60% CONSTRUCTION PLANS (PROGRESS)

for

ARCHER-BRAID MULTI-USE TRAIL

PHASE 2

ALACHUA COUNTY, FLORIDA

Alachua County, Florida

COUNTY COMMISSIONERS:

MIKE BYERLY, CHAIR

LEE PINKOSON, VICE CHAIR

SUSAN BAIRD

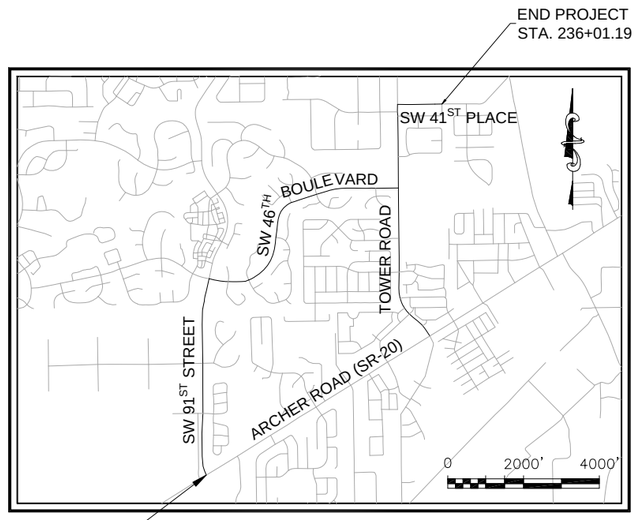
ROBERT HUTCHINSON

CHARLES S. CHESTNUT

GOVERNING STANDARDS & SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2012, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010, AS AMENDED BY CONTRACT DOCUMENTS

DESIGN CRITERIA:
FDOT "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS". MAY 2007 EDITION

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VICINITY MAP

1" = 2000' (22 x 34)
1" = 4000' (11 x 17)

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DECEMBER, 2012

DRMP PROJECT NO. 11-0160.001

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ROADWAY PLANS
ENGINEER OF RECORD: CHRISTOPHER D. TOWNE, P.E.

NOTIFY UNDERGROUND UTILITIES, NOTIFICATION CENTER AT 1-800-432-4770 OR 811 AT LEAST 72 HOURS PRIOR TO START OF WORK.

"THE CONTACT INFORMATION PROVIDED ABOVE IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT SATISFY THE REQUIREMENT OF CHAPTER 556, FLORIDA STATUTES, TO NOTIFY SUNSHINE STATE ONE CALL OF FLORIDA OF AN INTENT TO EXCAVATE OR DEMOLISH."

REVISIONS

NO.	DATE	DESCRIPTION	BY

DESIGNED BY: JFW
DRAWN BY: JFW
CHECKED BY: CDT
APPROVED BY: CDT

COVER SHEET

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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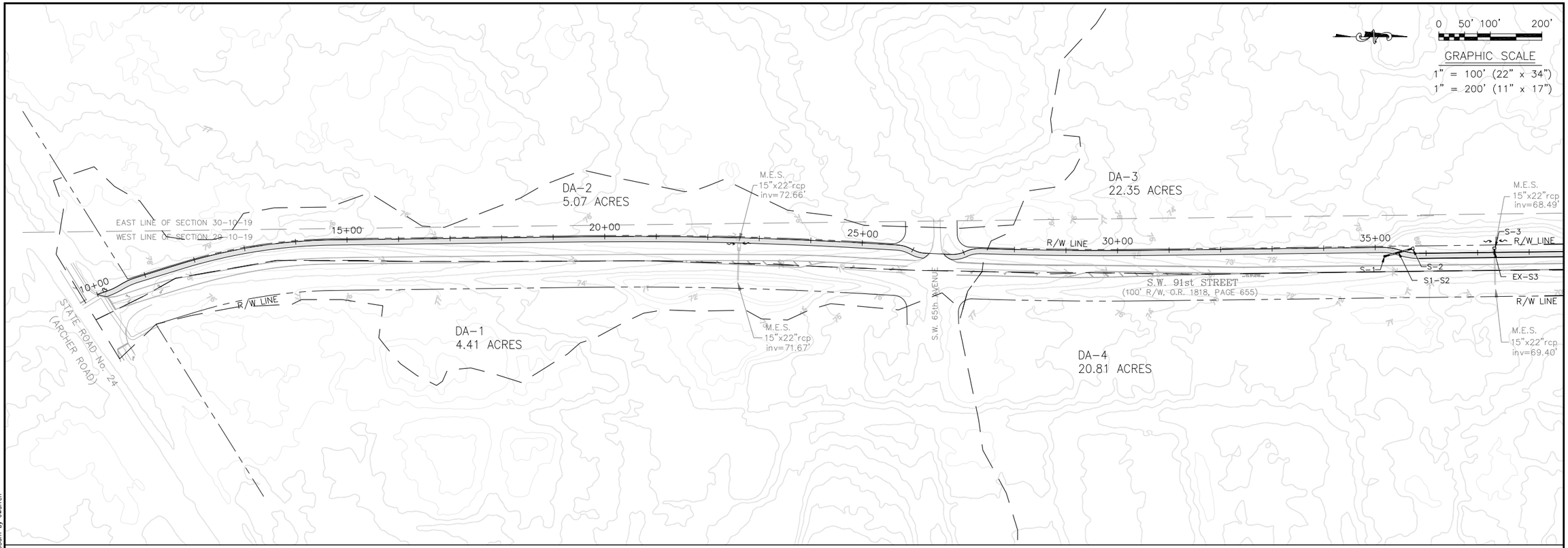
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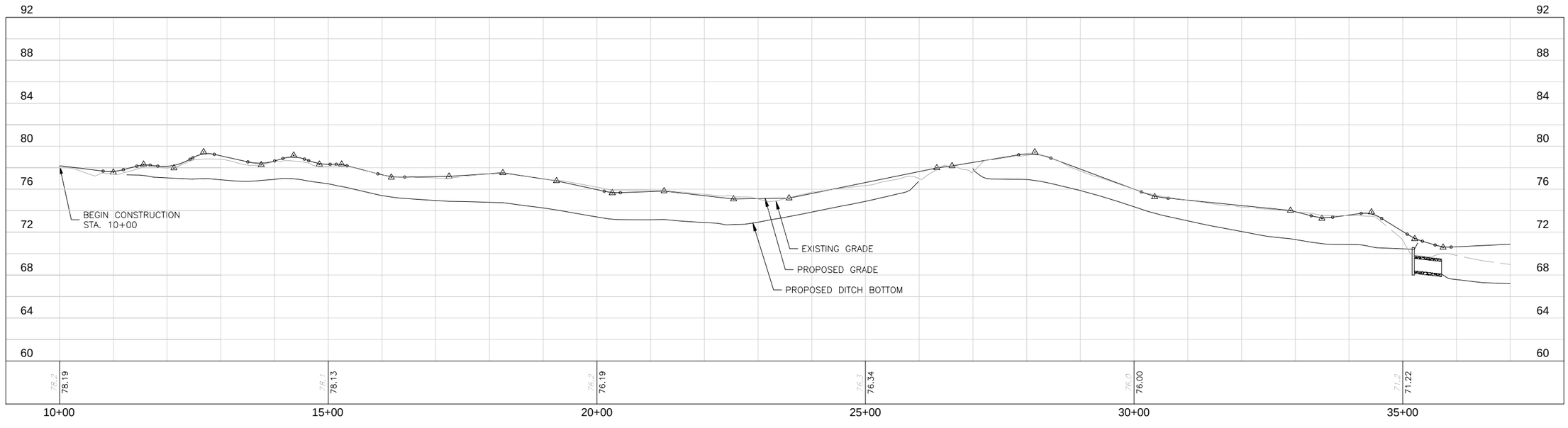
CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000
SCALE: NONE
DATE: DECEMBER 2012
DRAWING: 1

\\srv-gan-fs1\P\Projects\Projects1\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\Cover_Sheet.dwg Plotted: Jan 09, 2013 - 11:35am by jwarren



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NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JMJ	JFW	CDT	JMJ

SW 91ST STREET TRAIL DRAINAGE MAP
STA. 10+00 TO STA. 37+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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80% PLANS
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JOE MONTALTO, JR., P.E.
FLORIDA P.E. NO.: 34315

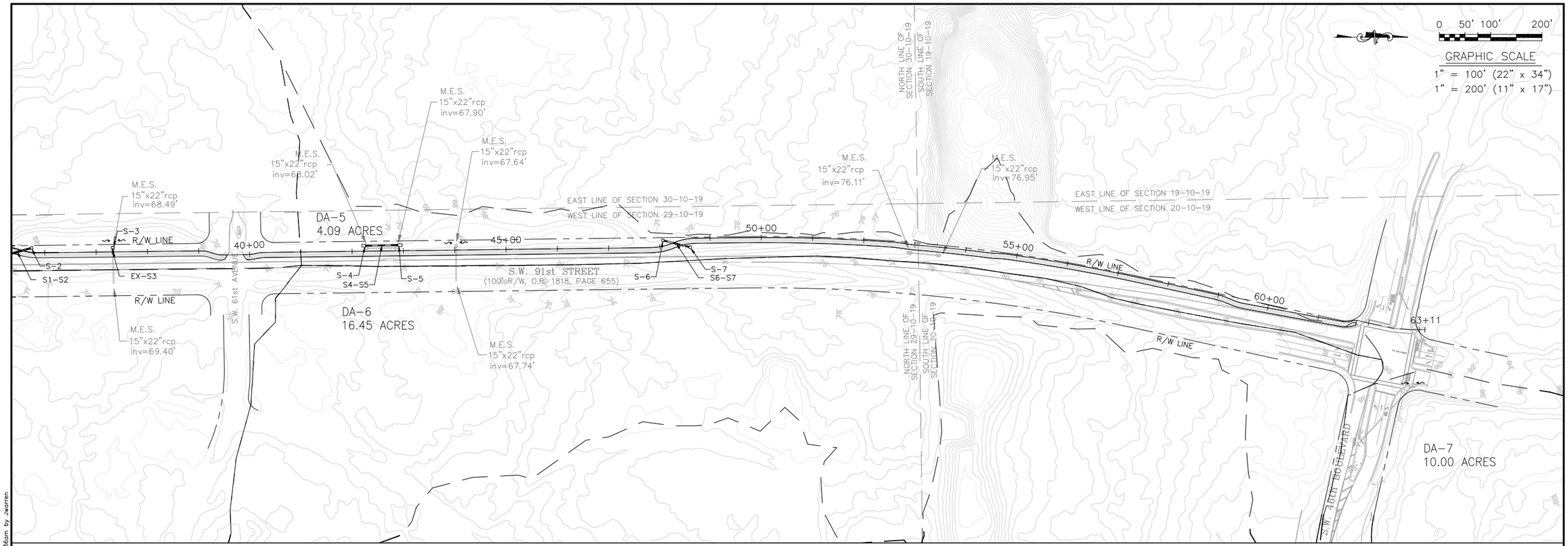
PROJECT NO.: 2011.21

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1" = 5' (VERTICAL)

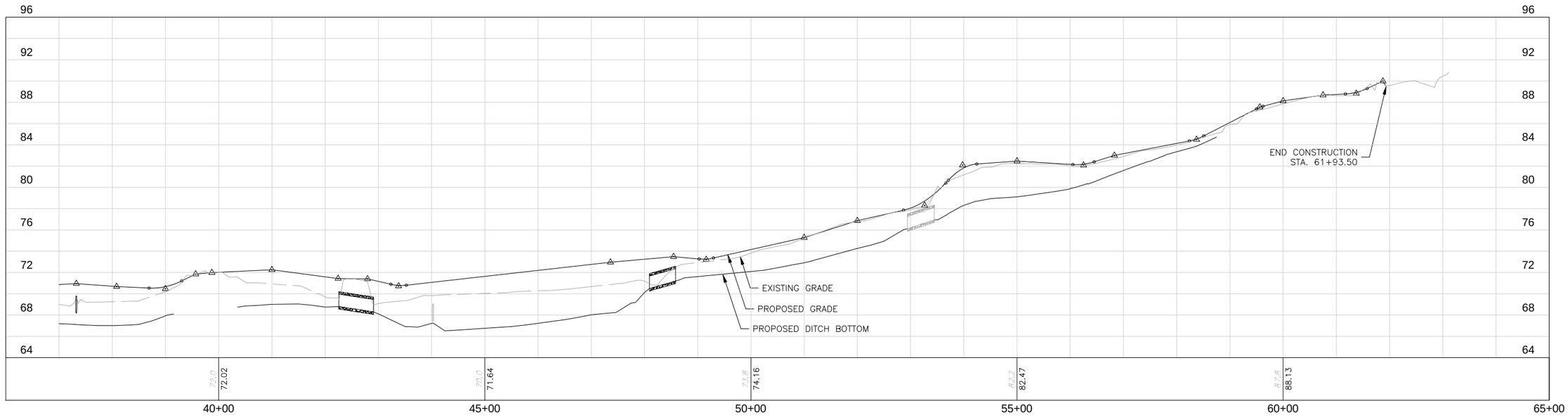
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APPROVED BY	JMJ

SW 91ST STREET TRAIL
DRAINAGE MAP
STA. 37+00 TO STA. 64+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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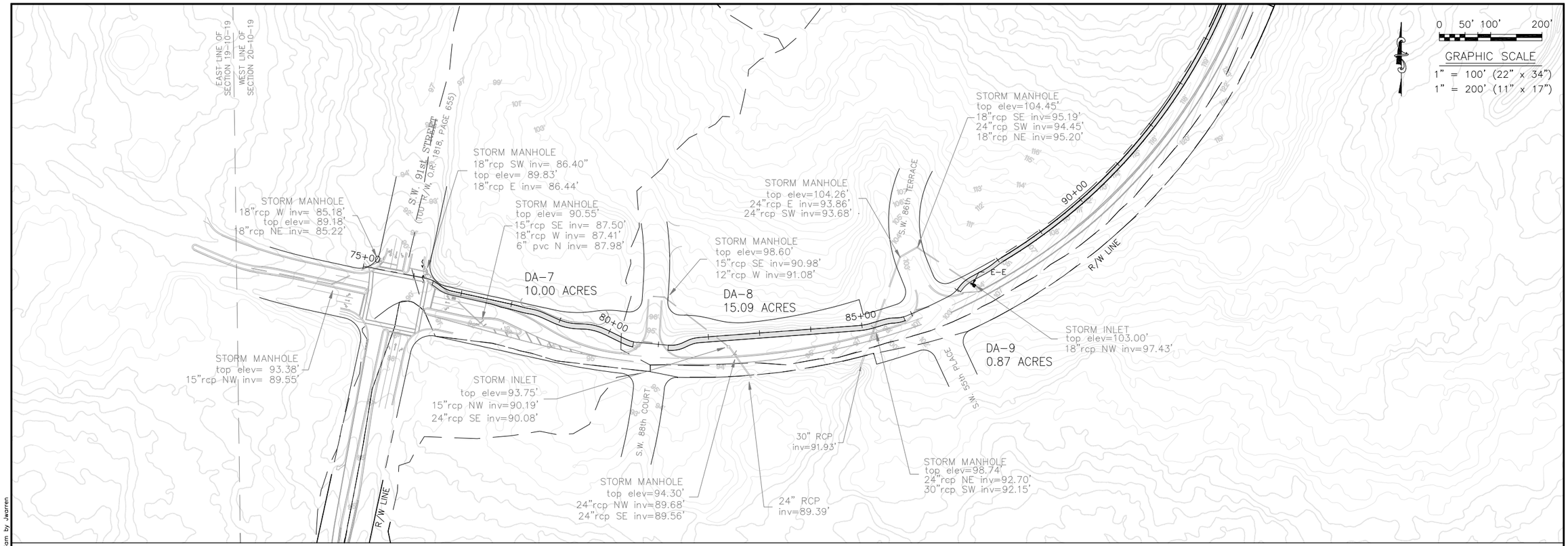
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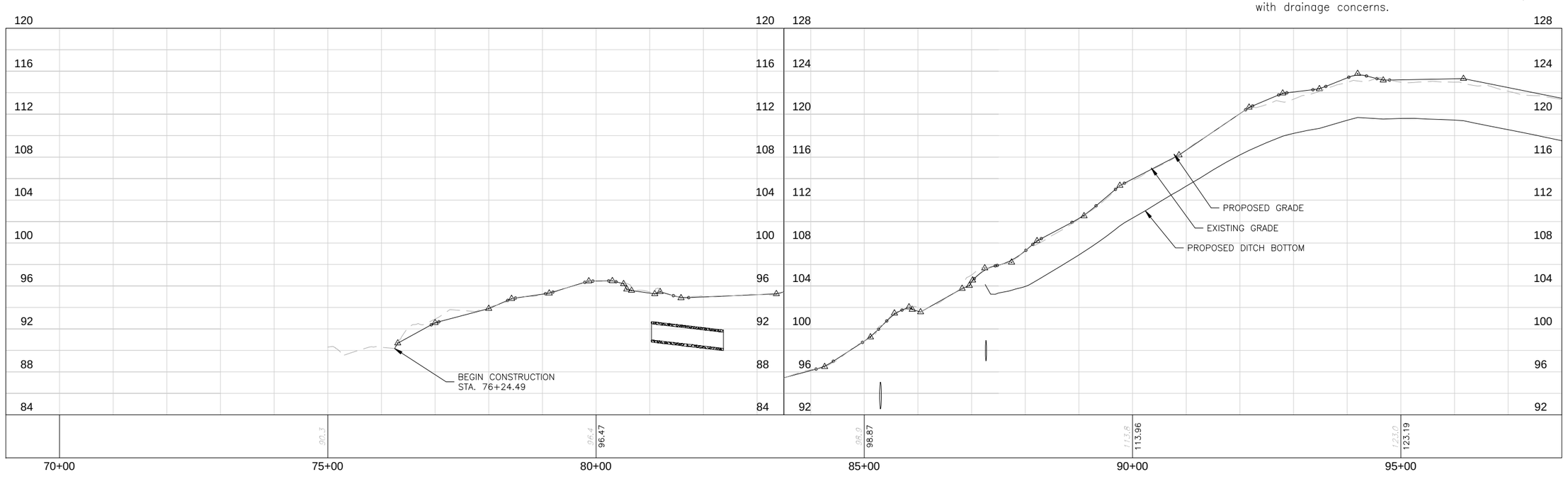
JOE MONTALTO, JR., P.E.
FLORIDA P.E. NO.: 34315

PROJECT NO.: 2011.21
SCALE: 1" = 100' (HORIZONTAL) 1" = 5' (VERTICAL)
DATE: DECEMBER 2012
DRAWING: 3

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SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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SW 46th BOULEVARD TRAIL
DRAINAGE MAP
STA. 70+00 TO STA. 97+00

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FLORIDA P.E. NO.: 34315

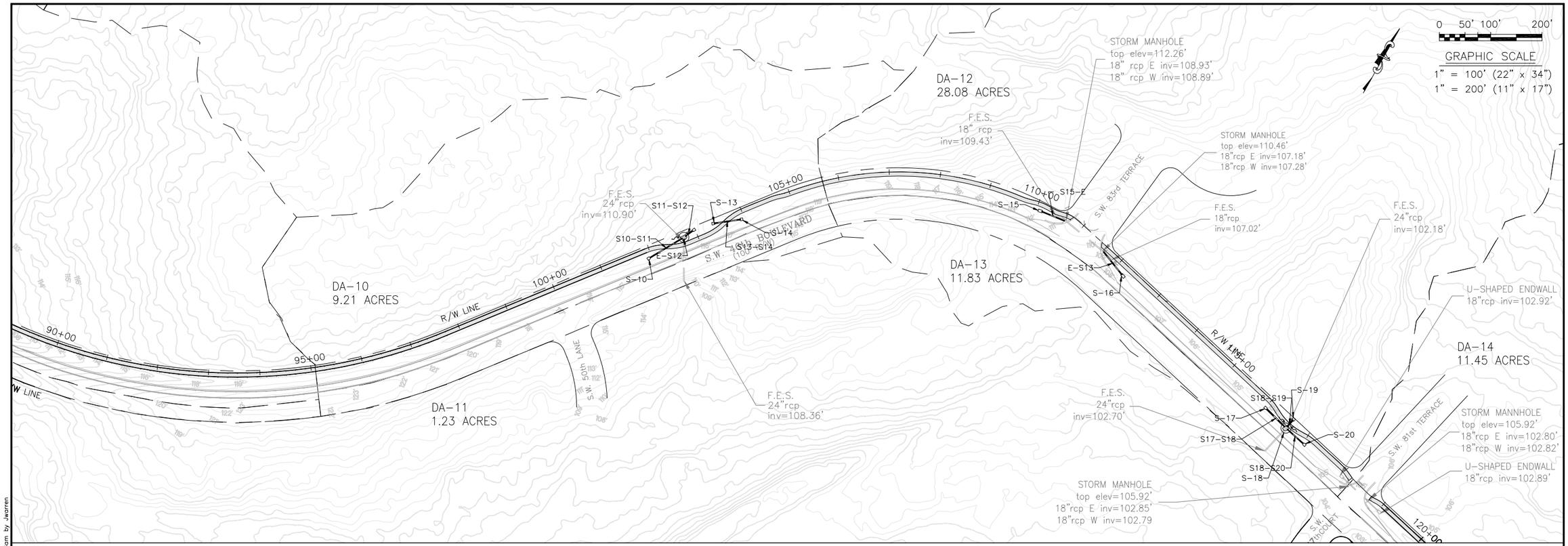
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1" = 5' (VERTICAL)

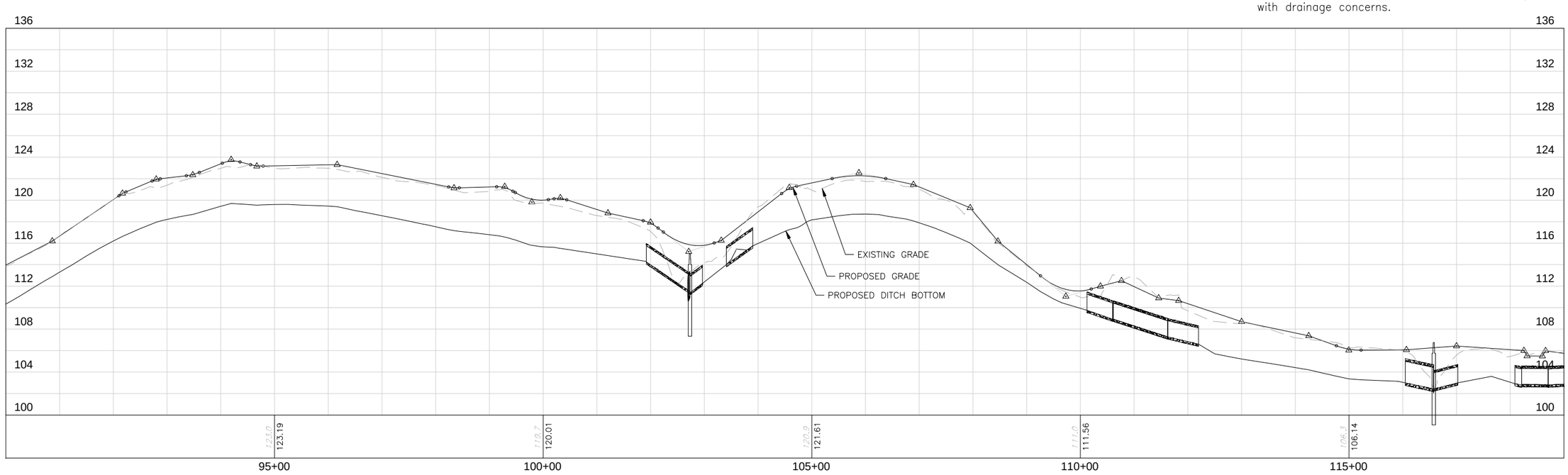
DATE: DECEMBER 2012

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SW 46th BOULEVARD TRAIL
DRAINAGE MAP
STA. 91+00 TO STA. 118

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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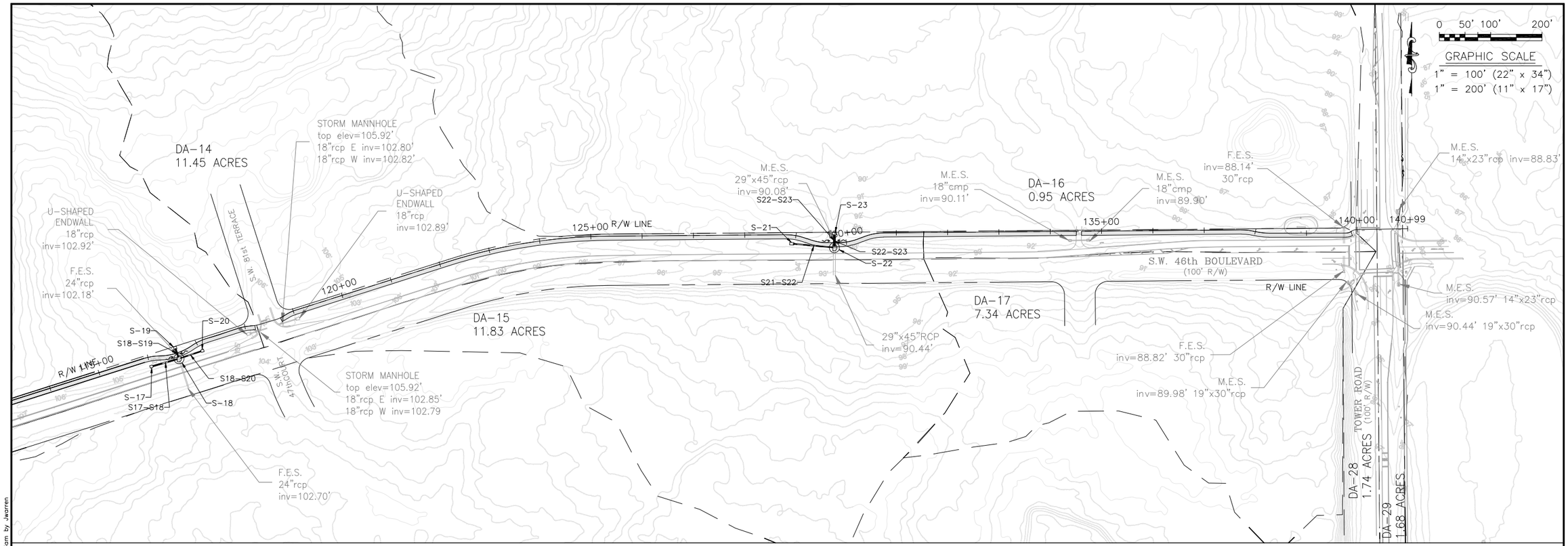
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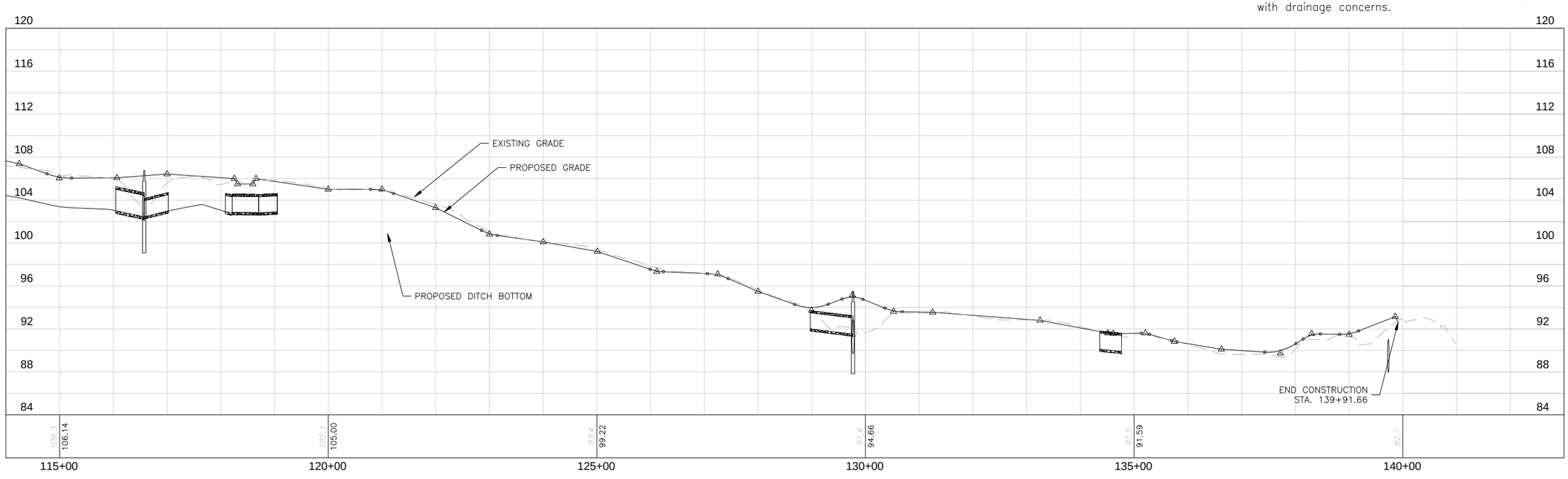
JOE MONTALTO, JR., P.E.
FLORIDA P.E. NO.: 34315

PROJECT NO.: 2011.21
SCALE: 1" = 100' (HORIZONTAL) 1" = 5' (VERTICAL)
DATE: DECEMBER 2012
DRAWING: 5

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SW 46th BOULEVARD TRAIL
DRAINAGE MAP
STA. 115+00 TO STA. 142+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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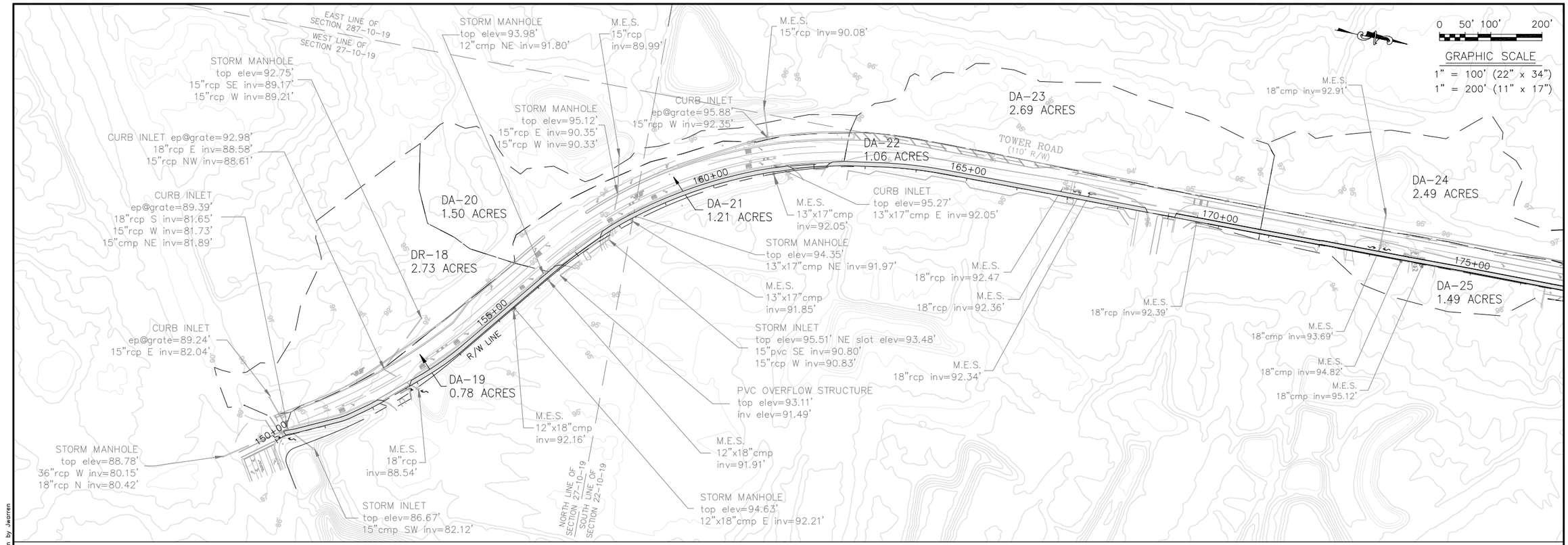
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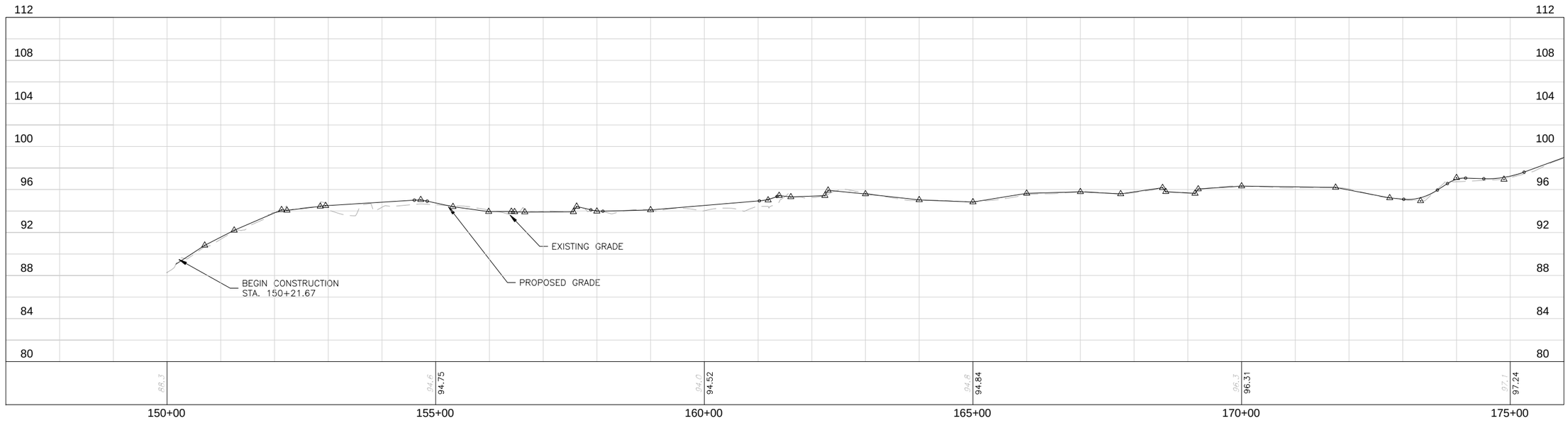
JOE MONTALTO, JR., P.E.
FLORIDA P.E. NO.: 34315

PROJECT NO.: 2011.21
SCALE: 1" = 100' (HORIZONTAL) 1" = 5' (VERTICAL)
DATE: DECEMBER 2012
DRAWING: 6

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DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JMJ	JFW	CDT	JMJ

TOWER ROAD TRAIL
DRAINAGE MAP
STA. 148+00 TO STA. 175+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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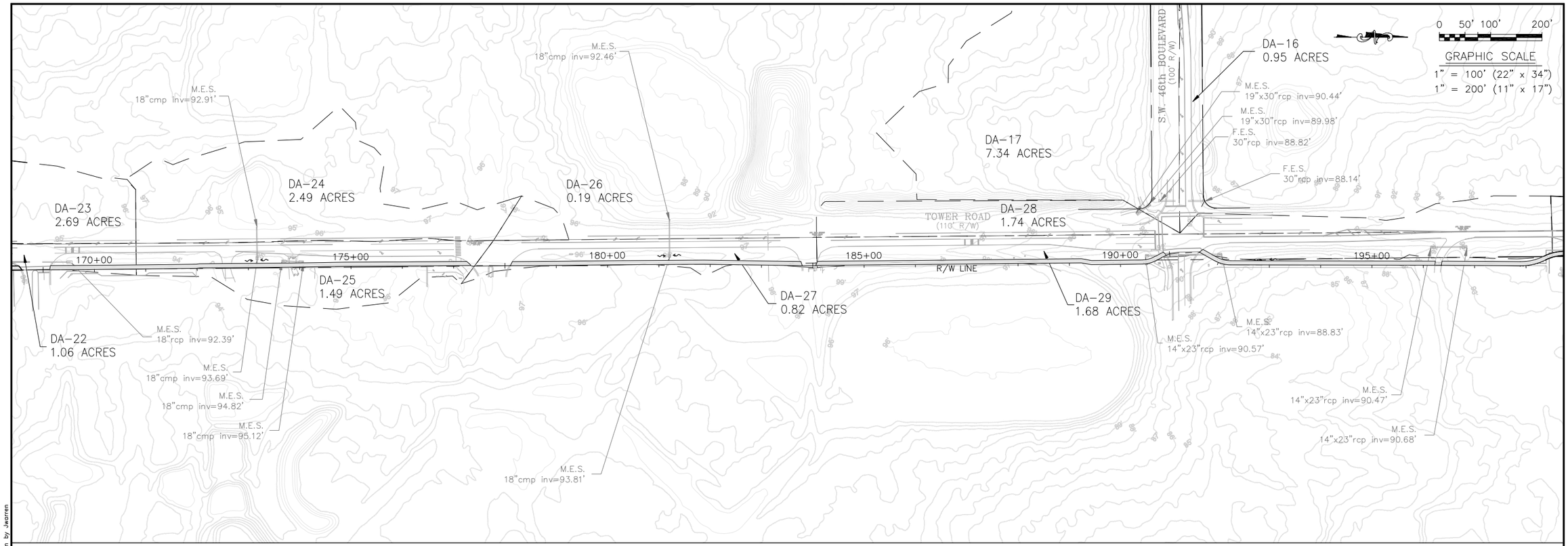
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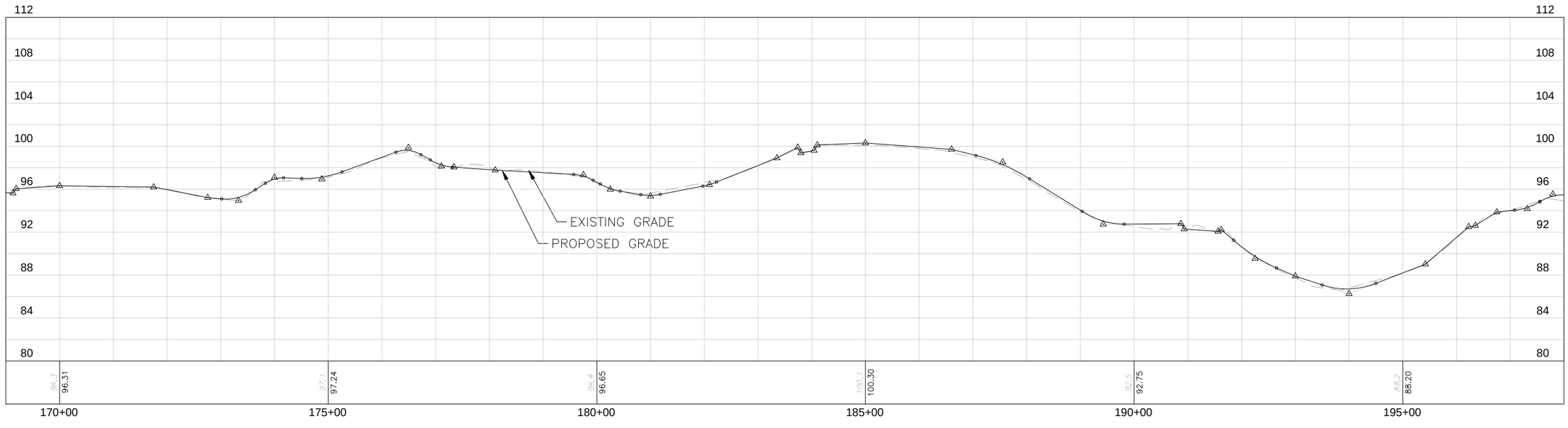
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FLORIDA P.E. NO.: 34315

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DRAWING: 7

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TOWER ROAD TRAIL
DRAINAGE MAP
STA. 170+00 TO STA. 197+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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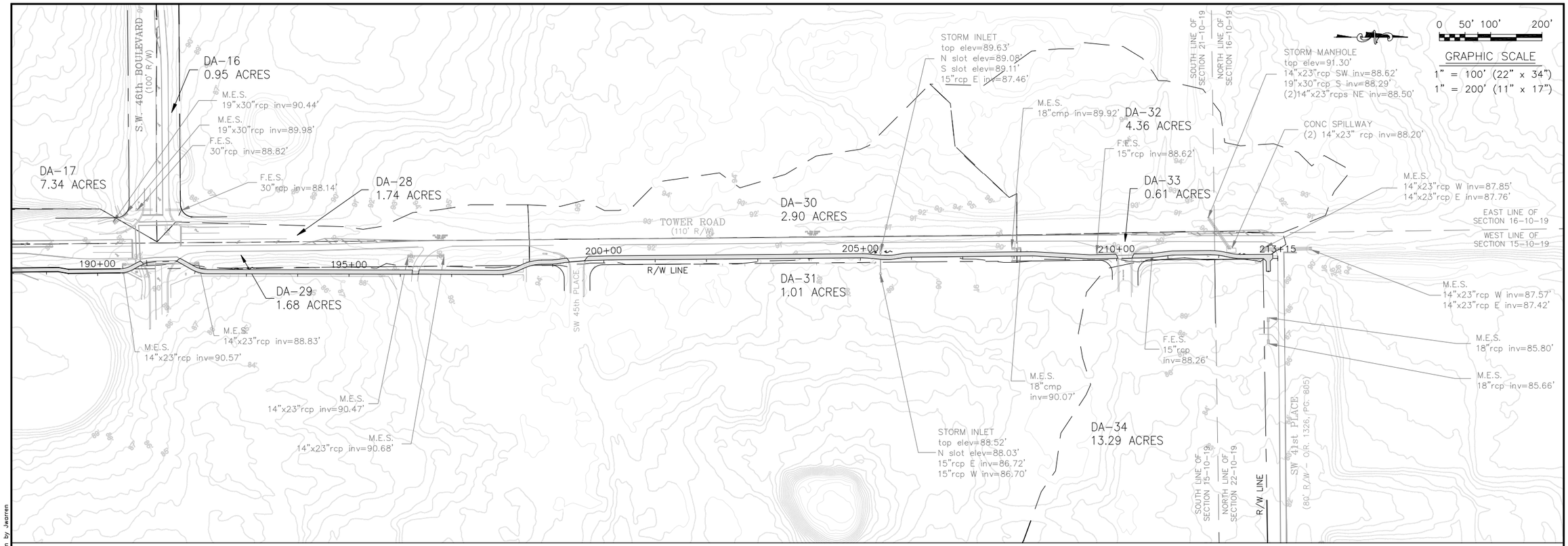
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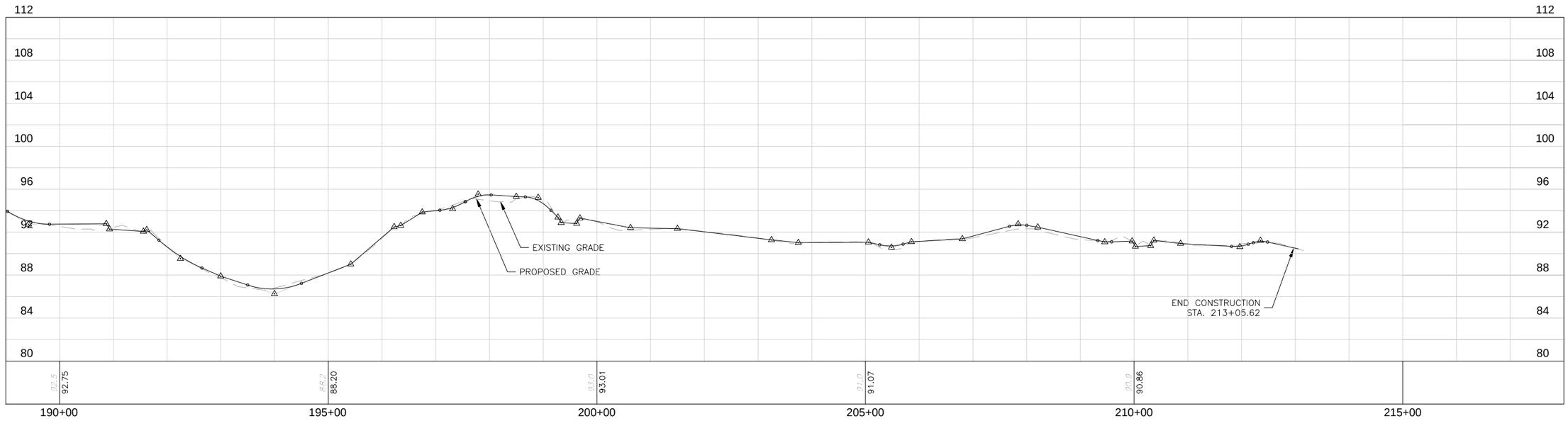
JOE MONTALTO, JR., P.E.
FLORIDA P.E. NO.: 34315

PROJECT NO.: 2011.21
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DATE: DECEMBER 2012
DRAWING: 8

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TOWER ROAD TRAIL
DRAINAGE MAP
STA. 190+00 TO STA. 217+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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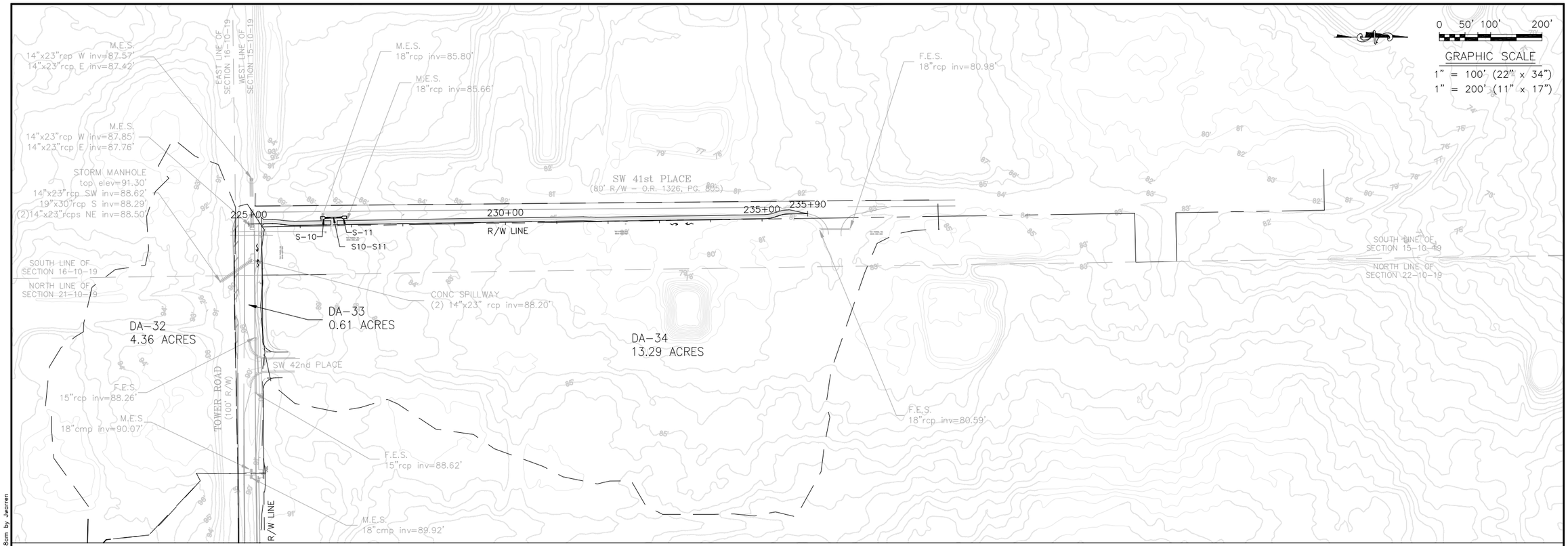
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1" = 5' (VERTICAL)

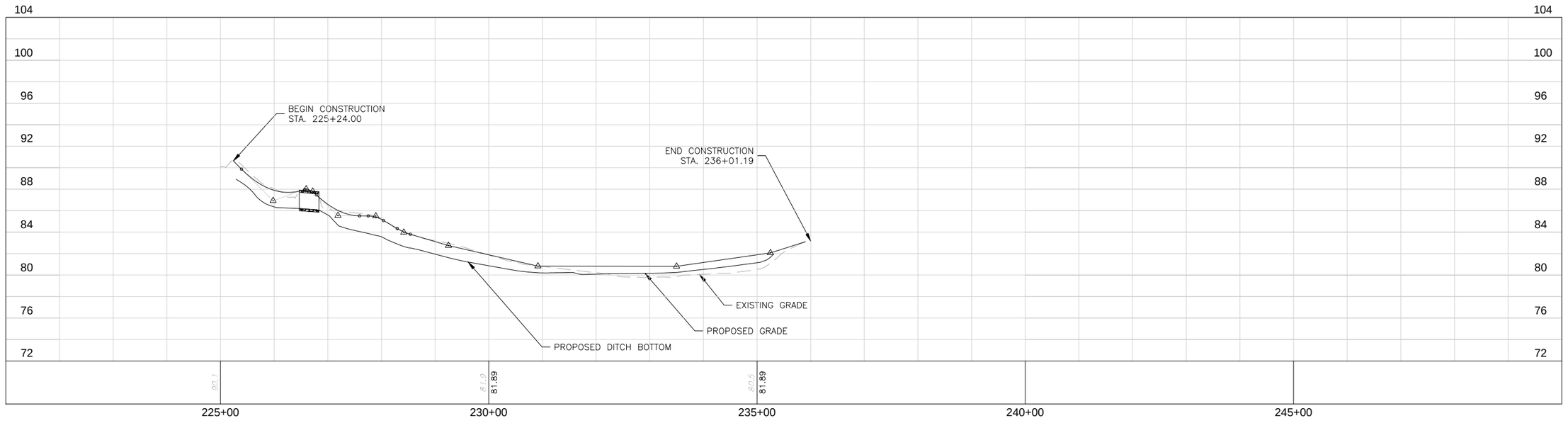
DATE: DECEMBER 2012

DRAWING: 9

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APPROVED BY	JMJ

SW 41ST STREET TRAIL
DRAINAGE MAP
STA. 225+00 TO STA. 249+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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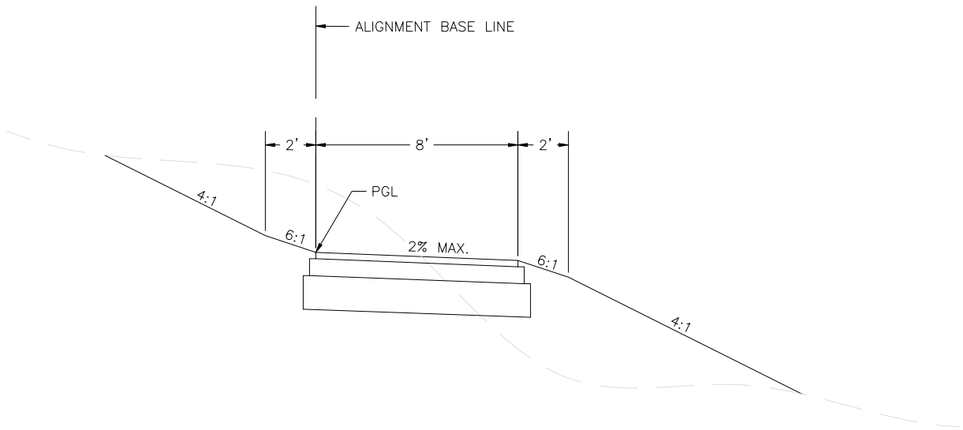
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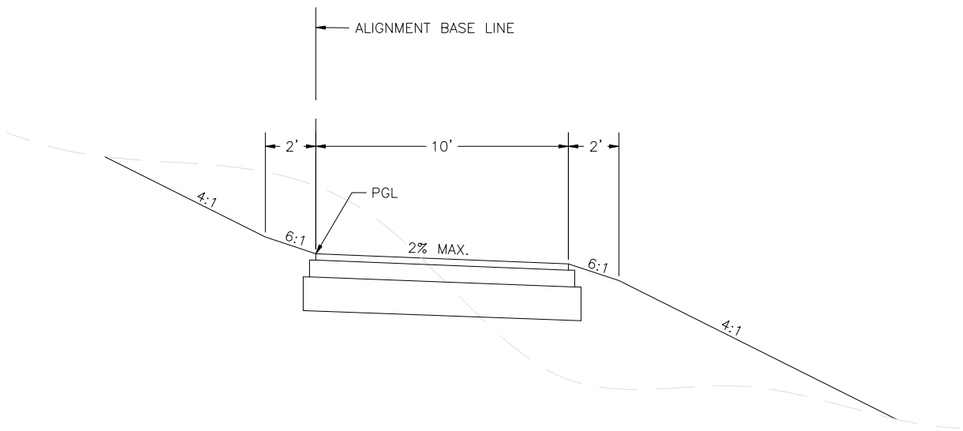
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SCALE: 1" = 100' (HORIZONTAL) 1" = 5' (VERTICAL)
DATE: DECEMBER 2012
DRAWING: 10

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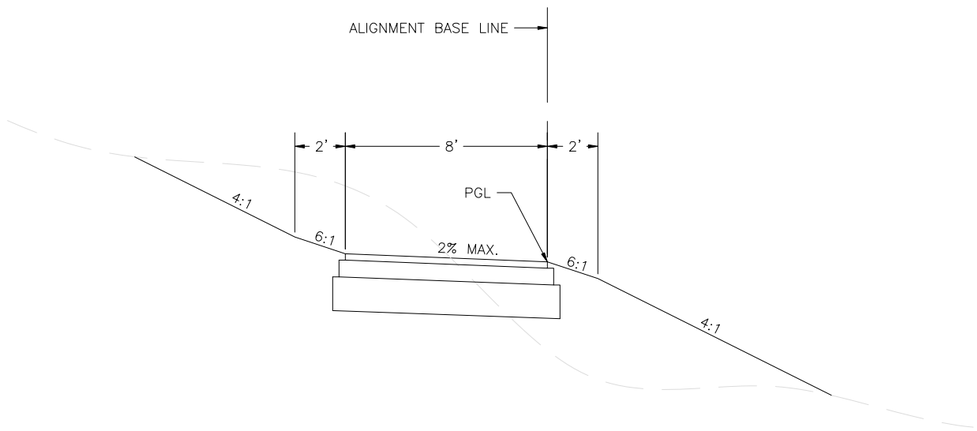
TYPICAL SECTION

SW 46TH BOULEVARD



TYPICAL SECTION

SW 91ST STREET



TYPICAL SECTION

SW 75TH STREET
SW 41ST PLACE

REVISIONS			
NO.	DATE	DESCRIPTION	BY

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CHECKED BY	CDT	APPROVED BY	CDT

TYPICAL SECTIONS

SITE ENGINEERING PLANS FOR
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PHASE 2
ALACHUA COUNTY, FLORIDA

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60% PLANS
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000

SCALE: 1" = 3'

DATE: DECEMBER 2012

DRAWING: 11

\\srv-gnn-fs1\P\Projects\Projects11\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\Typical_Sections.dwg Plotted: Jan 09, 2013 – 11:38am by jwarren

GENERAL NOTES:

THIS DESIGN HAS BEEN BASED UPON TOPOGRAPHICAL FIELD SURVEY BY ENG, DENMAN AND ASSOCIATES, INC.

CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE, INCLUDING ALL SURFACE AND SUB-SURFACE CONDITIONS, THE WORK REQUIRED AND ALL OTHER CONDITIONS THAT MAY EFFECT THE SUCCESSFUL COMPLETION OF THE JOB PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND PERMIT CONDITIONS BEARING ON THE CONDUCT OF THE WORK, AS DRAWN AND SPECIFIED. IF THE CONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT VARIANCE THEREWITH, HE SHALL PROMPTLY NOTIFY THE ENGINEER, IN WRITING, AND ANY NECESSARY CHANGES SHALL BE ADJUSTED, AS PROVIDED IN THE AGREEMENT FOR CHANGES IN THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER AND THE ENGINEER FOR THE ACTS AND OMISSIONS OF CONTRACTOR'S EMPLOYEES AND ALL HIS SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH GOVERNMENTAL DEPARTMENTS, PUBLIC UTILITIES, PUBLIC CARRIERS, SERVICE COMPANIES, AND CORPORATIONS OWNING OR CONTROLLING ROADWAYS, RAILWAYS, WATER, SEWER, GAS, ELECTRICAL, TELEPHONE, AND TELEGRAPH FACILITIES SUCH AS PAVEMENTS, TRACKS, PIPING, WIRES, CABLES, CONDUITS, POLES, GUYS, OR OTHER SIMILAR FACILITIES, INCLUDING INCIDENTAL STRUCTURES CONNECTED THEREWITH THAT ARE ENCOUNTERED IN THE WORK IN ORDER THAT SUCH ITEMS MAY BE PROPERLY SUPPORTED, PROTECTED OR LOCATED.

UNLESS OTHERWISE SPECIFIED IN THE GENERAL CONDITIONS, ALL CONSTRUCTION IS TO BE GOVERNED BY THE PLANS, APPLICABLE PERMITS, AND SPECIFICATIONS HEREIN, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING AND SAFETY CODES, LAWS AND ORDINANCES.

PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC OR UTILITY RIGHT-OF-WAY, CONTRACTOR SHALL OBTAIN AUTHORIZATION AND PERMIT FROM JURISDICTION RESPONSIBLE FOR SUCH RIGHT-OF-WAY. IN ADDITION, CONTRACTOR SHALL CONTACT SUNSHINE ONE CALL (811) AT LEAST 72 HOURS PRIOR TO START OF WORK.

PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC RIGHT-OF-WAY, CONTRACTOR SHALL DEVELOP AND IMPLEMENT A TRAFFIC CONTROL PLAN CONSISTENT WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

IN THE EVENT THE CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS HE SHALL IMMEDIATELY NOTIFY THE OWNER OR OWNER'S AGENT.

CONTRACTOR SHALL PRESERVE AND PROTECT ALL PERMANENT REFERENCE MONUMENTS, PERMANENT CONTROL POINTS, PERMANENT BENCH MARKS AND PROPERTY CORNERS. IN THE EVENT THE MONUMENTS, POINTS OR MARKERS ARE DISTURBED THE CONTRACTOR SHALL EMPLOY A FLORIDA REGISTERED LAND SURVEYOR TO RESET OR REPLACE THEM.

THE OWNER, OWNER'S AGENT AND INSPECTORS OF APPLICABLE GOVERNMENT JURISDICTIONS, SHALL AT ALL TIMES HAVE ACCESS TO THE WORK WHEREVER AND WHENEVER IT IS IN PREPARATION OR PROGRESS; AND THE CONTRACTOR SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND FOR THE INSPECTION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL REASONABLE AND PRUDENT PRECAUTIONS TO INSURE THAT ALL COMPLETED WORK, MATERIALS AND EQUIPMENT STORED ON SITE ARE SAFE AND SECURED FROM UNAUTHORIZED ACCESS OR USE. SUCH PRECAUTIONS MAY INCLUDE INSTALLATION OF SIGNS, FENCES, OR POSTING OF SECURITY GUARDS.

CONTRACTOR SHALL, AT ALL TIMES, UTILIZE ALL NORMALLY ACCEPTED AND REASONABLY EXPECTED SAFETY PRACTICES AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND GUIDELINES PERTAINING TO SAFE UTILIZATION OF EQUIPMENT OR MATERIALS AS PUBLISHED BY MANUFACTURER.

PRIOR TO INITIATING ANY EXCAVATION (INCLUDING BUT NOT LIMITED TO TUNNELS, DITCHES, STORMWATER PONDS, CANALS, ARTIFICIAL LAKES) CONTRACTOR SHALL INSTALL FENCES AND TAKE ALL OTHER REASONABLE AND PRUDENT STEPS TO INSURE THAT ACCESS TO EXCAVATION BY UNAUTHORIZED PERSONNEL IS PREVENTED.

CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE PROVISIONS OF THE FLORIDA STATE TRENCH SAFETY ACT.

ADEQUATE TRAFFIC CONTROL, BARRICADES AND FLAGMAN SERVICES SHALL BE FURNISHED AND MAINTAINED BY THE CONTRACTOR AT ALL POINTS WHERE CONVEYING EQUIPMENT ENGAGED ON THE WORK REGULARLY ENTERS ONTO OR CROSSES TRAFFIC-CARRYING ROADS.

THE CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE FEDERAL OCCUPATIONAL HEALTH AND SAFETY ACT OF 1970 AND ALL RULES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER SAID ACT, AND THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY AND ALL APPLICABLE STATE LAWS AND REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH.

THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT AN EROSION CONTROL PLAN TO MINIMIZE EROSION AND INSURE FUNCTIONING OF STORMWATER MANAGEMENT SYSTEM UPON COMPLETION OF CONSTRUCTION.

GENERAL NOTES (CONT):

CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE DISCHARGE, RELEASE OR DISPOSAL OF ANY HAZARDOUS MATERIAL CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH SPILL ON PERSONS OR PROPERTY.

THE EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AS TO SIZE, LOCATION, AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.

SURVEY NOTES:

1) ELEVATIONS SHOWN HEREON WERE BASED ON AN ELEVATION OF 104.23 FEET (NGVD 1929 DATUM) ON FLORIDA DEPARTMENT OF TRANSPORTATION BENCHMARK STATION I75 G 6 ON THE TOP NORTHEAST GUARDRAIL FOR SOUTHWEST 20TH AVENUE BRIDGE OVER INTERSTATE ROUTE 75.
2) ALL CURB TYPES AS SHOWN ARE PER FLORIDA DEPARTMENT OF TRANSPORTATION INDEX 300.
3) UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM PREVIOUS SURVEYS PERFORMED BY THIS OFFICE AND UTILITY LOCATION MARKINGS PRESENT WHILE THIS SURVEY WAS BEING PERFORMED. NO UNDERGROUND UTILITIES, WITH THE EXCEPTION OF ACCESSIBLE SANITARY AND STORM SEWER STRUCTURES, WERE VERIFIED FOR THE PURPOSES OF THIS SURVEY.
4) NO SEARCH OF THE PUBLIC RECORDS WAS MADE BY THE SURVEYOR, THEREFORE, THERE MAY BE RESTRICTIONS OTHER THAN THOSE SHOWN HEREON WHICH MAY BE FOUND IN THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA.

TREE LEGEND:

ONLY TREES WITH A DIAMETER 8" AND GREATER WERE LOCATED FOR THIS SURVEY.
(DIAMETER MEASURED 4.5' ABOVE GRADE)
(SOME SMALLER TREES SHOWN HEREON ARE FROM A PREVIOUS SURVEY)

LOCATION	SPECIES	DIAMETER AT BREAST HEIGHT IN INCHES	
⊙	ch11.	=	11" CHERRY
•	crm1.	=	1" CRAPE MYRTLE
○	el7.	=	7" ELM
•	ho1.	=	1" HOLLY
⊙	lao12.	=	12" LAUREL OAK
◉	lo14.	=	14" LIVE OAK
•	lq2.	=	2" LOQUAT
•	mg1.	=	1" MAGNOLIA
○	mb8.	=	8" MULLBERRY
◉	pa12.	=	12" PALM
◉	pi18.	=	18" PINE
○	sb10.	=	10" SUGARBERRY

LEGEND OF SYMBOLS & ABBREVIATIONS:

APPROX.	=	APPROXIMATE
BFPR	=	WATERLINE BACKFLOW PREVENTER
cmp	=	CORRUGATED METAL PIPE
cpe	=	CORRUGATED POLY-ETHYLENE PIPE
CONC	=	CONCRETE
CTVBOX	=	CABLE TELEVISION BOX
DIA	=	DIAMETER
dip	=	DUCTILE IRON PIPE
EJB	=	ELECTRICAL JUNCTION BOX
ELEV	=	ELEVATION
ep	=	EDGE OF PAVEMENT
F.E.S.	=	FLARED END SECTION
FOCJB	=	FIBER OPTIC CABLE JUNCTION BOX
FOCMH	=	FIBER OPTIC CABLE MANHOLE
FOC PED	=	FIBER OPTIC CABLE PEDESTAL
ID.	=	IDENTIFICATION
INFO	=	INFORMATION
inv	=	INVERT
F.D.O.T.	=	FLORIDA DEPARTMENT OF TRANSPORTATION
F.F.	=	FINISHED FLOOR
M.E.S.	=	MITERED END SECTION
No.	=	NUMBER
O.D.	=	OUTSIDE DIAMETER
O.R.	=	OFFICIAL RECORDS BOOK
PGS.	=	PAGES
PVC	=	POLY-VINYL CHLORIDE
RCP	=	REINFORCED CONCRETE PIPE
RWMH	=	RECLAIMED WATER MANHOLE
R/W	=	RIGHT OF WAY
SECTION 28-10-19	=	SECTION 28, TOWNSHIP 10 SOUTH, RANGE 19 EAST
SIGCAB	=	TRAFFIC SIGNAL CABINET
TEL CAB	=	TELEPHONE CABINET
TMH	=	TELEPHONE MANHOLE
TVHH	=	CABLE TELEVISION HANDHOLE
swgear	=	ELECTRICAL SWITCHGEAR PAD
TRAN	=	ELECTRICAL TRANSFORMER PAD
VCP	=	VITRIFIED CLAY PIPE
w/	=	WITH
ANCH ⟵	=	GUY ANCHOR
○ BO	=	WATER BLOW OFF
⊞ EM	=	ELECTRIC METER
■	=	FOUND CONCRETE MONUMENT (size, ID)
○	=	FOUND IRON PIPE (size, ID)
◉	=	FOUND NAIL & DISK (ID)
●	=	FOUND REBAR & CAP (size, ID)
◊ FOCMRK	=	FIBER OPTIC CABLE MARKER
⊠ GCM	=	UNDERGROUND GAS LINE CONC MARKER
⋈ GV	=	GAS VALVE
○ GP	=	GUY POLE
(HH) ELECHH	=	ELECTRICAL HANDHOLE
FH	=	FIRE HYDRANT
○ IRRCTL	=	IRRIGATION CONTROL VALVE
LT PL	=	LIGHT POLE
◊ MBOX	=	MAIL BOX
◯	=	MANHOLE
○ MP	=	METER POLE
○ PP	=	POWER POLE
⊠ RWCM	=	UNDERGROUND RECLAIMED WATER CONC MARKER
⊞ RWM	=	RECLAIMED WATER METER
⋈ RWV	=	RECLAIMED WATER VALVE
◊ REFL	=	TRAFFIC REFLECTOR
⋈ SV	=	SANITARY SEWER VALVE
⊠ SCM	=	SANITARY SEWER CONC MARKER
⚐	=	SIGN
⊠ S BOX	=	TRAFFIC SIGNAL BOX
⊠ SP	=	TRAFFIC SIGNAL POLE
○ TP	=	TELEPHONE POLE
T TELPED	=	TELEPHONE PEDESTAL
○ TMB	=	TELEPHONE MARKER BALL
⊠ TELMRK	=	UNDERGROUND TELEPHONE MARKER
⊠ TCM	=	UNDERGROUND TELEPHONE CONC MARKER
T CTVPED	=	CABLE TELEVISION PEDESTAL
▢ TRASH	=	CONC TRASH CAN
○ UP	=	UTILITY POLE
⊞ WM	=	WATER METER
⋈ WV	=	WATER VALVE
⊠ WCM	=	WATER LINE CONC MARKER
80	=	ELEVATION CONTOUR LINE
X X	=	FENCE LINE
GRU	=	OVERHEAD GRU CABLE LINE
OHGW	=	OVERHEAD GUY WIRE
OHPL	=	OVERHEAD POWER LINE
OHTL	=	OVERHEAD TELEPHONE LINE
OHTV	=	OVERHEAD TELEVISION LINE
OHSW	=	OVERHEAD TRAFFIC SIGNAL LINE
FM	=	SANITARY SEWER FORCE MAIN
SS	=	SANITARY SEWER LINE
UGE	=	UNDERGROUND ELECTRIC LINE
GAS	=	UNDERGROUND GAS LINE
RCL	=	UNDERGROUND RECLAMED WATER LINE
UGT	=	UNDERGROUND TELEPHONE LINE
UGTV	=	UNDERGROUND CABLE TELEVISION LINE
UNK	=	UNKNOWN UNDERGROUND UTILITY LINE
WL	=	UNDERGROUND WATER LINE
(6" PVC)	=	SIZE AND/OR MATERIAL AS PROVIDED BY UTILITY COMPANY
88.95 ×	=	SPOT ELEVATION
	=	LIMITS OF WOODED AREA
N = 338,662.262 E =2,600,485.212	=	STATE PLANE COORDINATES (NAD 83 DATUM)

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

GENERAL NOTES, LEGEND AND ABBREVIATIONS

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

DO NOT SCALE THIS DRAWING - DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE

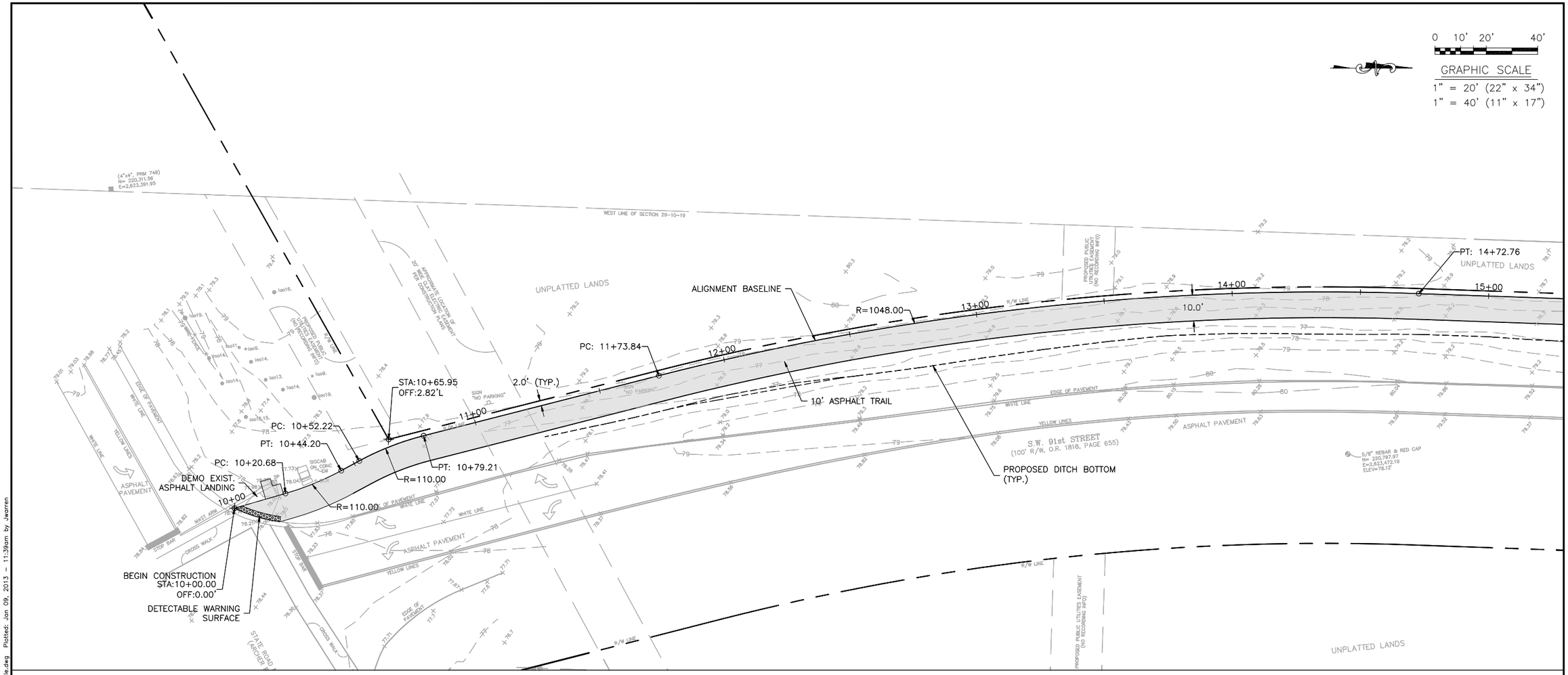
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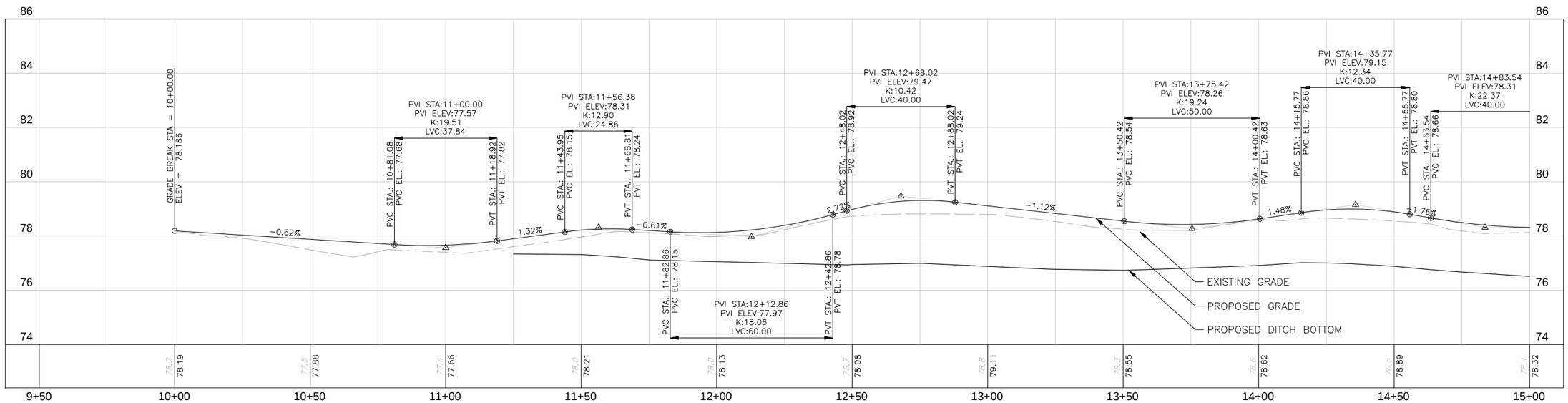
60% PLANS FOR REVIEW ONLY NOT FOR CONSTRUCTION

CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000
SCALE: N/A
DATE: DECEMBER 2012
DRAWING: 12

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NO.	DATE	DESCRIPTION	BY

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JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 9+50 TO STA. 15+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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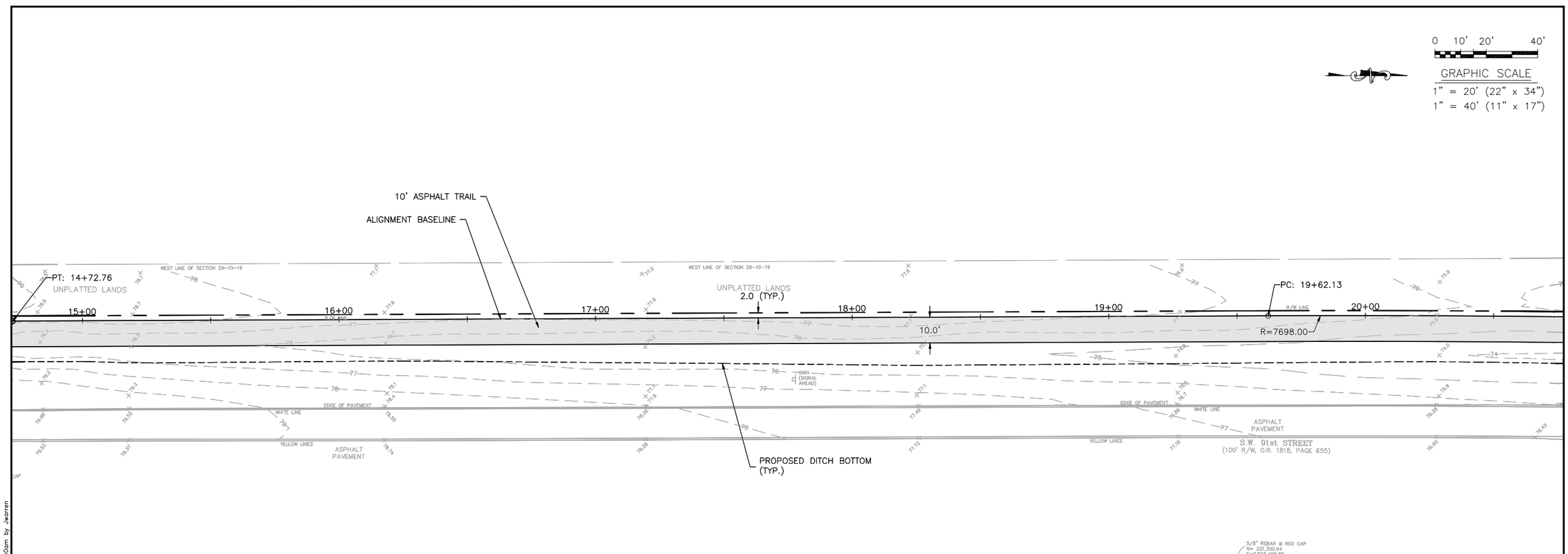
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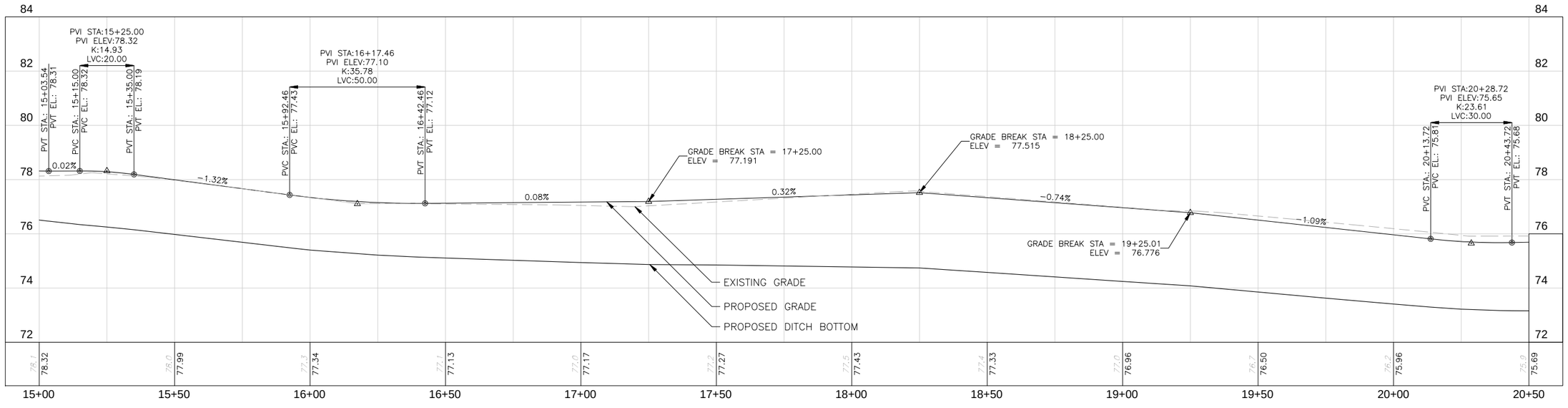
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 13

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JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 15+00 TO STA. 20+50

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

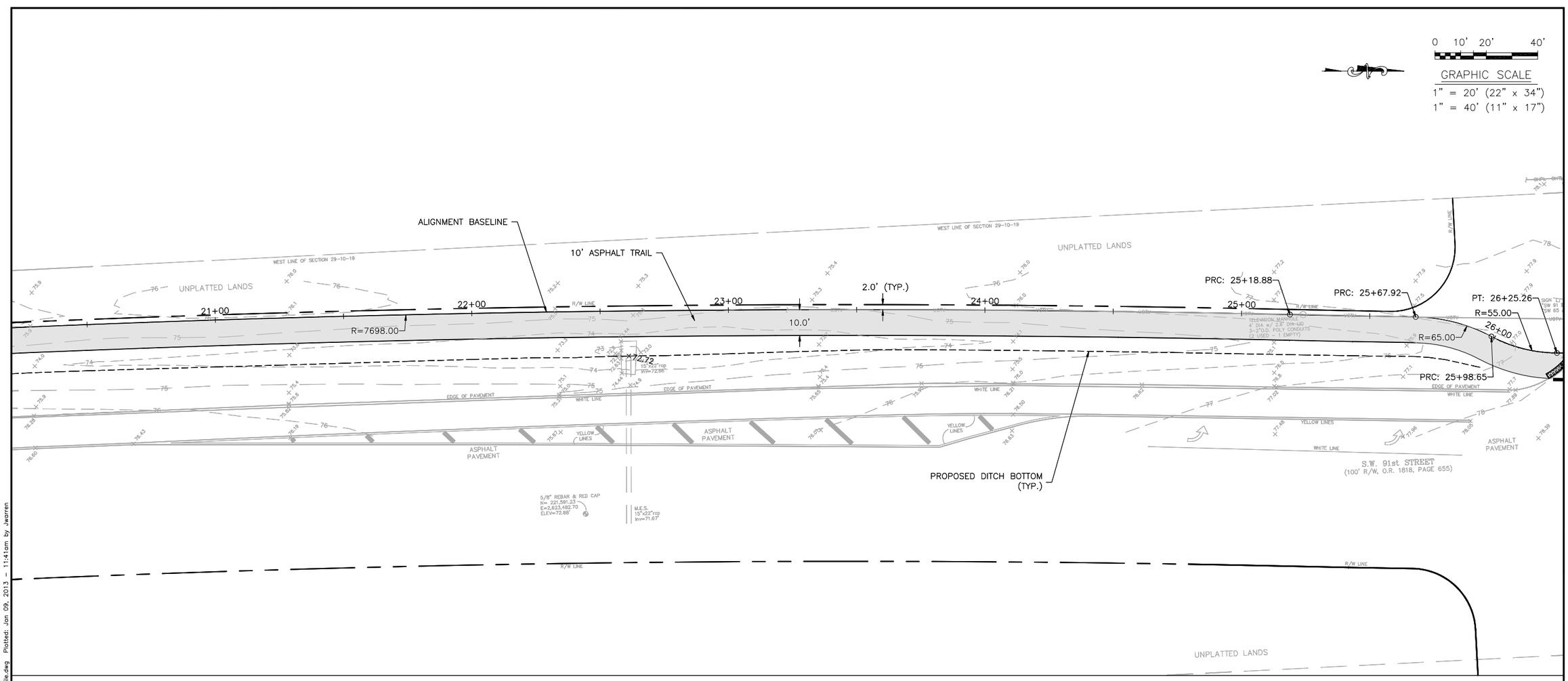
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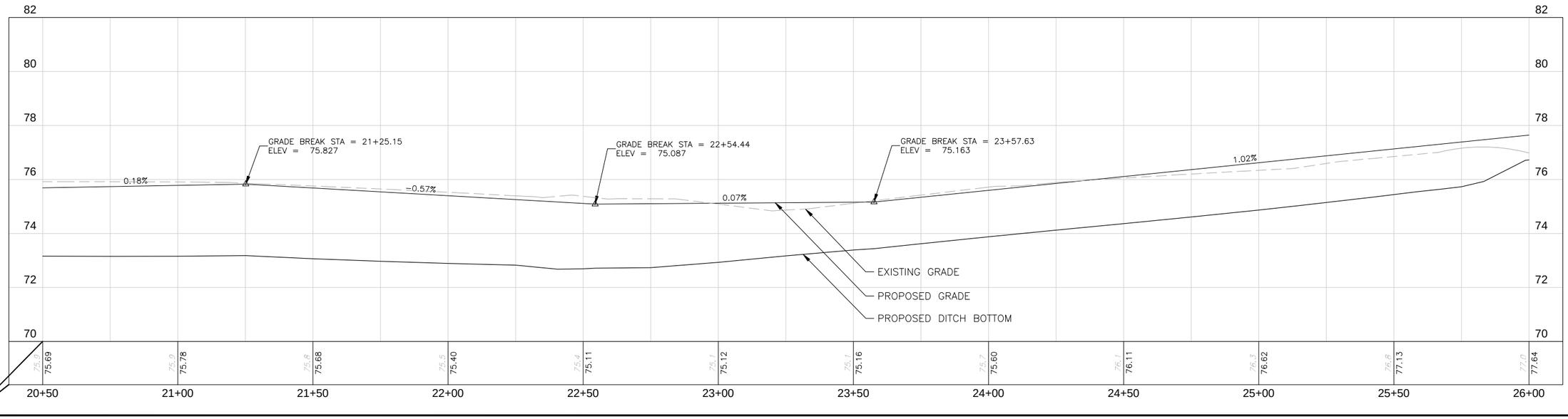
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 14

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JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 20+50 TO STA. 26+00

SITE ENGINEERING PLANS FOR

ARCHER BRAID TRAIL
PHASE 2

ALACHUA COUNTY, FLORIDA

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90% PLANS FOR REVIEW ONLY NOT FOR CONSTRUCTION

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FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 15

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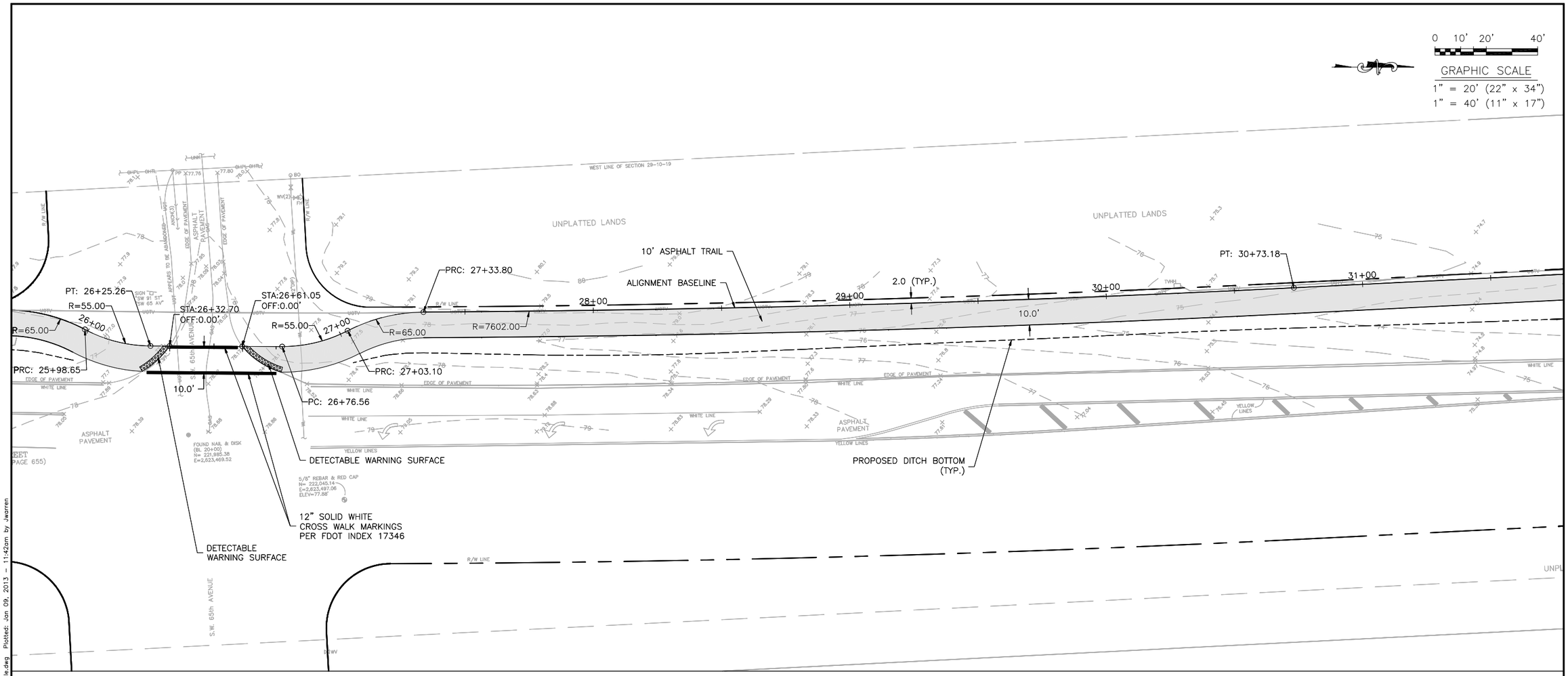
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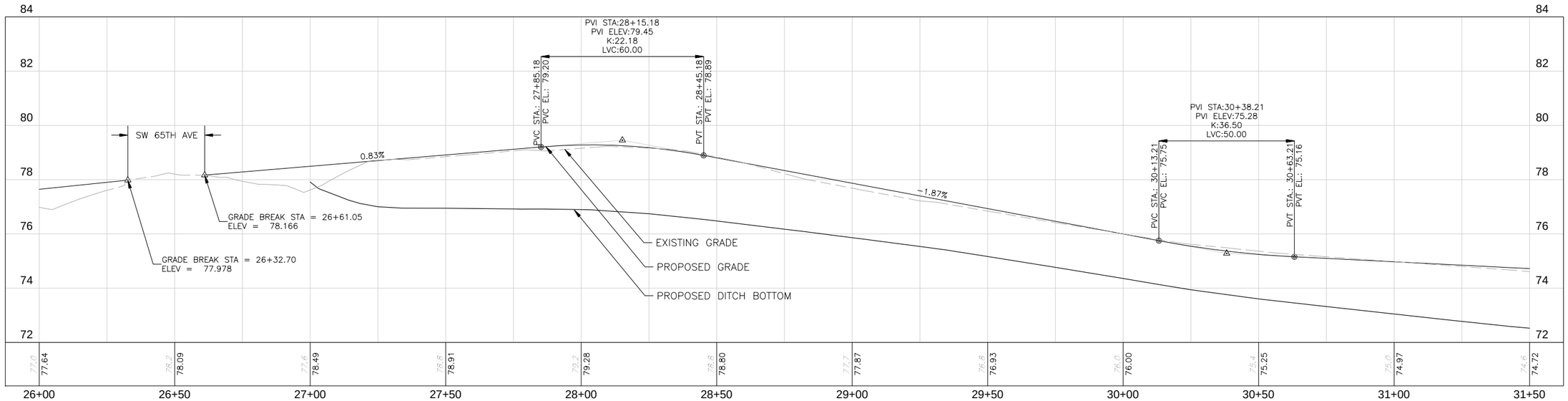
0 10' 20' 40'

GRAPHIC SCALE

1" = 20' (22" x 34")

1" = 40' (11" x 17")





REVISIONS			
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SW 91ST STREET TRAIL
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STA. 26+00 TO STA. 31+50

SITE ENGINEERING PLANS FOR

ARCHER BRAID TRAIL
PHASE 2

ALACHUA COUNTY, FLORIDA

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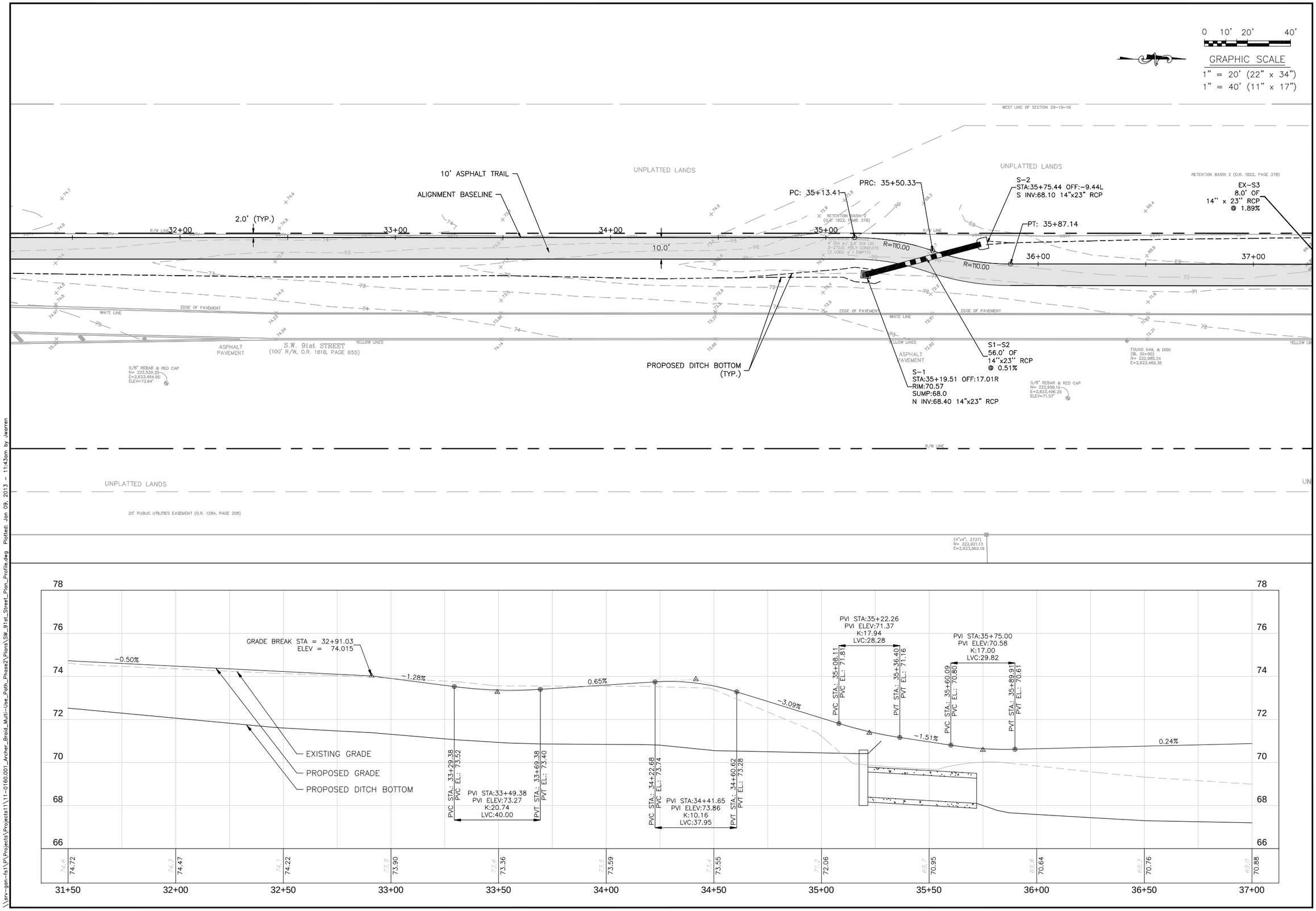
CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 16



REVISIONS			
NO.	DATE	DESCRIPTION	BY

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SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 31+50 TO STA. 37+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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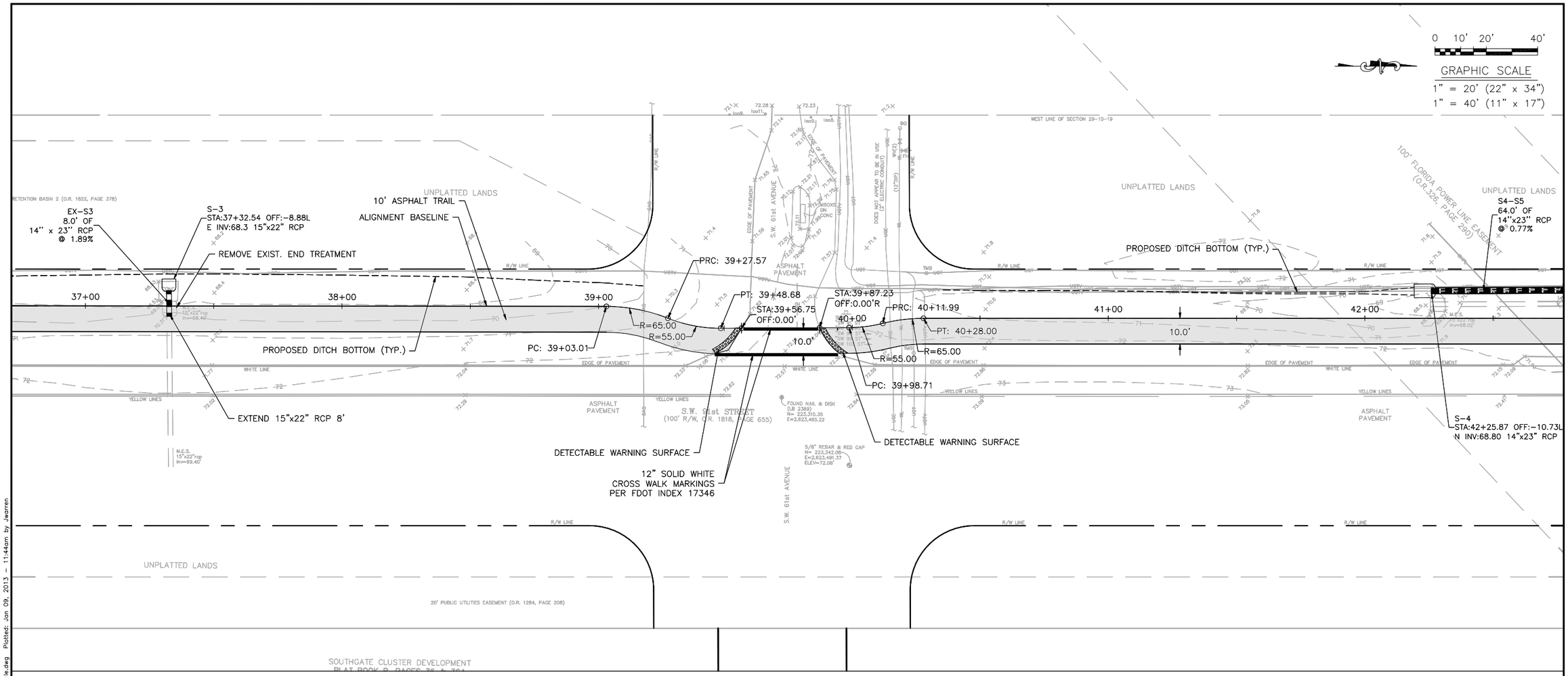
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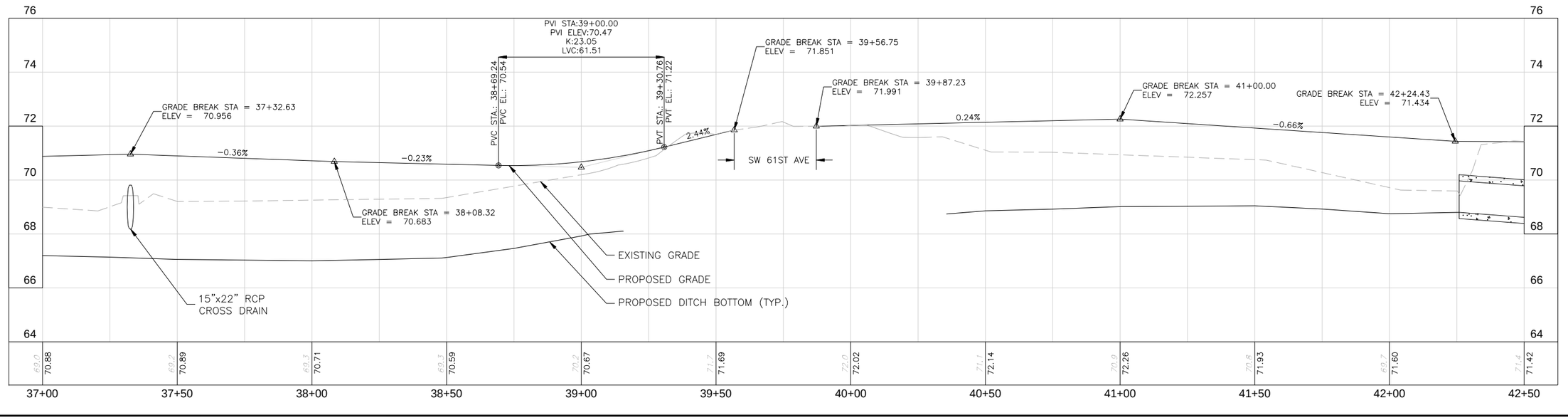
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DATE: DECEMBER 2012

DRAWING: 17

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DRAWN BY	JFW	APPROVED BY	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 37+00 TO STA. 42+50

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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FLORIDA P.E. NO.: 66928

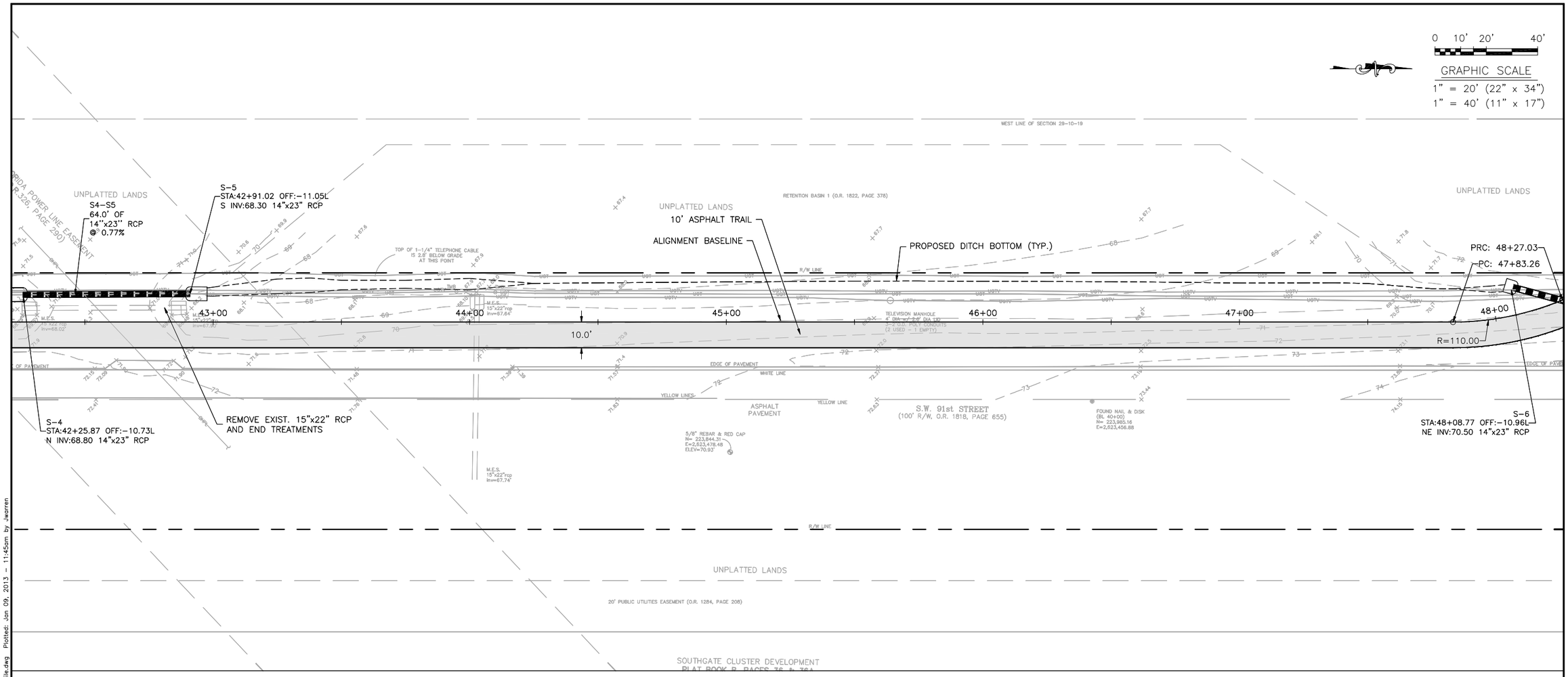
PROJECT NO.: 11-0160.000

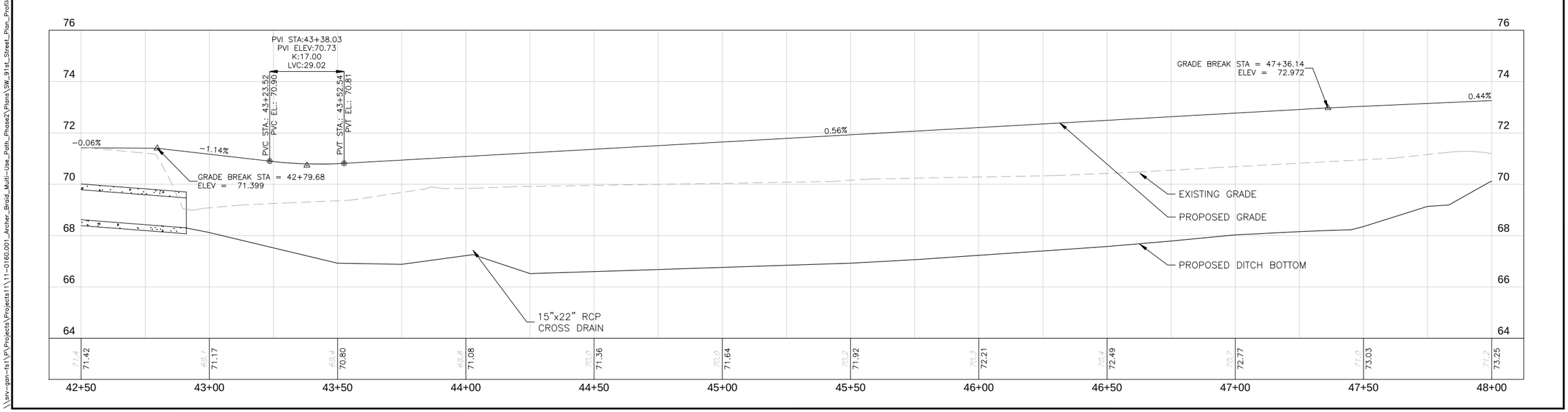
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 18

\\srv-gon-fs1\P\Projects\Projects11\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\SW_91st_Street_Plan_Profile.dwg Plotted: Jan 09, 2013 – 11:44am by Jwarren





REVISIONS			
NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 42+50 TO STA. 48+00

SITE ENGINEERING PLANS FOR

ARCHER BRAID TRAIL
PHASE 2

ALACHUA COUNTY, FLORIDA

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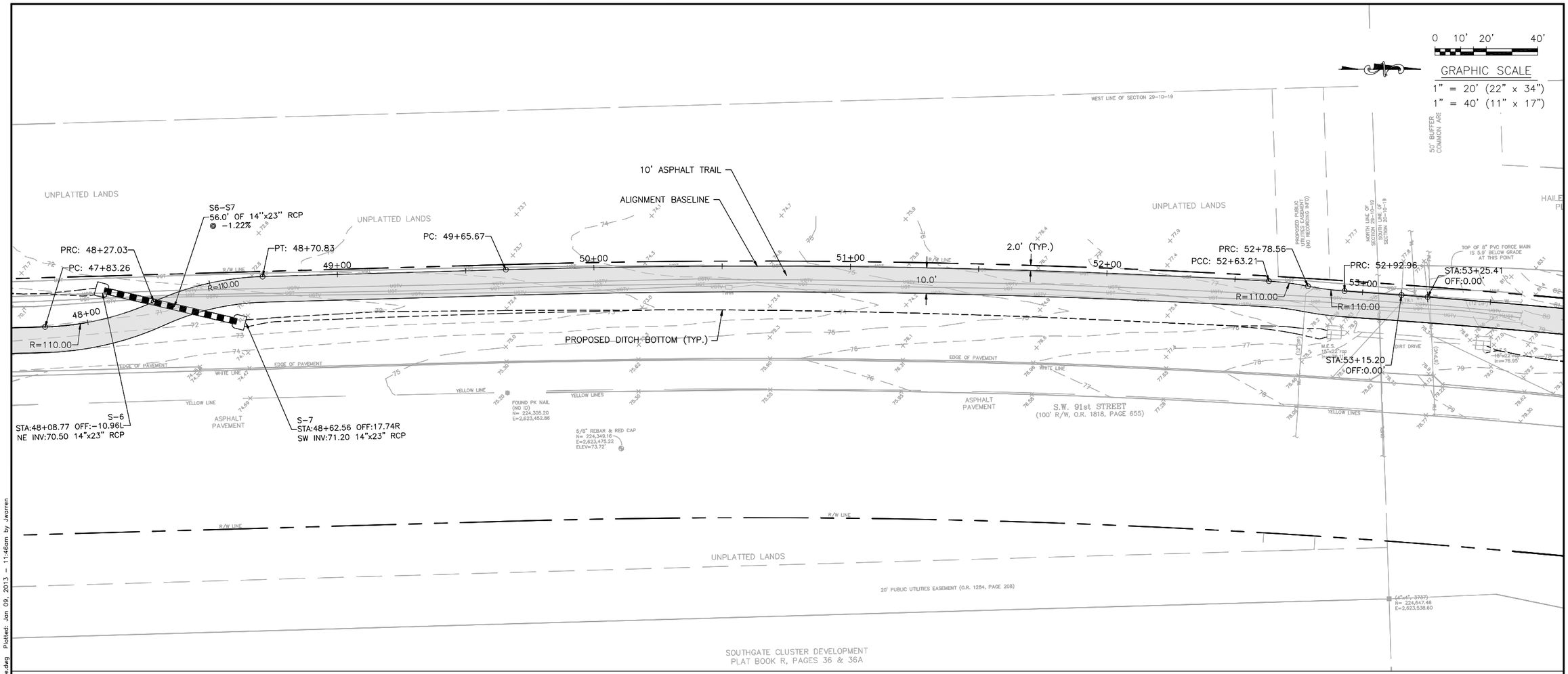
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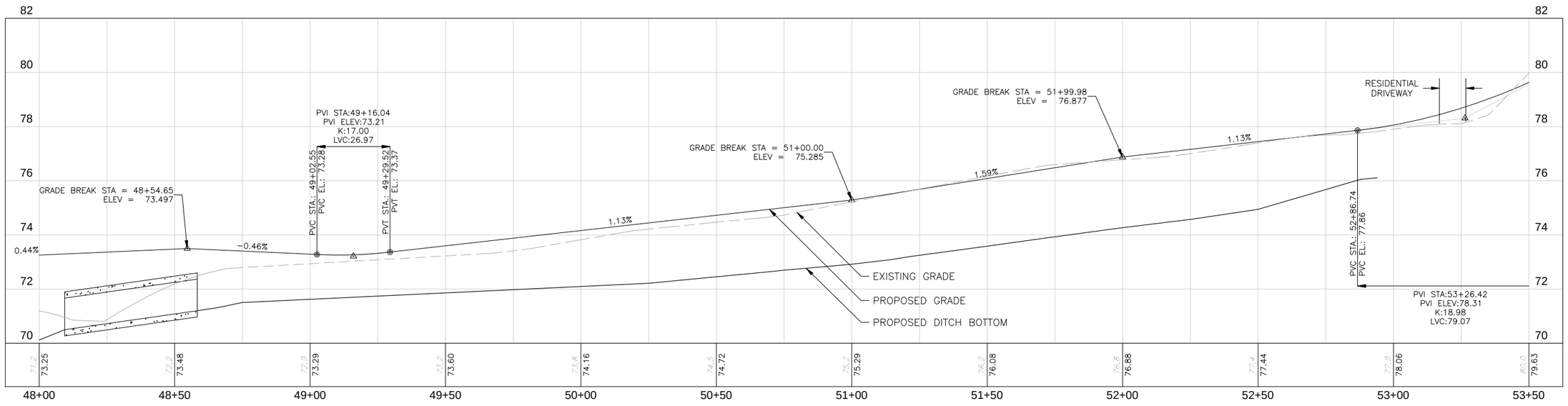
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 19

\\srv-gon-fs1\PW_Projects\Projects11\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\SW_91st_Street_Plan_Profile.dwg Plotted: Jan 09, 2013 – 11:45am by Jwarren





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REVISIONS				
NO.	DATE	DESCRIPTION	BY	

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 48+00 TO STA. 53+50

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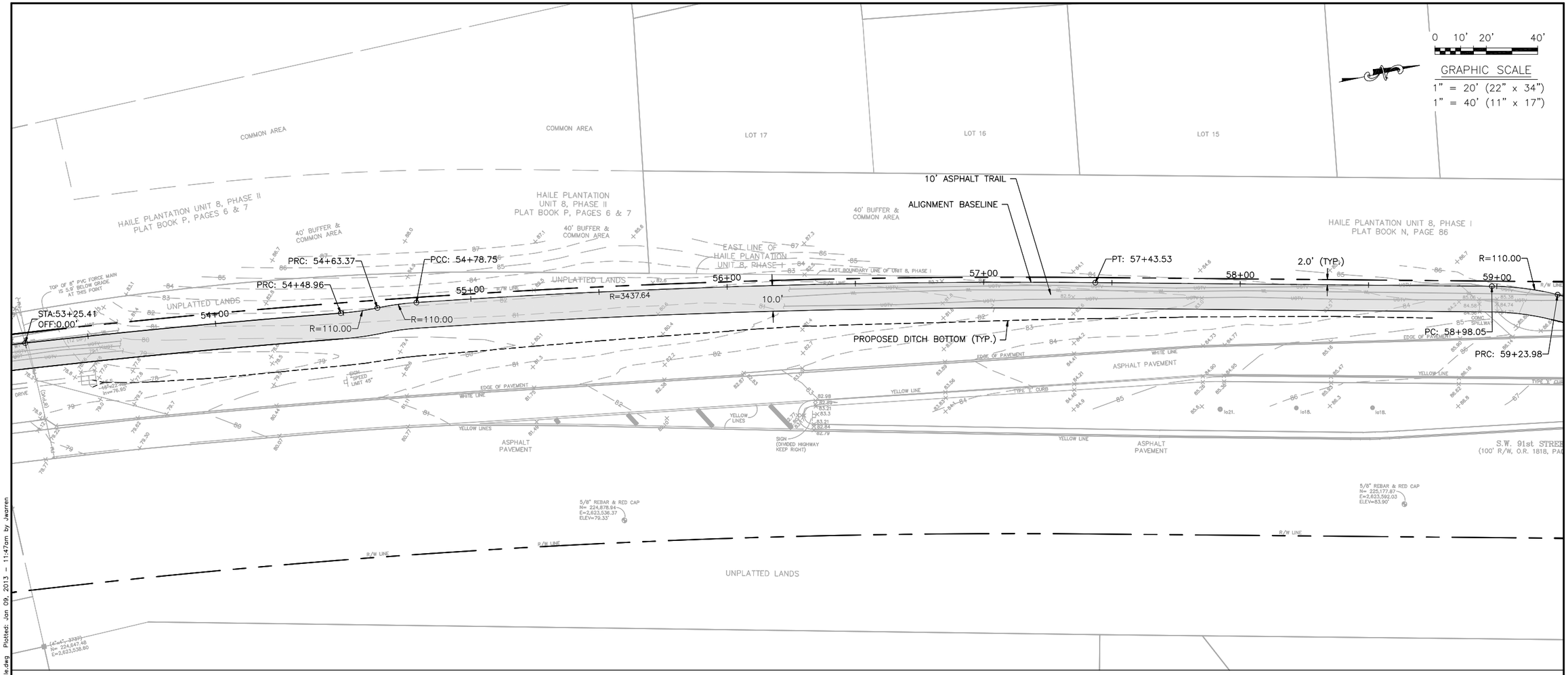
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FLORIDA P.E. NO.: 66928

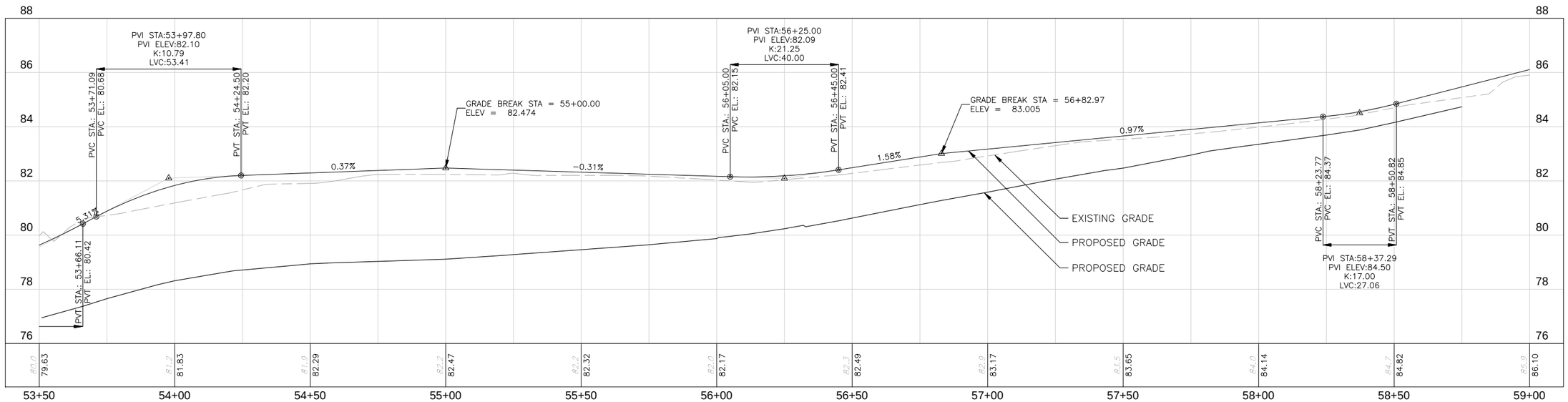
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 20





REVISIONS			
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JFW	JFW	CDT	CDT

SW 91ST STREET TRAIL
PLAN & PROFILE
STA. 53+50 TO STA. 59+00

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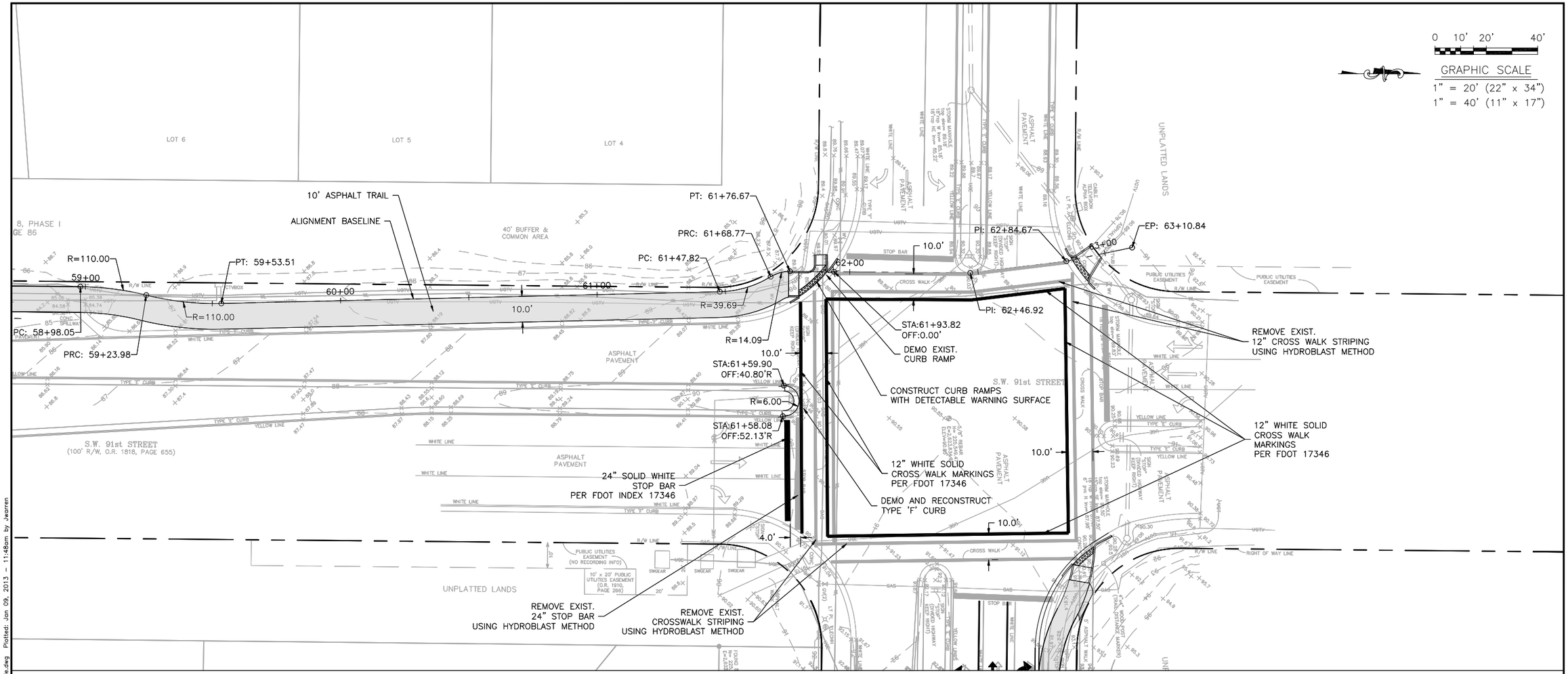
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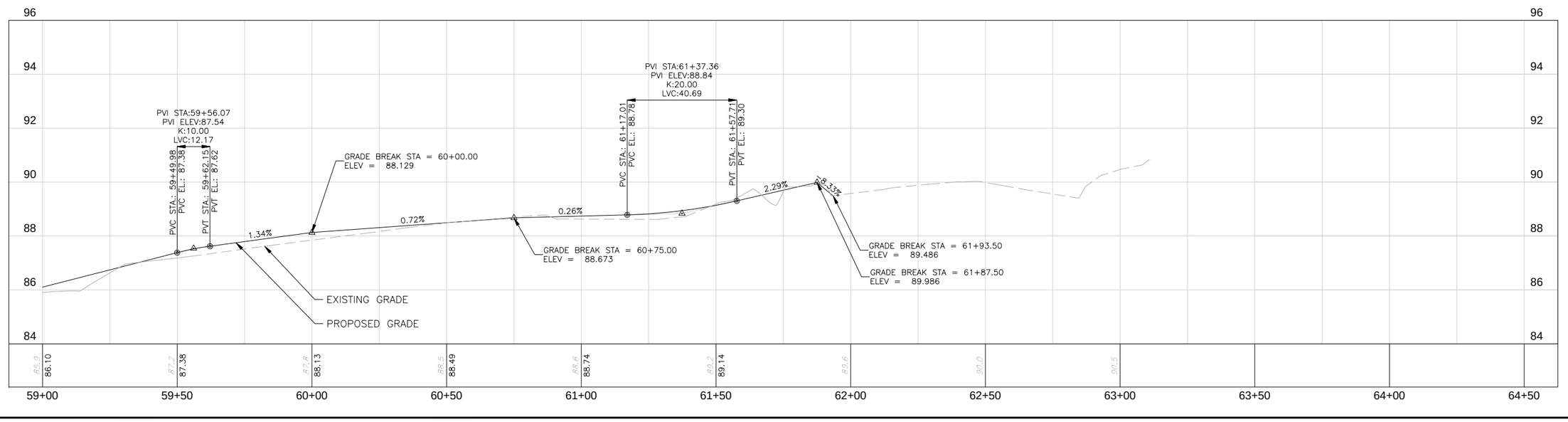
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 21

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DESIGNED BY	JFW
DRAWN BY	JFW
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APPROVED BY	CDT

SW 91ST STREET TRAIL PLAN & PROFILE STA. 59+00 TO STA. 59+00

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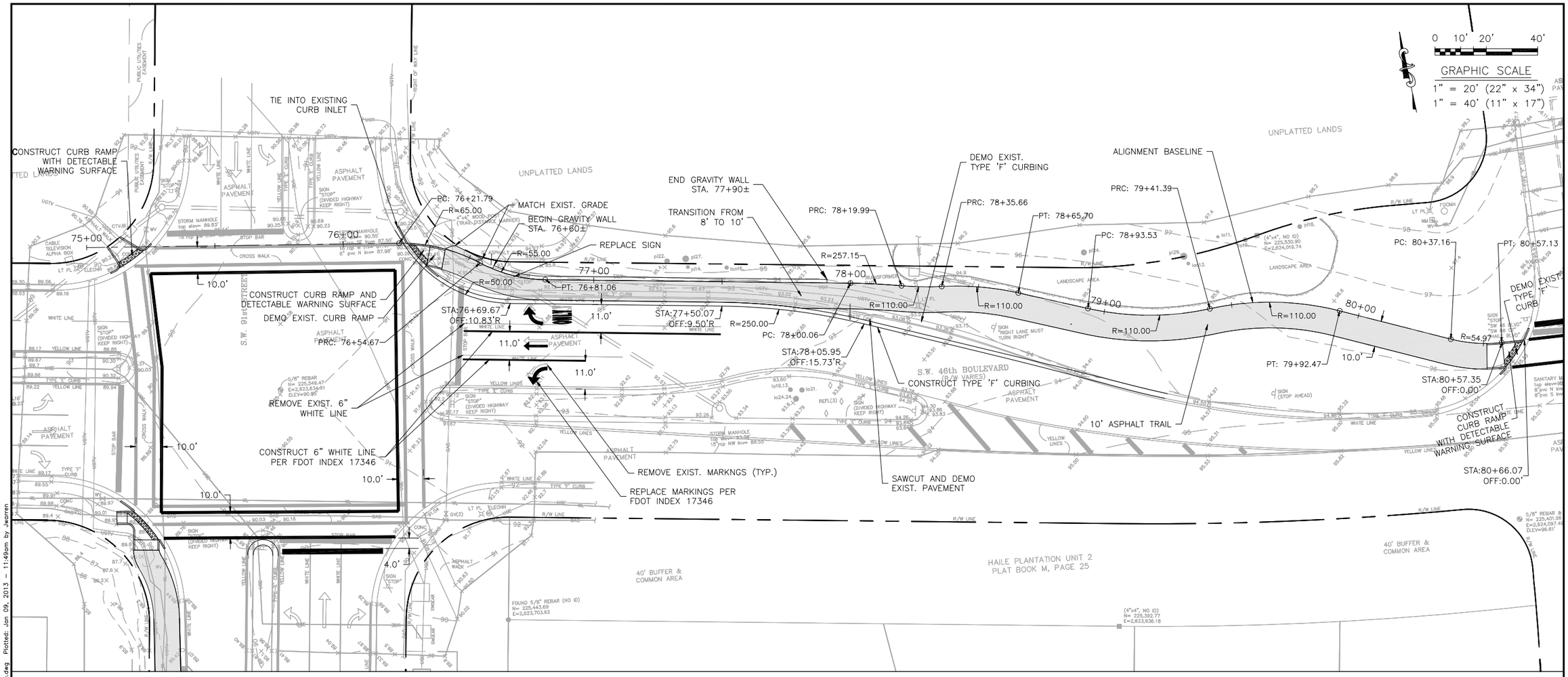
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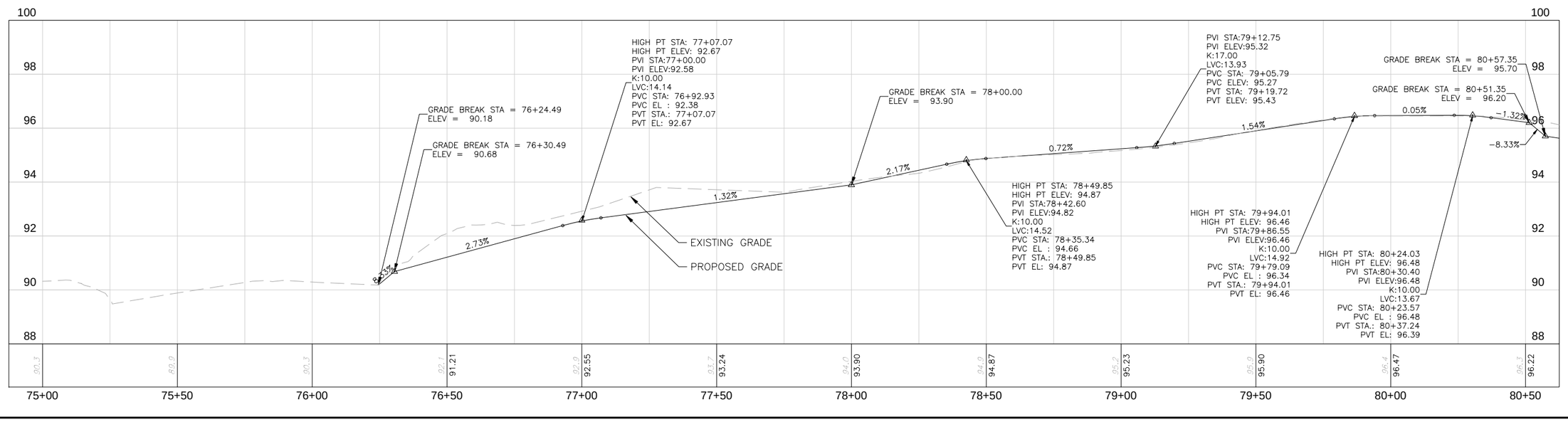
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 22

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JFW	JFW	CDT	CDT

SW 46TH BOULEVARD TRAIL PLAN & PROFILE STA. 75+00 TO STA. 80+50

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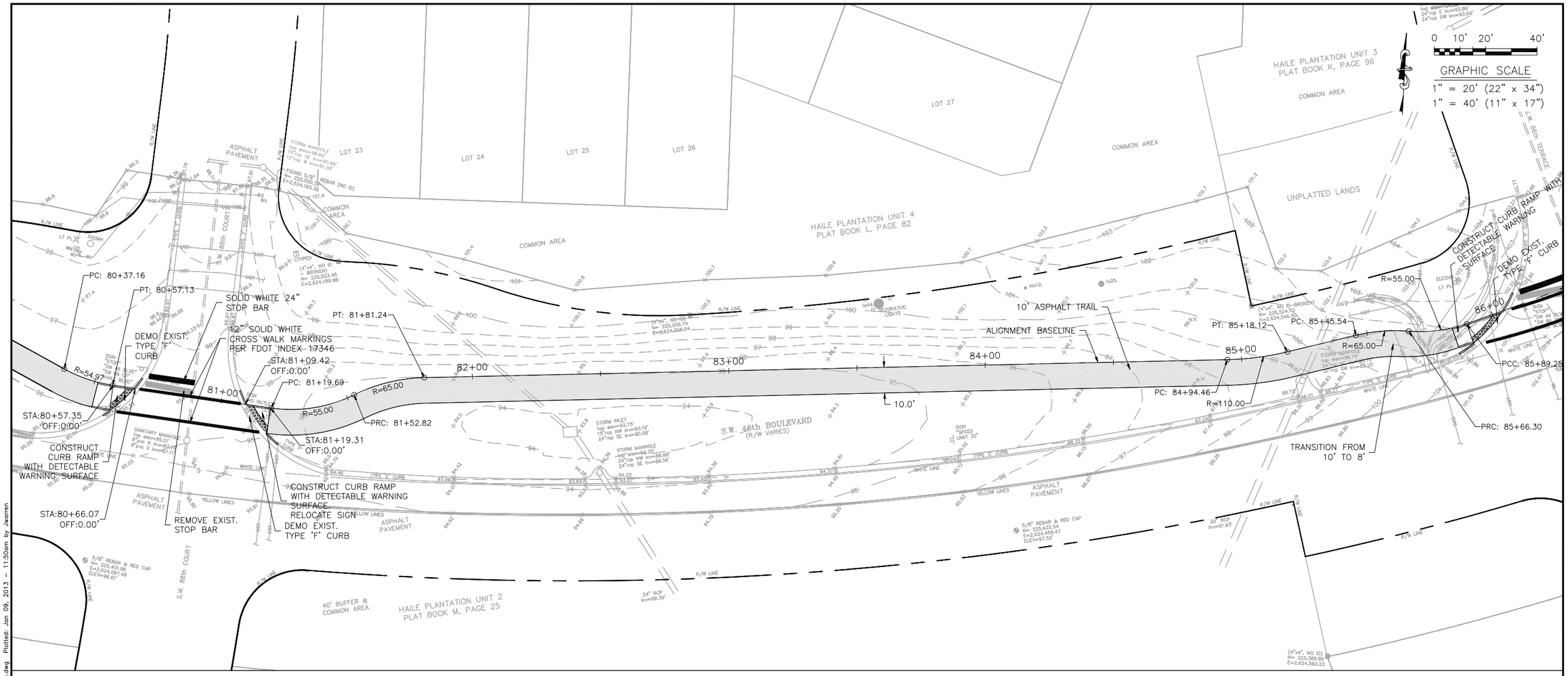
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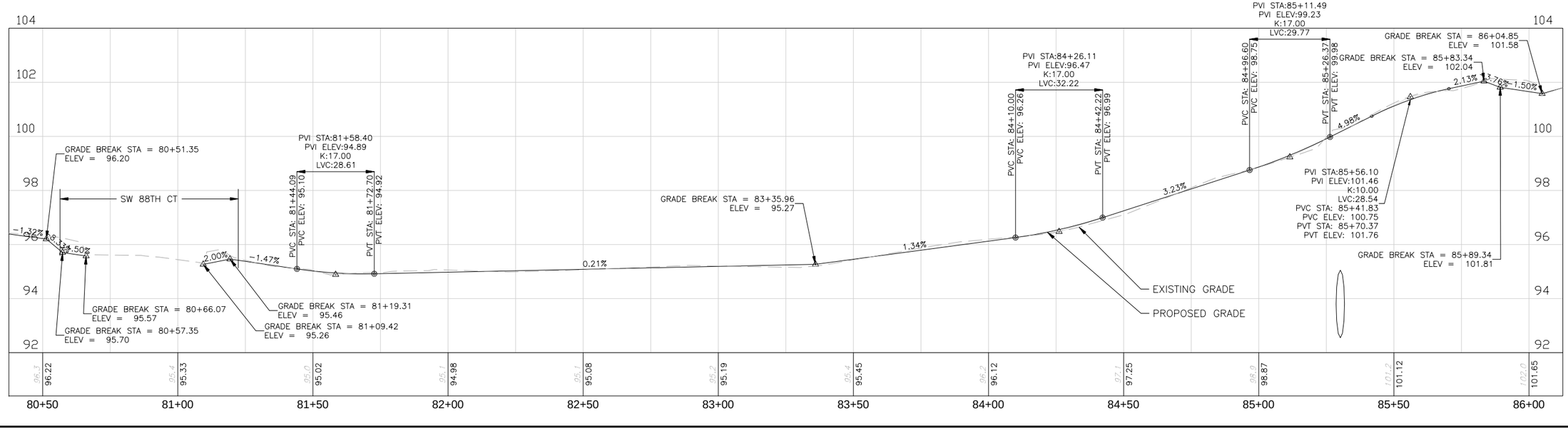
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DATE: DECEMBER 2012

DRAWING: 23

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JFW	JFW	CDT	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 80+50 TO STA. 86+00

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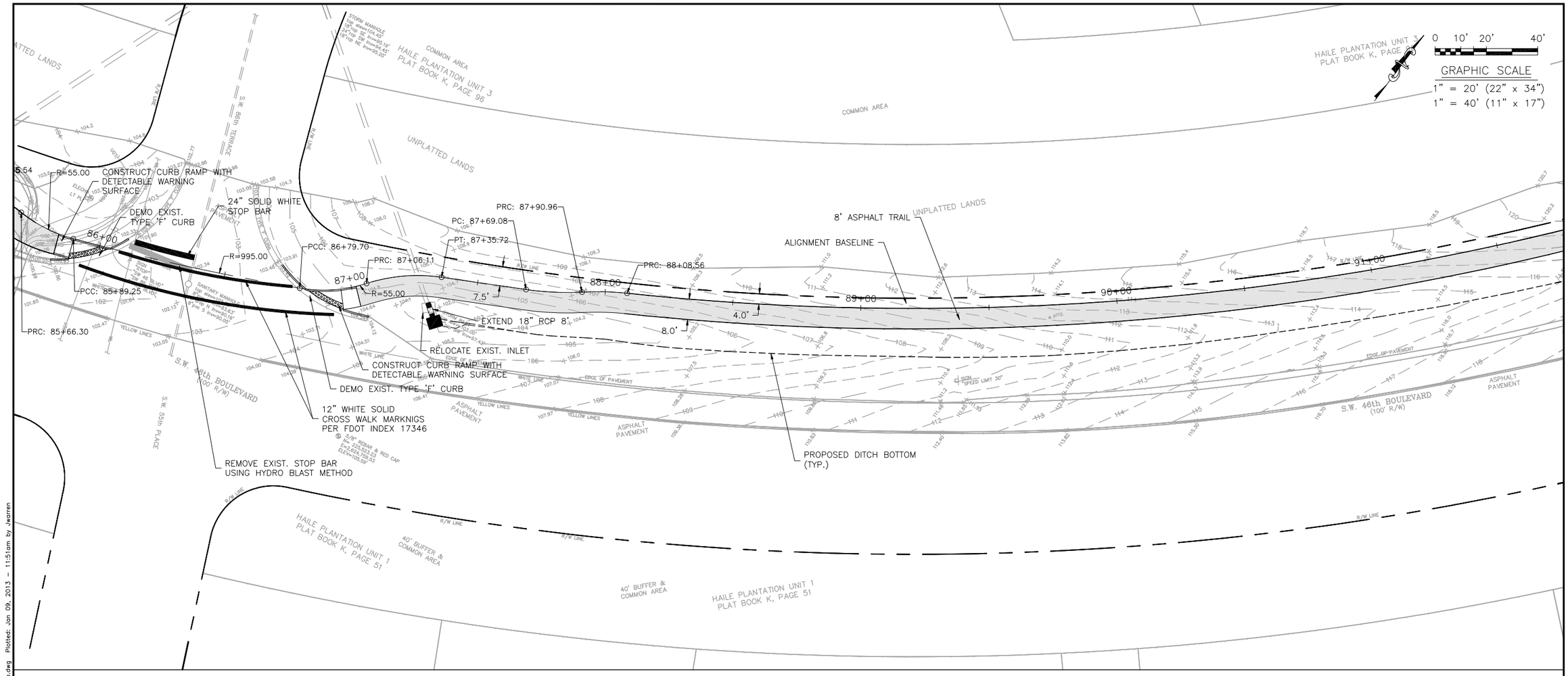
PROJECT NO.: 11-0160.000

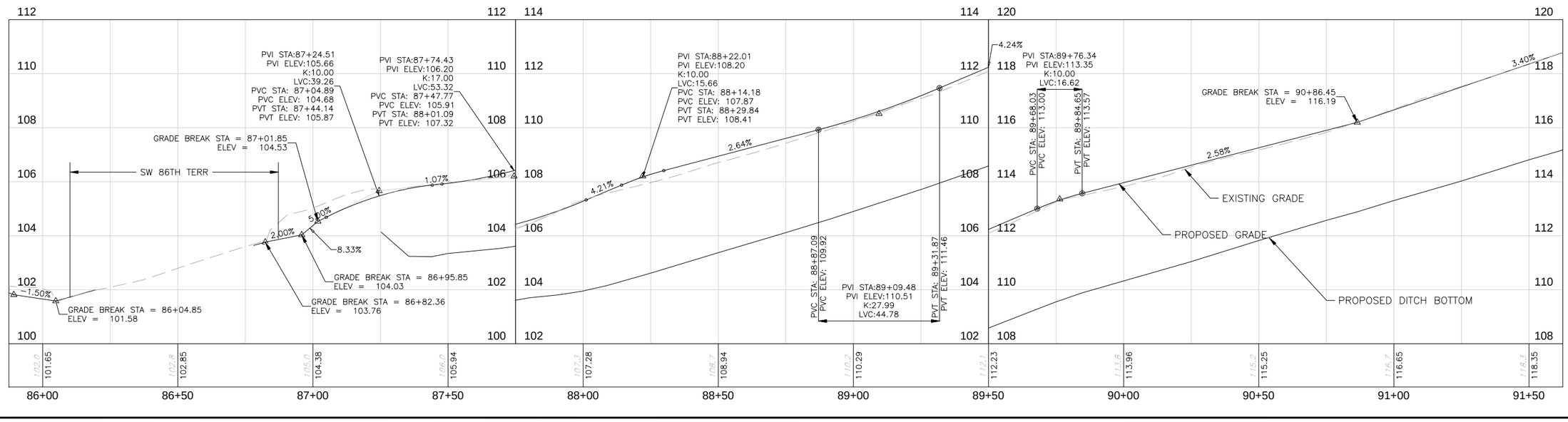
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 24

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JFW	JFW	CDT	CDT

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PLAN & PROFILE
STA. 86+00 TO STA. 91+50

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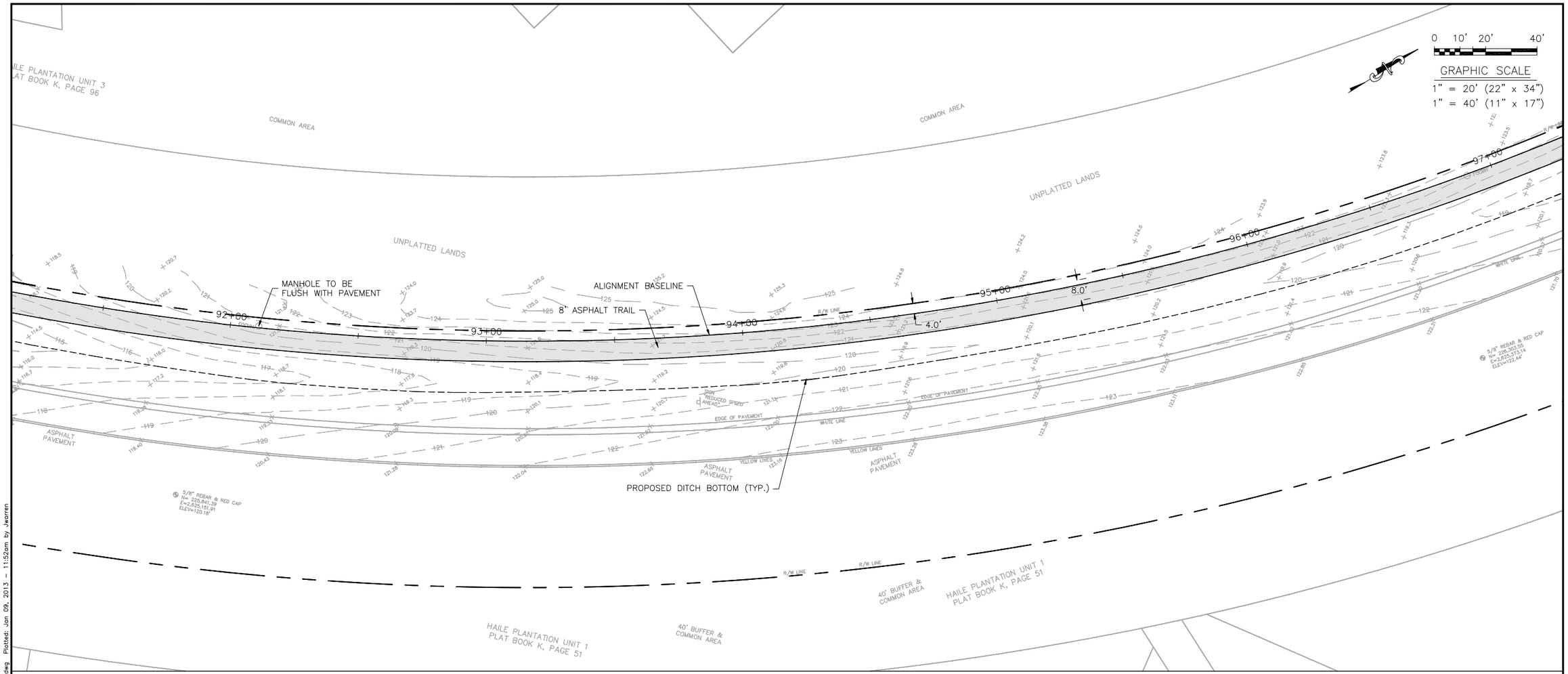
PROJECT NO.: 11-0160.000

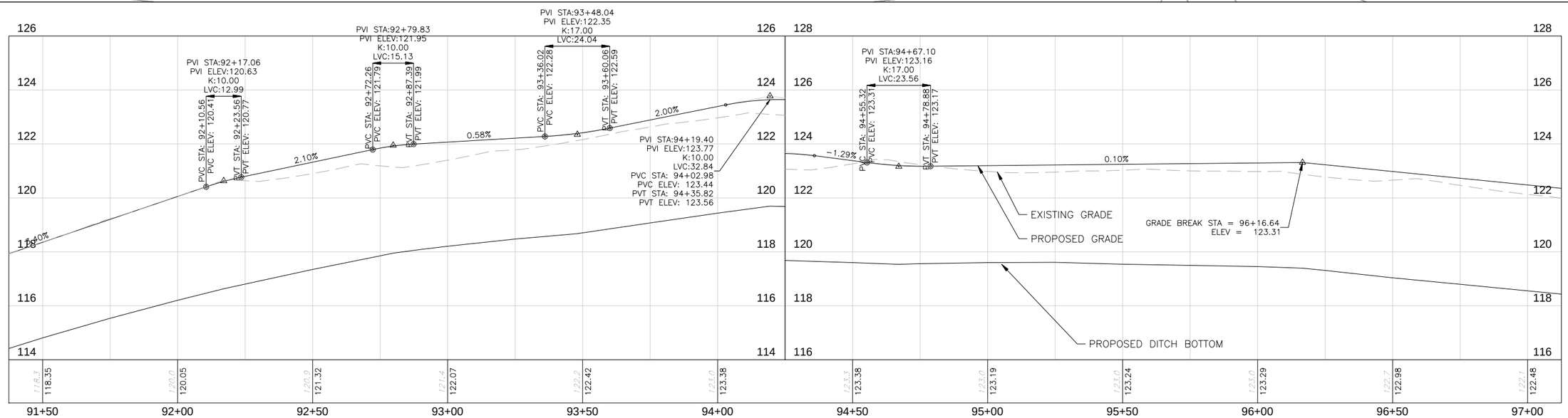
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 25

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JFW	JFW	CDT	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 91+50 TO STA. 97+00

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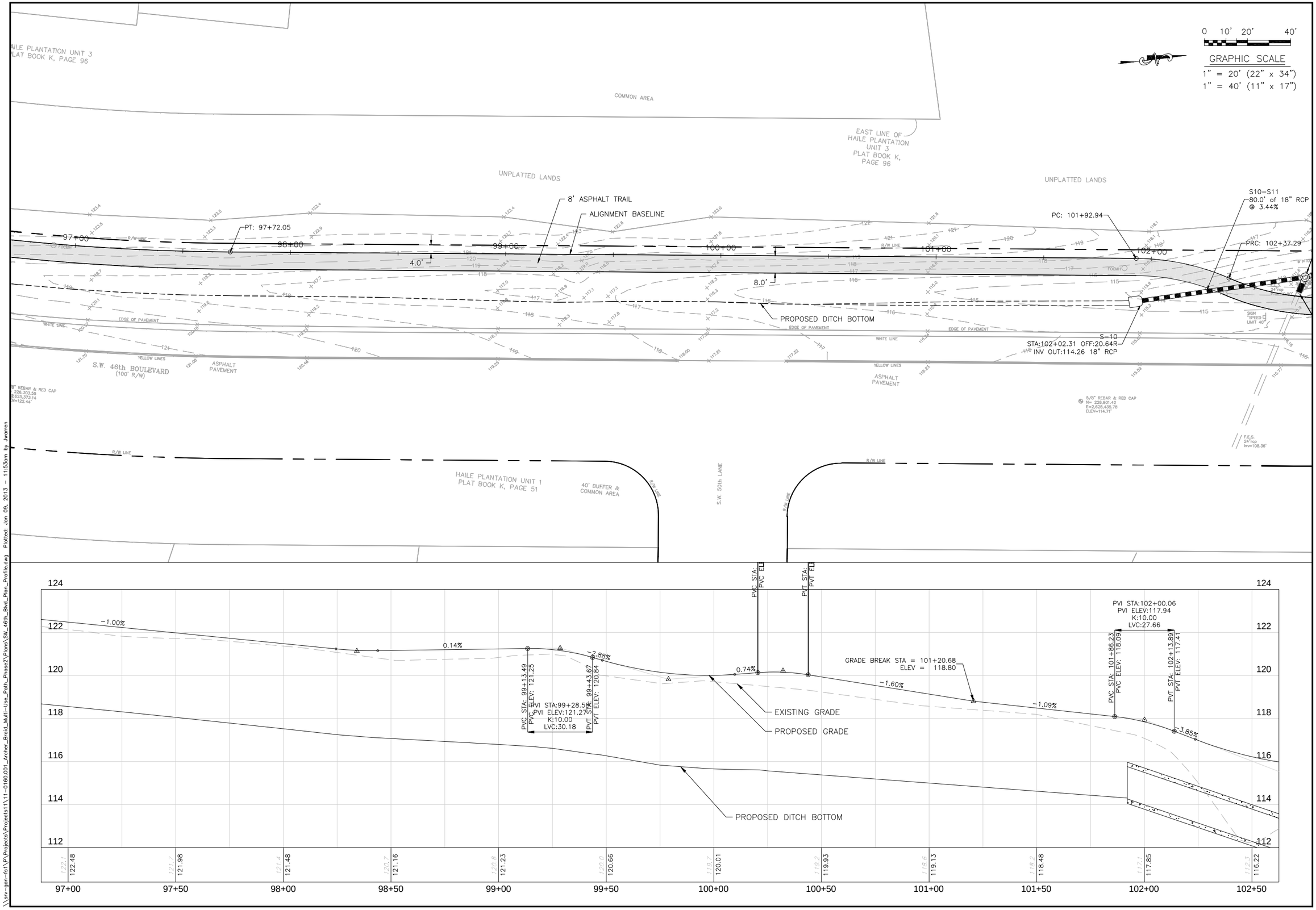
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL)
1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 26

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JFW	JFW	CDT	CDT

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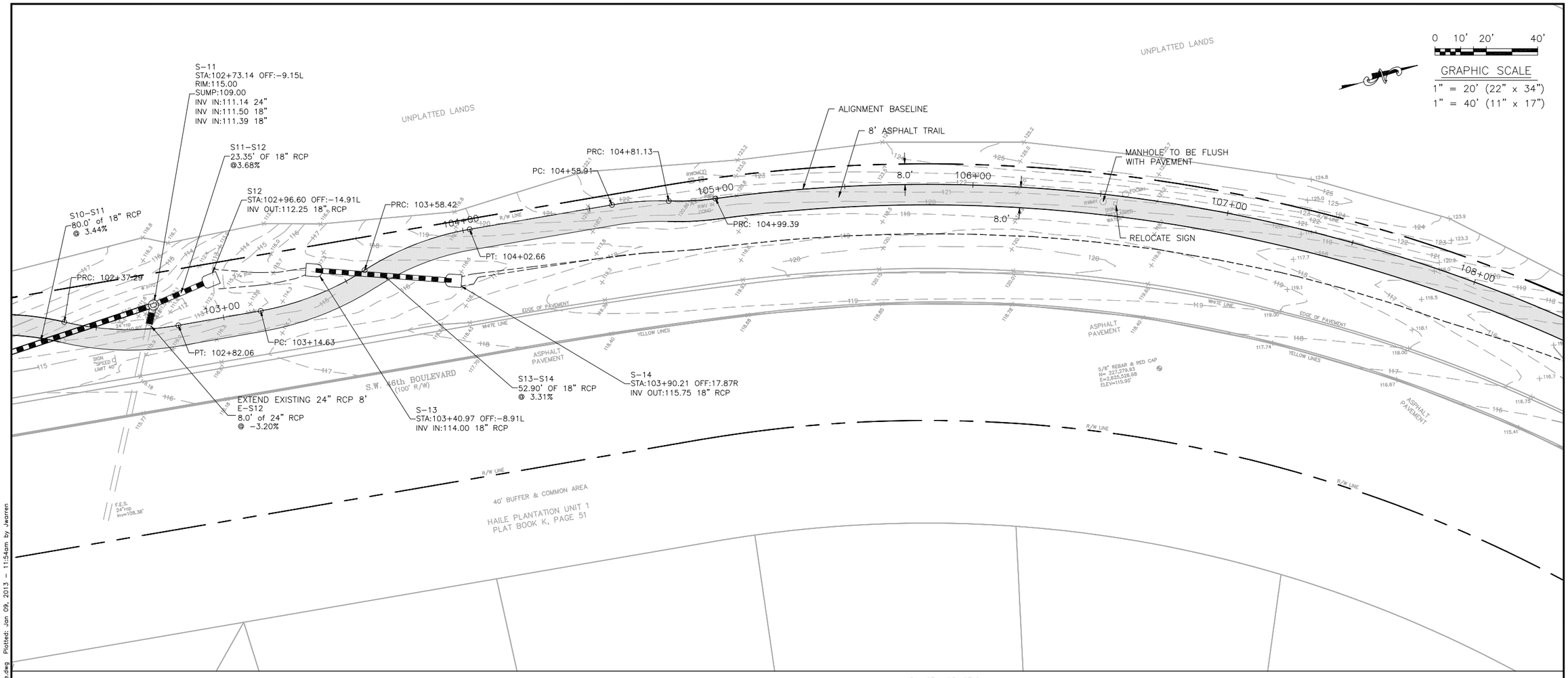
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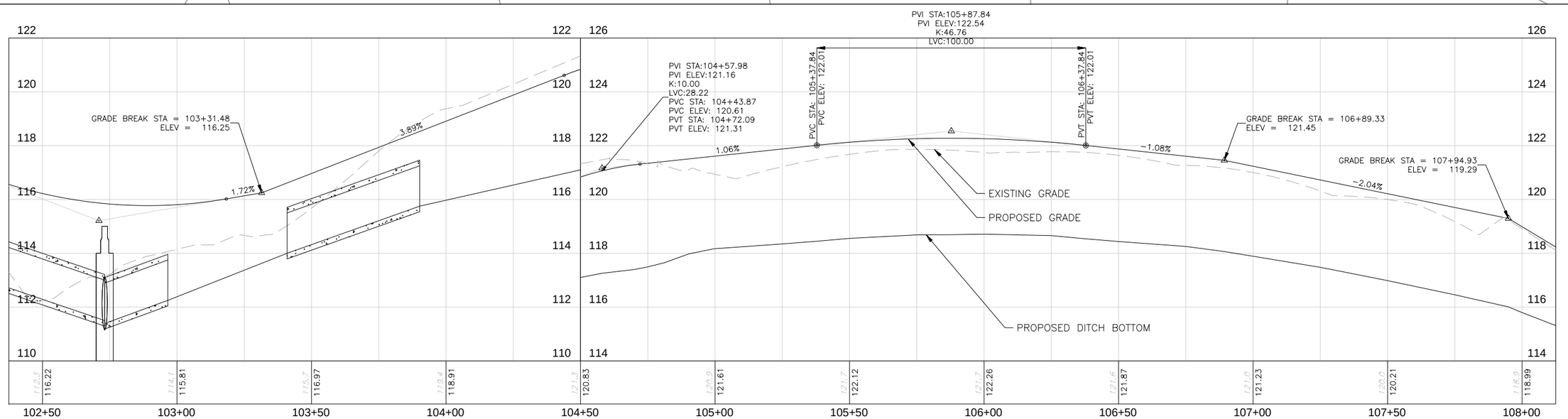
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 27

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JFW	JFW	CDT	CDT

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PLAN & PROFILE
STA. 102+50 TO STA. 108+00

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FLORIDA P.E. NO.: 66928

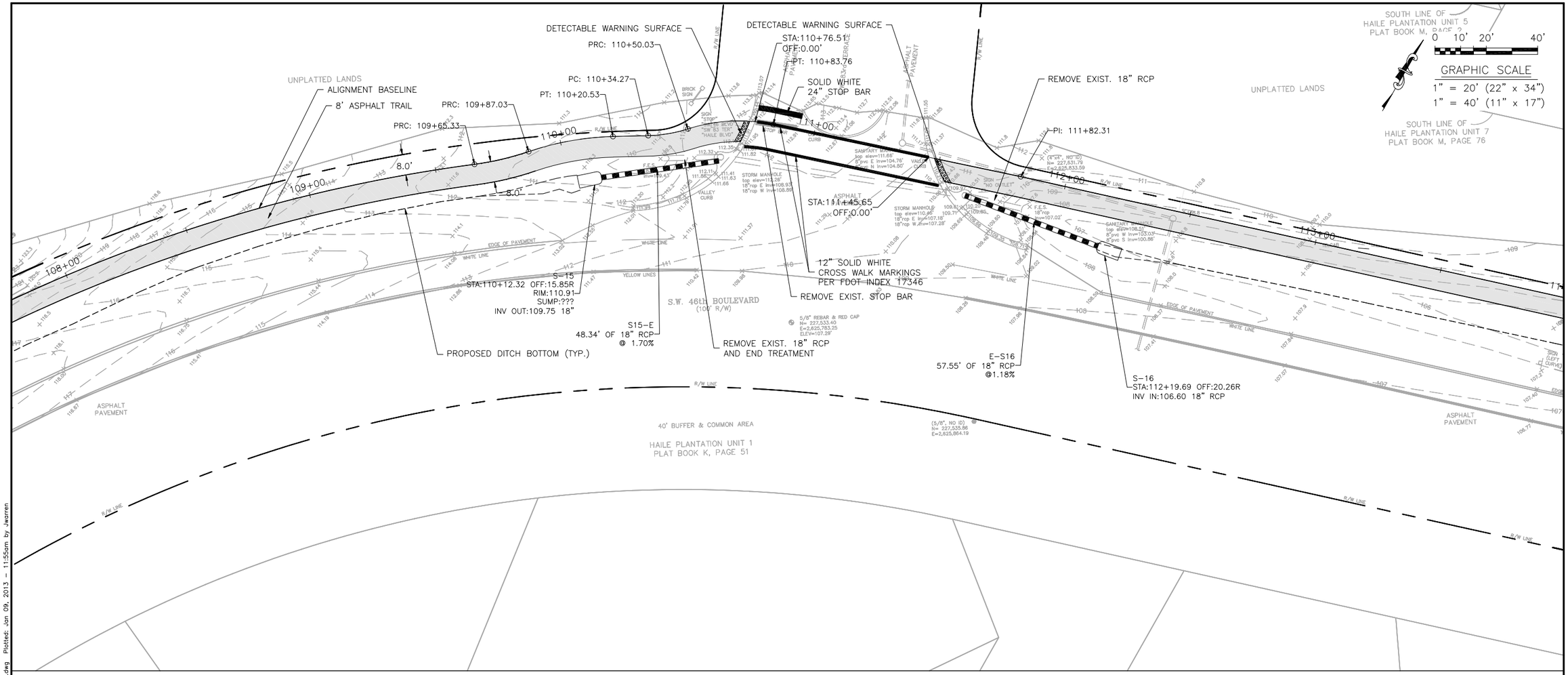
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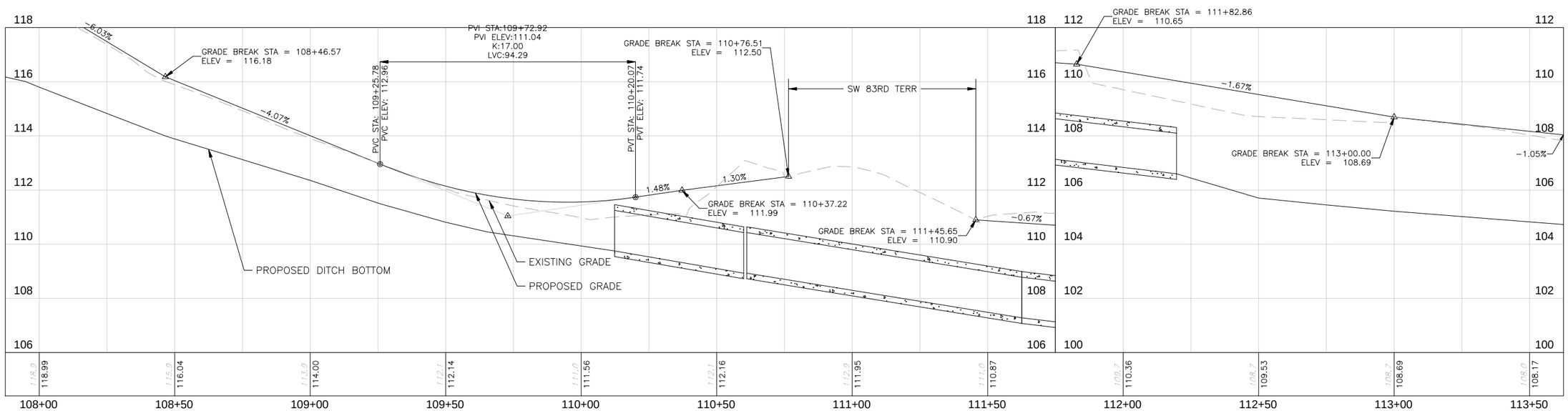
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 28

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SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 108+00 TO STA. 113+50

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FLORIDA P.E. NO.: 66928

PROJECT NO.:
11-0160.000

SCALE:
1" = 20' (HORIZONTAL)
1" = 2' (VERTICAL)

DATE:
DECEMBER 2012

DRAWING:
29

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0 10' 20' 40'

GRAPHIC SCALE
1" = 20' (22" x 34")
1" = 40' (11" x 17")

COMMON AREA & DRAINAGE EASEMENT

40' BUFFER & COMMON AREA

SOUTH LINE OF HAILE PLANTATION UNIT 7 PLAT BOOK M, PAGE 76

UNPLATTED LANDS

8' ASPHALT TRAIL

ALIGNMENT BASELINE

PC: 115+90.82

PT: 116+54.49

PRC: 116+23.22

PC: 116+55.63

PRC: 116+89.23

PT: 117+21.74

PC: 117+92.40

PRC: 118+10.71

PRC: 118+81.48

PT: 118+27.84

PT: 119+01.77

S18–S19
10' of 24" RCP
@ 1.01%

CONSTRUCT CURB RAMP WITH DETECTABLE WARNING SURFACE

8.0'

114+00 115+00 116+00 117+00 118+00 119+00

R/W LINE

EDGE OF PAVEMENT

WHITE LINE

YELLOW LINES

ASPHALT PAVEMENT

SIGN (LEFT CURVE)

SIGN "STOP" "SW 46 BLVD" "SW 81 TERR" "SW 45 BLVD"

STOP BAR

SIGN "NO THRU TRAFFIC"

TYPE 'F' CURB

TYPE 'E' CURB

STORM MANHOLE
top elev=105.75
18"rcp E. Inv=102.85'
18"rcp W Inv=102.79'

STORM MANHOLE
top elev=105.92
18"rcp E. Inv=102.80'
18"rcp W Inv=102.82'

U-SHAPED ENDWALL
18"rcp Inv=102.92'

U-SHAPED ENDWALL
18"rcp Inv=102.80'

PROPOSED DITCH BOTTOM (TYP.)

S–17
STA:116+04.54 OFF:18.84R
INV OUT:103.00 24"

S17–S18
54.68' OF 24" RCP
@1.04%

S–18
STA:116+57.66 OFF:11.64R
RIM:106.75
SUMP:100.75
INV IN:102.43 24"
INV IN:102.43 18"
INV OUT:102.43 24"

F.E.S.
24"rcp
Inv=102.70'

S18–S20
47.21' OF 18" RCP
@ 1.21%

S–20
STA:117+02.48 OFF:19.08R
INV OUT:103.00 18"

S.W. 46th BOULEVARD
(100' R/W)

5/8" REBAR & RED CAP
N= 227,729.55
E=2,626,379.41
ELEV=104.94'

DEMO EXIST. TYPE 'F' CURB

12" SOLID WHITE CROSS WALK MARKINGS PER FDOT INDEX 17346

DEMO EXIST. TYPE 'F' CURB

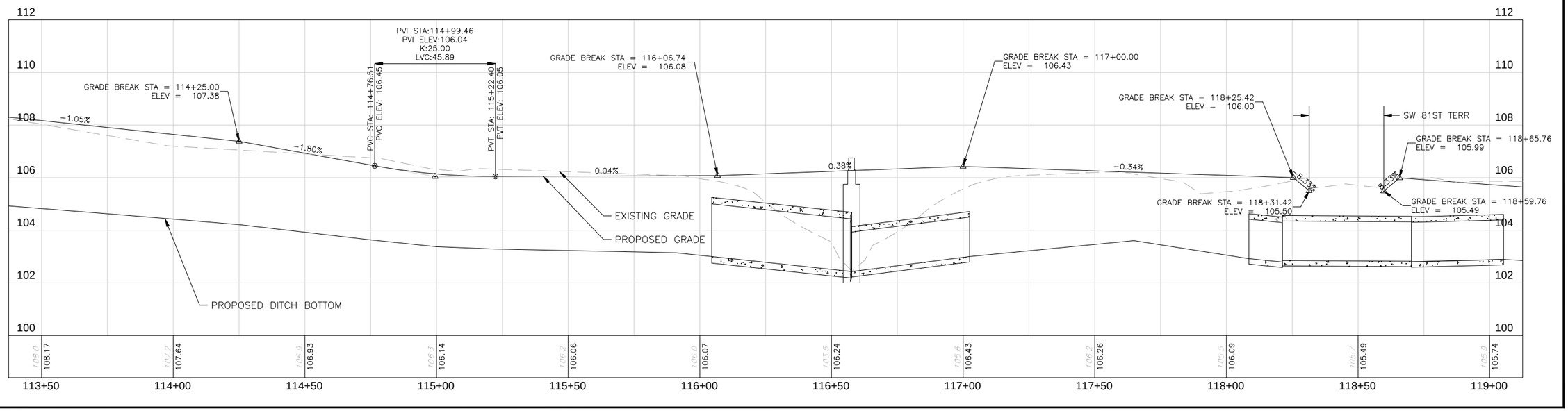
PC: 118+63.28

S.W. 47th COURT

CONSTRUCT CURB RAMP WITH DETECTABLE WARNING SURFACE

40' BUFFER & COMMON AREA

HAILE PLANTATION UNIT 10, PHASE II
PLAT BOOK N, PAGES 90 & 91



REVISIONS				
NO.	DATE	DESCRIPTION		BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 113+50 TO STA. 119+00

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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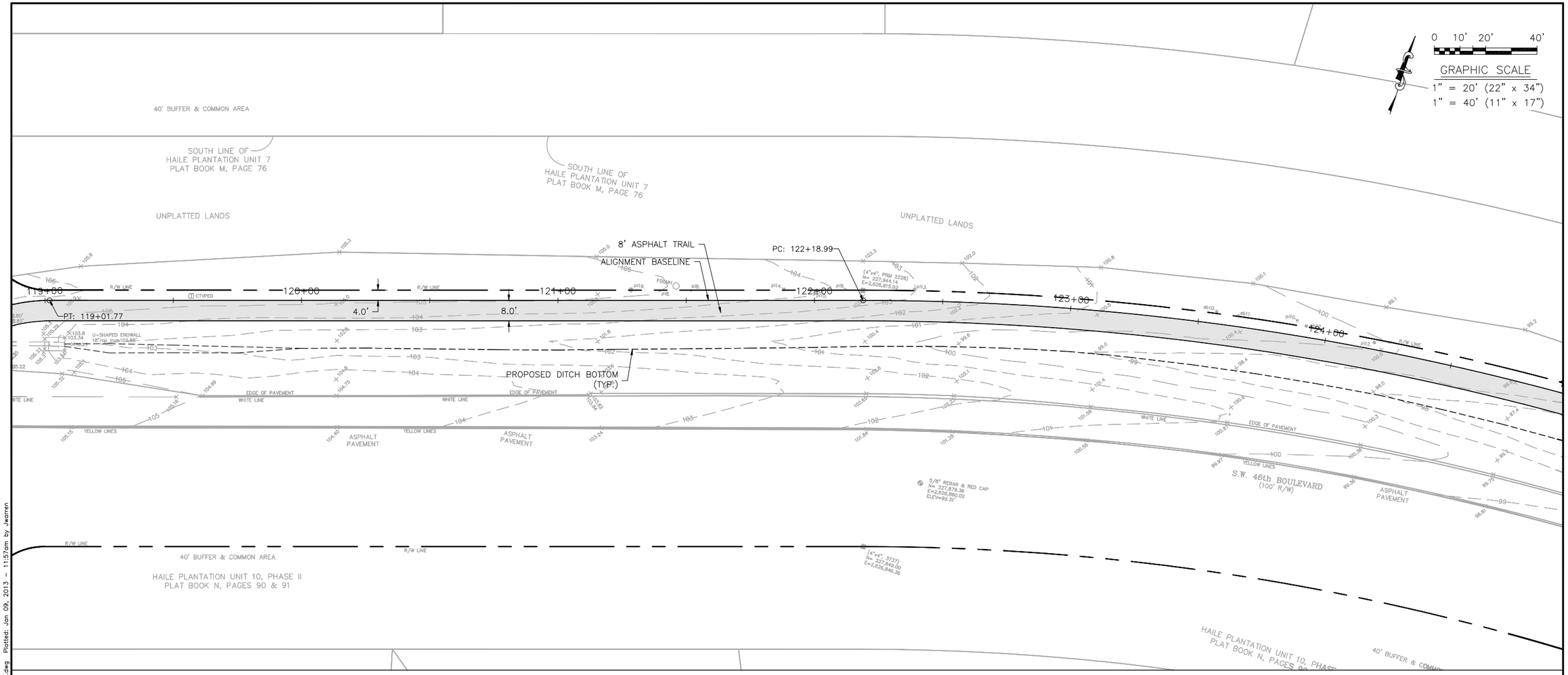
CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

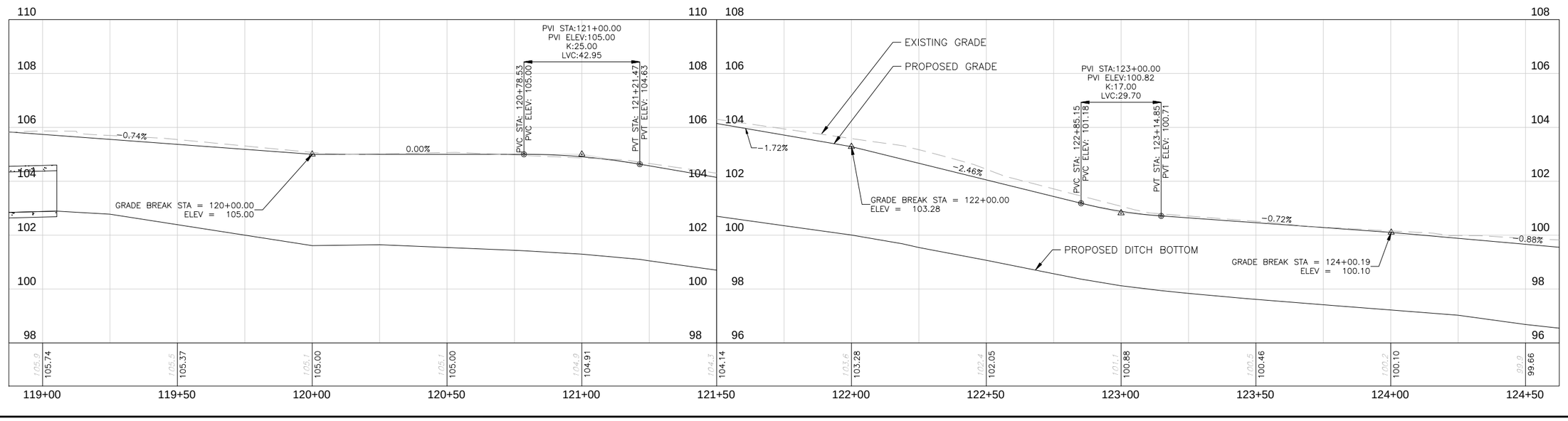
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL)
1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 30





REVISIONS				
NO.	DATE	DESCRIPTION		BY

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DRAWN BY	JFW	APPROVED BY	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 119+00 TO STA. 124+50

SITE ENGINEERING PLANS FOR
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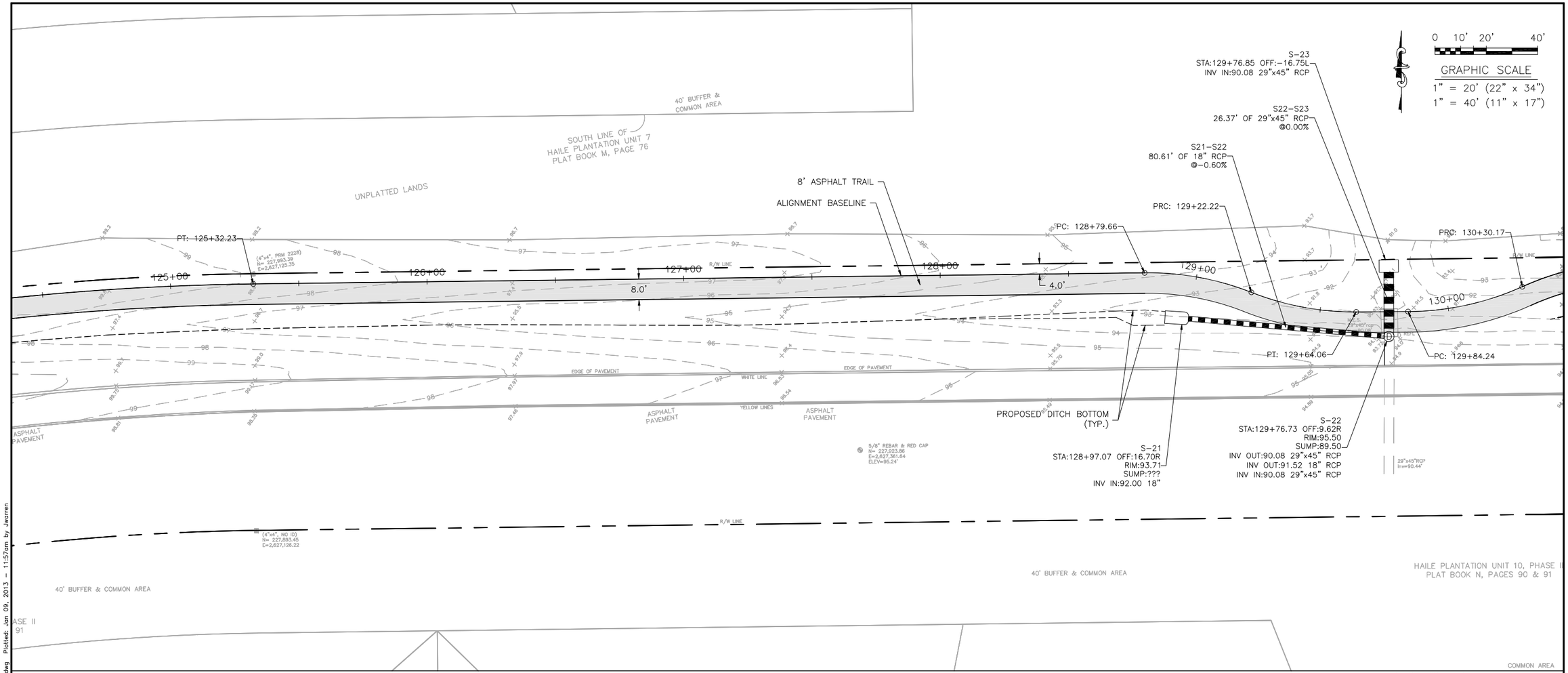
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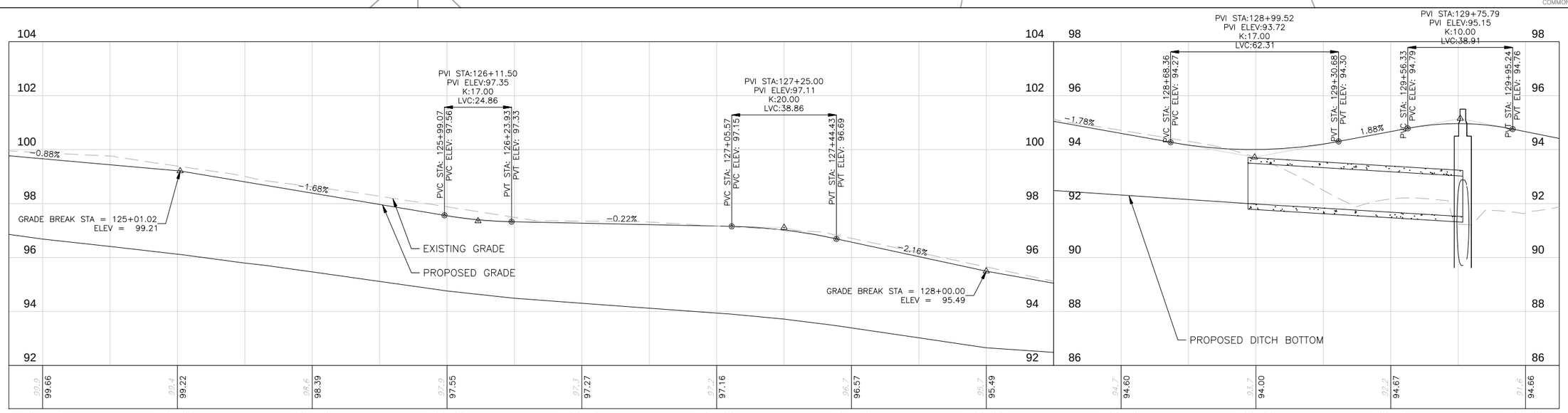
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DATE: DECEMBER 2012

DRAWING: 31

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NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 124+50 TO STA. 130+00

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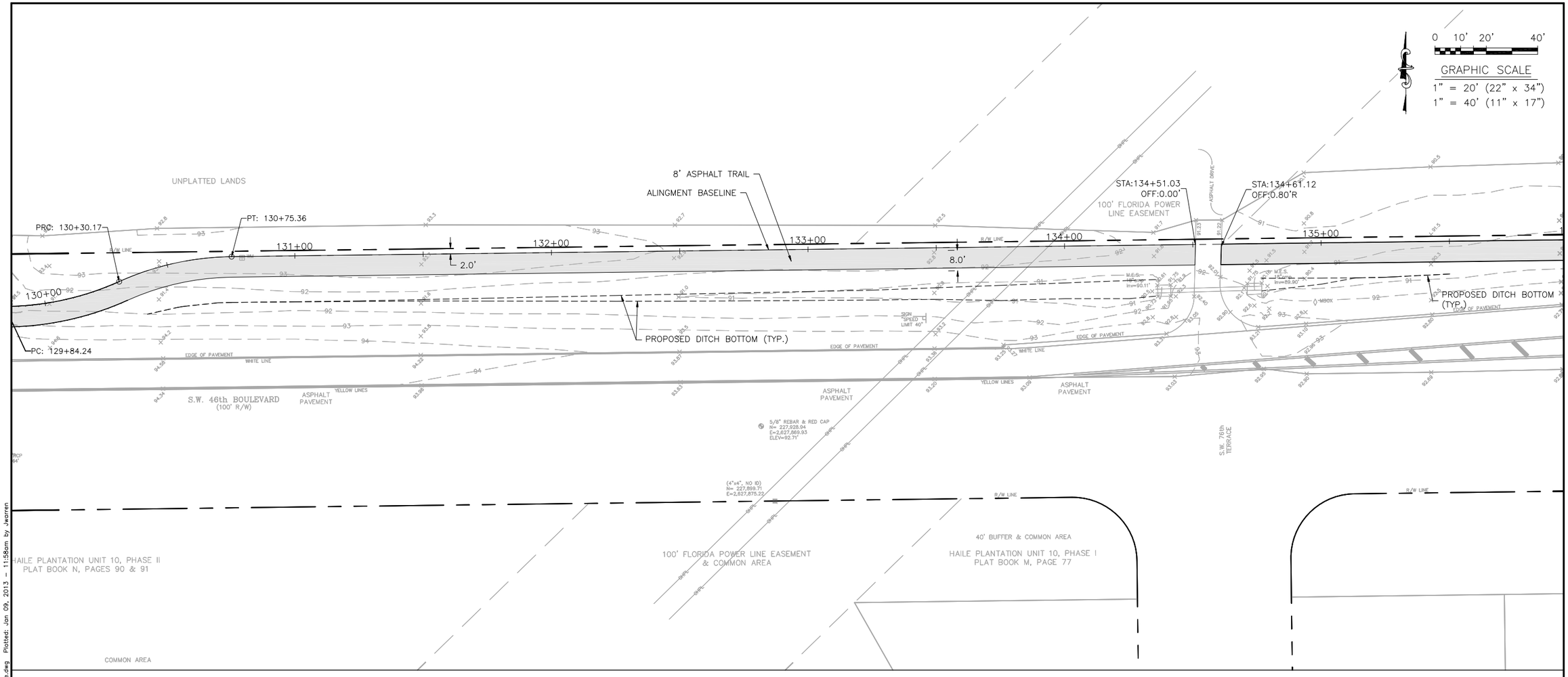
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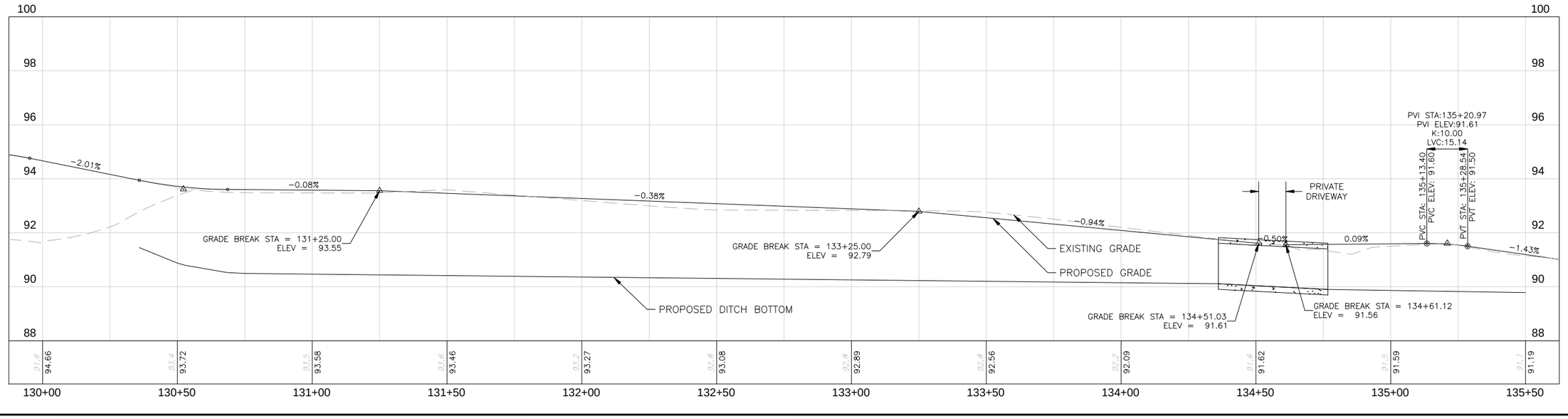
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DATE: DECEMBER 2012

DRAWING: 32

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REVISIONS			
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DRAWN BY	JFW	APPROVED BY	CDT

SW 46TH BOULEVARD TRAIL
PLAN & PROFILE
STA. 130+00 TO STA. 135+50

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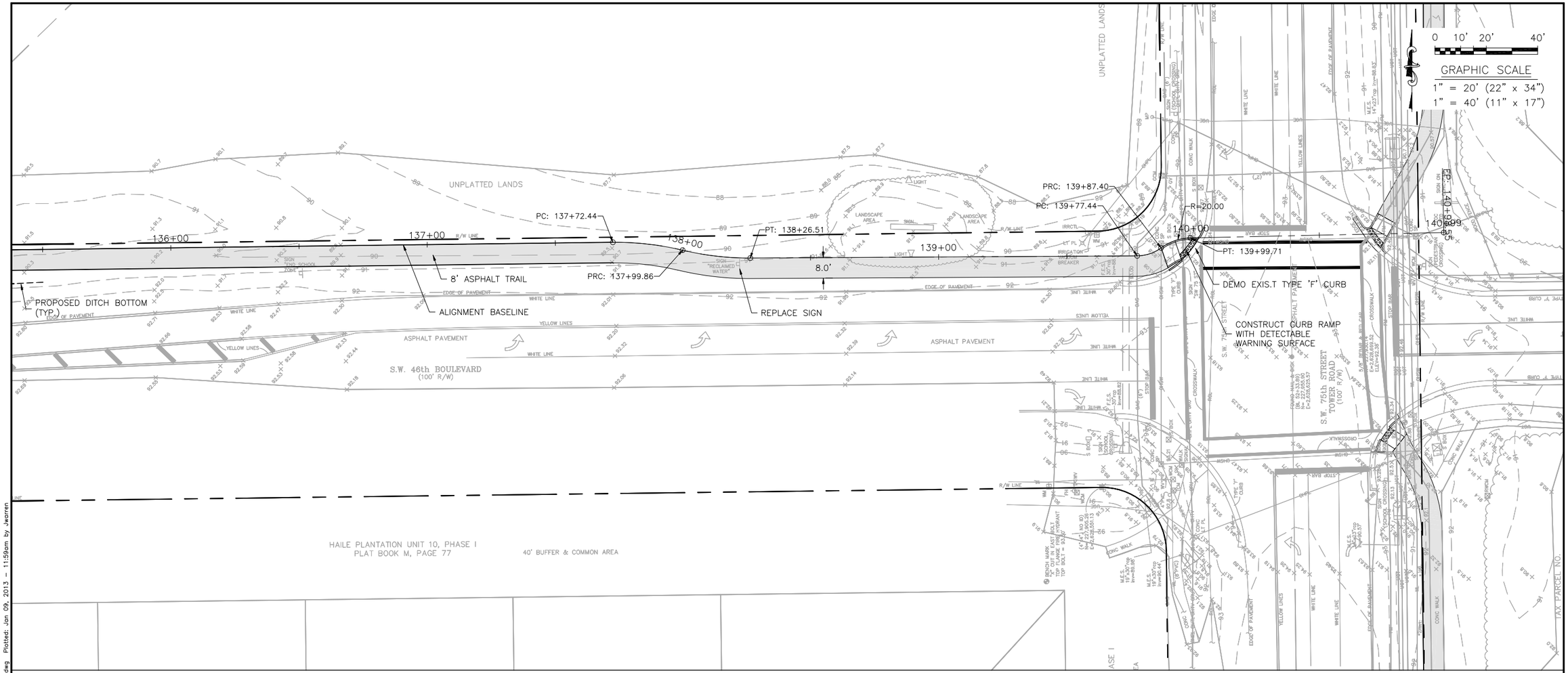
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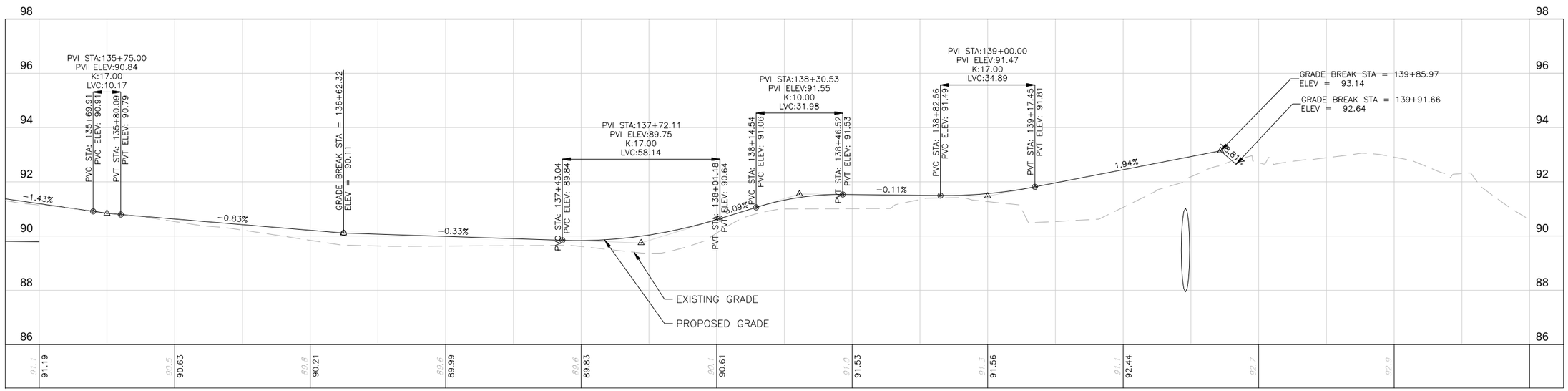
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 33

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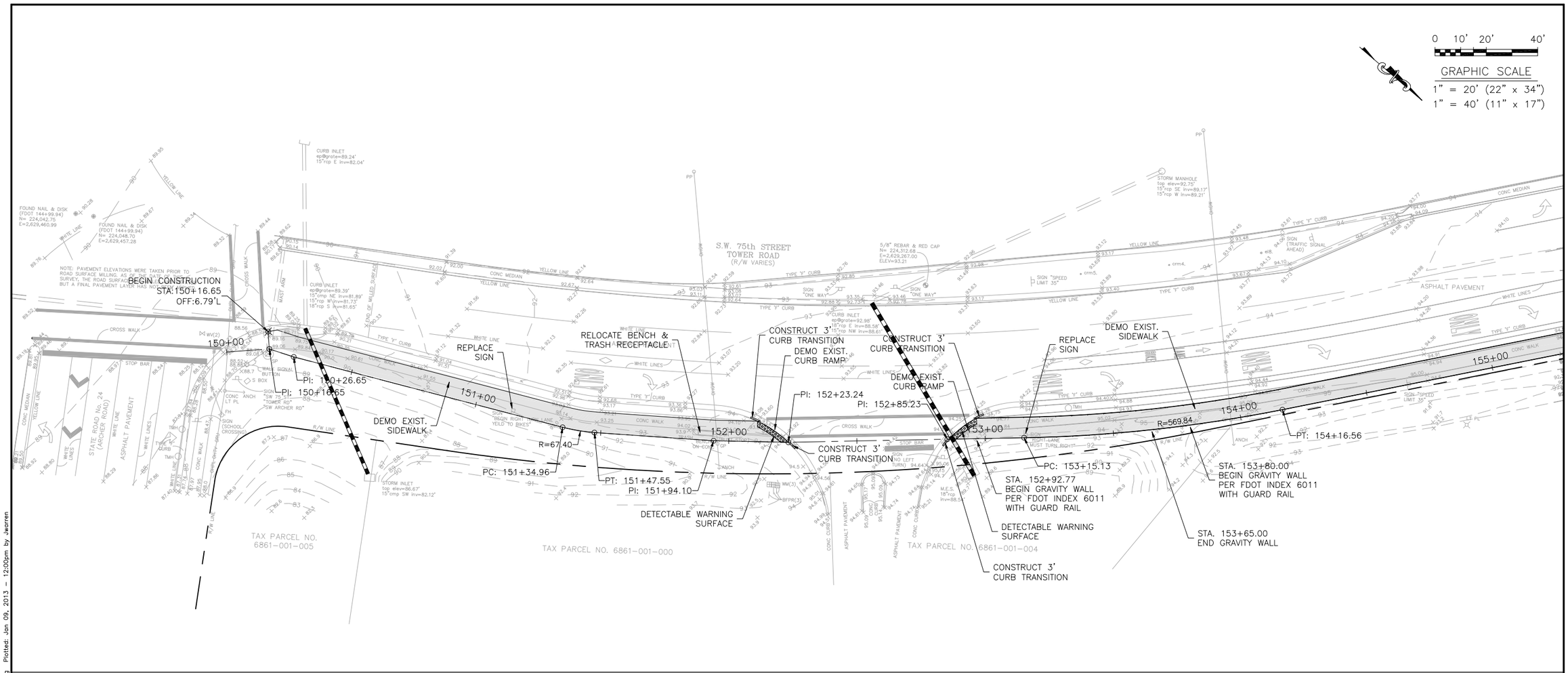
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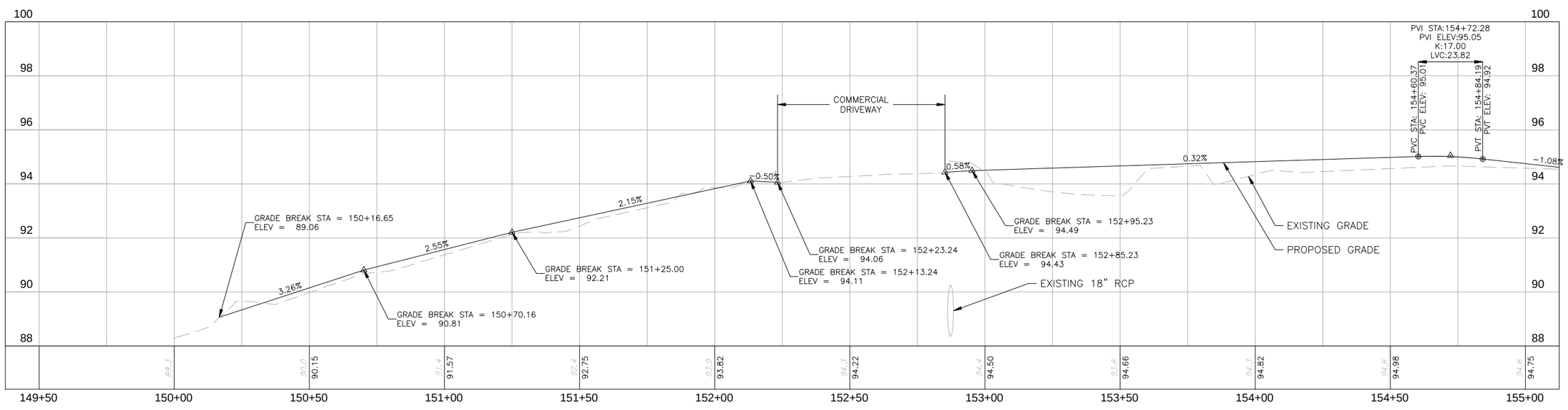
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 34

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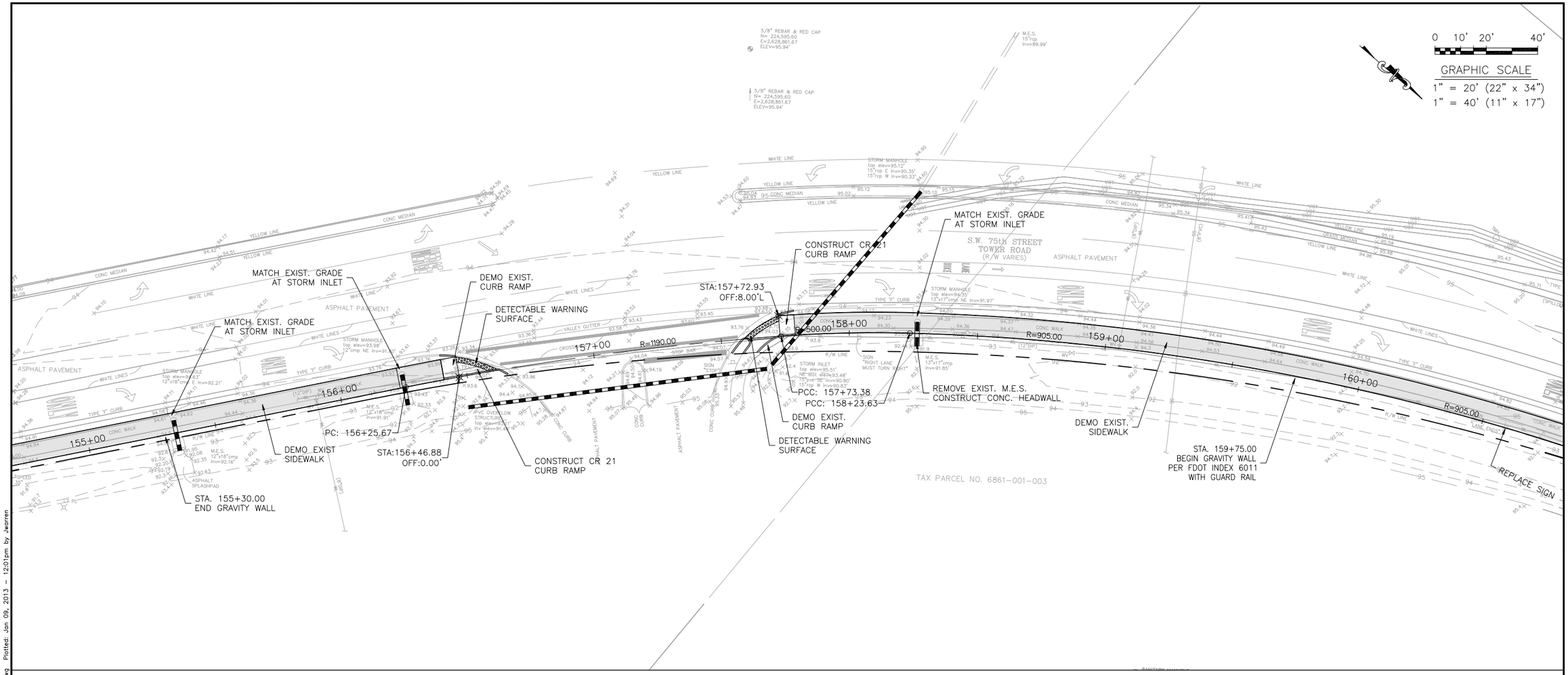
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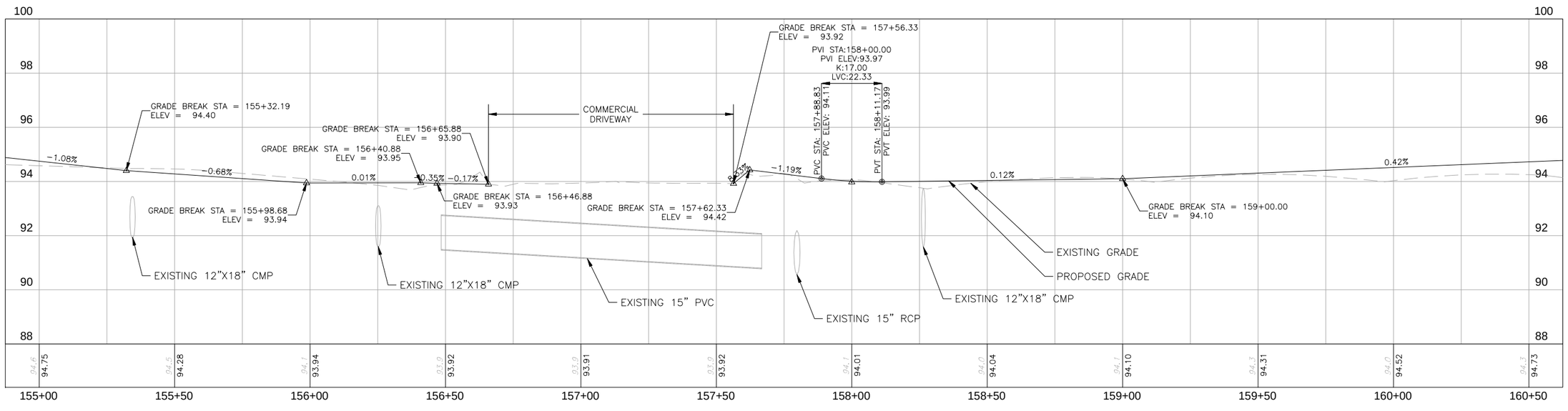
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 35

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NO.	DATE	DESCRIPTION	BY

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JFW	JFW	CDT	CDT

TOWER ROAD TRAIL
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STA. 155+00 TO STA. 160+50

SITE ENGINEERING PLANS FOR

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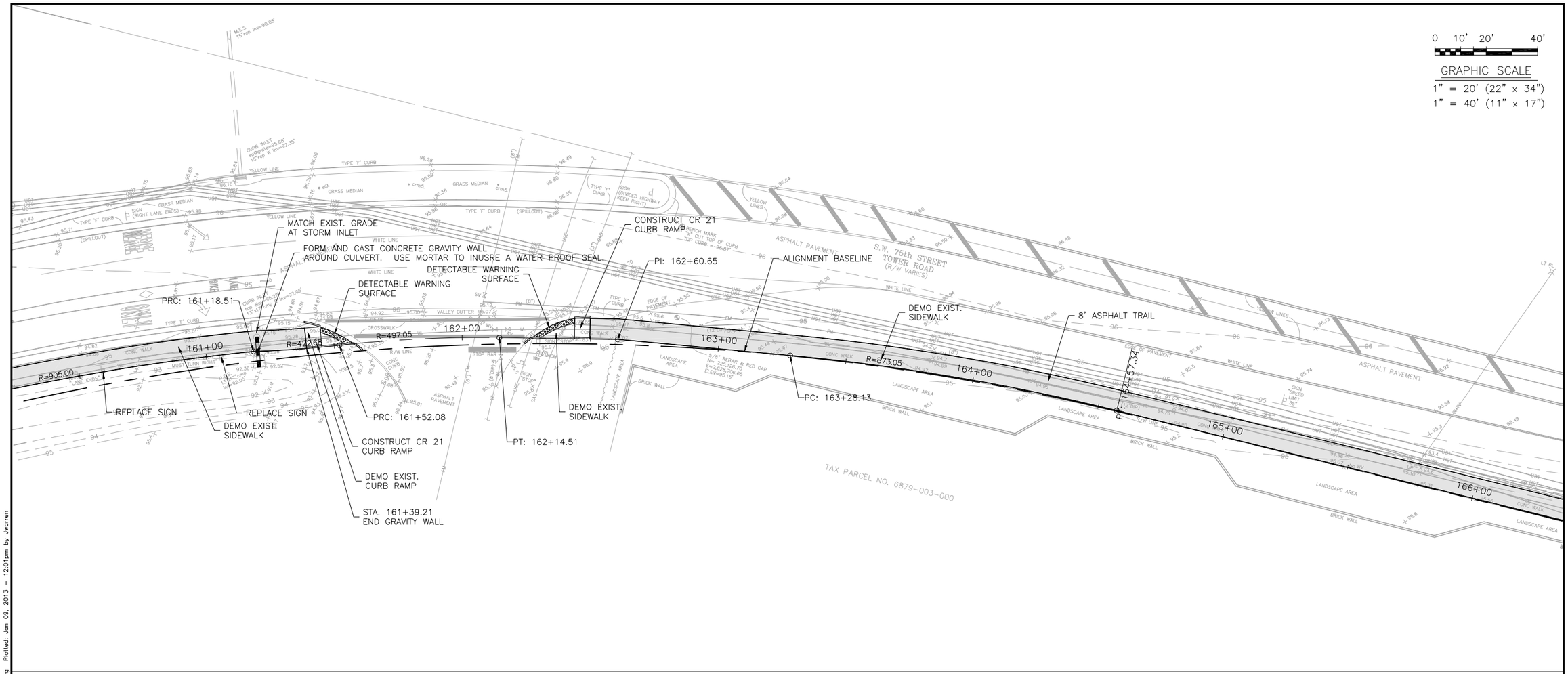
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FLORIDA P.E. NO.: 66928

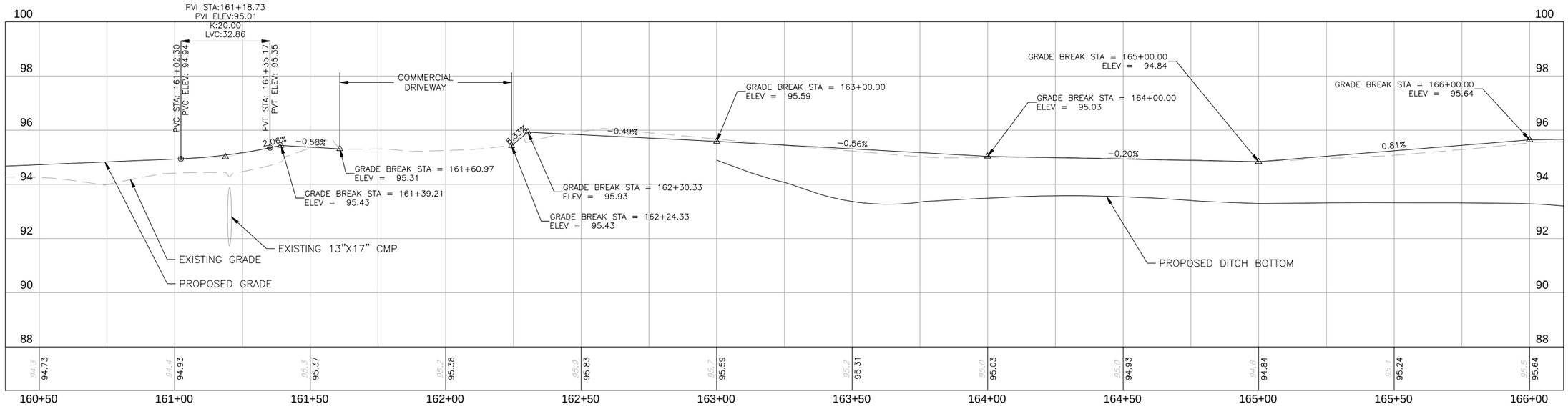
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 36





REVISIONS			
NO.	DATE	DESCRIPTION	BY

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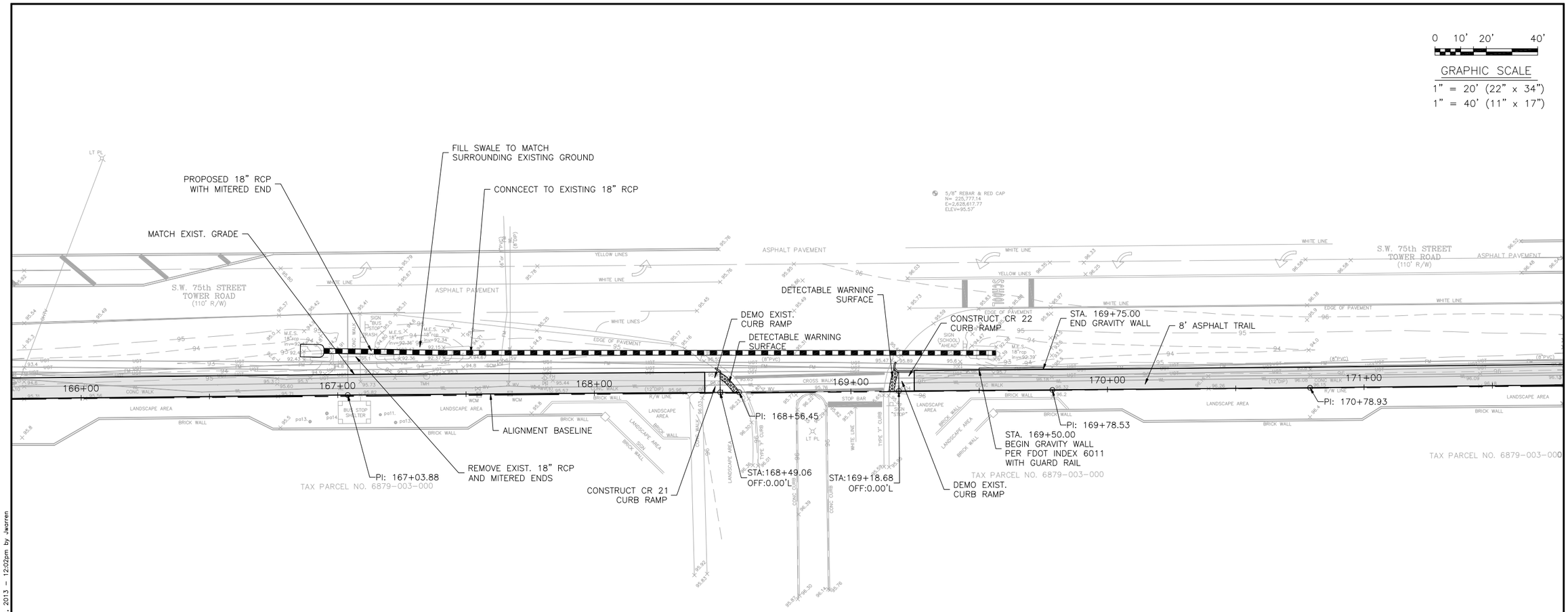
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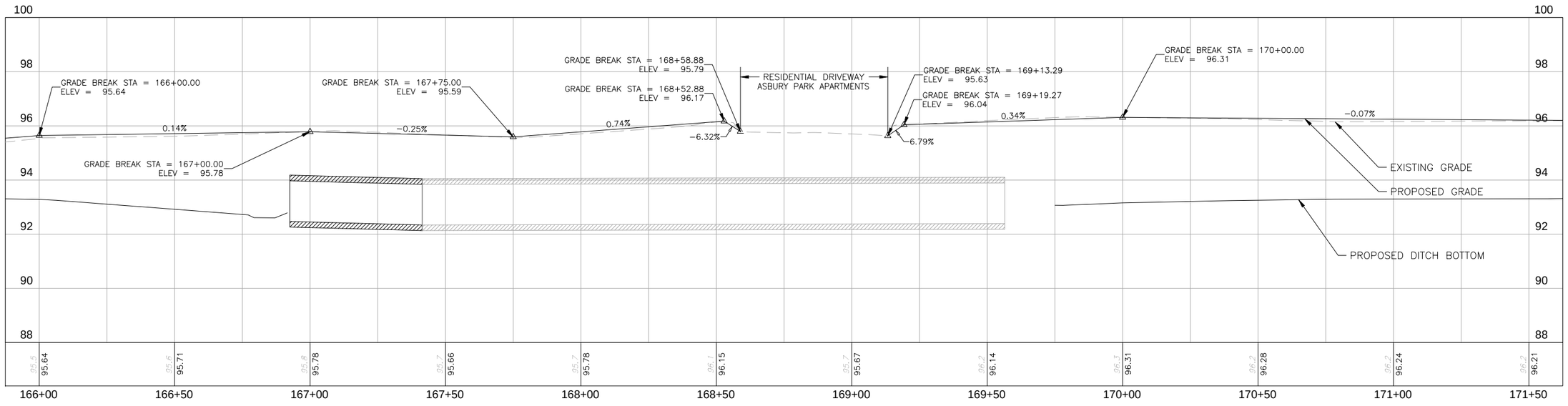
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DATE: DECEMBER 2012

DRAWING: 37

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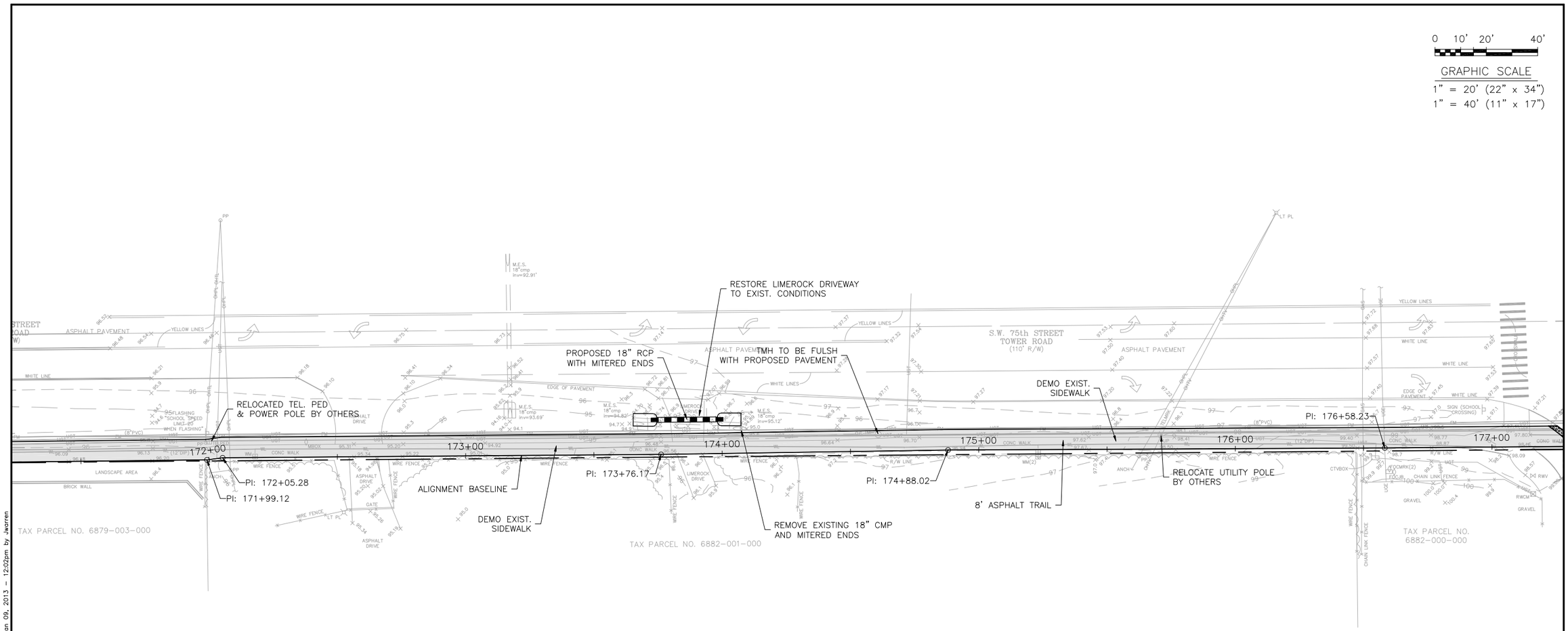
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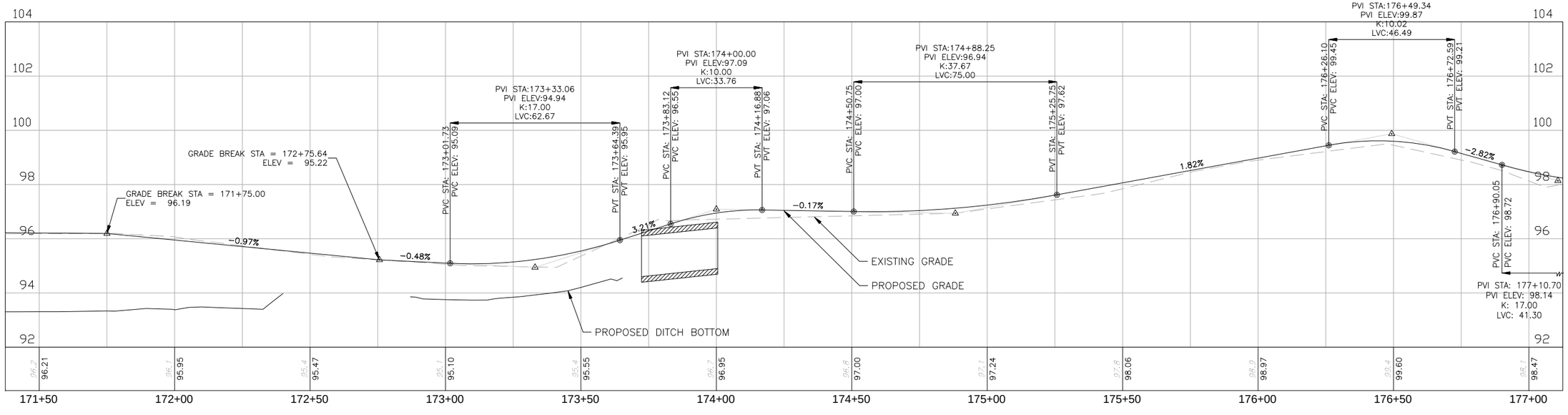
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DATE: DECEMBER 2012

DRAWING: 38

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DRAWN BY	JFW	APPROVED BY	CDT

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STA. 171+50 TO STA. 177+00

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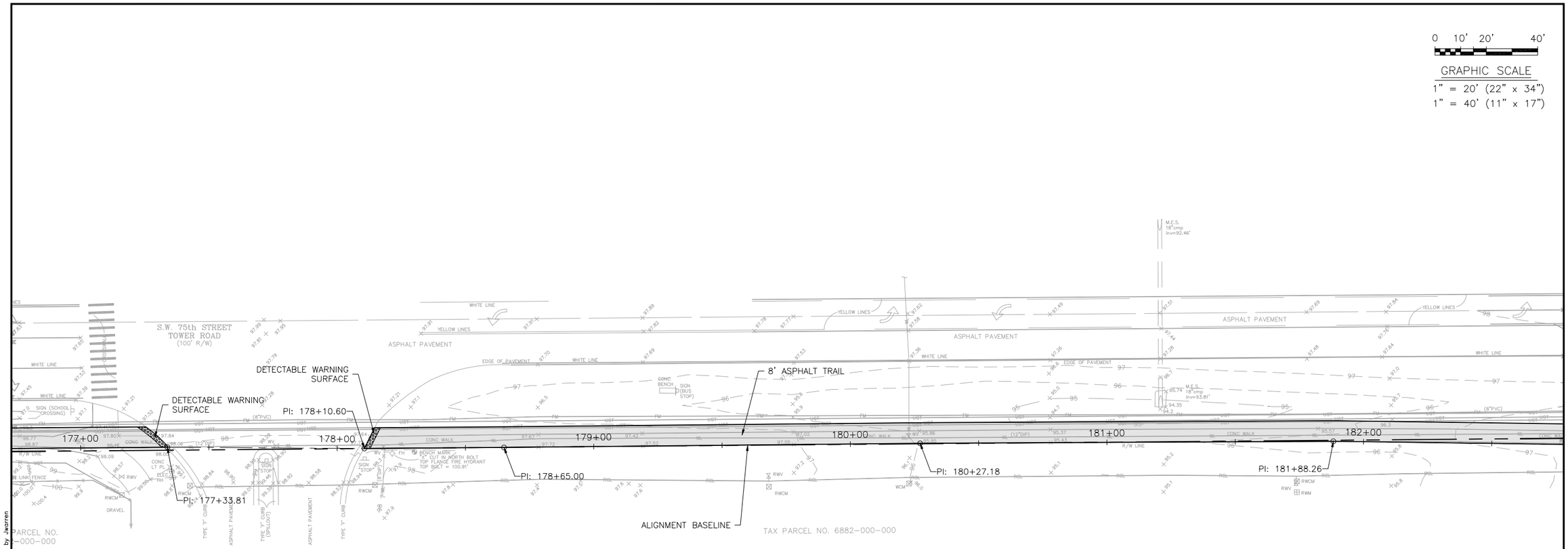
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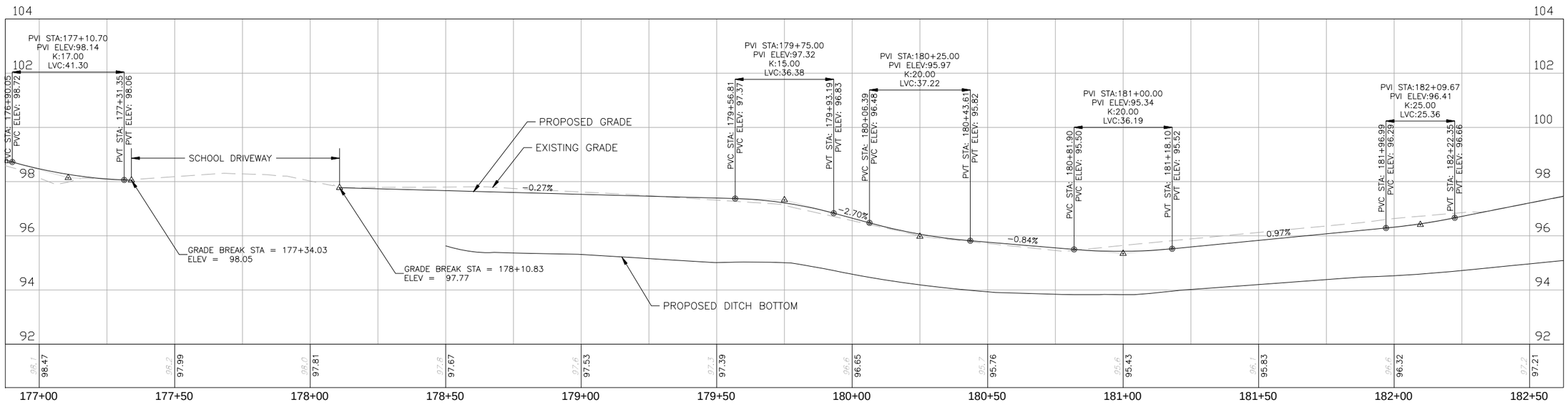
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 39

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TOWER ROAD TRAIL PLAN & PROFILE STA. 177+00 TO STA. 182+50

SITE ENGINEERING PLANS FOR

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PHASE 2

ALACHUA COUNTY, FLORIDA

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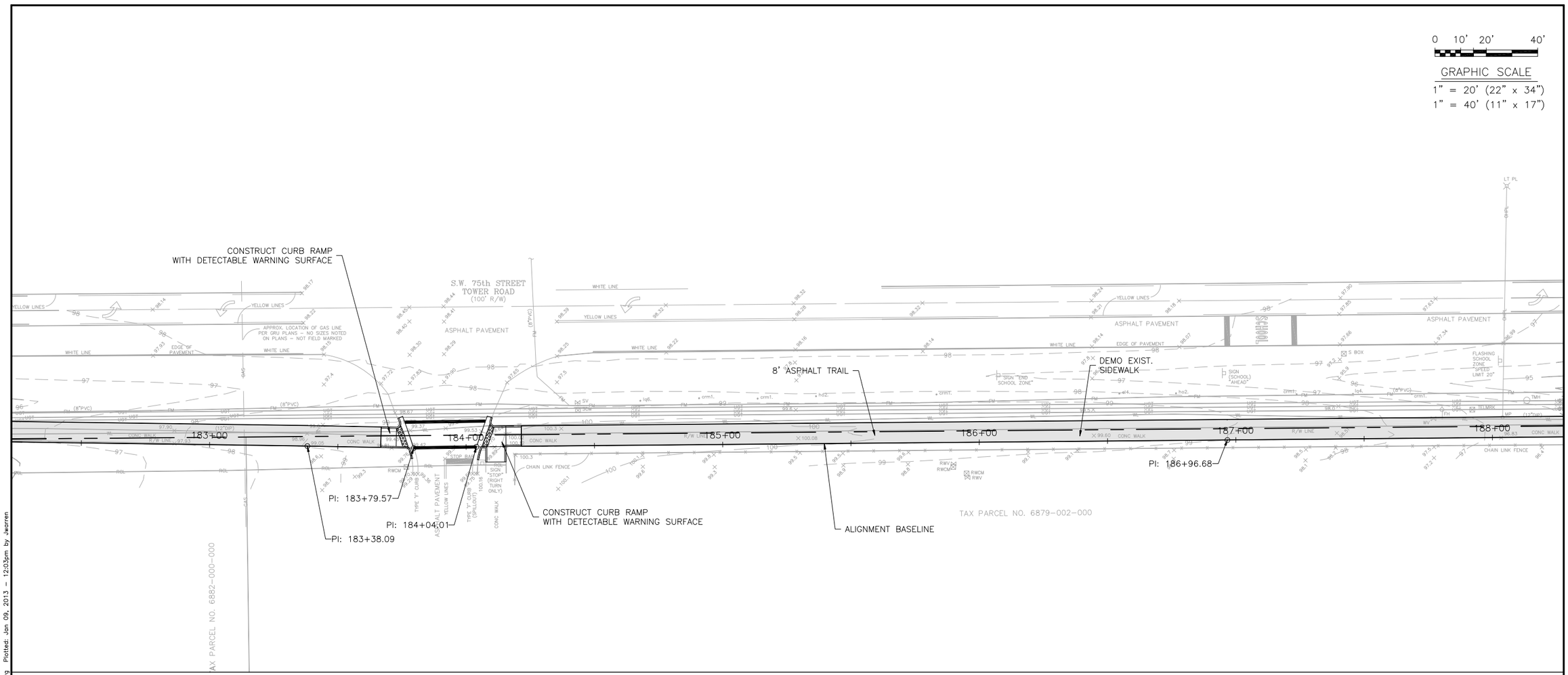
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 40

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DRAWN BY	JFW
CHECKED BY	CDT
APPROVED BY	CDT

TOWER ROAD TRAIL
PLAN & PROFILE
STA. 182+50 TO STA. 188+00

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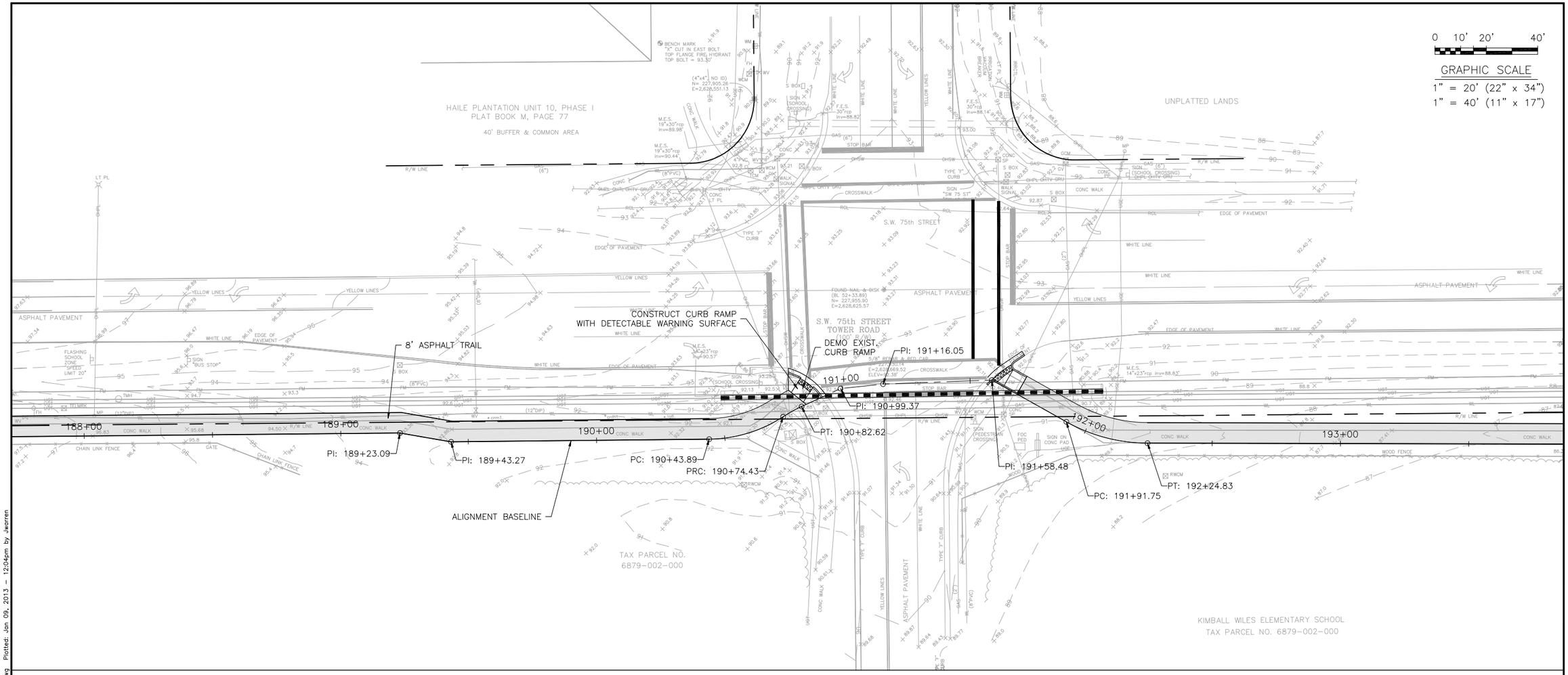
CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

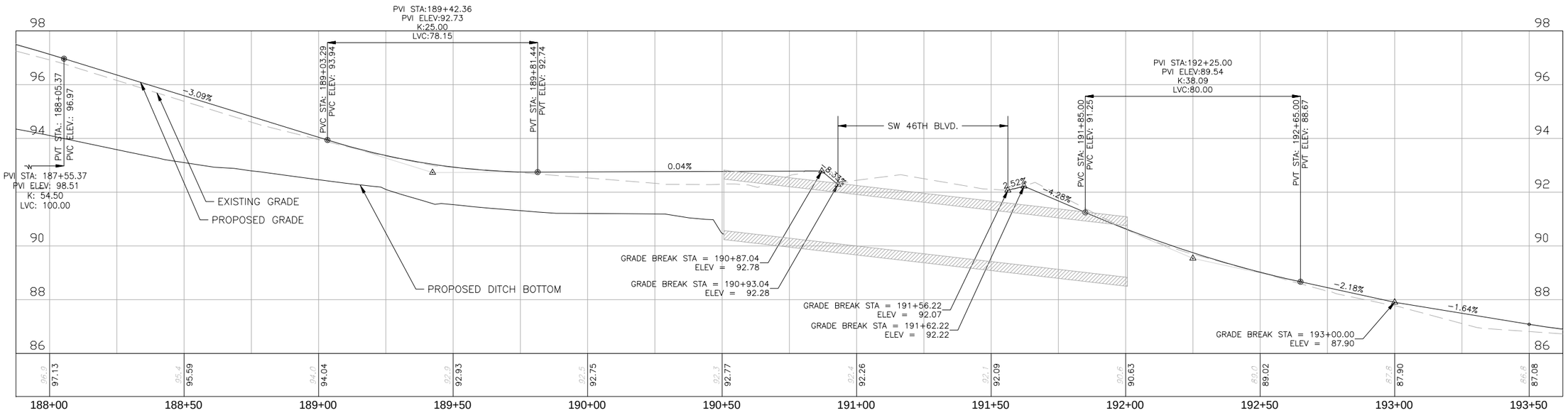
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 41





REVISIONS			
NO.	DATE	DESCRIPTION	BY

DESIGNED BY	JFW	CHECKED BY	CDT
DRAWN BY	JFW	APPROVED BY	CDT

TOWER ROAD TRAIL
PLAN & PROFILE
STA. 188+00 TO STA. 193+50

SITE ENGINEERING PLANS FOR
ARCHER BRAID TRAIL
PHASE 2
ALACHUA COUNTY, FLORIDA

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FLORIDA P.E. NO.: 66928

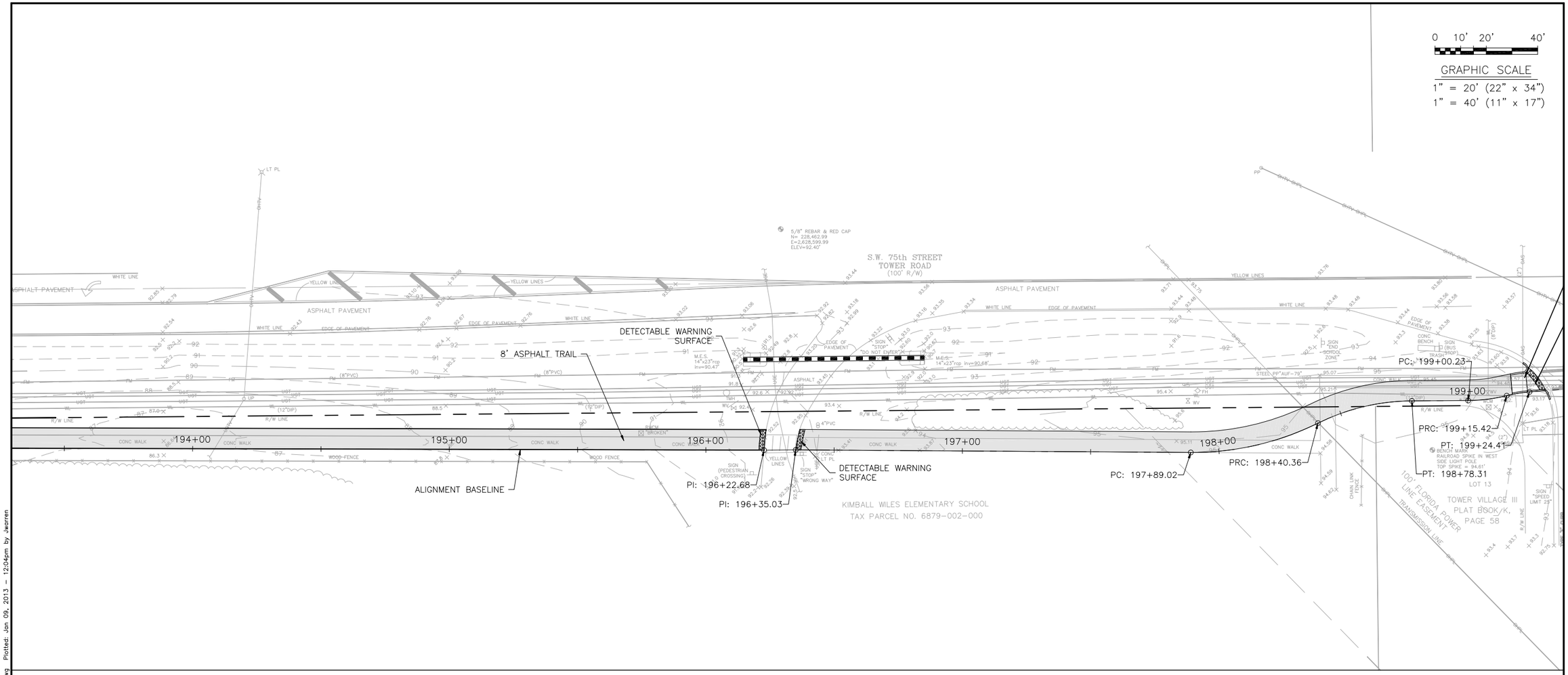
PROJECT NO.: 11-0160.000

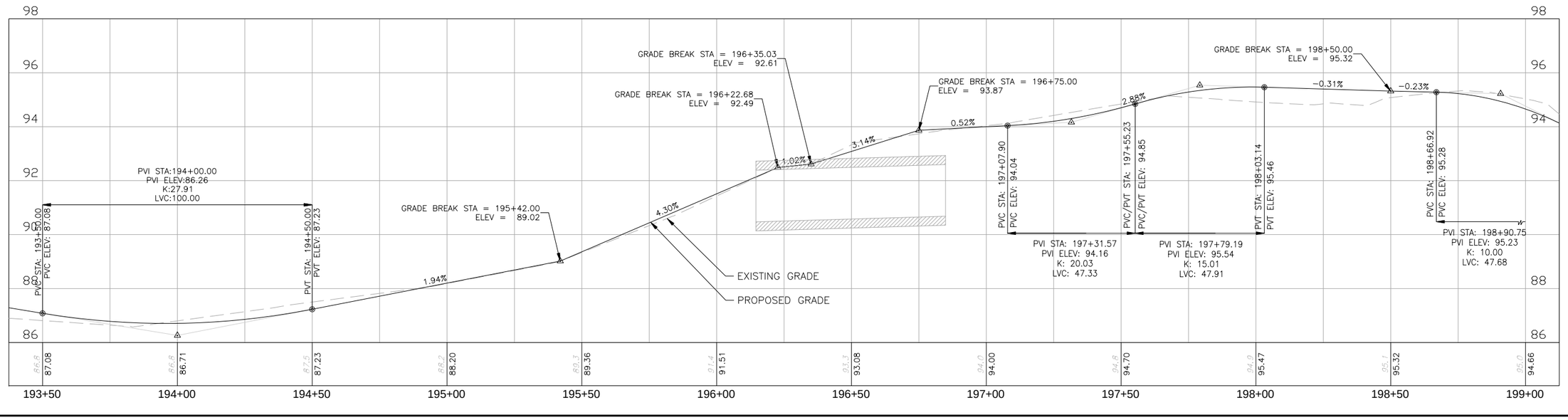
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 42

\\srv-gnv-fs1\P\Projects\Projects11\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\Tower_Road_Plan_Profile.dwg Plotted: Jan 09, 2013 – 12:04pm by Jwarren





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NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

TOWER ROAD TRAIL
PLAN & PROFILE
STA. 193+50 TO STA. 199+00

SITE ENGINEERING PLANS FOR

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FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 43

\\srv-gnn-fs1\P\Projects\Projects11\11-0160.001_Archer_Braid_Multi-Use_Path_Phase2\Plans\Tower_Road_Plan_Profile.dwg Plotted: Jan 09, 2013 – 12:04pm by Jwarren

0 10' 20' 40'

GRAPHIC SCALE

1" = 20' (22" x 34")

1" = 40' (11" x 17")

DEMO EXIST. CURB RAMP

CONSTRUCT CURB RAMP WITH DETECTABLE WARNING SURFACE

PI: 199+69.76

PI: 200+07.85

8' ASPHALT TRAIL

ALIGNMENT BASELINE

PC: 199+00.23

199+00

PRC: 199+15.42

PT: 199+24.41

PT: 198+78.31

DEMO EXIST. CURB RAMP

CONSTRUCT CURB RAMP WITH DETECTABLE WARNING SURFACE

5/8" REBAR & RED CAP
N= 229,239.77
E=2,626,584.01
ELEV=91.45'

S.W. 75th STREET
TOWER ROAD
(100' R/W)

ASPHALT PAVEMENT

SW 45th PLACE

100' FLORIDA POWER LINE EASEMENT
TRANSMISSION LINE

LOT 13
TOWER VILLAGE III
PLAT BOOK/K, PAGE 58

LOT 14
TOWER VILLAGE III
PLAT BOOK K, PAGE 58

LOT 15

LOT 16

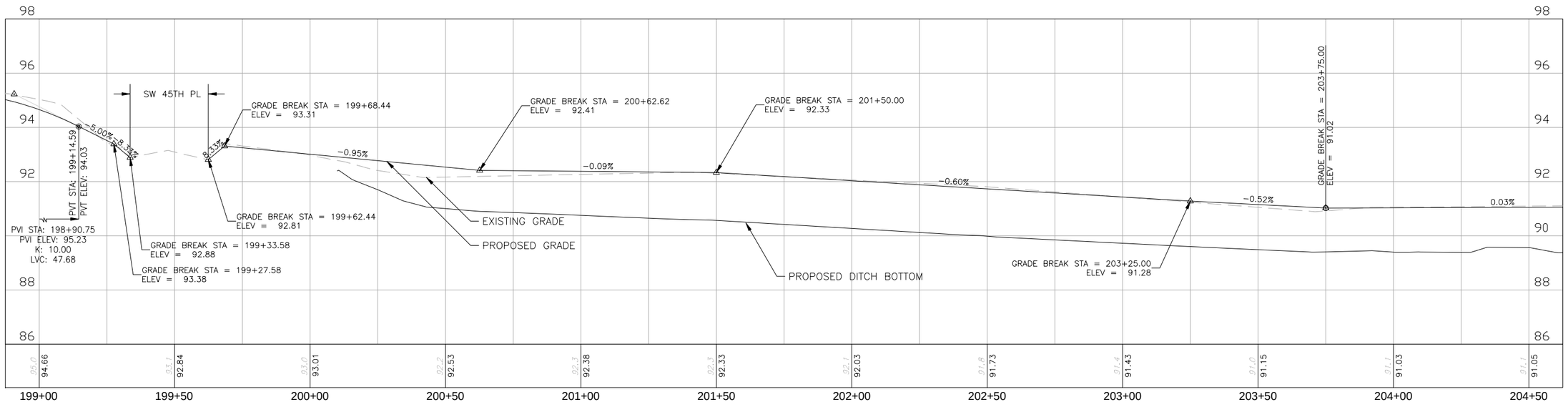
LOT 17
TOWER VILLAGE III
PLAT BOOK K, PAGE 58

2" GAS LINE – 1' TO 4' E OF R/W PER PLANS – NOT FIELD MARKED

2" GAS LINE – 4' E OF R/W RUNS NORTH PER PLANS – NOT FIELD MARKED

CHAIN LINK FENCE

WOOD FENCE



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NO.	DATE	DESCRIPTION	BY

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JFW	JFW	CDT	CDT

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STA. 199+00 TO STA. 204+50

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PROJECT NO.: 11-0160.000

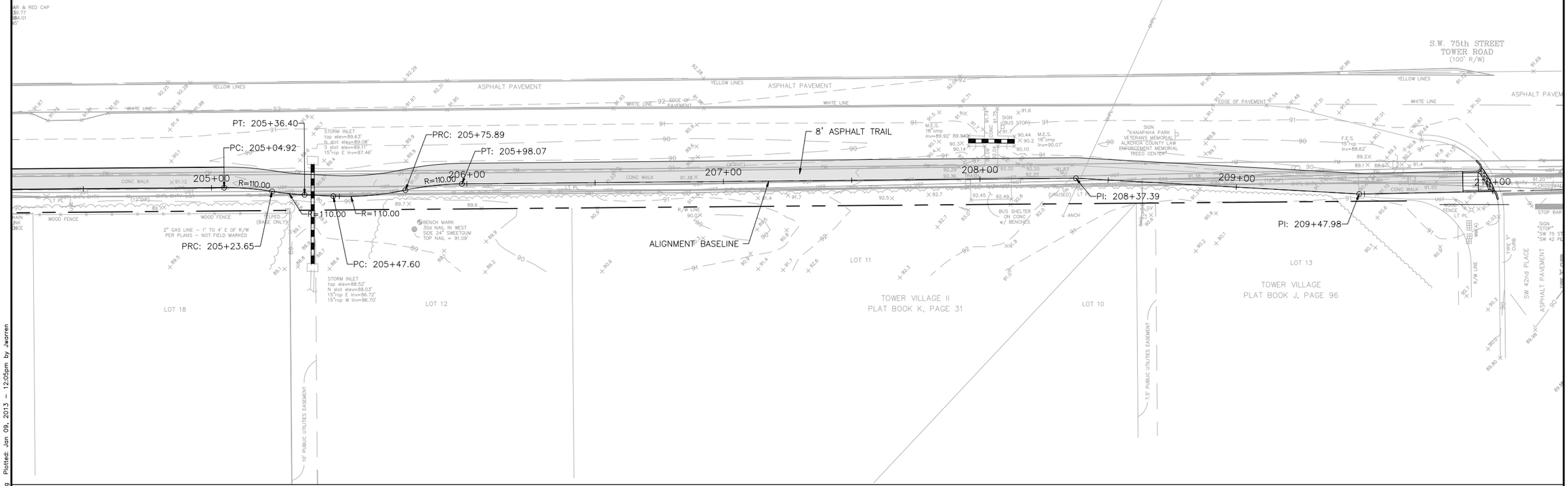
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

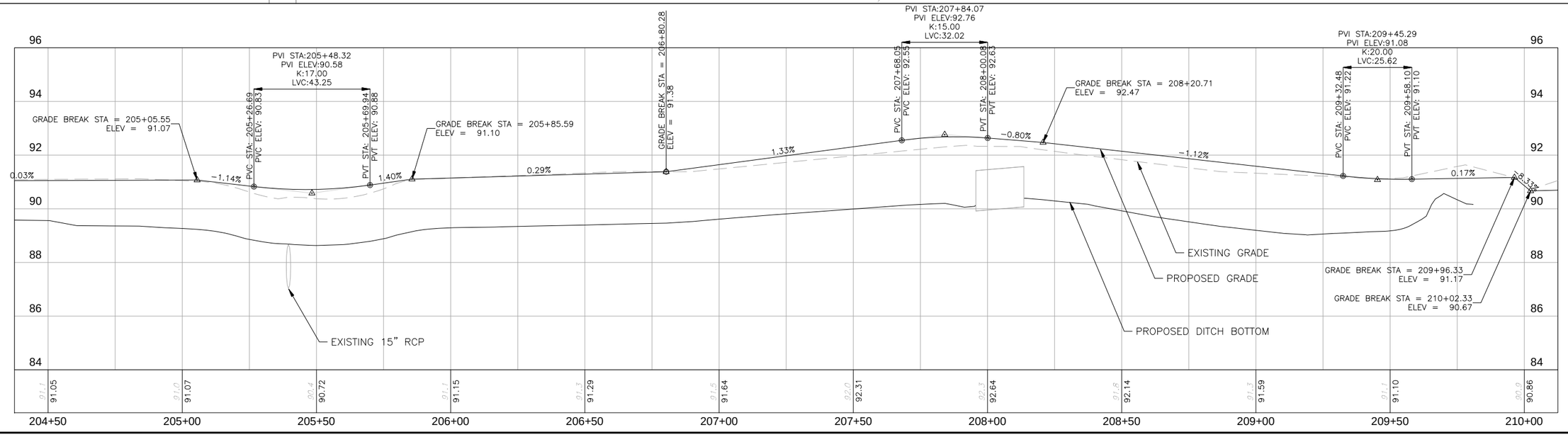
DATE: DECEMBER 2012

DRAWING: 44

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APPROVED BY	CDT

TOWER ROAD TRAIL
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STA. 204+50 TO STA. 210+00

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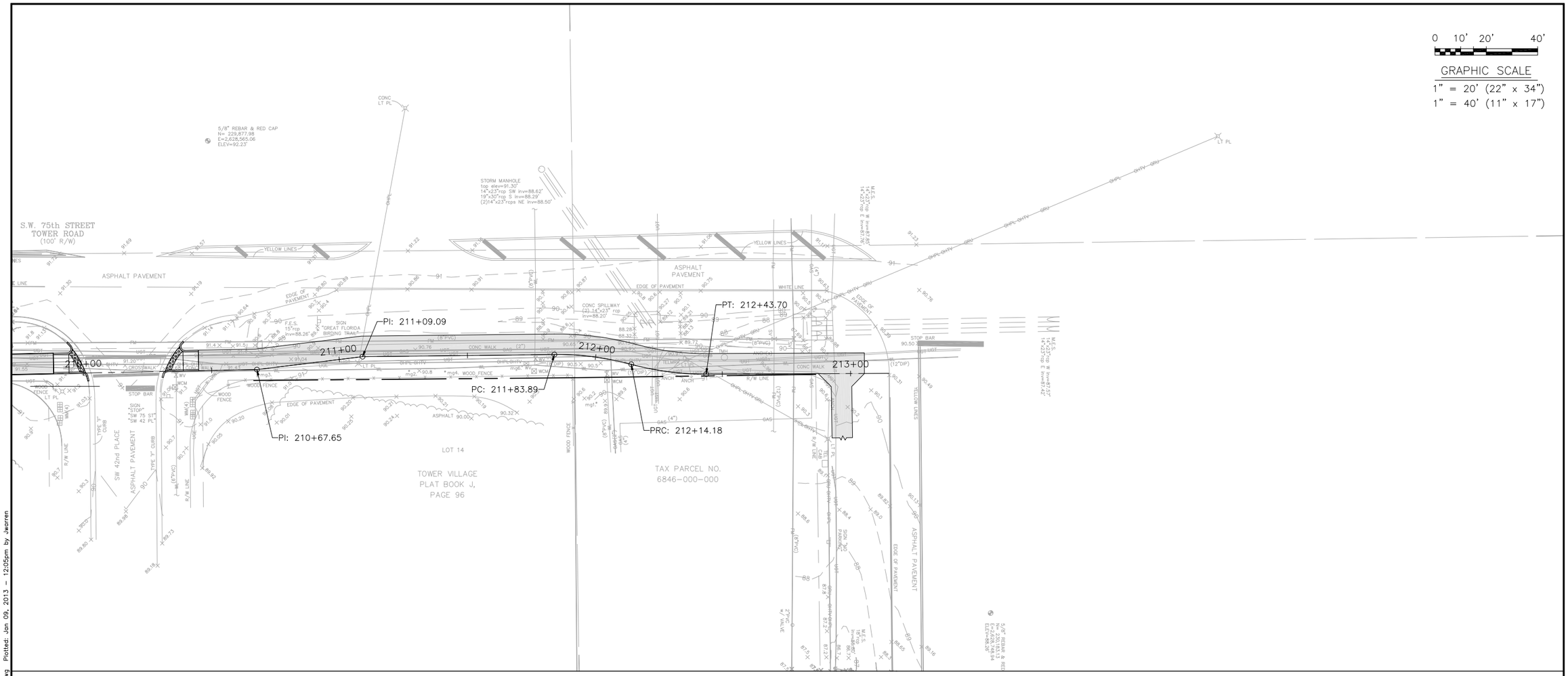
CHRISTOPHER D. TOWNE, P.E.
FLORIDA P.E. NO.: 66928

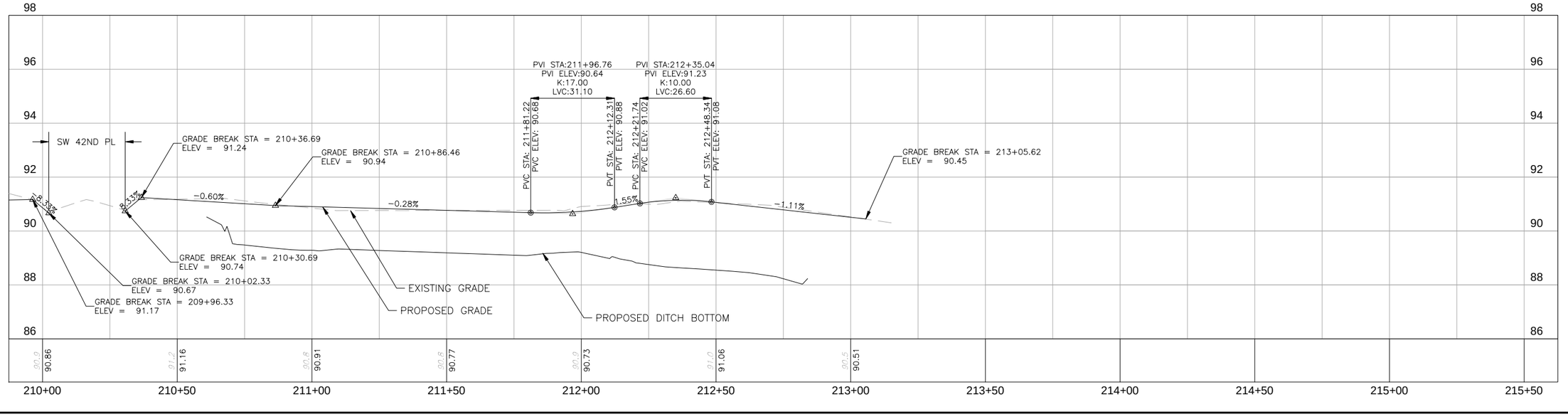
PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 45





REVISIONS			
NO.	DATE	DESCRIPTION	BY

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JFW	JFW	CDT	CDT

TOWER ROAD TRAIL
PLAN & PROFILE
STA. 210+00 TO STA. 215+50

SITE ENGINEERING PLANS FOR
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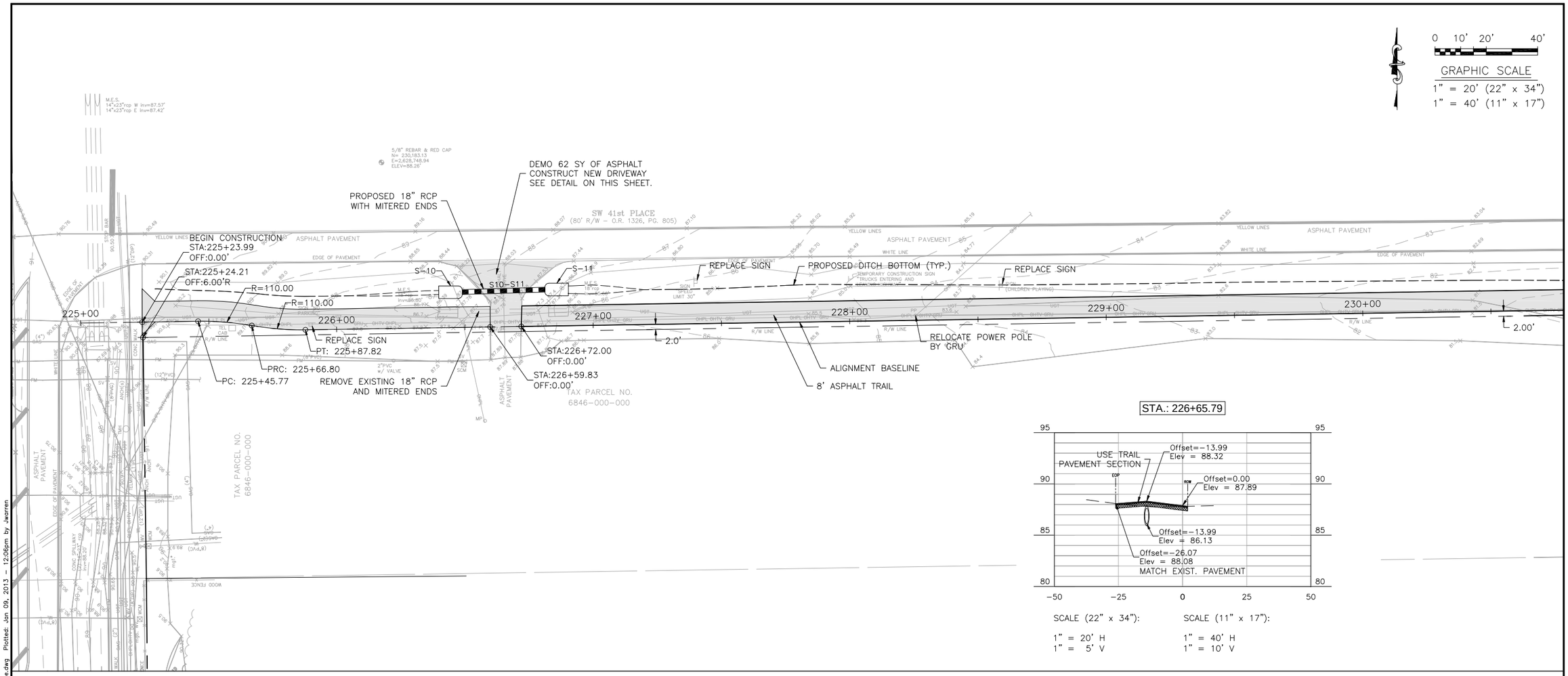
PROJECT NO.:
11-0160.000

SCALE:
1" = 20' (HORIZONTAL)
1" = 2' (VERTICAL)

DATE:
DECEMBER 2012

DRAWING:
46

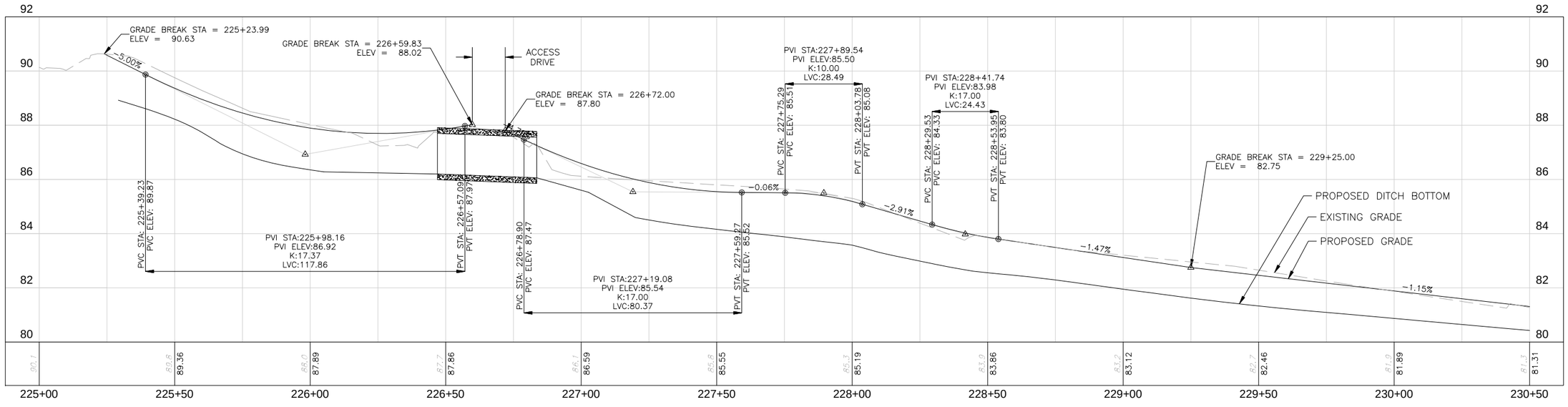
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STA.: 226+65.79

SCALE (22" x 34"):
1" = 20' H
1" = 5' V

SCALE (11" x 17"):
1" = 40' H
1" = 10' V



REVISIONS			
NO.	DATE	DESCRIPTION	BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JFW	JFW	CDT	CDT

SW 41ST PLACE TRAIL PLAN & PROFILE STA. 225+00 TO STA. 230+50

SITE ENGINEERING PLANS FOR
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PHASE 2
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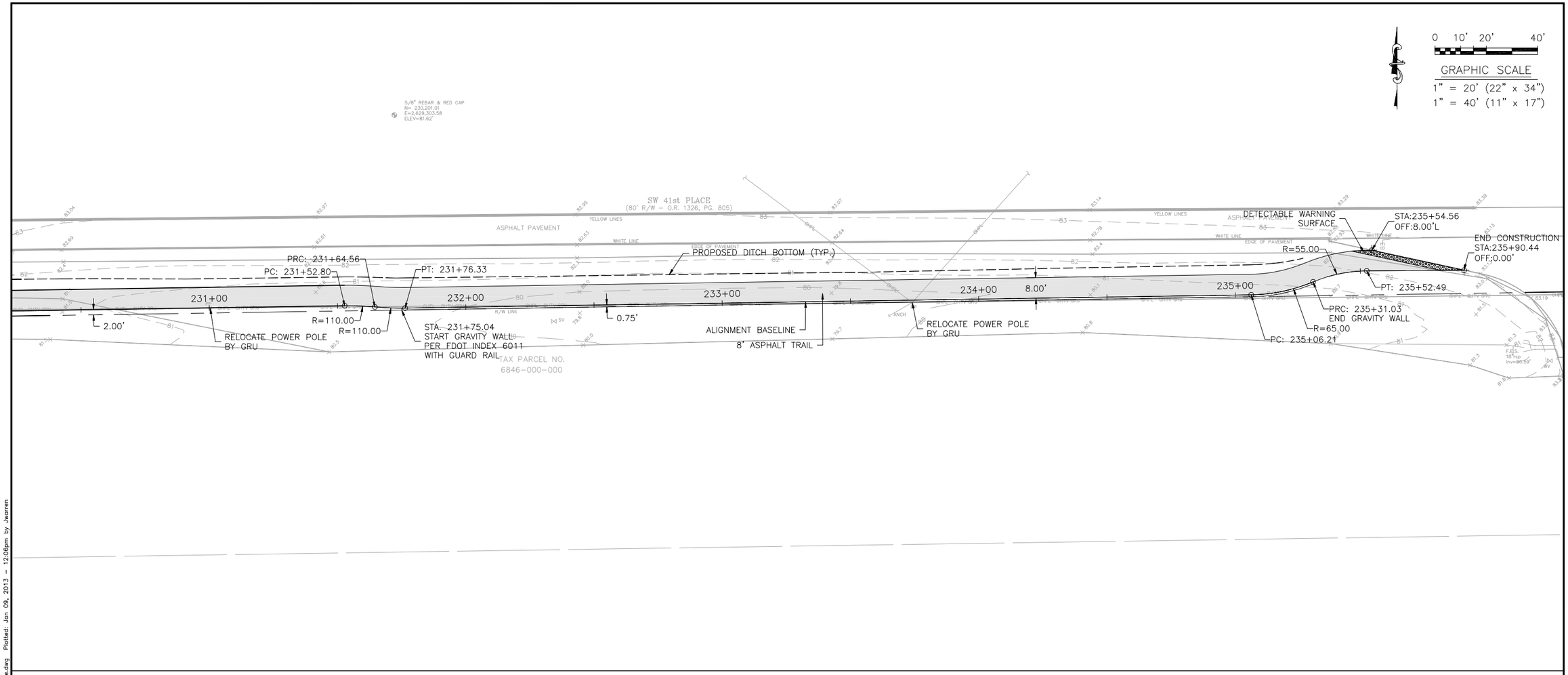
PROJECT NO.: 11-0160.000

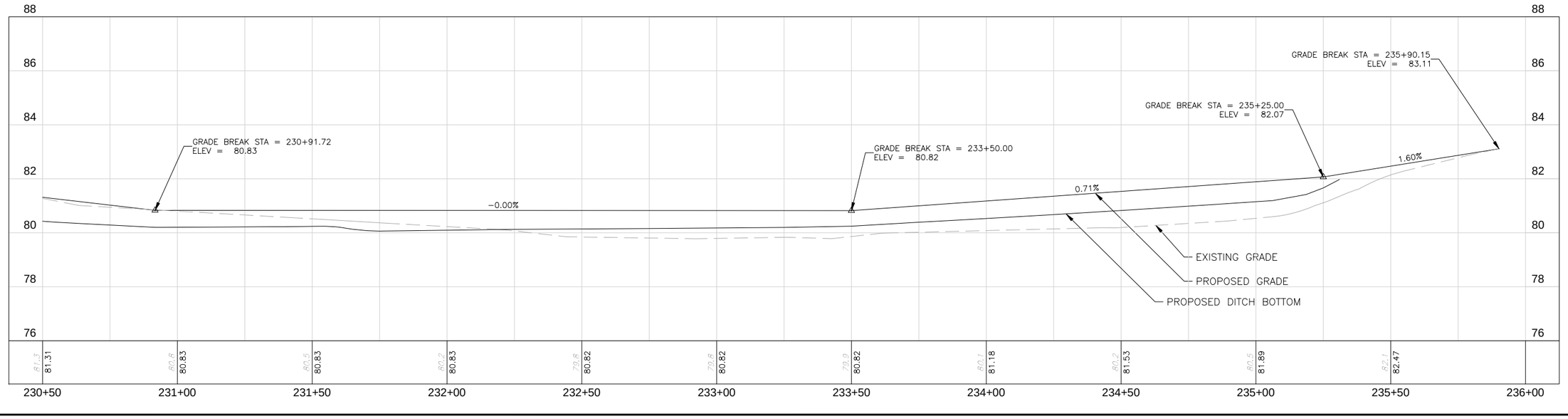
SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 47

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JFW	JFW	CDT	CDT

SW 41ST PLACE TRAIL
PLAN & PROFILE
STA. 230+50 TO STA. 236+00

SITE ENGINEERING PLANS FOR

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FLORIDA P.E. NO.: 66928

PROJECT NO.: 11-0160.000

SCALE: 1" = 20' (HORIZONTAL) 1" = 2' (VERTICAL)

DATE: DECEMBER 2012

DRAWING: 48

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