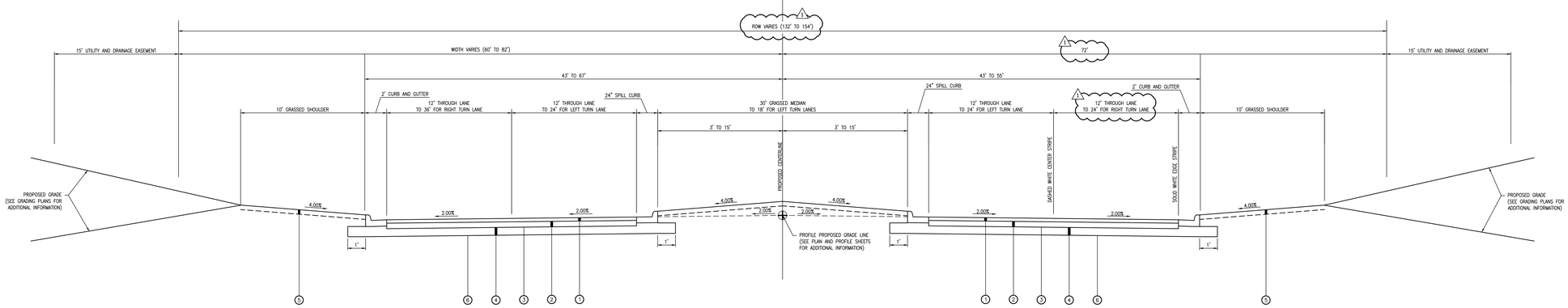
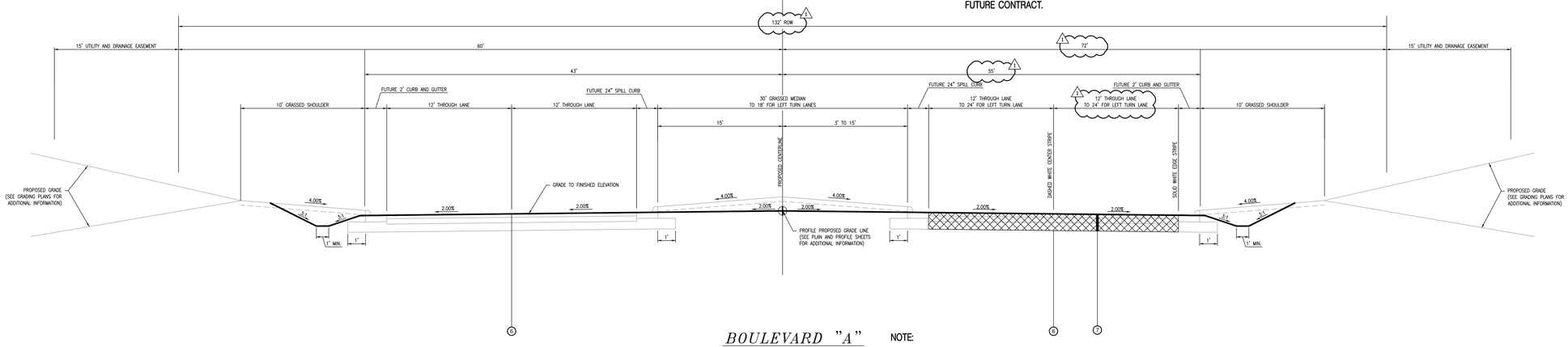


BOULEVARD "A"

STA 0+77.58 TO STA 6+75.06

SPECIAL NOTE:

1. WEARING SURFACE IS NOT IN CONTRACT EXCEPT BETWEEN STATIONS 0+77.56 AND 1+40.31, WHICH IS WITHIN RIDEOUT ROAD RIGHT OF WAY. WEARING SURFACE FOR REMAINING BOULEVARD "A" WILL BE IN FUTURE CONTRACT.

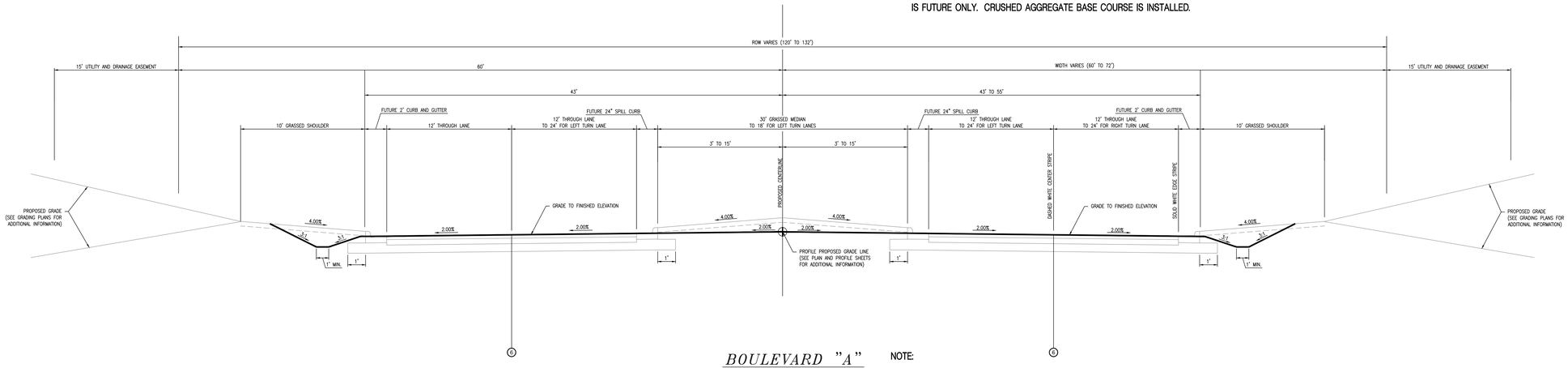


BOULEVARD "A"

STA 6+75.06 TO STA 12+26.60

NOTE:

1. ALL PROPOSED HARDSCAPE SHOWN FOR STA 6+75.06 TO STA 12+26.60 IS FUTURE ONLY. CRUSHED AGGREGATE BASE COURSE IS INSTALLED.

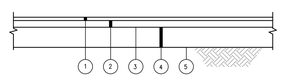


BOULEVARD "A"

STA 12+26.60 TO STA 40+25.00

NOTE:

1. ALL PROPOSED HARDSCAPE SHOWN FOR STA 12+26.60 TO STA 40+25.00 IS FUTURE ONLY. CONTRACTOR SHALL GRADE TO FINISHED GRADE. SEE MASS GRADING PLANS FOR ADDITIONAL INFORMATION.



1. SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, ½" MAX AGGREGATE SIZE MIX, ESAL RANGE A, 165 LB/SY (1.5" THICK) (ALDOT 424-A)
2. SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 1" MAX AGGREGATE SIZE MIX, ESAL RANGE A, 330 LB/SY (3.0" THICK)
3. REQUIRED TACK COAT (ALDOT 405).
4. 6" CRUSHED AGGREGATE BASE, TYPE B, PLANT MIXED, ALDOT SPEC 825.
5. SUBGRADE: TOP 12 INCHES – 98% COMPACTION (ASTM D-698).

NOTE: ALL MIX DESIGNS ARE PER THE "ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" – LATEST EDITION.

Medium Duty Asphalt Paving Section

N.T.S.

VISITOR CENTER ACCESS DRIVE

STA 0+00 TO END

BOULEVARD "A" REQUIRED MATERIALS LEGEND

LEGEND	ITEM	ITEM DESCRIPTION
1	424-A	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, ½" MAX AGGREGATE SIZE MIX, ESAL RANGE A, 165 LB/SY (1.5" THICK) (ONLY BETWEEN STA 0+77.56 O STA 1+40.31)
2	424-A	SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 1" MAX AGGREGATE SIZE MIX, ESAL RANGE A, 550 LB/SY (5.0" THICK)
3	405-A	TACK COAT
4	825	8" CRUSHED AGGREGATE BASE, TYPE B, PLANT MIXED, 4" COMPACTED THICKNESS (2 LAYERS), ALDOT SPEC 825.
5	650A-000 650B-000	TOPSOIL(APPROXIMATELY 4" THICK) OR TOPSOIL FROM STOCKPILES(APPROXIMATELY 4" THICK)
6	210A-000 210D-000	UNCLASSIFIED EXCAVATION OR BORROW EXCAVATION
7	825	13" CRUSHED AGGREGATE BASE, TYPE B, PLANT MIXED, 4" COMPACTED THICKNESS (4 LAYERS), ALDOT SPEC 825.

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HUNTSVILLE The Heart of Alabama

BOULEVARD 'A' - TYPICAL SECTIONS

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	REAL ESTATE	PE	DRAINAGE
1	12/20/10	TKB	BJR	ADDENDUM #1				

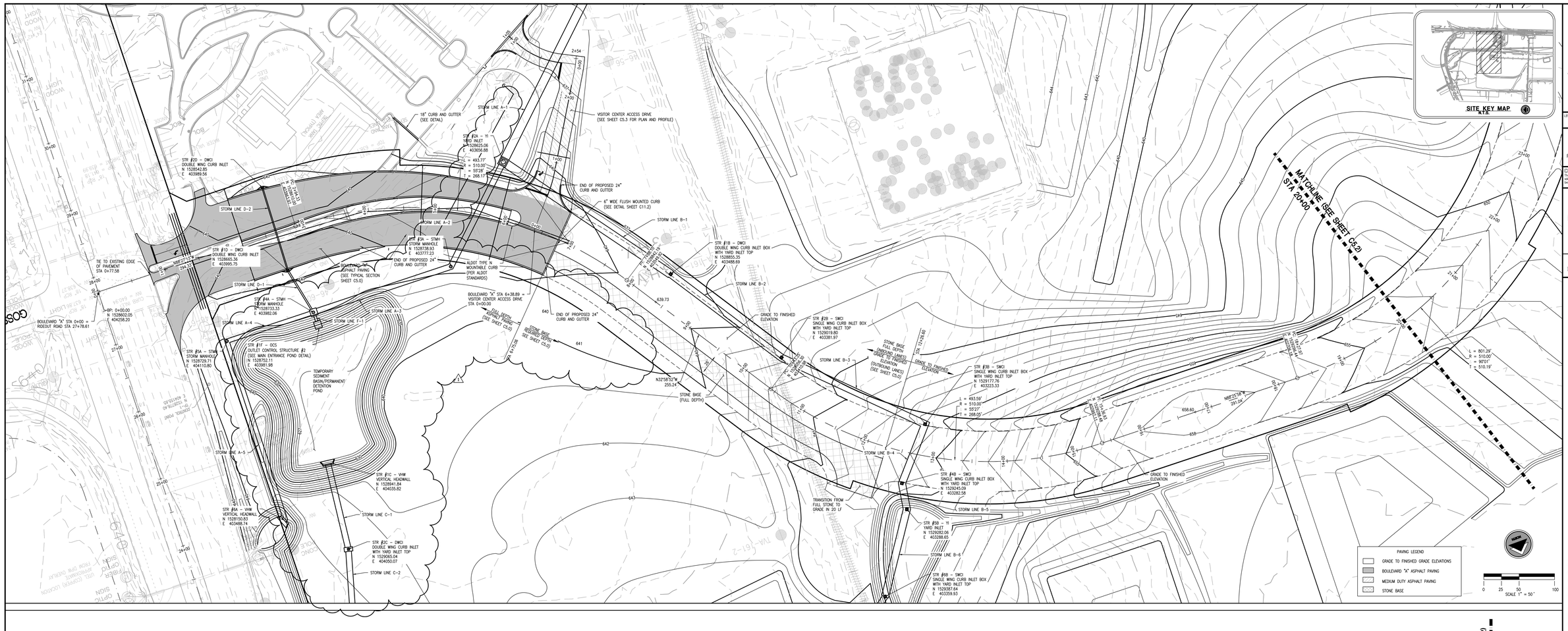
Date
10/22/2010

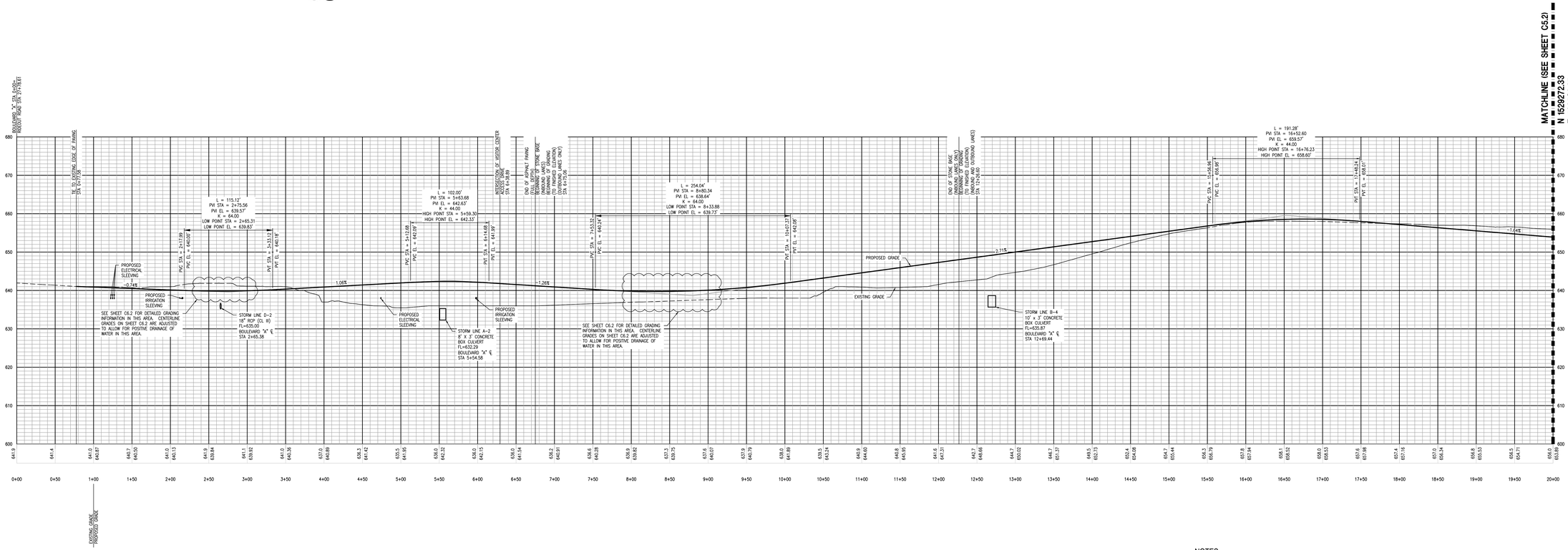
Checked By
RAN

Drawn By
BSJ

Sheet Number
C5.0

Sequence
14
Total
42





NOTES:

1. SEE SHEET C5.0 FOR THE TYPICAL SECTION INFORMATION AND THE PROPOSED GRADE POINT.
2. SEE SHEETS C6.1 THRU C6.4 AND C10.0 FOR ALL STORM DRAINAGE INFORMATION.
3. SEE SHEET C7.1 FOR ELECTRICAL AND IRRIGATION SLEEVES.
4. SEE SHEET C5.3 FOR VISITOR CENTER ACCESS DRIVE PLAN AND PROFILE.

SCALE:
1"=50' HORIZONTAL
1"=10' VERTICAL

PROPOSED FINISHED GRADE
EXISTING GRADE

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HUNTSVILLE
The Heart of Alabama

BOULEVARD'A' - PLAN AND PROFILE (STA 0+00 TO STA 20+00)

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	INIT.	DATE	CITY REVIEW	INIT.	DATE
1	11/29/10	TDO	BJO	ADDENDUM #4					

Date 10/22/2010

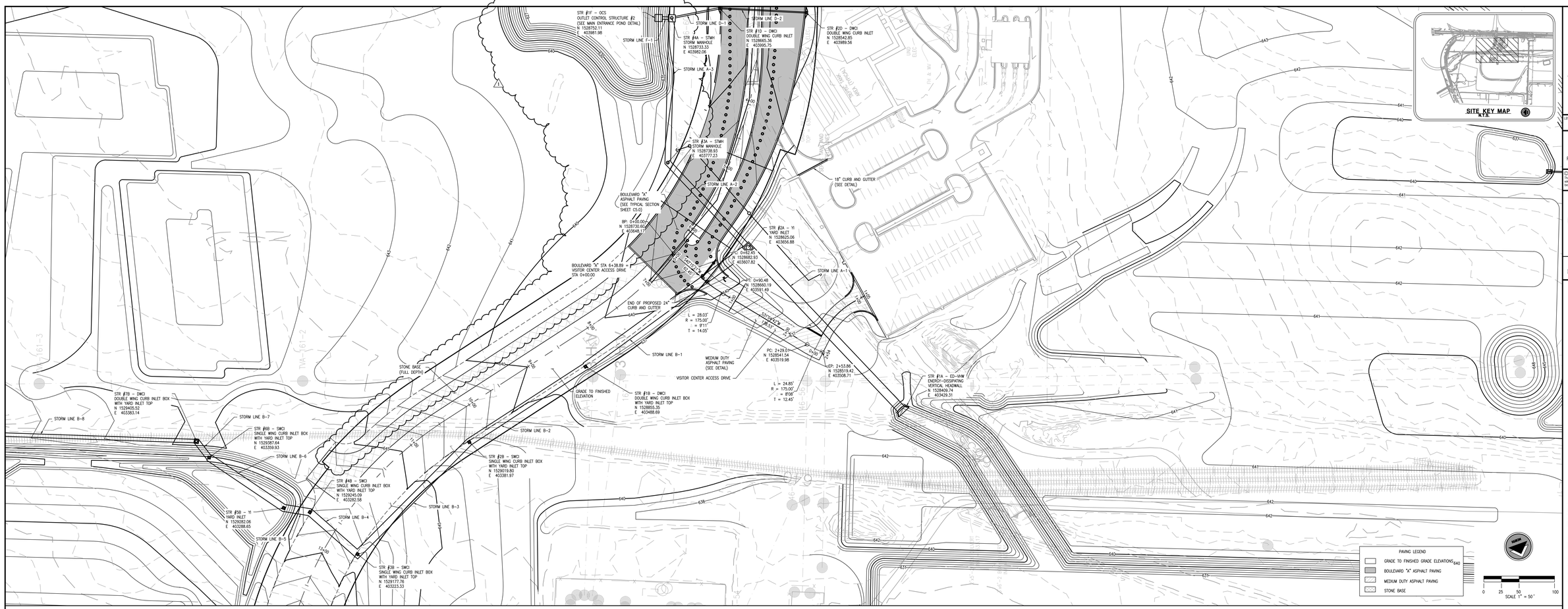
Checked By RAN

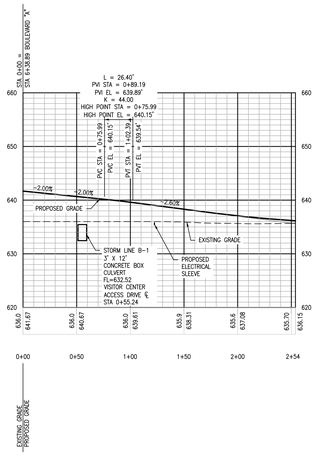
Drawn By BSJ

Sheet Number C5.1

Sequence 15

Total 42





NOTES:

1. SEE SHEET C5.0 FOR THE TYPICAL SECTION INFORMATION AND THE PROPOSED GRADE POINT.
2. SEE SHEETS C6.1 THRU C6.4 AND C10.0 FOR ALL STORM DRAINAGE INFORMATION.

SCALE:
1"=50' HORIZONTAL
1"=10' VERTICAL

PROPOSED FINISHED GRADE ————————
EXISTING GRADE – – – – – – – – – –

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HUNTSVILLE
The Heart of Alabama

VISITOR CENTER ACCESS DRIVE - PLAN AND PROFILE (STA 0+00 TO END)

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION
1	11/29/10	TGB	BGR	ADDENDUM #1

DATE	DAS CON	FS REVIEW	DRAWING

Date: 10/22/2010

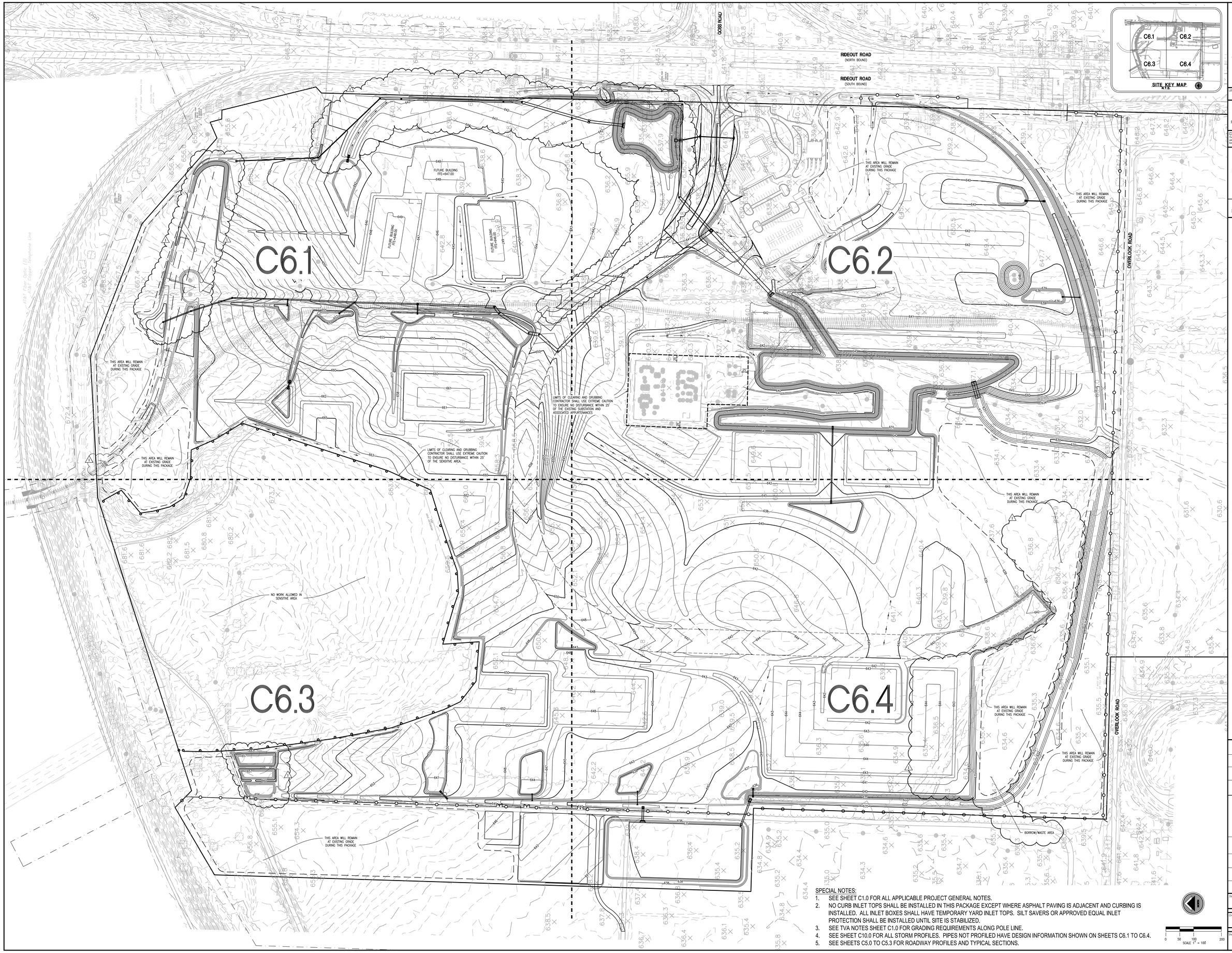
Checked By: RAN

Drawn By: BSJ

Sheet Number: C5.3

Sequence: 17

Total: 42



SPECIAL NOTES:

1. SEE SHEET C1.0 FOR ALL APPLICABLE PROJECT GENERAL NOTES.
2. NO CURB INLET TOPS SHALL BE INSTALLED IN THIS PACKAGE EXCEPT WHERE ASPHALT PAVING IS ADJACENT AND CURBING IS INSTALLED. ALL INLET BOXES SHALL HAVE TEMPORARY YARD INLET TOPS. SILT SAVERS OR APPROVED EQUAL INLET PROTECTION SHALL BE INSTALLED UNTIL SITE IS STABILIZED.
3. SEE TVA NOTES SHEET C1.0 FOR GRADING REQUIREMENTS ALONG POLE LINE.
4. SEE SHEET C10.0 FOR ALL STORM PROFILES. PIPES NOT PROFILED HAVE DESIGN INFORMATION SHOWN ON SHEETS C6.1 TO C6.4.
5. SEE SHEETS C5.0 TO C5.3 FOR ROADWAY PROFILES AND TYPICAL SECTIONS.

0 50 100 200
SCALE 1" = 100

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HUNTSVILLE The Heart of Alabama

OVERALL MASS GRADING AND STORM DRAINAGE PLAN

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	ENG. COR. REVIEW	PE	DRAINAGE
1	11/29/10	TSD	BJS	ADDENDUM #4				

Date 10/22/2010

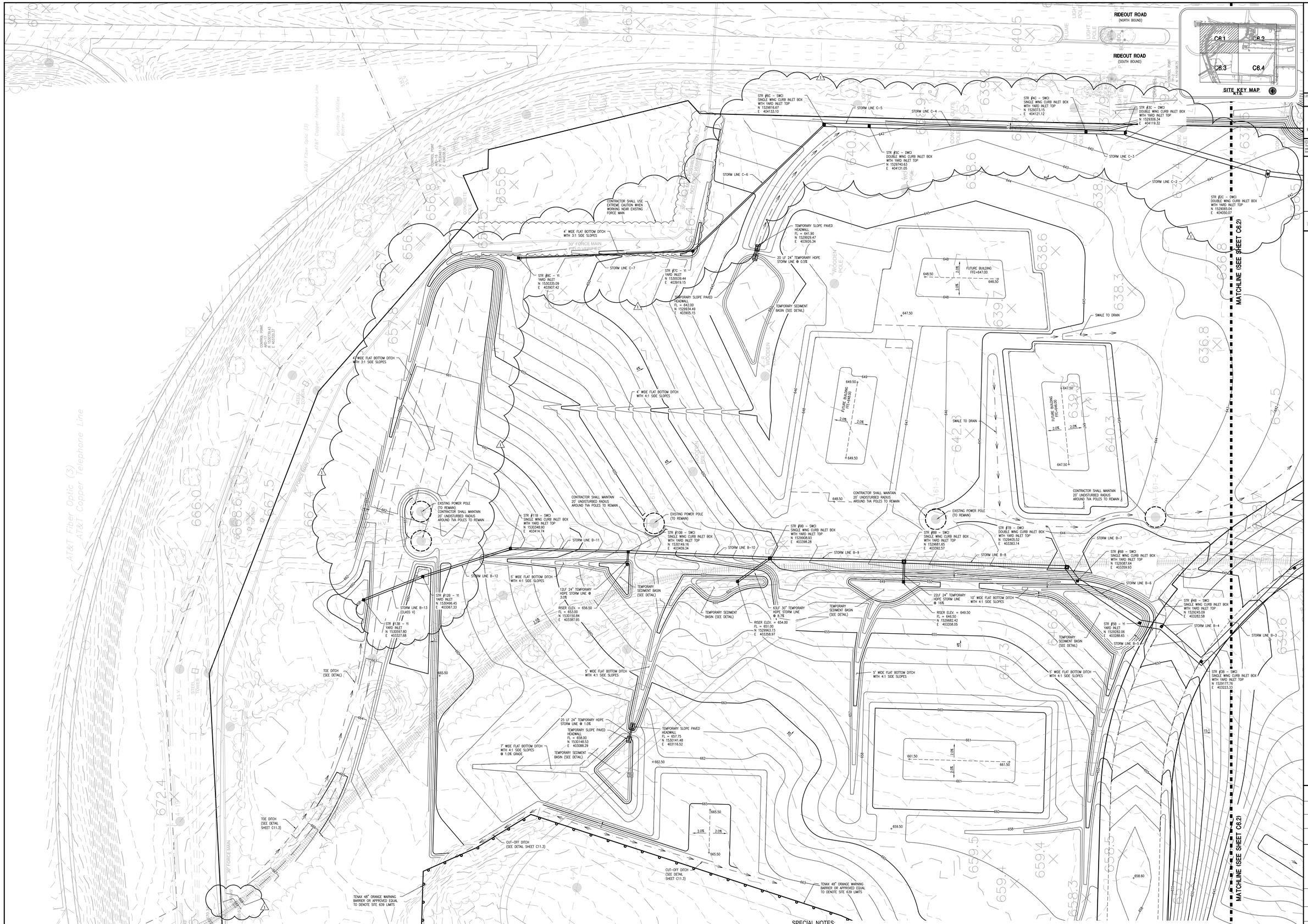
Checked By RAN

Drawn By BSJ

Sheet Number C6.0

Sequence 18

Total 42



SPECIAL NOTES:

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2. NO CURB INLET TOPS SHALL BE INSTALLED IN THIS PACKAGE EXCEPT WHERE ASPHALT PAVING IS ADJACENT AND CURBING IS INSTALLED. ALL INLET BOXES SHALL HAVE TEMPORARY YARD INLET TOPS. SILT SAVERS OR APPROVED EQUAL INLET PROTECTION SHALL BE INSTALLED UNTIL SITE IS STABILIZED.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR THE EXISTING OVERHEAD POWER LINES AND POLES AND PROVIDE A 20' RADIUS OF UNDISTURBED EARTH AROUND EACH POLE.
4. SEE TVA NOTES SHEET C1.0 FOR GRADING REQUIREMENTS ALONG POLE LINE.
5. SEE SHEET C10.0 FOR ALL STORM PROFILES. PIPES NOT PROFILED HAVE DESIGN INFORMATION SHOWN ON SHEETS C6.1 TO C6.4.
6. SEE SHEETS C5.0 TO C5.3 FOR ROADWAY PROFILES AND TYPICAL SECTIONS.
7. ALL HDPE STORM PIPES SHALL BE SMOOTH LINED HIGH DENSITY POLYETHYLENE (HDPE) WITH WATER-TIGHT JOINTS UNLESS OTHERWISE NOTED, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

0 25 50 100
SCALE 1" = 50'

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HUNTSVILLE
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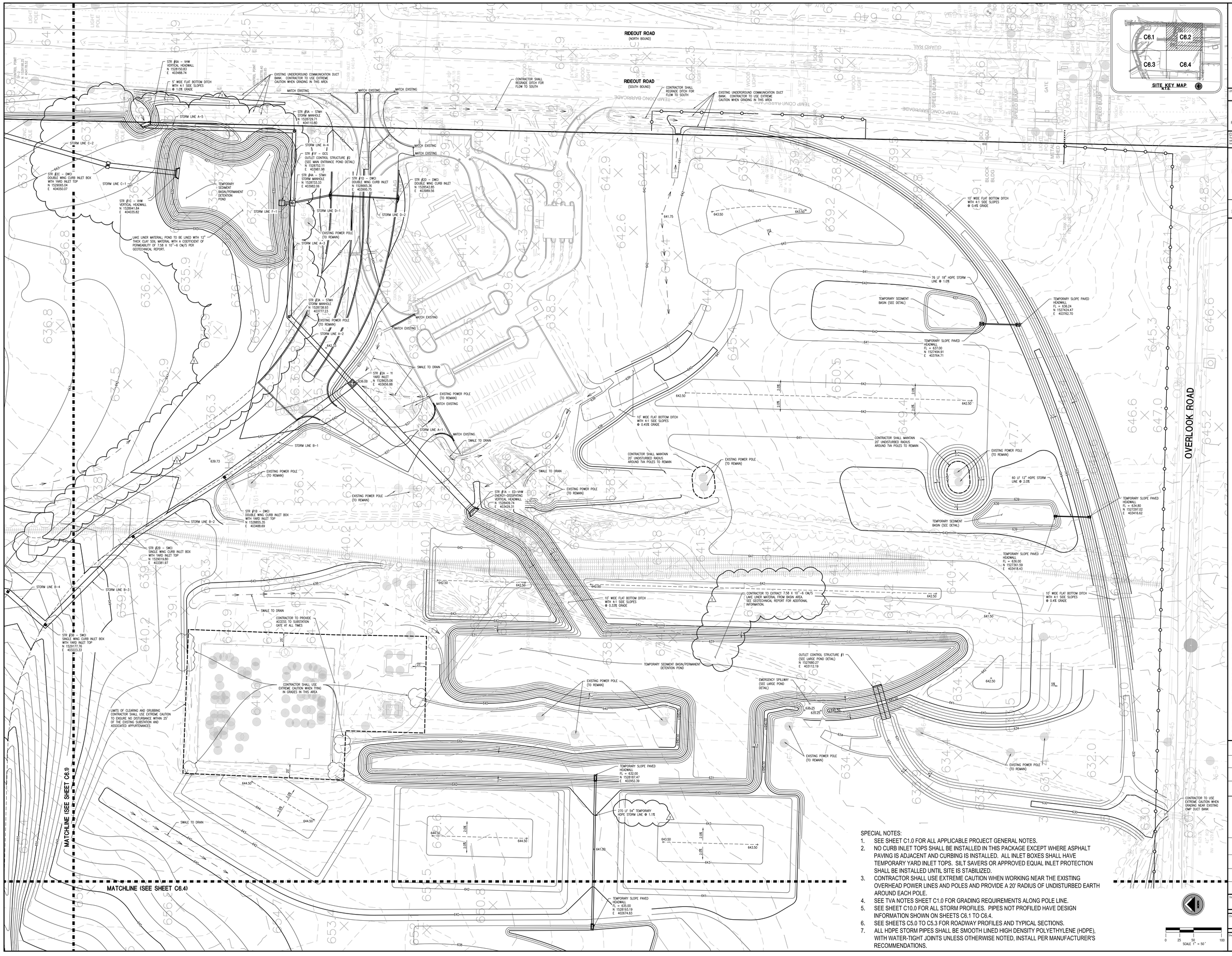
MASS GRADING AND STORM DRAINAGE PLAN
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FCA, ESDR, CDR REVIEW	PE	DRAWING
1	2/20/10	TKB	JKR	ADDENDUM #1				

Date 10/22/2010
Checked By RAN
Drawn By BSJ
Sheet Number C6.1
Sequence 19
Total 42



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5. SEE SHEET C10.0 FOR ALL STORM PROFILES. PIPES NOT PROFILED HAVE DESIGN INFORMATION SHOWN ON SHEETS C6.1 TO C6.4.
6. SEE SHEETS C5.0 TO C5.3 FOR ROADWAY PROFILES AND TYPICAL SECTIONS.
7. ALL HDPE STORM PIPES SHALL BE SMOOTH LINED HIGH DENSITY POLYETHYLENE (HDPE), WITH WATER-TIGHT JOINTS UNLESS OTHERWISE NOTED, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

SITE KEY MAP
NTS

C6.1	C6.2
C6.3	C6.4

SCALE 1" = 50'

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MASS GRADING AND STORM DRAINAGE PLAN
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	TRAFFIC	FLOOD CON. ENGINEER	PE	DRAWING
1	12/29/10	DM	RAN	ADDENDUM #1				

Date: 10/22/2010

Checked By: RAN
Drawn By: BSJ

Sheet Number: C6.2
Sheet of: 20
Total: 42

SPECIAL NOTES:

1. SEE SHEET C1.0 FOR ALL APPLICABLE PROJECT GENERAL NOTES.
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4. SEE TVA NOTES SHEET C1.0 FOR GRADING REQUIREMENTS ALONG POLE LINE.
5. SEE SHEET C10.0 FOR ALL STORM PROFILES. PIPES NOT PROFILED HAVE DESIGN INFORMATION SHOWN ON SHEETS C6.1 TO C6.4.
6. SEE SHEETS C5.0 TO C5.3 FOR ROADWAY PROFILES AND TYPICAL SECTIONS.
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HUNTSVILLE The Heart of Alabama

MASS GRADING AND STORM DRAINAGE PLAN

REDSTONE GATEWAY - PACKAGE 1A

CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

REV	DATE	DRAWN	CHECKED	DESCRIPTION	INIT.	DATE	CITY REVIEW	INITIALS
1	11/29/10	TSG	RAN	ADDENDUM #1				

Date: 10/22/2010

Checked By: RAN

Drawn By: BSJ

Sheet Number: C6.3

Sequence: 21

Total: 42