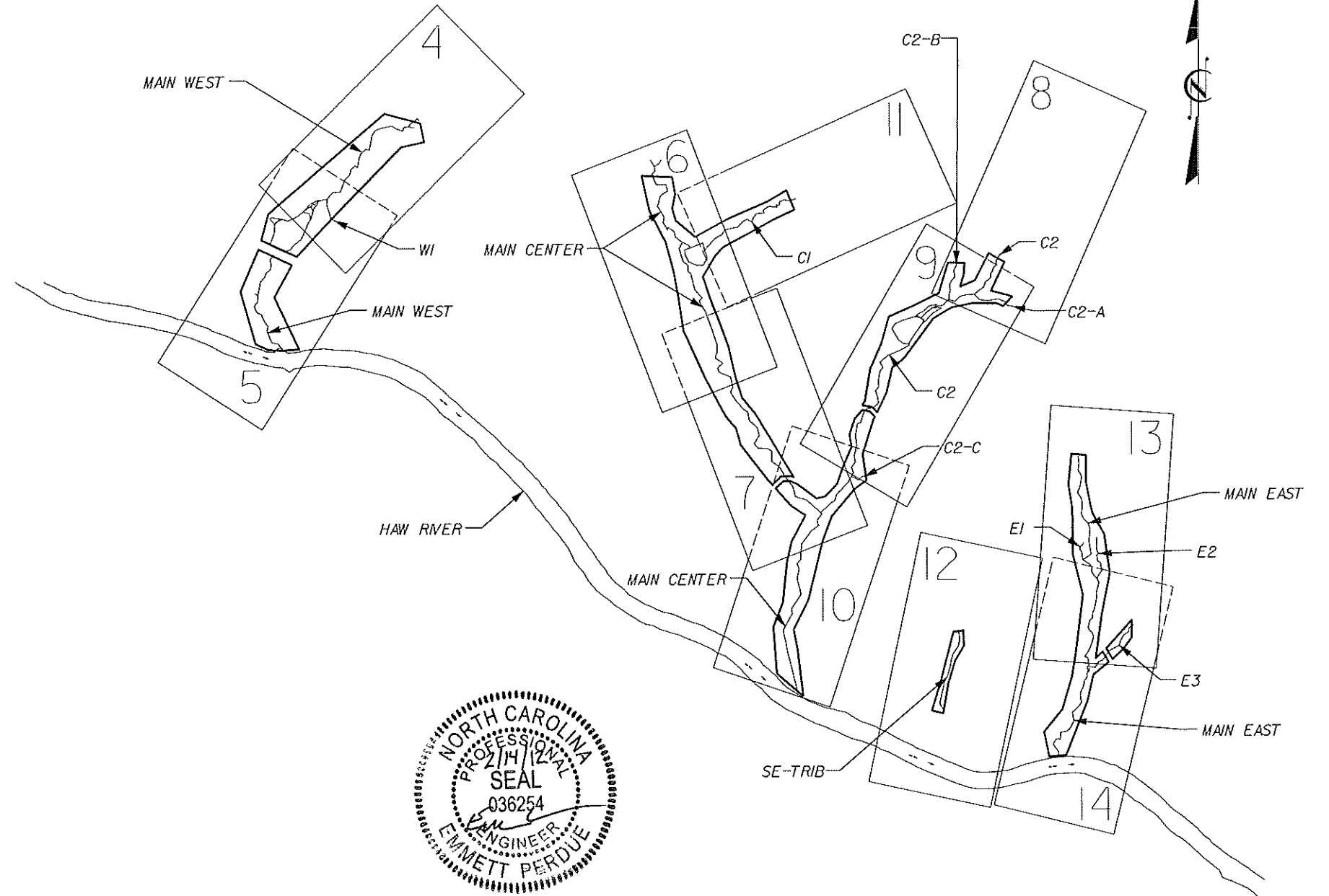
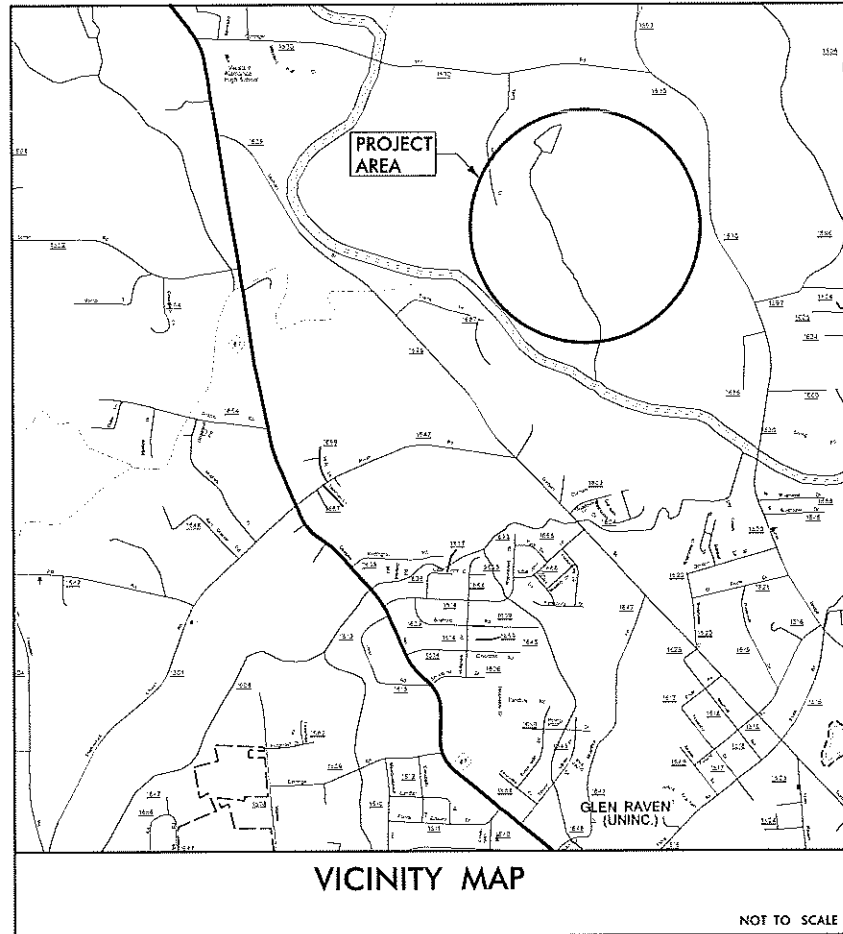


ALAMANCE COUNTY

UT TO HAW RIVER STREAM ENHANCEMENT PROJECT

LOCATION: APPROXIMATELY 2.8 MILES SOUTHEAST OF THE TOWN OF OSSIPEE AND 3.1 MILES NORTHWEST OF THE CITY OF BURLINGTON

RECORD DRAWINGS



INDEX OF SHEETS	
SHEET NUMBER	SHEET
1	TITLE SHEET
1A	LEGEND
4 - 15	PLAN AND CROSS SECTIONS
PLT-4 - PLT-14	PLANTING

DISTURBED AREA = +/- 19.5 ACRES

REVISIONS	
DATE	DESCRIPTION
1/8/08	JTL PRELIMINARY PLANS
3/27/09	EMP ISSUED FOR PERMITTING
6/17/09	EMP REISSUED FOR PERMITTING
6/22/09	EMP REISSUED FOR PERMITTING
4/06/10	EMP REISSUED FOR PERMITTING
6/25/10	MLM REISSUED FOR PERMITTING
10/29/10	EMP ISSUED FOR BD
3/04/11	MLM ISSUED FOR CONSTRUCTION
2/03/12	EMP RECORD DRAWINGS

SCALE AS SHOWN	
DATE:	2/13/12
DESIGNED:	MLM
DRAWN:	EMP
CHECKED:	EMP
APPROVED:	MBS
MULKEY PROJECT NUMBER	2007063.00

PLANS PREPARED BY:

MULKEY
ENGINEERS & CONSULTANTS

PO BOX 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM

MULKEY PROJECT MANAGER
THOMAS BARRETT, RF

MULKEY ENGINEER
EMMETT PERDUE, PE

MULKEY SENIOR SCIENTIST
THOMAS BARRETT, RF

PROJECT ENGINEER

EEP PROJECT MANAGER
PERRY SUGG

EEP REVIEW COORDINATOR
WYATT BROWN

PLANS PREPARED FOR

Ecosystem Enhancement
PROGRAM

TITLE SHEET

SHEET OF 25

NOTE: NOT TO SCALE
Not all symbols used in plans

LEGEND

REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REVISED FOR PERMITTING
4/06/10	EMP	REVISED FOR PERMITTING
6/25/10	MLM	REVISED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION

PROJECT ENGINEER

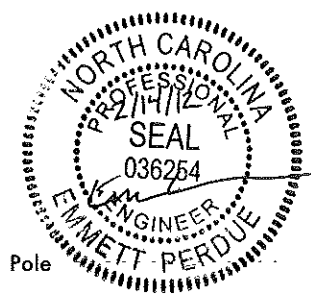
PROJECT REFERENCE NO.	SHEET NO.
UT TO HAW RIVER	1A

LEGEND



MULKEY
 ENGINEERS & CONSULTANTS

PO Box 33127
 RALEIGH, N.C. 27636
 (919) 851-1912
 (919) 851-1918 (FAX)
 WWW.MULKEYINC.COM



BOUNDARIES AND PROPERTY:

- State Line
- County Line
- Township Line
- City Line
- Reservation Line
- Property Line
- Existing Iron Pin
- Property Corner
- Property Monument
- Existing Fence
- Temporary Fence
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Tree Protection Fence
- Existing Wetland Boundary
- Proposed Oxbow Wetland Boundary
- Proposed Conservation Easement
- Construction Limits
- Limits Of Disturbance
- Hand Removal of Vegetation
- Proposed Gate
- Benchmark

BUILDINGS AND OTHER CULTURE:

- Sign
- Well
- Foundation
- Area Outline
- Building
- School
- Church

HYDROLOGY:

- Stream or Body of Water
- Hydro, Pool or Reservoir
- River Basin Buffer
- Flow Arrow
- Disappearing Stream
- Spring
- Thalweg
- Top Of Bank
- Swamp Marsh
- Proposed Lateral, Tail, Head Ditch
- Bedrock

RAILROADS:

- Standard Gauge
- RR Signal Milepost
- Switch
- RR Abandoned

ROADS AND RELATED FEATURES:

- Existing Edge of Pavement
- Existing Curb
- Existing Soil Road
- Existing Metal Guardrail
- Existing Cable Guiderail

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard

EXISTING STRUCTURES:

- MAJOR:**
- Bridge, Tunnel or Box Culvert
 - Bridge Wing Wall, Head Wall and End Wall
- MINOR:**
- Head and End Wall
 - Pipe Culvert
 - Footbridge
 - Drainage Box: Catch Basin, DI or JB
 - Paved Ditch Gutter
 - Storm Sewer Manhole
 - Storm Sewer

UTILITIES:

- POWER:**
- Existing Power Pole
 - Existing Joint Use Pole
 - Power Manhole
 - Power Line Tower
 - Power Transformer
 - UG Power Cable Hand Hole
 - H-Frame Pole
 - Recorded U/G Power Line
- GAS:**
- Gas Valve
 - Gas Meter
 - Recorded U/G Gas Line
 - Above Ground Gas Line

TELEPHONE:

- Existing Telephone Pole
- Telephone Manhole
- Telephone Booth
- Telephone Pedestal
- Telephone Cell Tower
- UG Telephone Cable Hand Hole
- Recorded U/G Telephone Cable
- Recorded U/G Telephone Conduit
- Recorded U/G Fiber Optics Cable

WATER:

- Water Manhole
- Water Meter
- Water Valve
- Water Hydrant
- Recorded U/G Water Line
- Above Ground Water Line

TV:

- TV Satellite Dish
- TV Pedestal
- TV Tower
- UG TV Cable Hand Hole
- Recorded U/G TV Cable
- Recorded U/G Fiber Optic Cable

MISCELLANEOUS:

- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box
- Utility Unknown U/G Line
- UG Tank; Water, Gas, Oil
- AG Tank; Water, Gas, Oil
- Abandoned According to Utility Records
- End of Information

SANITARY SEWER:

- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- UG Sanitary Sewer Line
- Above Ground Sanitary Sewer
- Recorded SS Forced Main Line

PROPOSED STREAM WORK:

STREAM STRUCTURES:

- Rock Crossvane
- Rock Vane
- J Hook Rock Vane
- Double Log Drop
- Flood Plain Interceptor/Rock Step Pool
- W- Rock Cross Vane
- Constructed Riffle
- Root Wad
- Structure Number

STREAM FEATURES:

- Bankfull
- Vernal Pool
- Proposed Thalweg
- Culvert Pipe

EROSION CONTROL FEATURES:

- Permanent At Grade Stream Crossing
- Temporary Construction Entrance/Exit
- Silt Fence
- Straw Wattle
- Staging / Stockpile Area
- Impervious Dike
- Permanent Improved Gravel Road
- Temporary Gravel Road
- Temporary Rock Check Dam
- Impervious Stream Channel Plug
- Fill Existing Stream Channel
- Natural Rock Energy Dissipator Basin Pad

PLANTING ZONES:

- Stream Banks
- Upland
- Wetland Seep
- Riparian Buffer
- Invasive Vegetation to be Removed

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/22/09	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
10/22/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
02/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

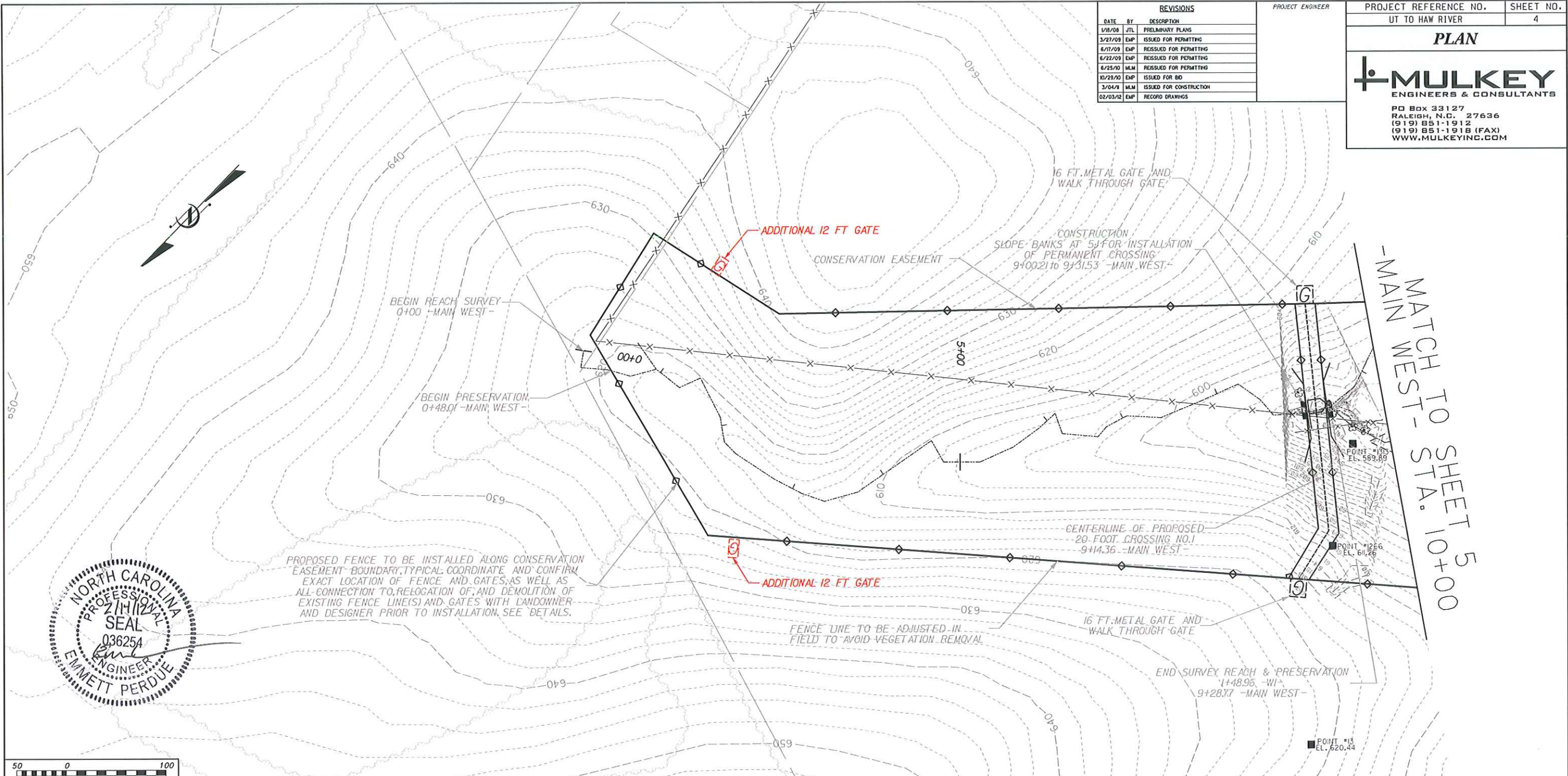
PROJECT REFERENCE NO. UT TO HAW RIVER SHEET NO. 4

PLAN



MULKEY
ENGINEERS & CONSULTANTS

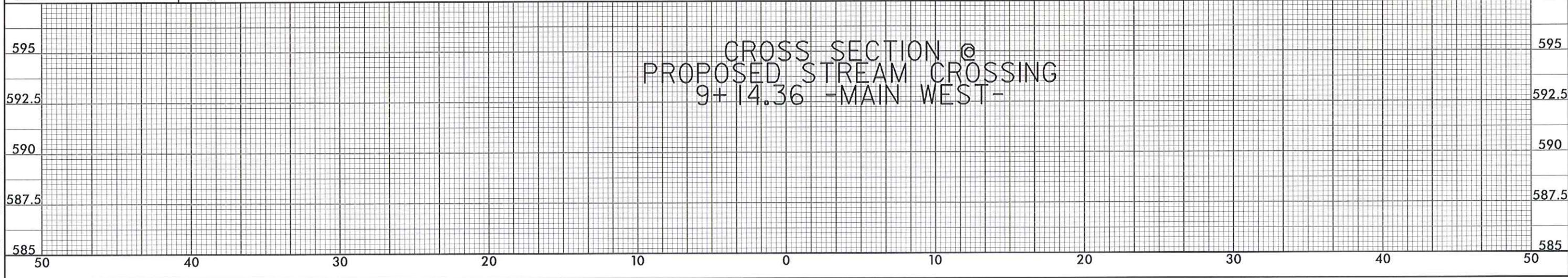
PO BOX 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1915 (FAX)
WWW.MULKEYINC.COM



PROPOSED FENCE TO BE INSTALLED ALONG CONSERVATION EASEMENT BOUNDARY. TYPICAL COORDINATE AND CONFIRM EXACT LOCATION OF FENCE AND GATES, AS WELL AS ALL CONNECTION TO, RELOCATION OF, AND DEMOLITION OF EXISTING FENCE LINE(S) AND GATES WITH LANDOWNER AND DESIGNER PRIOR TO INSTALLATION. SEE DETAILS.



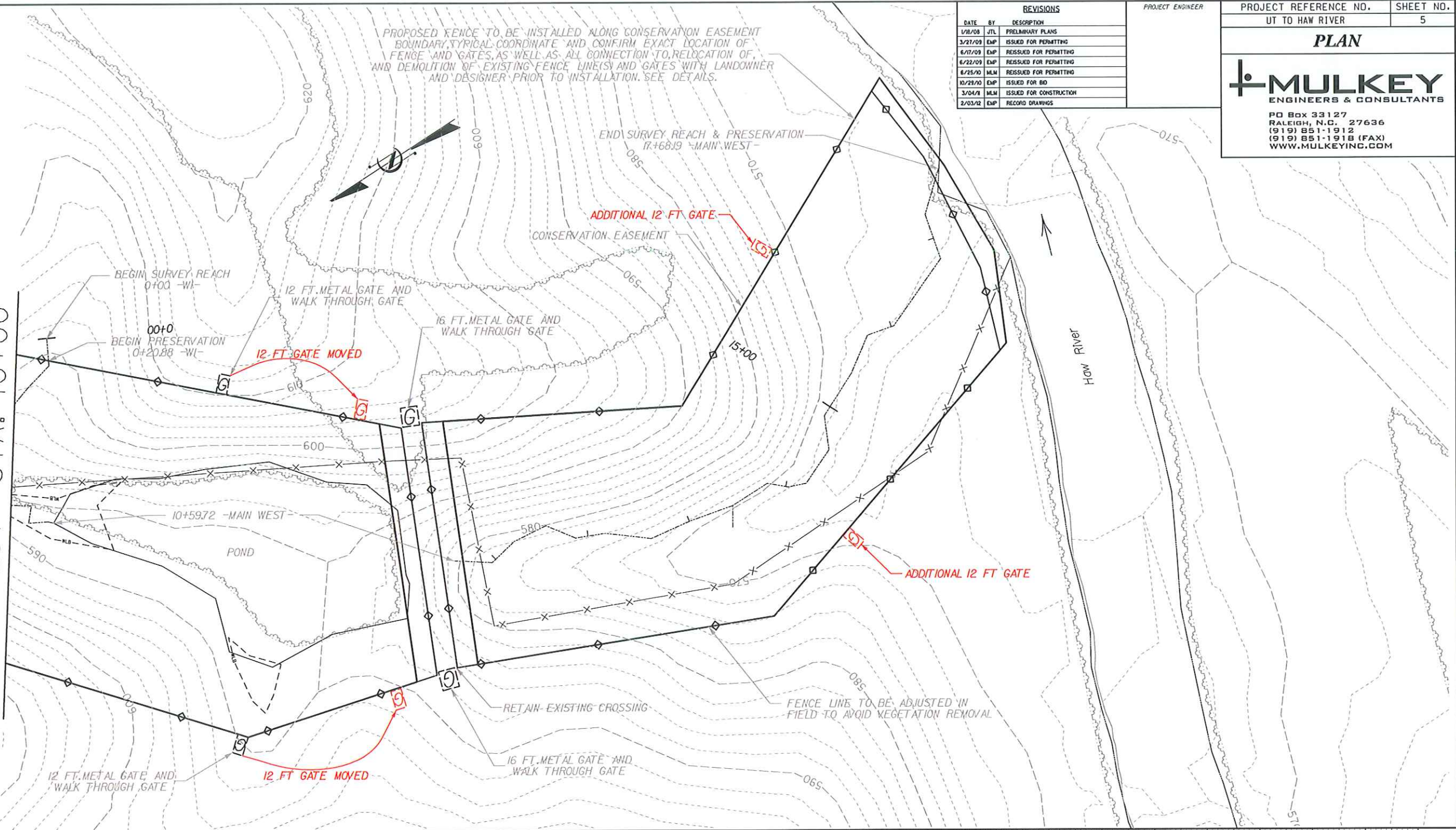
- MAIN MATCH WEST -
MATCH WEST - STA. 10+00



REVISIONS		
DATE	BY	DESCRIPTION
1/28/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/22/09	EMP	REISSUED FOR PERMITTING
6/25/09	MLM	REISSUED FOR PERMITTING
10/29/09	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

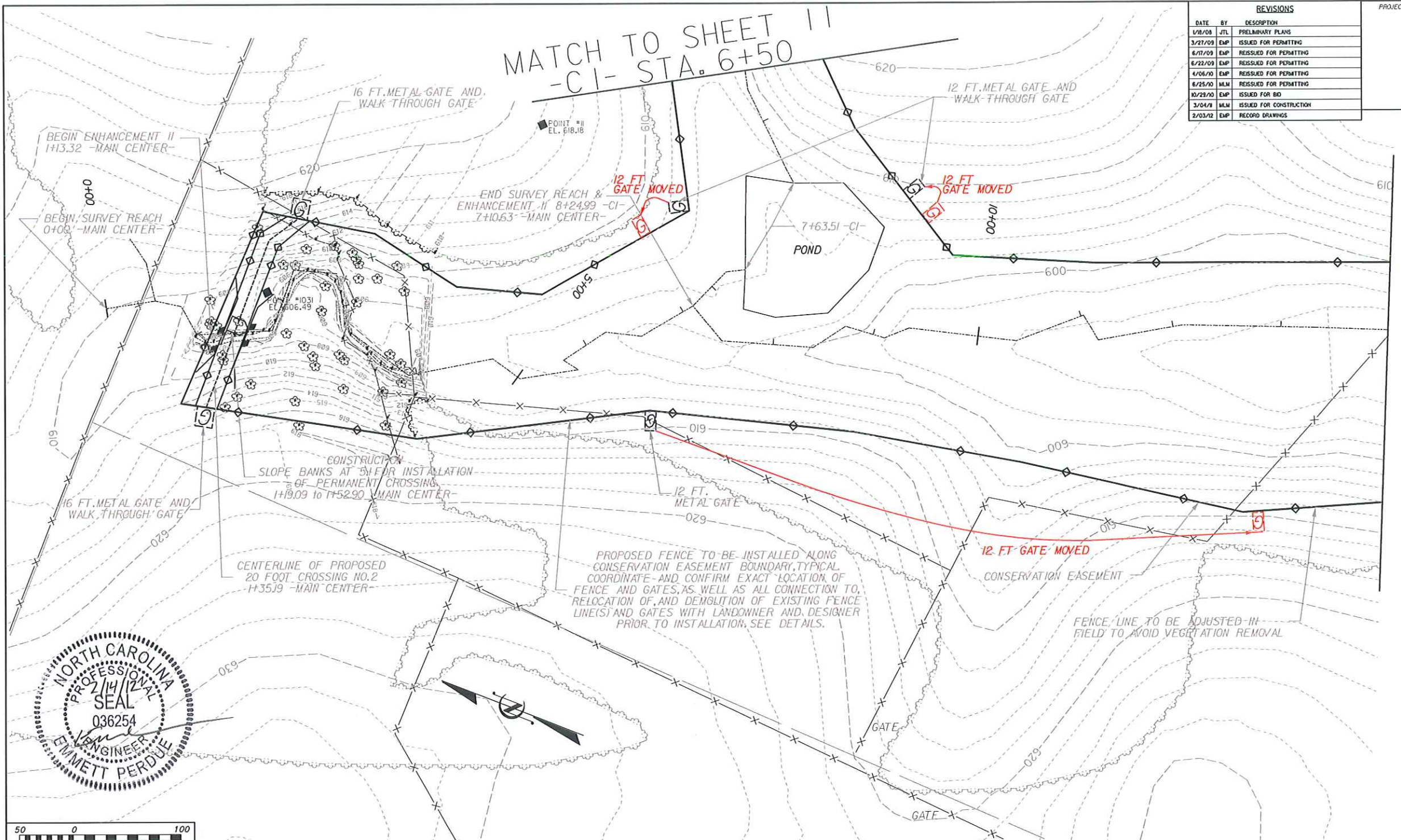
PROPOSED FENCE TO BE INSTALLED ALONG CONSERVATION EASEMENT BOUNDARY, TYPICAL COORDINATE AND CONFIRM EXACT LOCATION OF FENCE AND GATES, AS WELL AS ALL CONNECTION TO, RELOCATION OF, AND DEMOLITION OF EXISTING FENCE LINES AND GATES WITH LANDOWNER AND DESIGNER PRIOR TO INSTALLATION. SEE DETAILS.

MATCH TO SHEET 4
MAIN WEST - STA. 10+00



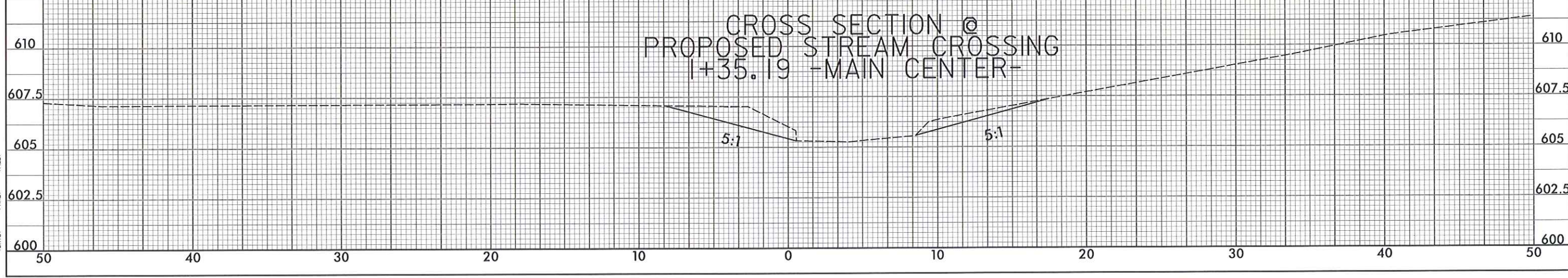
DATES # TIMES # FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
6/22/09	EMP	ISSUED FOR PERMITTING
4/06/10	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS



MATCH TO SHEET 7
 -MAIN CENTER- STA. 14+00

MATCH TO SHEET 11
 -CI- STA. 6+50



REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	RESUBMITTED FOR PERMITTING
6/22/09	EMP	RESUBMITTED FOR PERMITTING
6/25/10	MLM	RESUBMITTED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

PROJECT REFERENCE NO. UT TO HAW RIVER SHEET NO. 7

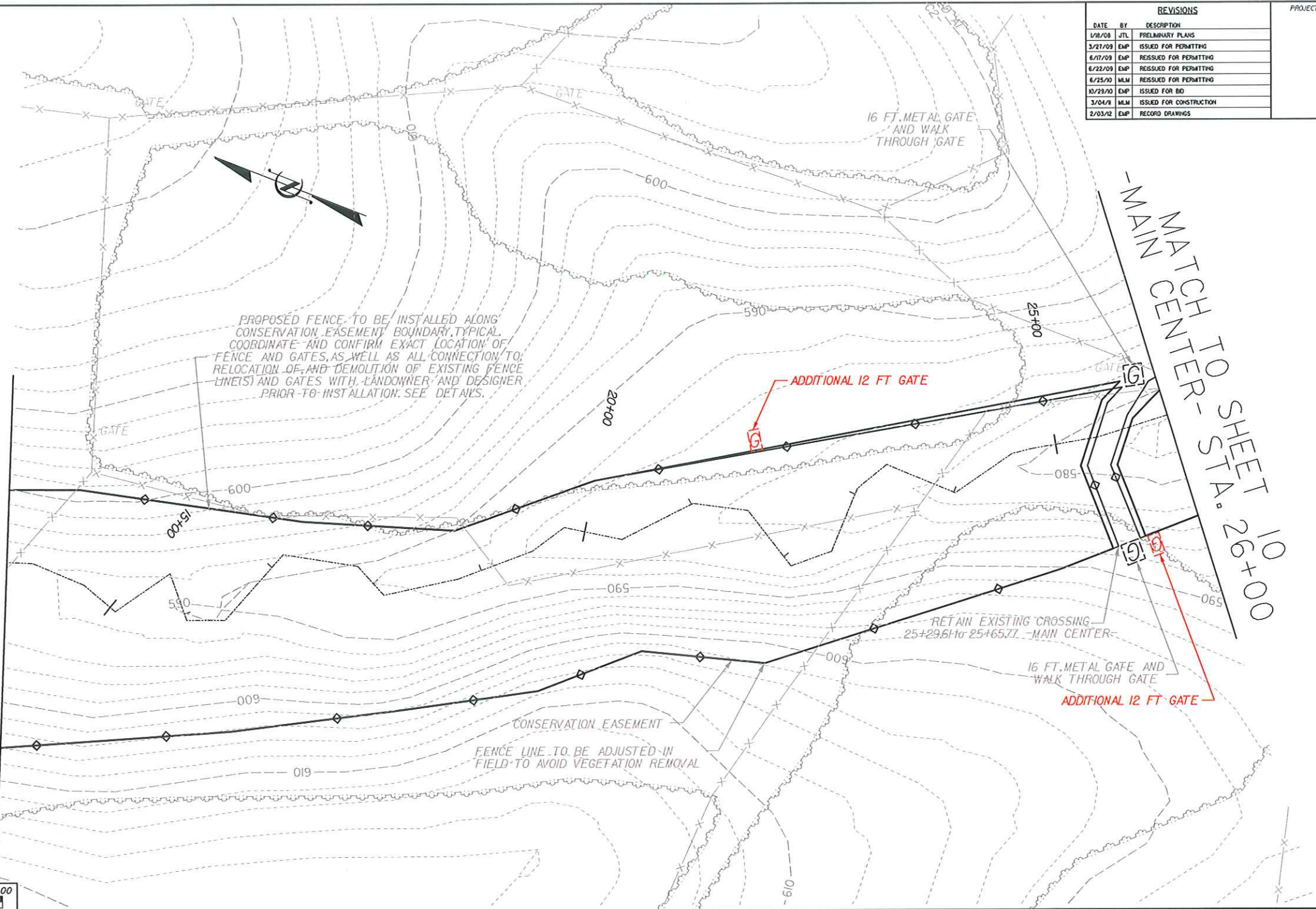
PLAN



PO BOX 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM

MATCH TO SHEET 6
-MAIN CENTER- STA. 14+00


MATCH CENTER- TO SHEET 10
-MAIN CENTER- STA. 26+00

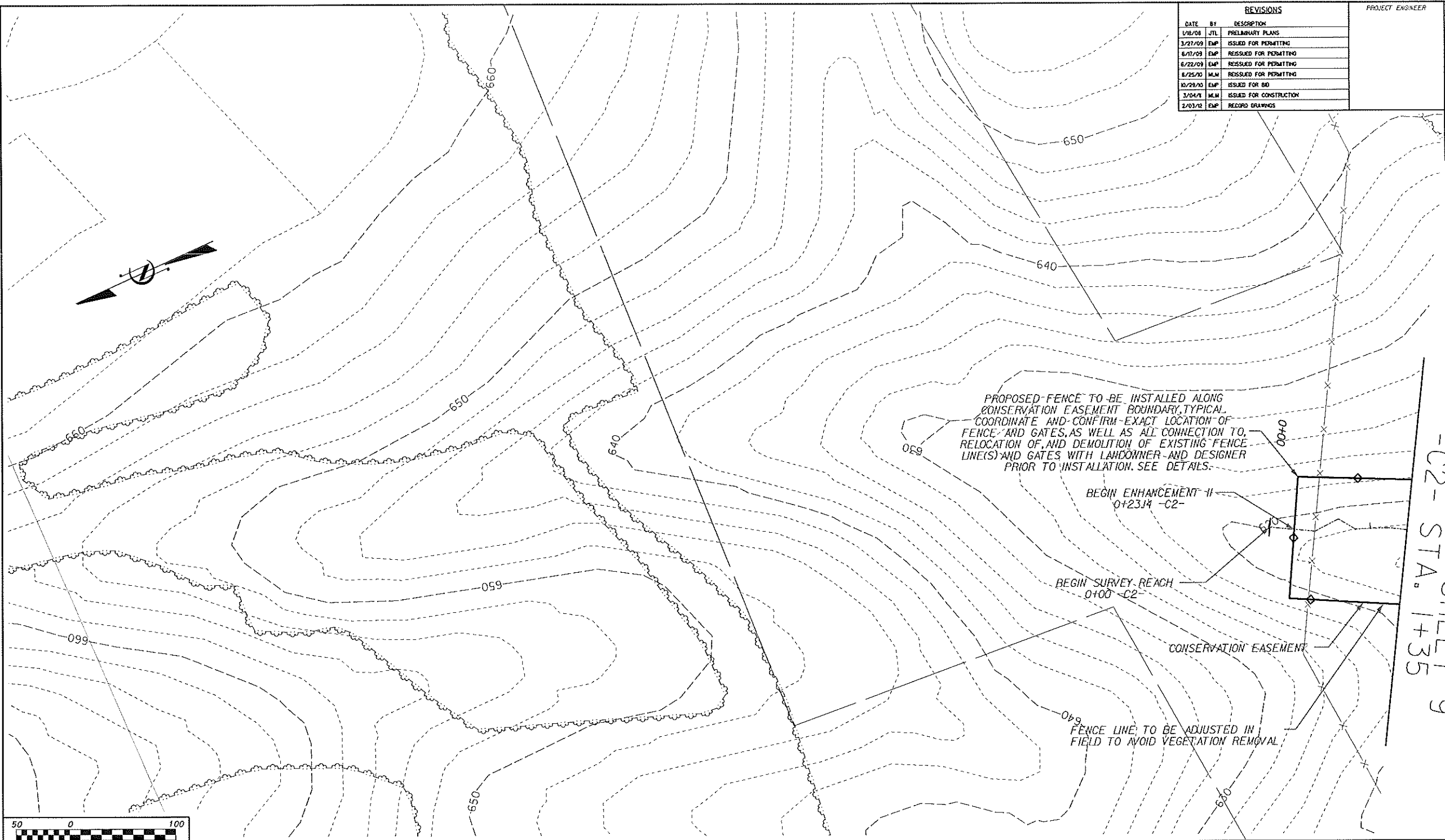


DATE: 2/14/12
TIME: 10:00 AM
FILE: 10-UT-HAW-PLAN-7

REVISIONS		
DATE	BY	DESCRIPTION
1/28/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	RESUBMITTED FOR PERMITTING
6/22/09	EMP	RESUBMITTED FOR PERMITTING
6/25/10	MLM	RESUBMITTED FOR PERMITTING
10/29/10	EMP	ISSUED FOR 80
3/04/11	MLM	ISSUED FOR CONSTRUCTION
3/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

PROJECT REFERENCE NO. UT TO HAW RIVER	SHEET NO. 8
PLAN	
	
PO BOX 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM	



PROPOSED FENCE TO BE INSTALLED ALONG CONSERVATION EASEMENT BOUNDARY, TYPICAL COORDINATE AND CONFIRM EXACT LOCATION OF FENCE AND GATES, AS WELL AS ALL CONNECTION TO, RELOCATION OF, AND DEMOLITION OF EXISTING FENCE LINE(S) AND GATES WITH LANDOWNER AND DESIGNER PRIOR TO INSTALLATION. SEE DETAILS.

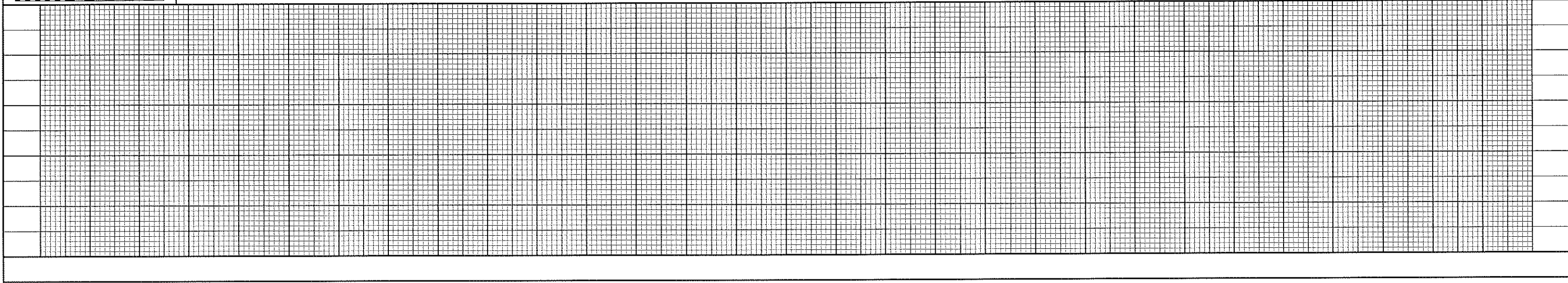
BEGIN ENHANCEMENT II
0+23.14 -C2-

BEGIN SURVEY REACH
0+100 -C2-

CONSERVATION EASEMENT

FENCE LINE TO BE ADJUSTED IN FIELD TO AVOID VEGETATION REMOVAL.

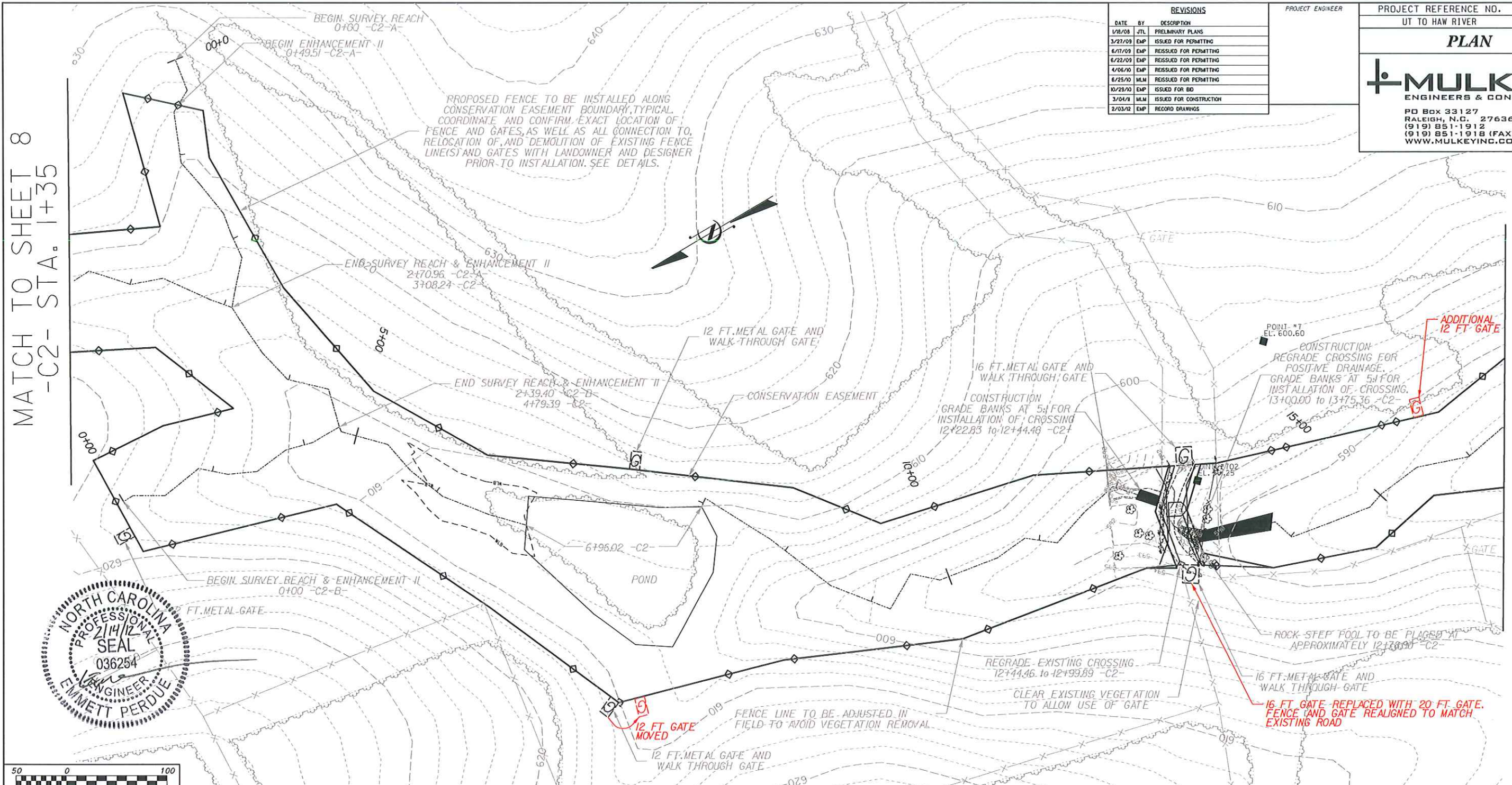
MATCH TO SHEET 9
-C2- STA. 1+35



NOTES

PROJECT REFERENCE NO.		SHEET NO.
UT TO HAW RIVER		9
PLAN		
		
PO Box 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM		

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
6/22/09	EMP	ISSUED FOR PERMITTING
4/06/10	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	MLM	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS



MATCH TO SHEET 8
-C2- STA. 1+35

MATCH TO SHEET 10
-C2- STA. 16+45



SEE PLANSHEET 15 FOR BOTH CROSS SECTIONS -C2-

DATE: 4/11/12
FILES: 0

REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/21/09	EMP	ISSUED FOR PERMITTING
6/11/09	EMP	ISSUED FOR PERMITTING
6/22/09	EMP	ISSUED FOR PERMITTING
1/06/10	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

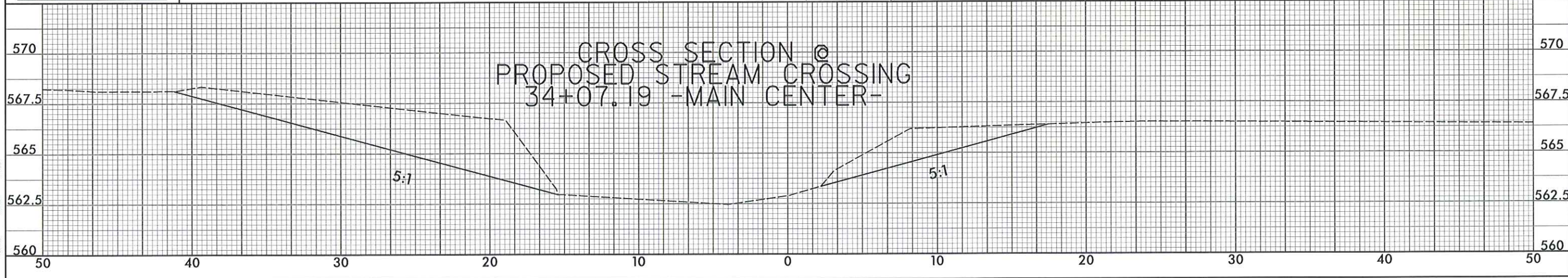
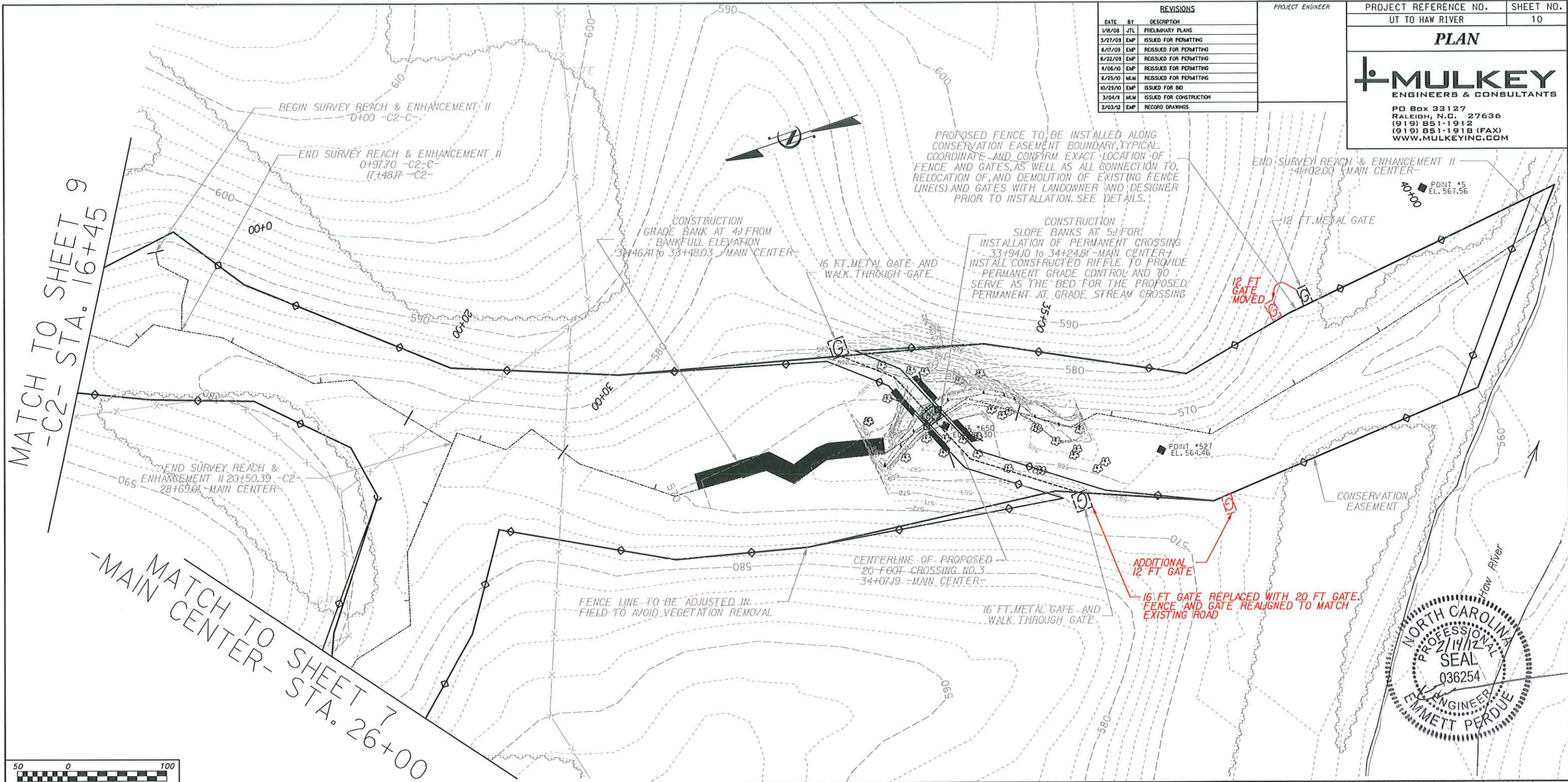
PROJECT REFERENCE NO.	SHEET NO.
UT TO HAW RIVER	10

PLAN




MULKEY
ENGINEERS & CONSULTANTS

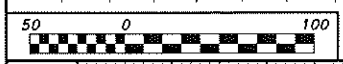
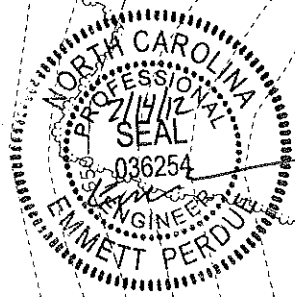
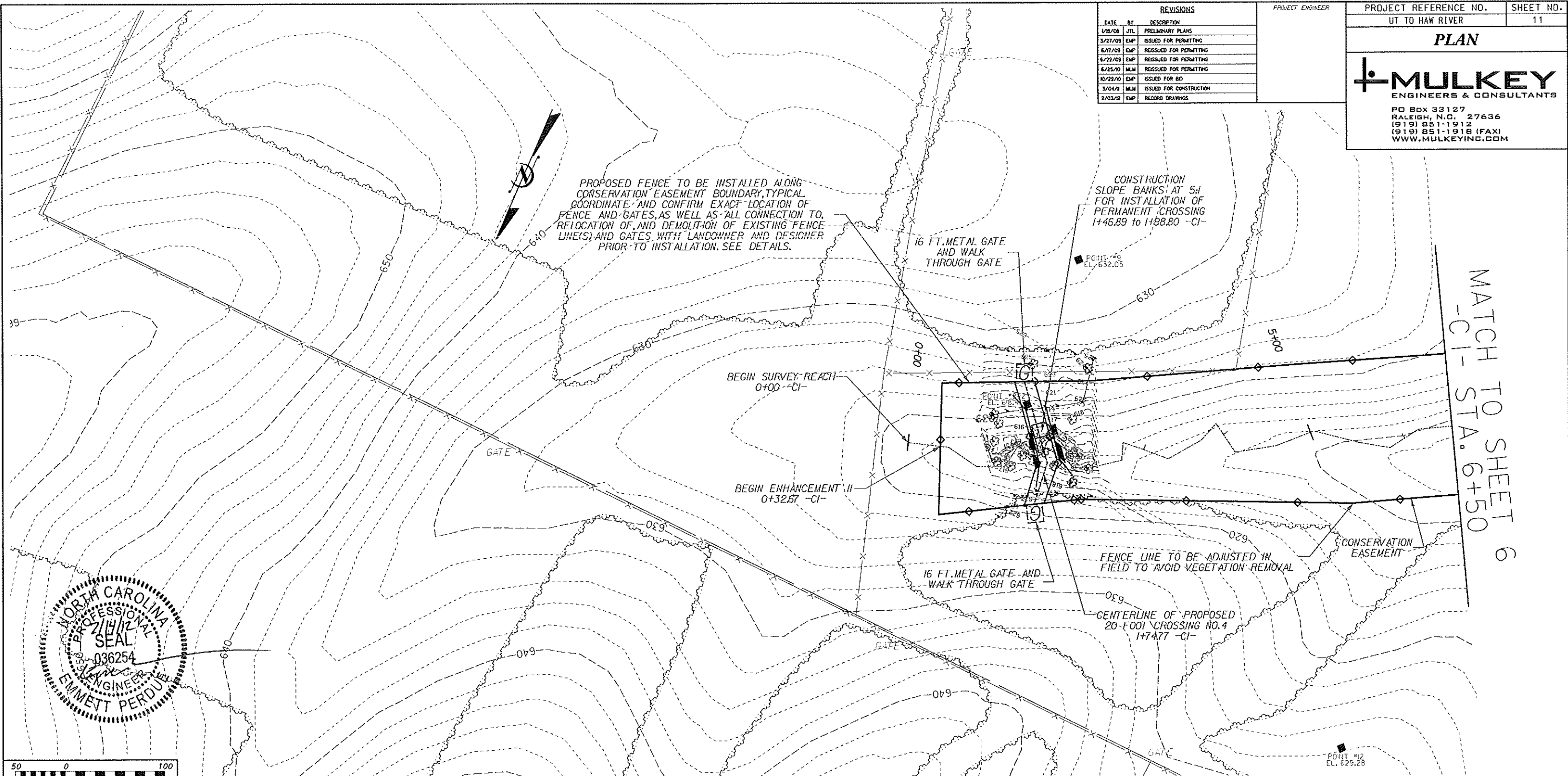
PO Box 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM



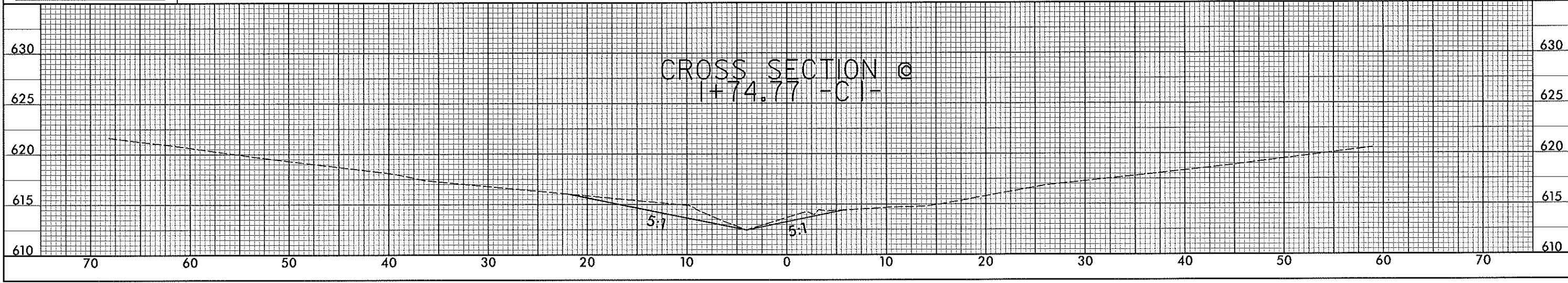
REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/08	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/22/09	EMP	REISSUED FOR PERMITTING
6/25/10	MCM	REISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MCM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

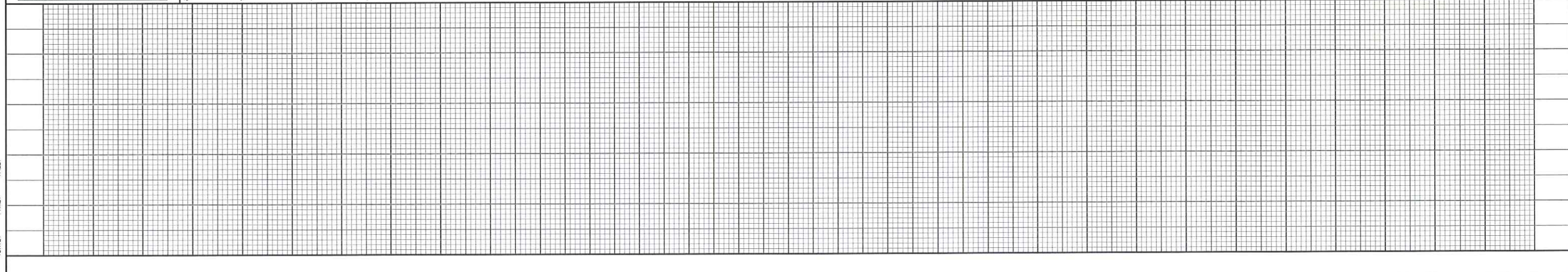
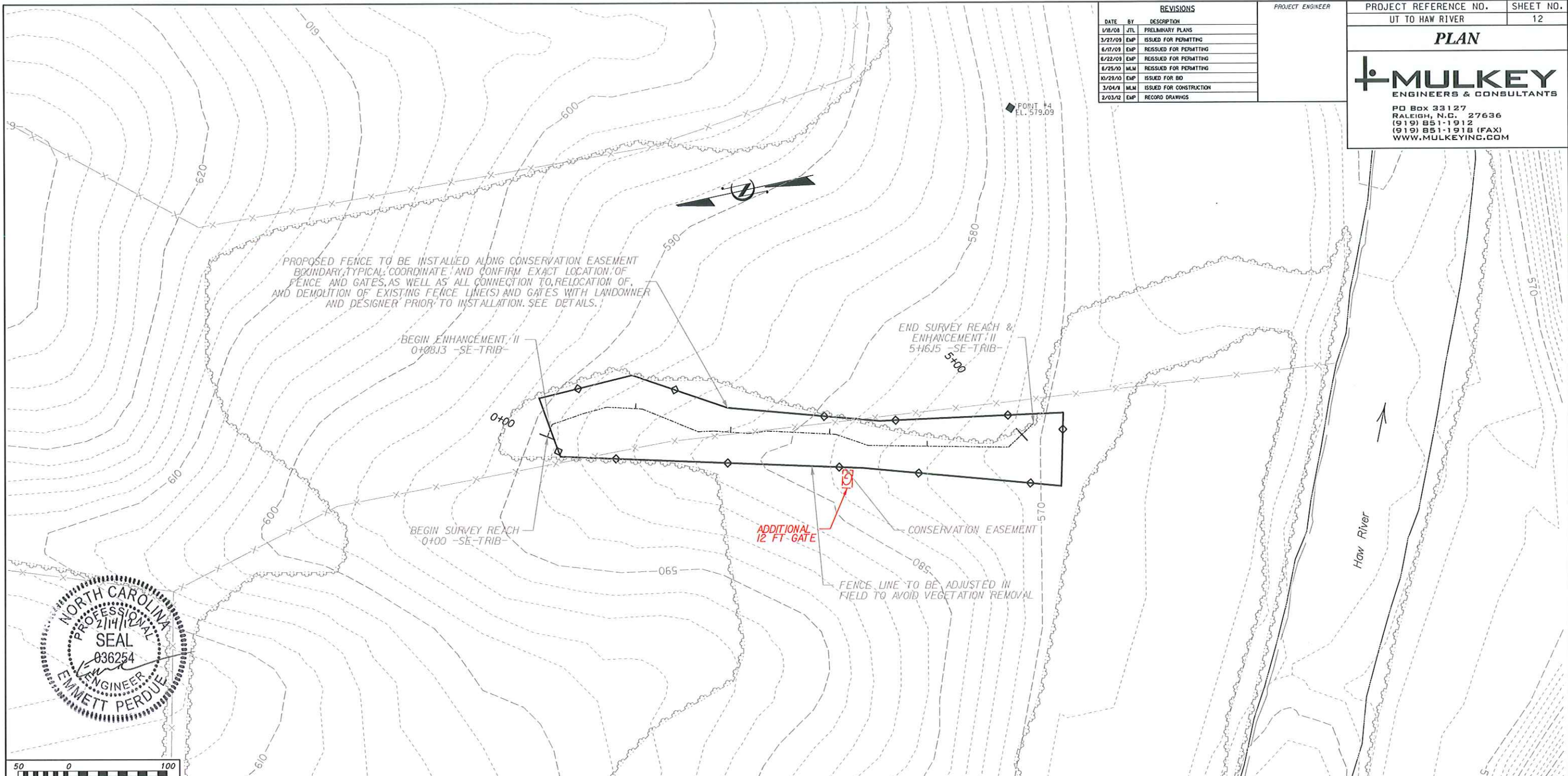
PROJECT REFERENCE NO.	SHEET NO.
UT TO HAW RIVER	11
PLAN	
	
PO BOX 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM	



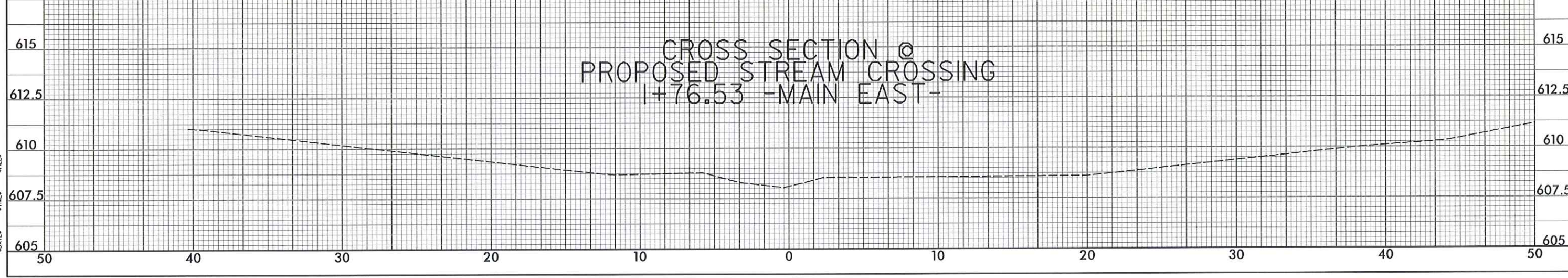
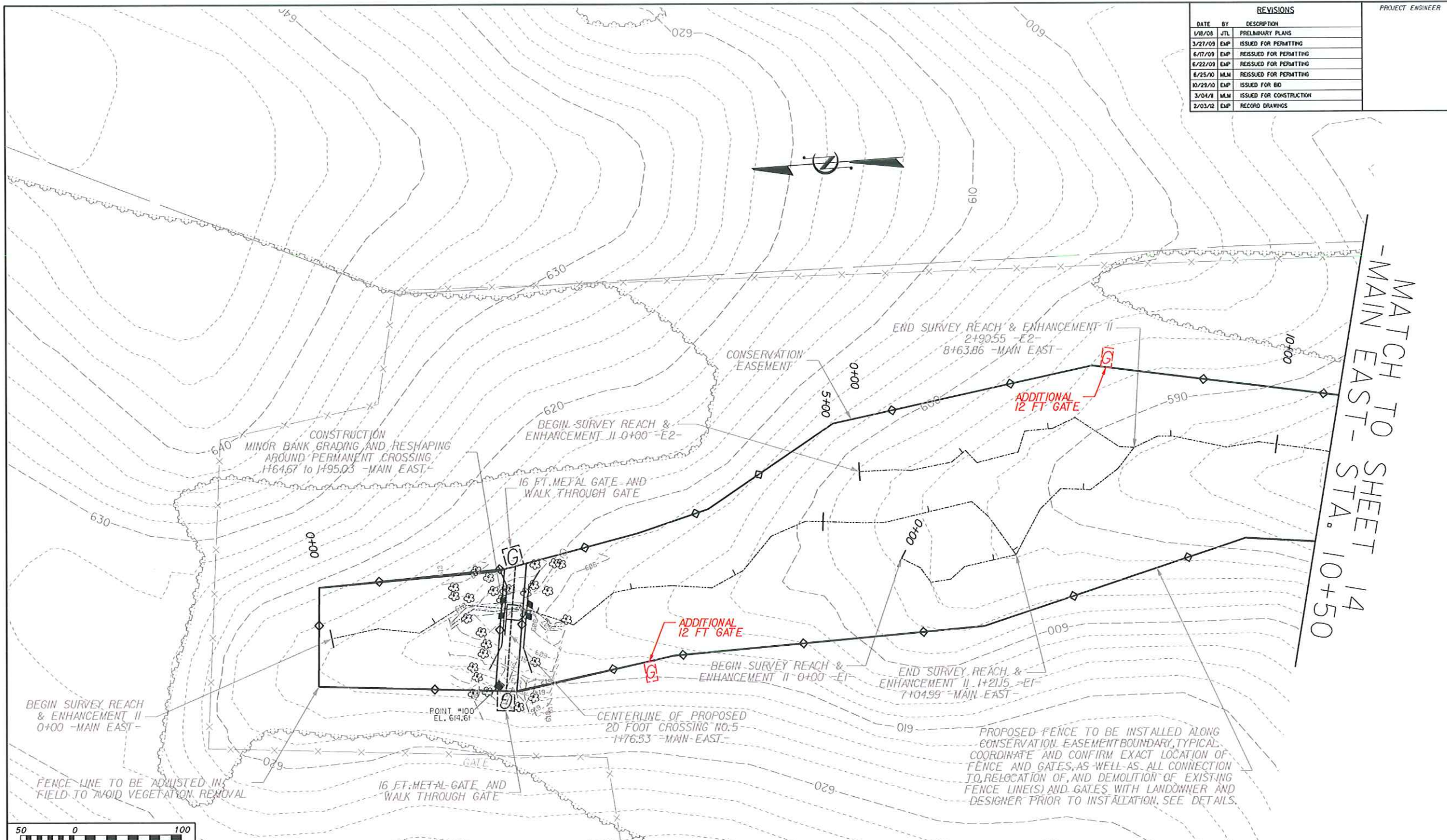
MATCH TO SHEET 6
-CI- STA. 6+50



REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/22/09	EMP	REISSUED FOR PERMITTING
6/25/09	MLM	REISSUED FOR PERMITTING
10/29/09	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

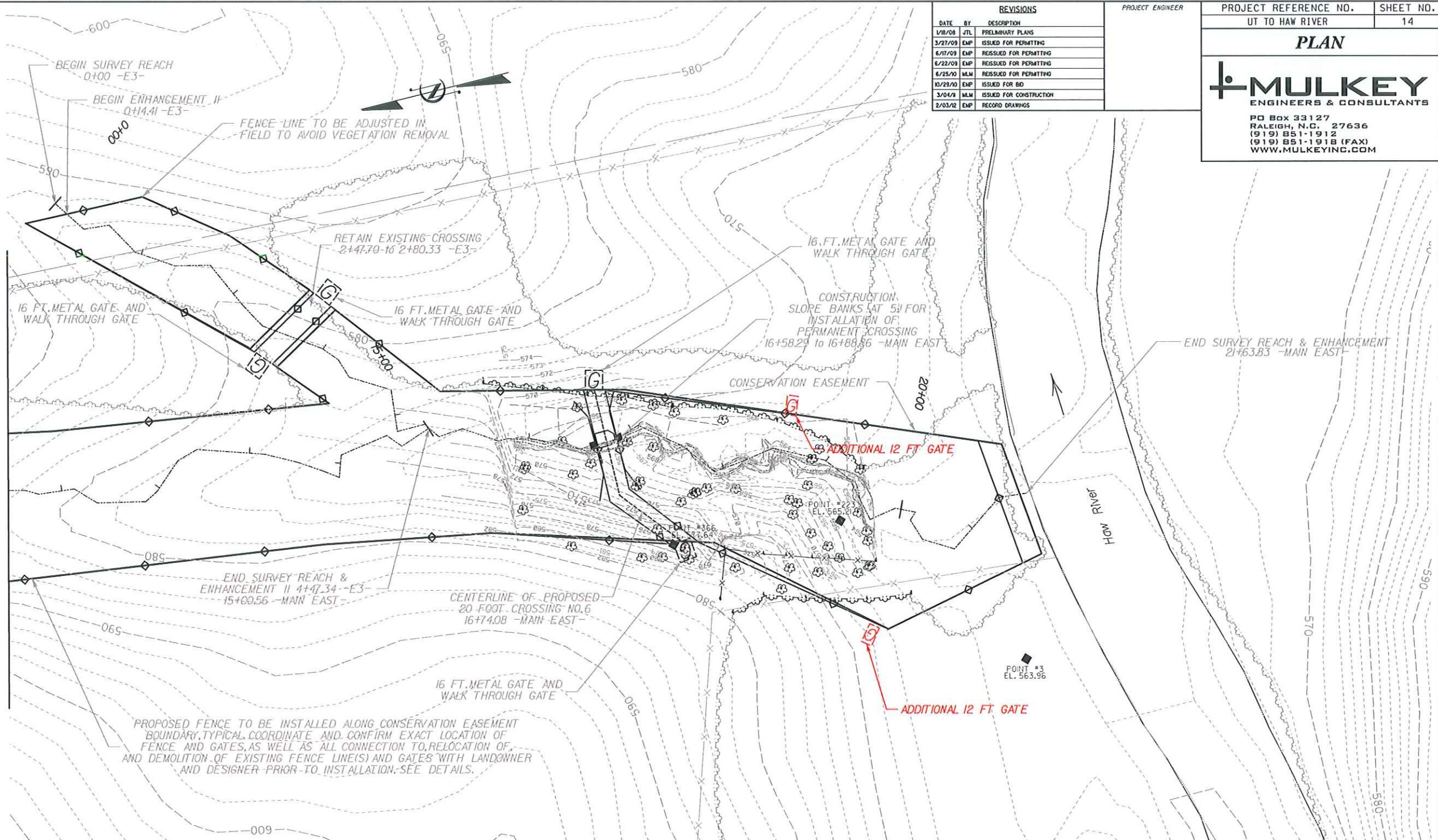


REVISIONS	
DATE	DESCRIPTION
1/18/08	JTL PRELIMINARY PLANS
3/27/09	EMP ISSUED FOR PERMITTING
6/17/09	EMP ISSUED FOR PERMITTING
6/22/09	EMP ISSUED FOR PERMITTING
6/25/09	EMP ISSUED FOR PERMITTING
10/29/09	EMP ISSUED FOR BO
3/04/11	EMP ISSUED FOR CONSTRUCTION
2/03/12	EMP RECORD DRAWINGS

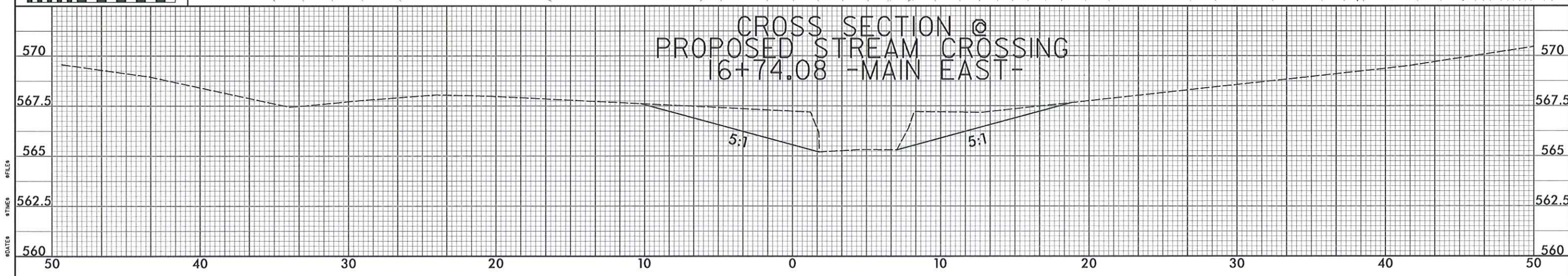


REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/22/09	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
10/28/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

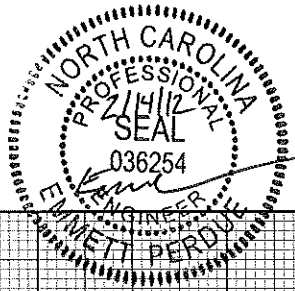
MATCH TO SHEET 13
 -MAIN EAST- STA. 10+50



**CROSS SECTION @
 PROPOSED STREAM CROSSING
 16+74.08 -MAIN EAST-**



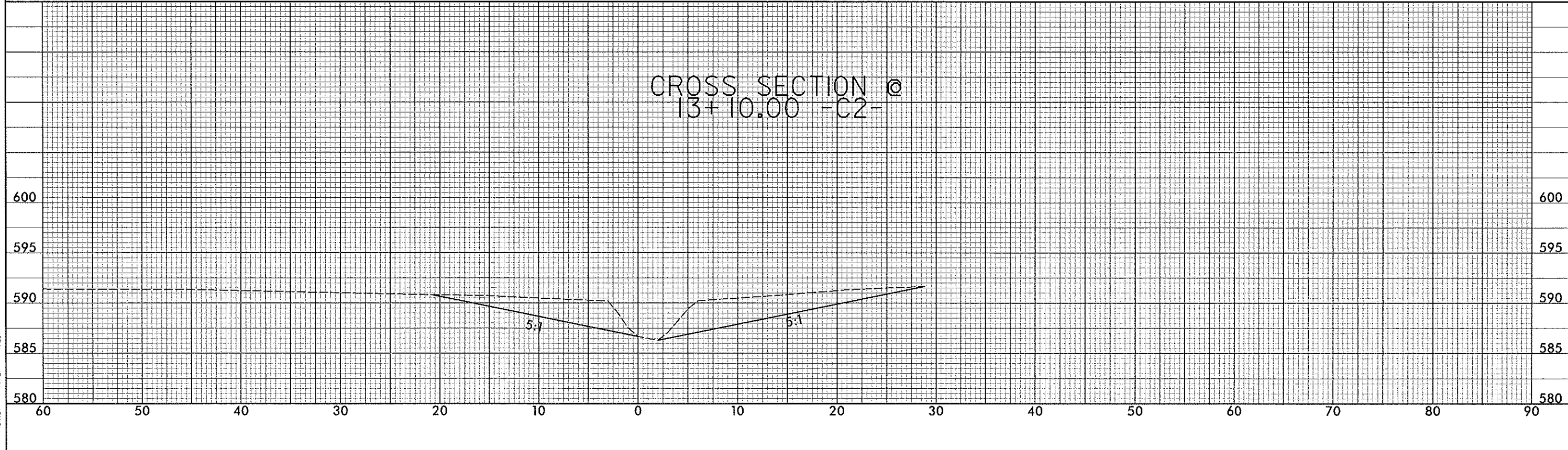
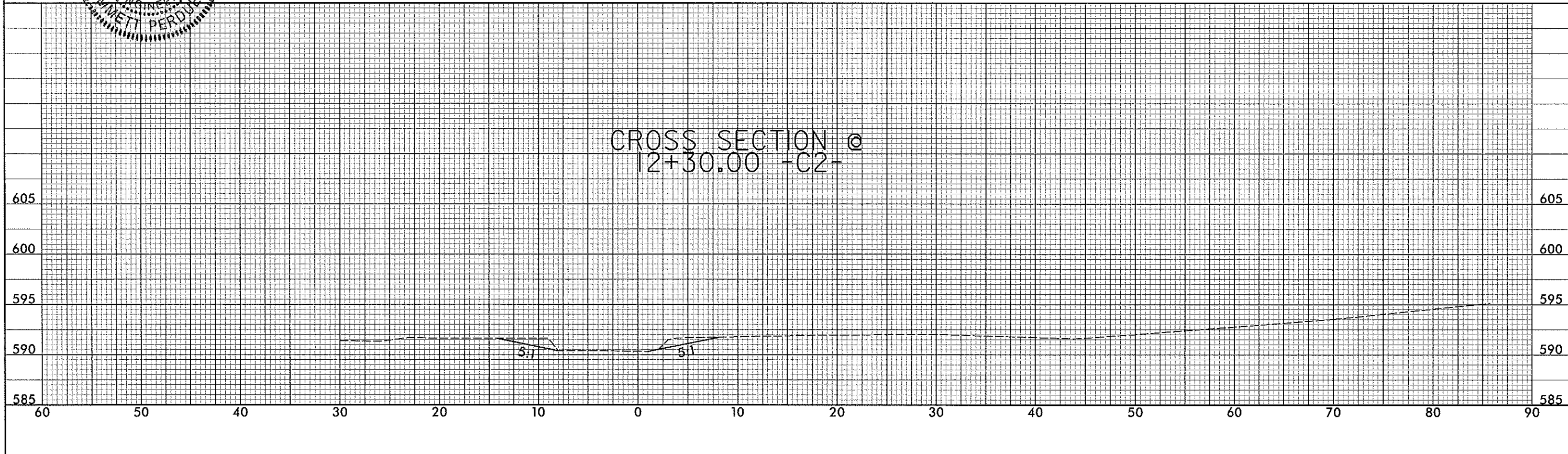
CROSS SECTIONS



REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	RESUBMITTED FOR PERMITTING
6/25/10	MJM	RESUBMITTED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MJM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

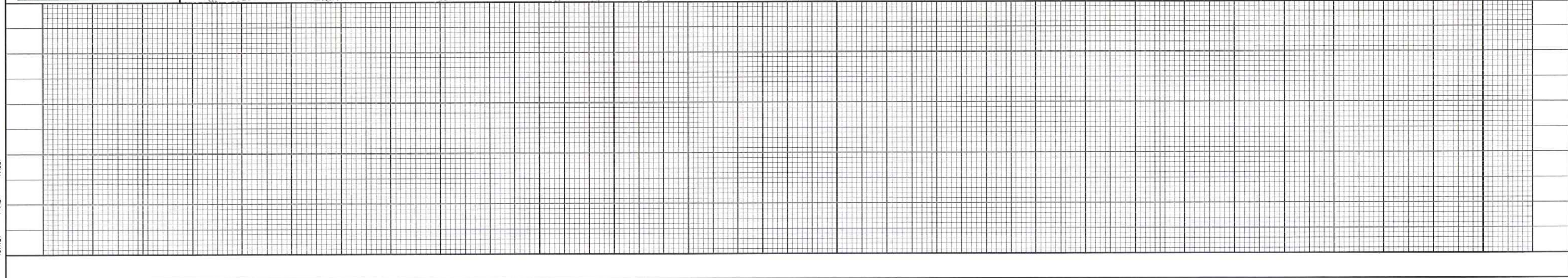
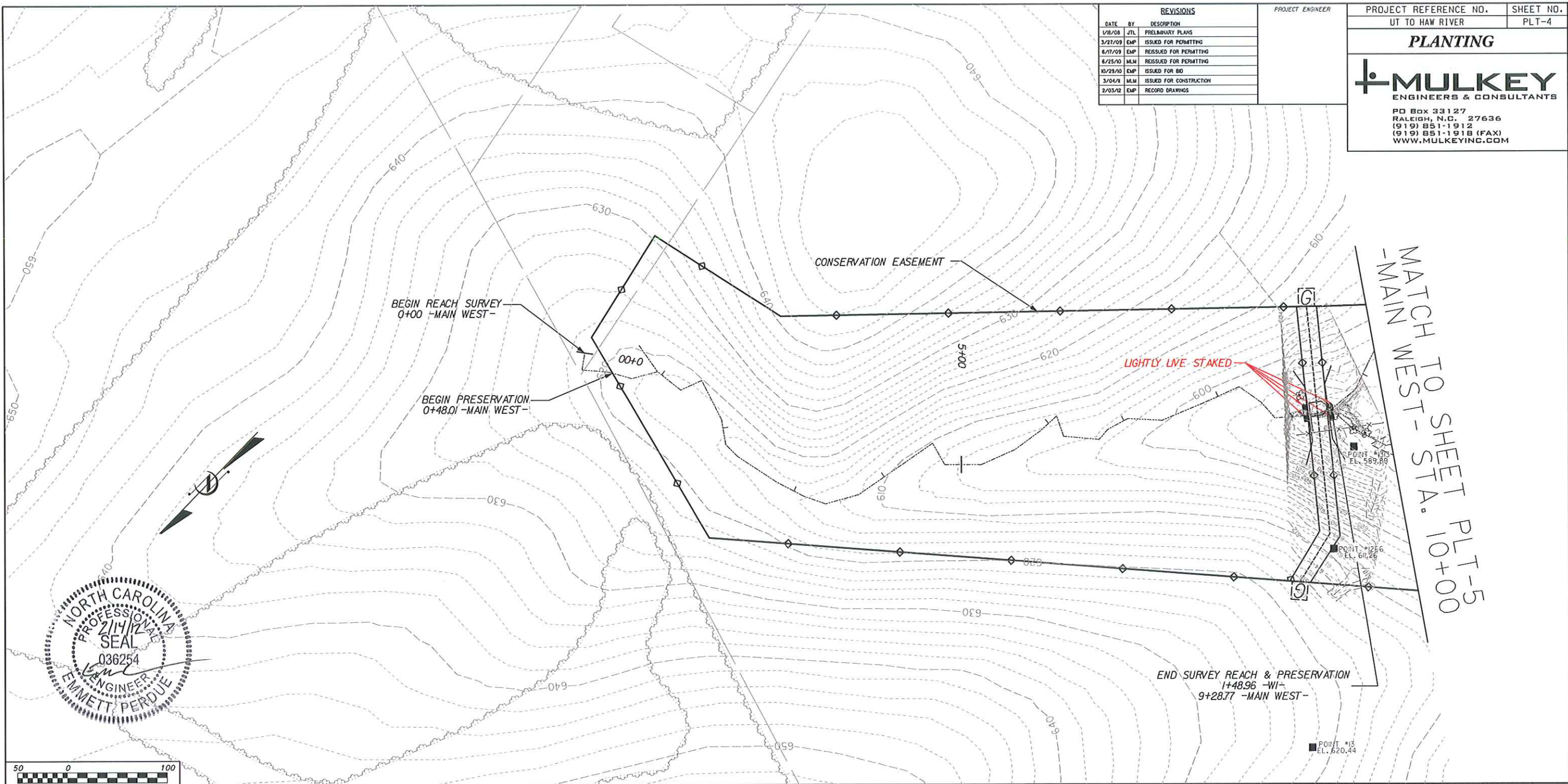
PROJECT ENGINEER

PROJECT REFERENCE NO.	SHEET NO.
UT TO HAW RIVER	15
CROSS SECTIONS	
MULKEY ENGINEERS & CONSULTANTS	



#DATE #TIME #FILE

REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

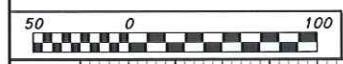
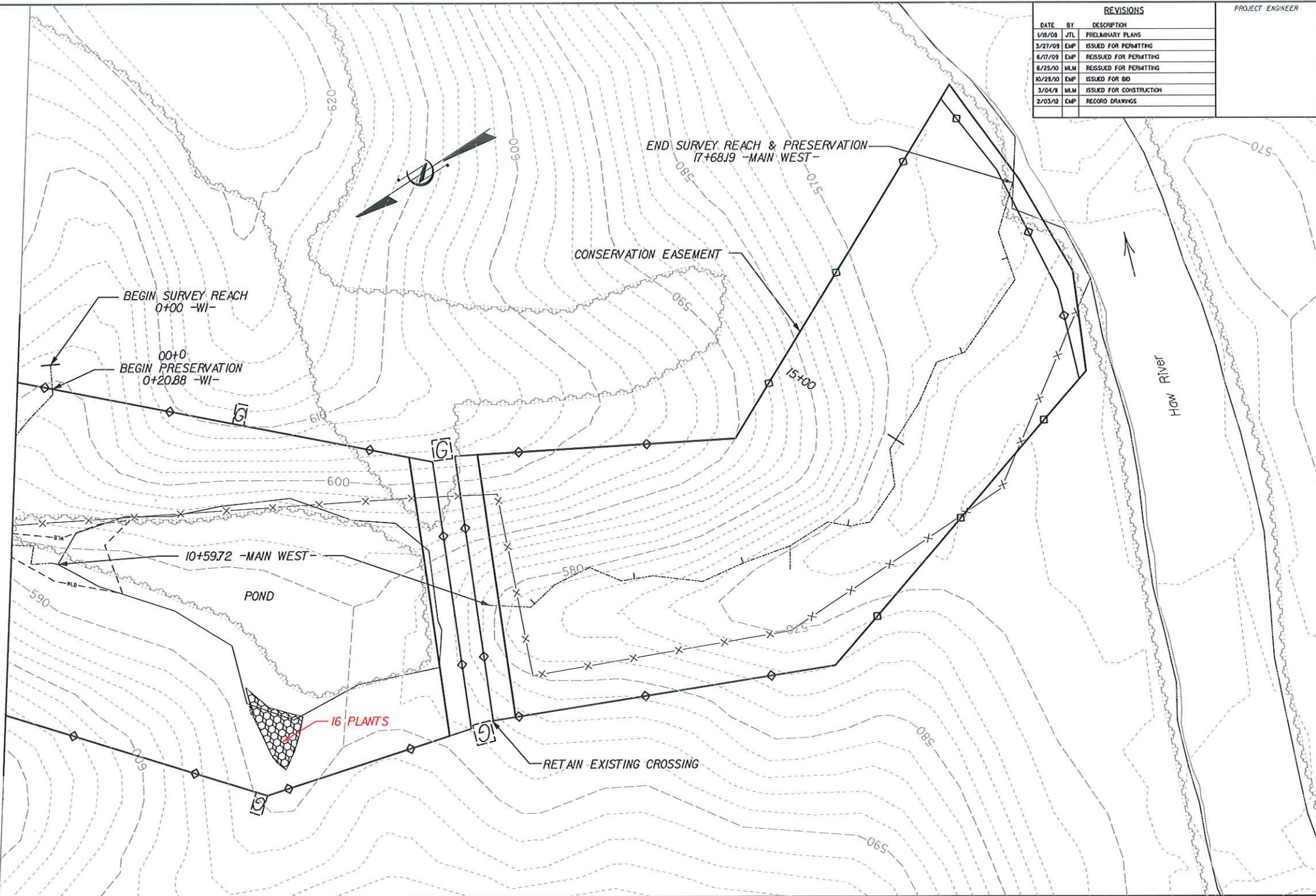


#FILES
 #TIMES
 #DATES

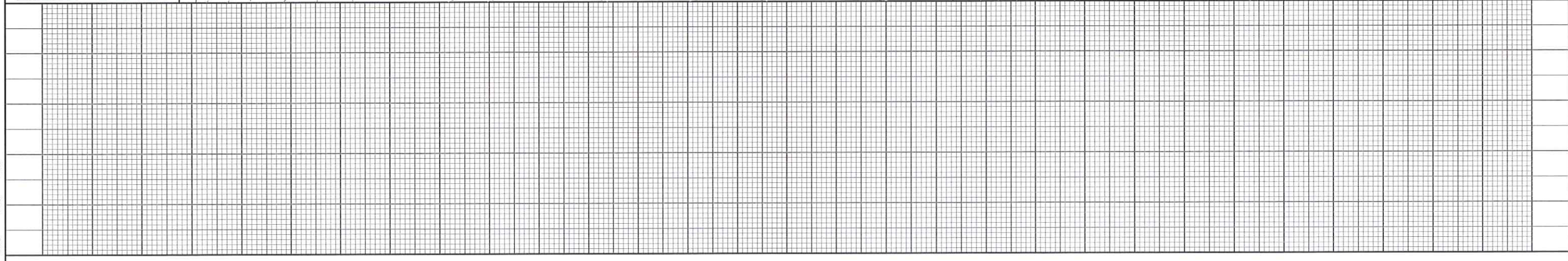
PROJECT REFERENCE NO.		SHEET NO.
UT TO HAW RIVER		PLT-5
PLANTING		
		
PO Box 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM		

REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

MATCH TO SHEET PLT-4
 -MAIN WEST- STA. 10+00



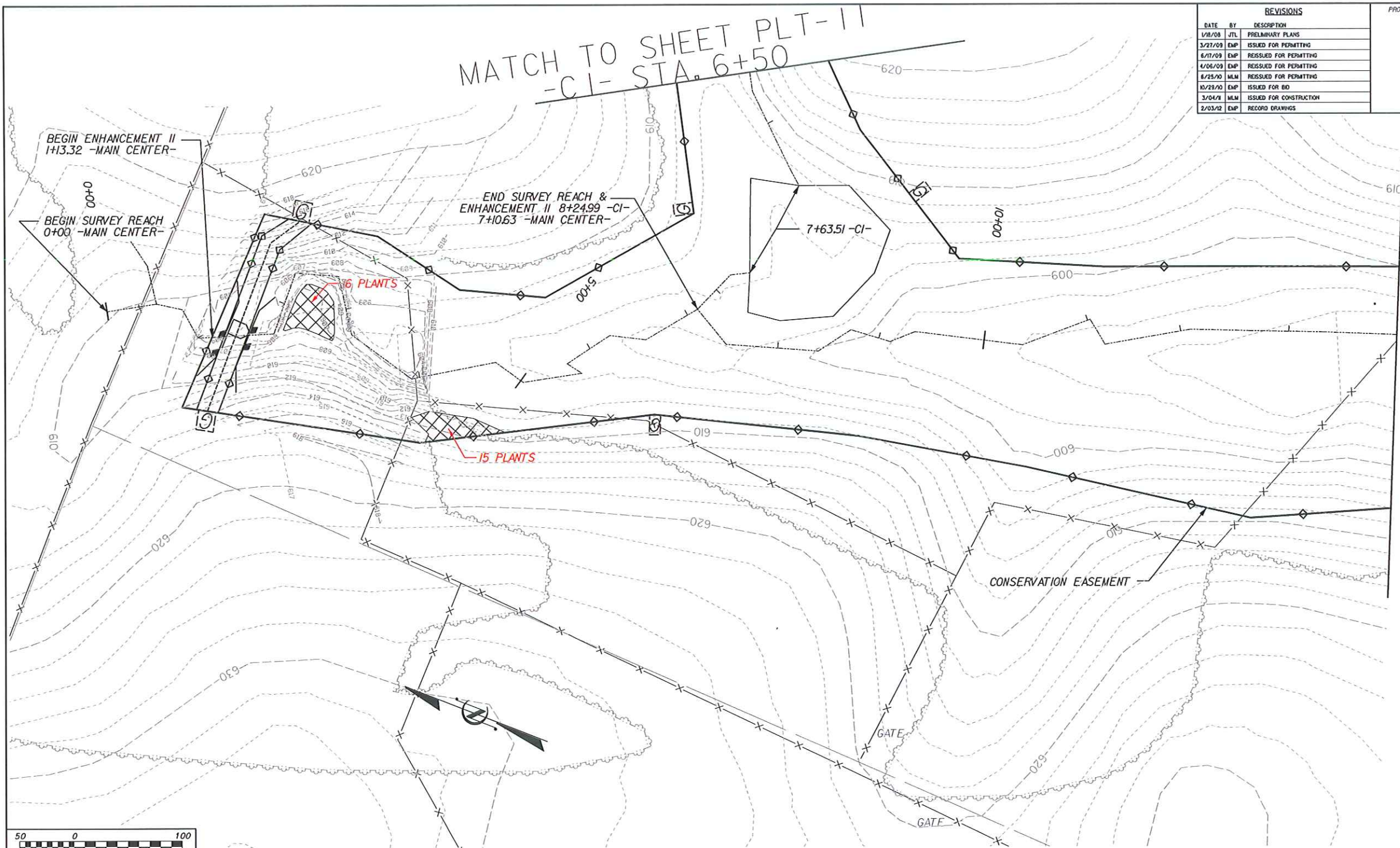
DATES # TIMES # FILES



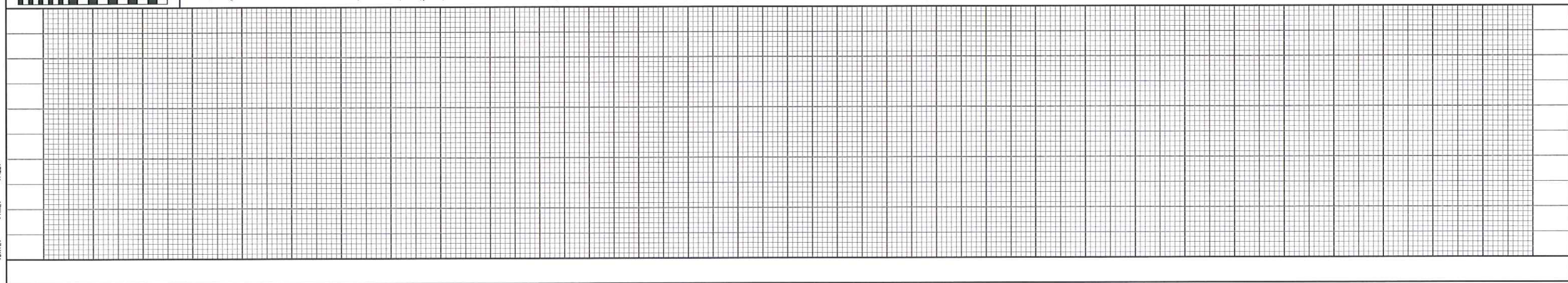
PROJECT REFERENCE NO.	SHEET NO.
UT TO HAW RIVER	PLT-6
PLANTING	
MULKEY ENGINEERS & CONSULTANTS	
PO Box 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM	

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
4/06/09	EMP	REISSUED FOR PERMITTING
6/25/00	MLM	REISSUED FOR PERMITTING
10/29/00	EMP	ISSUED FOR BID
3/04/01	MLM	ISSUED FOR CONSTRUCTION
2/03/02	EMP	RECORD DRAWINGS

PROJECT ENGINEER



MATCH TO SHEET PLT-7
 -MAIN CENTER- STA. 14+00



DATES \$TIMES \$FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
6/22/09	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

PROJECT REFERENCE NO. UT TO HAW RIVER	SHEET NO. PLT-7
--	--------------------

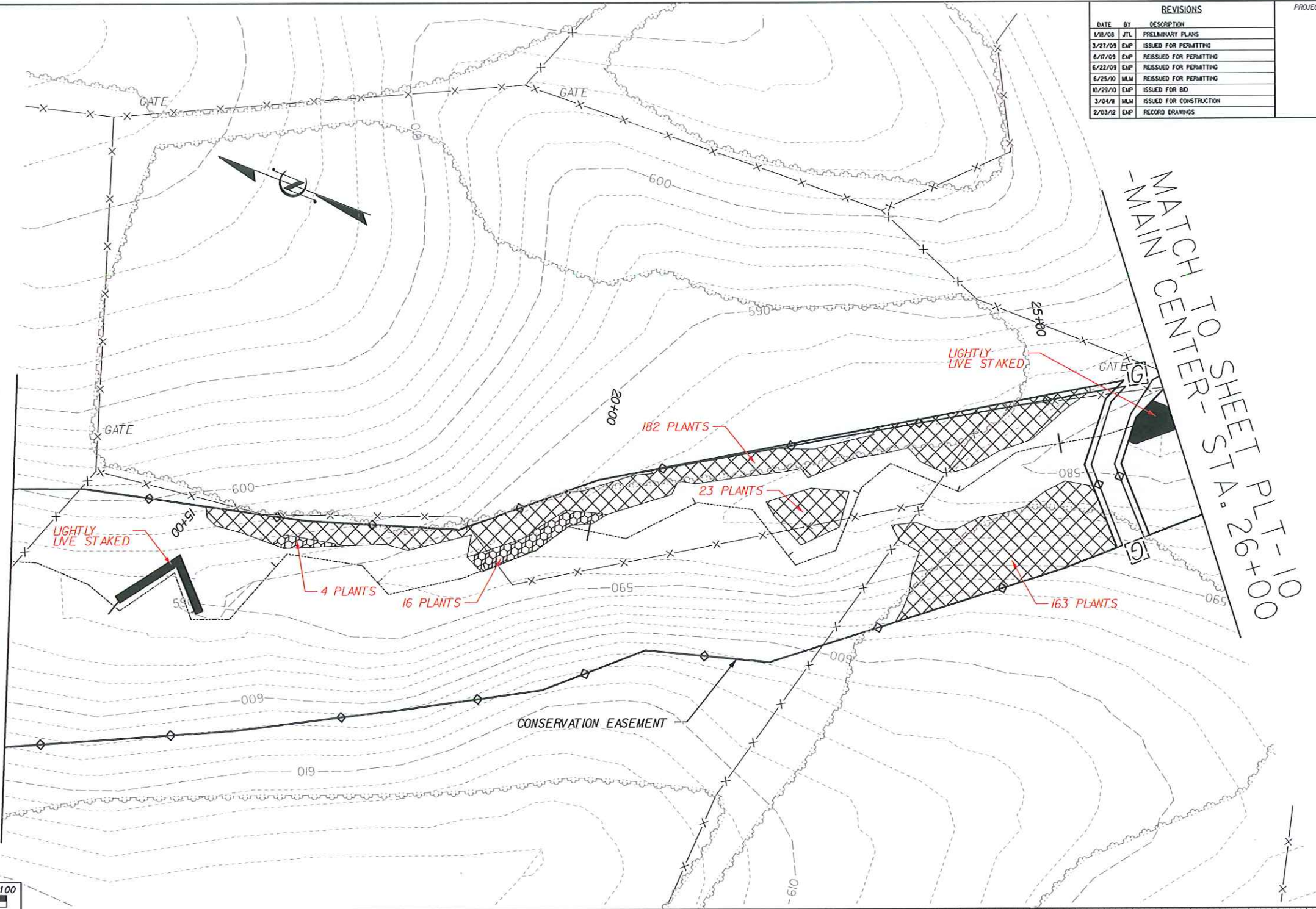
PLANTING



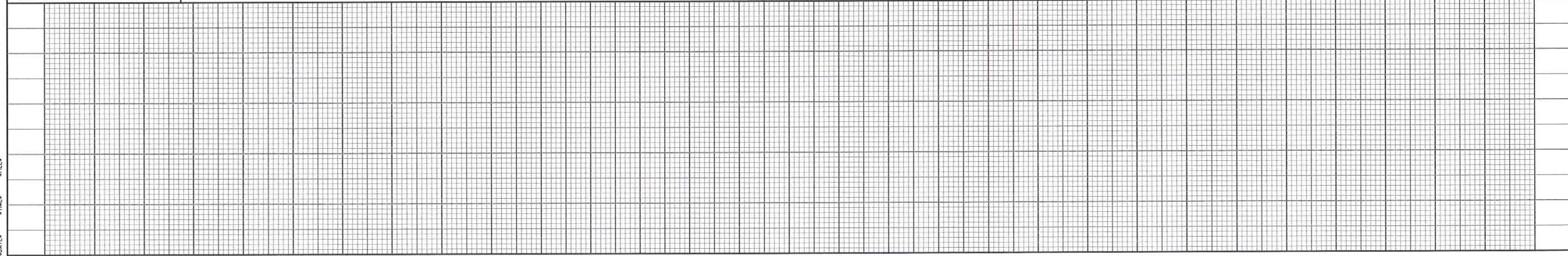
PO Box 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM

MATCH TO SHEET PLT-6
-MAIN CENTER- STA. 14+00

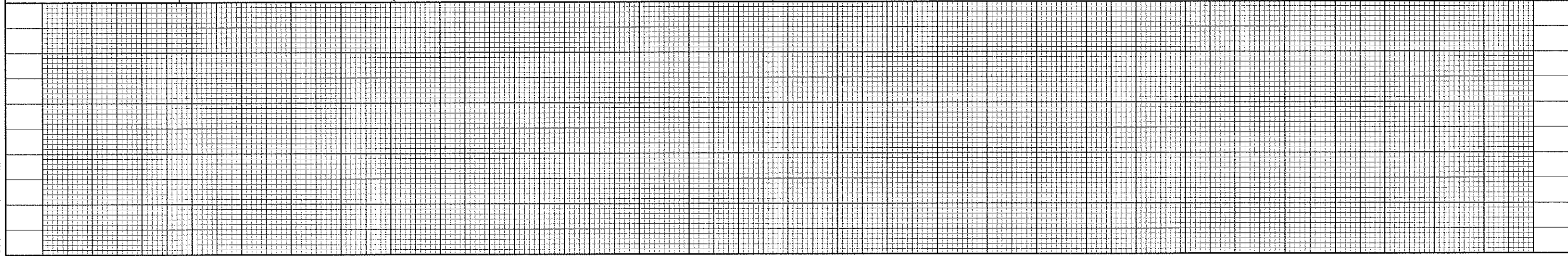
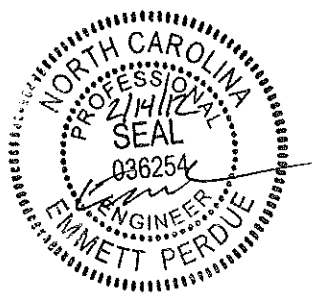
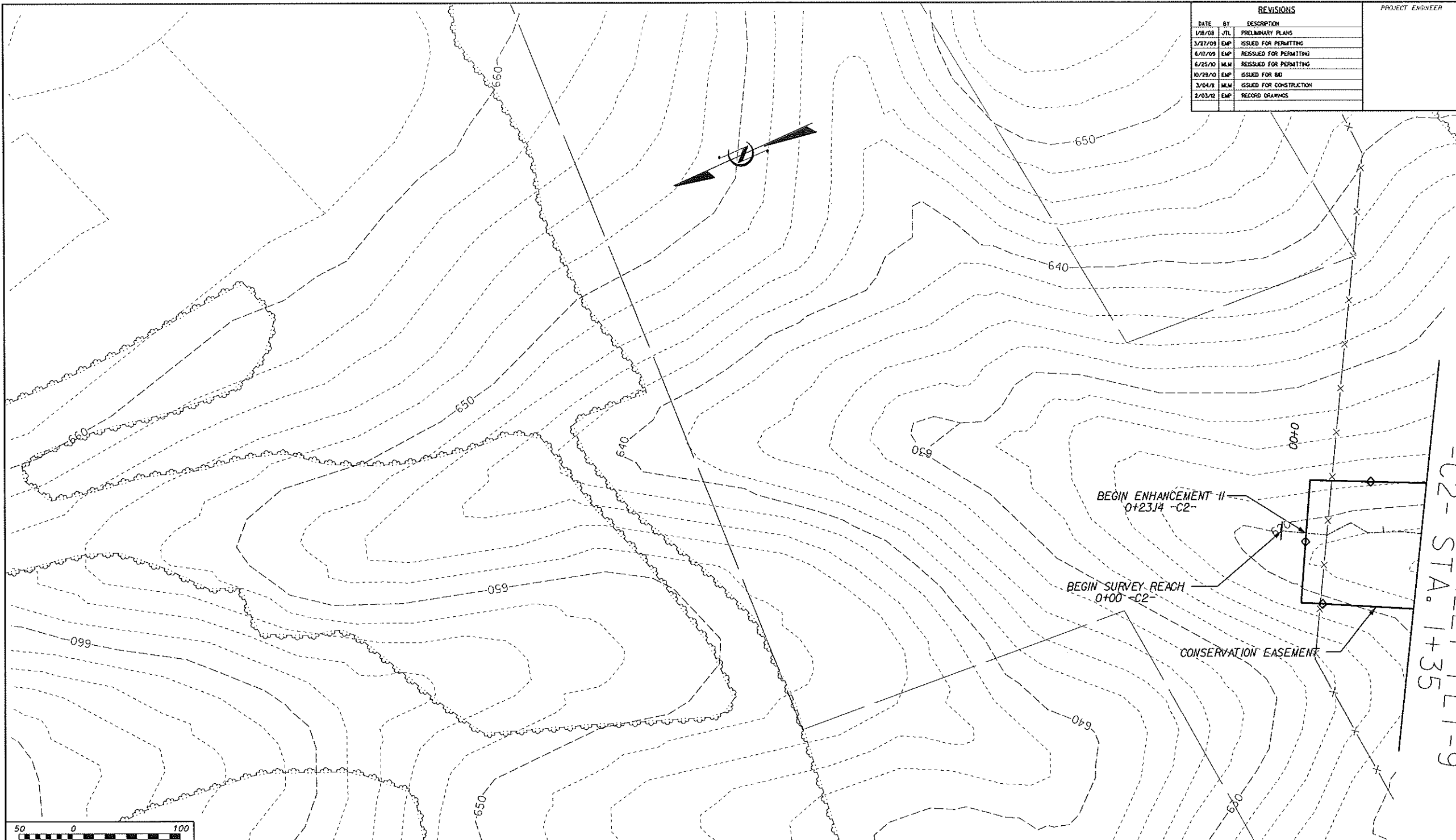
MATCH TO SHEET PLT-10
-MAIN CENTER- STA. 26+00



DATE: TIME: FILE:



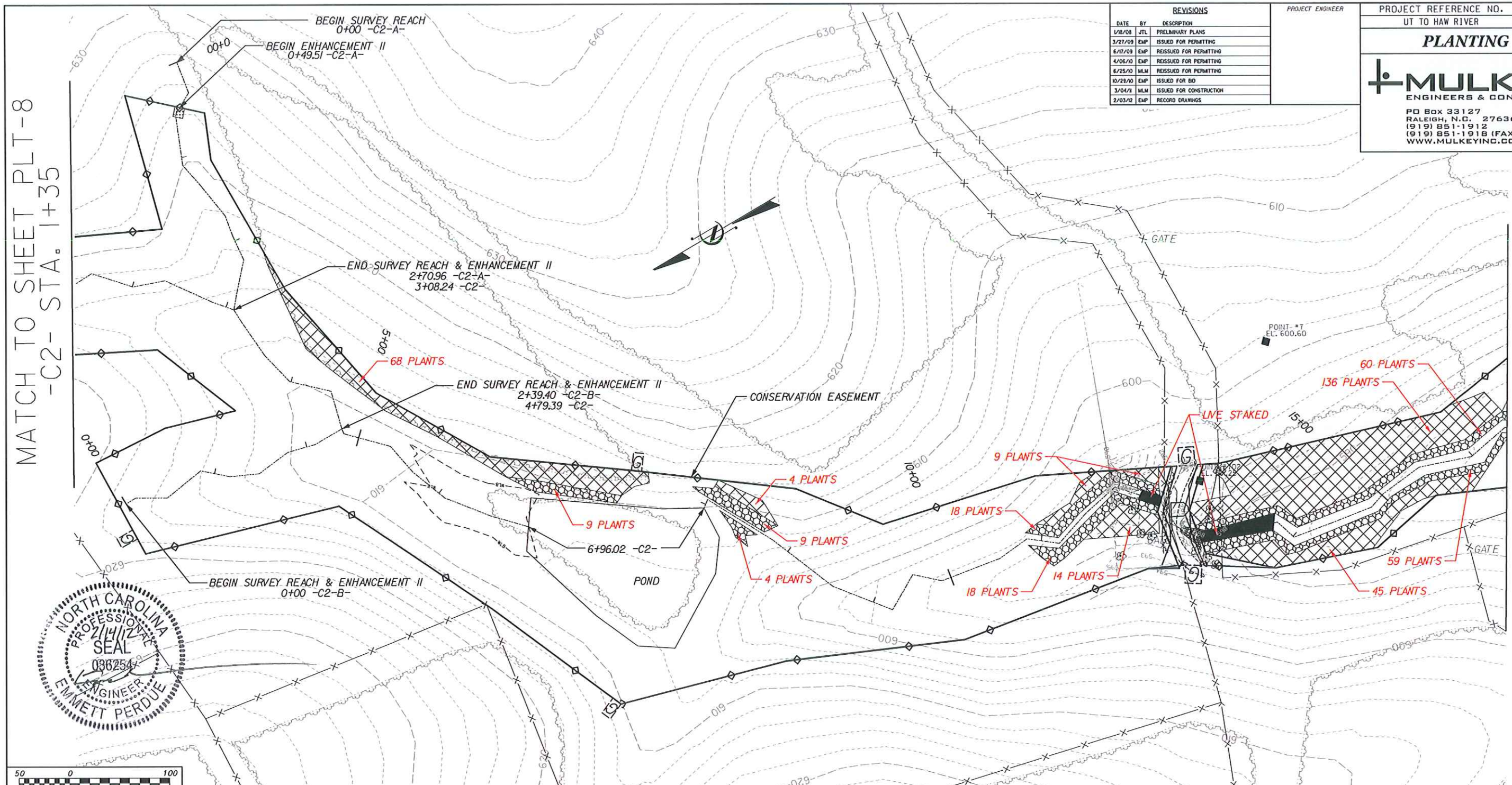
REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	RESUBMITTED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/28/10	EMP	ISSUED FOR BD
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS



#DATE# #TIMES# #FILES#

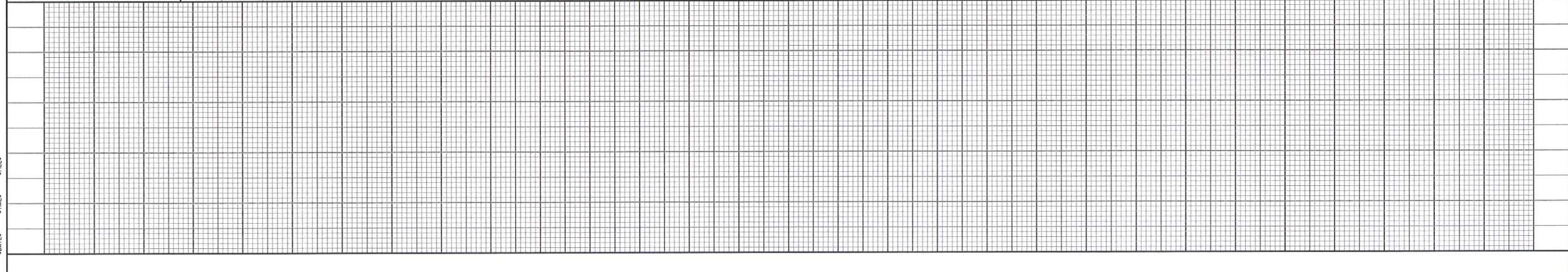
PROJECT REFERENCE NO.		SHEET NO.
UT TO HAW RIVER		PLT-9
PLANTING		
MULKEY		
ENGINEERS & CONSULTANTS		
PO Box 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM		

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
4/06/10	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
12/28/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS



MATCH TO SHEET PLT-8
-C2- STA. 1+35

MATCH TO SHEET PLT-10
-C2- STA. 16+45



DATES 9 TIMES 9 FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
4/06/10	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

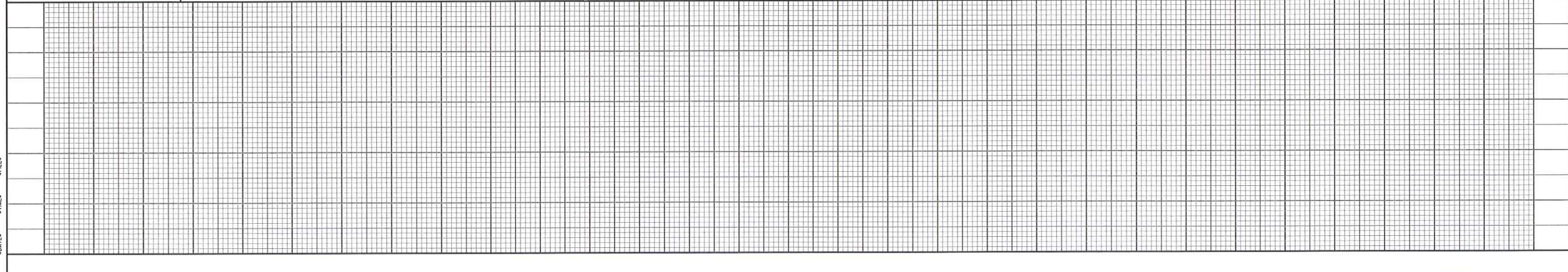
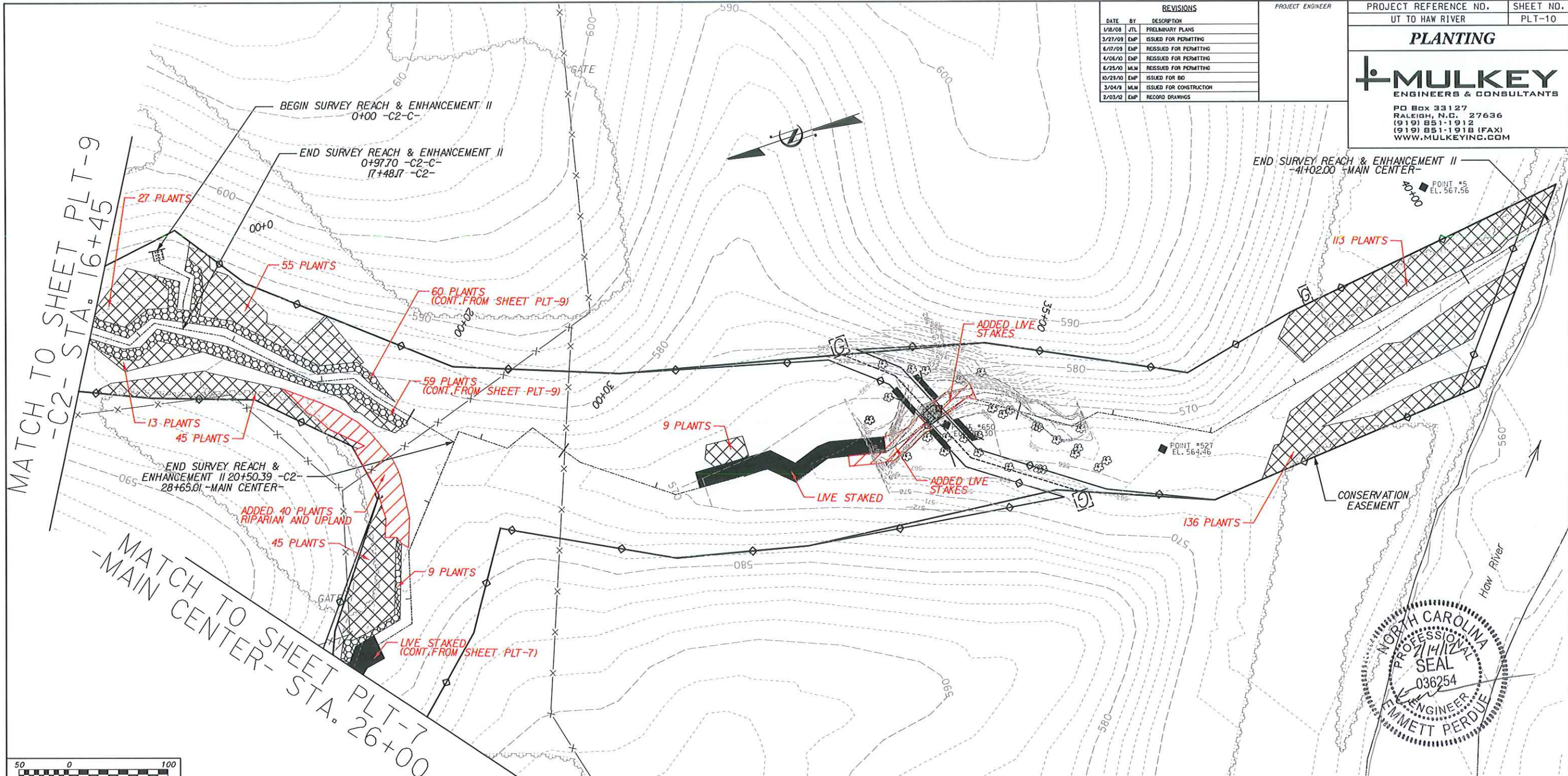
PROJECT ENGINEER

PROJECT REFERENCE NO. UT TO HAW RIVER SHEET NO. PLT-10

PLANTING



PO Box 33127
 RALEIGH, N.C. 27636
 (919) 851-1912
 (919) 851-1918 (FAX)
 WWW.MULKEYINC.COM



0 DATES 5 TIMES 8 FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	REISSUED FOR PERMITTING
6/25/10	MLM	REISSUED FOR PERMITTING
10/28/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

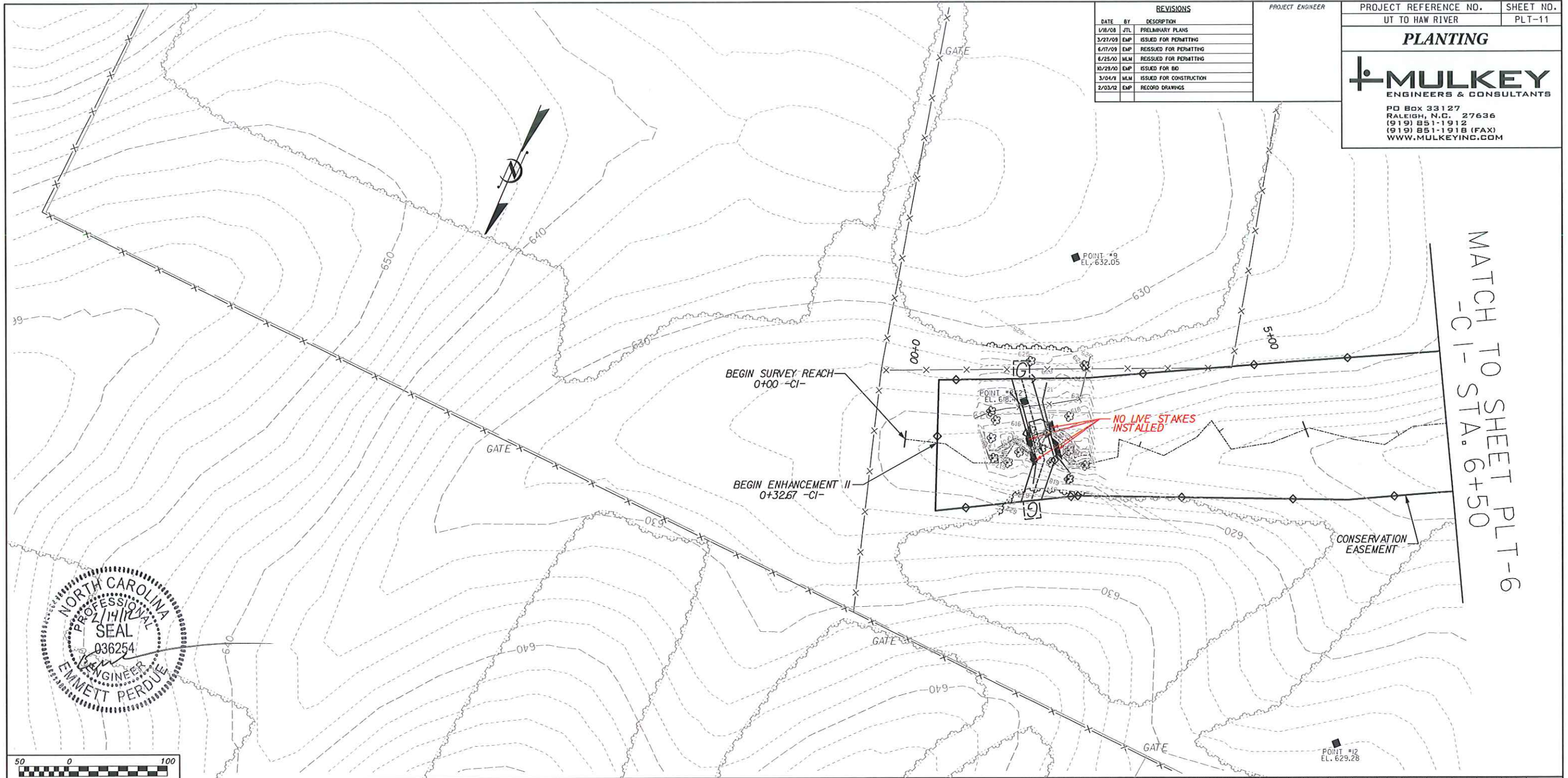
PROJECT REFERENCE NO. UT TO HAW RIVER SHEET NO. PLT-11

PLANTING

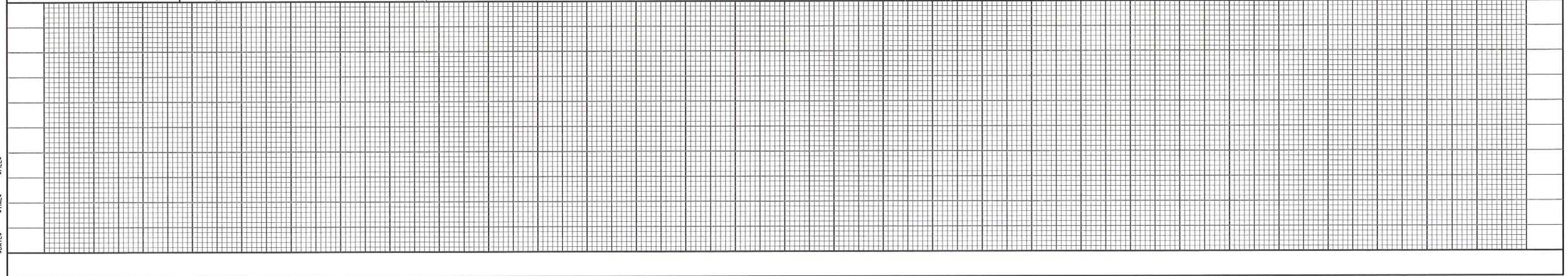
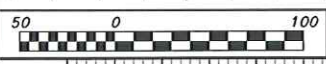


MULKEY
ENGINEERS & CONSULTANTS

PO Box 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM



MATCH TO SHEET PLT-6
-CI- STA. 6+50



DATES TIMES FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/18/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
4/06/10	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

PROJECT ENGINEER

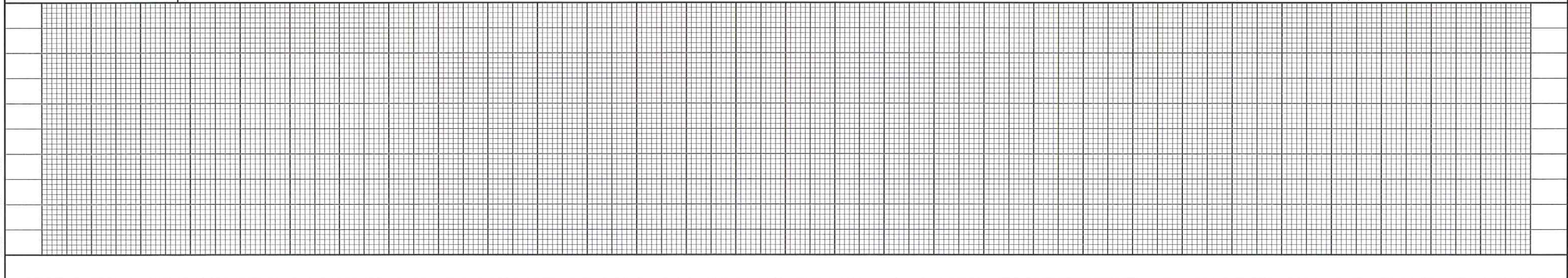
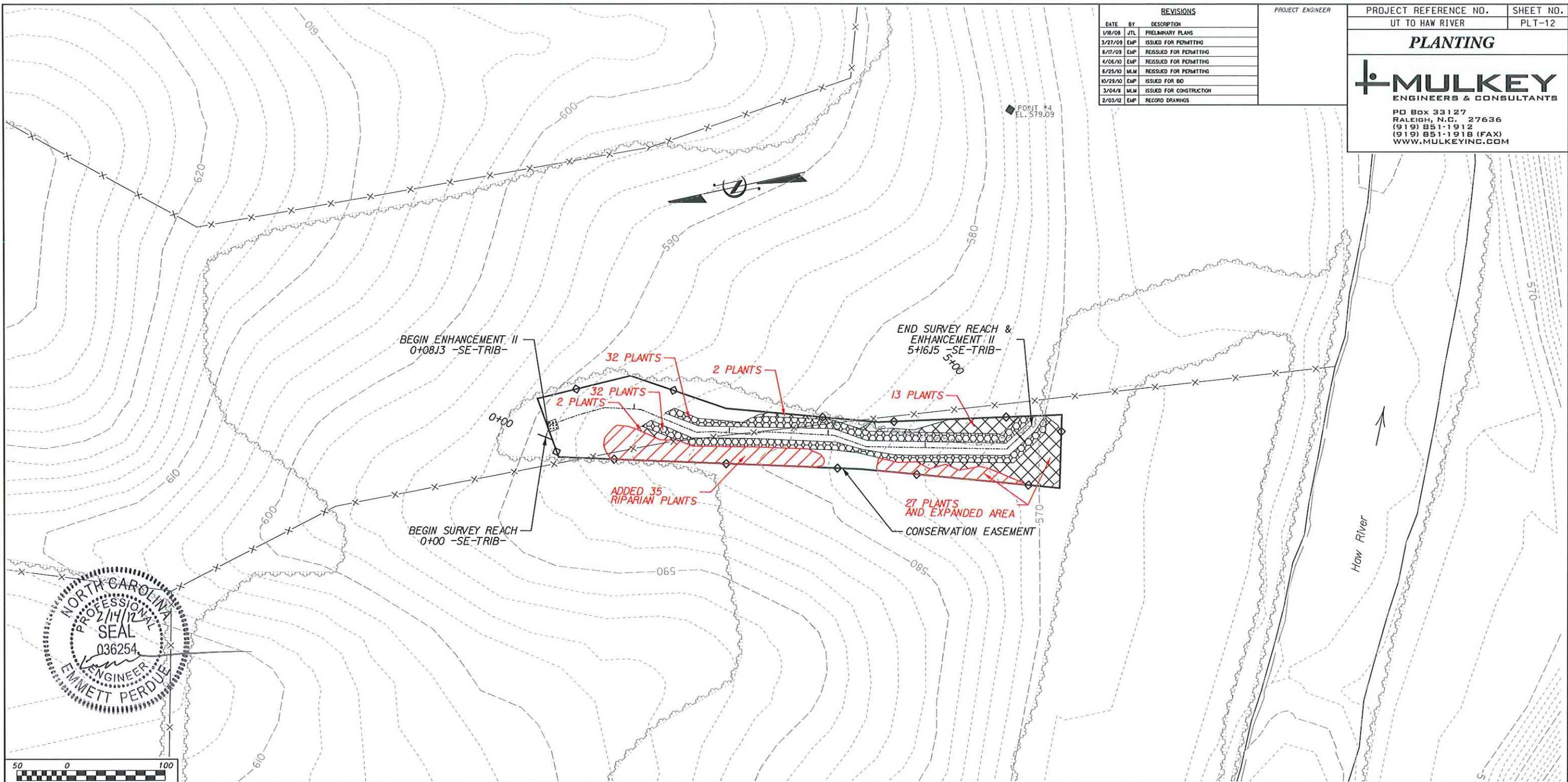
PROJECT REFERENCE NO. UT TO HAW RIVER SHEET NO. PLT-12

PLANTING



MULKEY
ENGINEERS & CONSULTANTS

PO Box 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM



604TES 6#TIMES 6#FILES

REVISIONS		
DATE	BY	DESCRIPTION
1/8/08	JTL	PRELIMINARY PLANS
3/27/09	EMP	ISSUED FOR PERMITTING
6/17/09	EMP	ISSUED FOR PERMITTING
6/25/10	MLM	ISSUED FOR PERMITTING
10/29/10	EMP	ISSUED FOR BID
3/04/11	MLM	ISSUED FOR CONSTRUCTION
2/03/12	EMP	RECORD DRAWINGS

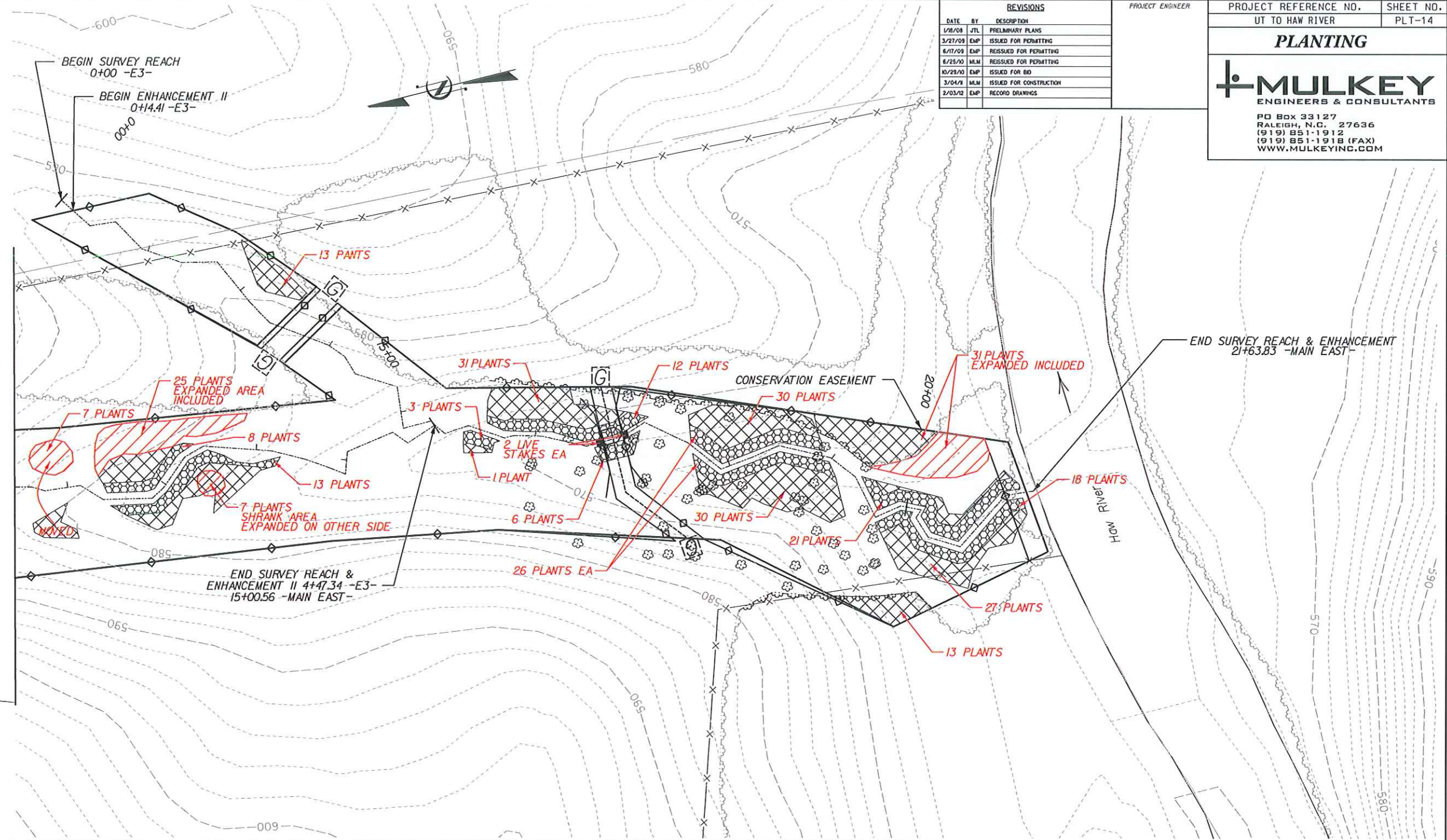
PROJECT ENGINEER

PROJECT REFERENCE NO. UT TO HAW RIVER	SHEET NO. PLT-14
--	---------------------

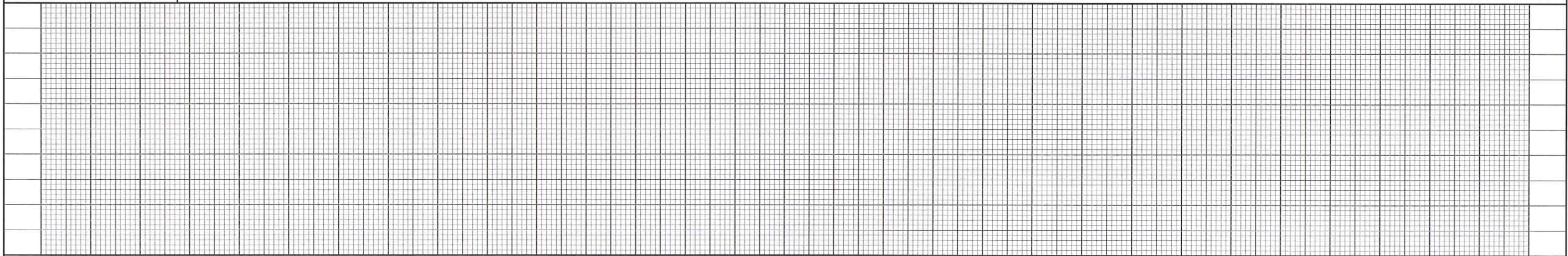
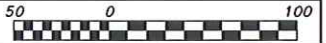
PLANTING



PO Box 33127
 RALEIGH, N.C. 27636
 (919) 851-1912
 (919) 851-1918 (FAX)
 WWW.MULKEYINC.COM



MATCH TO SHEET PLT-13
-MAIN EAST- STA. 10+50



DATES
 TIMES
 FILES