AIA® Document G701™ – 2001

Change Order

PROJECT *(Name and address)*:
East Middle School-Classroom Addition
130 Merlin's Maze
Biscoe, NC 27209

TO CONTRACTOR *(Name and address)*:
Carpenter Construction Co., Inc.
501 Rocky River Road
Oakboro, NC 28129

CHANGE ORDER NUMBER: 002
DATE: 08/25/2017
ARCHITECT'S PROJECT NUMBER: 1548
CONTRACT DATE: 04/05/2017
CONTRACT FOR: General Construction

OWNER: ☐
ARCHITECT: ☐
CONTRACTOR: ☐
FIELD: ☐
OTHER: ☐

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

Allowance		$50,000.00
COP #08-Furnish & Install 6" Concrete Grade Ring, 4" DIA Flat Top w 2x3 opening, 24"x36"x4" tall frame & Pedertrian Grate @ Ex. GI	$ 1,063.00	
COP #09-Demo Sidewalk @ Door A122C to meet ADA requirements	$ 428.00	
COP #10-Furnish & Install ADA Sidewalk @ door A122C	$ 799.00	
Total COP	$ 2,290.00	
BALANCE OF ALLOWANCE		$47,710.00

The original Contract Sum was	$	2,883,942.00
The net change by previously authorized Change Orders	$	51,783.54
The Contract Sum prior to this Change Order was	$	2,935,725.54
The Contract Sum will be increased by this Change Order in the amount of	$	
The new Contract Sum including this Change Order will be	$	2,935,725.54

The Contract Time will be unchanged by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT	CONTRACTOR	OWNER
Pinnacle Architecture, P.A.	Carpenter Construction Co., Inc.	Mongtomery County Schools
(Firm name)	*(Firm name)*	*(Firm name)*
630 Team Road, Suite 200 (28105), P.O. Box 187, Matthews, NC 28106	501 Rocky River Road, Oakboro, NC 28129	441 Page Street, P.O. Box 427, Troy, NC 27371
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
Randall E. Baker, AIA-Vice President	Joey H. Carpenter-President	Dr. Richard "Dale" Ellis-Superintendent
(Typed name)	*(Typed name)*	*(Typed name)*
8/25/17	9/1/2017	9/5/17
DATE	DATE	DATE

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User Notes: (860115017)

Carpenter Construction Company, Inc.

*501 Rocky River Rd * PO Box 641*
Oakboro, NC 28129
*(704) 485-8598 * Fax (704) 485-3462*

7/27/2017

Montgomery County Schools
441 Page Street
Troy, NC 27371
Attn. Jamin Niederhofer
Project : East Middle School

CO PROPOSAL #8

Furnish & Install 6" Concrete Grade Ring, 4" DIA Flat Top with 2x3 opening,24"x36"x4" Tall Frame & Pedestrian Grate @ Ex. GI.

CO PROPOSAL #8 TOTAL AMOUNT $1,063.00

Respectfully Submitted,
Carpenter Construction Company, Inc.

Joey H. Carpenter, President

Qualifications

1. Only the materials listed is included in this proposal.
   If any items needs to be added or deleted we will re-price.

Carpenter Construction Company, Inc.

*501 Rocky River Rd * PO Box 641*
Oakboro, NC 28129
*(704) 485-8598 * Fax (704) 485-3462*

8/7/2017

Montgomery County Schools
441 Page Street
Troy, NC 27371
Attn. Jamin Niederhofer
Project : East Middle School

CO PROPOSAL #9

Demo Sidewalk @ Door A122C to Meet ADA Requirements

1. ***Remove & Haul off 136 SF (12'x10') & 12'x1'x1' turndown slab. 4.5 Tons Concrete @ $95.00 = $428.00***
   Profit & Overhead x 10%= $43.00
   Subtotal $471.00
   Bond & Builders Risk x 5%= $24.00

CO PROPOSAL #9 TOTAL AMOUNT $495.00

Respectfully Submitted,
Carpenter Construction Company, Inc.

Joey H Carpenter

Joey H. Carpenter, President

Qualifications

1. Only the materials listed is included in this proposal.
   If any items needs to be added or deleted we will re-price.

Carpenter Construction Company, Inc.

501 Rocky River Rd * PO Box 641
Oakboro, NC 28129
(704) 485-8598 * Fax (704) 485-3462

8/7/2017

Montgomery County Schools
441 Page Street
Troy, NC 27371
Attn. Jamin Niederhofer
Project : East Middle School

CO PROPOSAL #10

Furnish & Install ADA Sidewalk @ door A122C

1. 136 SF x 4" = 1.80 Yards Concrete @ $122.00.....$220.00
2. 12'x1'x1' Turn Down Slab = .45 Yards Concrete @ $122.00.....$55.00
3. Minimum Load Charge. (Less than 4 Yards).....$107.00
4. Place & Finish 136 SF x 4" Concrete @ $3.00 SF.....$408.00
5. 34 LF 4" Expansion Joint @ $.26 LF.....$9.00
Profit & Overhead x 10%.....$80.00
Sub-Total.....$879.00
Bond & Builders Risk x 5%.....$44.00

$799.00

CO PROPOSAL #9 TOTAL AMOUNT $923.00

Respectfully Submitted,
Carpenter Construction Company, Inc.

Joey H. Carpenter

Joey H. Carpenter, President

Qualifications

1. Only the materials listed is included in this proposal.
   If any items needs to be added or deleted we will re-price.

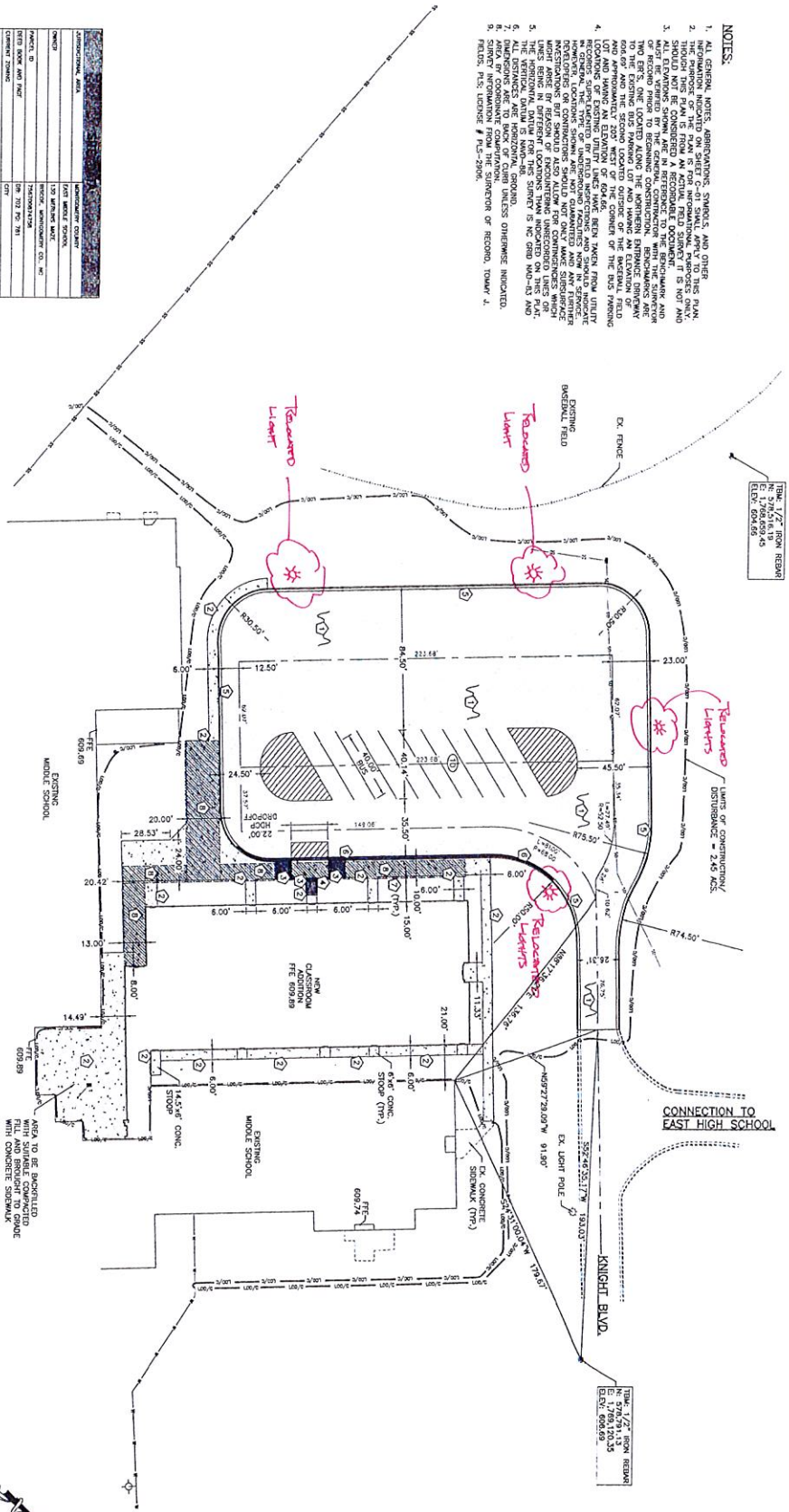
NA to CO #2 GHC

SYMBOL	DESCRIPTION	SHEET REFERENCE
①	INSTALL HEAVY DUTY PAVEMENT	SEE SHT. D-1, #1
②	INSTALL CONCRETE SIDEWALK – DIMENSIONS VARY SEE PLAN	SEE SHT. D-1, #2-3
③	INSTALL HANDICAP RAMP	SEE SHT. D-1, #4
④	INSTALL HANDICAP PARKING SIGN	SEE SHT. D-1, #5
⑤	INSTALL 24" CONCRETE CURB AND "STANDARD" GUTTER	SEE SHT. D-1, #6
⑥	INSTALL 24" CONCRETE CURB AND "SPILL" GUTTER	SEE SHT. D-1, #6
⑦	INSTALL CONCRETE PAD FOR CANOPY COLUMN SUPPORT	SEE ARCH. PLANS
⑧	INSTALL CANOPY	SEE ARCH. PLANS

JURISDICTIONAL AREA	MONTGOMERY COUNTY
OWNER	EAST MIDDLE SCHOOL 139 MITCHUS MINT BISCOE, MONTGOMERY CO., NC
PARCEL ID	7567004376
DEED BOOK AND PAGE	DB 702 PG 781
CURRENT ZONING	CITY
PROPERTY ACREAGE	5.69 ACS.
WATERSHED INFORMATION:	
STREAM NAME	CITOMA CREEK
STREAM CLASSIFICATION	C
STREAM USE(S)	HQW, FWC, WEC, UBD
FLOODPLAIN INVOLVEMENT	NONE - ZONE "X"
MAP	3710736600J
PANEL	7008

NOTES:

1. ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON SHEET C-01 SHALL APPLY TO THIS PLAN.
2. THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY, THEREFORE IT SHOULD NOT BE CONSIDERED A RECORDABLE DOCUMENT AND SHOULD NOT BE CONSIDERED A RECORDABLE DOCUMENT IS NOT AND MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED.
3. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND ARE BASED ON THE NAD-83 DATUM. BENCHMARKS ARE TWO IRF'S, ONE LOCATED ALONG THE NORTHERN ENTRANCE DRIVEWAY OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARKS ARE TO REMAIN UNDISTURBED THROUGHOUT CONSTRUCTION. ELEVATIONS 606.69' AND THE SECOND LOCATED OUTSIDE OF THE BASEBALL FIELD AND APPROXIMATELY 200' WEST OF THE CORNER OF THE BUS PARKING LOT AND THE MIDDLE SCHOOL BUILDING.
4. LOCATIONS OF EXISTING UTILITY LINES HAVE BEEN TAKEN FROM UTILITY RECORDS SUPPLEMENTED BY FIELD INSPECTIONS, AND SHOULD INDICATE THE GENERAL NATURE AND EXTENT OF KNOWN UNDERGROUND UTILITIES. HOWEVER, LOCATIONS SHOWN ARE NOT GUARANTEED AND ANY FURTHER INVESTIGATIONS, RELOCATIONS OR PRECAUTIONS SHOULD NOT ONLY MAKE SUBSURFACE INVESTIGATIONS BEFORE EXCAVATION BUT ALSO ASSUME RESPONSIBILITY FOR ANY AND ALL CLAIMS WHICH MIGHT ARISE BY REASON OF ENCOUNTERING UNRECORDED LINES OR LINES BEING IN DIFFERENT LOCATIONS THAN INDICATED ON THIS PLAT.
5. THE BEARING SYSTEM IS BASED ON NAD-83 GRID NORTH AS PER THE SURVEY BY THE VERTICAL DATUM IS NAVD-88. SURVEY IS NC GRID NAD-83 AND ALL DIMENSIONS ARE HORIZONTAL GROUND.
6. AREA BY COORDINATE COMPUTATION. UNLESS OTHERWISE INDICATED.
7. SURVEY INFORMATION FROM THE SURVEYOR OF RECORD, TOMMY J. PEARCE, PLS, LICENSE # PLS-2906.



GRAPHIC SCALE
(IN FEET)

CALL 811 BEFORE YOU DIG

THIS DRAWING IS THE PROPERTY OF THE ARCHITECTS AND CAN NOT BE USED FOR CONSTRUCTION PURPOSES OR REPRODUCED WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

CONTRACTOR TO VERIFY ALL DIMENSIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17831 BILL LESTER JR.

C-04

REVISION SCHEDULE

NO.	DATE	DIFFERENCE

EAST MIDDLE SCHOOL CLASSROOM ADDITION BISCOE, NORTH CAROLINA

SITE LAYOUT PLAN

ISSUE DATE: 06.xx.16
DRAWN BY: FDW
CHECKED BY: TAC
PROJECT: 1548

PINNACLE ARCHITECTURE PROFESSIONAL ASSOCIATION
P.O. BOX 187, 630 TEAM ROAD, SUITE 200
MATTHEWS, NORTH CAROLINA 28106
PH: (704) 847-9851 F: (704) 847-9853

LKC Engineering
Engineering Landscape Architecture Planning
LKC Engineering, pllc
140 Aqua Shed Court
Aberdeen, NC 28315
lkcengineering.com
O: 910.420.1437
F: 910.637.0096
License No.: P-1095

Melissa Dixon NA to CO #2

From: Joey H. Carpenter [joey@carpenterconstructioncompany.com]
Sent: Monday, August 07, 2017 2:09 PM
To: Randy Baker
Cc: joey@carpenterconstructioncompany.com; Jay Niederhofer; Melissa Dixon
Subject: RE: East Middle School CO PROPOSAL 10

Randy I think there is some confusion on this.
The civil drawing say remove the existing light poles.
Per sheet C-03 Demolition Plan.
Sheet E1.0 note 3 says Remove existing site lighting pole and fixtures.
Turn over to the owner. Demolish pole base.
This work has been completed and Bill's people have already pick these up and moved off site.

Note 4 Sheet E1.0 shows (2) two new pole lights.
It also says to see civil for exact locations.
There is no locations on civil drawings that I can find.
I can use the drawing you sent I just need you to take (1) one of the (3) three lights off.
There is only (2) two pole lights now.

Thanks,

On Mon, August 7, 2017 12:59 pm, Randy Baker wrote:
> Joey,
> Attached are the areas for the light poles to be relocated.
>
>
> Thanks,
> Randy
>
>
> -----Original Message-----
> From: Joey H. Carpenter [mailto:joey@carpenterconstructioncompany.com]
> Sent: Monday, August 07, 2017 11:02 AM
> To: Randy Baker <Randy@pinnaclearchitecture.net>
> Cc: joey@carpenterconstructioncompany.com; Jay Niederhofer
> <jay.niederhofer@montgomery.k12.nc.us>; Melissa Dixon
> <Melissa@pinnaclearchitecture.net>
> Subject: RE: East Middle School CO PROPOSAL 10
>
>
> Randy "PLEASE" try and get the light pole locations for me today if
> anyway possible.
>
> Thanks,

>
>
>
>
>
> On Mon, August 7, 2017 10:29 am, Randy Baker wrote:
>
>> Joey,
>> COP #9 and #10 in my opinion is acceptable.
>>
>>
>>
>> Jay,
>> Do you take any exceptions to either one?
>>
>>
>>
>> Thanks,
>> Randy
>>
>>
>>
>> -----Original Message-----
>> From: Joey H. Carpenter
>> [mailto:joey@carpenterconstructioncompany.com]
>> Sent: Monday, August 07, 2017 9:58 AM
>> To: Randy Baker <Randy@pinnaclearchitecture.net>
>> Cc: Jay Niederhofer <Jay.Niederhofer@montgomery.k12.nc.us>; Melissa
>> Dixon <Melissa@pinnaclearchitecture.net>
>> Subject: East Middle School CO PROPOSAL 10
>>
>>
>>
>> Randy attached is the proposal to pour the sidewalk back at door A122C.
>>
>>
>>
>> Thanks,
>>
>>
>>
>>
>>
>> Joey H. Carpenter
>> Carpenter Construction Co.,Inc.
>> 501 Rocky River Road
>> PO Box 641
>> Oakboro,NC 28129
>> Phone 704-485-8598
>> Fax 704-485-3462
>> Cell 980-621-2765

AIA® Document G701™ – 2001

Change Order

PROJECT *(Name and address)*:
East Middle School-Classroom Addition
130 Merlin's Maze
Biscoe, NC 27209

CHANGE ORDER NUMBER: 003
DATE: 08/29/17

OWNER: ☐
ARCHITECT: ☐
CONTRACTOR: ☐
FIELD: ☐
OTHER: ☐

TO CONTRACTOR *(Name and address)*:
Carpenter Construction Co., Inc.
501 Rocky River Road
Oakboro, NC 28129

ARCHITECT'S PROJECT NUMBER: 1548
CONTRACT DATE: 04/05/2017
CONTRACT FOR: General Construction

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

ALLOWANCE BALANCE			$47,710.00
COP #11			
Rpt 24A Dirt out & in	462 yards @$ 44.00	$ 20,328.00	
B Dirt out & in	126.38 yards @ $ 44.00	$ 5,560.72	
C Dirt out & in	43.33 yards @ $44.00	$ 1,906.52	
D Dirt out & in	15.01 yards @ $ 44.00	$ 660.44	
Rpt 25A Dirt out & in	16.38 yards @ $ 44.00	$ 720.72	
B Dirt out & in	45.70 yards @ $ 44.00	$ 2,010.80	
C Dirt out & in	94.37 yards @ $ 44.00	$ 4,152.28	
Rpt 27A Dirt out & in	17.77 yards @ $ 44.00	$ 781.88	
Rpt 28A Dirt out & in	39.70 yards @ $ 44.00	$ 1,746.80	
B Dirt out & in	54.88 yards @ $ 44.00	$ 2,414.72	
C.4 Dirt out & in	11 yards @ $ 44.00	$ 484.00	
C.3 Dirt out & in	25.66 yards @ $ 44.00	$ 1,129.04	
D Dirt out & in	7.94 yards @ $ 44.00	$ 349.36	
Rpt 31 A Dirt out & in	5.18 yards @ $ 44.00	$ 227.92	
B Dirt out & in	2.85 yards @ $44.00	$ 125.40	
C Dirt out & in	3.88 yards @ $ 44.00	$ 172.72	
D Dirt out & in	34.44 yards @ $44.00	$ 1,515.36	
E Dirt out & in	4.15 yards @ $ 44.00	$ 182.60	
F Dirt out & in	3.37 yards @ $ 44.00	$ 148.28	
G Dirt out & in	2.22 yards @ $ 44.00	$ 97.68	
H Dirt out & in	2.88 yards @ $ 44.00	$ 126.72	
I Dirt out & in	5.55 yards @ $ 44.00	$ 244.20	
J Dirt out & in	25 yards @ $ 44.00	$ 1,100.00	
K Dirt out & in	96 yards @ $ 44.00	$ 4,224.00	
Rpt 33 A Dirt out &in	147.22yards @ $ 44.00	$ 6,477.68	
B Dirt out & in	177.33 yards @ $ 44.00	$ 7,802.52	
C Dirt out & in	10.66 yards @ $ 44.00	$ 469.04	
D Dirt out & in	2.59 yards @ $ 44.00	$ 113.96	
E Dirt out & in	2.20 yards @ $ 44.00	$ 96.80	
	Total COP	$ 65,368.16	
BALANCE OF ALLOWANCE			($17,658.16)

The original Contract Sum was	$ 2,883,942.00
The net change by previously authorized Change Orders	$ 51,783.54
The Contract Sum prior to this Change Order was	$ 2,935,725.54
The Contract Sum will be increased by this Change Order in the amount of	$ 17,658.16
The new Contract Sum including this Change Order will be	$ 2,953,383.70

The Contract Time will be unchanged by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have

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User Notes:
(1903261546)

been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Pinnacle Architecture, P.A.	Carpenter Construction Co., Inc.	Mongtomery County Schools
ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
630 Team Road, Suite 200 (28105), P.O. Box 187, Matthews, NC 28106	501 Rocky River Road, Oakboro, NC 28129	441 Page Street, P.O. Box 427, Troy, NC 27371
ADDRESS	ADDRESS	ADDRESS
BY *(Signature)*	BY *(Signature)*	BY *(Signature)*
Randall E. Baker, AIA-Vice President	Joey H. Carpenter-President	Dr. Richard "Dale" Ellis-Superintendent
(Typed name)	*(Typed name)*	*(Typed name)*
August 29, 2017	9/1/2017	9/5/17
DATE	DATE	DATE

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(1903261546)

Carpenter Construction Company, Inc.

501 Rocky River Rd * PO Box 641
Oakboro, NC 28129
(704) 485-8598 * Fax (704) 485-3462

8/8/2017

Montgomery County Schools
441 Page Street
Troy, NC 27371
Attn. Jamin Niederhofer
Project : East Middle School

CO PROPOSAL #11

ECS Reports 24-31 & 33

Report 24 A Dirt Out & In 462 Yards @ $44.00	*$20,328.00*
B Dirt Out & In 126.38 Yards @ $44.00	*$5,560.72*
C Dirt Out & In 43.33 Yards @ $44.00	*$1,906.52*
D Dirt Out & In 15.01 Yards @ $44.00	*$660.44*
Report 25 A Dirt Out & In 16.38 Yards @ $44.00	*$720.72*
B Dirt Out & In 45.70 Yards @ $44.00	*$2,010.80*
C Dirt Out & In 94.37 Yards @ $44.00	*$4,152.28*
Report 27A Dirt Out & In 17.77 Yards @ $44.00	*$781.88*
Report 28A Dirt Out & In 39.70 Yards @ $44.00	*$1,746.80*
B Dirt Out & In 54.88 Yards @ $44.00	*$2,414.72*
C.4 Dirt Out & In 11 Yards @ $44.00	*$484.00*
C.3 Dirt Out & In 25.66 Yards @ $44.00	*$1,129.04*
D Dirt Out & In 7.94 Yards @ $44.00	*$349.36*

Report 31A Dirt Out & In 5.18 Yards @ $44.00.....$227.92
B Dirt Out & In 2.85 Yards @ $44.00.....$125.40
C Dirt Out & In 3.88 Yards @ $44.00.....$170.72
D Dirt Out & In 34.44 Yards @ $44.00.....$1,515.36
E Dirt Out & In 4.15 Yards @ $44.00.....$182.60
F Dirt Out & In 3.37 Yards @ $44.00.....$148.28
G Dirt Out & In 2.22 Yards @ $44.00.....$97.68
H Dirt Out & In 2.88 Yards @ $44.00.....$126.72
I Dirt Out & In 5.55 Yards @ $44.00.....$244.20
J Dirt Out & In 25 Yards @ $44.00.....$1,100.00
K Dirt Out & In 96 Yards @ $44.00.....$4,224.00
Report 33A Dirt Out & In 147.22 Yards @ $44.00.....$6,477.68
B Dirt Out & In 177.33 Yards @ $44.00.....$7,802.52
C Dirt Out & In 10.66 Yards @ $44.00.....$469.04
D Dirt Out & In 2.59 Yards @ $44.00.....$113.96
E Dirt Out & In 2.20 Yards @ $44.00.....$96.80

CO PROPOSAL #11 TOTAL AMOUNT $65,368.16

Respectfully Submitted,
Carpenter Construction Company, Inc.



Joey H. Carpenter, President

Qualifications

1. Only the materials listed is included in this proposal.
   If any items needs to be added or deleted we will re-price.
2. ECS Report 32 is "NOT" included in this proposal.

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

Recvd 7/27/17

LETTER OF TRANSMITTAL

July 27, 2017

Montgomery County Schools
PO Box 427 441 Page Street
Troy, NC 27371-0427

ATTN: Bill Mingin

RE: **East Montgomery Middle School**
ECS Job # **33:4029**

Permits:
Location: **120 Merlins Maze**
Biscoe, NC

We are enclosing:

X Materials Engineering Division Reports
X For your use
X As requested

CC: **Montgomery County Schools - Jay Niederhofer**
Carpenter Construction Company - Joey Carpenter
Pinnacle Architecture, P.A. - Randy Baker
Pinnacle Architecture, P.A. - Melissa Dixon

ENCL:

Field Report # 24 07/24/2017

Dennis D Lowery, P.E.
Project Engineer

Donny Johnson
Project Manager

This report (and any included attachments) shall not be reproduced, except in full, without the prior written approval of ECS.

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No.	33:4029
Report No.	24
Day & Date	Monday 07/24/2017
Weather	94°/ Sunny
On-Site Time	11.50
Lab Time	0.00
Travel Time*	3.00
Total	14.50
Re Obs.Time	0.00

Project	East Montgomery Middle School
Location	Biscoe, NC
Client	Montgomery County Schools - Bill Mingin
Contractor	Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140

Chargeable Items

Time of Arrival 06:45A Departure 06:15P

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

1: The excavation of soils for building pad. Please see the attached sketch for details on the location.

Upon excavation fat clays and silty clays were found. ECS recommendation remove unsuitable fill in building pad to approximately 3''8"" below FFE where applicable. (3' from soil subgrade elevation)

Soils quantifications for building pad area as follows; Area "A" 154' x 54' x 1.25' (average depth) = 462 cubic yards, Area "B" 65' x 15' x 3.5' = 126.38 cubic yards.

Removal of existing curb inlet. Please see the attached sketch for details on the location.

Soils quantifications for removal of existing curb inlet as follows; Area "C" 15' x 13' x 6' = 43.33 cubic yards, Area "D" 1/6 x (16' x 4') x (2 x 14+10') = 15.01 cubic yards. Equation; 1/6 x (b x h) x (2 x a+L) = Volume. NOTE area "D" was a wedged shaped ramp for equipment access and safety.

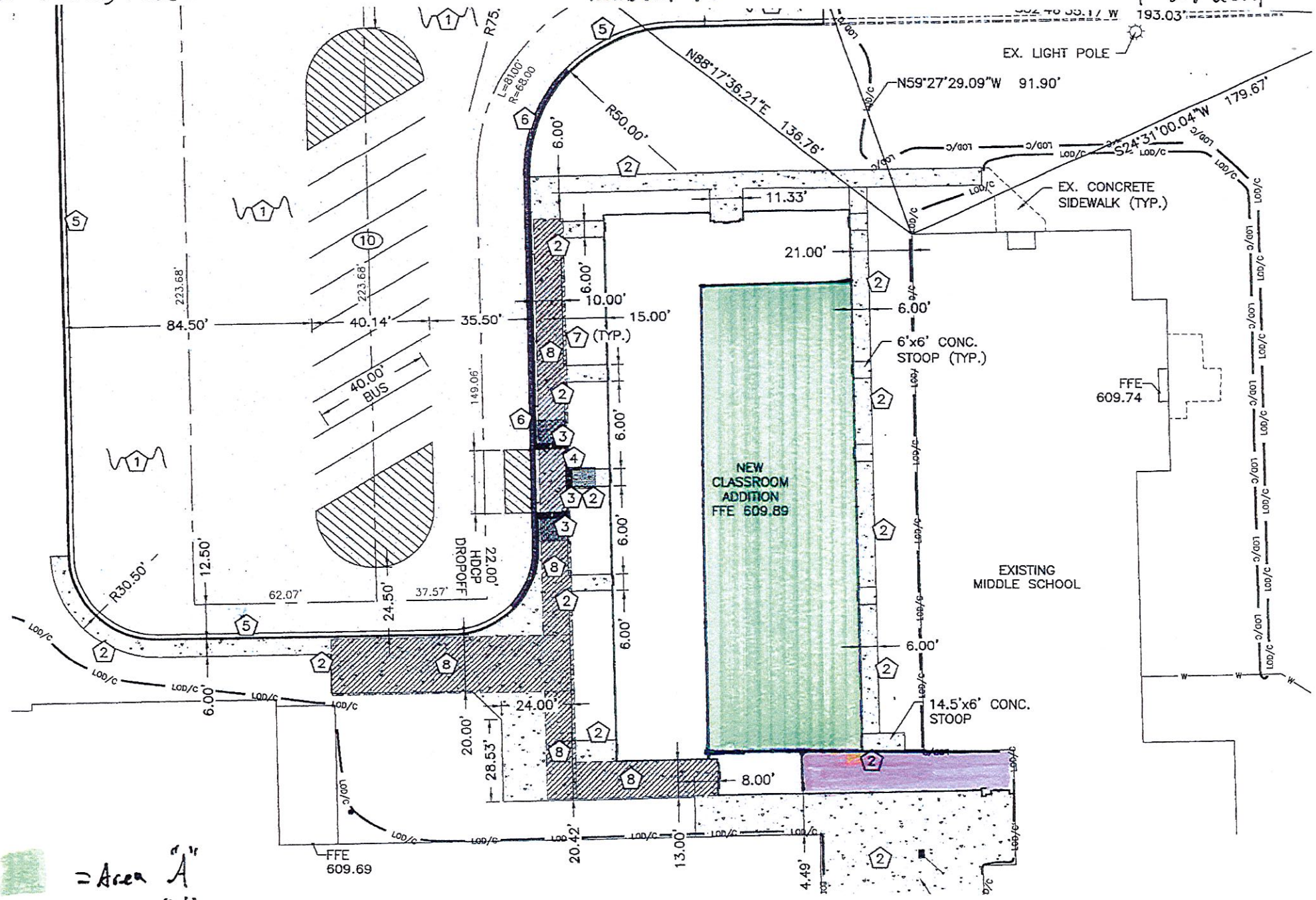
By Thomas W Scott, II, — Field Technician 1800

1063655

East Middle School
1200 Merlins Maze

Project #: 4029
Workorder #: 41493

Thomas W Scott
7-24-2017



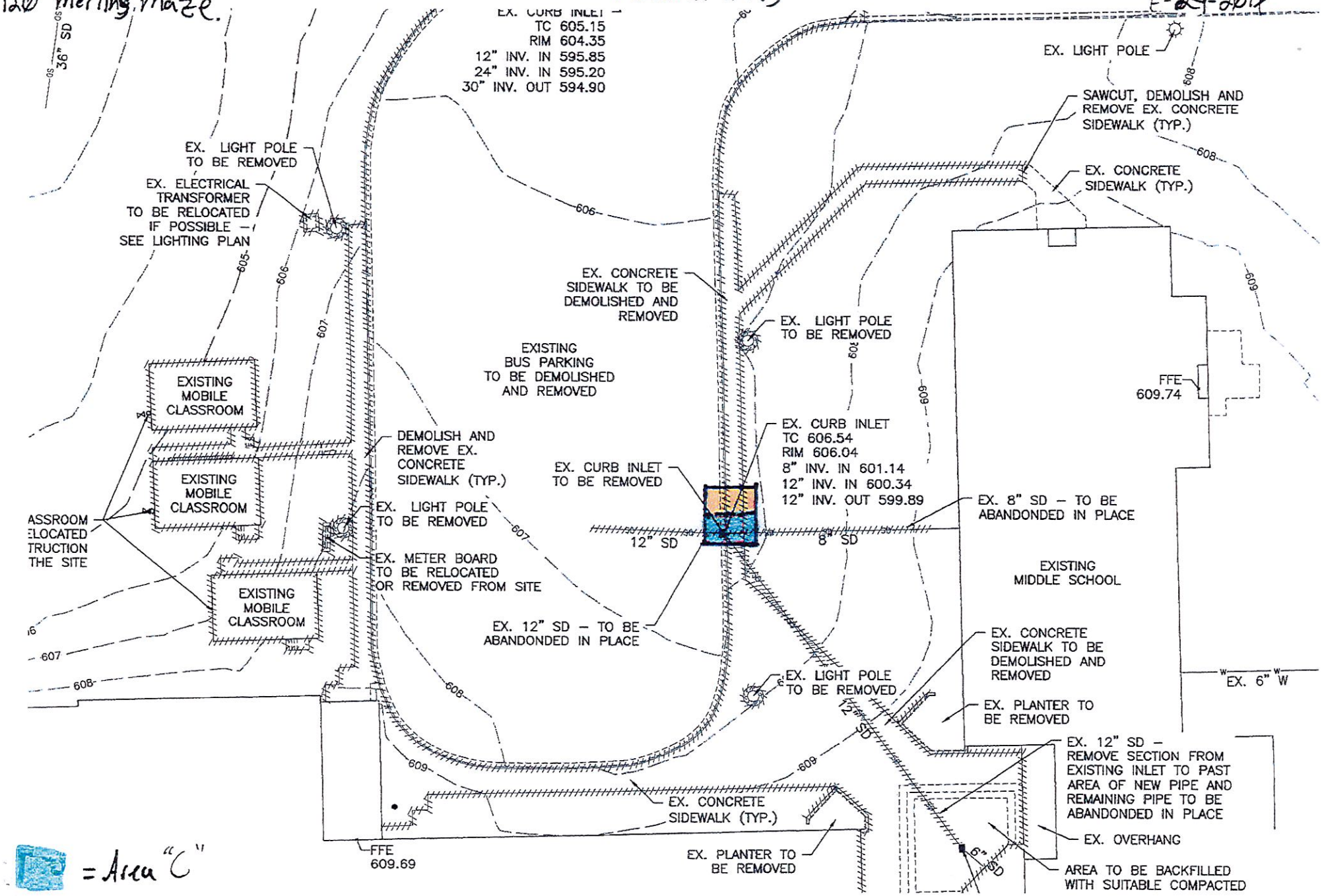
= Area "A"

= Area "B"

East Middle School
1200 merling maze.

Project#: 4829
Workorder#: 41493

Thomas W Sat
7-24-2017



= Area "C"

= Area "D", Wedge/ramp for equipment access & Safety

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

LETTER OF TRANSMITTAL

July 28, 2017

Montgomery County Schools
PO Box 427 441 Page Street
Troy, NC 27371-0427

ATTN: Bill Mingin

RE: East Montgomery Middle School

ECS Job # 33:4029

Permits:

Location: 120 Merlins Maze
Biscoe, NC

We are enclosing:

X Materials Engineering Division Reports
X For your use
X As requested

CC: Montgomery County Schools - Jay Niederhofer
Carpenter Construction Company - Joey Carpenter
Pinnacle Architecture, P.A. - Randy Baker
Pinnacle Architecture, P.A. - Melissa Dixon

ENCL:

Field Report # 25 07/25/2017

Dennis D Lowery, P.E.
Project Engineer

Donny Johnson
Project Manager

This report (and any included attachments) shall not be reproduced, except in full, without the prior written approval of ECS.

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No.	33:4029
Report No.	25
Day & Date	Tuesday 07/25/2017
Weather	85°/ Sunny
On-Site Time	10.75
Lab Time	0.00
Travel Time*	3.00
Total	13.75
Re Obs.Time	0.00

Project	East Montgomery Middle School
Location	Biscoe, NC
Client	Montgomery County Schools - Bill Mingin
Contractor	Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140

Chargeable Items

Time of Arrival 07:15A Departure 06:00P

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

1: The excavation of soils for building pad. Please see the attached sketch for details on the location.

Upon excavation fat clays and silty clays were found. ECS recommendation remove unsuitable fill in building pad.

Soils quantifications for building pad area as follows; Area "A" 88.5' x 2.5' x 2' = 16.38 cubic yards, Area "B" 23' x 14' x 4' = 45.70 cubic yards. Area "C" 65 x 14' x 2.8' = 94.37 cubic yards

2: The placement and compaction of soils for void left from removal of existing curb inlet and for building pad. Please see the attached sketch for details on the location.

Utilizing the Nuclear test method to check the compaction of soils; test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 95% (98% at 18 inches and above) of the maximum dry density as obtained in our laboratory using the Standard Proctor Method (ASTM D-698).

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

By **Thomas W Scott, II, — Field Technician** 1800

1063699

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No. 33:4029
Report No. 25
Day & Date Tuesday 07/25/2017

Project East Montgomery Middle School

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

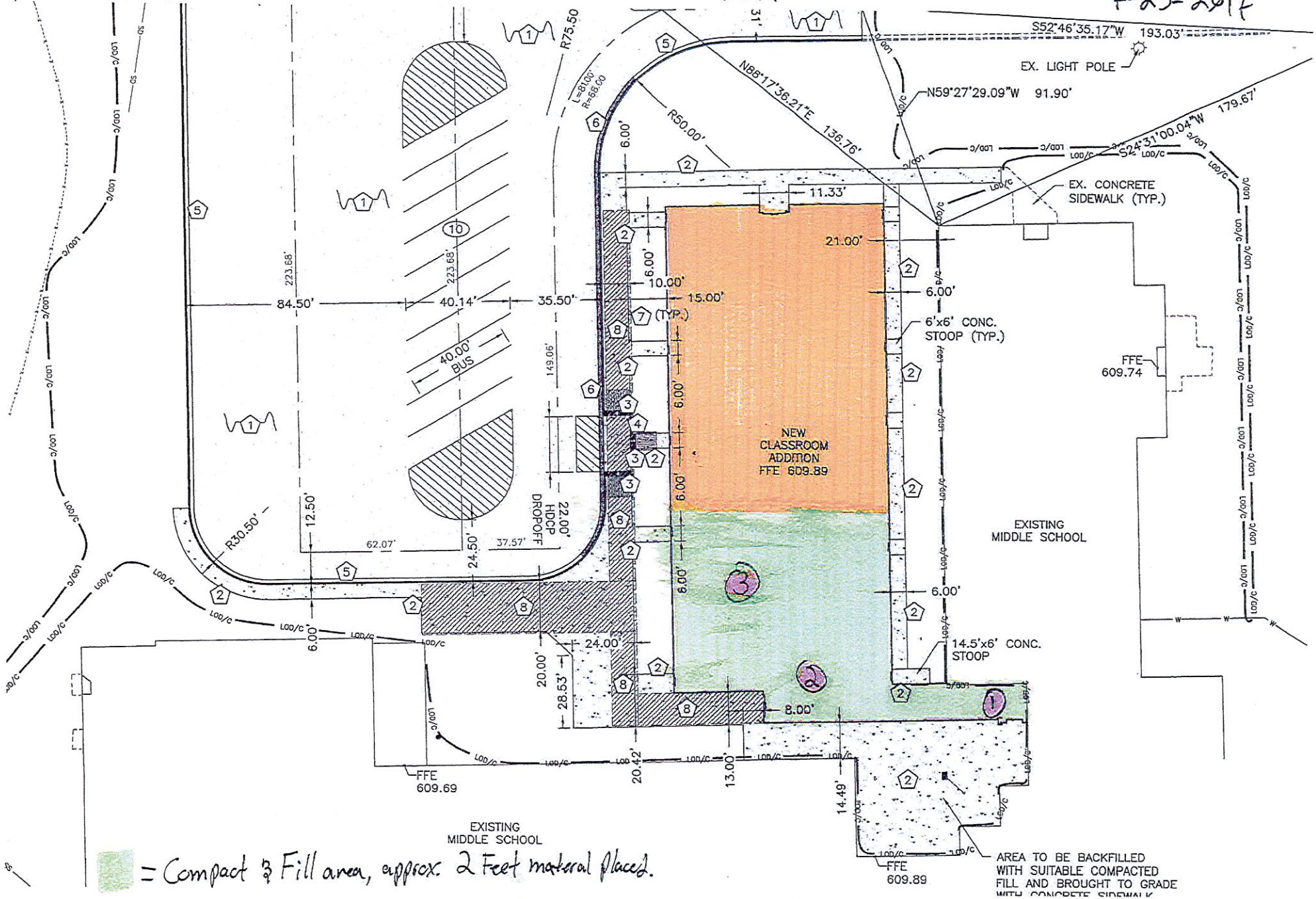
By Thomas W Scott, II, — Field Technician 1800

1063699

East Middle School
120 Mesling Maze

Project#: 4029
Workorder#: 41494

Thomas W Scott
7-25-2017



= Compact & Fill area, approx. 2 Feet material placed.

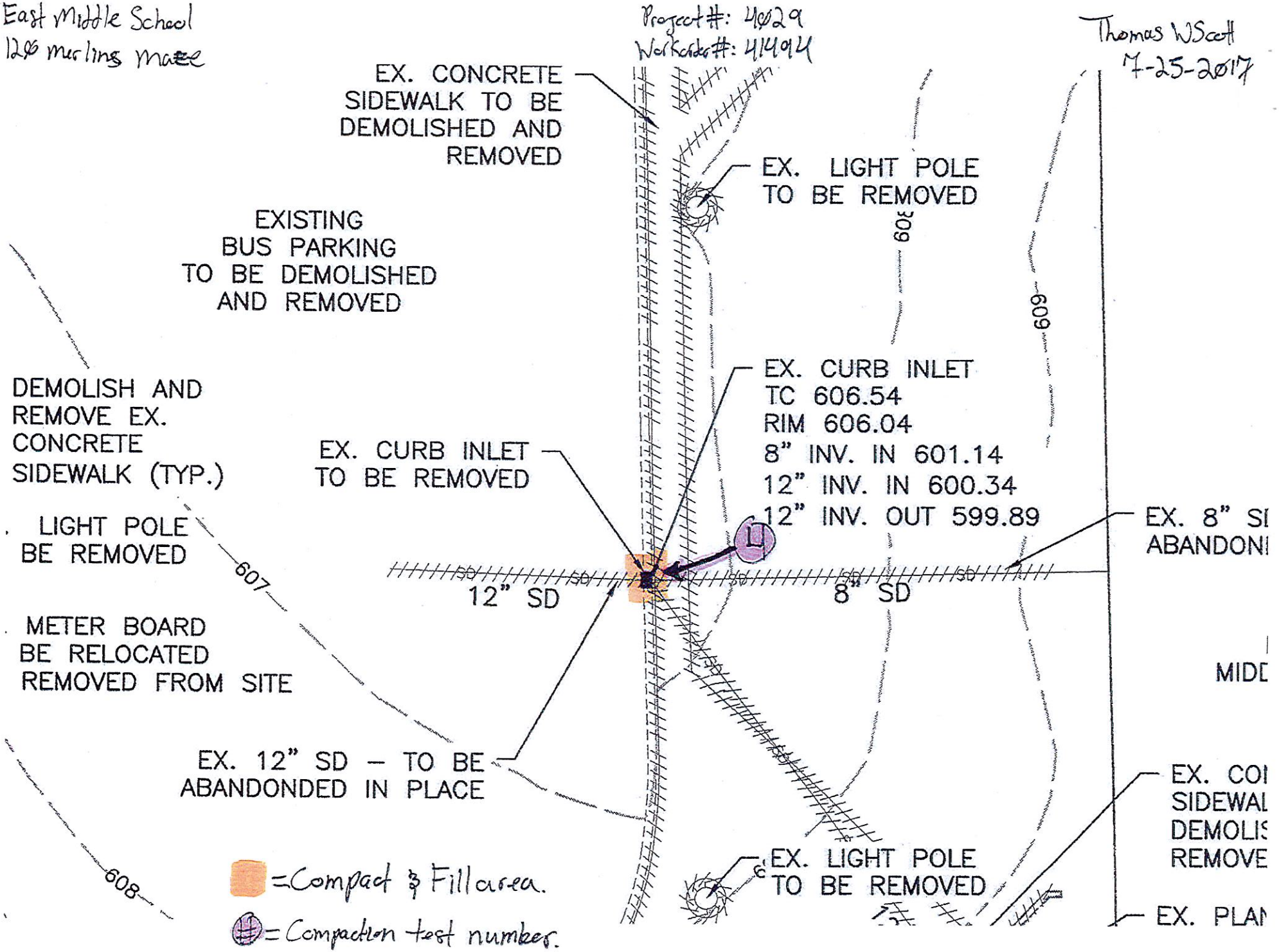
= Compact & Fill area, approx. 1.5 feet material placed.

= Compaction test area & test numbers.

East Middle School
128 Merling Mace

Project #: 4029
Workorder #: 414914

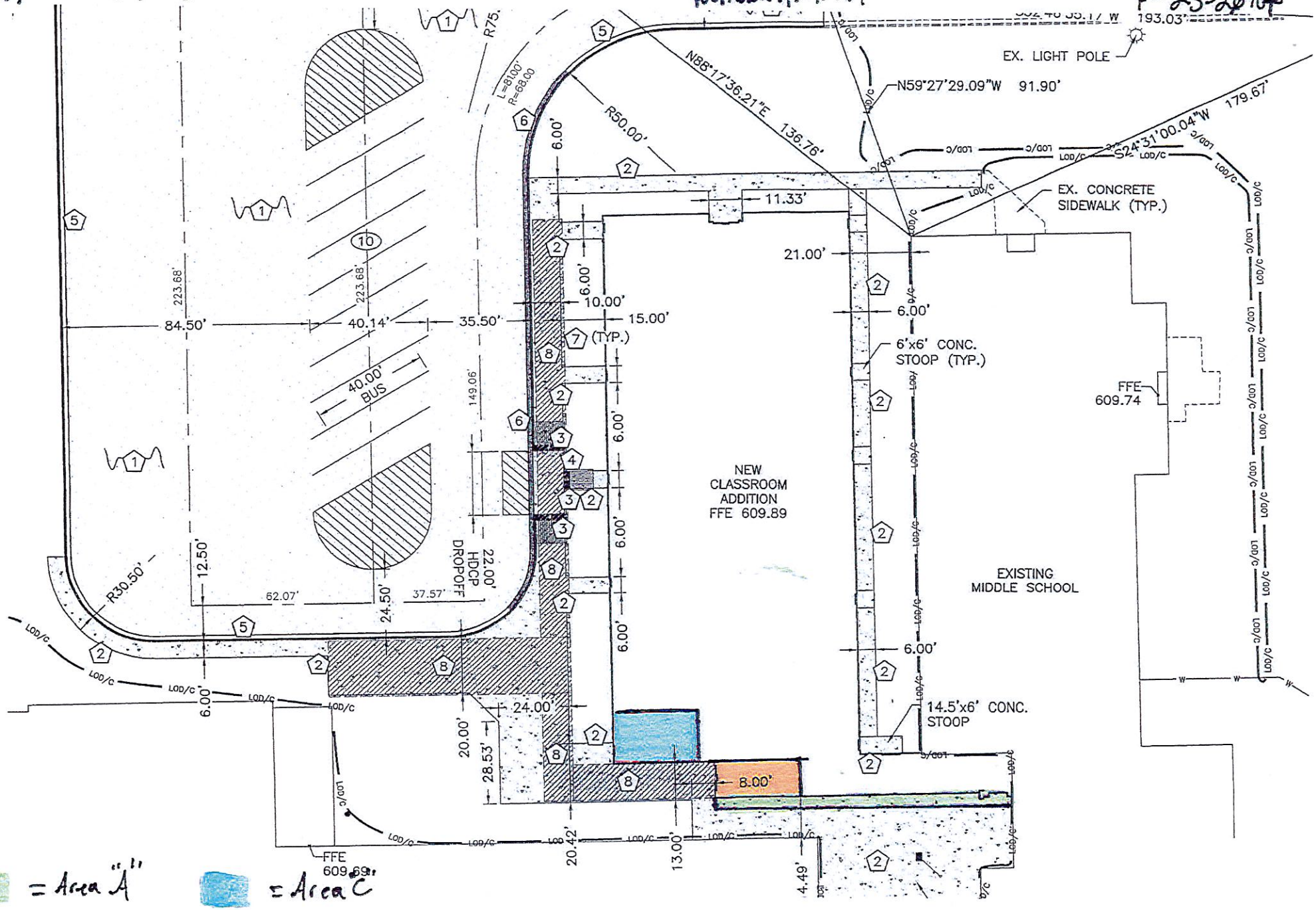
Thomas W Scott
7-25-2017



East Middle School.
126 merlins maze.

Project #: 4929
Workorder #: 41494

Thomas W Scott
7-25-2017



= Area "A"

= Area "C"

= Area "B"

NC Registered Engineering Firm # F-1078

ECS SOUTHEAST, LLP

Field Compaction Summary, ASTM Nuclear

Project No: 4029 Project Name: East Montgomery Middle School Date: 07/25/17

Client: Montgomery County Schools

Contractor: Carpenter Construction Company

Technician: Thomas W Scott, II

Test Method ASTM Nuclear			
Nuclear Gauge No. 1029			
Make		Density Std	2726
Model		Moisture Std	768
Ser. No.	1029		

Sample No.	Description	Proctor Method	Uncorrected Max. Density	Uncorrected Opt. MC
1	Orange clayey sand	Standard Proctor Method (ASTM D-698)	119.20	12.50

Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Maximum Dry Density (pcf)	Corrected Optimum Moisture Content (%)	Test Data				P / F	Comments
										Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)		
1	1	DT	6	Test area one (1). Please see the attached sketch	-2 feet fr	1	0.00	119.20	12.50	128.7	115.1	11.8	96.6	P	
2	2	DT	6	Test area two (2). Please see the attached sketch	-2 feet fr	1	0.00	119.20	12.50	127.5	113.6	12.2	95.3	P	
3	3	DT	6	Test area three (3). Please see the attached sketc	-2 feet fr	1	0.00	119.20	12.50	128.3	114.3	12.2	95.9	P	
4	4	DT	6	Test area four (4). Please see the attached sketch	-6.75 feet	1	0.00	119.20	12.50	130.3	117.7	10.6	98.7	P	
5	4	DT	6	Test area four (4). Please see the attached sketch	-5.5 feet	1	0.00	119.20	12.50	127.8	115.0	11.2	96.5	P	
6	4	DT	6	Test area four (4). Please see the attached sketch	-4.5 feet	1	0.00	119.20	12.50	127.4	114.1	11.6	95.7	P	
7	4	DT	6	Test area four (4). Please see the attached sketch	-3.5 feet	1	0.00	119.20	12.50	132.1	117.5	12.3	98.6	P	

Test Mode: DT = Direct Transmission BS = Back Scatter

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
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LETTER OF TRANSMITTAL

August 2, 2017

Montgomery County Schools
PO Box 427 441 Page Street
Troy, NC 27371-0427

ATTN: Bill Mingin

RE: **East Montgomery Middle School**

ECS Job # **33:4029**

Permits:

Location: **120 Merlins Maze**
Biscoe, NC

We are enclosing:

X Materials Engineering Division Reports
X For your use
X As requested

CC: **Montgomery County Schools - Jay Niederhofer**
Carpenter Construction Company - Joey Carpenter
Pinnacle Architecture, P.A. - Randy Baker
Pinnacle Architecture, P.A. - Melissa Dixon

ENCL:

Field Report # 27	07/28/2017
Field Report # 28	07/31/2017
Field Report # 29	07/31/2017

Dennis D Lowery, P.E.
Project Engineer

Donny Johnson
Project Manager

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Fayetteville, NC 28304
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FIELD REPORT

Project No.	33:4029
Report No.	27
Day & Date	Friday 07/28/2017
Weather	85°/ Sunny
On-Site Time	7.00
Lab Time	0.00
Travel Time*	3.00
Total	10.00
Re Obs. Time	0.00

Project: East Montgomery Middle School
Location: Biscoe, NC
Client: Montgomery County Schools - Bill Mingin
Contractor: Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140

Chargeable Items

Time of Arrival 08:00A Departure 03:00P

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

1: The placement and compaction of soils for SE section of building pad. Please see the attached sketch for details on the location.

Utilizing the unspecified test method to check the compaction of soils; test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained in our laboratory using the standard proctor method (ASTM D698). Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

2: ECS also observed proof rolling of the parking lot area/ bus RW. Please see the attached sketch.

Utilizing a tandem axle dump truck, with a vehicle weight in excess of 60,000 pounds, the identified area was proof rolled and no visible signs of rutting were observed on building pad, with the exception of the below.

Visible signs of minor and major pumping and rutting were observed in areas indicated on sketch. ECS recommendations are to undercut parking lot/ bus RW approximately 1 foot below finished grade and back fill with suitable structural fill. Note, some areas are below subgrade

elevation to receive fill and will not need undercut.

3: ECS also observed the excavation of soils for building pad hallway from existing school to proposed. Please see the attached sketch for details on the location.

The removal of existing sidewalks/ concrete took place. Upon excavation fat clays were found below removed concrete. ECS recommendation was to over excavate approximately 3' from removal depth and 3'' 8"" from finished floor.

Soils quantifications for structural hallway are approximately = Area "A" 16' x 10' x 3' = 17.77 cubic yards.

NC Registered Engineering Firm # F-1078

ECS SOUTHEAST, LLP

Field Compaction Summary, ASTM Nuclear

Project No: 4029 Project Name: East Montgomery Middle School Date: 07/28/17

Client: Montgomery County Schools

Contractor: Carpenter Construction Company

Technician: Thomas W Scott, II

Test Method ASTM Nuclear			
Nuclear Gauge No. 882			
Make		Density Std	2572
Model		Moisture Std	916
Ser. No.	882		

Sample No.	Description	Proctor Method	Uncorrected Max. Density	Uncorrected Opt. MC
1	Orange Clayey Sand	ASTM D 698	119.20	12.50

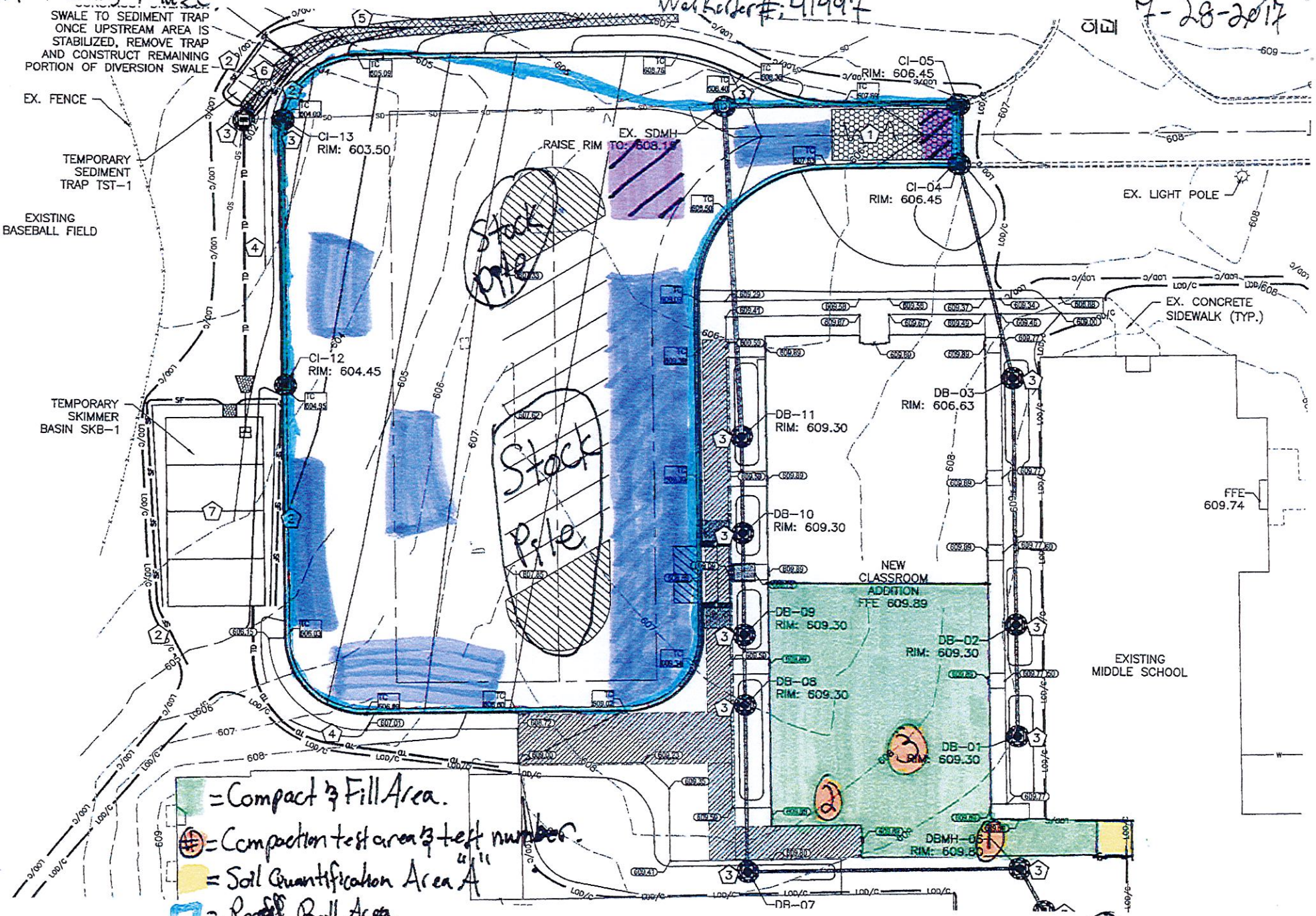
Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Maximum Dry Density (pcf)	Corrected Optimum Moisture Content (%)	Test Data: Wet Density (pcf)	Test Data: Dry Density (pcf)	Test Data: Moisture Content (%)	Test Data: Percent Comp. (%)	P / F	Comments
1	1	DT	6	Test area one (1). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	133.4	117.2	13.8	98.3	P	
2	2	DT	6	Test area two (2). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	130.9	116.9	12.0	98.1	P	
3	3	DT	6	Test area three (3). Please see the attached sketc	Finished g	1	0.00	119.20	12.50	133.3	118.7	12.3	99.6	P	

Test Mode: DT = Direct Transmission BS = Back Scatter

East Middle School
12th Merlins Maze

Project #: 4029
Workorder #: 41497

Thomas W Scott
7-28-2017



NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
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(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No.	33:4029
Report No.	28
Day & Date	Monday 07/31/2017
Weather	88°/ Sunny
On-Site Time	5.50
Lab Time	0.00
Travel Time*	3.00
Total	8.50
Re Obs.Time	0.00

Project East Montgomery Middle School
Location Biscoe, NC
Client Montgomery County Schools - Bill Mingin
Contractor Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140 Time of Arrival 12:45P Departure 06:15P

Chargeable Items

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

1: The excavation of soils for sidewalk areas near existing building and failing proof roll areas. Please see the attached sketch for details on the location.

Upon excavation fat clays and silty clays were found. ECS recommendation over excavate FAILING sidewalk areas approximately 12 to 18 inches below finished grade and FAILING parking lot areas approximately 2 foot below finished grade.

Soils quantifications are approximated as follows; Area "A" 67' x 32' x 0.5' = 39.70 cubic yards, Area "B" 247' x 12' x 0.5' = 54.88 cubic yards, Area "C.4" 45' x 6.6' x 1' = 11 cubic yards, Area "C.3" 33' x 14' x 1.5' = 25.66 cubic yards, and Area "D" 13 x 11' x 1.5' = 7.94 cubic yards.

2) ECS also observed;
The placement and compaction of soils for sidewalk area. Please see the attached sketch for details on the location.

Utilizing the Nuclear test method to check the compaction of soils; test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained in our laboratory using the unspecified proctor method. Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

By **Thomas W Scott, II, — Field Technician** 1800

NC Registered Engineering Firm # F-1078

ECS Southeast, LLP
6151 Raeford Road
Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No. 33:4029
Report No. 28
Day & Date Monday 07/31/2017

Project East Montgomery Middle School

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to lift thickness and moisture content.

4: The excavation of footing(s): Near hall way connection of existing and proposed buildings. Please see the attached sketch for details on the location ("DCP tetst area").

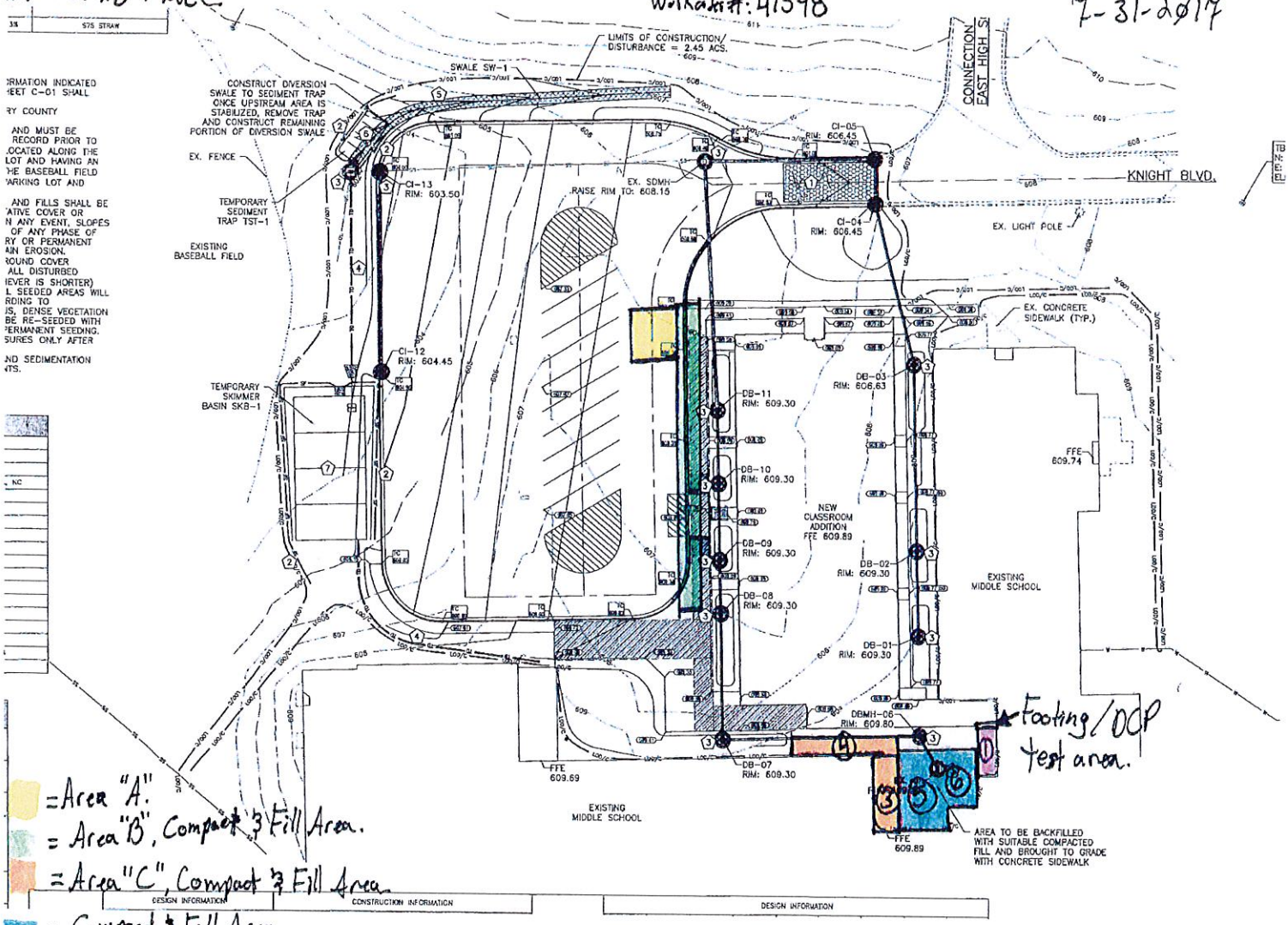
Utilizing a Dynamic Cone Penetrometer (ASTM STP-399) to check the bearing capacity of soil at the aforementioned location(s), test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2000 psf respectively.

ECS will return upon request.

East Middle School
12# merling maze

Project#: 4#29
Workable#: 41598

Thomas W Scott
7-31-2017



Footing / DCP test area.

= Area "A".
= Area "B", Compact & Fill Area.
= Area "C", Compact & Fill Area.
= Compact & Fill Area.
= Area "D", Compact & Fill Area.

NC Registered Engineering Firm # F-1078

Report of Spread Footing - Foundation Observations

Project: East Montgomery Middle School

Location: 120 Merlins Maze
Biscoe - Montgomery County - NC - 27209

Contractor: Carpenter Construction Company

Project No. 4029

Day/Date: 07/31/17

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
1	Near hall way connection of existing and proposed buildings. Please see the attached sketch for details on the location ("DCP tetst area").	x x	x x	N/A			orange clayey sand	0=12,9,9	
1	Near hall way connection of existing and proposed buildings. Please see the attached sketch for details on the location ("DCP tetst area").	x x	x x	N/A			orange clayey sand	-1=14,15,15	

By: Thomas W Scott, II

ECS Southeast, LLP

WO:41598

NC Registered Engineering Firm # F-1078

Report of Spread Footing - Foundation Observations

Project: East Montgomery Middle School

Location: 120 Merlins Maze
Biscoe - Montgomery County - NC - 27209

Contractor: Carpenter Construction Company

Project No. 4029

Day/Date: 07/31/17

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
1	Near hall way connection of existing and proposed buildings. Please see the attached sketch for details on the location ("DCP tetst area").	x x	x x	N/A			orange clay	-2=6,7,11	
1	Near hall way connection of existing and proposed buildings. Please see the attached sketch for details on the location ("DCP tetst area").	x x	x x	N/A			orange/gray clay	-3=9,9,11	

By: Thomas W Scott, II

ECS Southeast, LLP

WO:41598

NC Registered Engineering Firm # F-1078

ECS SOUTHEAST, LLP

Field Compaction Summary, ASTM Nuclear

Project No: 4029 Project Name: East Montgomery Middle School Date: 07/31/17

Client: Montgomery County Schools

Contractor: Carpenter Construction Company

Technician: Thomas W Scott, II

Test Method ASTM Nuclear			
Nuclear Gauge No. 1029			
Make		Density Std	2731
Model		Moisture Std	775
Ser. No.	1029		

Sample No.	Description	Proctor Method	Uncorrected Max. Density	Uncorrected Opt. MC
1	Orange Clayey Sand	ASTM D698	119.20	12.50

Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Maximum Dry Density (pcf)	Corrected Optimum Moisture Content (%)	Test Data: Wet Density (pcf)	Test Data: Dry Density (pcf)	Test Data: Moisture Content (%)	Test Data: Percent Comp. (%)	P / F	Comments
1	1	DT	6	Test area one (1). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	130.9	117.1	11.8	98.2	P	
2	2	DT	6	Test area two (2). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	132.8	118.4	12.2	99.3	P	
3	3	DT	6	Test area three (3). Please see the attached sketc	Finished g	1	0.00	119.20	12.50	131.3	117.8	11.5	98.8	P	
4	4	DT	6	Test area four (4). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	134.6	119.4	12.7	100	P	
5	5	DT	6	Test area five (5). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	131.5	116.9	12.5	98.1	P	
6	6	DT	6	Test area six (6). Please see the attached sketch	Finished g	1	0.00	119.20	12.50	133.8	118.1	13.3	99.1	P	

Test Mode: DT = Direct Transmission BS = Back Scatter

NC Registered Engineering Firm # F-1078

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Suite A
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(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

LETTER OF TRANSMITTAL

August 7, 2017

Montgomery County Schools
PO Box 427 441 Page Street
Troy, NC 27371-0427

ATTN: Bill Mingin

RE: **East Montgomery Middle School**
ECS Job # **33:4029**

Permits:
Location: **120 Merlins Maze**
Biscoe, NC

We are enclosing:

X Materials Engineering Division Reports
X For your use
X As requested

CC: **Montgomery County Schools - Jay Niederhofer**
Carpenter Construction Company - Joey Carpenter
Pinnacle Architecture, P.A. - Randy Baker
Pinnacle Architecture, P.A. - Melissa Dixon

ENCL:

Field Report # 31	08/02/2017
Field Report # 33	08/03/2017

Dennis D Lowery, P.E.
Project Engineer

Donny Johnson
Project Manager

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NC Registered Engineering Firm # F-1078

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Suite A
Fayetteville, NC 28304
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(910) 323-0539 [Fax]

FIELD REPORT

Project No.	33:4029
Report No.	31
Day & Date	Wednesday 08/02/2017
Weather	92°/ Sunny
On-Site Time	7.50
Lab Time	0.00
Travel Time*	3.00
Total	10.50
Re Obs. Time	0.00

Project: East Montgomery Middle School
Location: Biscoe, NC
Client: Montgomery County Schools - Bill Mingin
Contractor: Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140 Time of Arrival 08:45A Departure 04:15P

Chargeable Items

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on-site, as requested, to observe proof rolling of the parking lot/ Bus RW. Please see the attached sketch for details on the location.

Using a loaded, tandem-axle dump truck, the identified area was proof rolled and visible signs of pumping or rutting was observed in specified areas indicated on sketch. Please note areas indicated on sketch are approximate locations.

ECS recommendation to remove failing soils to depths specified on each failing area. ECS representative was present to observe recommendations preformed in area indicated on sketch.

Soils quantifications are as follows;
Area "A" 28' x 5' x 1' = 5.18 cubic yards,
Area "B" 11' x 7' x 1' = 2.85 cubic yards,
Area "C" 10' x 7' x 1.5' = 3.88 cubic yards,
Area "D" 22' x 21' x 2' = 34.44 cubic yards,
Area "E" 16' x 7' x 1' = 4.15 cubic yards,
Area "F" 13' x 7' x 1' = 3.37 cubic yards,
Area "G" 12' x 5' x 1' = 2.22 cubic yards,
Area "H" 13' x 4' x 1.5' = 2.88 cubic yards,
Area "I" 10' x 10' x 1.5' = 5.55 cubic yards,
Area "J" 90' x 6' x 1.25' = 25 cubic yards,
and Area "K" 72' x 36' x 1' = 96 cubic yards.

Todays Total: 185.52 cubic yards

NOTE: Quantified soils will be replaced with imported fill (soil).

By Thomas W Scott, II, — Field Technician 1800

NC Registered Engineering Firm # F-1078

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(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No. 33:4029
Report No. 31
Day & Date Wednesday 08/02/2017

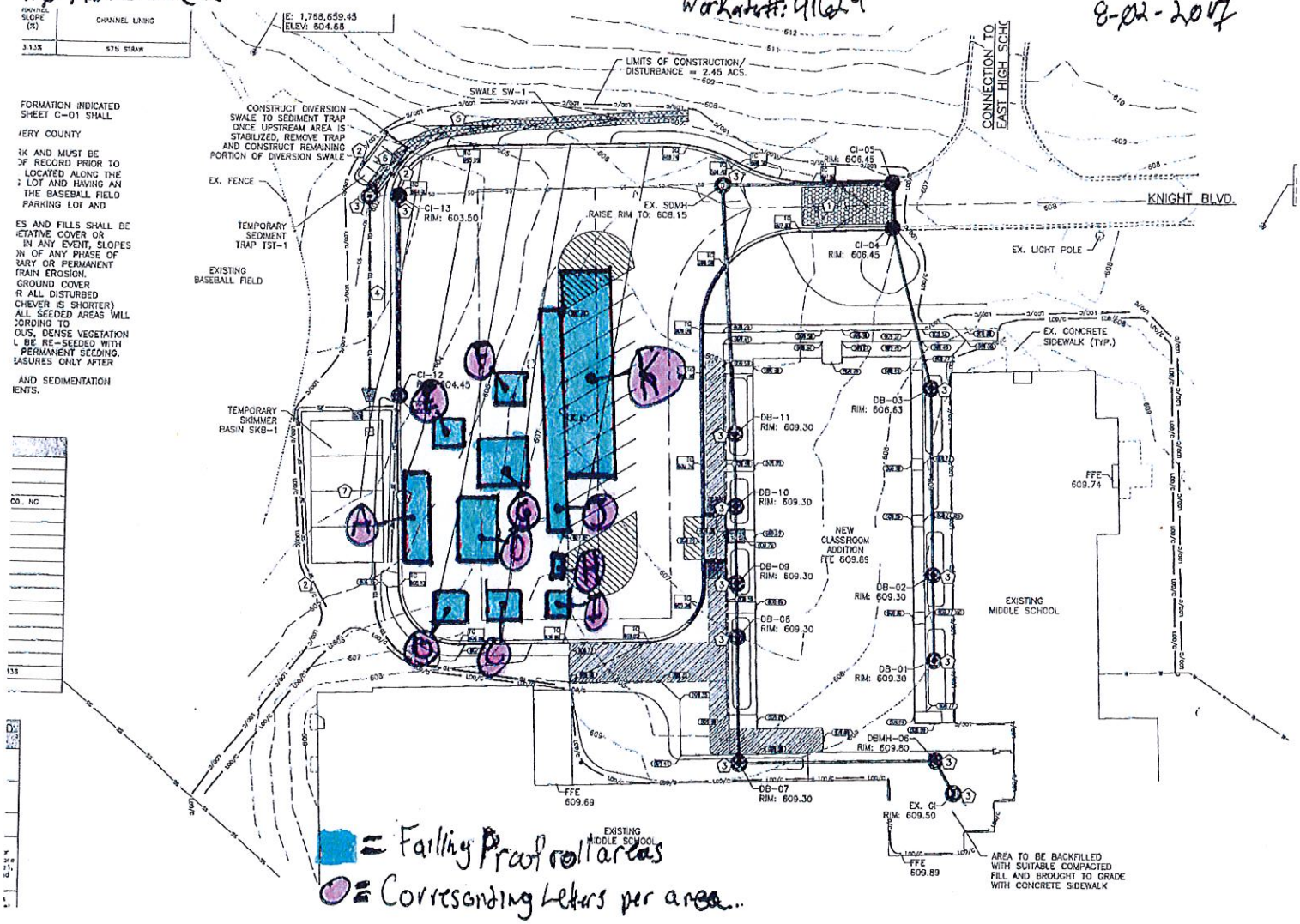
Project East Montgomery Middle School

ECS will return, as requested, to perform additional services.

East Middle School
12of marlins maze.

Project#: 41029
Workorder#: 41629

Thomas W Scott
8-02-2017



FORMATION INDICATED
SHEET C-01 SHALL

ERY COUNTY

RK AND MUST BE
OF RECORD PRIOR TO
LOCATED ALONG THE
LOT AND HAVING AN
THE BASEBALL FIELD
PARKING LOT AND

ES AND FILLS SHALL BE
ETATIVE COVER OR
IN ANY EVENT, SLOPES
N OF ANY PHASE OF
ARY OR PERMANENT
RAIN EROSION.
GROUND COVER
R ALL DISTURBED
CHEVER IS SHORTER)
ALL SEEDED AREAS WILL
CORDING TO
OUS, DENSE VEGETATION
L BE RE-SEEDED WITH
PERMANENT SEEDING.
EASURES ONLY AFTER

AND SEDIMENTATION
IENTS.

= Failing Proof roll areas

= Corresponding Letters per area..

NC Registered Engineering Firm # F-1078

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Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project No.	33:4029
Report No.	33
Day & Date	Thursday 08/03/2017
Weather	84°/ Sunny
On-Site Time	6.00
Lab Time	0.00
Travel Time*	3.00
Total	9.00
Re Obs.Time	0.00

Project East Montgomery Middle School
Location Biscoe, NC
Client Montgomery County Schools - Bill Mingin
Contractor Carpenter Construction Company - Joey Carpenter

Remarks

Trip Charges* Tolls/Parking* Mileage* 140 Time of Arrival 11:45A Departure 05:45P

Chargeable Items

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on-site, as requested, to observe proof rolling of the parking lot/ Bus RW. Please see the attached sketch for details on the location.

Using a loaded, tandem-axle dump truck, the identified area was proof rolled and visible signs of pumping or rutting was observed.

ECS recommendation to remove failing soils to depths specified on each failing area. ECS representative was present to observe recommendations preformed in area indicated on sketch.

Soils quantifications are as follows;
Area "A" 75' x 53' x 1' = 147.22 cubic yards,
Area "B" 76' x 63' x 1' = 177.33 cubic yards,
Area "C" 24' x 12' x 1' = 10.66 cubic yards,
Area "D" 14' x 10' x 0.5' = 2.59 cubic yards,
Area "E" 14' x 8.5' x 0.5' = 2.20 cubic yards,

Todays Total = 340.0 Cubic Yards

NOTE: Quantified soils will be replaced with imported fill (soil).

ECS will return, as requested, to perform additional services.

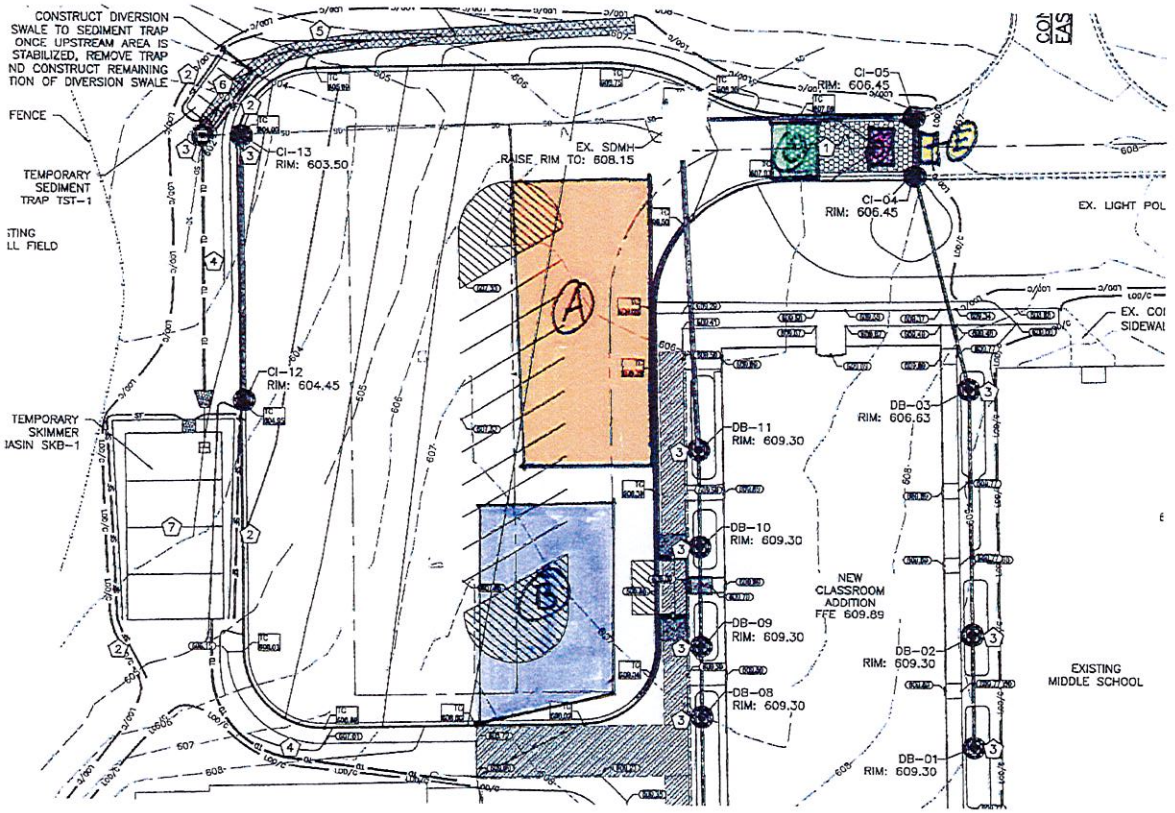
By Thomas W Scott, II, — Field Technician 1800

1063939

East Middle School.
120 Merlins Maze.

Project#: 4829
Work order#: 41714

Thomas W Scott
8-03-2017



= Area "A"

= Area "B"

= Area "C"

= Area "D"

= Area "E"