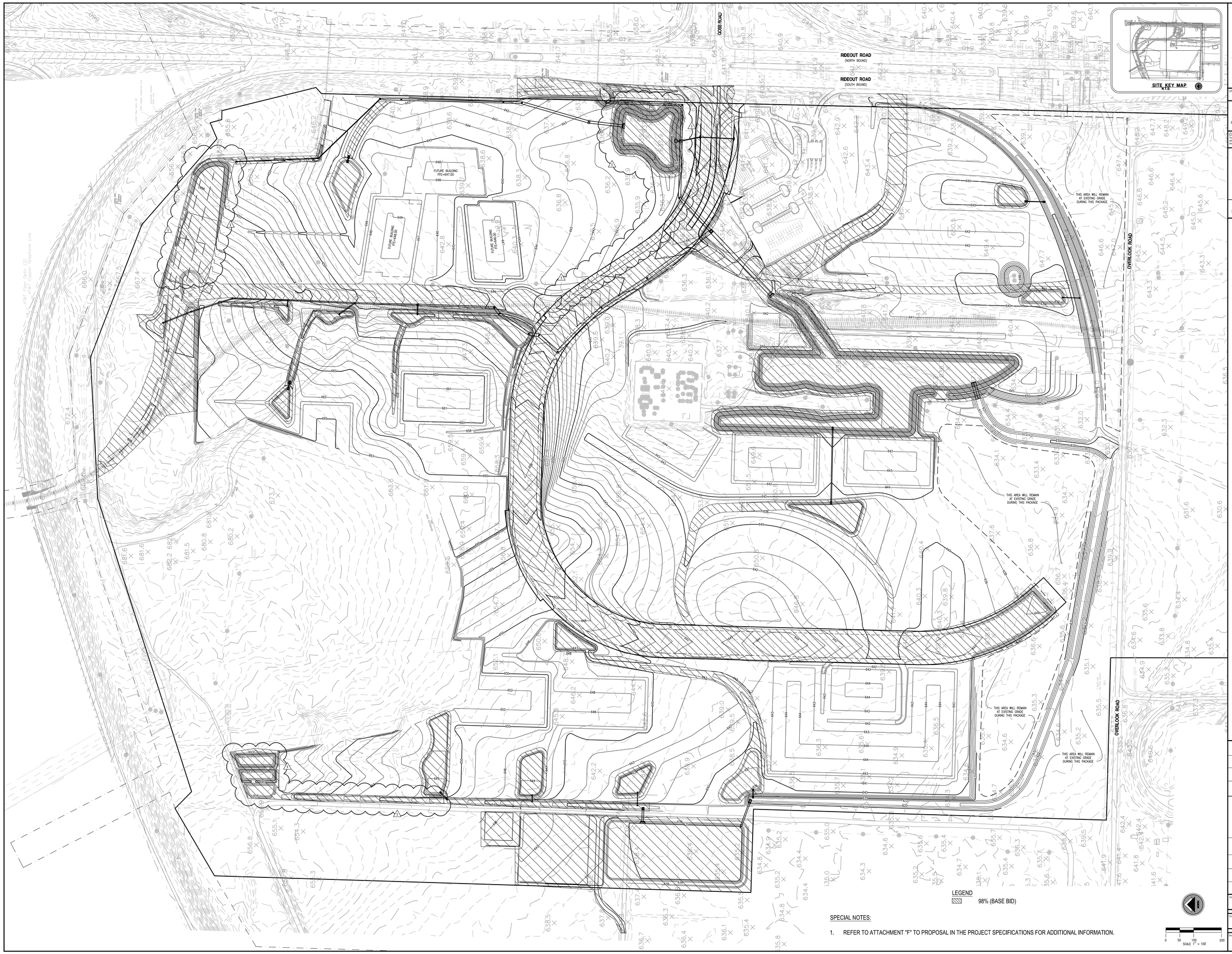

LEGEND

98% (BASE BID)

SPECIAL NOTES:

1. REFER TO ATTACHMENT "F" TO PROPOSAL IN THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

0 50 100 200
SCALE 1" = 100'

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HUNTSVILLE
The Star of Alabama

MASS GRADING COMPACTION PLAN

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	REAL ESTATE	PE	DRAINAGE
1	11/29/10	TAR	RAN	ADDENDUM #4				

Date
10/22/2010

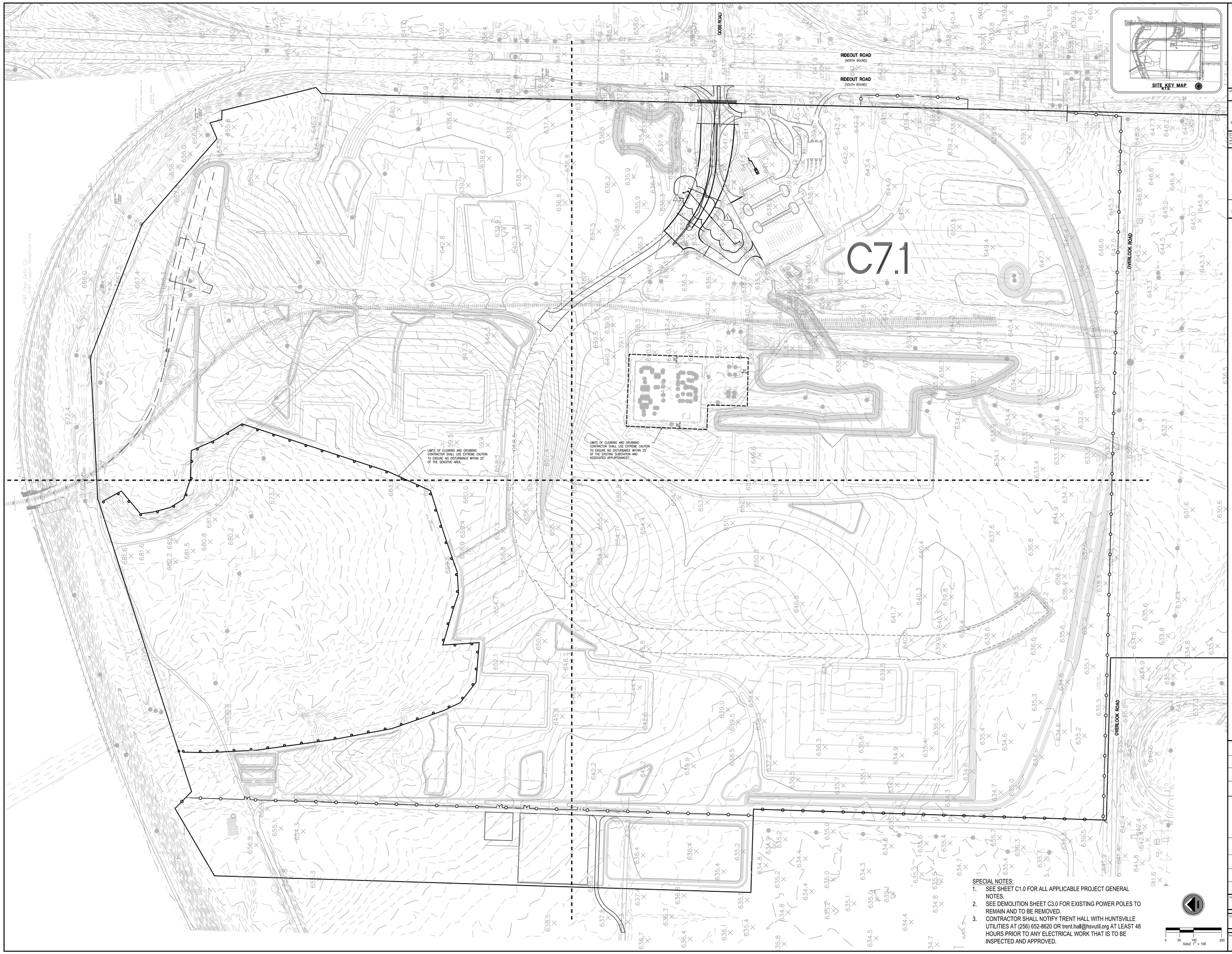
Checked By
RAN

Drawn By
BSJ

Sheet Number
C6.5

Sequence
23

Total
42



SPECIAL NOTES:

1. SEE SHEET C1.0 FOR ALL APPLICABLE PROJECT GENERAL NOTES.
2. SEE DEMOLITION SHEET C3.0 FOR EXISTING POWER POLES TO REMAIN AND TO BE REMOVED.
3. CONTRACTOR SHALL NOTIFY TRENT HALL WITH HUNTSVILLE UTILITIES AT (256) 652-8620 OR trent.hall@hsvutil.org AT LEAST 48 HOURS PRIOR TO ANY ELECTRICAL WORK THAT IS TO BE INSPECTED AND APPROVED.

0 50 100 200
SCALE 1" = 100'

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HUNTSVILLE The Heart of Alabama

OVERALL UTILITY PLAN

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	ADDENDUM #1 DESCRIPTION	TWN/C	RAN. CON. REVIEW	PE	DRAWING
1	11/29/10	TMB	RAN					

Date: 10/22/2010

Checked By: RAN

Drawn By: BSJ

Sheet Number: C7.0

Sequence: 24

Total: 42

PROPOSED GRADING IN THIS AREA. EXISTING UTILITIES MAY NEED TO BE RELOCATED IN THIS AREA. (SEE SHEETS C6.1, C6.2, AND C3.0 FOR ADDITIONAL INFORMATION)

EXISTING UNDERGROUND ELECTRICAL VAULT (TO REMAIN)

EXISTING TRAFFIC SIGNAL LOOPS (TO REMAIN)

EXISTING TRAFFIC SIGNAL (TO REMAIN)

1-2" PVC SCH 40 ELECTRICAL SLEEVE

1-6" PVC SCH 40 ELECTRICAL SLEEVE

IRRIGATION SLEEVES
1-4" PVC SCH 40
2-4" PVC SCH 40

1-2" PVC SCH 40 ELECTRICAL SLEEVE

1-3" PVC SCH 40 ELECTRICAL SLEEVE

EXISTING WATER SERVICE TO VISITOR CENTER (TO REMAIN) CONTRACTOR TO USE EXTREME CAUTION WHEN GRADING IN THIS AREA.

EXISTING UNDERGROUND ELECTRICAL SERVICE (TO REMAIN)

1-2" PVC SCH 40 ELECTRICAL SLEEVE

1-5" PVC SCH 40 ELECTRICAL SLEEVE

RELOCATED POWER POLE WITH GUY WIRE (BY CONTRACTOR)
N 1528708.09
E 403800.77

SEE INSERT BELOW FOR DETAILED INFORMATION

EXISTING SEPTIC TANKS AND FIELD LINES (TO BE REMOVED) TANKS SHALL BE PUMPED OUT PRIOR TO REMOVAL. TANK AREA SHALL BE BACKFILLED WITH COMPACTED STRUCTURAL FILL MEETING THE PROJECT SPECIFICATIONS. FIELD LINES SHALL BE REMOVED AND TRENCHES BACKFILLED WITH COMPACTED STRUCTURAL FILL MEETING THE PROJECT SPECIFICATIONS.

RELOCATED POWER POLE AND OVERHEAD POWER LINE (BY CONTRACTOR)
N 1528624.00
E 403705.64

IRRIGATION SLEEVES
1-4" PVC SCH 40
2-4" PVC SCH 40
EACH LOCATION

1-2" PVC SCH 40 ELECTRICAL SLEEVE

INSTALL GUY WIRE (BY CONTRACTOR) (POLE TO REMAIN)

1-5" PVC SCH 40 ELECTRICAL SLEEVE

RIDEOUT ROAD (NORTH BOUND)

RIDEOUT ROAD (SOUTH BOUND)

OVERLOOK ROAD

SITE KEY MAP
N.T.S.

C7.1

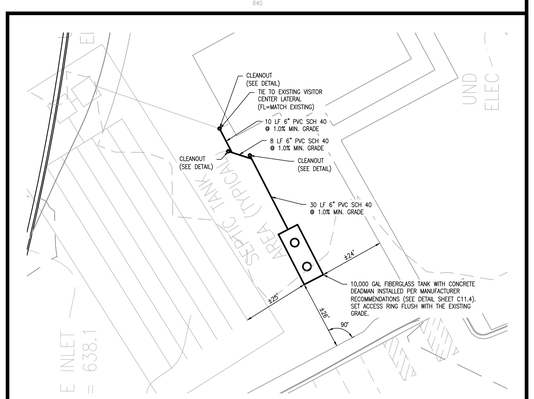
CONCRETE POLE DETAIL

NOTE:

1. FOR CONCRETE POLES USE ⅜", 7 STRAND, UTILITY OR HIGH-STRENGTH GRADE GUY WIRE.
2. FOR WOOD POLES USE ⅜", 7 STRAND, COMMON GRADE GUY WIRE.

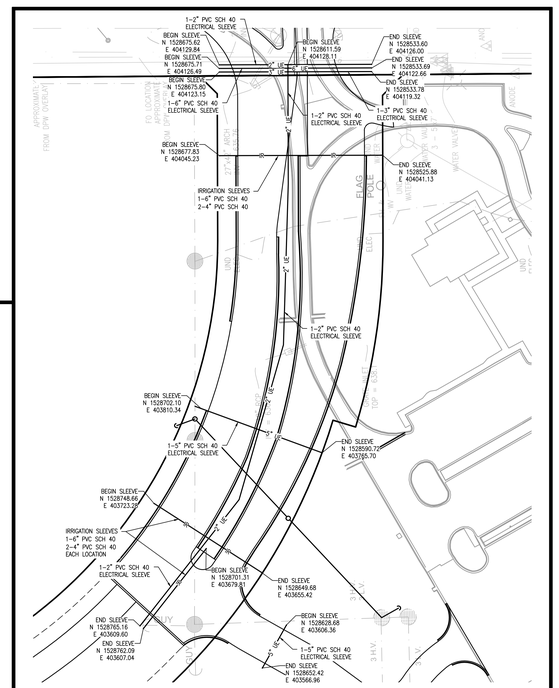
MINIMUM BREAKING STRENGTH OF STRAND:

UTILITY GRADE = 11,500 Lbs
HIGH-STRENGTH GRADE = 10,800 Lbs
COMMON GRADE = 4,250 Lbs



INSERT

SCALE: 1" = 20'



NOTE:

1. CONTRACTOR SHALL CAP AND MARK EACH CONDUIT FOR FUTURE USE.

SLEEVING PLAN

SCALE: 1" = 50'

SPECIAL NOTES:

1. SEE SHEET C1.0 FOR ALL APPLICABLE PROJECT GENERAL NOTES.
2. SEE DEMOLITION SHEET C3.0 FOR EXISTING POWER POLES TO REMAIN AND TO BE REMOVED.
3. CONTRACTOR SHALL NOTIFY TRENT HALL WITH HUNTSVILLE UTILITIES AT (256) 652-8620 OR trent.hall@hsvutil.org AT LEAST 48 HOURS PRIOR TO ANY ELECTRICAL WORK THAT IS TO BE INSPECTED AND APPROVED.
4. SEE SHEET C11.3 FOR SLEEVE DETAIL.

0 25 50 100
SCALE 1" = 50'

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11/29/2010

HUNTSVILLE The Heart of Alabama

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FLOOD CONTROL	PC	DRAINAGE
1	12/20/10	DM	BJD	ADDENDUM #4				

UTILITY PLAN
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

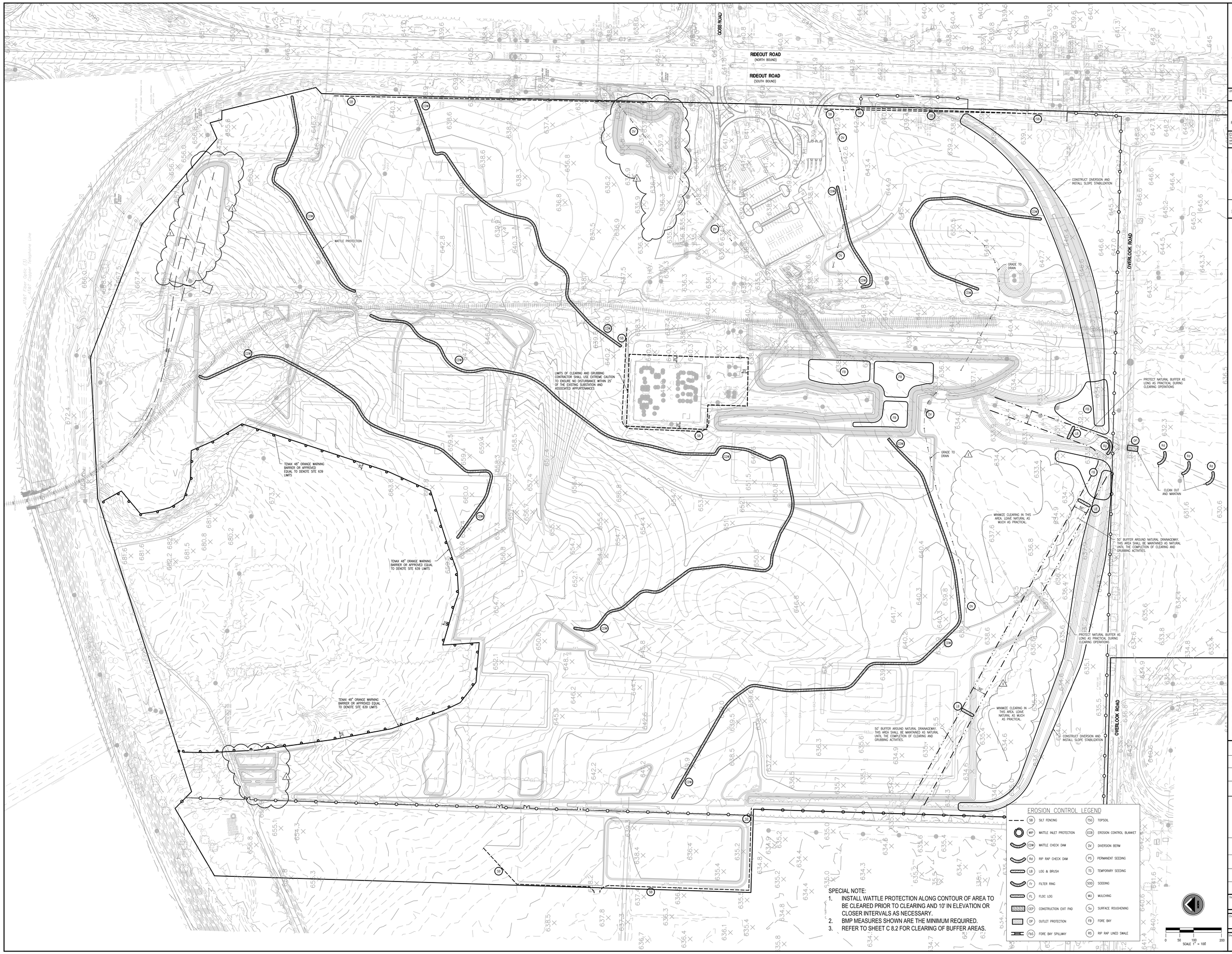
Date: 10/22/2010

Checked By: RAN

Drawn By: BSJ

Sheet Number: C7.1

Sequence: 25
Total: 42



SPECIAL NOTE:

1. INSTALL WATTLE PROTECTION ALONG CONTOUR OF AREA TO BE CLEARED PRIOR TO CLEARING AND 10' IN ELEVATION OR CLOSER INTERVALS AS NECESSARY.
2. BMP MEASURES SHOWN ARE THE MINIMUM REQUIRED.
3. REFER TO SHEET C 8.2 FOR CLEARING OF BUFFER AREAS.

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HUNTSVILLE
The Heart of Alabama

EROSION CONTROL PLAN - INITIAL PHASE
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION
1	11/29/10	TMD	RAN	ADDENDUM #1

RAN/TC	RC	ENGINEERING COST REVIEW

Date 10/22/2010

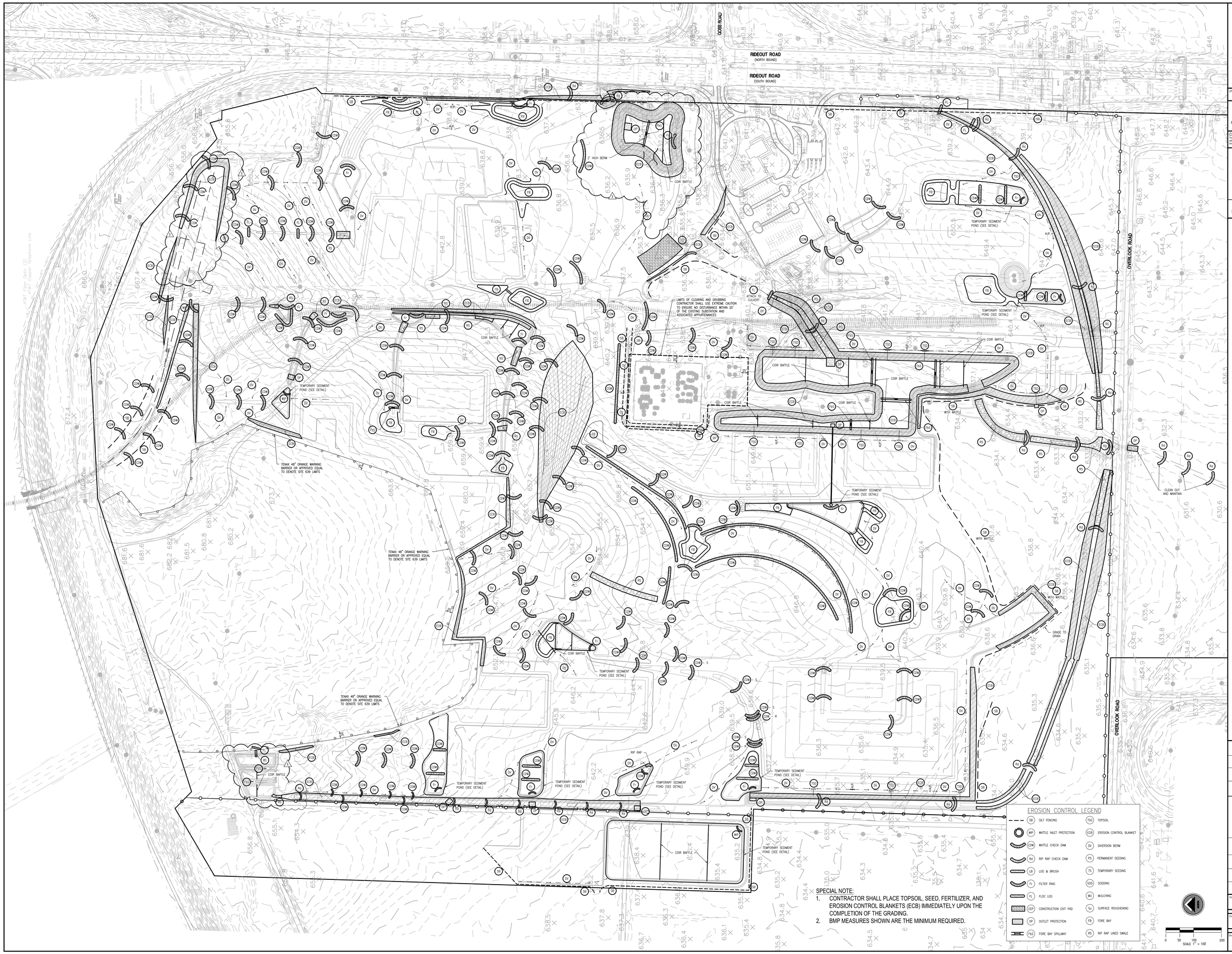
Checked By RAN

Drawn By BSJ

Sheet Number C8.1

Sequence 27

Total 42



SPECIAL NOTE:

1. CONTRACTOR SHALL PLACE TOPSOIL, SEED, FERTILIZER, AND EROSION CONTROL BLANKETS (ECB) IMMEDIATELY UPON THE COMPLETION OF THE GRADING.
2. BMP MEASURES SHOWN ARE THE MINIMUM REQUIRED.

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HUNTSVILLE The Heart of Alabama

EROSION CONTROL PLAN - INTERMEDIATE PHASE
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FCA, ESDP, REVIEW	PE	DRAWING
1	2/26/10	TKB	BJH	ADDENDUM #1				

Date: 10/22/2010

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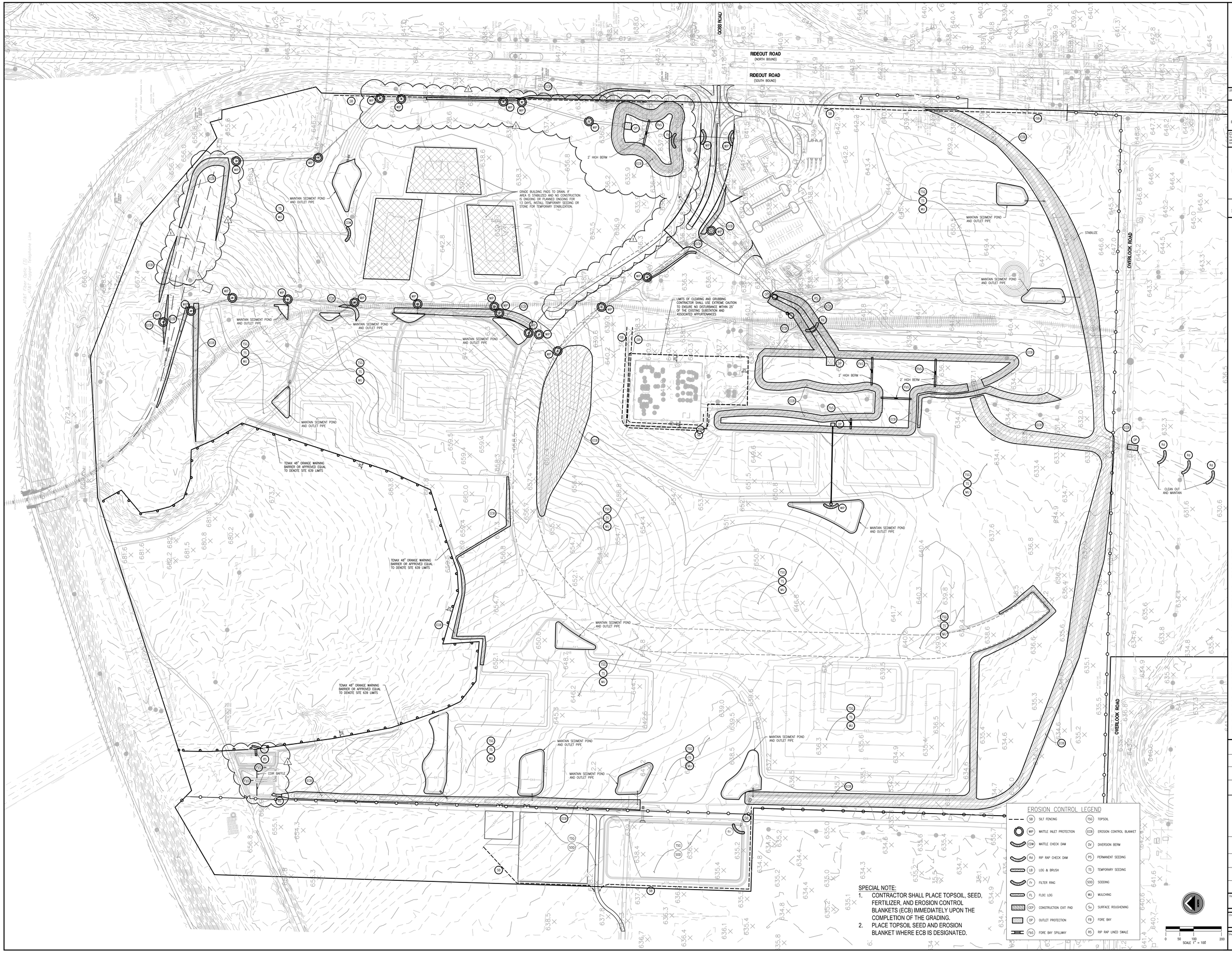
Drawn By: BSJ

Sheet Number: C8.2

Sequence: 28

Total: 42



EROSION CONTROL LEGEND

SB	SILT FENCING	TSG	TOPSOIL
WIP	WATTLE INLET PROTECTION	ECB	EROSION CONTROL BLANKET
CDW	WATTLE CHECK DAM	DV	DIVERSION BERM
RcI	RIP RAP CHECK DAM	PS	PERMANENT SEEDING
LB	LOG & BRUSH	TS	TEMPORARY SEEDING
Fr	FILTER RING	SOD	SODDING
FL	FLOC LOG	MU	MULCHING
CEP	CONSTRUCTION EXIT PAD	Su	SURFACE ROUGHENING
OP	OUTLET PROTECTION	FB	FORE BAY
FbS	FORE BAY SPILLWAY	RS	RIP RAP LINED SWALE

SPECIAL NOTE:

1. CONTRACTOR SHALL PLACE TOPSOIL, SEED, FERTILIZER, AND EROSION CONTROL BLANKETS (ECB) IMMEDIATELY UPON THE COMPLETION OF THE GRADING.
2. PLACE TOPSOIL SEED AND EROSION BLANKET WHERE ECB IS DESIGNATED.

SCALE 1" = 100

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HUNTSVILLE
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EROSION CONTROL PLAN - FINAL PHASE
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FIELD ENGR. CONT. REVIEW	FIL. ENGINEER
1	3/29/10	TKB	BJR	ADDENDUM #1			

Date: 10/22/2010

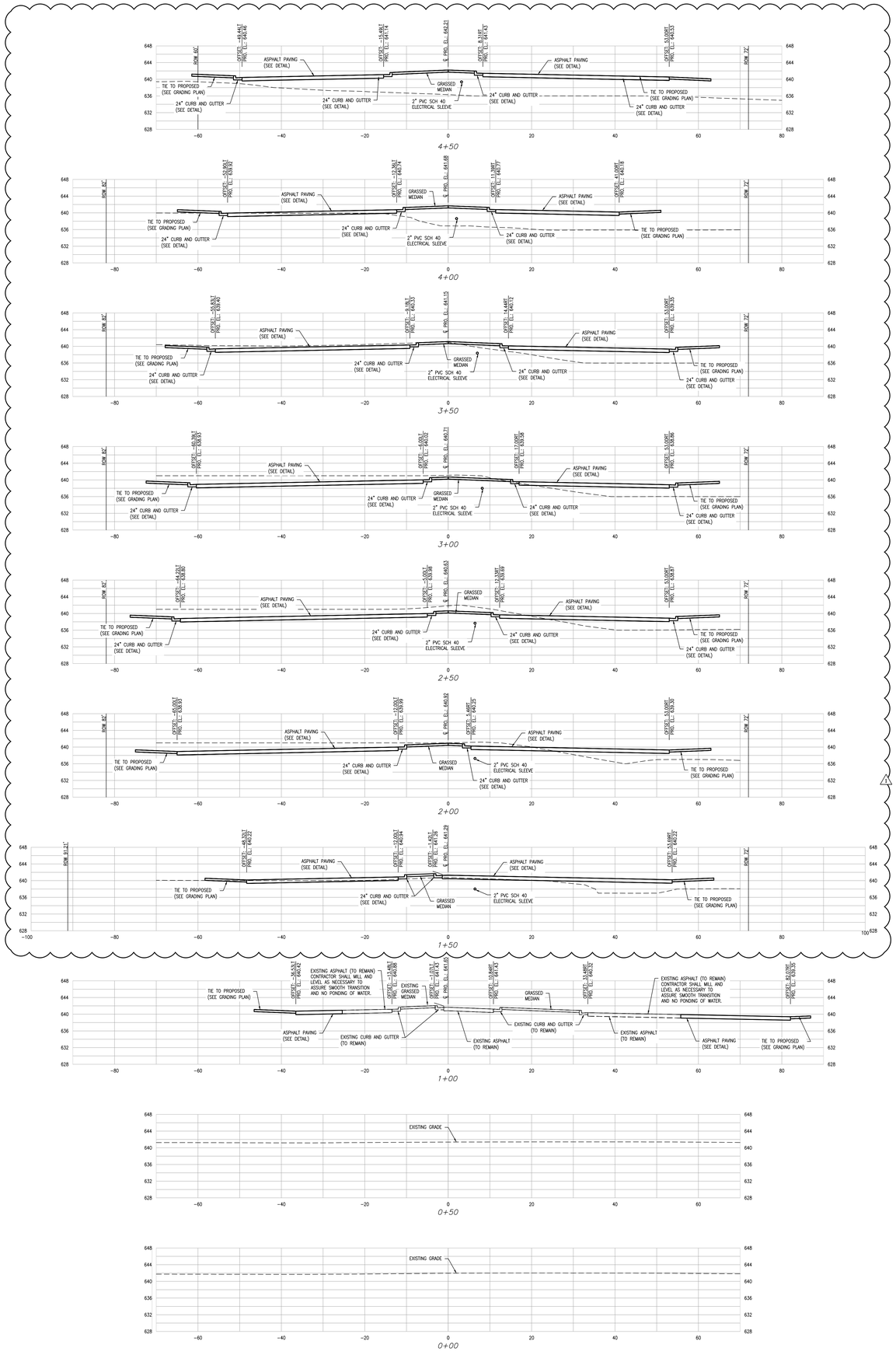
Checked By: RAN

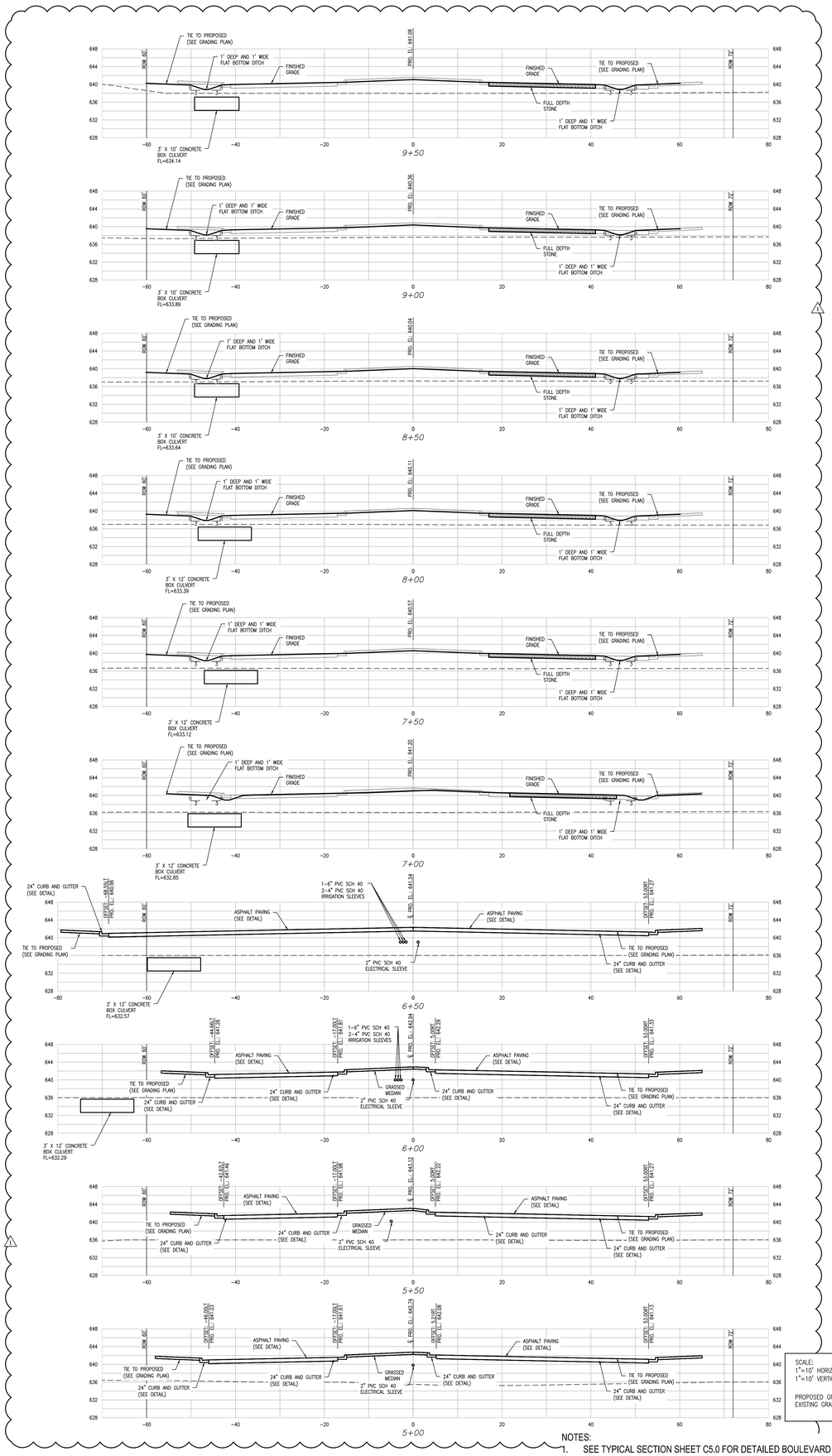
Drawn By: BSJ

Sheet Number: C8.3

Sequence: 29

Total: 42





SCALE:
1"=10' HORIZONTAL
1"=10' VERTICAL

PROPOSED GRADE
EXISTING GRADE

NOTES:
1. SEE TYPICAL SECTION SHEET C5.0 FOR DETAILED BOULEVARD "A" BUILD-UP.
2. SEE SHEETS C6.1 TO C6.4 FOR ALL PROPOSED GRADES.

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11/29/2010

HUNTSVILLE The Heart of Alabama

BOULEVARD 'A' - CROSS SECTIONS ISTA 0+00 TO STA 9+50

REDSTONE GATEWAY - PACKAGE 1A

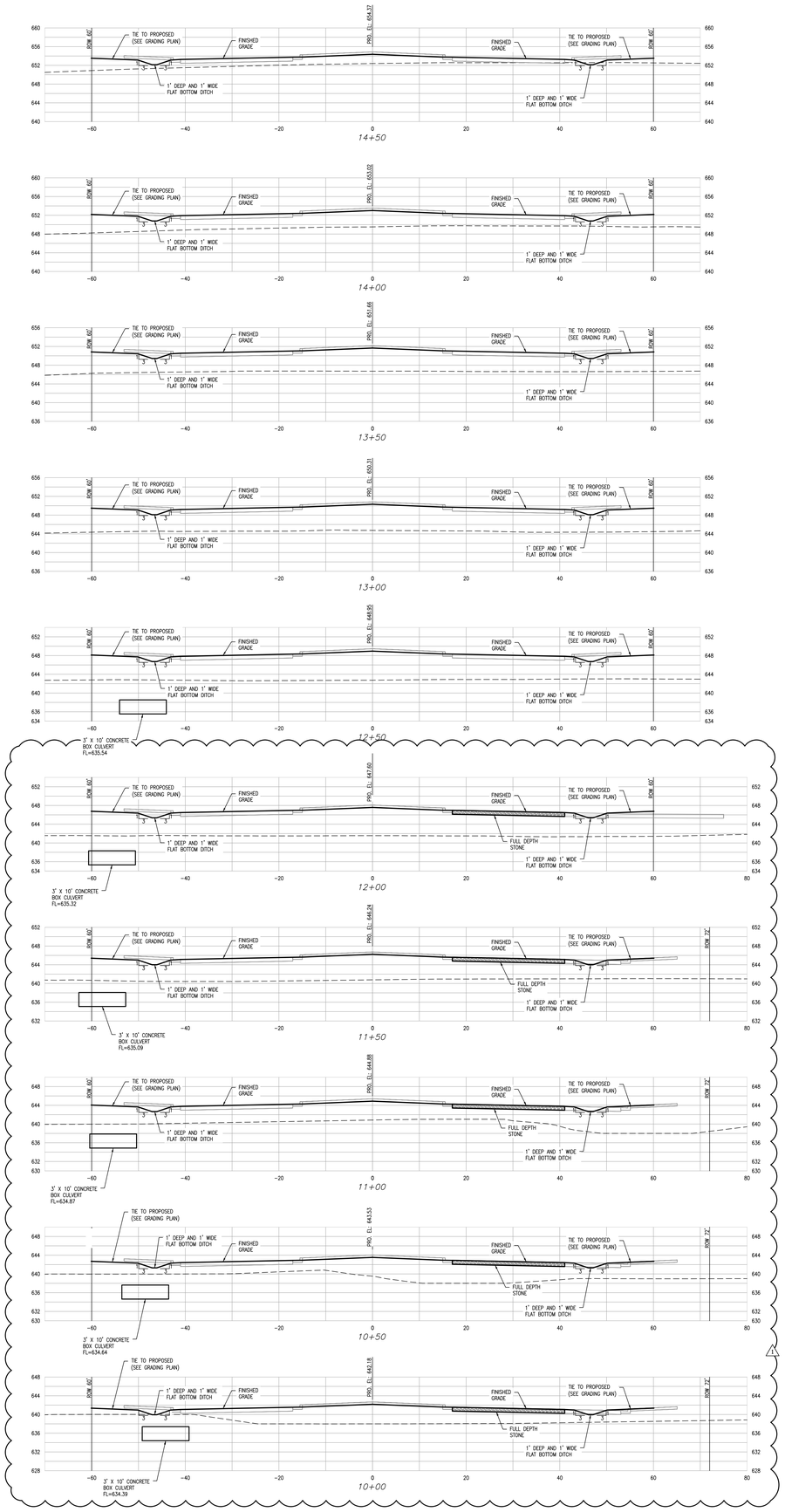
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

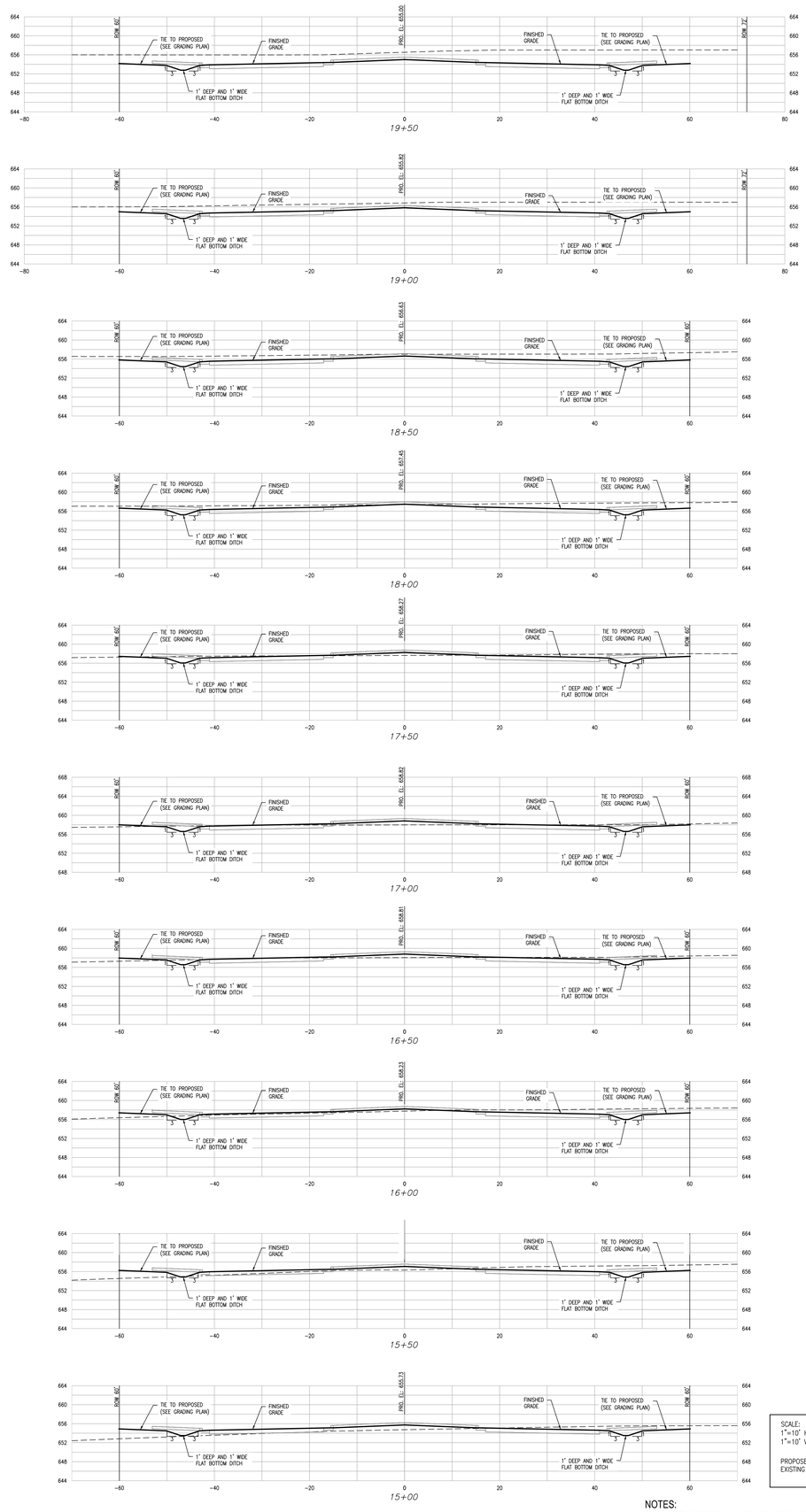
REV	DATE	DRAWN	CHECKED	DESCRIPTION	DATE	DWG. CH. REVIEW	FS	DWNGS
1	11/29/10	TJB	BSR	ADDENDUM #1				

Date: 10/22/2010

Checked By: RAN
Drawn By: BSJ

Sheet Number: C9.0
Sequence: 30
Total: 42





SCALE:
1"=10' HORIZONTAL
1"=10' VERTICAL

PROPOSED GRADE ———
EXISTING GRADE - - - -

NOTES:
1. SEE SHEETS C6.1 TO C6.4 FOR ALL PROPOSED GRADES.

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11/29/2010

HUNTSVILLE
The Heart of Alabama

BOULEVARD 'A' - CROSS SECTIONS (STA 10+00 TO STA 19+50)
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FIELD ESTIMATE REVIEW	PE	DRAWING
1	11/29/10	TKB	BJW	ADDENDUM #1				

Date
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Total
42