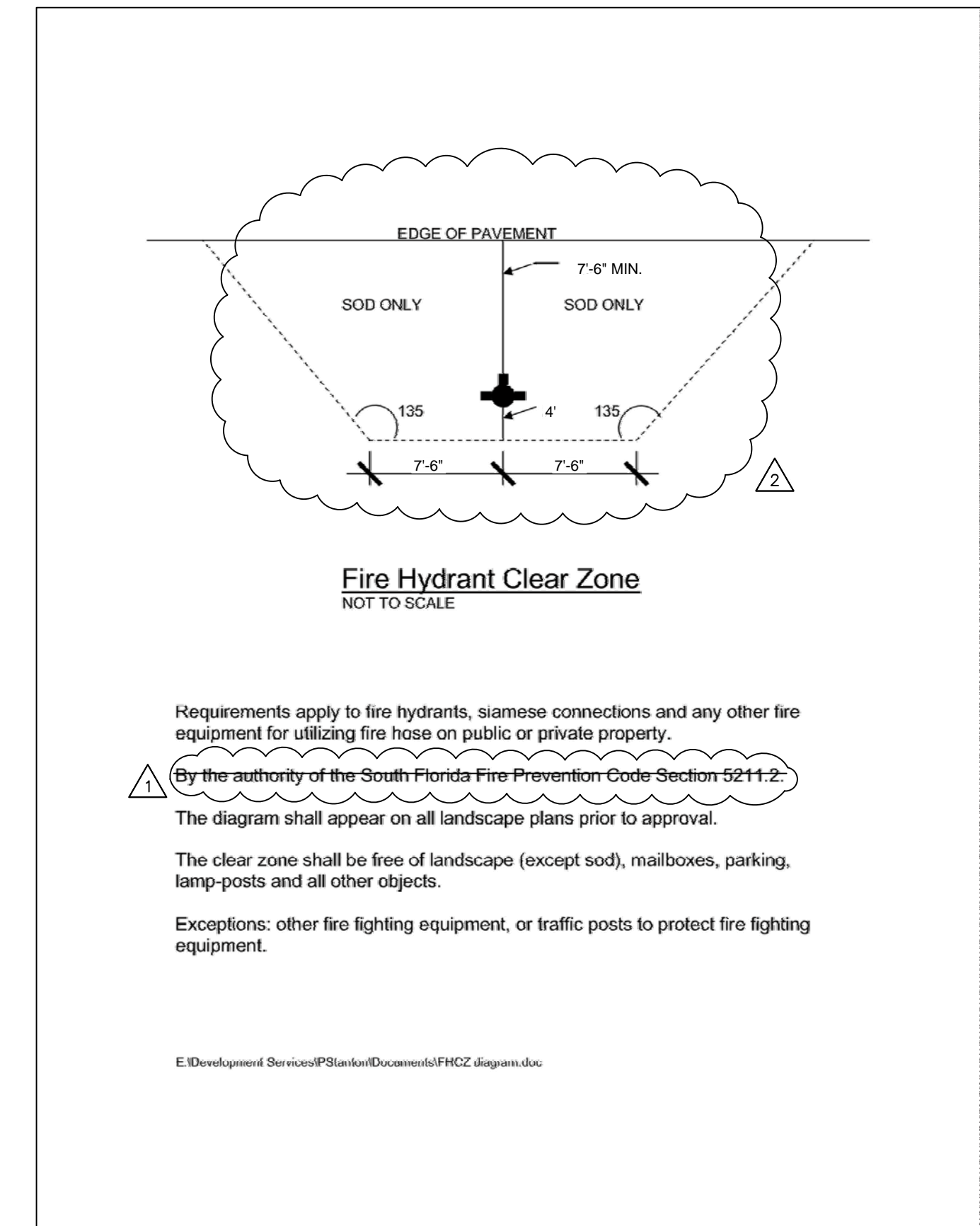
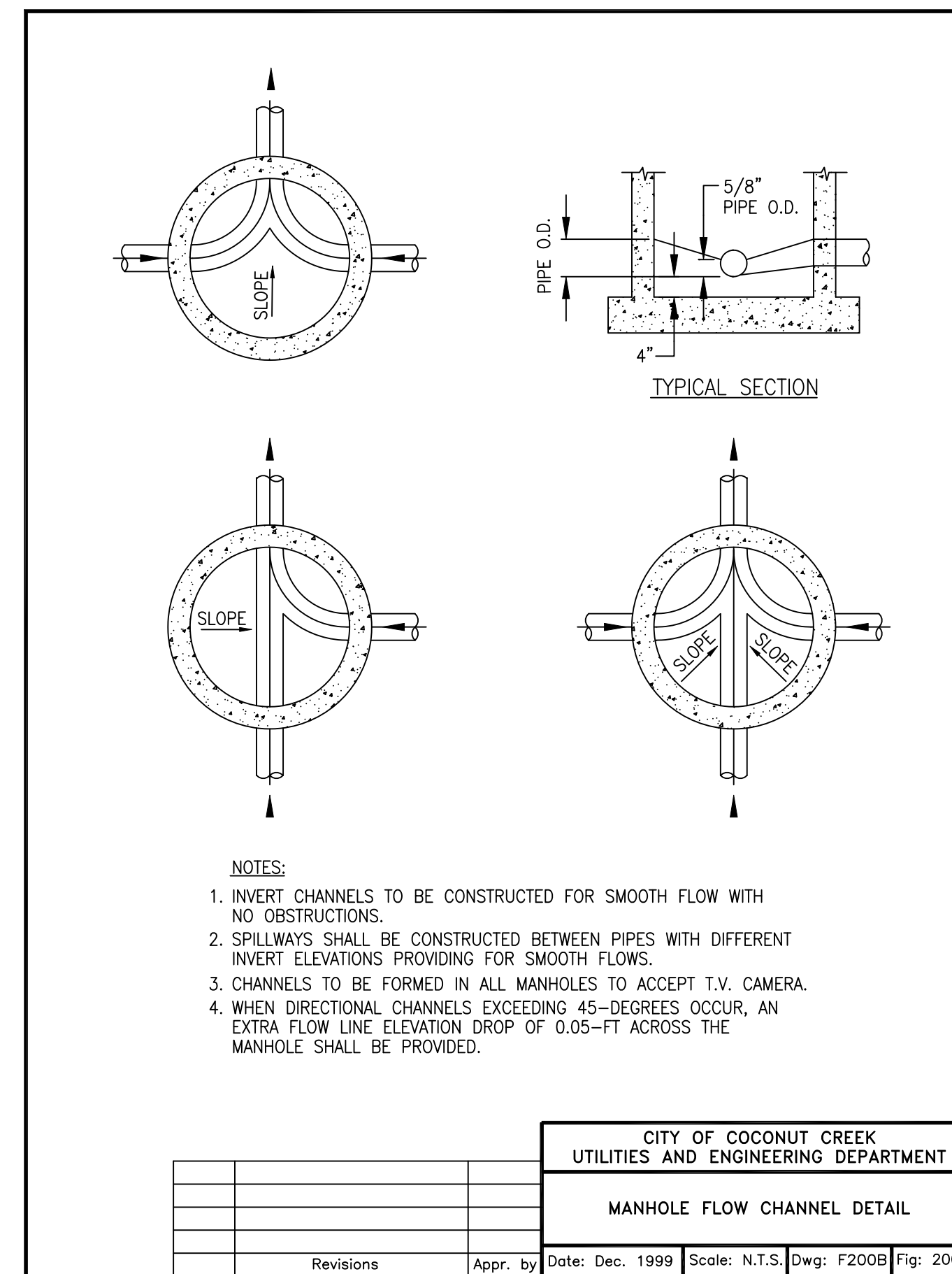
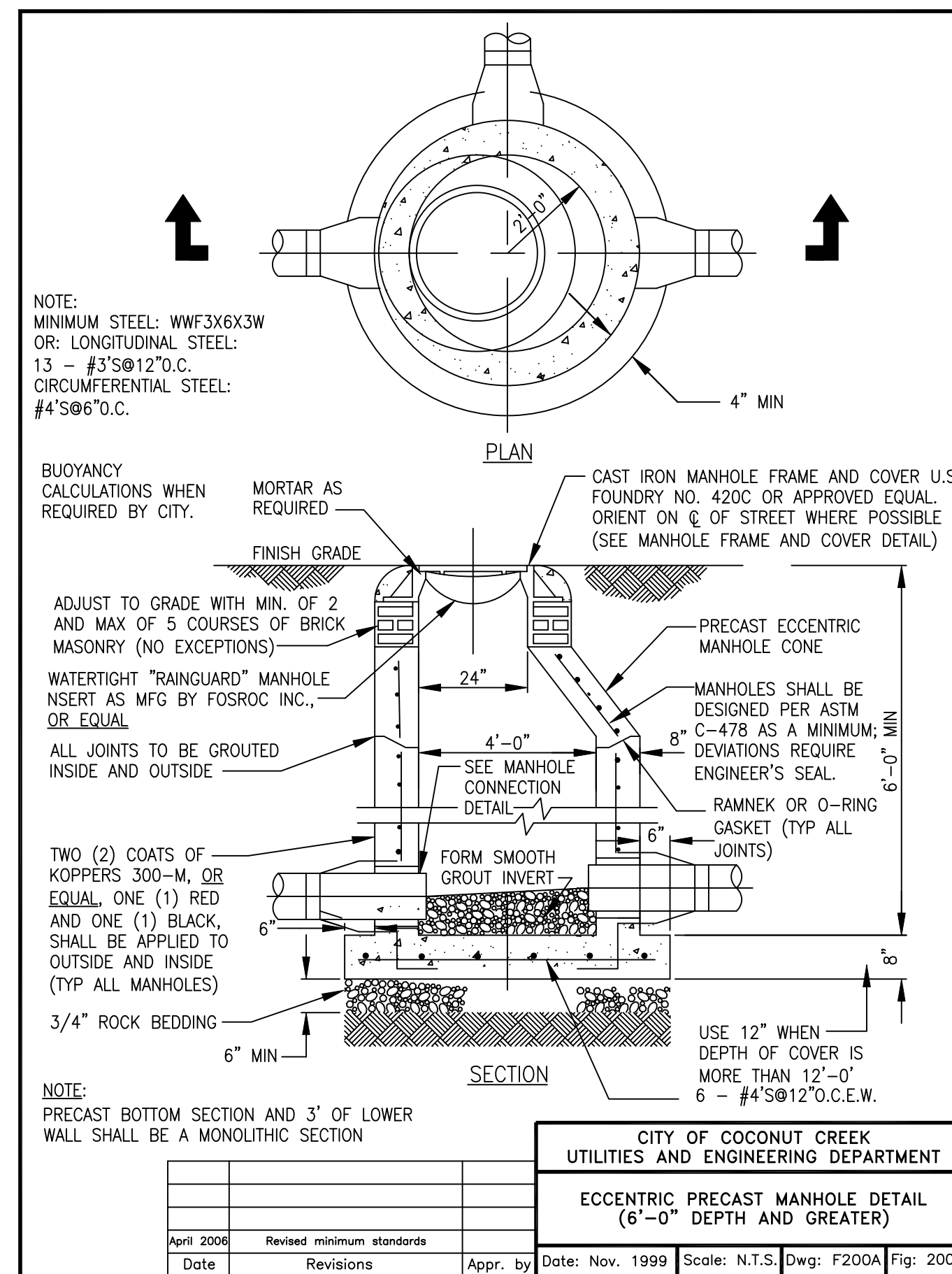
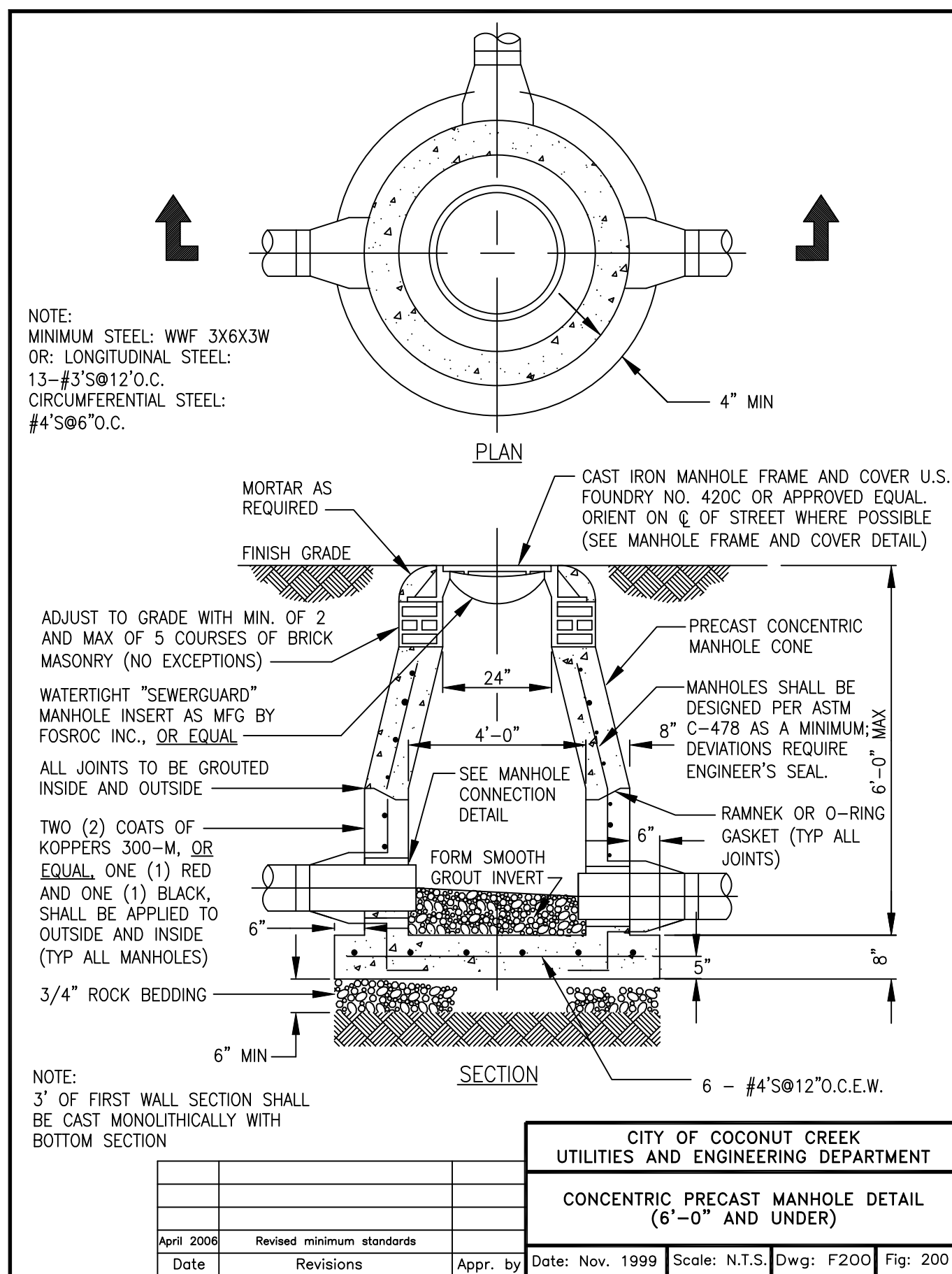
CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPARTMENT  
LOCATING TAPE DETAIL  
Date: Nov. 1999 Scale: N.T.S. Dwg: F112 Fig: 112



Date	Revisions	Appr. by

CITY OF COCONUT CREEK  
UTILITIES AND ENGINEERING DEPT.  
CONCRETE ARCH AND ENCASEMENT DETAILS  
Date: Nov. 1999 Scale: N.T.S. Dwg: F102 Fig: 102

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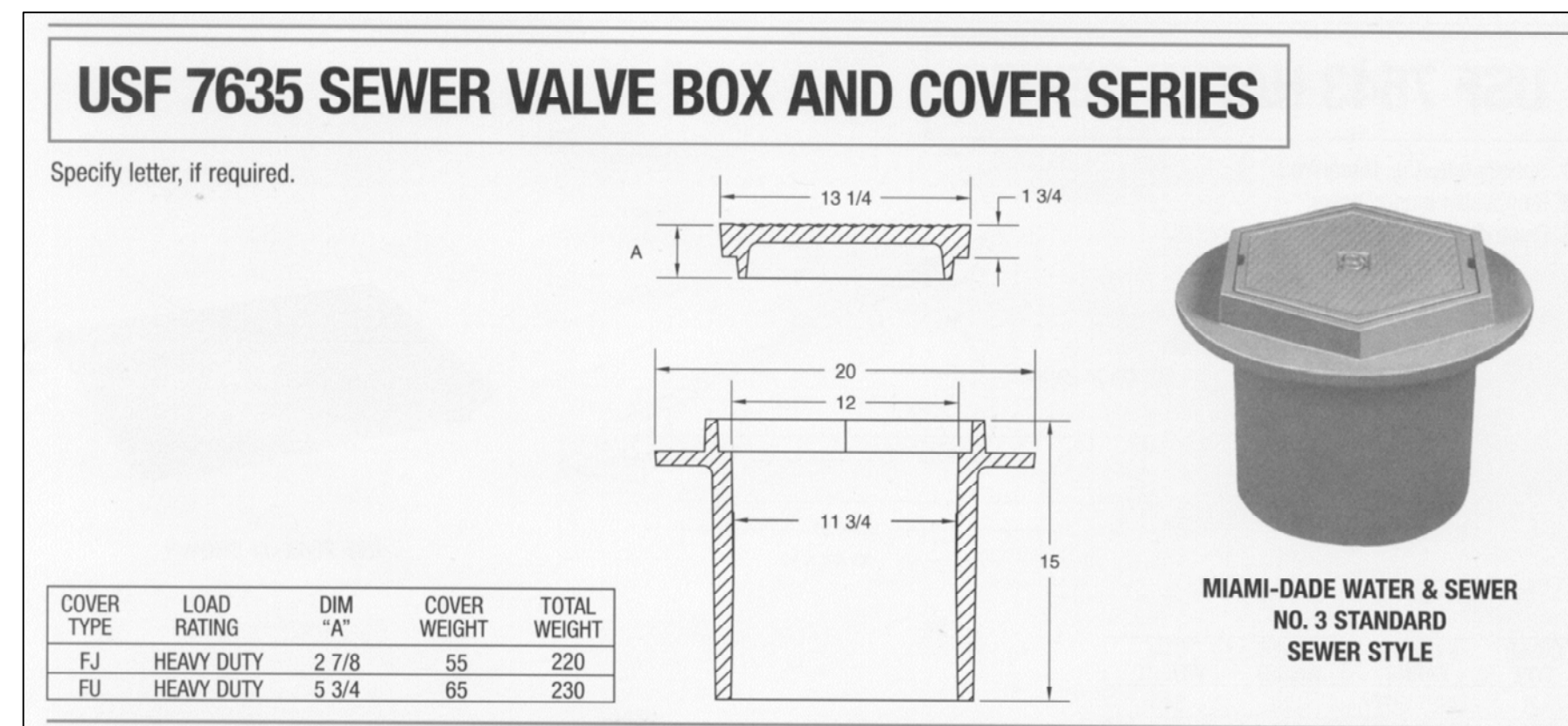
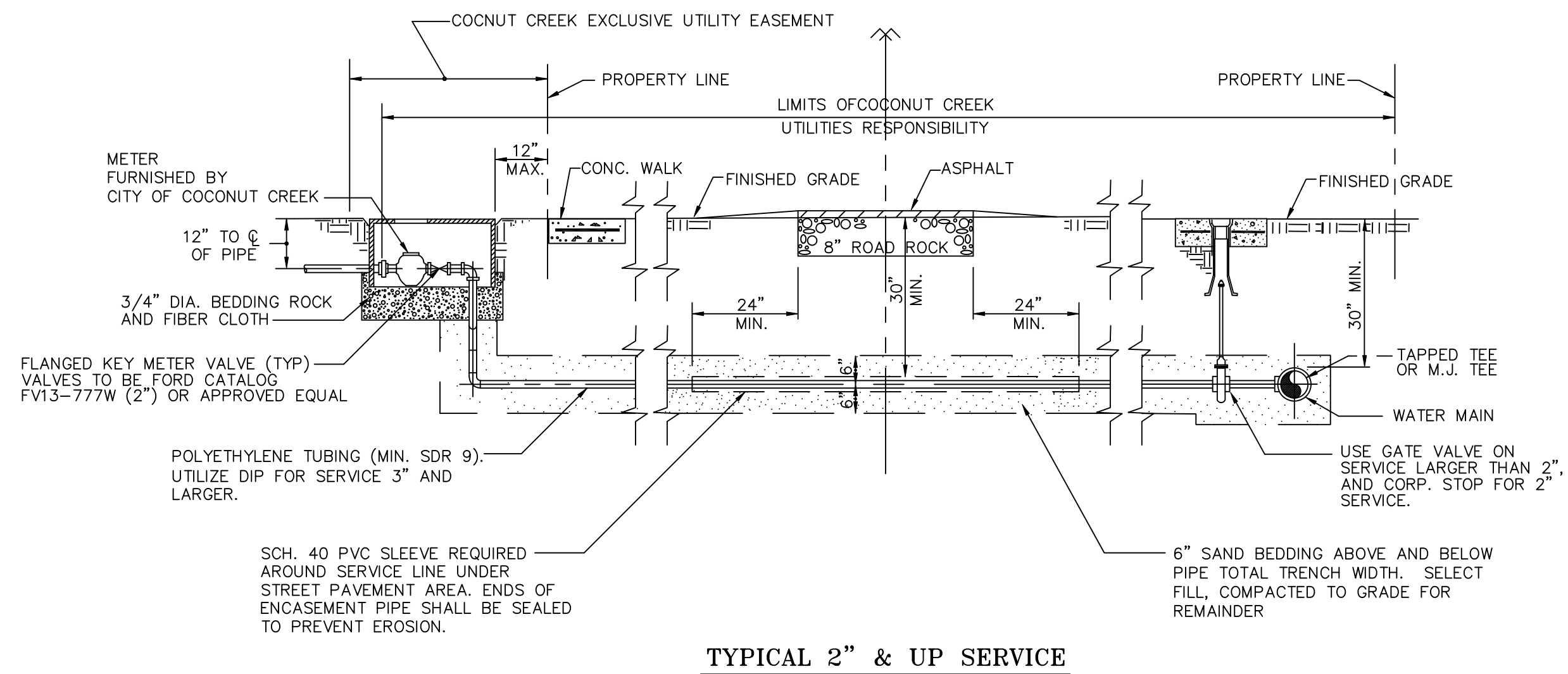
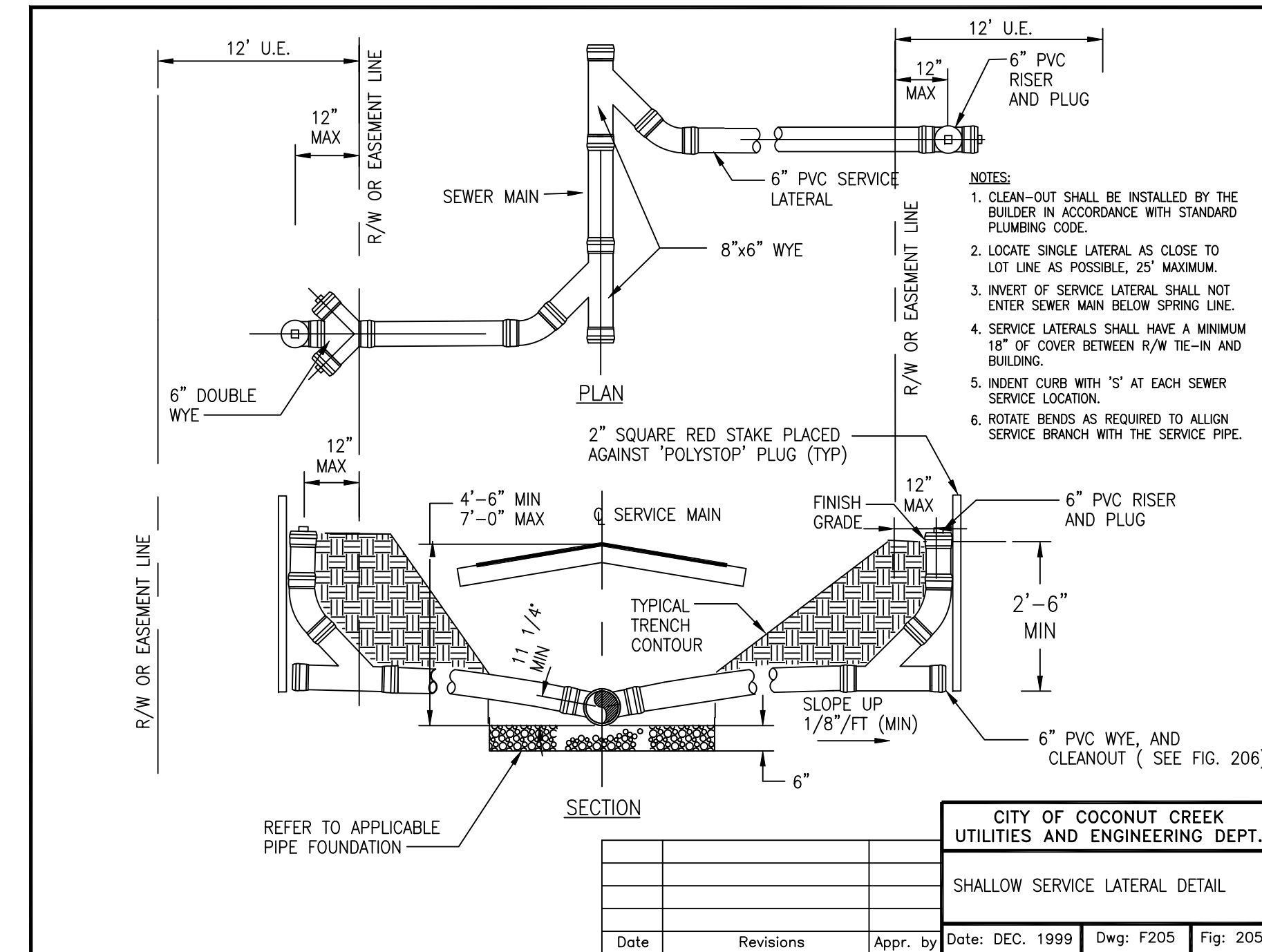
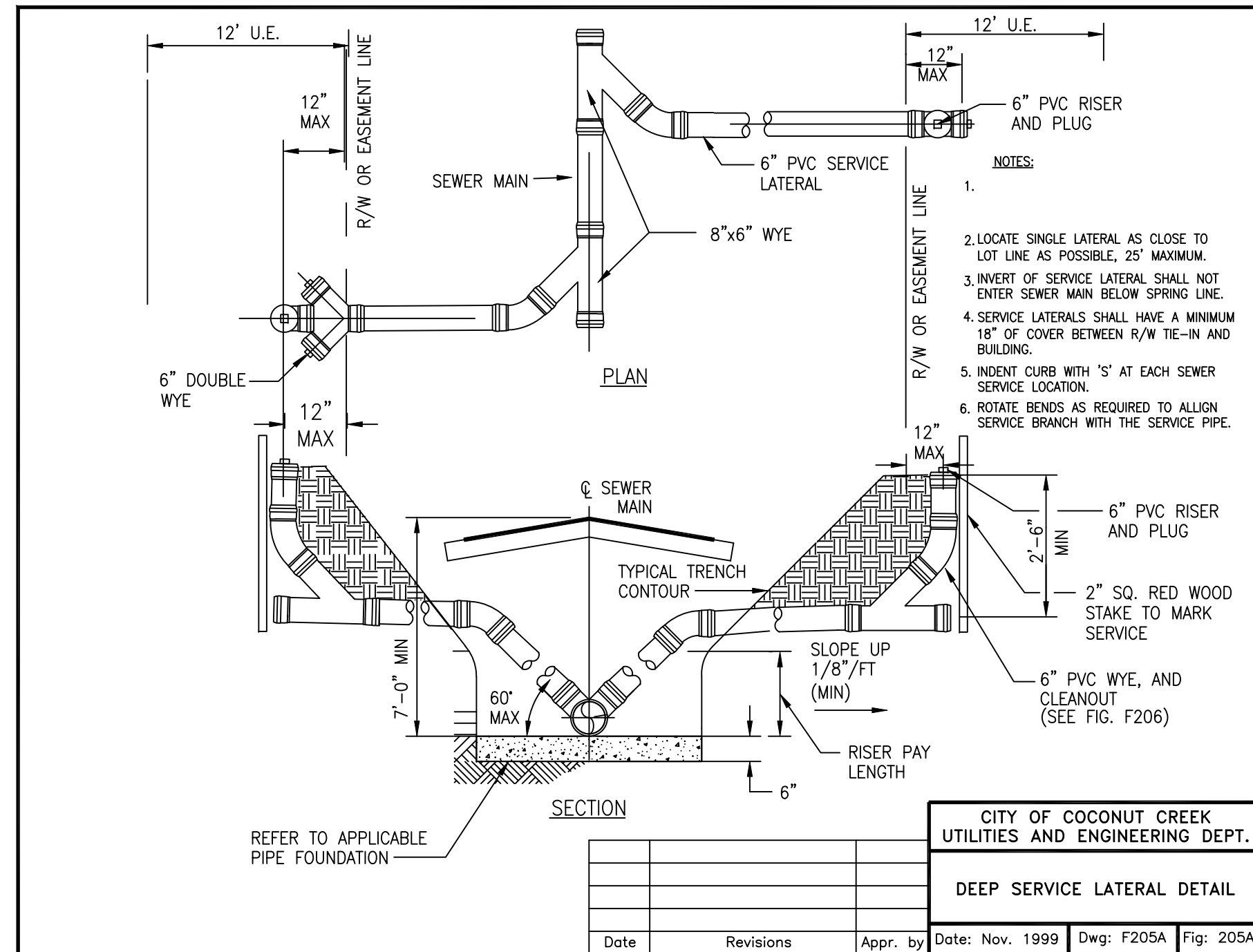
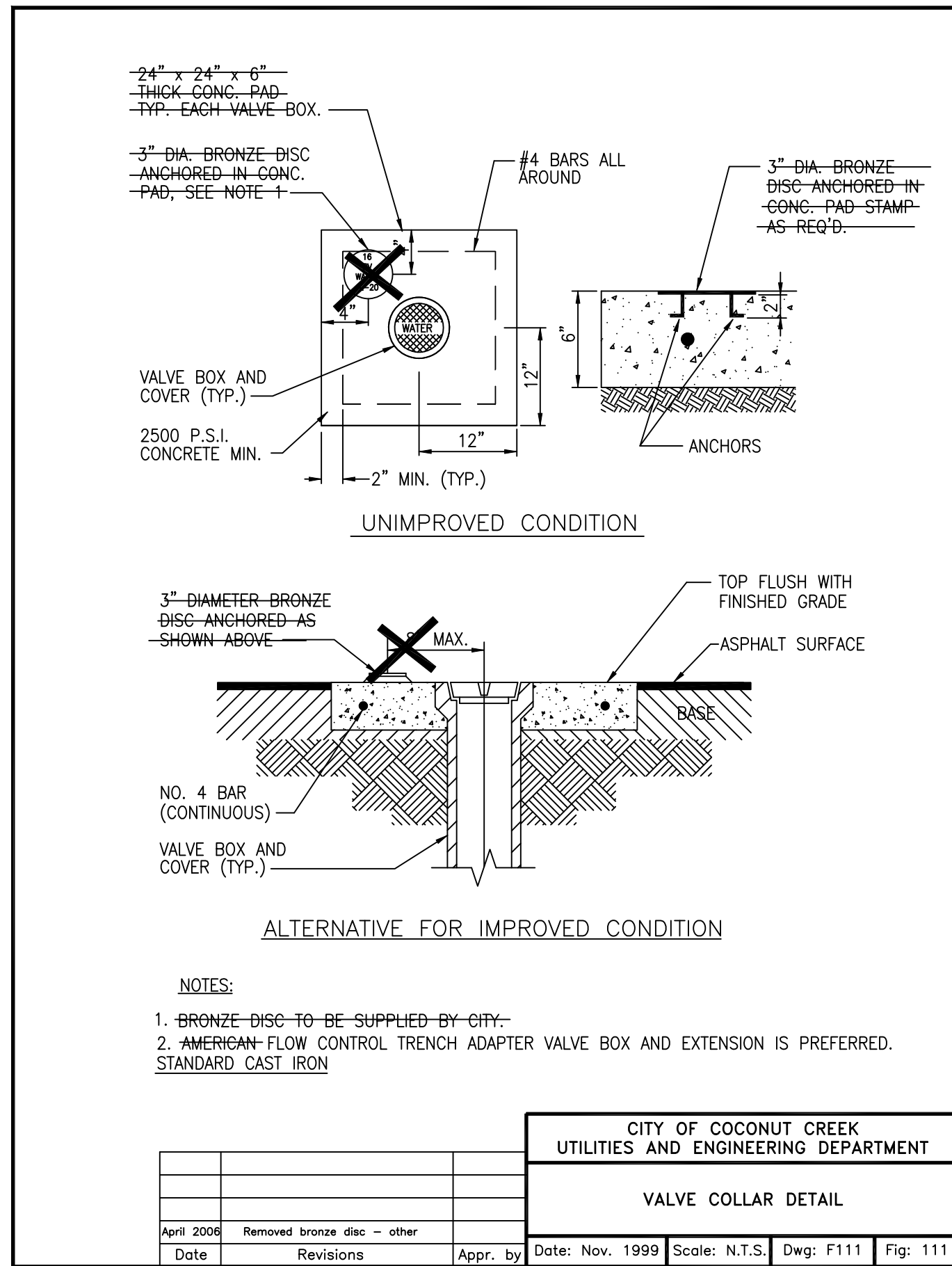
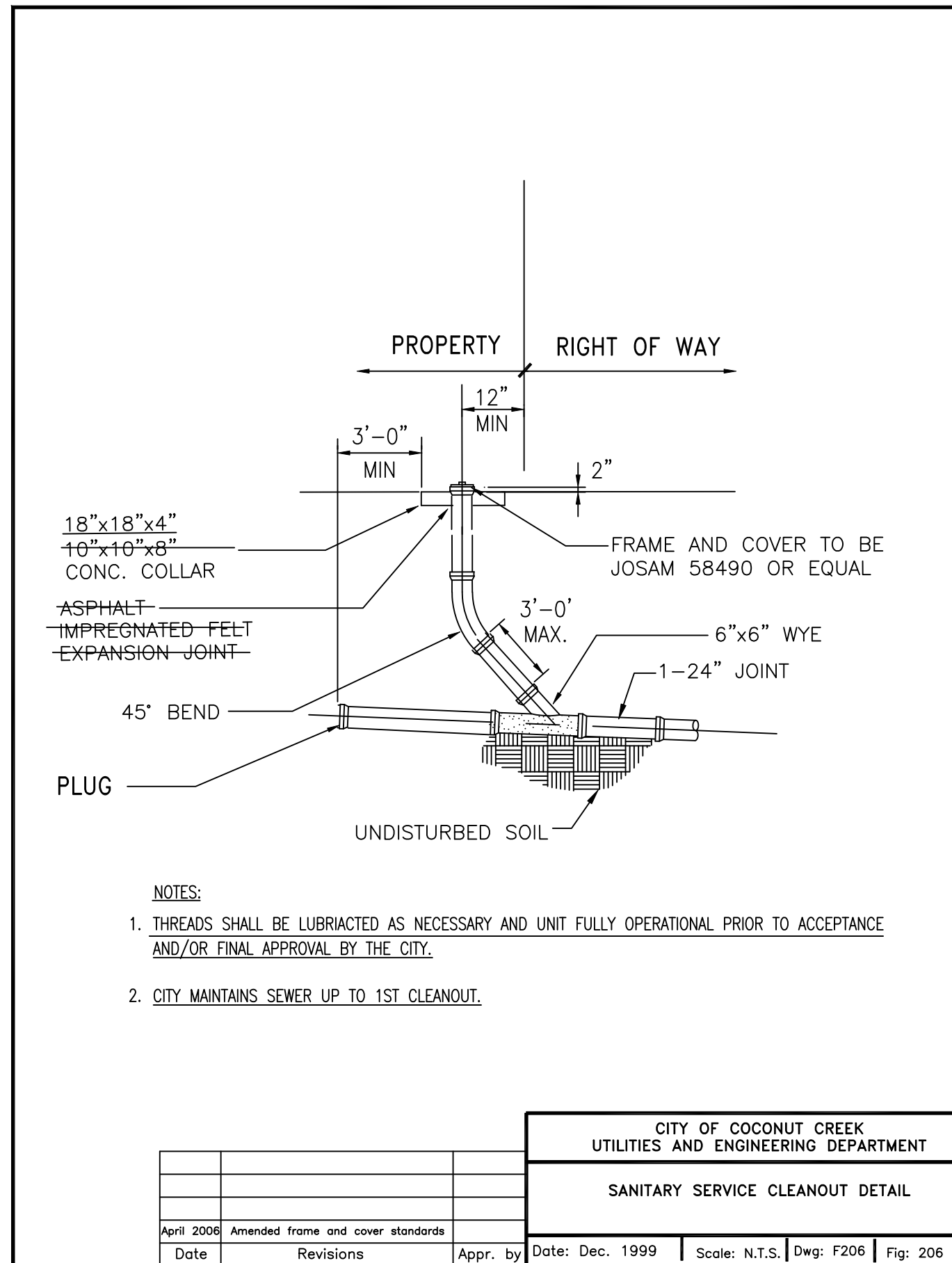


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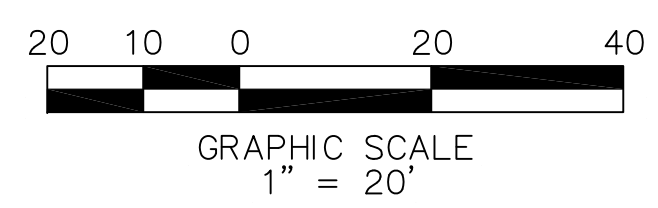
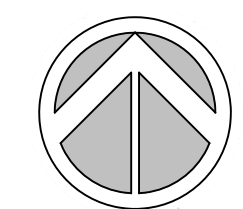
revision	DATE	DESCRIPTION
06/05/12		DRC REVISIONS

commission	01-023
designer	ERIC ANDERSON
project manager	CH

file name	3466spp.dwg
date	04-30-12

STORMWATER POLLUTION PREVENTION PLAN

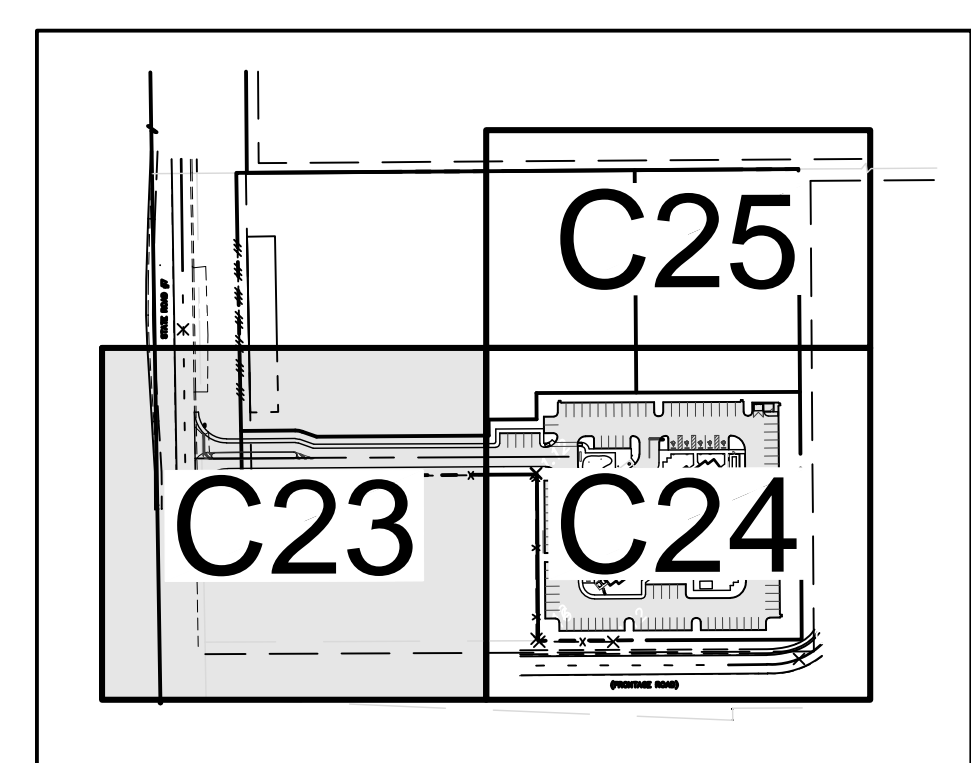
C23



- NOTES:**
- THIS PLAN REFLECTS REQUIREMENTS APPLICABLE TO PROTECTING SURFACE WATER RESOURCES IN STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY STATE, TRIBAL OR LOCAL OFFICIALS.
  - SEDIMENT CONTROL MEASURES ARE TO BE MAINTAINED SO THAT SEDIMENT IS REMOVED FROM SEDIMENT BARRIERS WHEN THE DESIGN CAPACITY IS REDUCED BY 50%

TOTAL SITE = 7.70 Ac.  
SITE AREA TO BE DISTURBED = 4.12 Ac.  
WETLAND AREA TO BE MITIGATED = 00.00 Ac.

RUNOFF COEFFICIENT "C"  
BEFORE CONSTRUCTION = 0.30  
DURING CONSTRUCTION = 0.70  
AFTER CONSTRUCTION = 0.80



**KEY MAP**

**NOTE:**

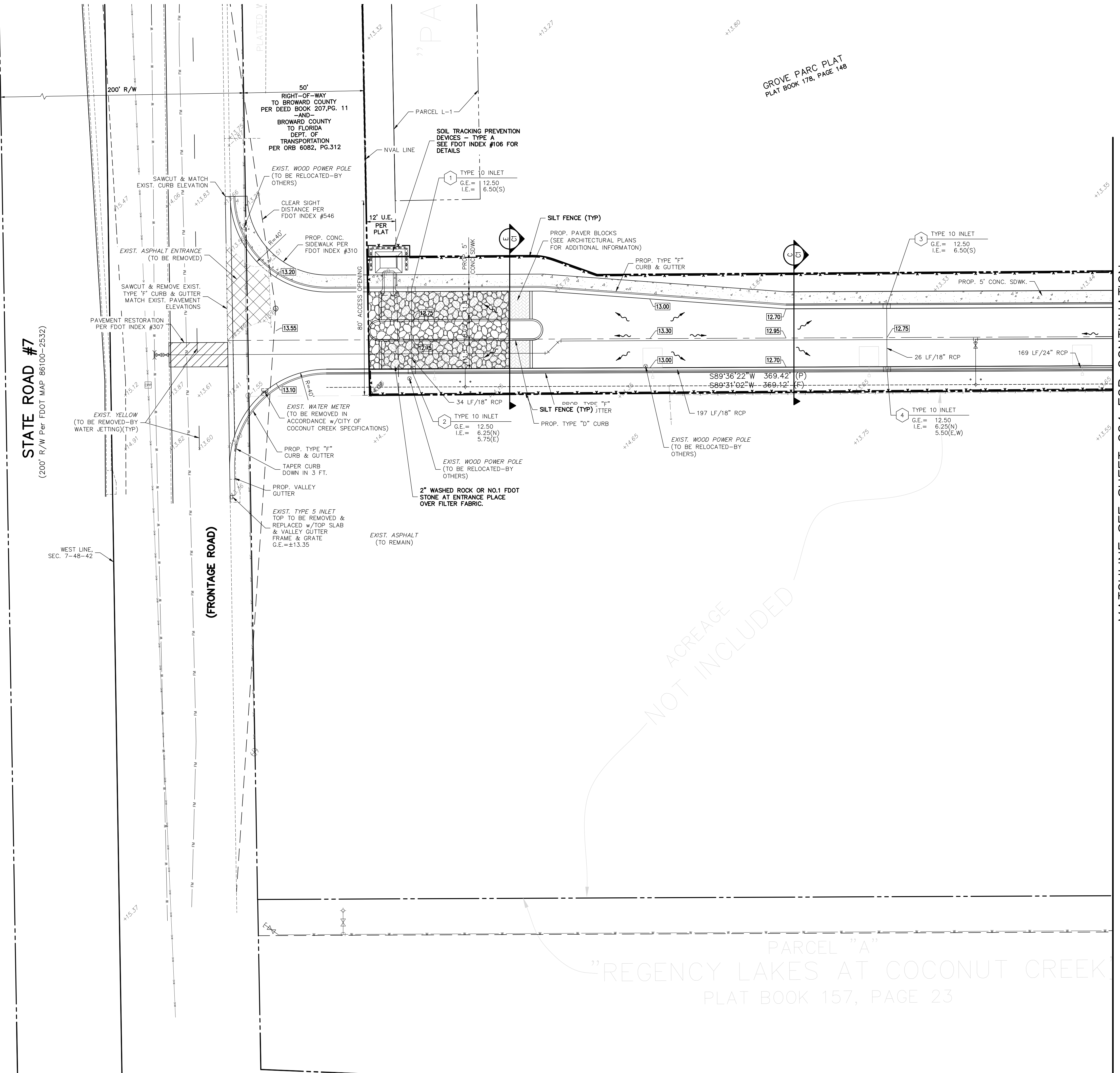
- ALL PROPOSED ELEVATIONS ARE IN N.A.V.D.(88).
- EROSION & SEDIMENTATION CONTROL SHALL BE IN PLACE FOR THE DURATION OF THE PROJECT. STORMWATER POLLUTION PREVENTION PLAN SHOULD BE IMPLEMENTED PRIOR TO THE START OF ANY CONSTRUCTION AND REMOVED AT PROJECT COMPLETION.
- CONTRACTOR SHALL ALSO ADHERE TO THE CITY OF COCONUT CREEK EROSION AND SEDIMENTATION CONTROL STANDARD.

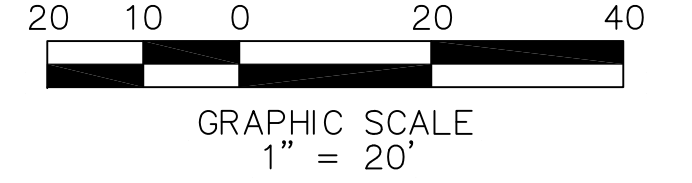
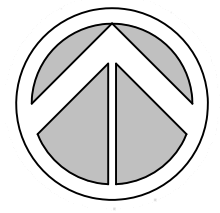
LEGEND	
	OVERLAND FLOW
	PROPOSED GRADE

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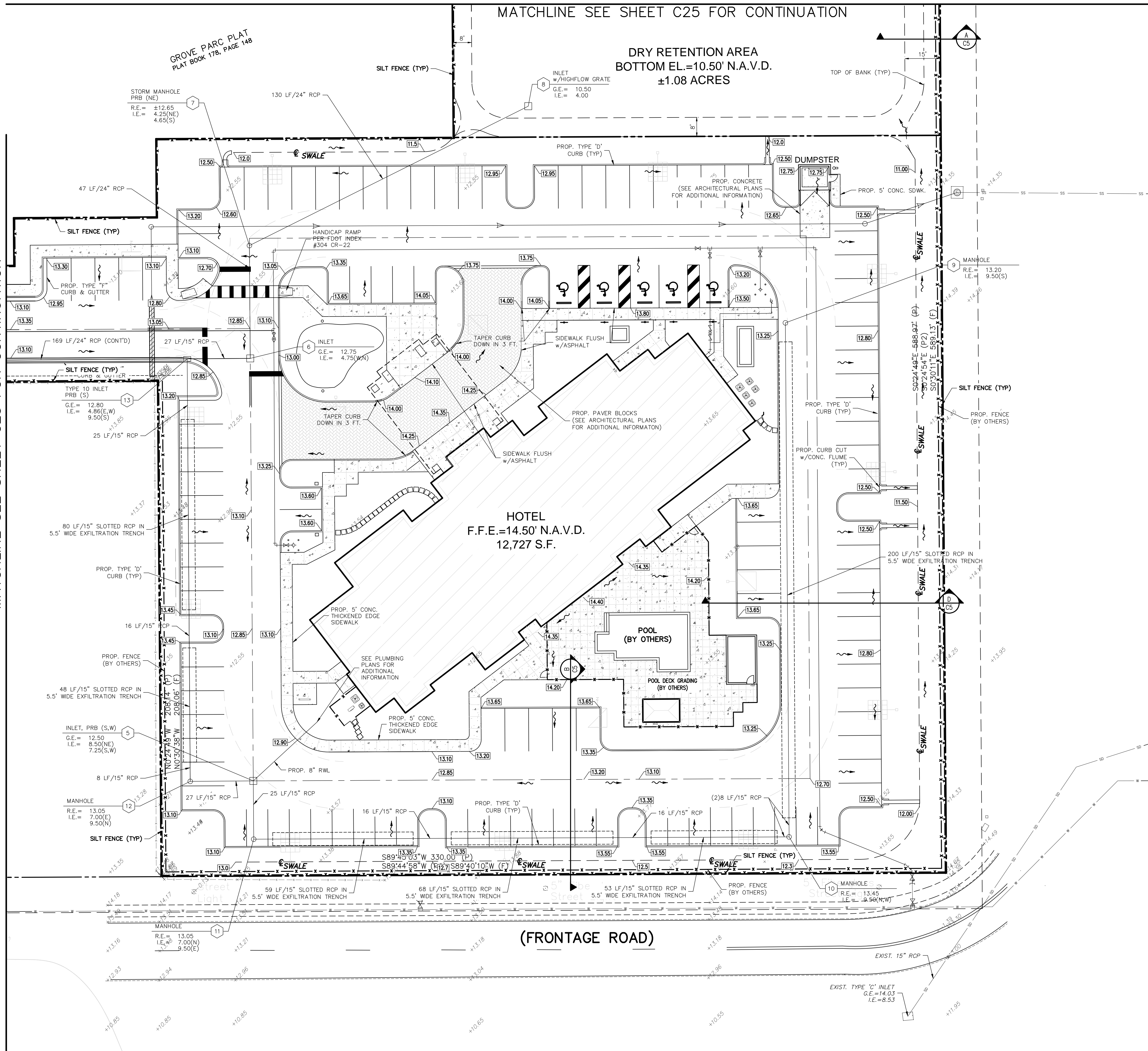


MATCHLINE SEE SHEET C25 FOR CONTINUATION

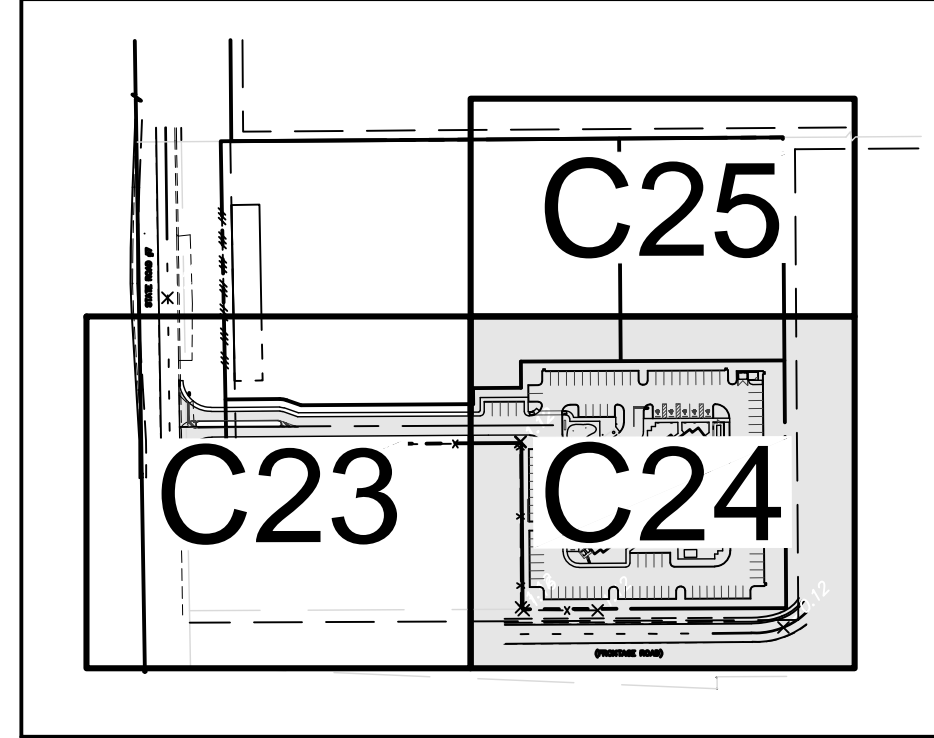
DRY RETENTION AREA  
BOTTOM EL.=10.50' N.A.V.D.  
±1.08 ACRES

GROVE PARC PLAT  
PLAT BOOK 178, PAGE 148

MATCHLINE SEE SHEET C23 FOR CONTINUATION

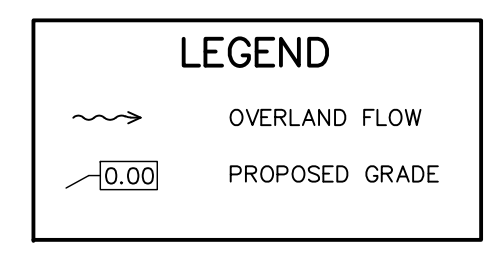


- NOTES:**
1. THIS PLAN REFLECTS REQUIREMENTS APPLICABLE TO PROTECTING SURFACE WATER RESOURCES IN STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY STATE, TRIBAL OR LOCAL OFFICIALS.
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 BEFORE CONSTRUCTION = 0.30  
 DURING CONSTRUCTION = 0.70  
 AFTER CONSTRUCTION = 0.80



KEY MAP

- NOTE:**
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  3. CONTRACTOR SHALL ALSO ADHERE TO THE CITY OF COCONUT CREEK EROSION AND SEDIMENTATION CONTROL STANDARD.



Mar 08 2013  
 CLIFFORD R. LOUTAN, P.E.  
 FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
 North State Road 7  
 Coconut Creek, Florida

REVISION	DATE	DESCRIPTION
DRC	06/05/12	REVISIONS

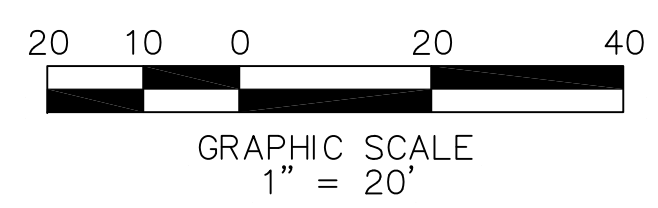
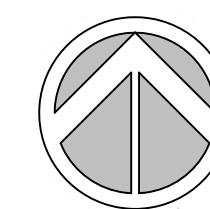
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 04-30-12  
 STORMWATER POLLUTION PREVENTION PLAN

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C24

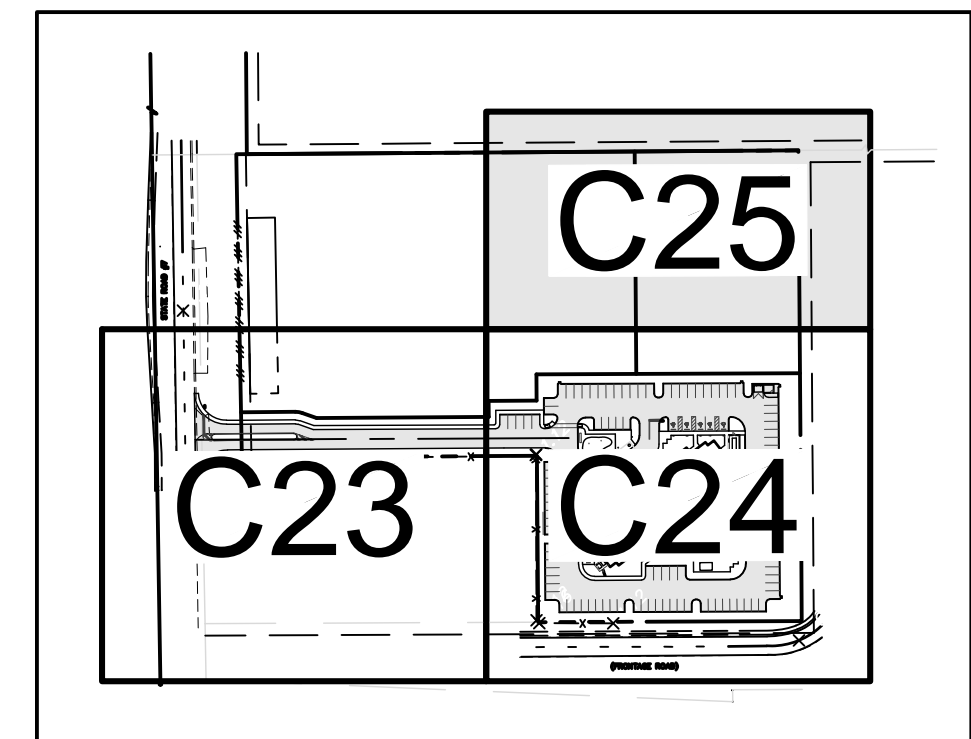
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**NOTES:**  
1. THIS PLAN REFLECTS REQUIREMENTS APPLICABLE TO PROTECTING SURFACE WATER RESOURCES IN STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY STATE, TRIBAL OR LOCAL OFFICIALS.  
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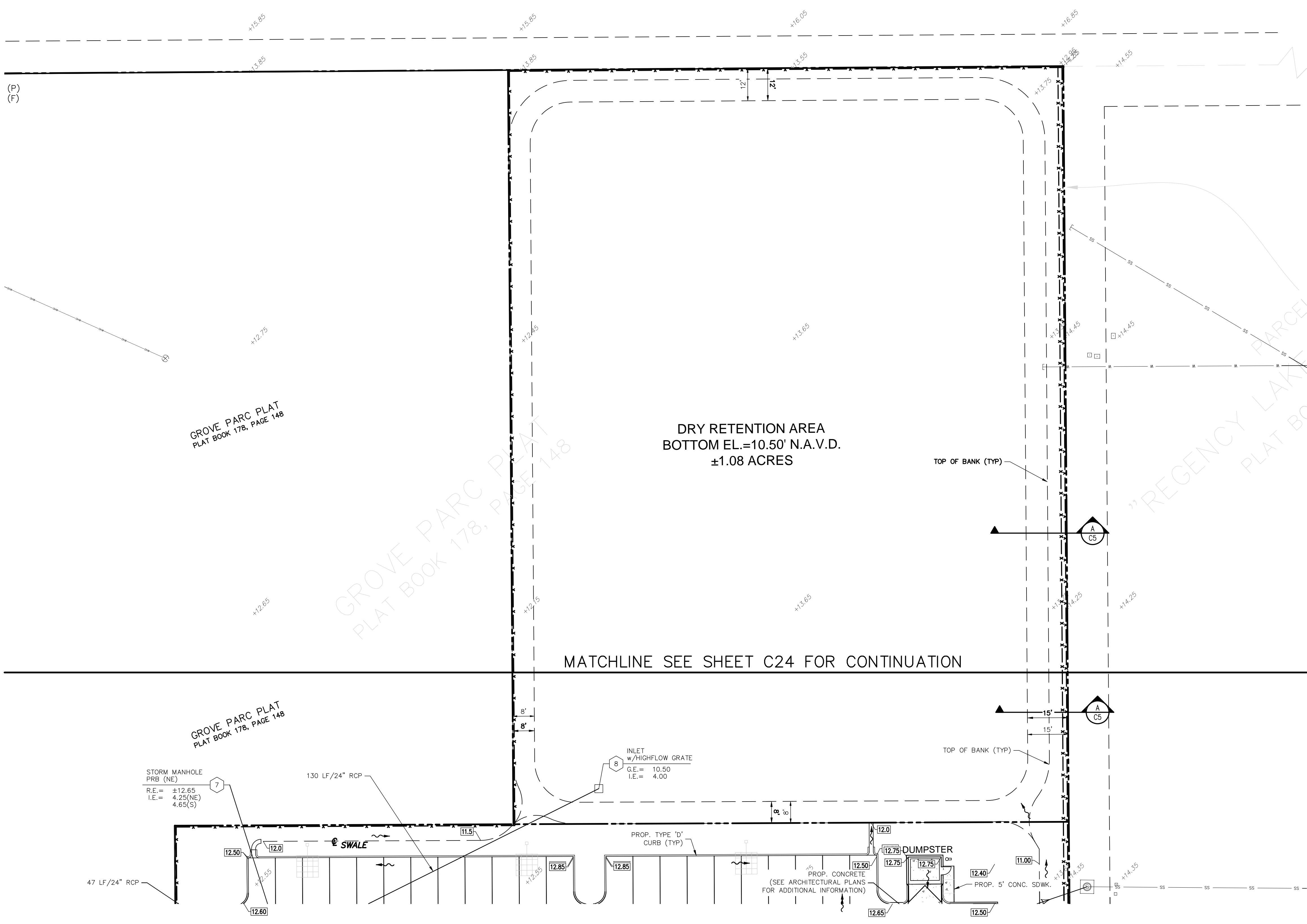
RUNOFF COEFFICIENT "C"  
BEFORE CONSTRUCTION = 0.30  
DURING CONSTRUCTION = 0.70  
AFTER CONSTRUCTION = 0.80



**KEY MAP**

- NOTE:**
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  3. CONTRACTOR SHALL ALSO ADHERE TO THE CITY OF COCONUT CREEK EROSION AND SEDIMENTATION CONTROL STANDARD.

LEGEND	
	OVERLAND FLOW
	PROPOSED GRADE

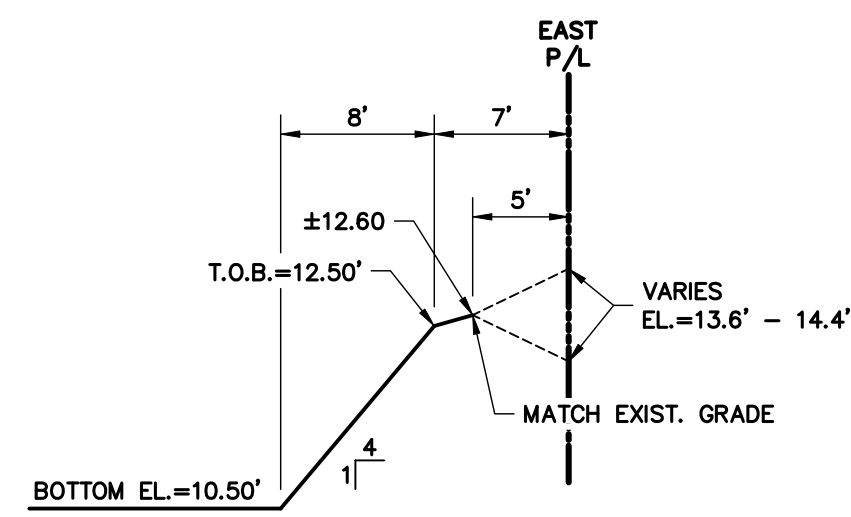


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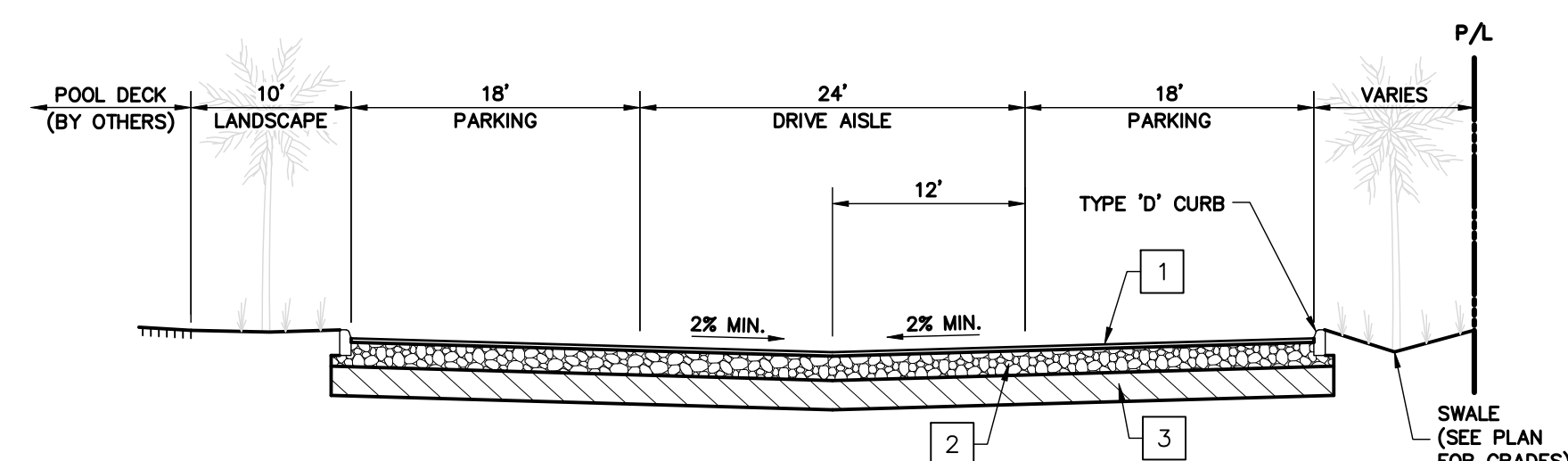
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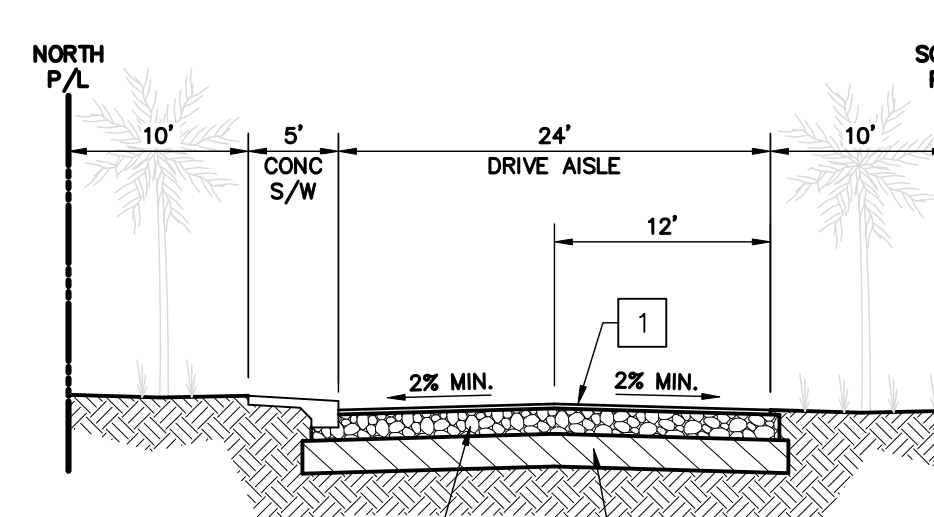
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SECTION A-A

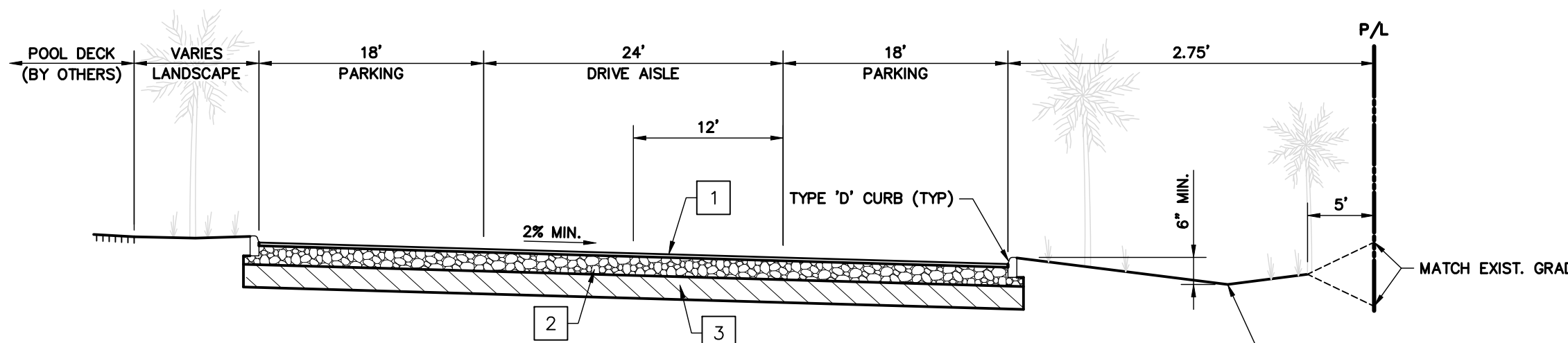


SECTION B-B

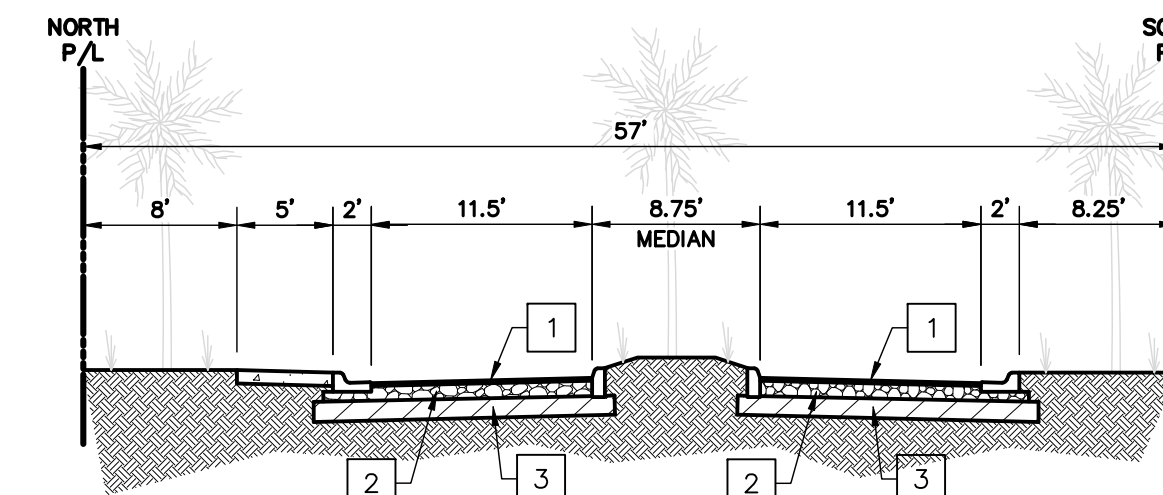


SECTION C-C

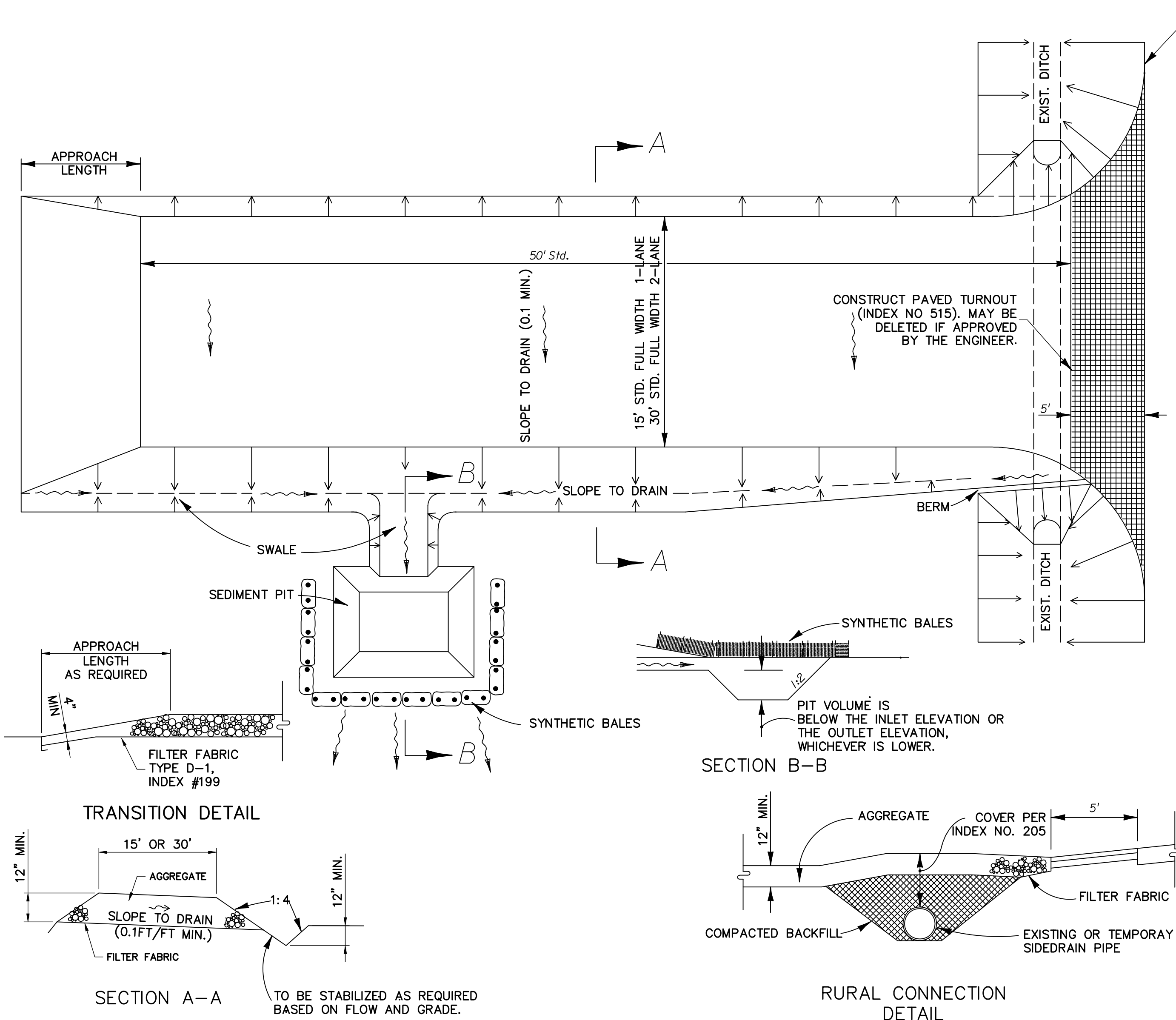
- ON-SITE PAVEMENT NOTES:**
1. THE WEARING SURFACE SHALL BE 1 1/2" THICK DBL. COURSE S-III (2) 3/4" LIFTS. LIMEROCK TO BE PRIMED AND TACK COAT TO BE APPLIED BETWEEN FIRST AND SECOND LIFT OF ASPHALT.
  2. THE BASE COURSE SHALL BE LIMEROCK (MIN. OF 70% CARBONATES, LIQUID LIMIT=35, PLASTICITY 6), 8" THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY. MIN. LBR TO BE 100.
  3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE. SHALL HAVE A MINIMUM DRY DENSITY OF 115 PCF AND SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. SPECIFICATION T-180, METHOD "C". MINIMUM LBR TO BE 40.



SECTION D-D



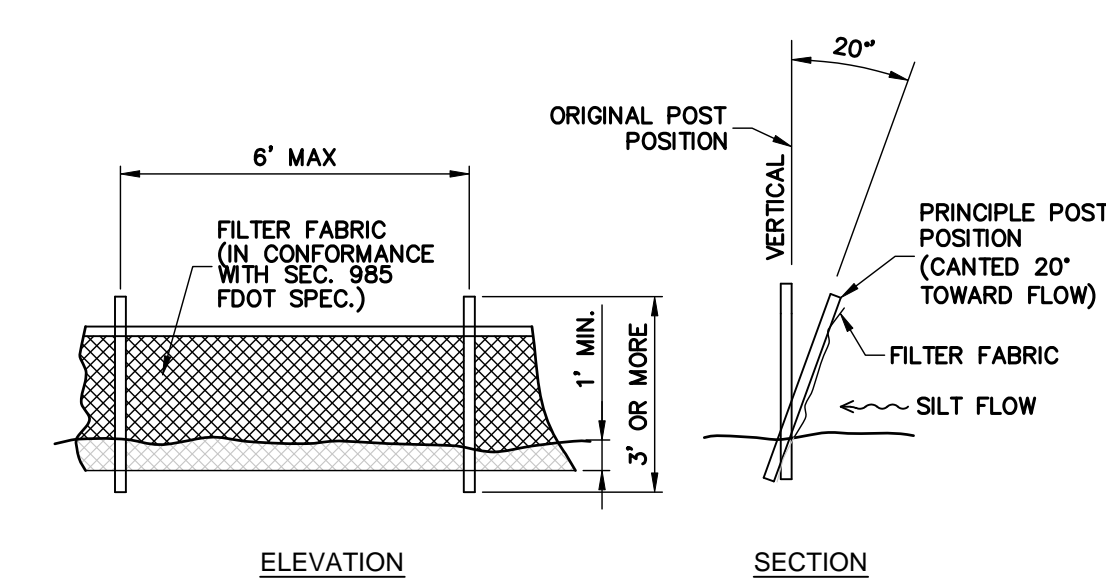
SECTION E-E



SOIL TRACKING PREVENTION DEVICE - TYPE 'A'  
FDOT STD. INDEX #106

**GENERAL NOTES**

1. A SOIL TRACKING PREVENTION DEVICE (S.T.P.D.) SHALL BE CONSTRUCTED AT ALL LOCATIONS DESIGNATED BY THE ENGINEER FOR POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE CONSTRUCTION PROJECT SHALL BE DIRECTED THRU A S.T.P.D. BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE S.T.P.D.
2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER APPROVED TO ITS USE.
3. ALL MATERIALS SPILLED, DROPPED OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE S.T.P.D. AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.
4. AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 EXCLUDING 901-2.3. AGGREGATES SHALL BE FDOT SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT AND ARE UNSUITABLE.
5. THE SEDIMENT PIT SHOULD PROVIDE A RETENTION VOLUME OF 3600 CUBIC FEET/ACRE OF SURFACE AREA DRAINING TO THE PIT. WHEN THE S.T.P.D. IS ISOLATED FROM OTHER DRAINAGE AREAS, THE FOLLOWING PIT VOLUMES WILL SATISFY THIS REQUIREMENT:  
 $15' \times 50' = 100 \text{ FT}^3$      $30' \times 50' = 200 \text{ FT}^3$   
 AS AN OPTION TO THE SEDIMENT PIT, THE WIDTH OF THE SWALE BOTTOM CAN BE INCREASED TO OBTAIN THE VOLUME. WHEN THE SEDIMENT PIT OR SWALE VOLUME HAS BEEN REDUCED TO ONE HALF, IT SHALL BE CLEANED. WHEN A SWALE IS USED, SYNTHETIC BALES OR SILT FENCE SHALL BE PLACED ALONG THE ENTIRE LENGTH.
7. THE SWALE DITCH DRAINING THE S.T.P.D. SHALL HAVE A 0.2% MINIMUM AND A 1.0% MAXIMUM GRADE ALONG THE S.T.P.D. AND TO THE SEDIMENT PIT.
6. MITERED END SECTIONS ARE NOT REQUIRED WHEN THE SIDE DRAIN PIPE SATISFIES THE CLEAR ZONE REQUIREMENTS.
8. THE S.T.P.D. SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION. TO PREVENT OFFSITE TRACKING, THE S.T.P.D. SHALL BE RINSED (DAILY WHEN IN USE) TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE S.T.P.D. MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
9. A S.T.P.D. SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR SOIL TRACKING PREVENTION DEVICE, EA. THE UNIT PRICE SHALL CONSTITUTE FULL COMPENSATION FOR CONSTRUCTION, MAINTENANCE, REPLACEMENT OF MATERIALS, REMOVAL, AND RESTORATION OF THE AREA UTILIZED FOR THE S.T.P.D.; INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING, TEMPORARY PIPE (INCLUDING M.E.S. WHEN REQUIRED), FILTER FABRIC, AGGREGATE, PAVED TURNOUT (INCLUDING ASPHALT AND BASE CONSTRUCTION), DITCH STABILIZATION, APPROACH ROUTE STABILIZATION, SEDIMENT REMOVAL AND DISPOSAL, WATER, RINSING AND CLEANING OF THE S.T.P.D. AND CLEANING OF PUBLIC ROADS, GRASSING AND SOD. SYNTHETIC BALES OR BALE TYPE BARRIER SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR SYNTHETIC HAY BALES, LF. SILT FENCE SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, LF.
10. THE NOMINAL SIZE OF A STANDARD S.T.P.D. IS 15'x50' UNLESS OTHERWISE SHOWN IN THE PLANS. IF THE VOLUME OF ENTERING AND EXITING VEHICLES WARRANT, A 30' WIDTH S.T.P.D. MAY BE USED IF APPROVED BY THE ENGINEER. WHEN A DOUBLE WIDTH (30') S.T.P.D. IS USED, THE PAY QUANTITY SHALL BE 2 FOR EACH LOCATION.



SILT FENCE DETAIL

**Sun-Tech Engineering, Inc.**  
 399 CAMINO GARDENS BLVD.  
 SUITE 202  
 BOCA RATON, FLORIDA 33432  
 V. 561.362.0220  
 F. 561.362.0224  
 www.andersonarchitecture.com

Mar 08 2013  
 CLIFFORD R. LOUTAN, P.E.  
 FL. REG. NO. 56890

A Site Plan Approval for:  
**COCONUT CREEK HOTEL**  
 North State Road 7  
 Coconut Creek, Florida

DATE	06/05/12	DESCRIPTION	
REVISION	DRC	REVISIONS	

3466spp.dwg  
 04-30-12

STORMWATER POLLUTION PREVENTION PLAN

**C26**

AA 001937

**Sun-Tech Engineering, Inc.**  
 Engineers - Planners - Surveyors  
 1600 West Oakland Park Boulevard  
 Ft. Lauderdale, FL 33311  
 www.suntecheng.com  
 Certificate of Auth. # 7097  
 Phone (954)777-3123  
 Fax (954)777-3114