LOCATION SKETCH | Inch = 2 miles

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE CITY OF ATLANTA IN ANY WAY.THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO

SUBSECTIONS 102.04,102.05, AND 104.03 OF THE GDOT 2013 SPECIFICATIONS.

173574A-ATLANTA FALCONS STADIUM\1MY\DGN\173574A_01-001B.dgn

CITY OF ATLANTA DEPATMENT OF PUBLIC WORKS



PLAN AND PROFILE OF PROPOSED MARTIN LUTHER KING JR. DR. RELOCATION



TRAFFIC A.D.T .: FEDERAL ROUTE * N/A TRAFFIC ADT: TRAFFIC D.H.V .: DIRECTIONAL DIST: % TRUCKS:

BEGIN PROJECT

MLK JR.DR.STATION 99+57.90

BEGIN CONSTRUCTION

FUNCTIONAL CLASS: URBAN COLLECTOR

DESIGN DATA:

24 HR.TRUCKS %:

SPEED DESIGN: 35 MPH

THIS PROJECT IS 100% IN FULTON COUNTY AND IS 100% IN CONG.DIST.NO.I.

PROJECT DESIGNATION: EXEMPT DESIGNED IN ENGLISH UNITS.

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD)

STATE ROUTE * N/A PJ.NO. N/A

PREPARED BY:

DESIGN

RECOMMENDED FOR SUBMISSION BY:

END PROJECT MLK JR.DR.STATION 112+84.94 DESIGN

END CONSTRUCTION MLK JR.DR.STATION III+54.77

SUBMITTED BY:

STATE

DESIGN ENGINEER

MLK JR.DR.STATION 99+88.53

LENGTH OF PROJECT	COUNTY No. Project No.
NET LENGTH OF ROADWAY NET LENGTH OF BRIDGES	0.162 0.059
NET LENGTH OF PROJECT NET LENGTH OF EXCEPTIONS GROSS LENGTH OF PROJECT	0.221 0.000 0.203

/ Inch = 200'

DATE	CHIEF ENGINEER	
PLANS COMP	LETED	
REVISIONS		
-		
		DRAWING No.

101-001B

INDEX

DRAWINGS				
DRAWING NO.	SHEET TITLE	COMPANY/CADD PLATFORM		
01-001B	COVER SHEET	PB/Wicrostation V81		
02-001B	INDEX SHEET	PB/Microstation V8i		
03-001B	REVISION SUMMARY SHEET	PB/Microstation V8i		
04-001B	GENERAL NOTES	PB/Microstation V8i		
04-002B	LEGEND	PB/Microstation V8i		
05-001B - 05-002B	TYPICAL SECTIONS	PB/Microstation V8i		
13-001B - 13-003B	MAINLINE ROADWAY PLANS	PB/Wicrostation V81		
15-001B-15-004B	WAINLINE PROFILE	PB/Microstation V81		
19-001B - 19-003B	CONSTRUCTION STAGING PLANS (STAGE I)	PB/Microstation V81		
19-004B - 19-006B	CONSTRUCTION STAGING PLANS (STAGE 2)	PB/Microstation V8i		
19-007B - 19-009B	CONSTRUCTION STAGING PLANS (STAGE 3)	PB/Microstation V8i		
21-001A - 21-005A	CONSTRUCTION DETAILS	PB/Microstation V81		
22-001B - 22-003B	DRAINAGE PLAN & PROFILES	Long Englineering/Autocad 2014		
23-0018 - 23-0428	CROSS SECTIONS	PB/Microstation V81		
24-000B - 24-004B	UTILITY PLANS	Long Engineering/Autocad 2014		
25-001B - 25-004B	LIGHTING PLANS AND DETAILS	WRJ/Autocad 2014		
26-001B - 26-003B	SIGNING AND WARKING PLANS	PB/Microstation V81		
27-001B & 27-006B	SIGNAL PLANS & DETAILS	PB/Microstation V81		
29-0018 & 29-0128	LANDSCAPE PLANS & DETAILS	PB/Microstation V81		
31-001B	RETAINING WALL PROFILES (WALLS 1, 2 & 4)	PB/Microstation V81		
32-001B-32-003B	RETAINING WALL PLAN & PROFILE (WALLS 1, 2 & 4)	WRJ/Autocad 2014		
32-004B	RETAINING WALL SECTIONS & DETAILS (WALLS 1. 2 & 4)	WRJ/Autocad 2014		
38-001A - 38-002A	DEMOLITION PLANS	Long Engineering/Autocad 2014		
51-001A - 51-002A	EROSION AND SEDIMENT CONTROL NOTES	Long Engineering/Autocad 2014		
54-001A- 54-002A	EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE	Long Englneering/Autocad 2014		
54-003A - 54-004A	EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE	Long Englneering/Autocad 2014		
54-005A - 54-008A 56-001A - 56-003A	EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE EROSION AND SEDIMENT CONTROL DETAILS	Long Englneering/Autocad 2014 Long Englneering/Autocad 2014		

OA CTANDARD 4	ODICINAL DATE	DECORINATION OF DELLI
COA STANDARD #	ORIGINAL DATE	DESCRIPTION OF DETAIL
SS-G-FC001	11/01/04	LIGHT CASTING FRAME AND COVER FOR PRECAST SLABS
SS-G-MH001	11/01/04	MANHOLE BASE
SS-G-MS001	11/01/04	MANHOLE STEPS
SG-G-FC003	11/01/04	WATERTIGHT FRAME AND COVER
SG-G-FC002	11/01/04	SOLID FRAME AND COVER
SG-G-MH007	11/01/04	MANHOLE OVER EXISTING SEWER
WR-G-FH001	10/01/04	TYPICAL FIRE HYDRANT
WR-G-FH002	11/01/04	TYPE "A" TYPICAL FIRE HYDRANT
WR-G-ME003	11/01/04	TYPICAL METER BOX LID AND FRAME TRAFFIC TYPE
WR-G-PV001	10/01/04	TYPE I PAVEMENT REPLACEMENT
WR-G-PV002	10/01/04	TYPE II PAVEWENT REPLACEMENT
WR-G-PV003	10/01/04	TYPE III PAVEMENT REPLACEMENT
WR-G-PV004	11/01/04	SIDEWALK, CURB AND GUTTER REPAIRS
WR-G-TH004	11/01/04	TYPICAL DOWNWARD THRUST BLOCK
WR-G-TH005	11/01/04	TYPICAL HORIZONTAL THRUST BLOCK
WR-G-TH006	10/01/04	TYPICAL BLOCKING
WR-G-TROO!	10/01/04	TYPICAL WATERLINE TRENCH SECTION
WR-G-TR002	10/01/04	TYPICAL WATER MAIN BEDDING & HAUNCHING
WR-G-V8002	10/01/04	TYPICAL 4'-12' VALVE BOX ASSEMBLY
WR-G-VB003	10/01/04	TYPICAL 4'-12' VALVE BOX ASSEMBLY
WR-G-VL003	11/01/04	TYPICAL WATER MAIN AND VALVE ABANDONMENT
WR-G-VL004	11/01/04	TYPICAL DETECTOR CHECK VALVE INSTALLATION
WR-G-VMOOI	11/01/04	TYPICAL BURIED GATE VALVE BOX AND CONCRETE PAD
WR-G-VN002	10/01/04	WATER VALVE WARKER
WR-G-VT001	07/01/84	TYPICAL 4'-6' VALVE VAULT
WR-G-VT002	07/01/84	TYPICAL 6'-12' VALVE VAULT
WR-G-VT003	10/01/04	TYPICAL VALVE VAULT 16' AND LARGER VALVES
SW-G-CB008	N/A	TYPE 'B' CATCH BASIN
SW-G-CB010	09/01/85	TRIPLE CATCH BASIN TYPE 'B' (TRAPPED)
SW-G-D1001A	11/01/04	STANDARD DROP INLET
TR-B-CW001	11/01/04	PIANO - KEY STYLE STRIPED CROSSWALK
TR-B-HR002	09/01/2011	TYPE B PEDESTRIAN RAWP
TR-B-CG001	09/01/2011	CONCRETE CURB AND GUTTER
TR-B-HR001	09/01/2011	TYPE A PEDESTRIAN RAMP

NO EXCEP



LONG

INDEX SHEET

ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA CITY OF ATLANTA

NOT FOR CONSTRUCTION - MARCH 14, 2014

DATE: DSGN BY; CHK BY: 93/18/18 GPD WAH DRWN BY: AJM SCALE:

N:T-80'

FALCONS NSP
DRAWING NO.

REVISION	DRAWING NO.	DATE	REVISION	DRAWING NO.	DATE
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2. ALL DESIGN, CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE LATEST CITY OF ATLANTA STANDARDS.

3. SEWER DISTANCE SHOWN ON THE PROFILE DRAWINGS ARE FROM CENTER-TO-CENTER OF THE MANHOLE STRUCTURES AND ARE FOR LAYOUT PURPOSES ONLY. THE INVERTS SHOWN ARE THE THEORETICAL PIPE INVERTS AT THE CENTER OF THE STRUCTURE.

4. ALL REINFORCED CONCRETE SHALL CONFORM TO ASTM C76 CLASS AS NOTED ON THE CONTRACT

5. ALL PIPES ENTERING A MANHOLE WILL BE SEPARATED FROM THE MANHOLE WALL BY AN APPROVED MANUFACTURER'S BUTYL RUBBER GASKET WHICH COMPLETELY SURROUNDS THE PIPE. SEALS THE MANHOLE AND PERMITS DIFFERENTIAL MOVEMENT.

6. CLASS 'B' PIPE BEDDING SHALL BE USED IN PUBLIC RIGHT-OF-WAY UNLESS OTHERWISE NOTED ON THE CONTRACT DRAWINGS. CLASS "C" PIPE BEDDING SHALL BE USED IN ALL OTHER AREAS UNLESS

7. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ENGINEER RETAINED BY THE CITY OF ATLANTA FOR CONSTRUCTION. CONTRACTOR SHALL PROVIDE SUFFICIENT ADVANCE NOTICES OF HIS/HER WORK SCHEDULE AT EACH LOCATION SO THAT THE UTILITY COMPANIES AND THE ENGINEER MAY COMPLETE THEIR WORK WHERE REQUIRED.

8. ALL AREAS DISTURBED AND DAMAGED BY THE CONTRACTOR THAT ARE OUTSIDE THE SCOPE OF WORK AS SHOWN ON THE CONSTRUCTION PLANS SHALL BE RESTORED TO THE ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE CITY OF ATLANTA.

9. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH "THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", LATEST

10. "AS-BUILT" PLANS OF ALL NEW STORM AND SANITARY SEWERS SHALL BE FURNISHED BY CONTRACTOR PRIOR TO ACCEPTANCE OF THE WORK. "AS-BUILT" PLANS WILL BE PREPARED BY AN ENGINEER REGISTERED IN THE STATE OF GEORGIA IN ELECTRONIC (AUTOCAD) FORMAT AND HARD COPY. STANDARD PLAN AND PROFILE FROM ACTUAL FIELD SURVEY PERFORMED UNDER HIS SUPERVISION AND BEAR HIS SEAL AND SIGNATURE. ALL AS-BUILT INFORMATION SHALL BE PRESENTED WITH 1985 GEORGIA STATE PLANE COORDINATES.

II. FOR TREE REMOVAL, SEE DEMOLITION PLAN.

12. CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FROM THE CITY OF ATLANTA BUREAU OF TRAFFIC AND IF APPLICABLE, FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION PRIOR TO ANY

13. LIMIT INSTALLATION OF NEW STORM AND SANITARY SEWERS, INCLUDING TRENCH EXCAVATION TO WORK TO BE FINISHED BY CLOSE OF DAY.

14. CONTRACTOR SHALL INSTALL STEEL COVER PLATES TO PROTECT AREAS. INCLUDING DRIVES LEFT OPEN AT THE END OF EACH DAYS WORK. THE TOP OF THE STEEL COVER PLATE SHALL BE PAINTED ORANGE. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

15. CONTRACTOR SHALL LOCATE AND REFERENCE ALL WATER WETERS AND VALVES WITHIN THE CONSTRUCTION LIMITS. THE REFERENCE POINTS SHALL BE LOCATED SO THAT THE REFERENCES WILL NOT BE DISTURBED AND THE LOCATION OF THE METERS AND VALVES CAN BE RE-ESTABLISHED. A PERMANENT WRITTEN RECORD OF THE REFERENCE POINTS WILL BE FURNISHED TO THE CITY OF ATLANTA. ACCESS TO FIRE HYDRANTS WILL BE MAINTAINED AT ALL TIMES.

16. GEORGIA LAW REQUIRES THE CONTRACTOR TO NOTIFY THE UTILITIES PROTECTION CENTER 3 WORKING DAYS BEFORE BEGINNING CONSTRUCTION. THIS NOTICE WILL REMAIN IN EFFECT FOR 10 WORKING DAYS FROM THE DATE THE UTILITIES PROTECTION CENTER IS NOTIFIED. IN THE ATLANTA AREA, THE CONTRACTOR IS TO CALL THE UTILITIES PROTECTION CENTER AT 811 AND CITY OF ATLANTA BUREAU OF DRINKING WATER AT 404-658-7220.

17. THE SIDES OF ALL EXCAVATIONS SHALL BE SUFFICIENTLY SHEETED. SHORED. AND BRACED WHENEVER NECESSARY TO PREVENT SLIDES, CAVE-INS, SETTLEMENT OR MOVEMENT OF THE BANKS AND TO MAINTAIN THE EXCAVATION CLEAR OF ALL OBSTRUCTIONS. THE RESPONSIBILITY FOR CORRECTLY ASSESSING THE NEED FOR SHEETING AND ANALYZING THE STRESSES INDUCED SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR. ALL SHEETING INSTALLED FOR TRENCH EXCAVATION SHALL CONFORM TO THE LATEST CITY OF ATLANTA STANDARDS AND THE TECHNICAL SPECIFICATIONS.

18. UNLESS AND UNTIL RESPONSIBILITY FOR THIS SITE COVERED UNDER THE GENERAL PERMIT NO. GAR 100002 IS PROPERLY TERMINATED ACCORDING TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REGULATIONS, THE CONTRACTOR REMAINS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE TERMS OF THE NPDES PERMIT AND FOR ANY VIOLATIONS OF SAID

19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATIONS OF ALL STRUCTURES AND TO STAKEOUT ALL PROPOSED WORK AND FURTHER TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.

20. WIDTH OF TEMPORARY AND PERMANENT EASEMENTS ARE REFERENCED FROM THE CENTERLINE OF

21. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION WITHIN THE PROJECT SITE, WITH SPECIAL CONSIDERATION FOR SAFETY RULES AND ENVIRONMENTAL REGULATIONS ON CONFINED SPACE ENTRY IN SANITARY AND STORM SEWERS AND EXCAVATION.

22. THE CONTRACTOR MAY SUBMIT SEPARATE TRAFFIC CONTROL PLANS FOR REVIEW AND APPROVAL BY THE CITY OF ATLANTA TRANSPORTATION SERVICES OR THE GEORGIA DEPARTMENT OF TRANSPORTATION, AS APPLICABLE. PLANS SHALL SHOW COMPLETE DETAILS OF PROPOSED STREET CLOSURES, LANE CLOSURE, DETOURS, TEMPORARY TRAFFIC SIGNALS, SIGNS, AND WARNING DEVICES. SUBMITTAL SHALL BE IN THE FORM OF SCALE DRAWINGS ILLUSTRATING THE STREET SYSTEM IN THE AREA. CONTRACTOR HAS COMPLETE RESPONSIBILITY FOR THE TRAFFIC CONTROL PLANS AND MUST INCLUDE ALL COSTS IN THE LUMP SUM ITEMS FOR TRAFFIC CONTROL.

23. ALL NECESSARY BARRICADES. TEMPORARY FENCES, LIGHTING, SIGNS AND OTHER TRAFFIC CONTROL MEASURES AS MAY BE NECESSARY OR REQUIRED FOR THE PROTECTION AND SAFETY OF THE GENERAL PUBLIC SHALL BE PROVIDED, MAINTAINED AND REPLACED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PERIOD, AND SHALL BE REMOVED WHEN WORK IS COMPLETED IN THE AREA AFFECTED.

24. ALL SEDIMENT AND DEBRIS REMOVED FROM SANITARY SEWERS RESULTING FROM CLEANING OR FLUSHING OF EXISTING SEWERS SHALL BE HAULED IN APPROVED CONTAINERS TO PREVENT ODOR AND DRIPPING ALONG THE APPROVED HAUL ROUTES TO A CITY OF ATLANTA LANDFILL AND PROPERLY DISPOSED OF BY THE CONTRACTOR. CONTRACTOR SHALL OBTAIN AND PAY ALL APPLICABLE PERMITS FOR LANDFILL USE AND HAUL ROUTES.

25. CONSTRUCTION WORK NEAR EXISTING HOMES, BUILDINGS OR OTHER STRUCTURES SHALL BE PERFORMED SUCH THAT NO DAMAGE TO ANY EXISTING STRUCTURE RESULTS FROM CONTRACTOR'S OPERATIONS BEFORE, DURING, OR AFTER CONSTRUCTION. CONTRACTOR SHALL INSPECT AND DOCUMENT ALL EXISTING BUILDINGS, HOMES AND OTHER STRUCTURAL DAMAGE WHICH MAY BE CONSIDERED AS DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS. ONE COPY OF ALL CONSTRUCTION INSPECTION DOCUMENTATION SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PRE- CONSTRUCTION INSPECTION DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMISSIONS TO ACCESS

26. WHEN STREET CLOSING IS REQUIRED FOR CONSTRUCTION OF SEWERS, THE CONTRACTOR SHALL NOTIFY IN WRITING ALL THE RESIDENTS AFFECTED BY THE PROPOSED STREET CLOSING AT LEAST SEVENIT) DAYS PRIOR TO THE STREET CLOSING. THE CONTRACTOR SHALL POST SIGNS INFORMING RESIDENTS OF EXPECTED DURATION OF STREET CLOSURE. VEHICULAR ACCESS TO INDIVIDUAL PROPERTIES SHALL BE PROVIDED AND WAINTAINED AT ALL TIMES.

27. CONCRETE FOR MANHOLE BASE SLABS AND SHALLOW MANHOLES SHALL BE 4000 PSI MINIMUM HIGH EARLY STRENGTH.

PIPE MATERIAL	DEPTH OF FILL		SIZE				
	(18,	18">	6*-12*	15*-18*	24'	27'-30'	36'-72
CONCRETE (SEE CLASS SCHEDULE FOR CONCRETE CLASS)	X				X	X	X
		X			X	X	X
DUCTILE IRON CLASS 52	X		X	X	X	X	X
		X	X	X	X	X	X
VCP EXTRA STRENGTH	X		X	X	X		
		X					

28. CONTRACTOR SHALL PROVIDE PROPER SUPPORT FOR EXISTING UTILITIES THAT ARE TO REMAIN DURING CONSTRUCTION. ALL EXISTING UTILITIES, IMPROVEMENTS AND STRUCTURES THAT ARE TO REMAIN BUT ARE DAMAGED BY THE CONTRACTOR SHALL IMMEDIATELY REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR, TO APPROVAL OF RESPECTIVE UTILITY/OWNER.

29. CONTRACTOR SHALL MAINTAIN UTILITY SERVICE TO HOUSES AND BUILDINGS DURING

30. ALL MATERIALS INDICATED ON THE PLANS TO BE REMOVED SHALL BE PROPERLY DISPOSED OF OFF-

31. THE CONTRACTOR SHALL CLEARLY MARK PROPERTY CORNER MONUMENTATION AND BENCHMARKS. ANY MONUMENTATION OR BENCHMARKS DISTRIBUTED OR REMOVED SHALL BE REPLACED BY THE CONTRACTOR.

32. ALL VEGETATION (UNLESS OTHERWISE NOTED), EXISTING ASPHALT OR CONCRETE PAVEMENT, ORGANICS, AND UNSUITABLE BEARING SOILS SHALL BE STRIPED FROM THE SURFACE WITHIN THE CONSTRUCTION LIMITS AND PROPERLY DISPOSED OF OFF-SITE.

33. ALL ASPHALT AND PORTLAND CEMENT CONCRETE SURFACES ARE TO BE SAW CUT, MAKING CLEAN VERTICAL EDGES. REMOVAL OF OLD WATERIAL SHALL BE DOWN TO SUB-GRADE OR CLEAN STONE

34. SEE TYPICAL SECTION PLANS FOR PAVEMENT TYPES,

35. SANITARY SEWER LATERALS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR PROPERLY LOCATING ALL SANITARY SEWER LATERALS.

36. ALL EXISTING STORM TRAP INLETS WITHIN THE PROJECT LIMITS WILLL BE REPLACED WITH NEW CITY OF ATLANTA STANDARD DETAIL CB-4 CATCH BASINS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY INDICATED ON THE PLANS.

37. CONTRACTOR SHALL SECURELY FENCE ALL AREAS USED FOR STAGING AND STORAGE, AND ALL EXCAVATIONS THAT WAY POSE A SAFETY HAZARD TO THE GENERAL PUBLIC. ALL FENCES ARE TO HAVE

38. TOP OF MANHOLE ELEVATIONS ARE APPROXIMATE AND SHALL BE SET FLUSH WITH TOP OF PAVEMENT, 2 FEET ABOVE EXISTING GROUND IN NATURAL AREAS AND FLUSH WITH GROUND IN LANDSCAPED AREAS. REFER TO CITY OF ATLANTA DETAIL MH-13 FOR WANHOLE PLAN AND DIAMETERS

CONCRETE PIPE CLASS SCHEDULE

CONCRETE CLASS		DEPTH	OF FILL	
	(13'	14:+21:	5535.	>32
CLASS 111	X			
CLASS IV		X		
CLASS V			X	
SPECIAL DESIGN				X

MARTA CONTACTS

Track and Structures Department Philippe Thomas Chief of Structural Inspection 404-848-5410

EP&E Departmen Joe Banks Manager of Electrical Power 404-848-3735

Civil Engineering Department Danny Wright Civil Engineer VI

Roy Ovanessian Structural Engineer VI 404-848-4063 Safety and Quality Department Jana Jones

Structural Engineering Department

Construction Safety Engineer 404-848-6510

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RALPH MOORE RALPH MOORE@CORP EARTHLINK, COM 404-214-5512

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TWILSS@SOUTHERNCO.COM 404-506-0588

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BARRY LONG BARRY D.LONG@XO.COM

WINDSTREAM COMMUNICATIONS GREG SOLOMON GREG SOLOMON@WINDSTREAM.COM DATE: 03/14/14 OSGN BY GPD CHK BY: WAH DRWN RY A.IM SCALE: N.T.S. FALCONS NSP DRAWING NO.

GENERAL NOTES

ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA

ŇO.

MARCH 14, 2014

NOT FOR CONSTRUCTION -

CITY OF ATLANTA

LEGEND

RAILROAD TRACKS PROPOSED EDGE/PAVEMENT EXISTING EDGE/PAVEMENT _x__x__x__x__ EXISTING FENCE LINE -x--x--x--x--PROPOSED FENCE LINE PROPOSED CHANNEL RELOCATION EXISTING CREEK DITCH FLOW LINE PROP. 15" ø SD PROPOSED STORM DRAIN PIPE S88'42'19"E EXISTING STORM DRAIN PIPE PROP_15"Ø SS PROPOSED SANITARY SEWER PIPE- 12" AND LARGER S88'42'19"E PROP 8"ø SS PROPOSED SANITARY SEWER PIPE-6" TO 8" S88'42'19"E EXISTING SANITARY SEWER PIPE = = 30" cs = = = = EXISTING COMBINED SEWER PIPE 8"ø #/#/#/#/# EXISTING PIPE TO BE REMOVED EXISTING COMBINED SEWER STANDARD HEADWALL COA DETAIL NO. CL-1 PROPOSED TYPE "C" CATCH BASIN COA DETAIL NO. CB-1 0 EXISTING SINGLE WING CATCH BASIN 4 PROPOSED DOUBLE WING CATCH BASIN 10 EXISTING DOUBLE WING CATCH BASIN PROPOSED TYPE "B" CATCH BASIN COA DETAIL NO CB-4-SINGLE EXISTING DRAINAGE INLET PROPOSED STORM MANHOLE COA DETAIL NO'S MH-12 & MH-13 (ST) (EXISTING MANHOLE PROPOSED SANITARY SEWER MANHOLE (55) COA DETAIL NO's, MH-12 & MH-13 PROPOSED STANDARD DROP INLET COA DETAIL NO CB-3 PROPOSED GEORGIA DOT CATCH BASIN STANDARD 1033 PROPOSED GEORGIA DOT CATCH BASIN STANDARD 1034 SS#### SANITARY SEWER PIPE SYSTEM ID SD#### STORM SEWER PIPE SYSTEM ID

SSMH-## STA 99+99.99 N 1300000.0000 E 2200000.0000	CITY OF ATLANTA SANITARY SEWER STRUCTURE ID
SDMH-## STA 99+99.99 N 1300000.0000 E 2200000.0000	CITY OF ATLANTA STORM SEWER STRUCTURE ID

BH-##	BOREHOLE
0	EXISTING TREES

PROPOSED SANITARY SEWER LATERAL CONNECTION

PROPOSED TRENCHLESS INSTALLATION



PROPOSED PIPE CASING

UTILITIES (WATER)

	EXISTING WATER LINE
X X-WATER // //	EXISTING WATER LINE TO BE REMOVED / ABANDON
W	PROPOSED WATER LINE
TW	TEMPORARY WATER LINE
WM WM	EXISTING WATER METER PROPOSED WATER METER
>	EXISTING FIRE HYDRANT PROPOSED FIRE HYDRANT
WV	EXISTING WATER VALVE PROPOSED WATER VALVE
W 30"	EXISTING WATER LINE CASING PROPOSED WATER LINE CASING

UTILITIES (GAS)

EXISTING GAS LINE
EXISTING GAS LINE TO BE REMOVED
EXISTING GAS VENT
EXISTING GAS METER
EXISTING GAS VALVE
EXISTING GAS LINE CASING

UTILITIES (ELECTRICAL)

OHP	EXISTING ELECTRIC POWER OVERHEAD
— XOHP— X	EXISTING ELECTRIC POWER OVERHEAD TO BE REMOVED
—UGP	EXISTING ELECTRIC POWER UNDERGROUND
X - UGP X	EXISTING ELECTRIC POWER UNDERGROUND TO BE REMOVED
-0-	EXISTING ELECTRIC POWER POLE
	EXISTING GUY ANCHOR
E	EXISTING ELECTRIC BOX/MANHOLE
\rightarrow	EXISTING LIGHT POLE

UTILITIES (TELEPHONE/CABLE TV)

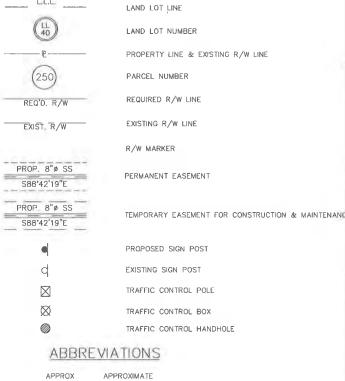
OHT	EXISTING TELEPHONE OVERHEAD
— X — OHT — X —	EXISTING TELEPHONE OVERHEAD TO BE REMOVED
UGT	EXISTING TELEPHONE UNDERGROUND
——XUGT——X	EXISTING TELEPHONE UNDERGROUND TO BE REMOVED
TV	EXISTING CABLE TV OVERHEAD
	EXISTING CABLE TV OVERHEAD TO BE REMOVED
CABLE	EXISTING CABLE TV UNDERGROUND
——————————————————————————————————————	EXISTING CABLE TV UNDERGROUND TO BE REMOVED
	EXISTING TELEPHONE POLE
0	EXISTING TELEPHONE MANHOLE
T	EXISTING TELEPHONE PED
M	EXISTING TELEPHONE MARKER
•	AT&T DISC

UTILITIES (FIBER OPTIC)

——UFC——UFC ——	EXISTING FIBER OPTIC LINE

MISCELLANEOUS

L.L.L.



APPROX AVE BH BSMT BLDG CB	APPROXIMATE AVENUE BOREHOLE BASEMENT BUILDING CATCH BASIN
COA CONC CS C D B	CENTERLINE CITY OF ATLANTA CONCRETE COMBINED SEWER CUT DEED BOOK DIAMETER
DI DIM E ELEV EX	DROP INLET DIMENSION EAST ELEVATION EXISTING
EXIST FH F '/FT	EXISTING FIRE HYDRANT FILL FFFT
ĞM GV GUM HORIZ HW	GAS METER GAS VALVE SWEET GUM TREE HORIZONTAL HEADWALL
HWD ID "/IN INV LAT	HARDWOOD TREE IDENTIFICATION INCH INVERT ELEVATION LATERAL
L F. LL L.L.L. MH MON	LINEAR FEET LAND LOT LAND LOT LINE MANHOLE MONUMENT
N N/F NO OHP OHT	NORTH NOW OR FORMERLY NUMBER OVERHEAD POWER OVERHEAD TELEPHONE
PG ? POP PROP. R	PAGE PROPERTY LINE POPLAR TREE PROPOSED RADIUS
REQ'D. REV R/W S SD	REQUIRED REVISION RIGHT-OF-WAY SOUTH STORM SEWER
SS SHT SPECS SSMH SDMH	SANITARY SEWER SHEET SPECIFICATIONS SANITARY SEWER MANHOLE STORM SEWER MANHOLE
STA STD. TEMP TW	STATION STANDARD TEMPORARY TEMPORARY WATER LINE TELEVISION
TOP TYP UGP UGT	TOP OF STRUCTURE TYPICAL UNDERGROUND POWER UNDERGROUND TELEPHONE
VERT W WM WV	VERTICAL WEST WATER METER WATER VALVE



LEGEND

DATE:

DSGN BY:

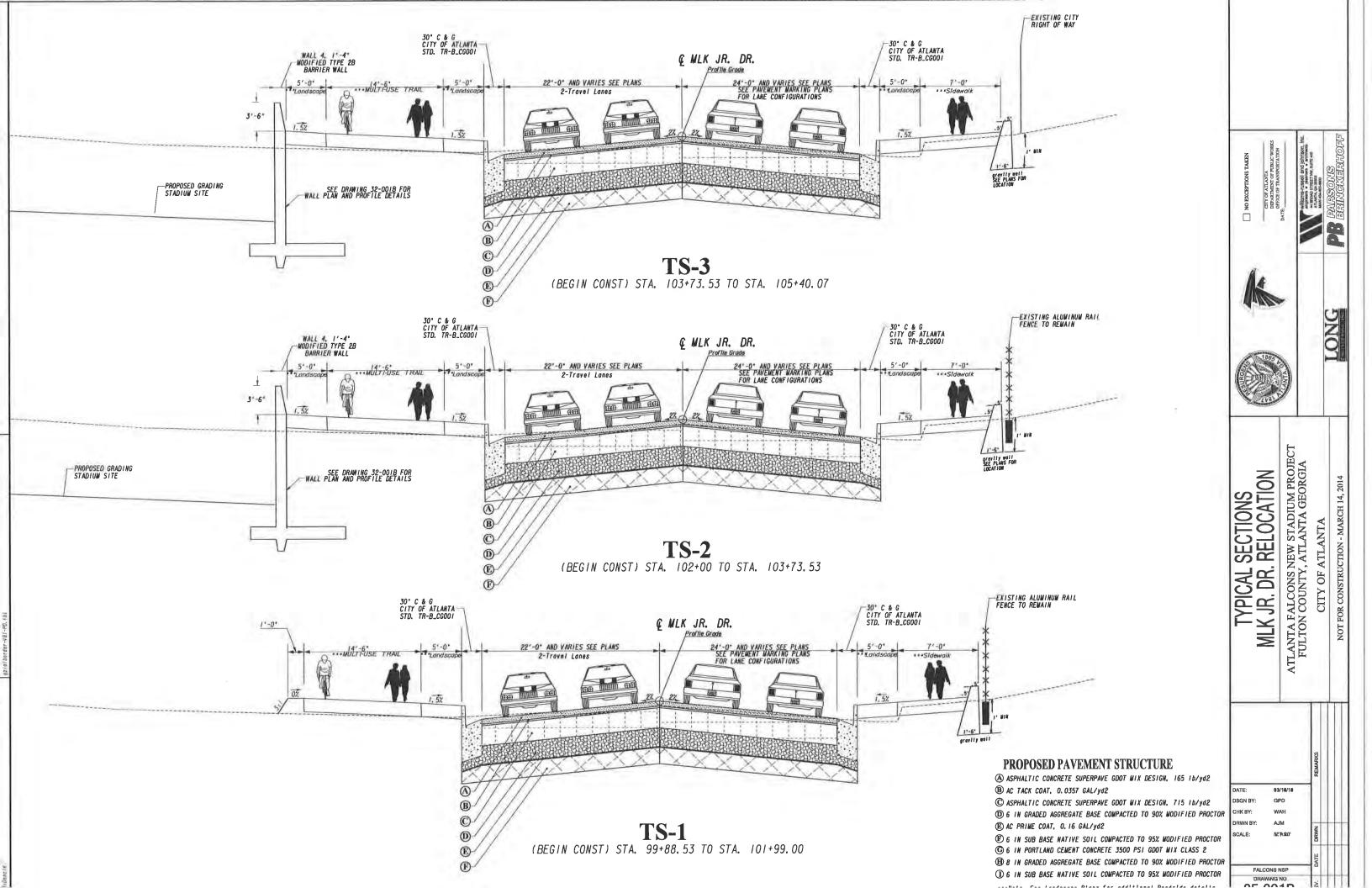
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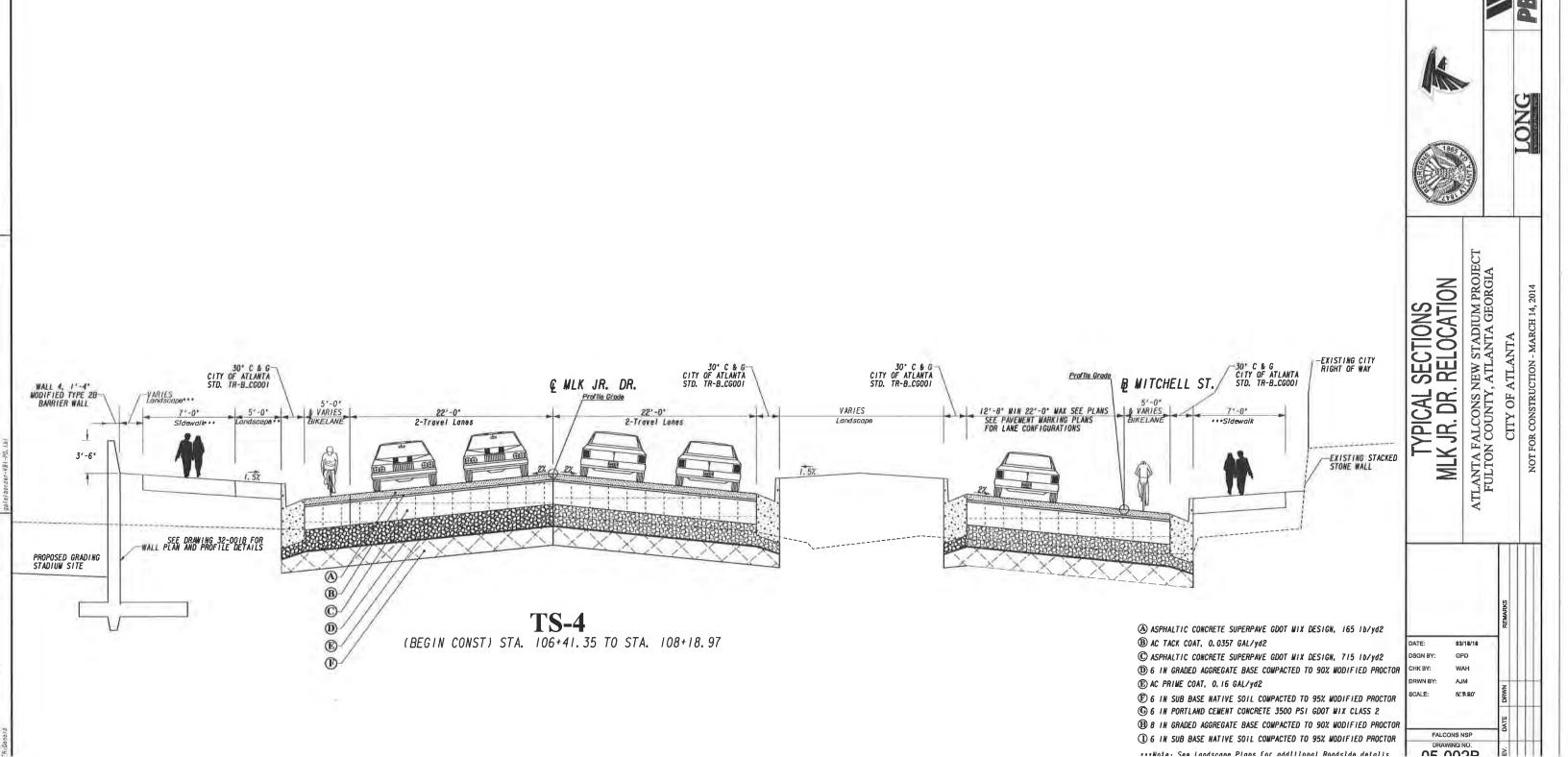
ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA CITY OF ATLANTA

NOT FOR CONSTRUCTION - MARCH 14, 2014

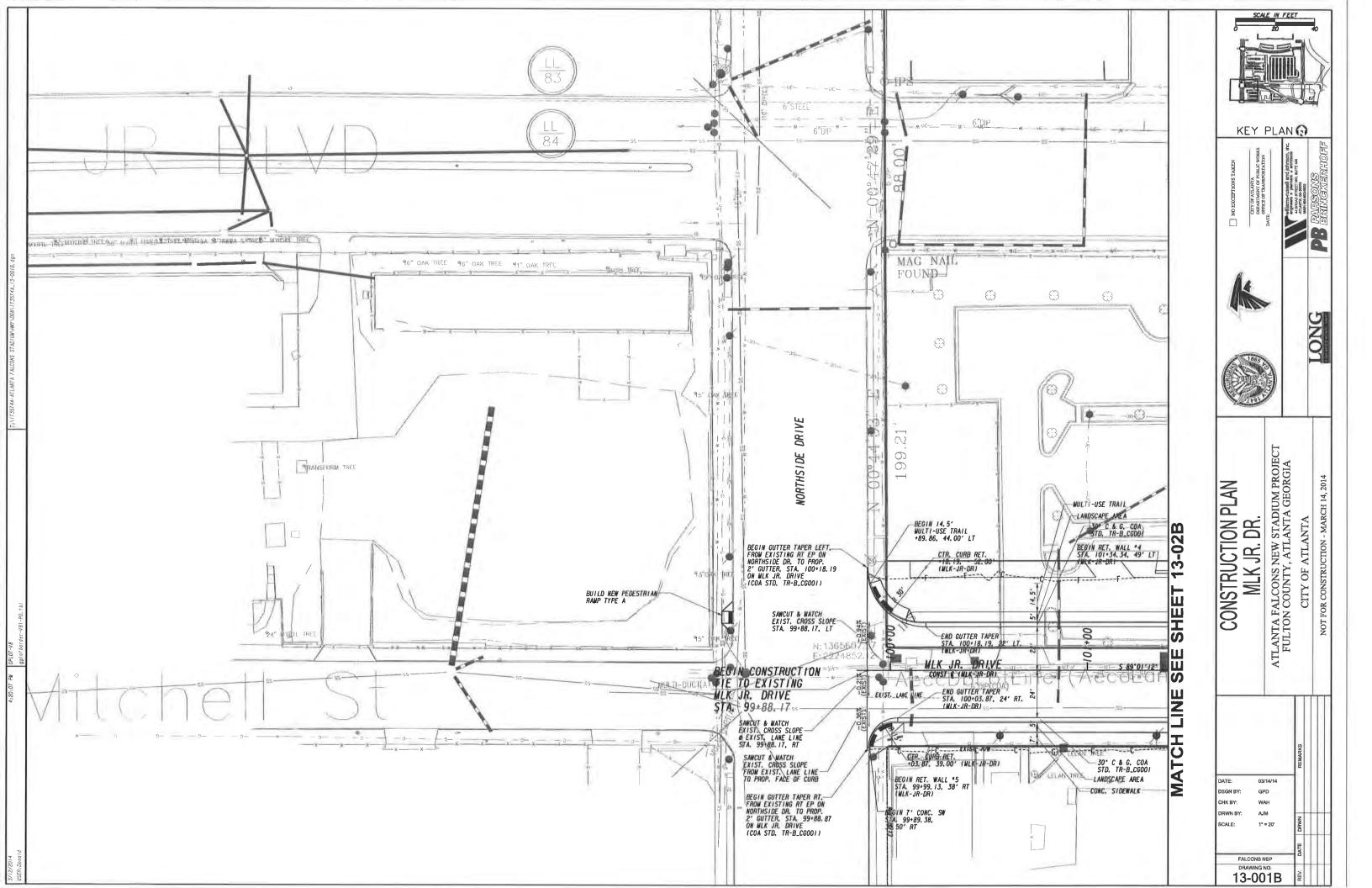
03/14/14 GPD WAH AJM N.T.S.

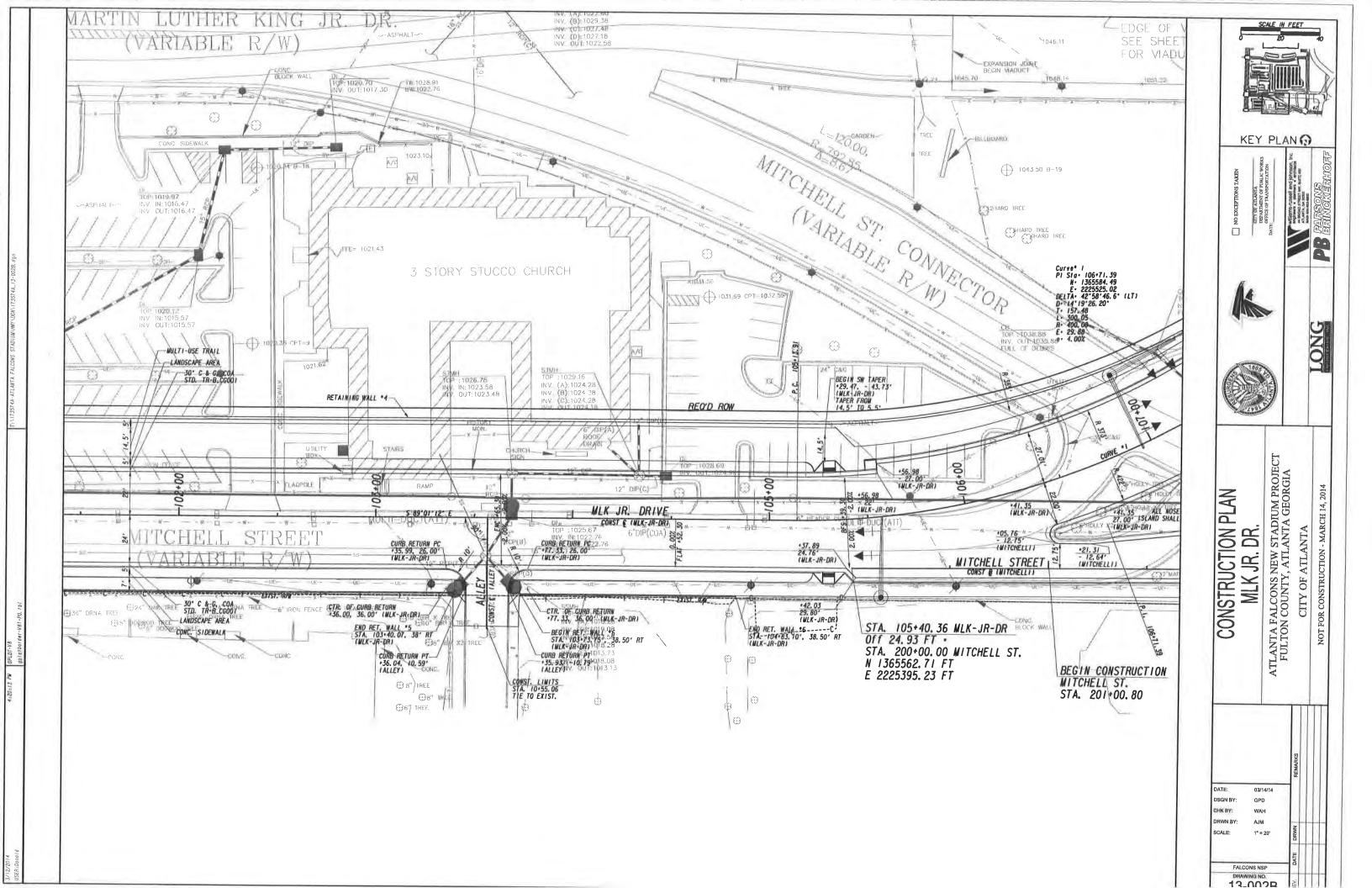
CHK BY: DRWN BY: SCALE: FALCONS NSP DRAWING NO 04 0000

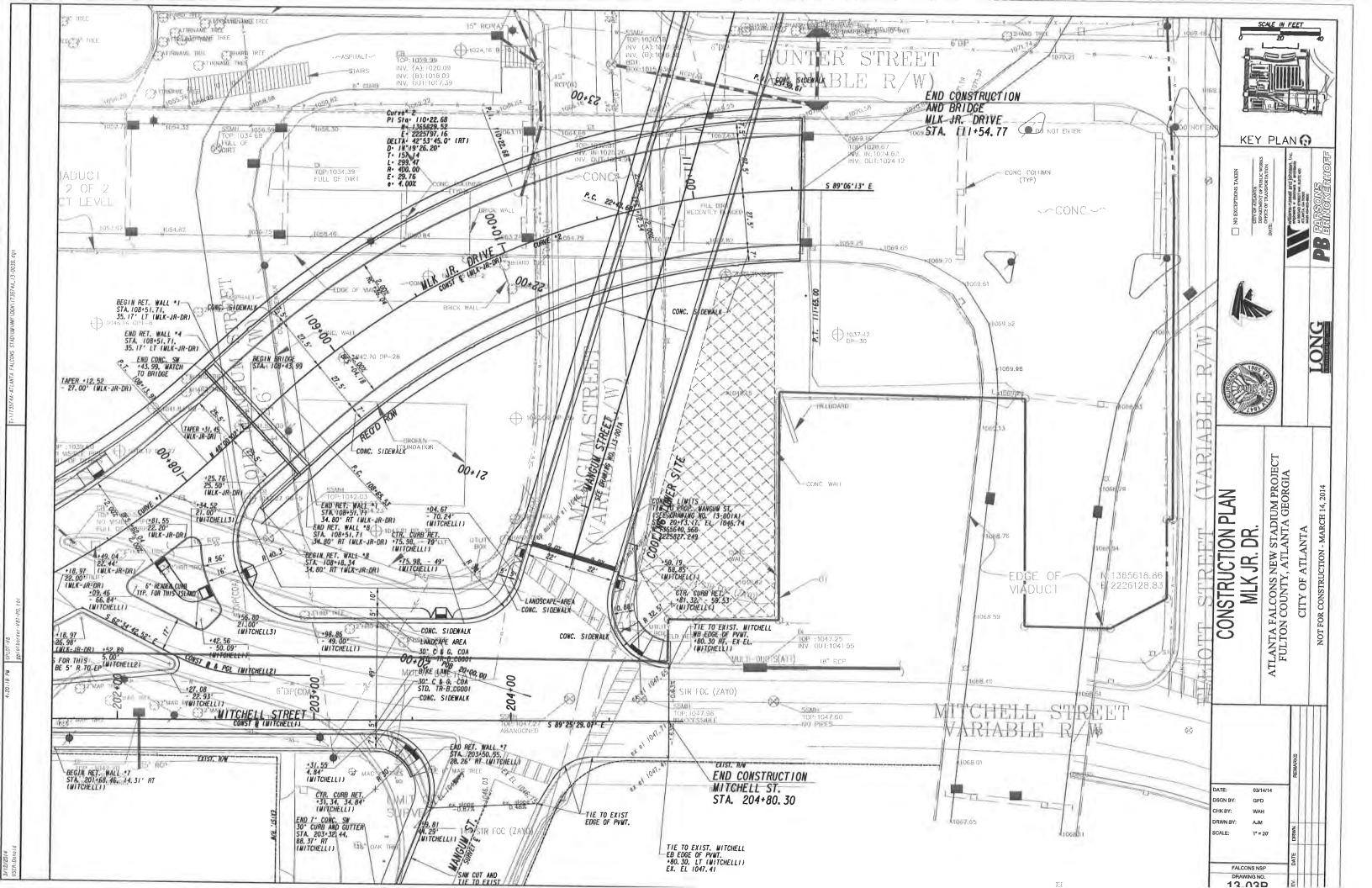


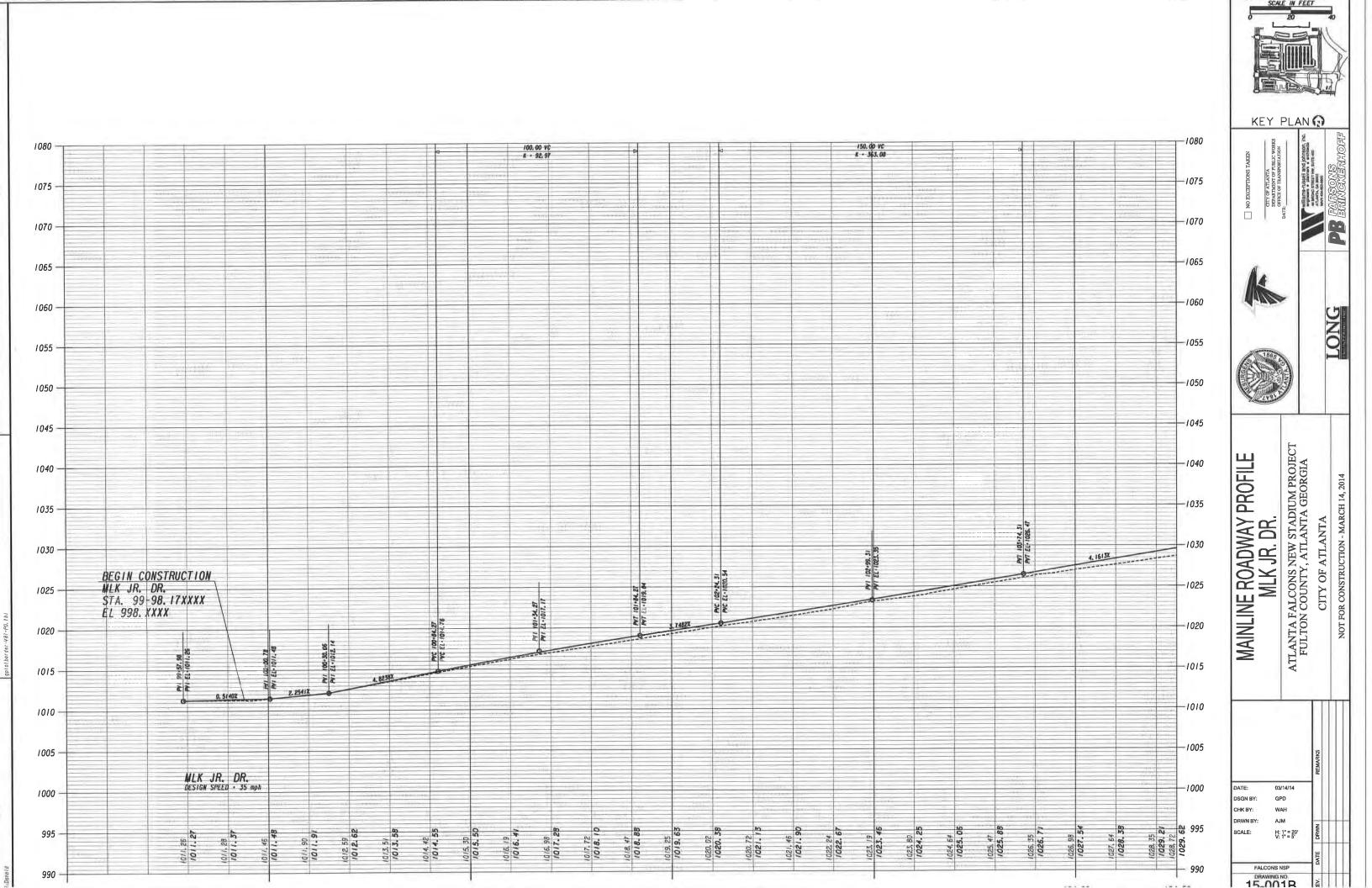


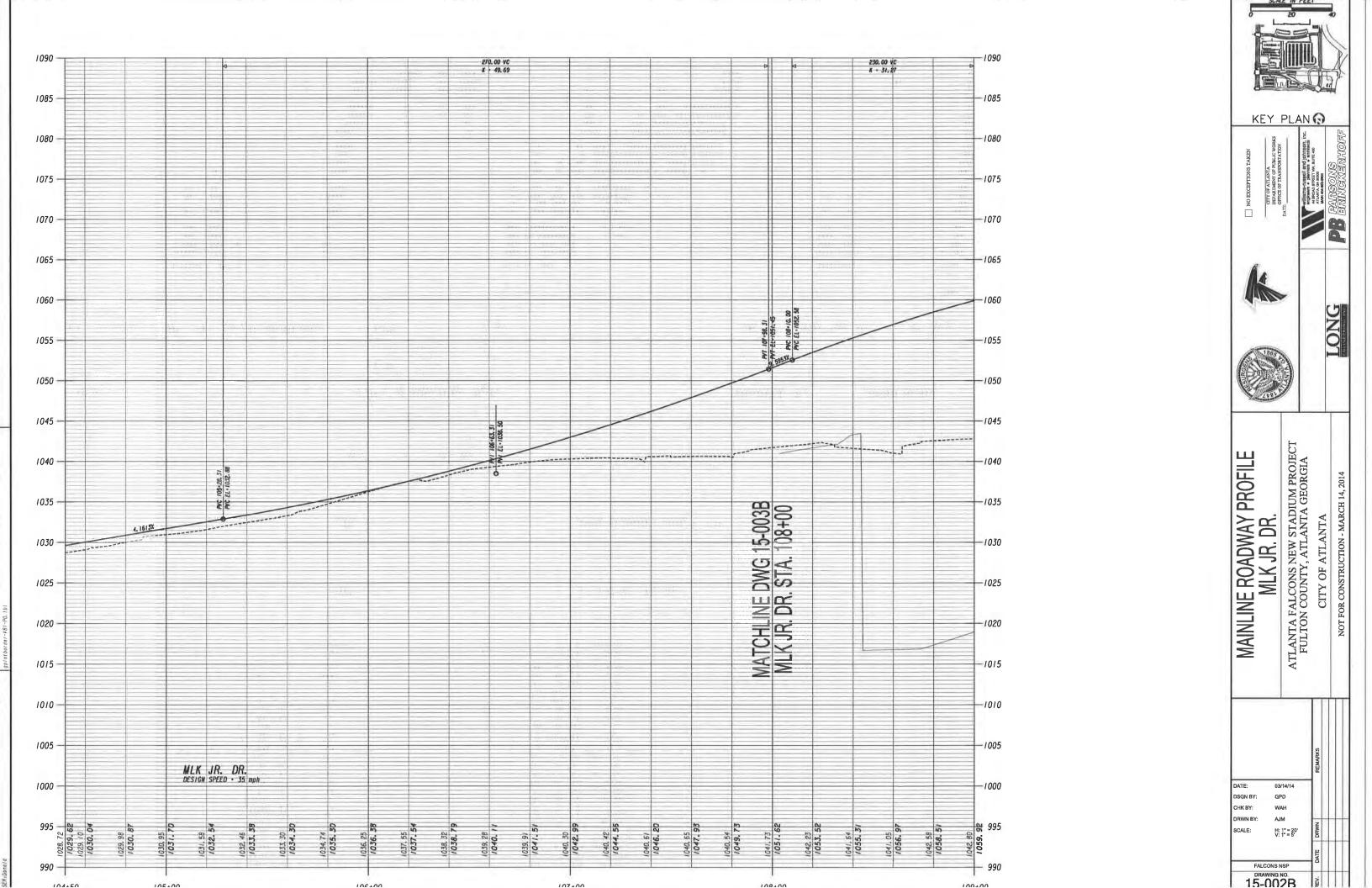
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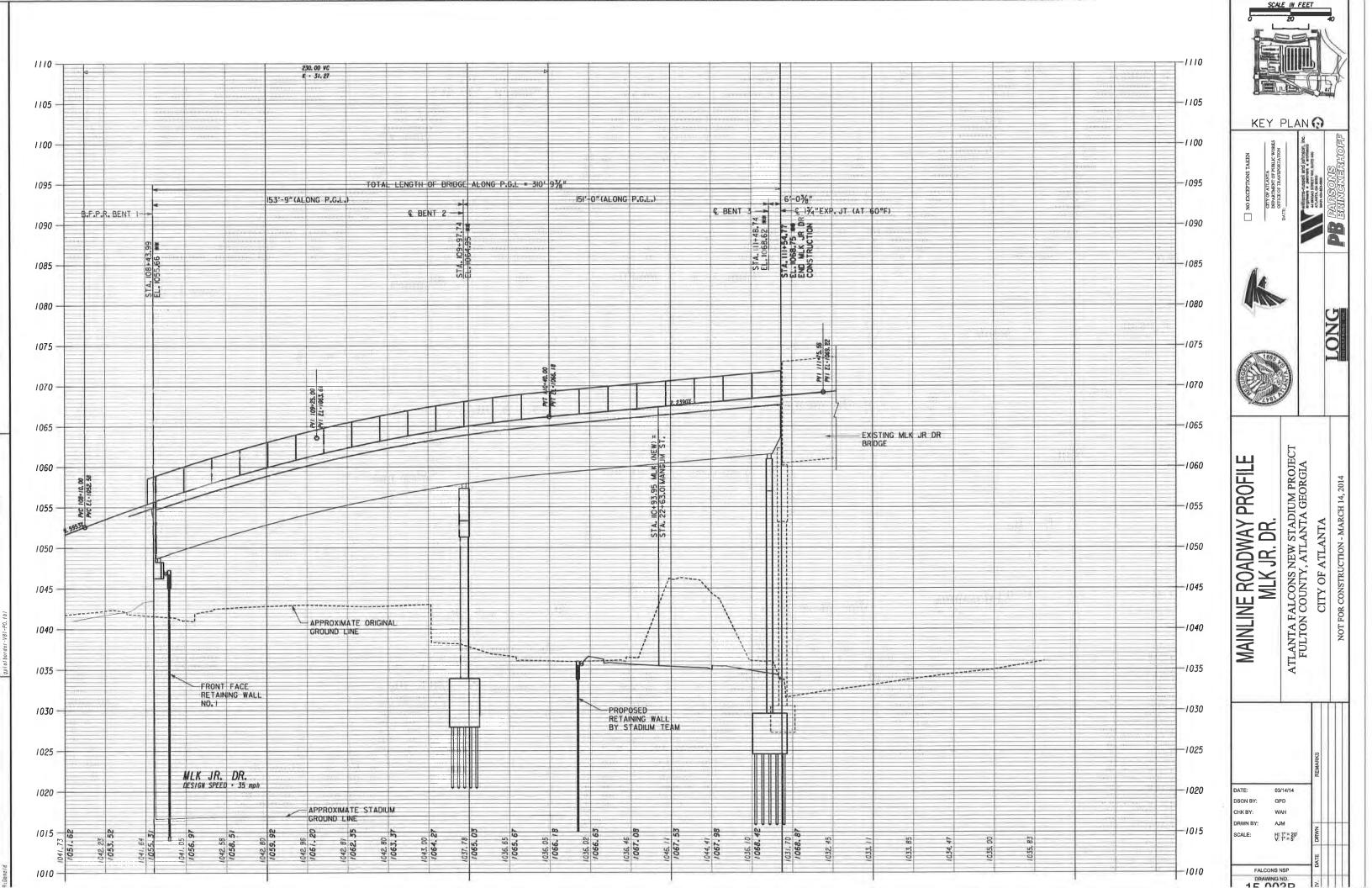


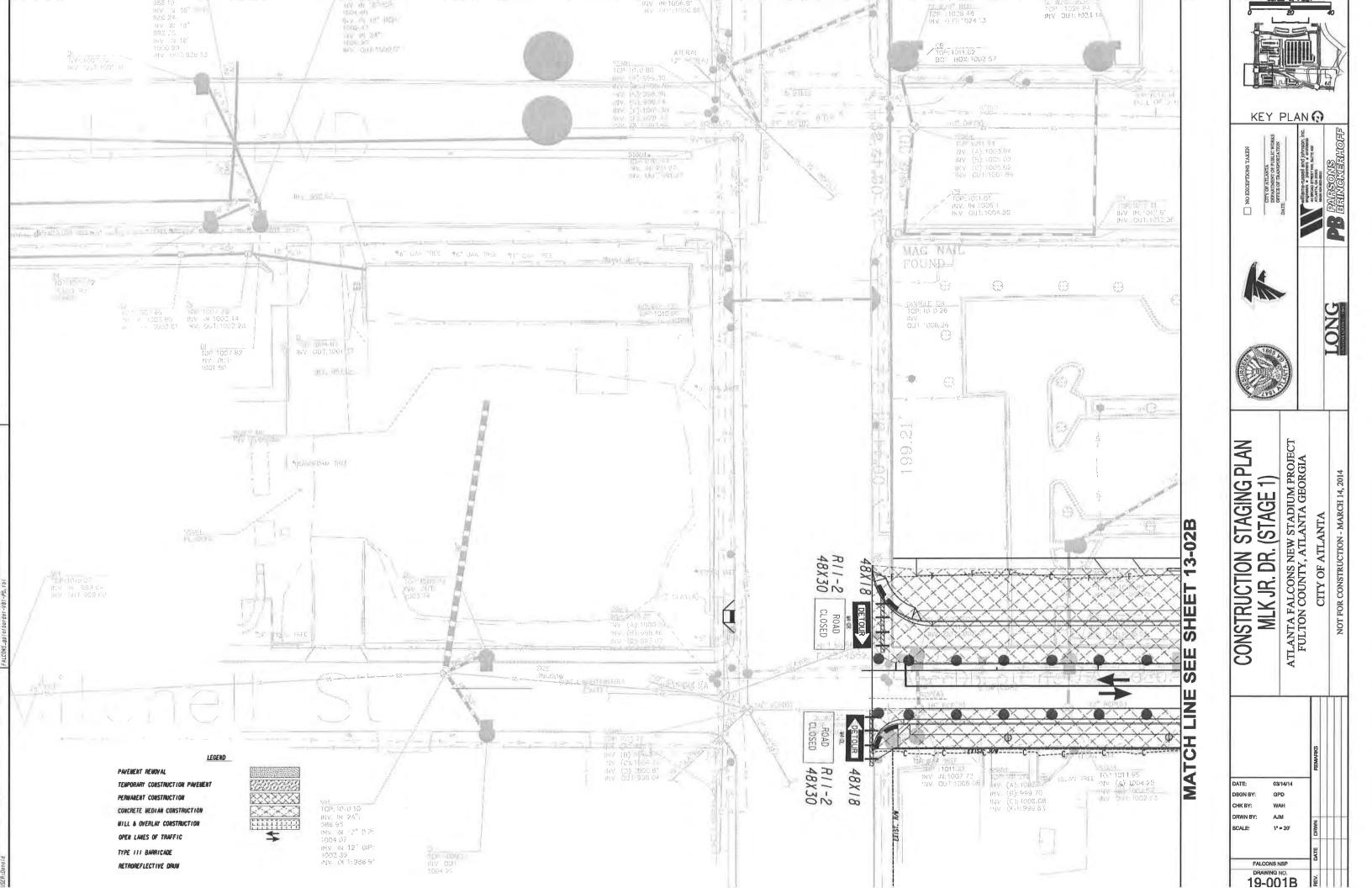


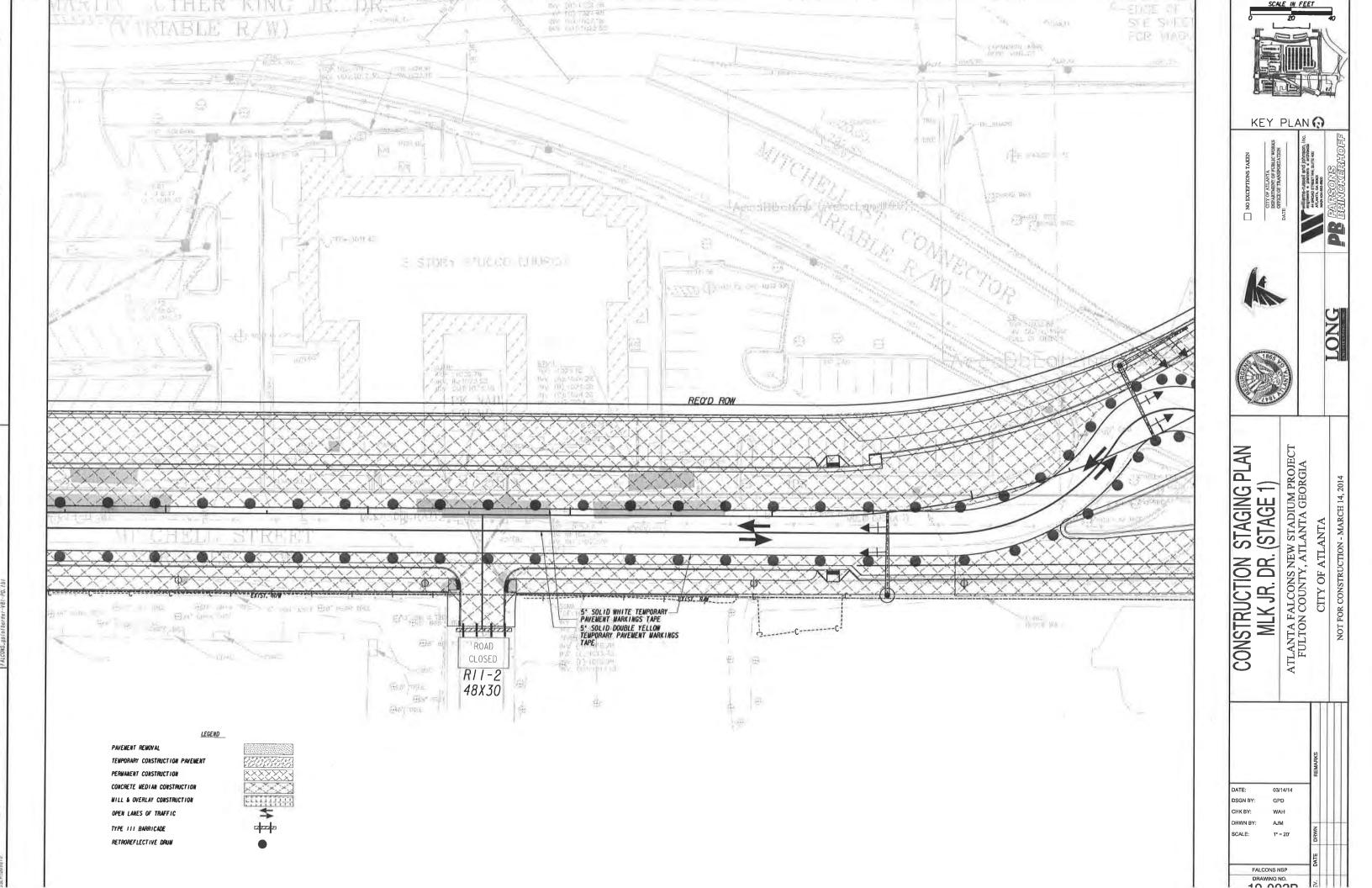


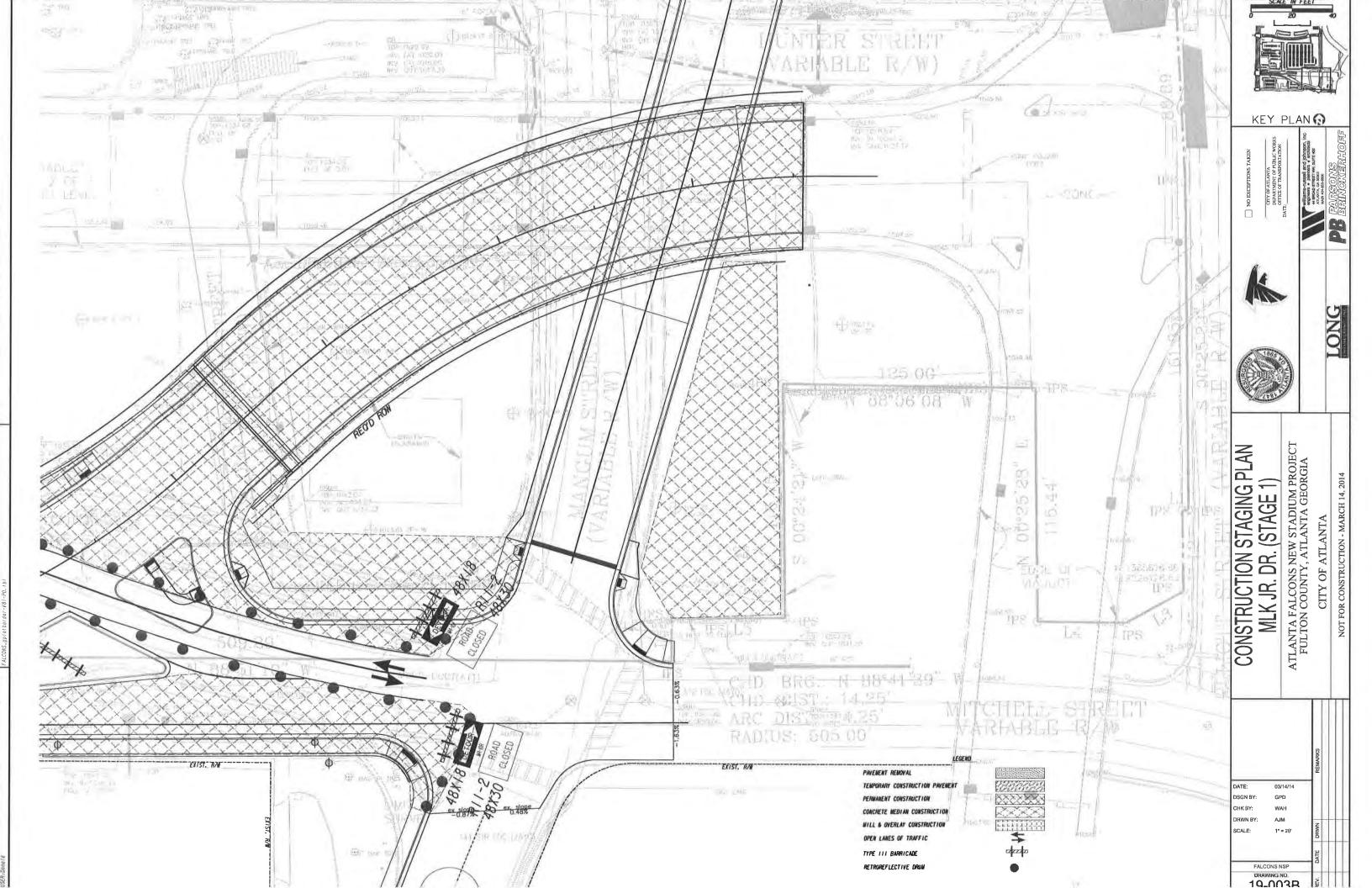


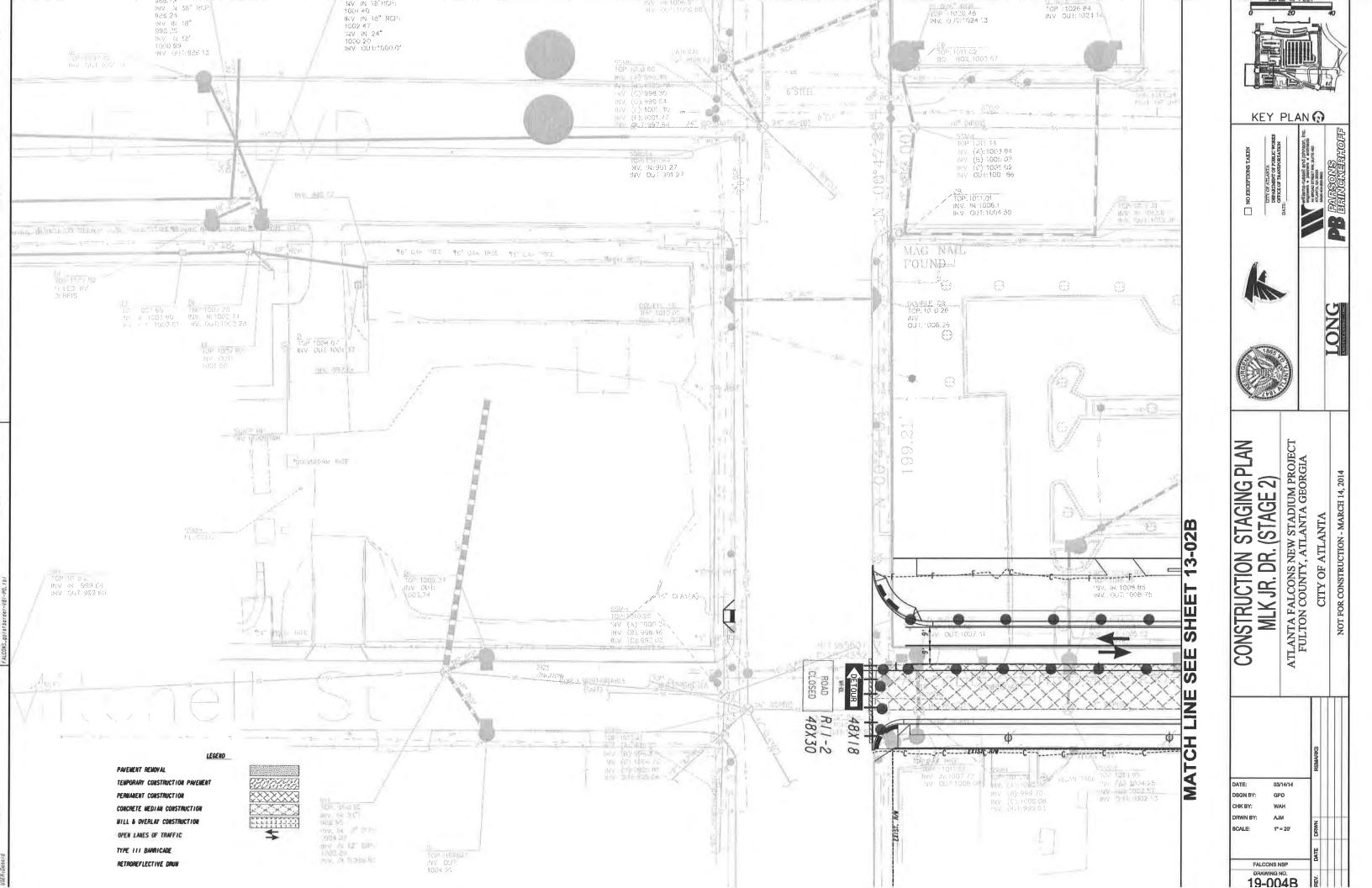


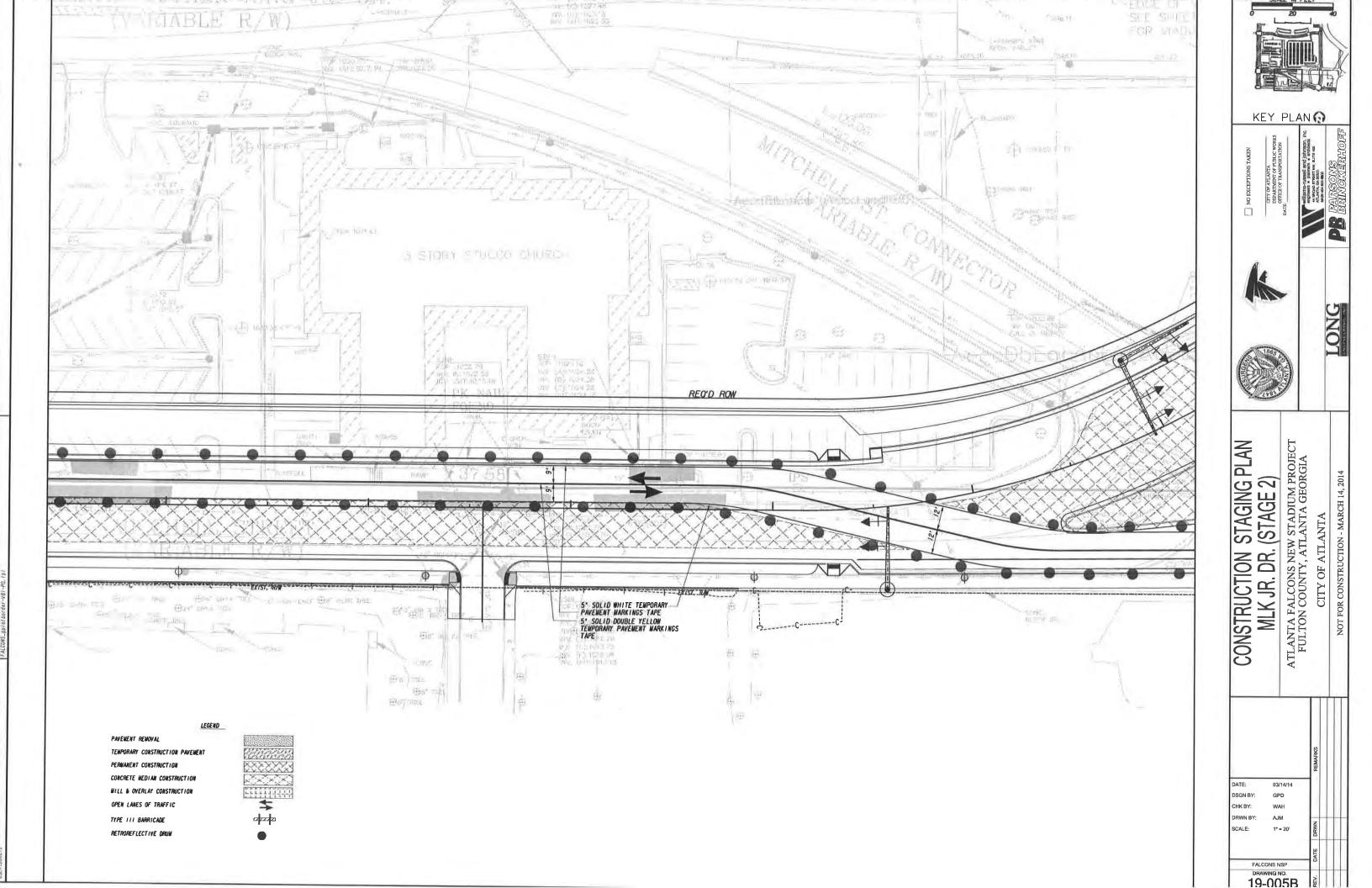


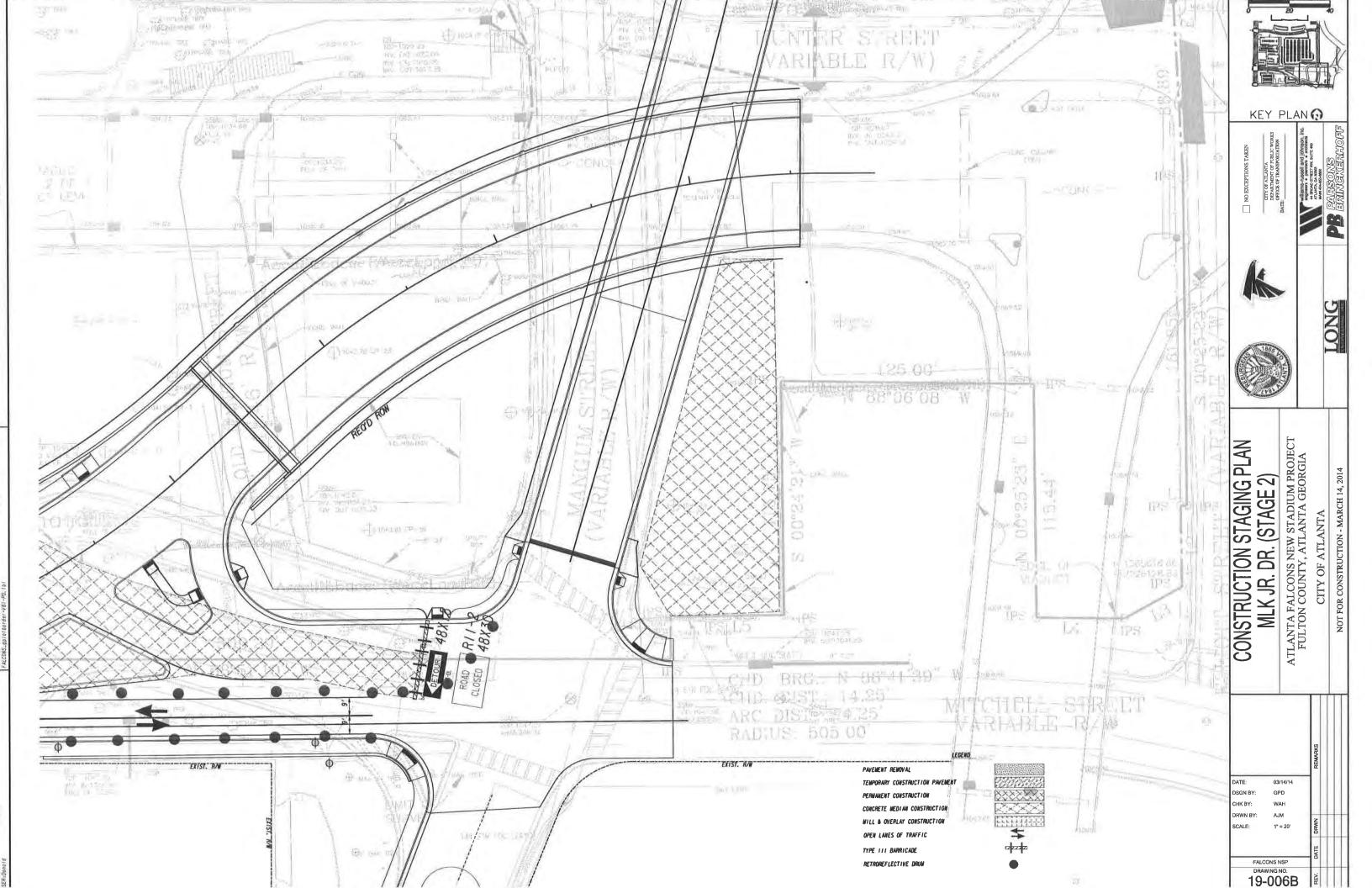


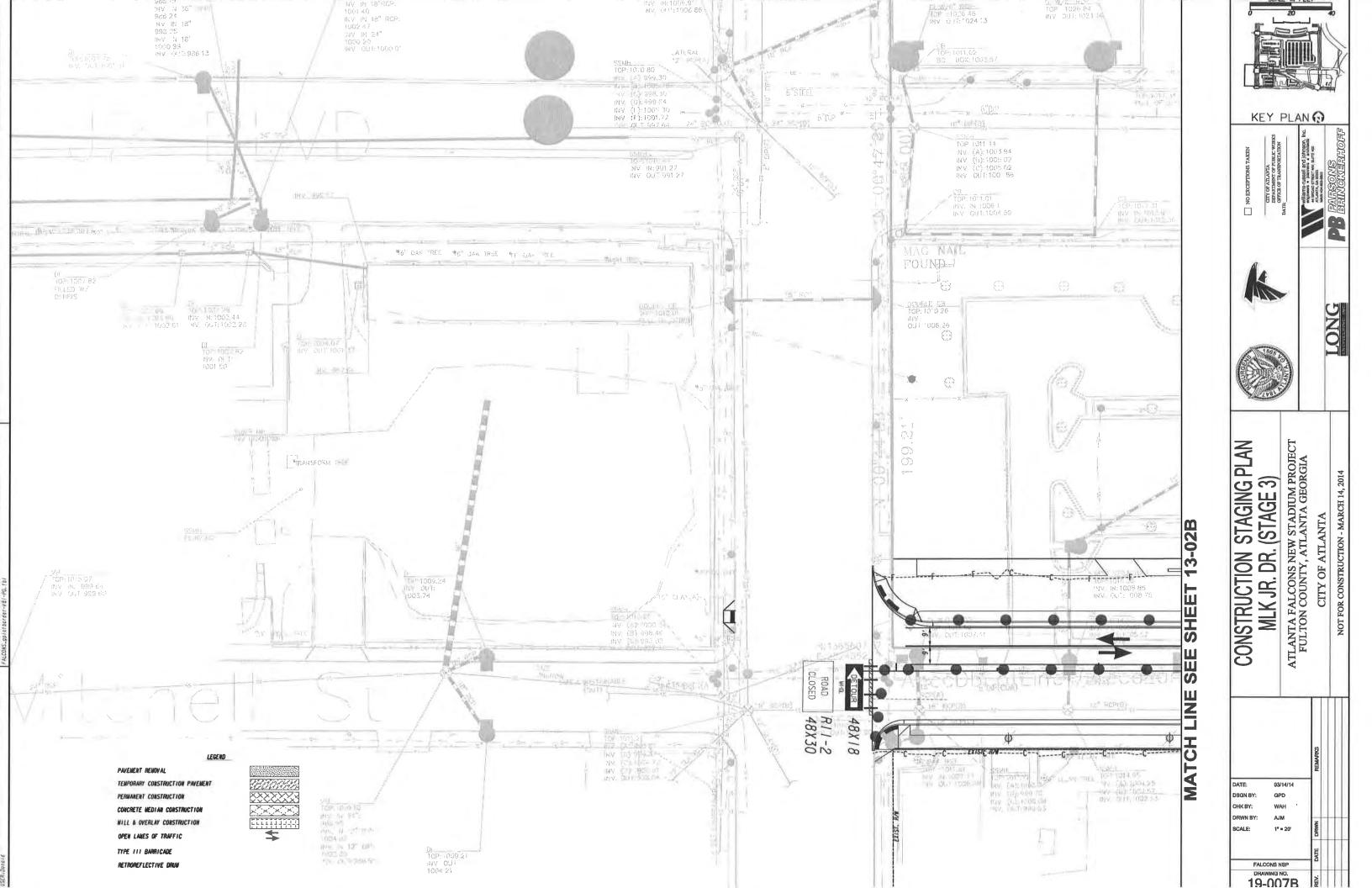


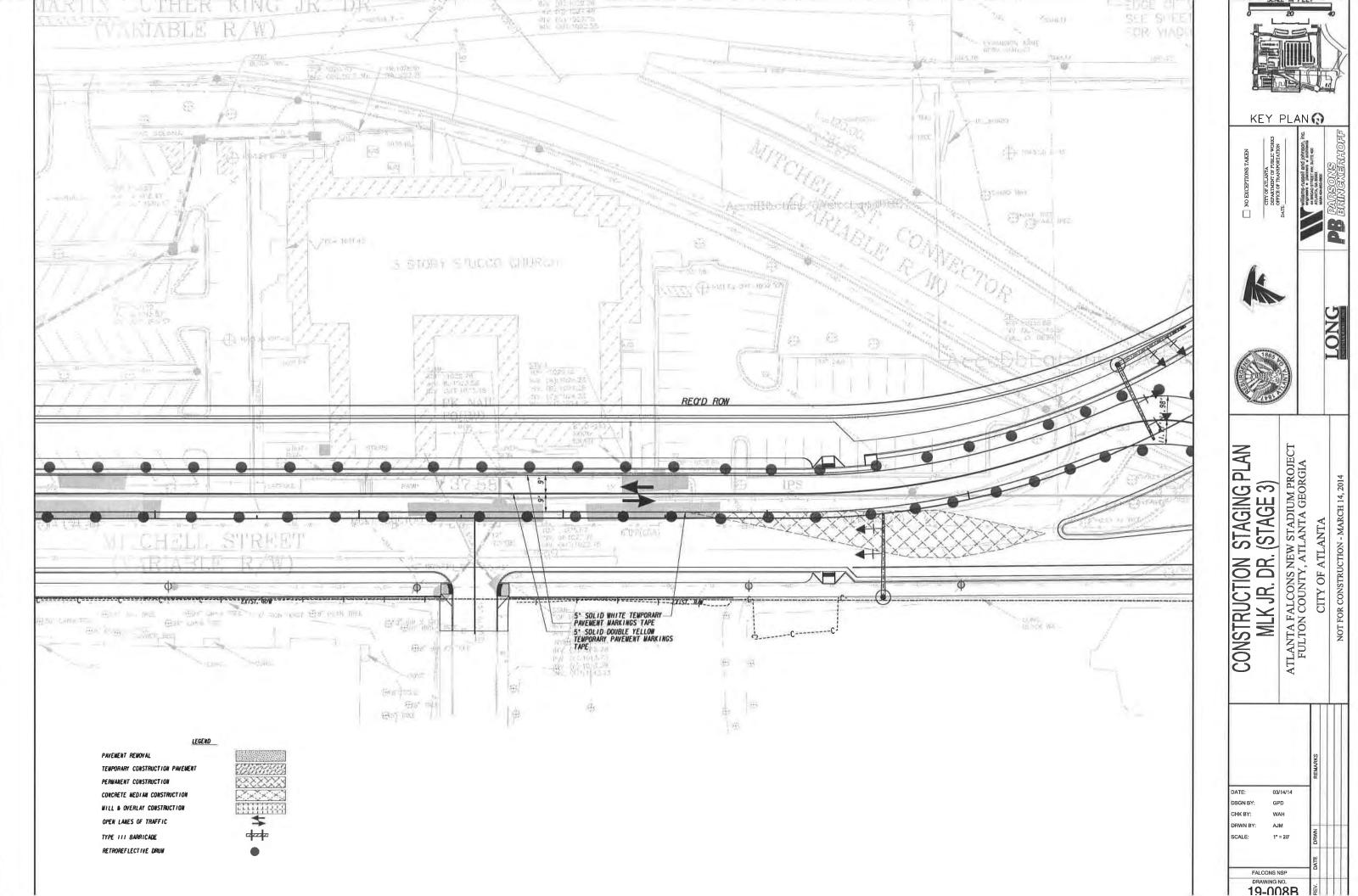




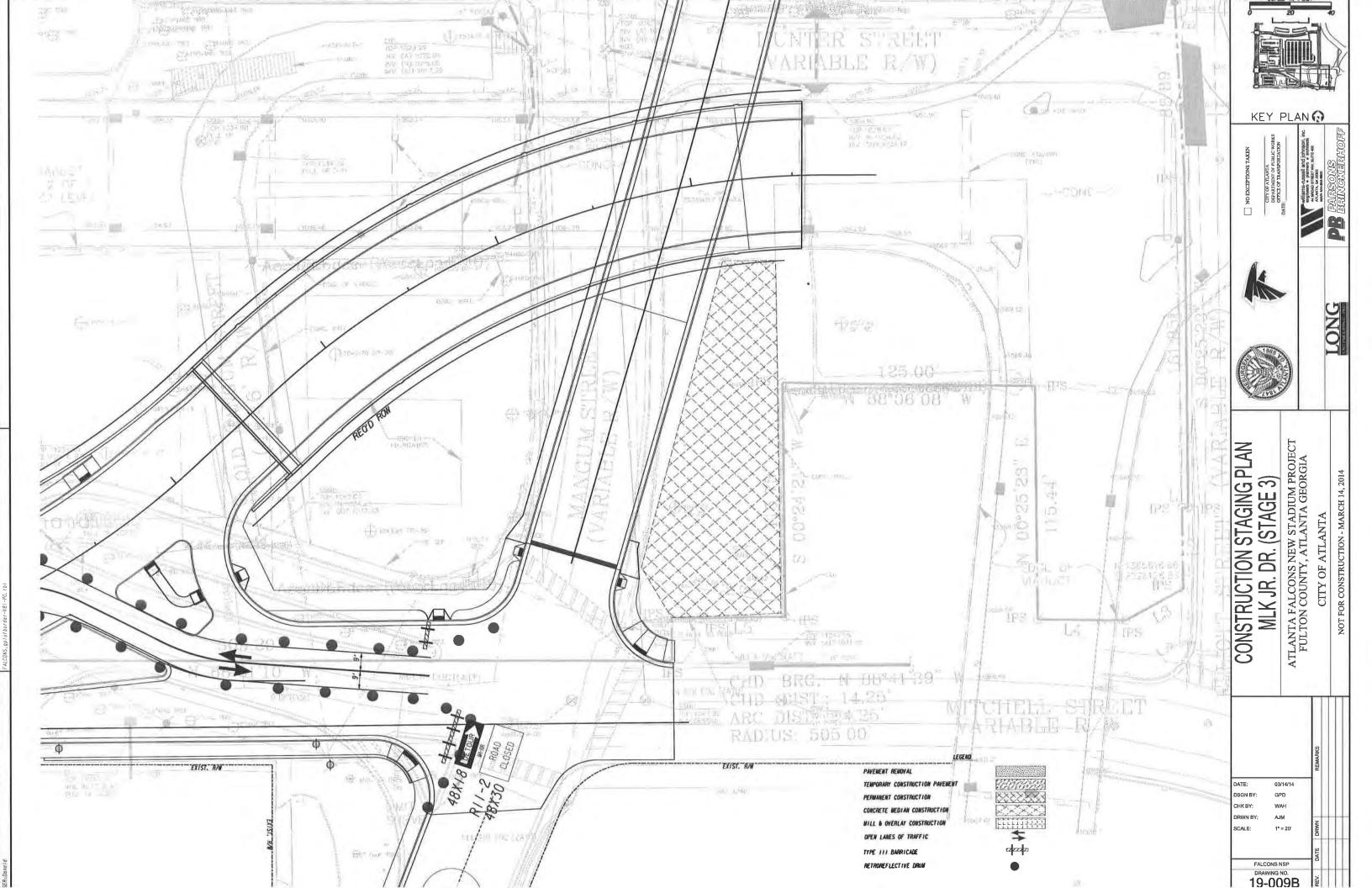


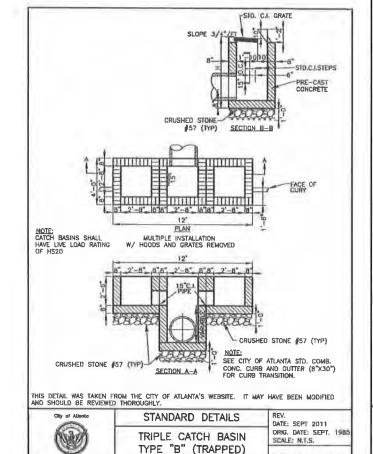




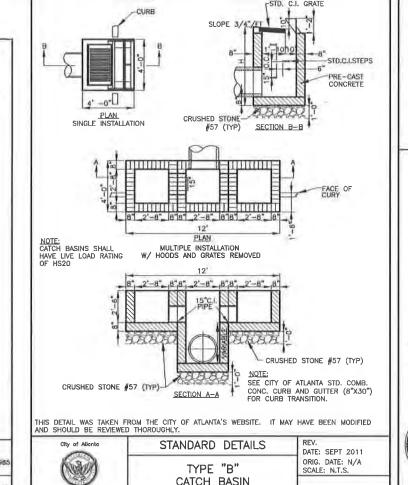


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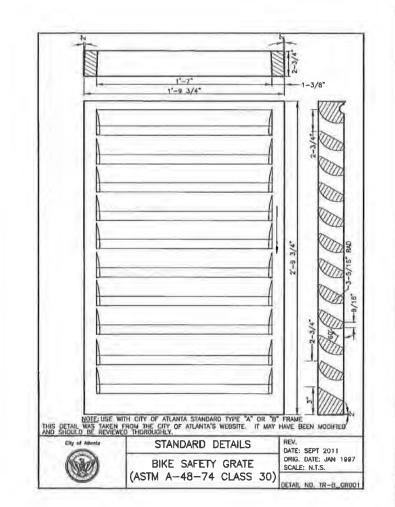


TYPE "B" (TRAPPED)



TYPE "B"

CATCH BASIN





KEY PLAN

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FOR CONSTRUCTION - MARCH 14, 2014

CITY OF ATLANTA

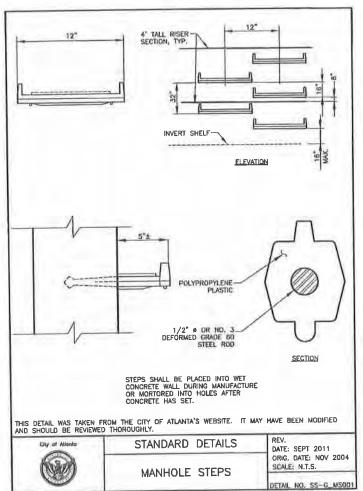
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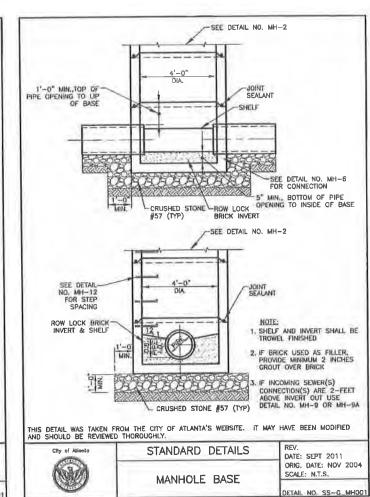
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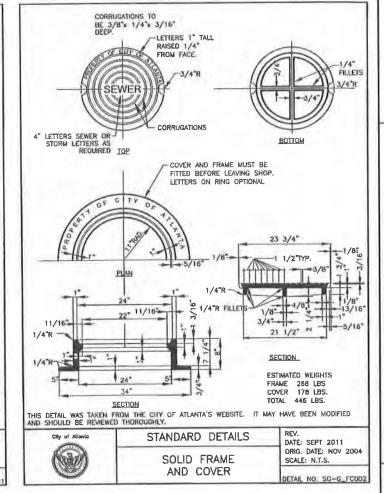
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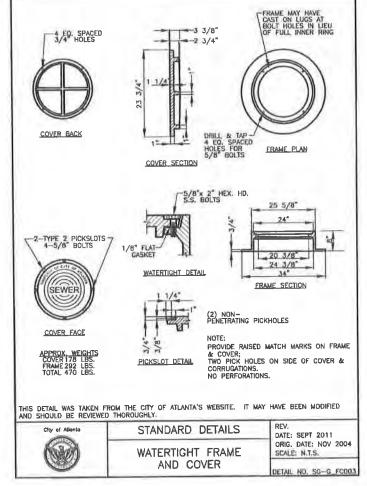
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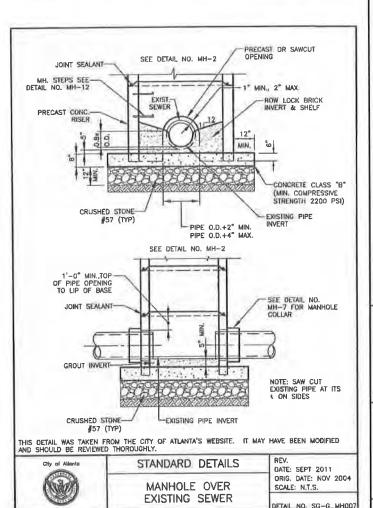
FALCONS NSP DRAWING NO 21-0014























ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA CITY OF ATLANTA 忌. MFK

FOR CONSTRUCTION - MARCH 14, 2014

E OR O 3/14/14 SGN BY: JS WN BY: AH HK BY: SCALE: NTS

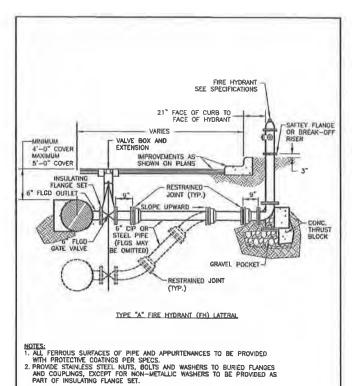
FALCONS NSP

21-002A

STANDARD DETAILS

DATE: OCT. 2011 ORIG. DATE: OCT. 2004 SCALE: N.T.S. TYPICAL FIRE HYDRANT

DETAIL NO. WR-G FHOD



THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

STANDARD DETAILS

TYPE "A"

TYPICAL FIRE HYDRANT

ASPHALT PAVEMENT

CONCRETE PAYEMENT

6" BLACK BASE

DATE: OCT. 2011

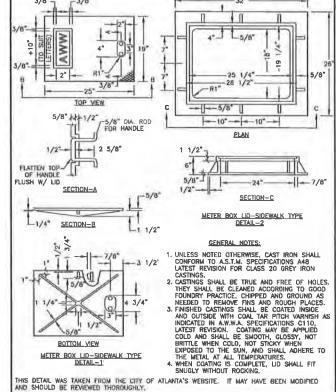
SCALE: N.T.S.

12" CUT BACK

12" CUT BACK TYP, EACH SIDE

VERTICAL EDGE TYP. EACH SIDE

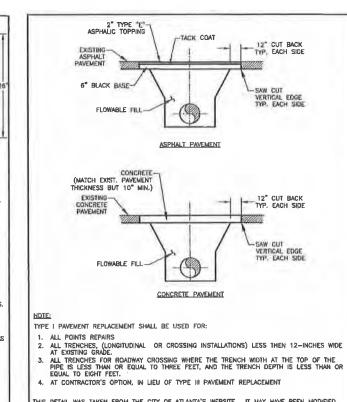
ORIG. DATE: NOV. 200-



STANDARD DETAILS

TYPICAL METER BOX LID

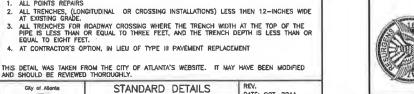
AND FRAME TRAFFIC TYPE

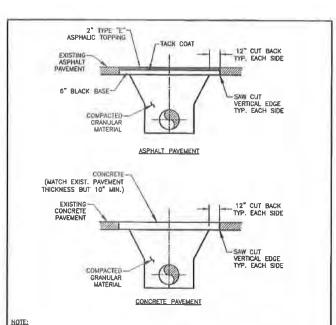


ORIG. DATE: NOV. 2004

ETAIL NO. WR-G PVOC

SCALE: N.T.S.





TYPE II PAVEMENT REPLACEMENT SHALL BE USED FOR:

ALL TRENCHES FOR ROADWAY CROSSING WHICH DO NOT MEET THE CRITERIA FOR TYPE I PAYEMENT REPLACEMENT.

2. ALL TRENCHES, (LONGITUDINAL INSTALLATIONS WHICH DO MEET THAT CRITERIA FOR TYPE III PAVEMENT REPLACEMENT.

3. CONTRACTOR'S OPTION, IN LIEU OF TYPE III PAVEMENT REPLACEMENT

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

STANDARD DETAILS TYPE II PAVEMENT REPLACEMENT

DATE: OCT. 2011 ORIG. DATE: OCT. 2004 SCALE: N.T.S.

STANDARD DETAILS TYPE III PAVEMENT REPLACEMENT DETAIL NO. WR-G_PVO

2" TYPE "E" ASPHALIC TOPPING

6" GRADED AGGREGATE BASE

ALL BACKFILL MATERIAL SHALL HE COMPACTED TO > 95' OF

IT'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.

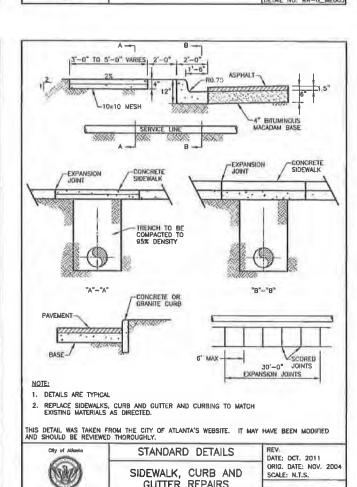
CONCRETE-(MATCH EXIST. PAVEMENT THICKNESS BUT 10" MIN.)

6" GRADED

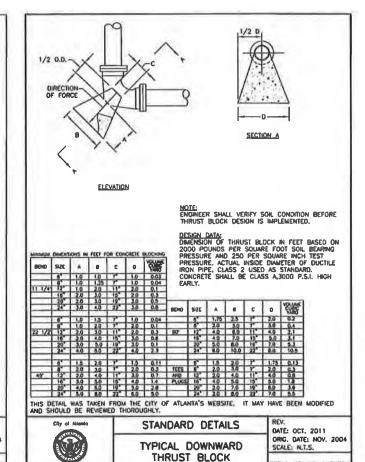
ALL BACKFILL MATERIAL SHALL -BE COMPACTED TO > 85' OF IT'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.

CONCRETE PAVEMENT

NOTE: TYPE III PAVEMENT REPLACEMENT SHALL BE USED ONLY FOR. LONGITUDINAL INSTALLATION AND WHERE THE TRENCH WIDTH AT THE TOP OF PIPE IS GREATER THAN FOUR FEET, THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY. DATE: OCT. 2011 ORIG. DATE: OCT. 2004 SCALE: N.T.S. DETAIL NO. WR-G_PVOC



GUTTER REPAIRS

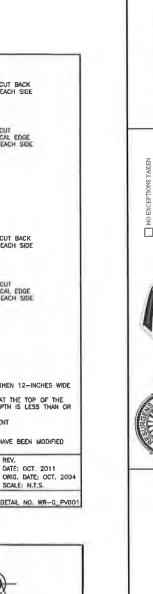


THRUST BLOCK

ETAIL NO. WR-G_THOO

TYPE I PAVEMENT

REPLACEMENT





EORG DSGN BY: RWN BY: JS CHK BY: SCALE: NTS

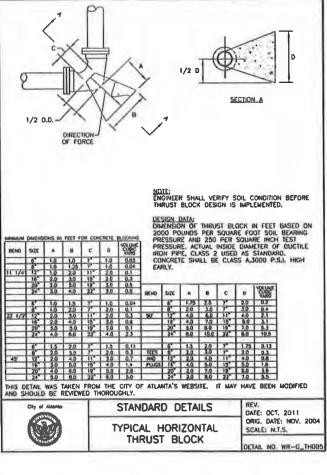
FALCONS NSF

21_0034

KEY PLAN 🞧

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CITY OF ATLANTA



NOTES:

1. UNLESS NOTED OTHERWISE, CAST IRON SHALL CONFORM TO A.S.T.M. SPECIFICATIONS A48
LATEST REVISION FOR CLASS 20 GREY IRON CASTINGS.

2. CASTING SHALL BE TRUE AND FREE OF HOLES, THEY SHALL BE CLEANED ACCORDING TO GOOD
FOUNDRY PRACTICE, CHIPPED AND GROUND AS NEEDED TO REMOVE FINS AND ROUGH PLACES.

3. FINISHED CASTING SHALL BE COATED INSIDE AND OLITSIDE WITH COAL TAR PITCH VARNISH A3
INDICATED IN A.W.M. A SPECIFICATIONS C110 LATEST REVISION, COATING MAY BE APPLIED COLO.
AND SHALL THOROUGHLY COVER ALL METAL SURFACES, FINISHED GOATING SHALL BE SMOOTH,
GLOSSY NOT BRITTLE WHEN COLD, NOT STICKY WHEN EXPOSED TO THE SUN, AND SHALL
ADHERE TO THE METAL AT ALL TEMPERATURES.

4. WHEN COATING IS COMPLETE, UD SHALL FIT SNUGLY WITHOUT ROCKING.

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

STANDARD DETAILS

TYPICAL 4"-12" VALVE

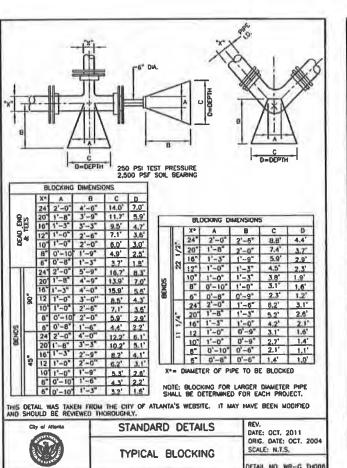
BOX ASSEMBLIES

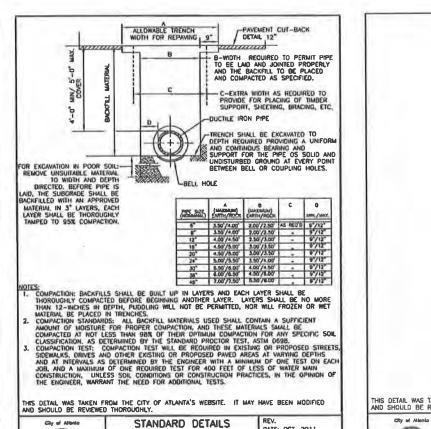
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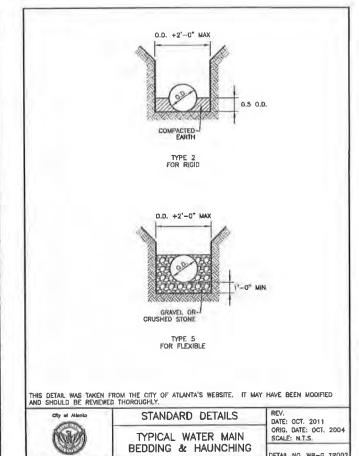
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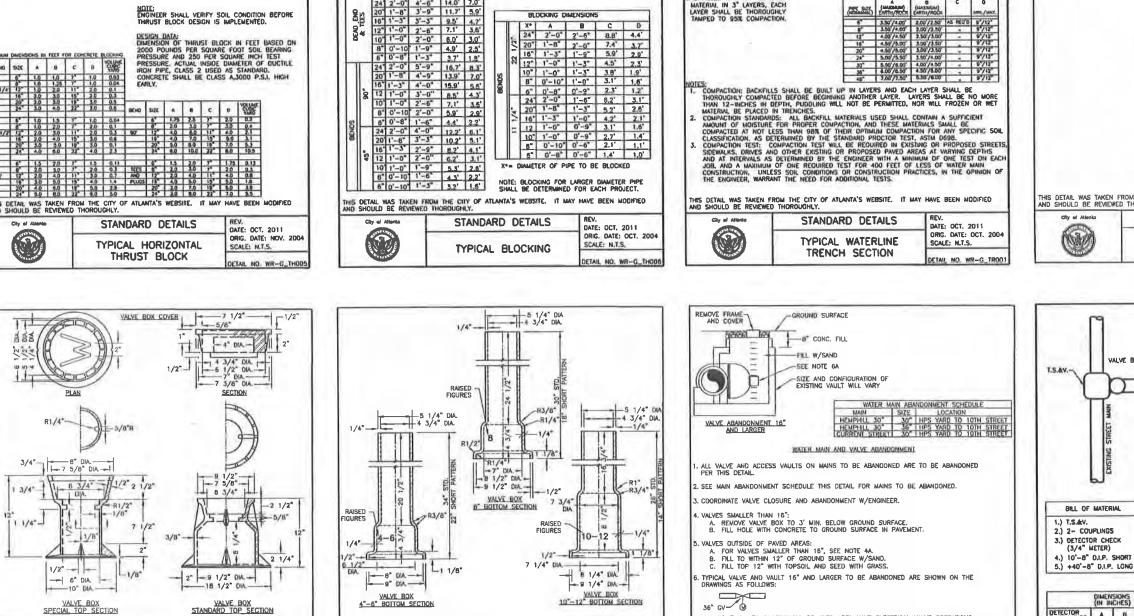
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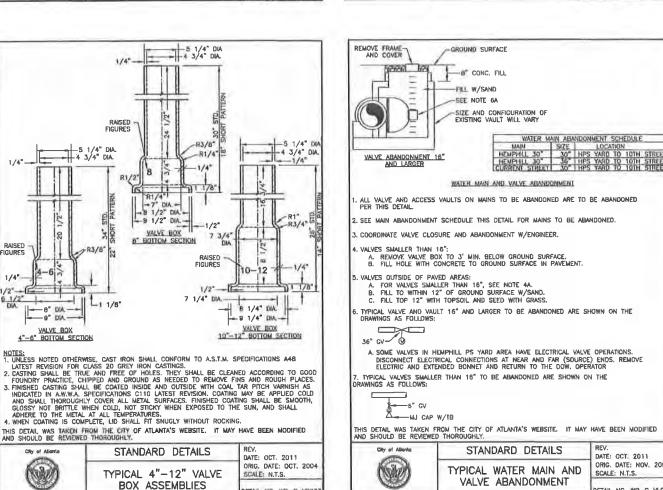
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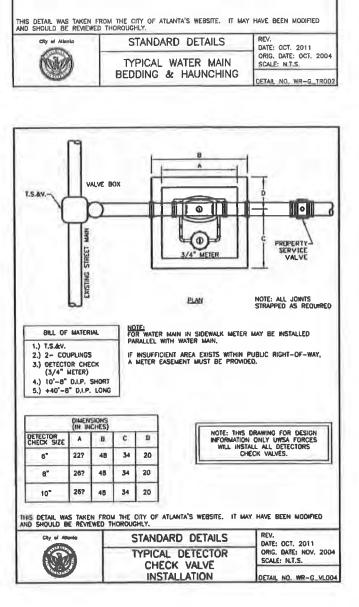








DETAIL NO. WR-G_VB003





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FOR CONSTRUCTION - MARCH 14,

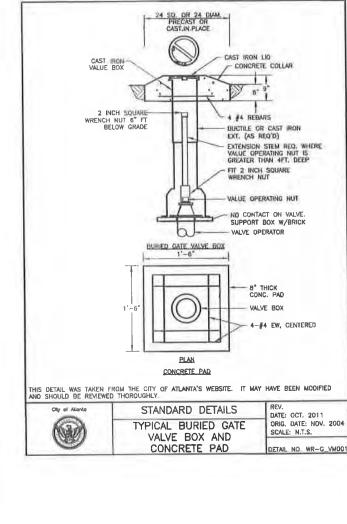
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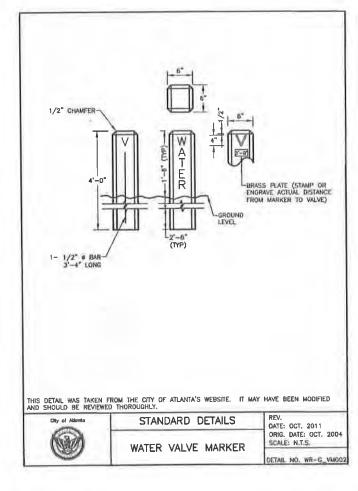


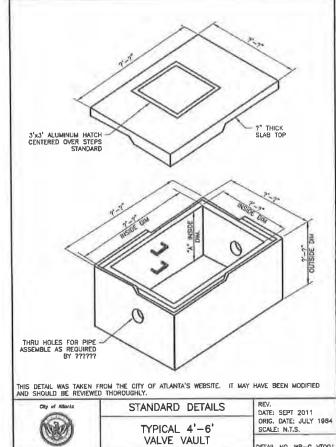
SGN BY: JS WN BY: HK BY: JS SCALE: NTS

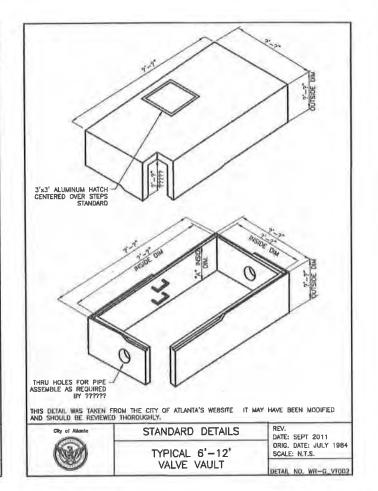
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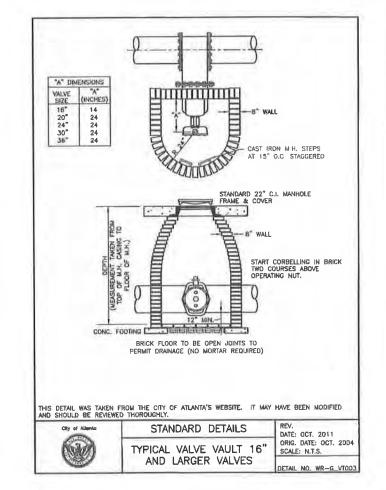
21-004A















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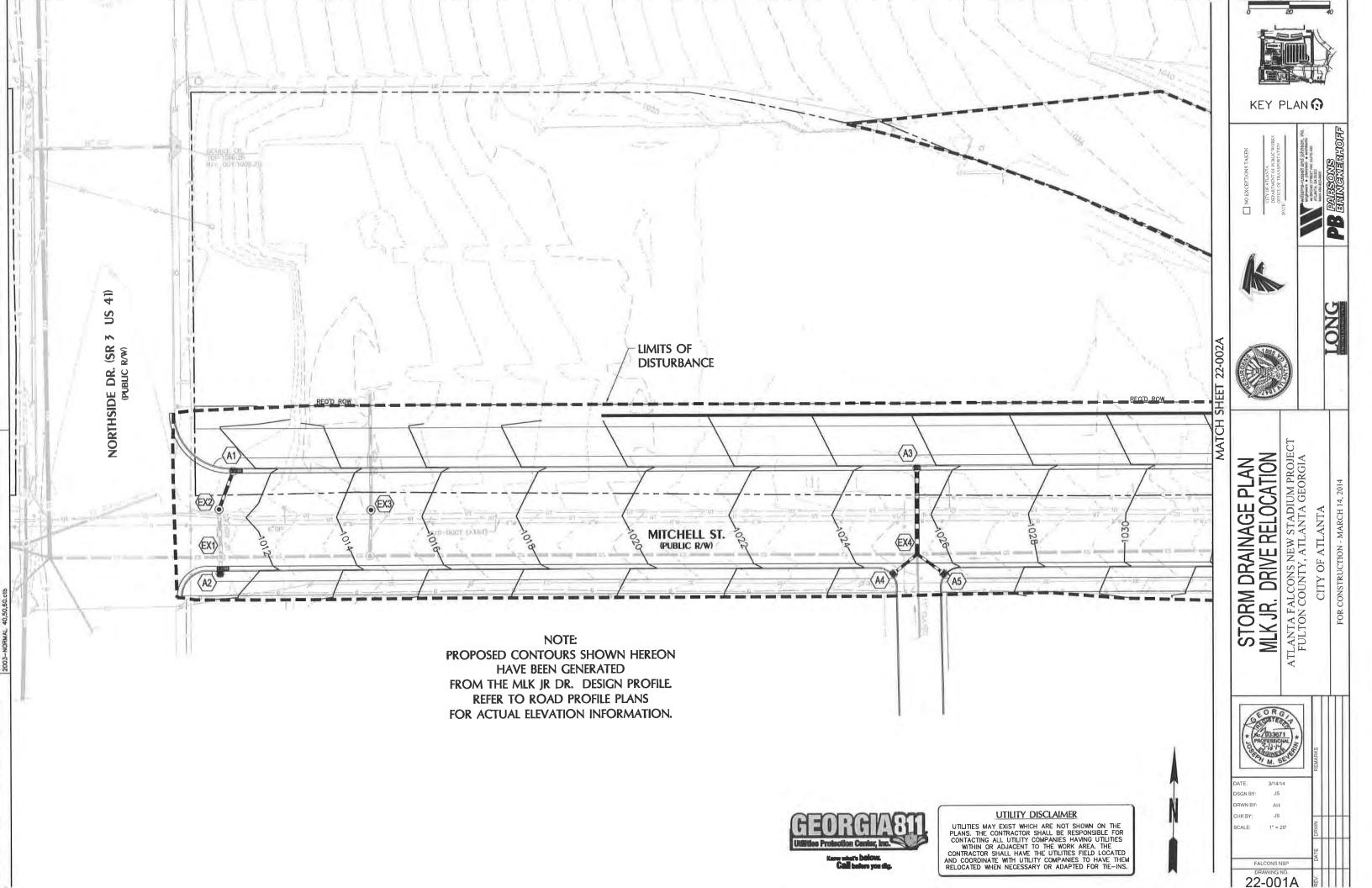
ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA DETAILS DRIVE RELOCATION CITY OF ATLANTA MLK JR.

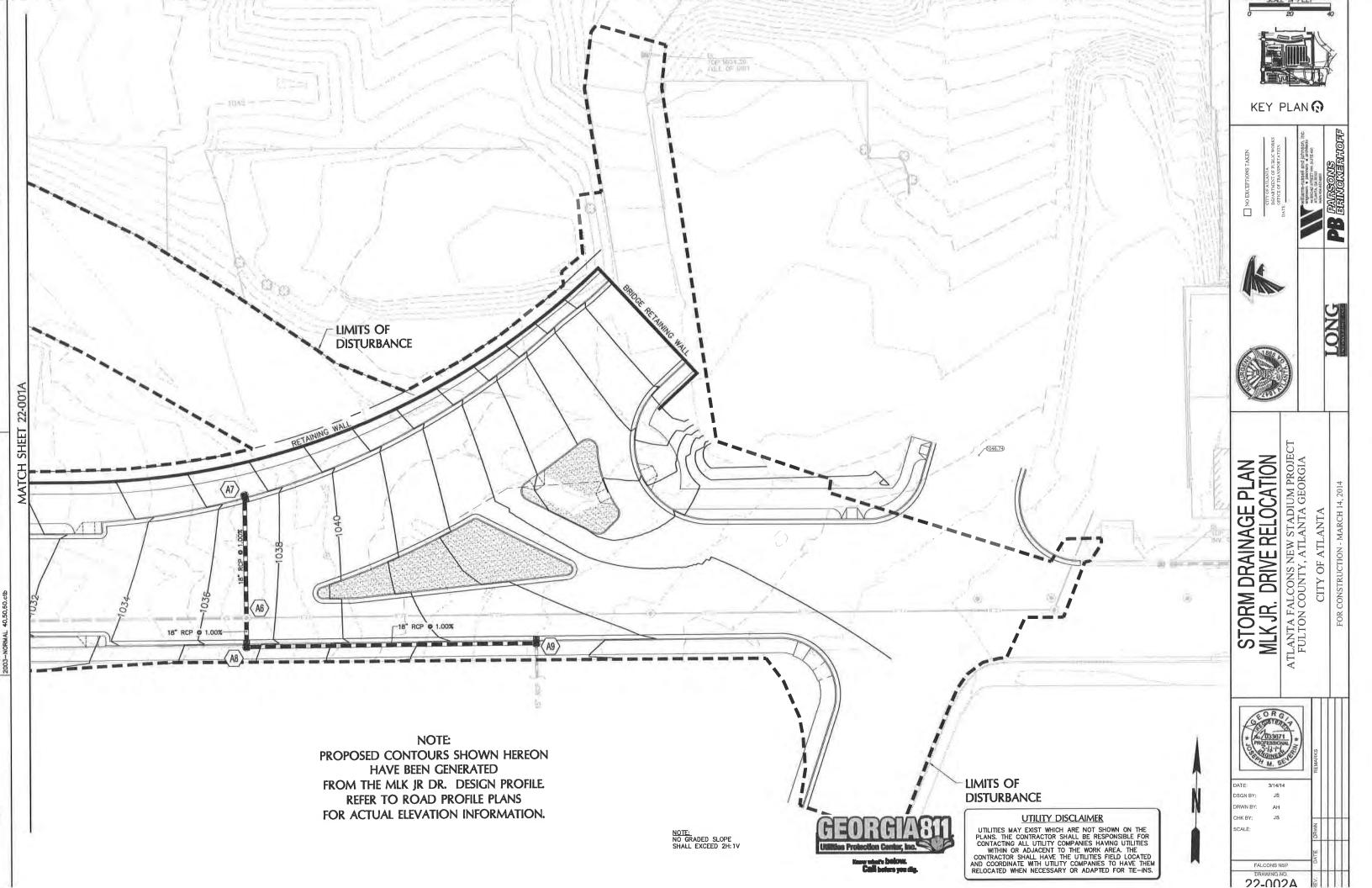
FOR CONSTRUCTION - MARCH 14, 2014

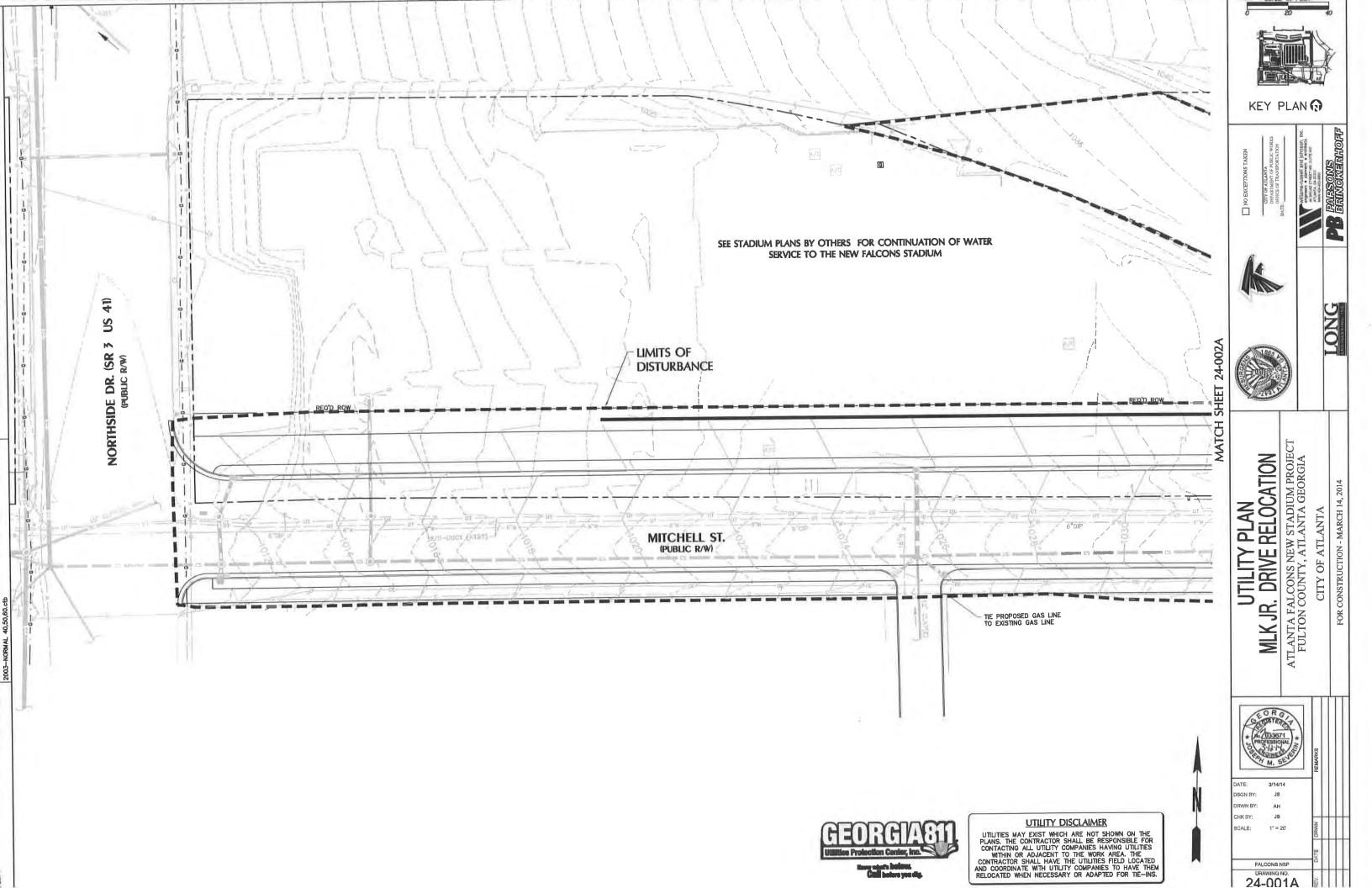
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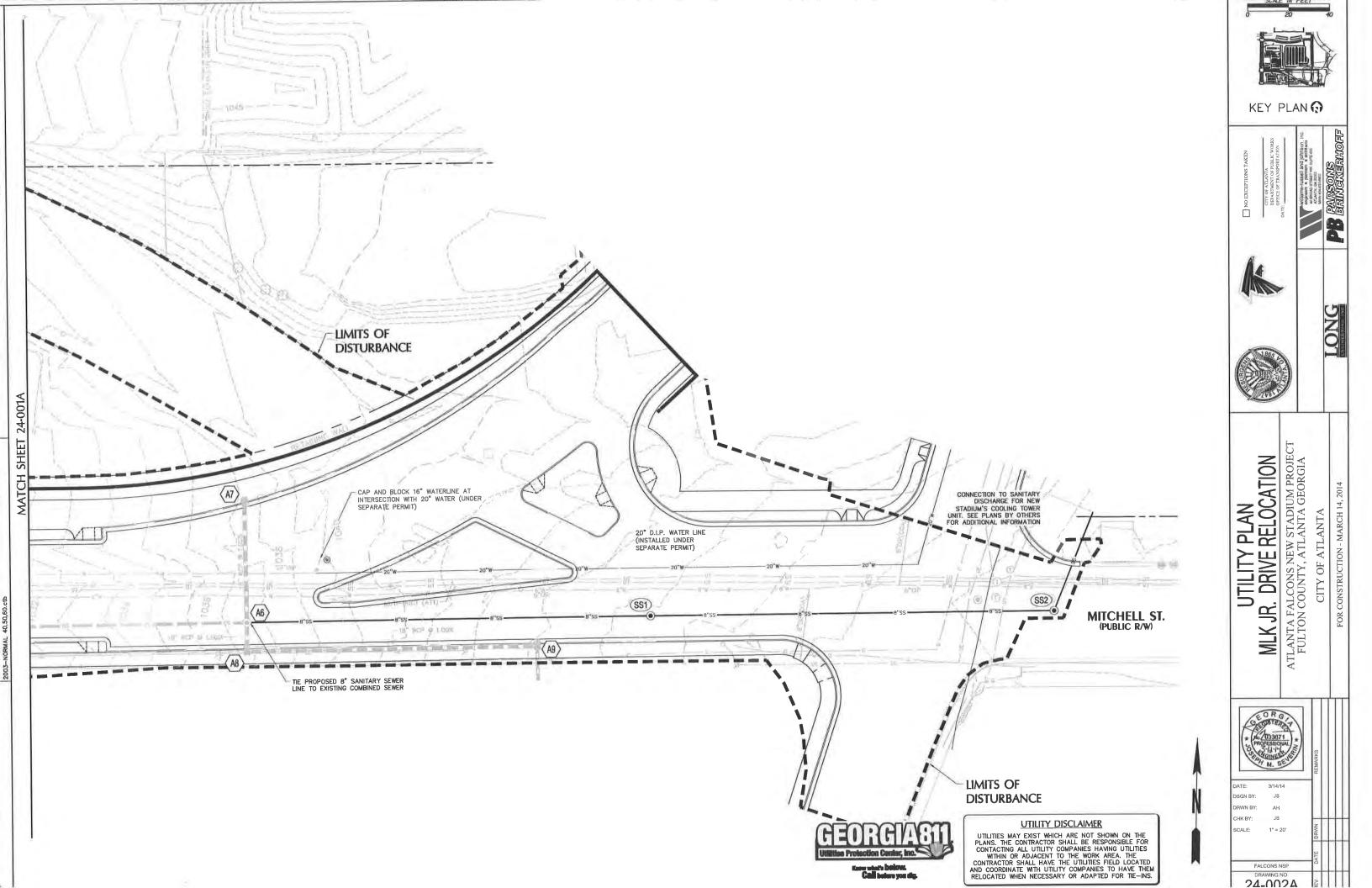
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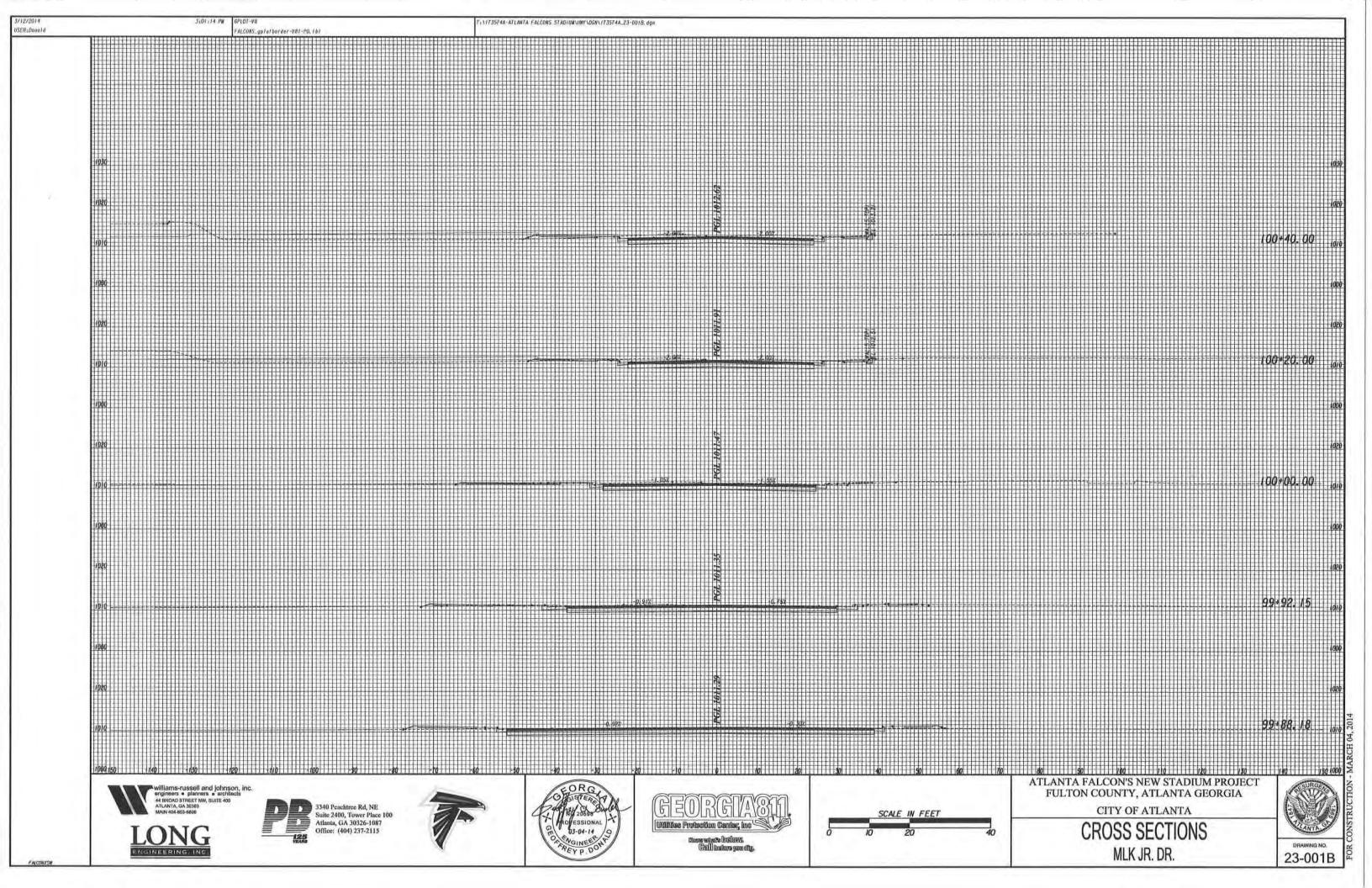
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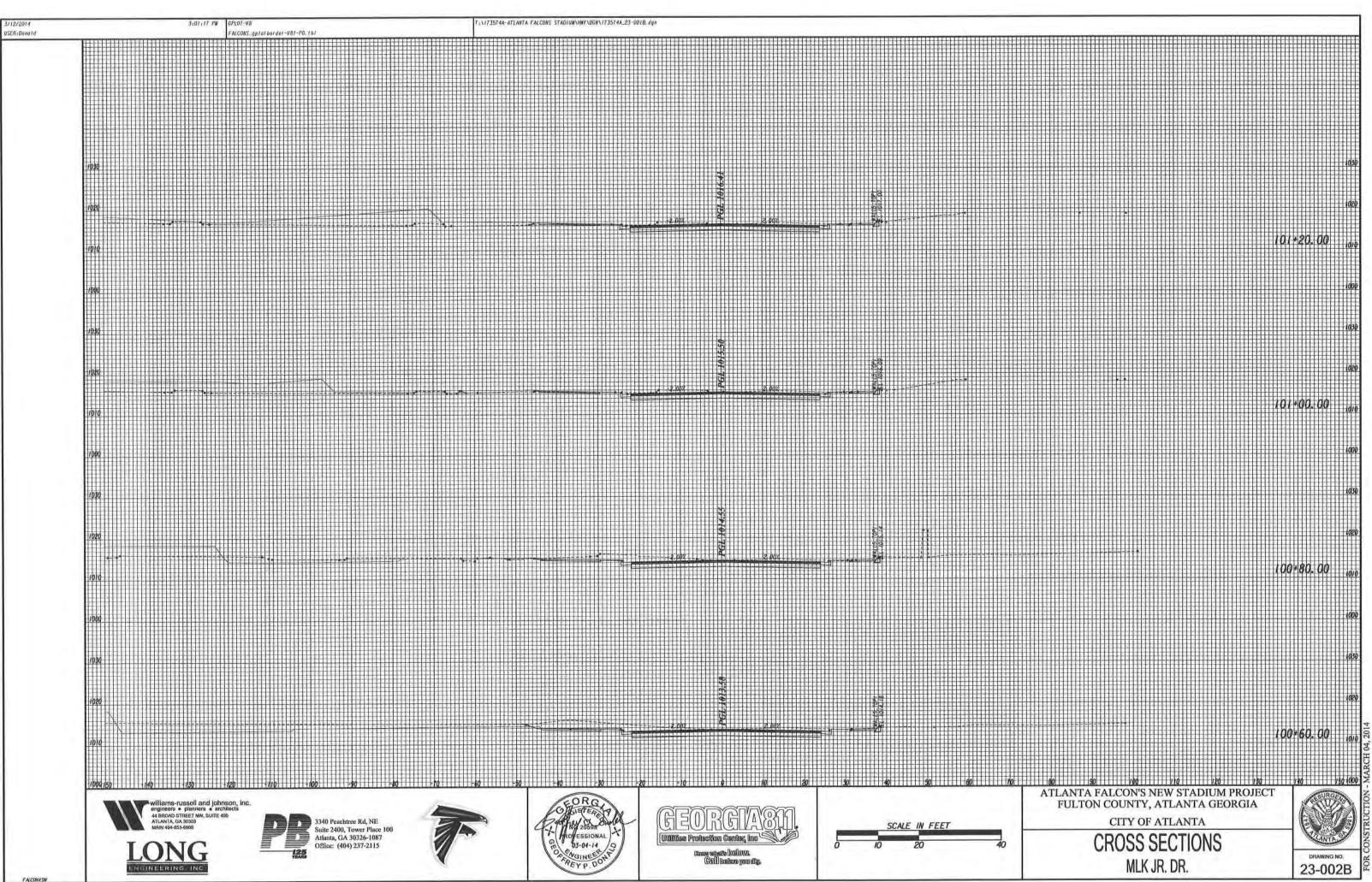


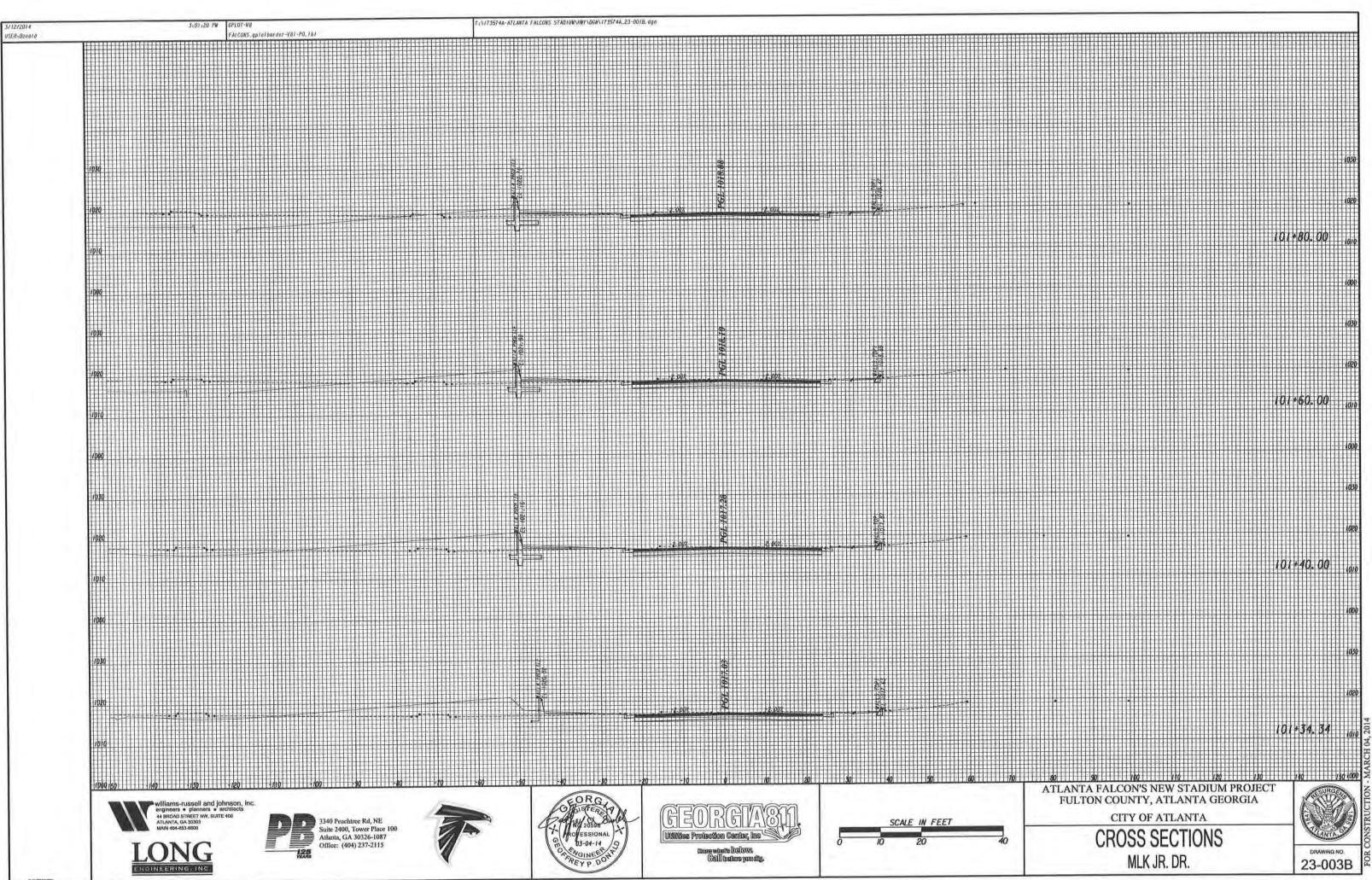


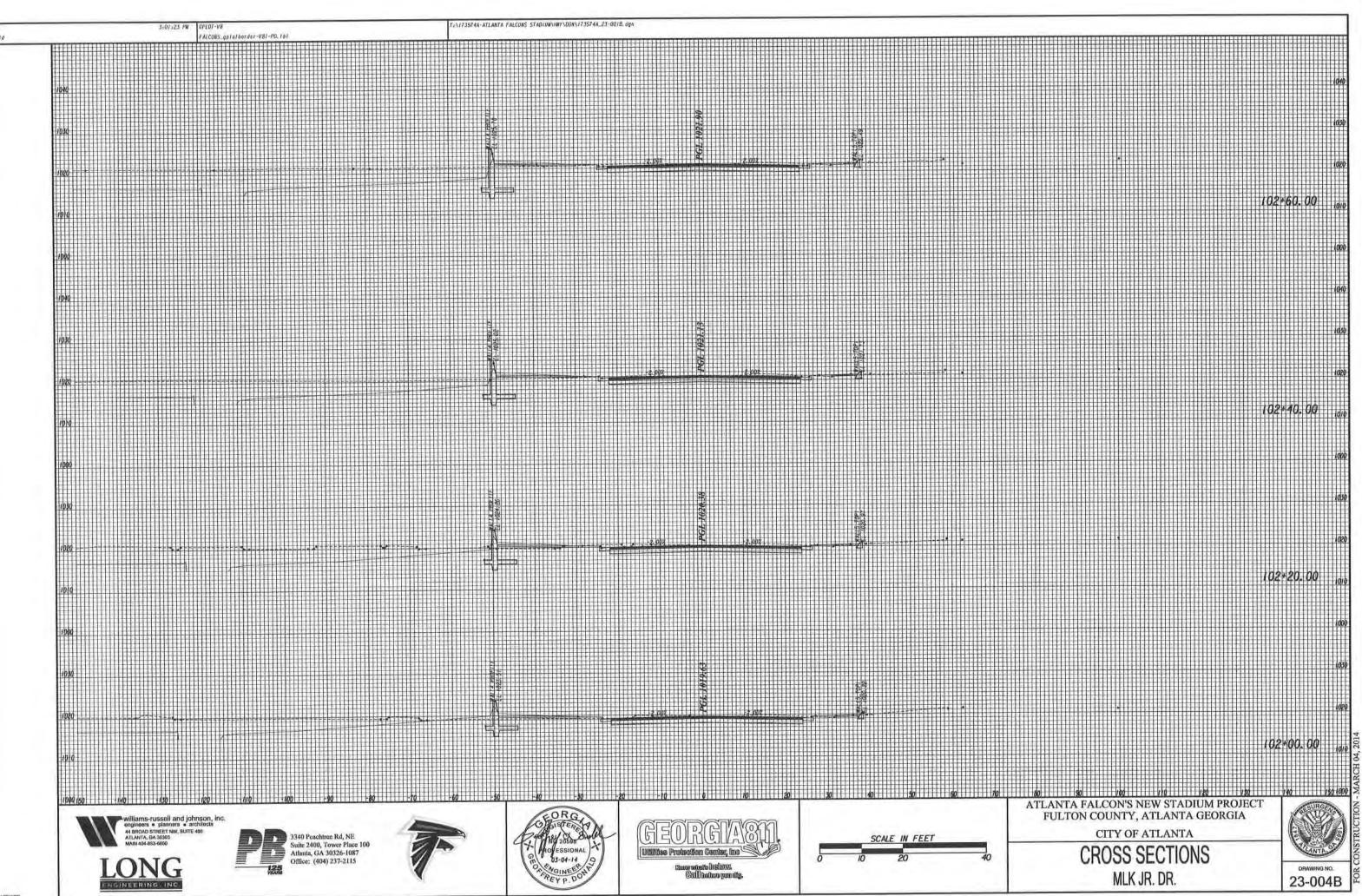


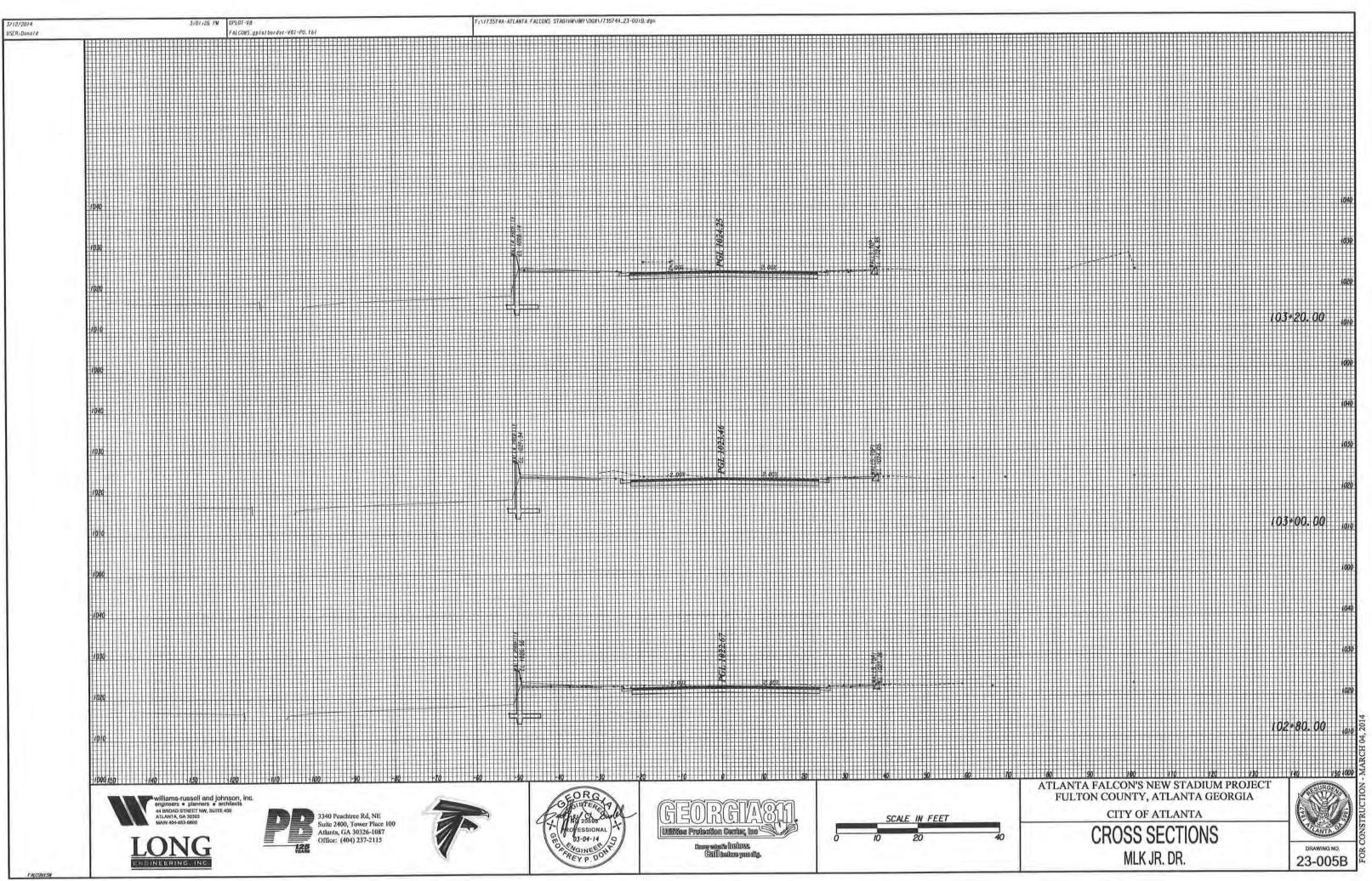


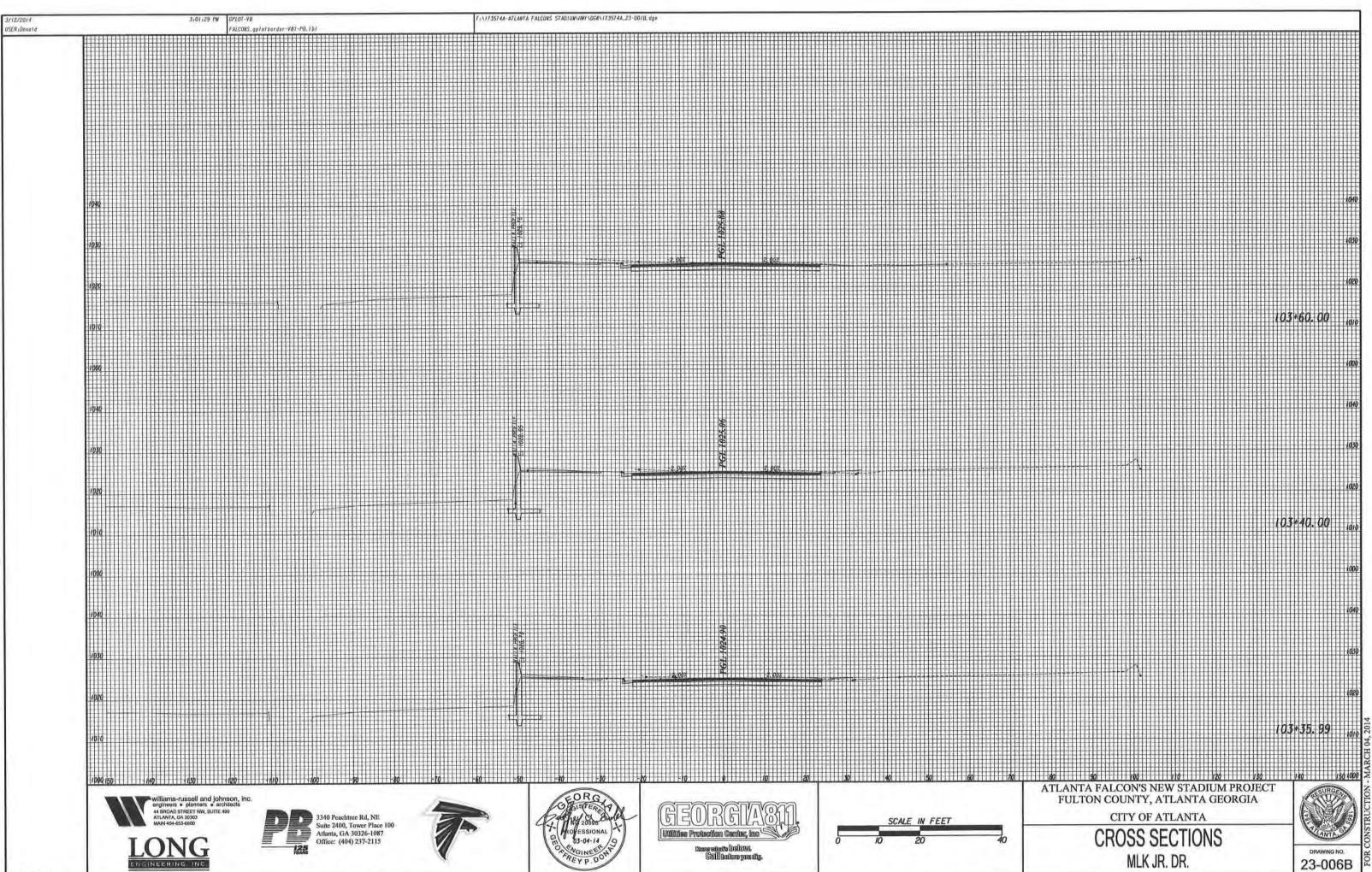


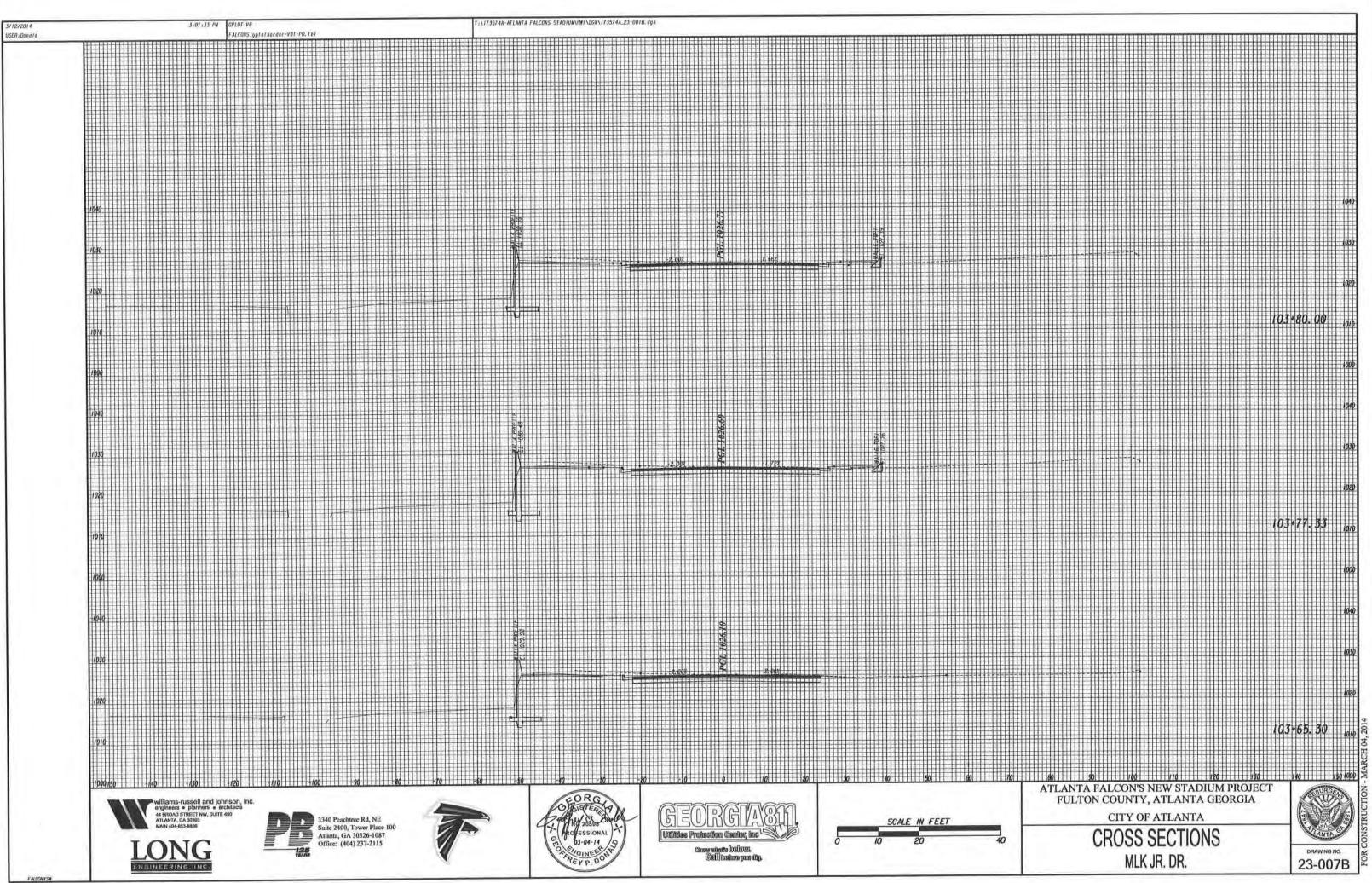


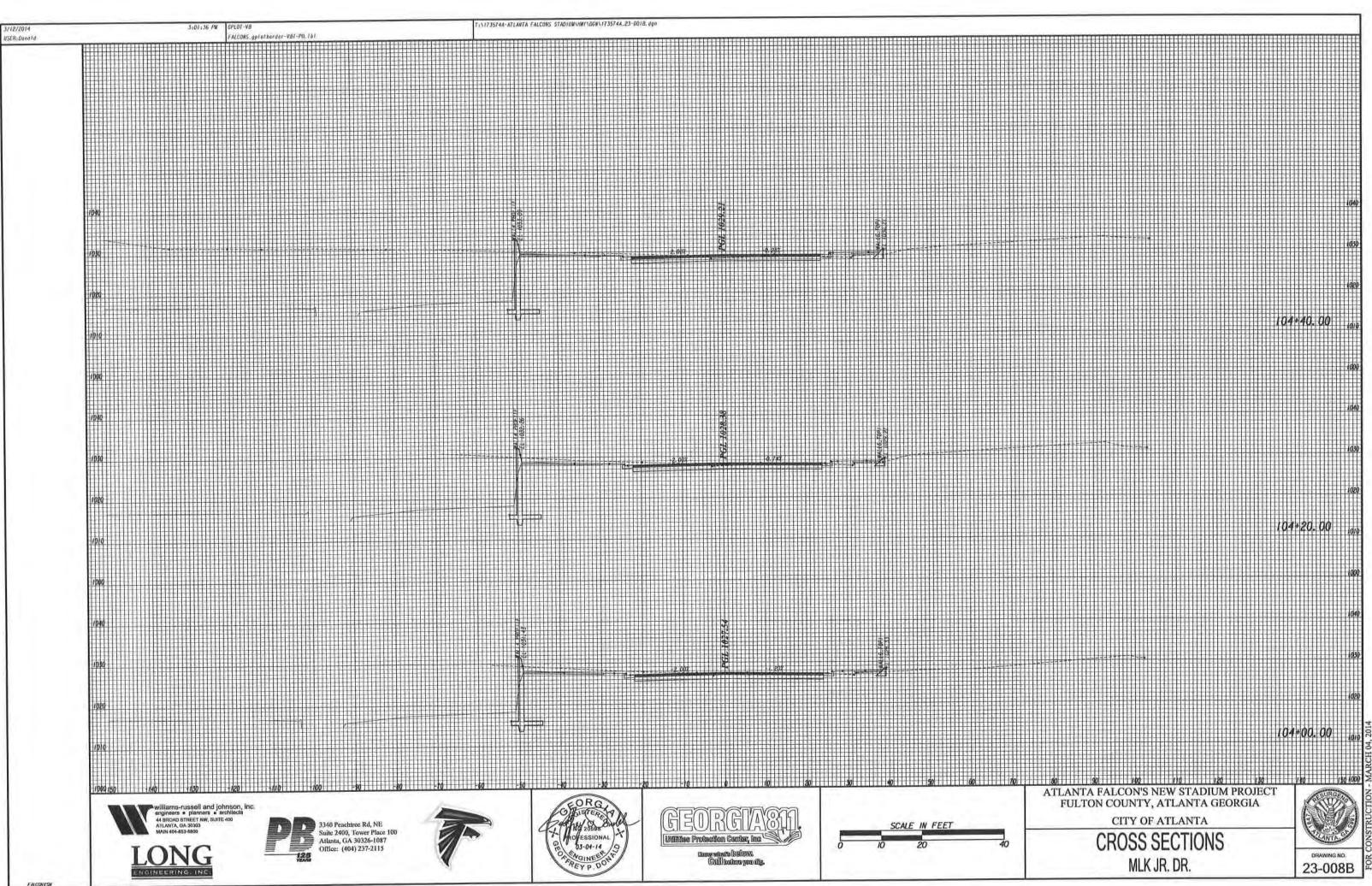




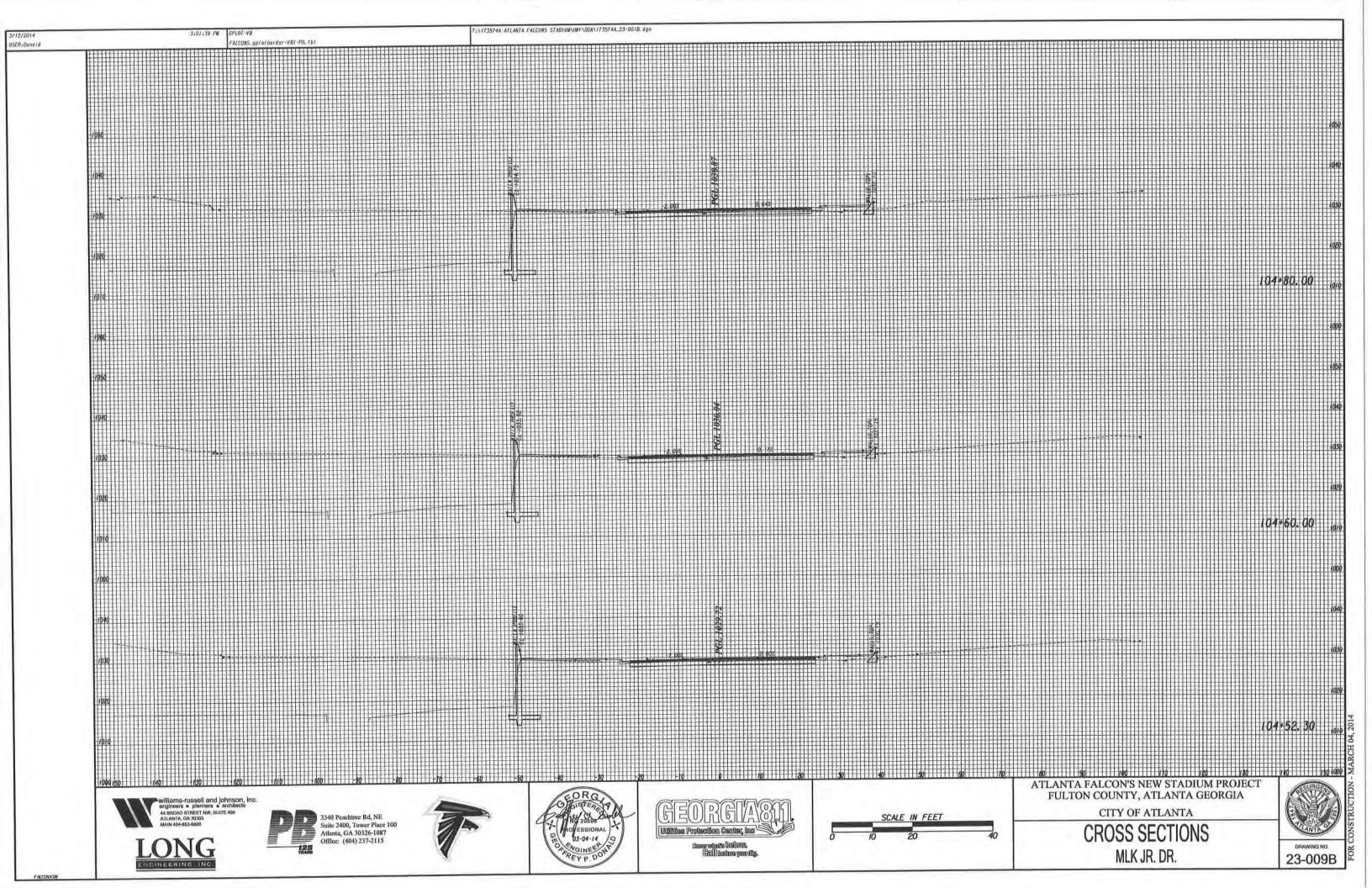


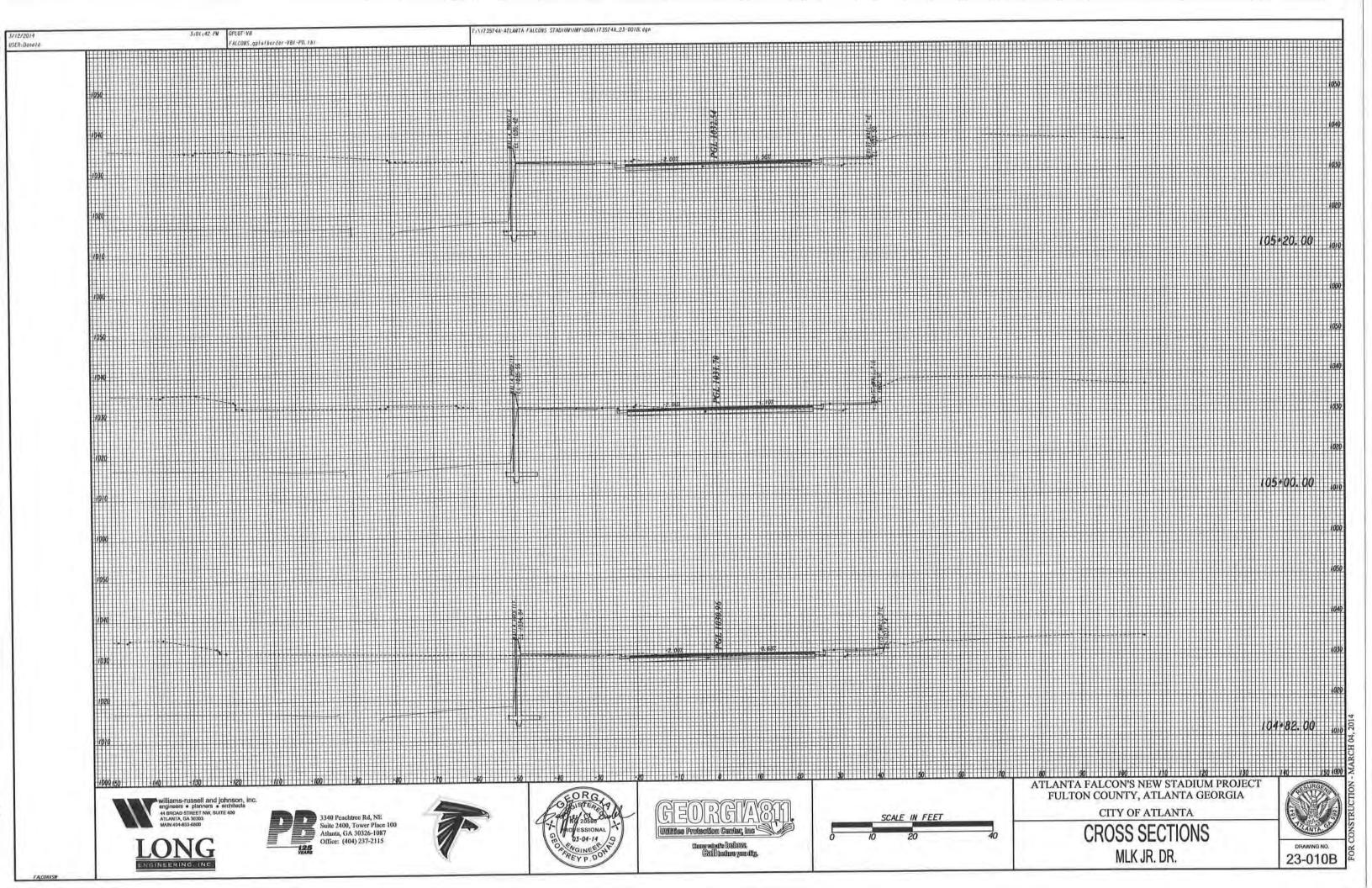


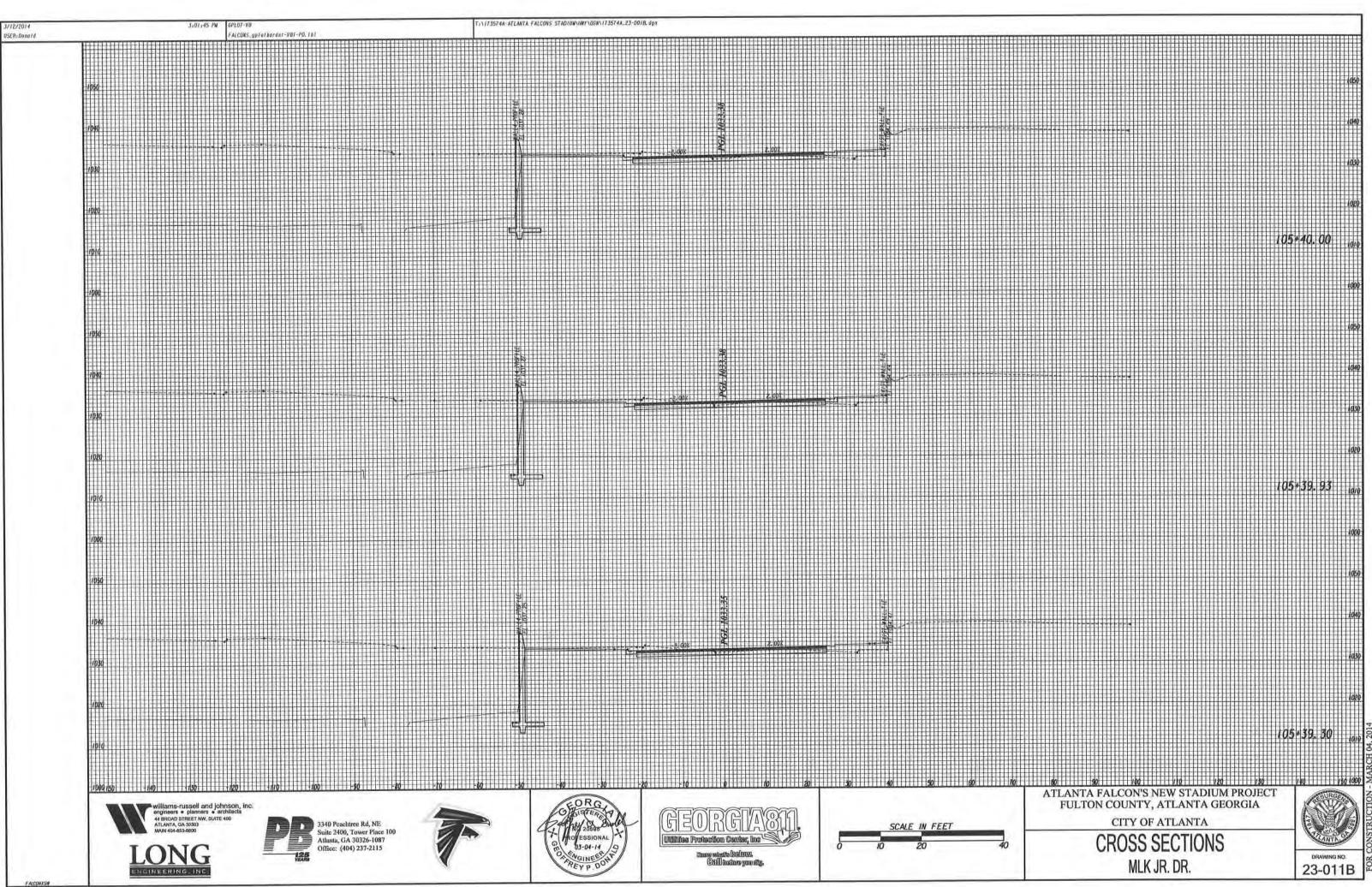


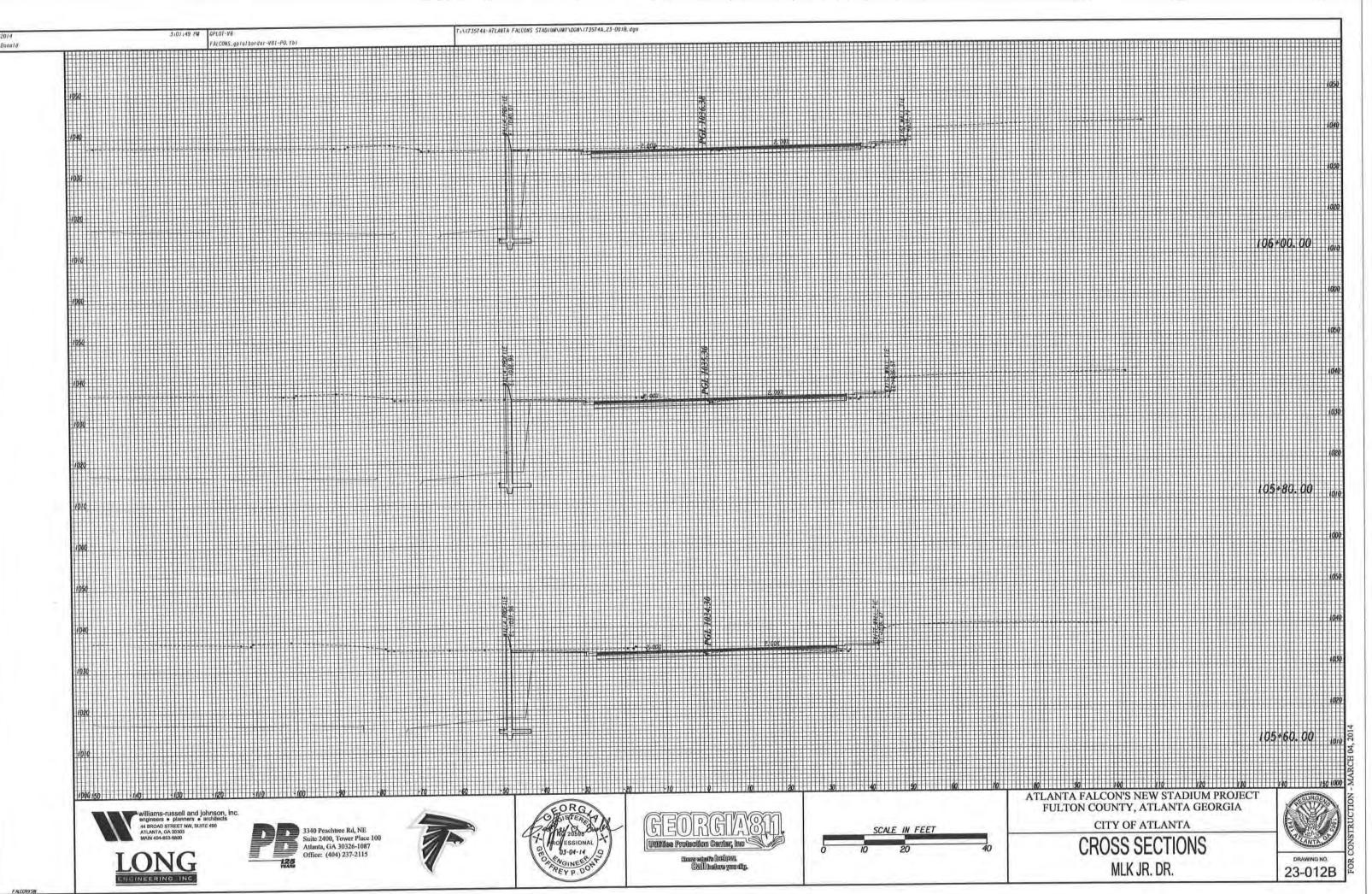


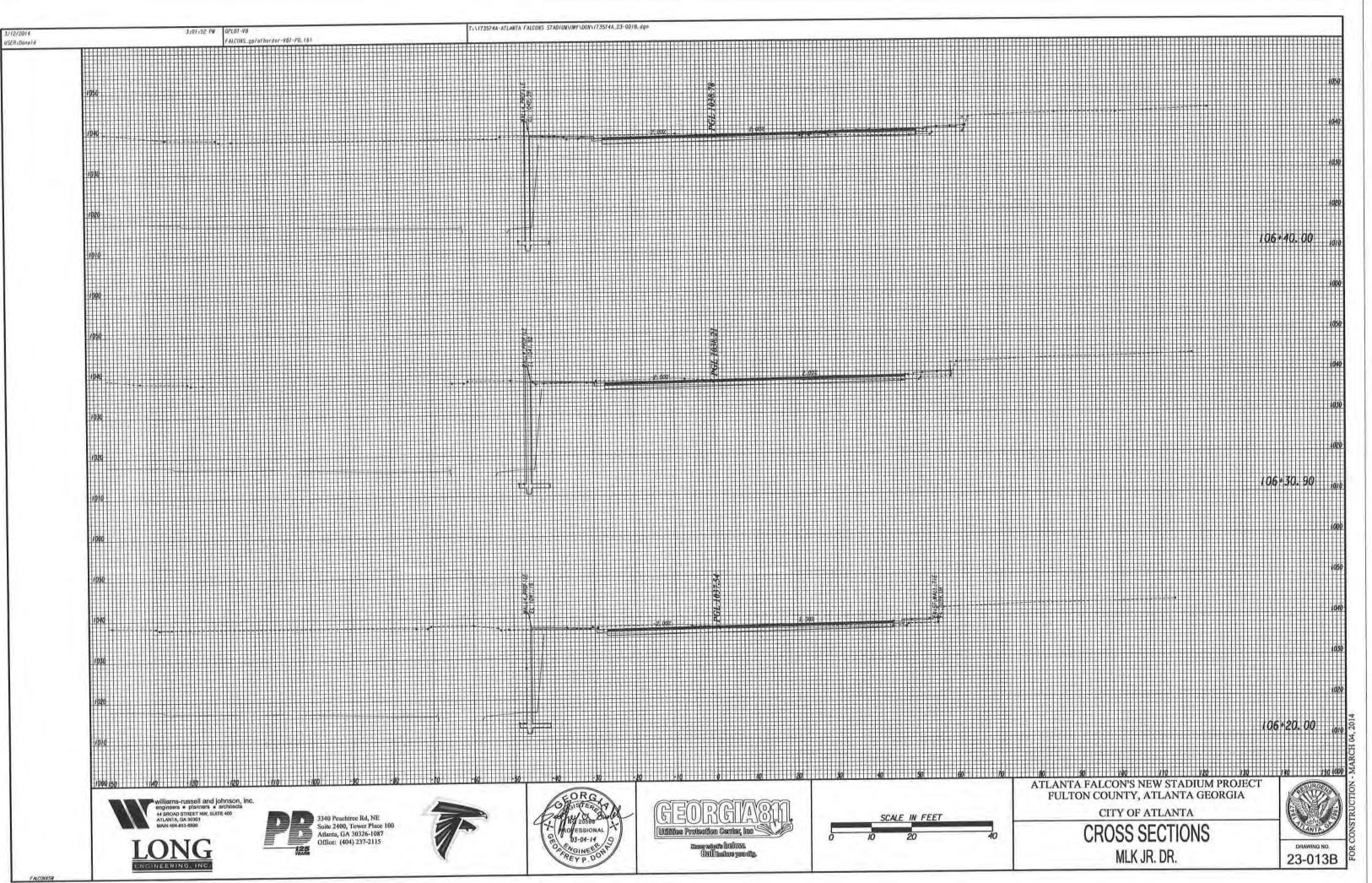
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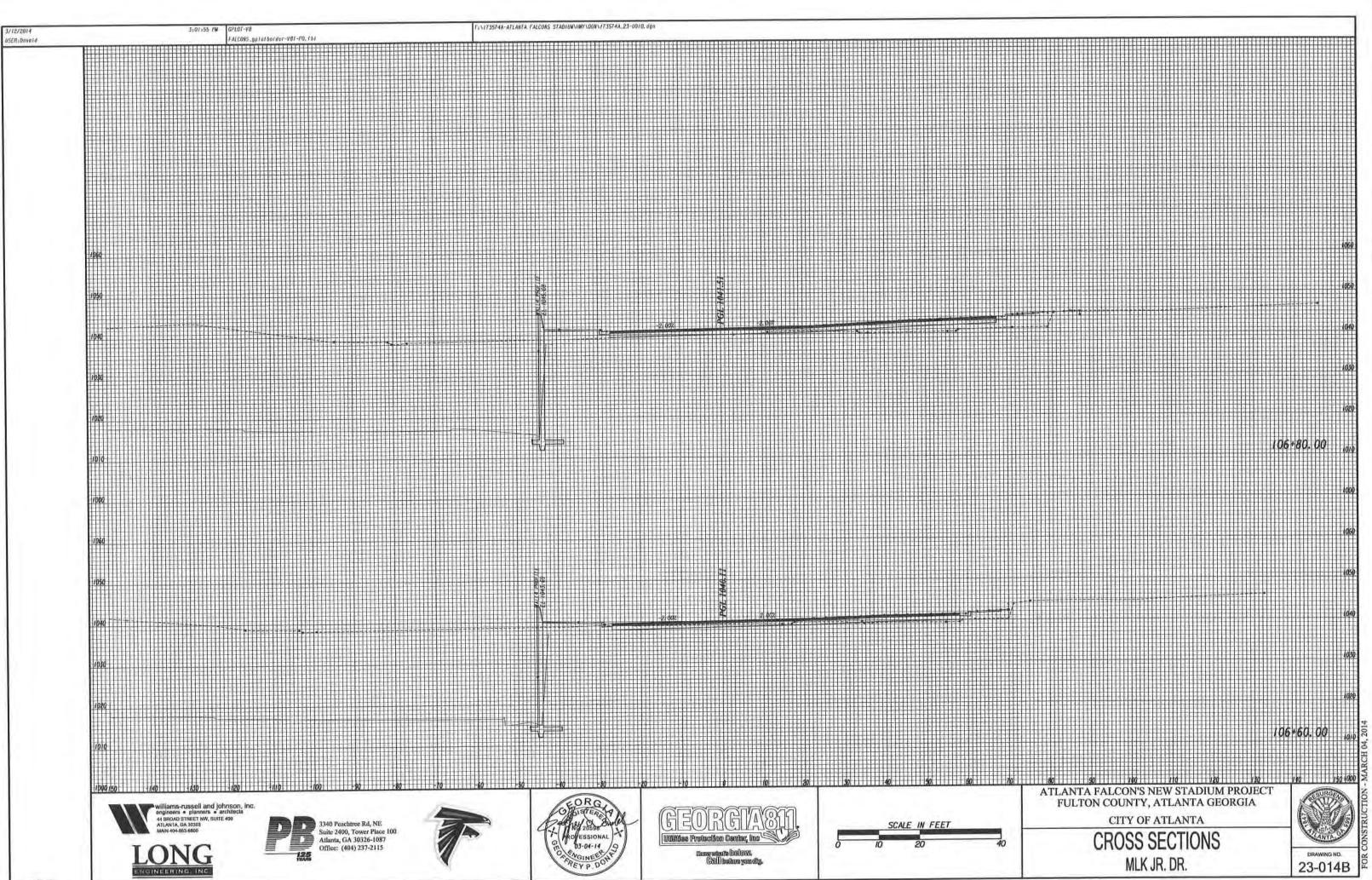


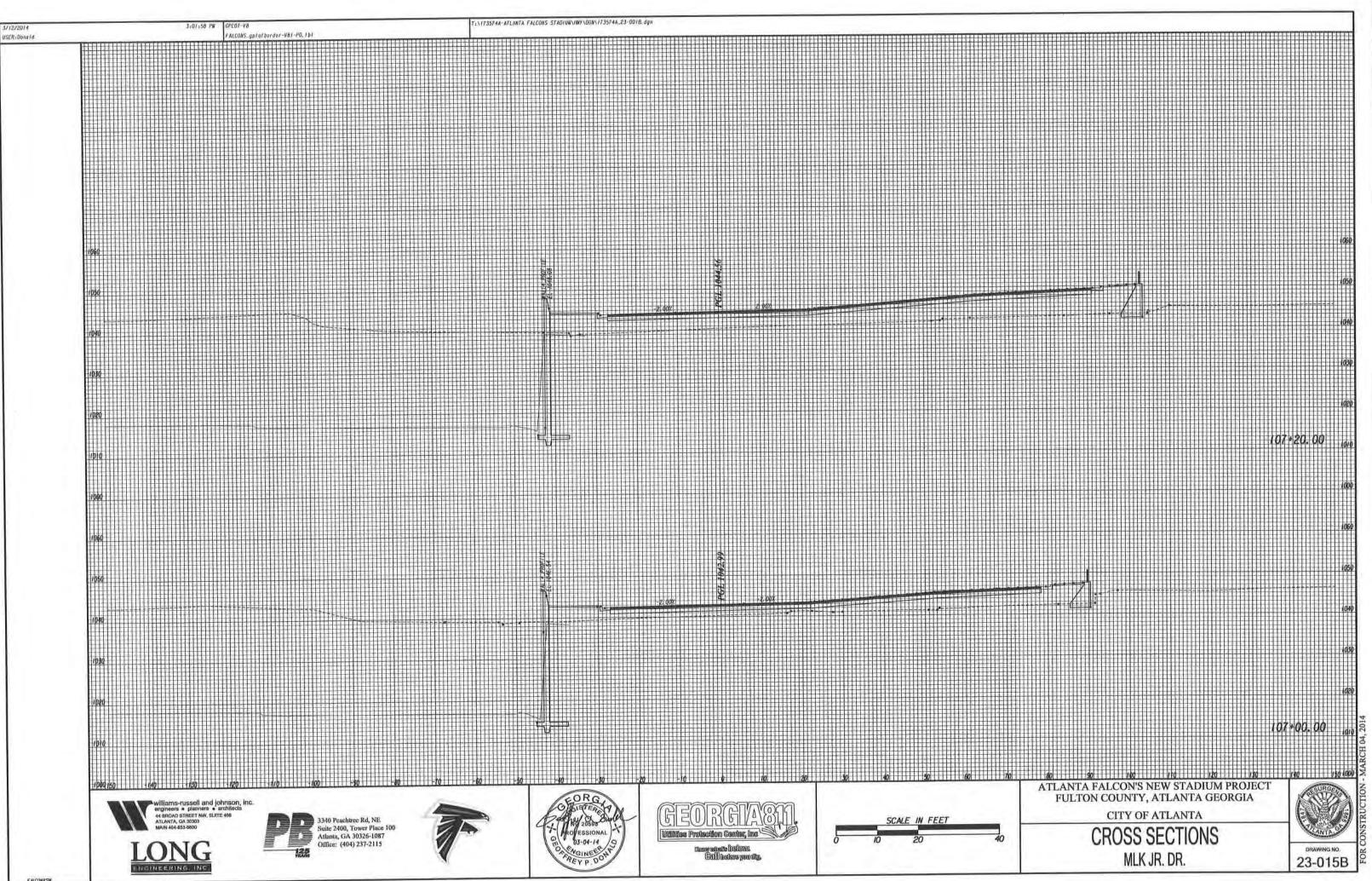


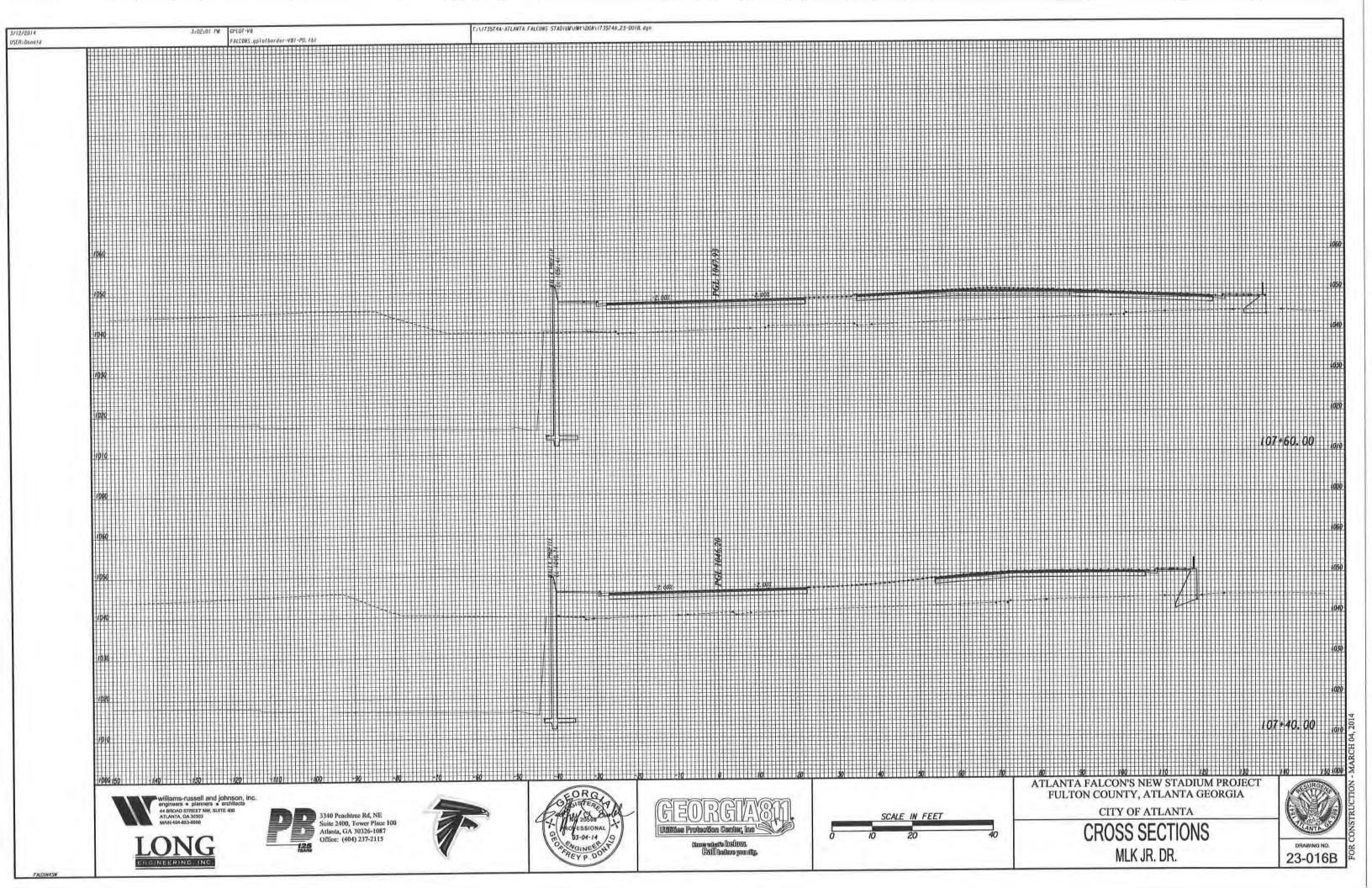


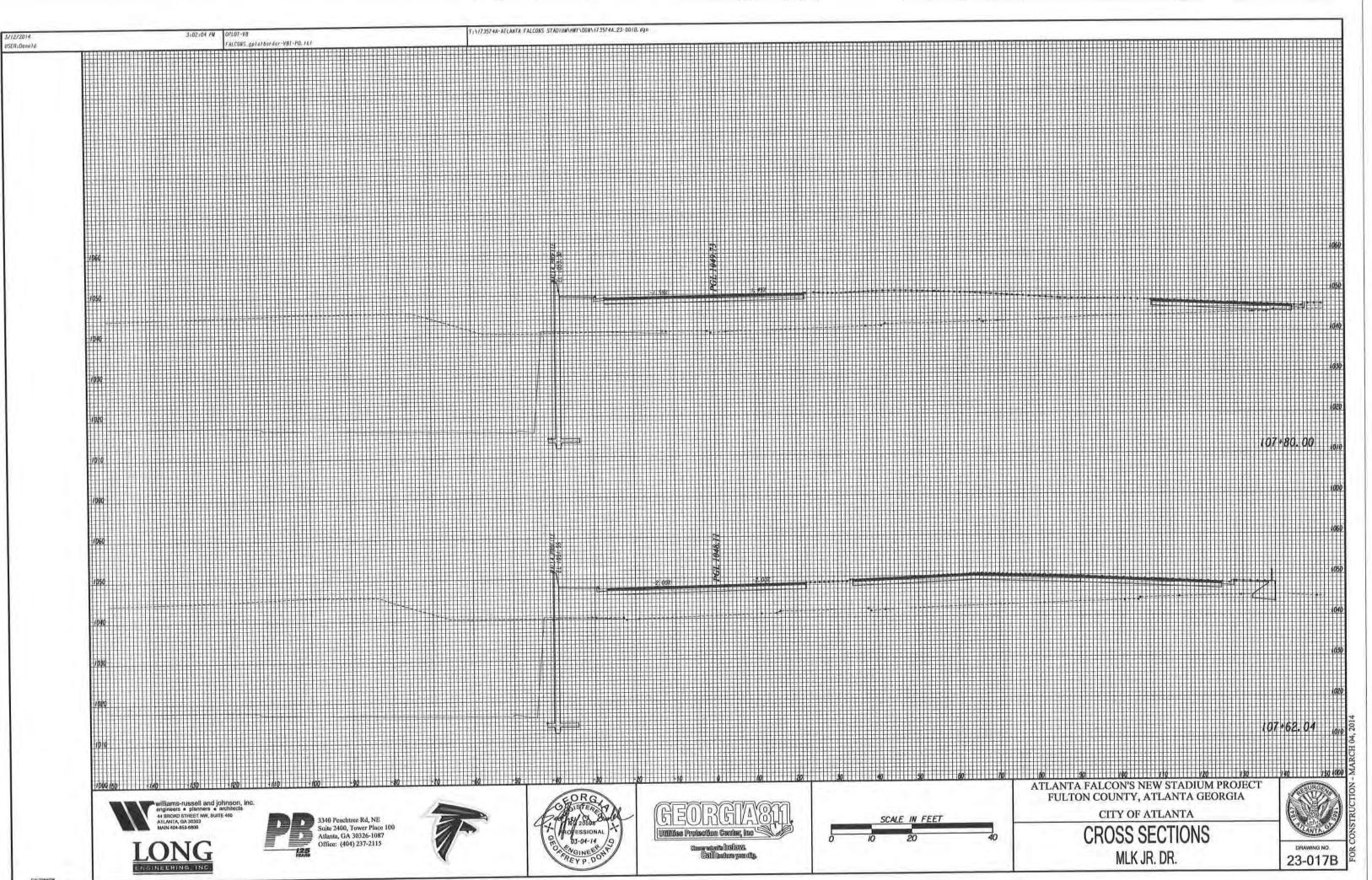


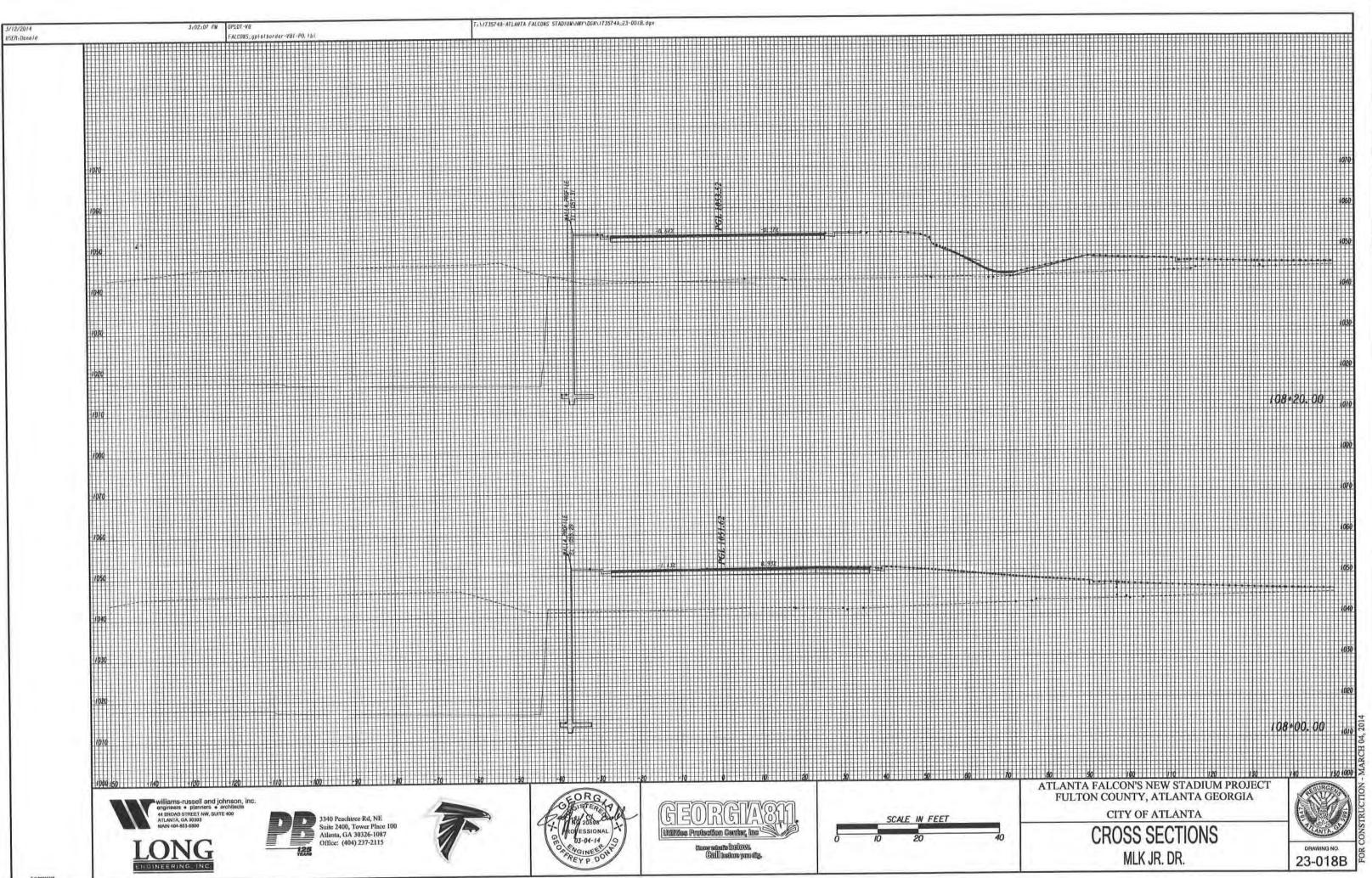




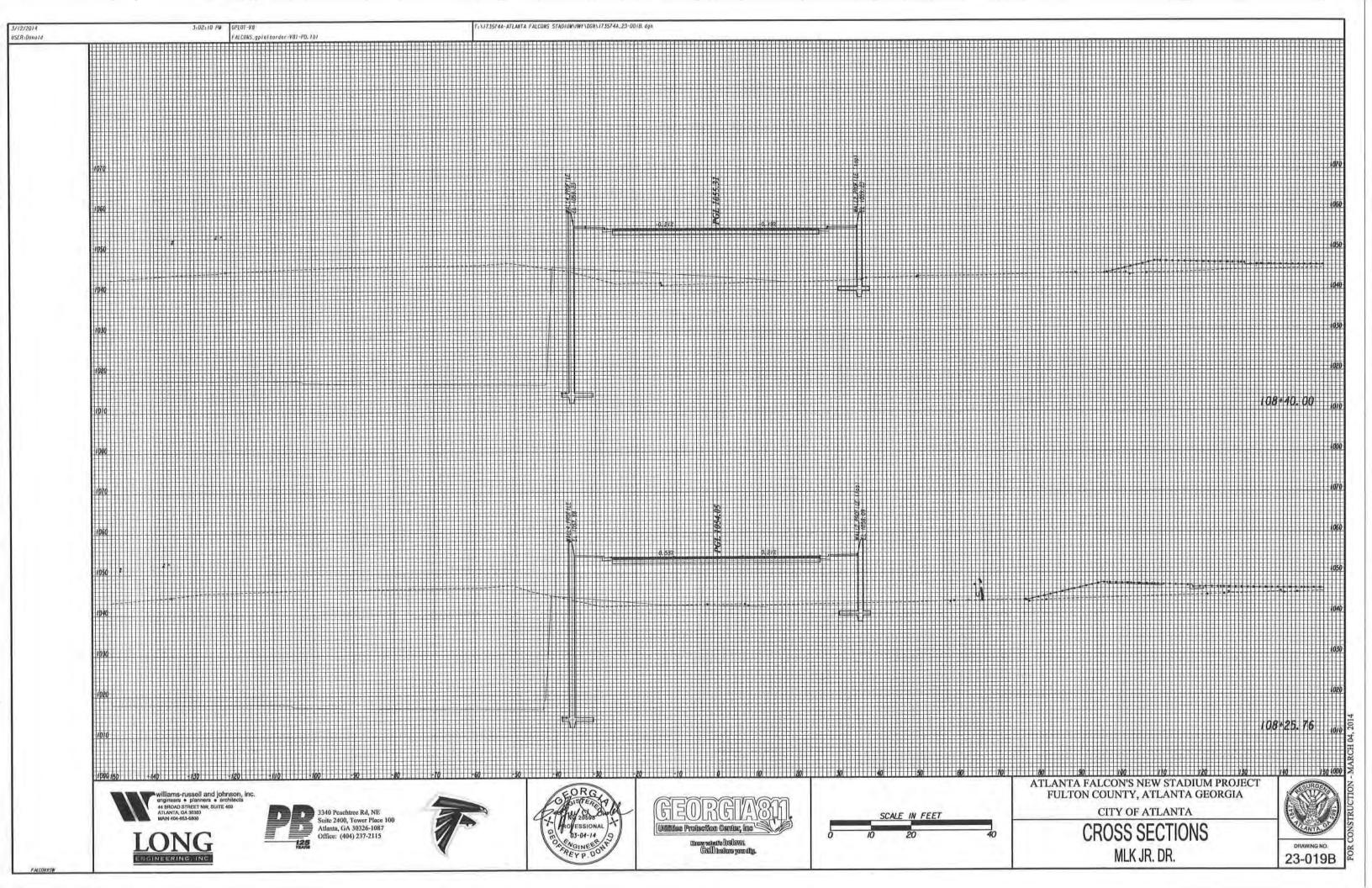


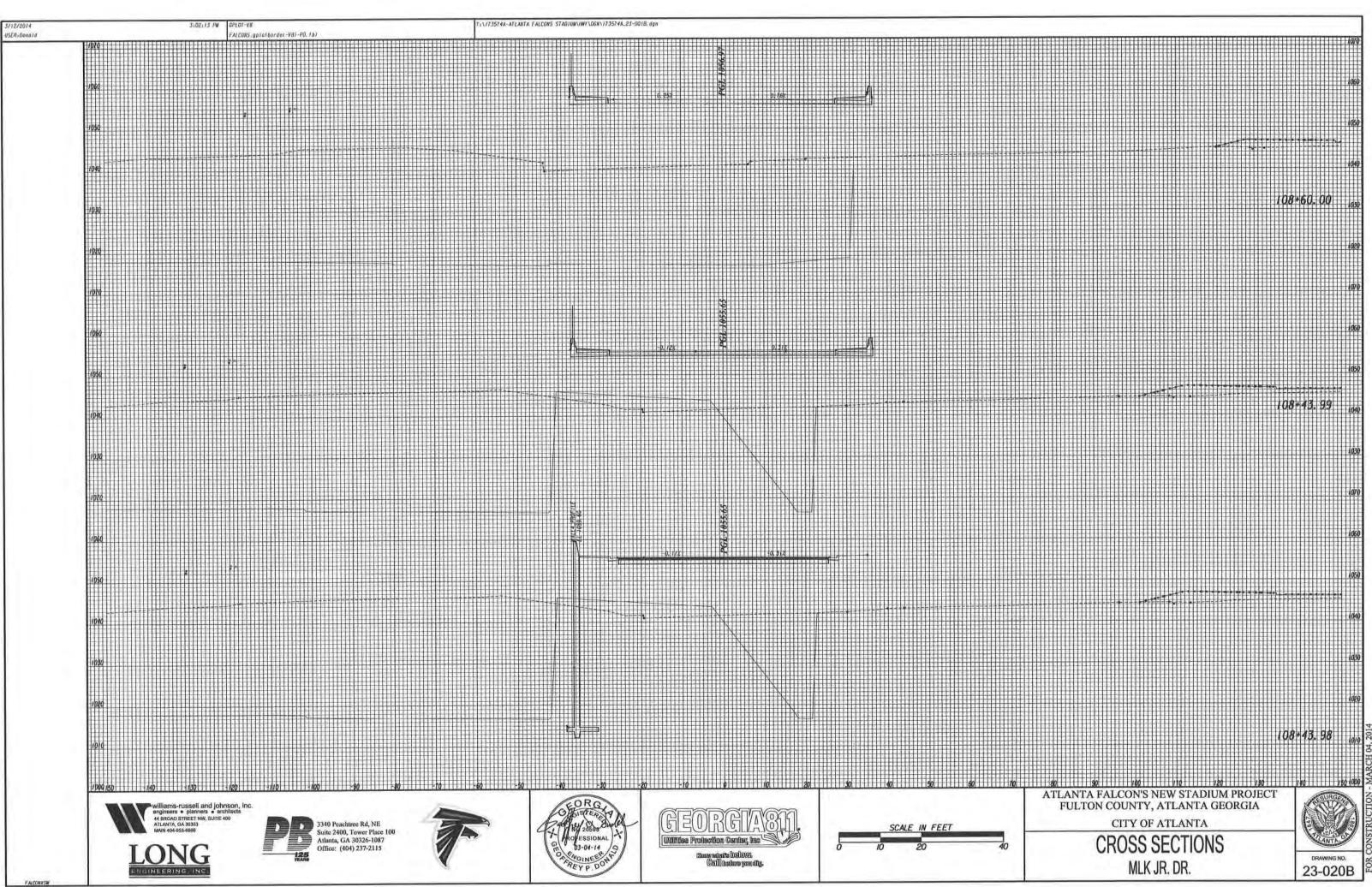


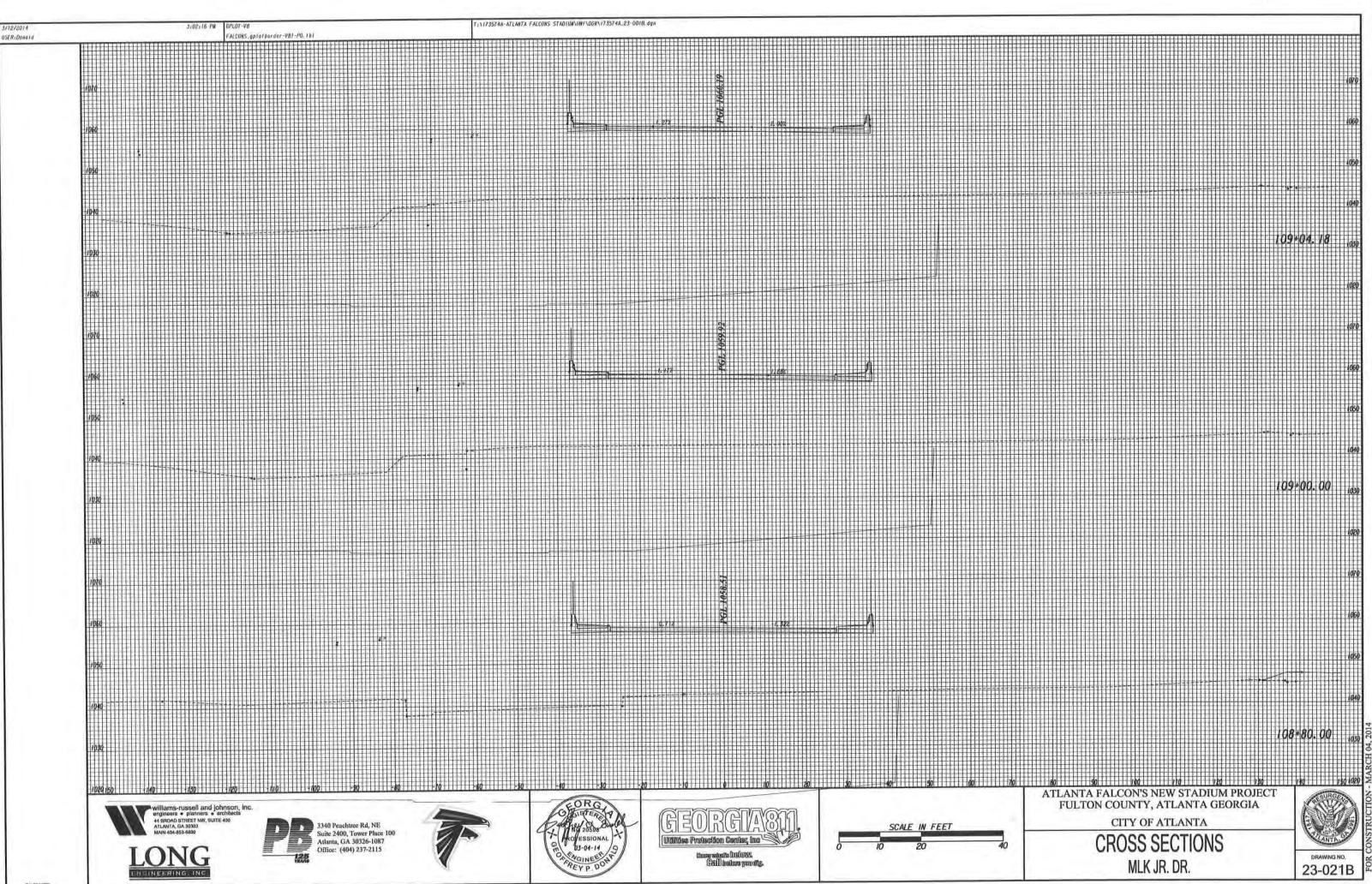




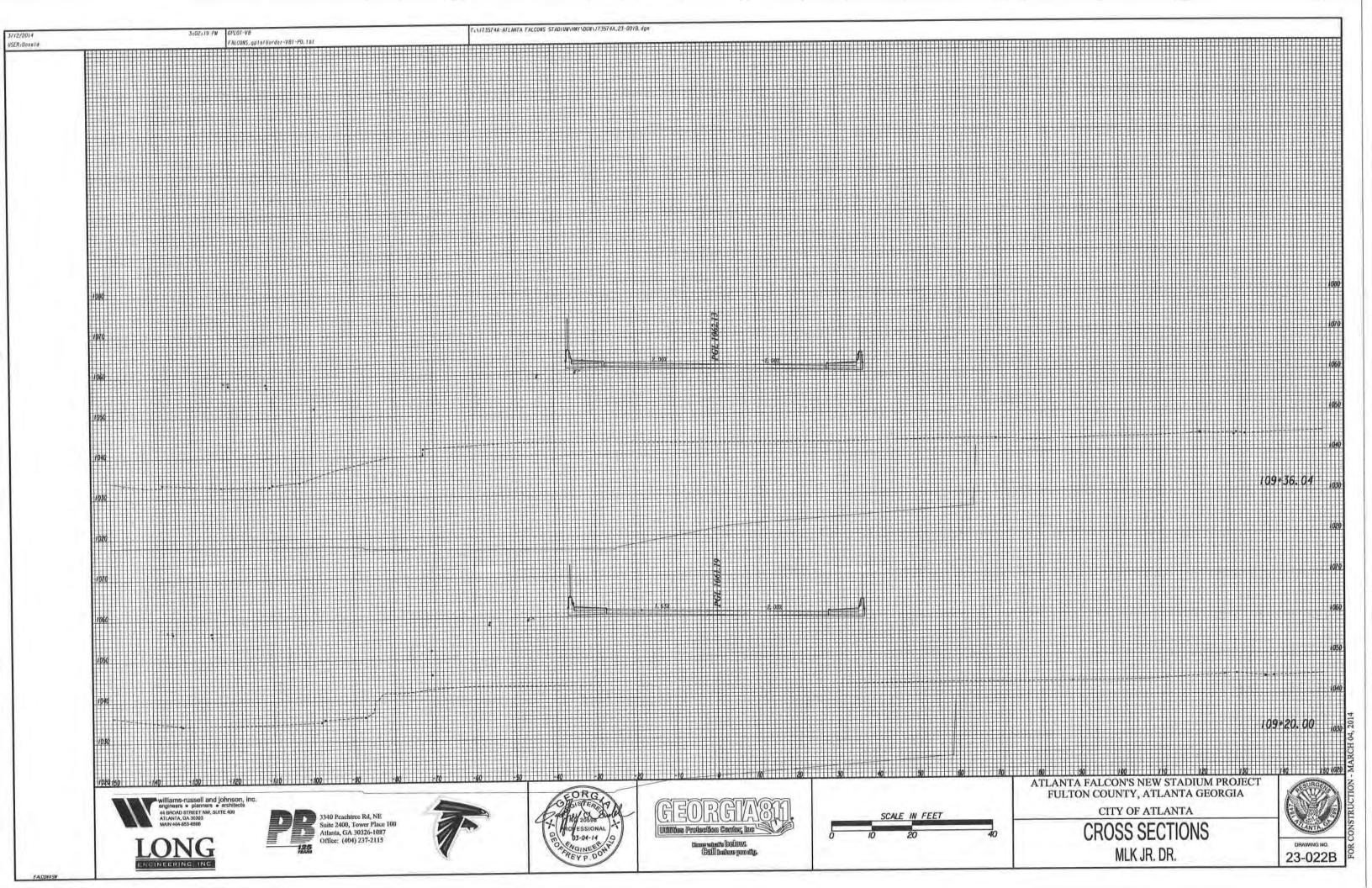
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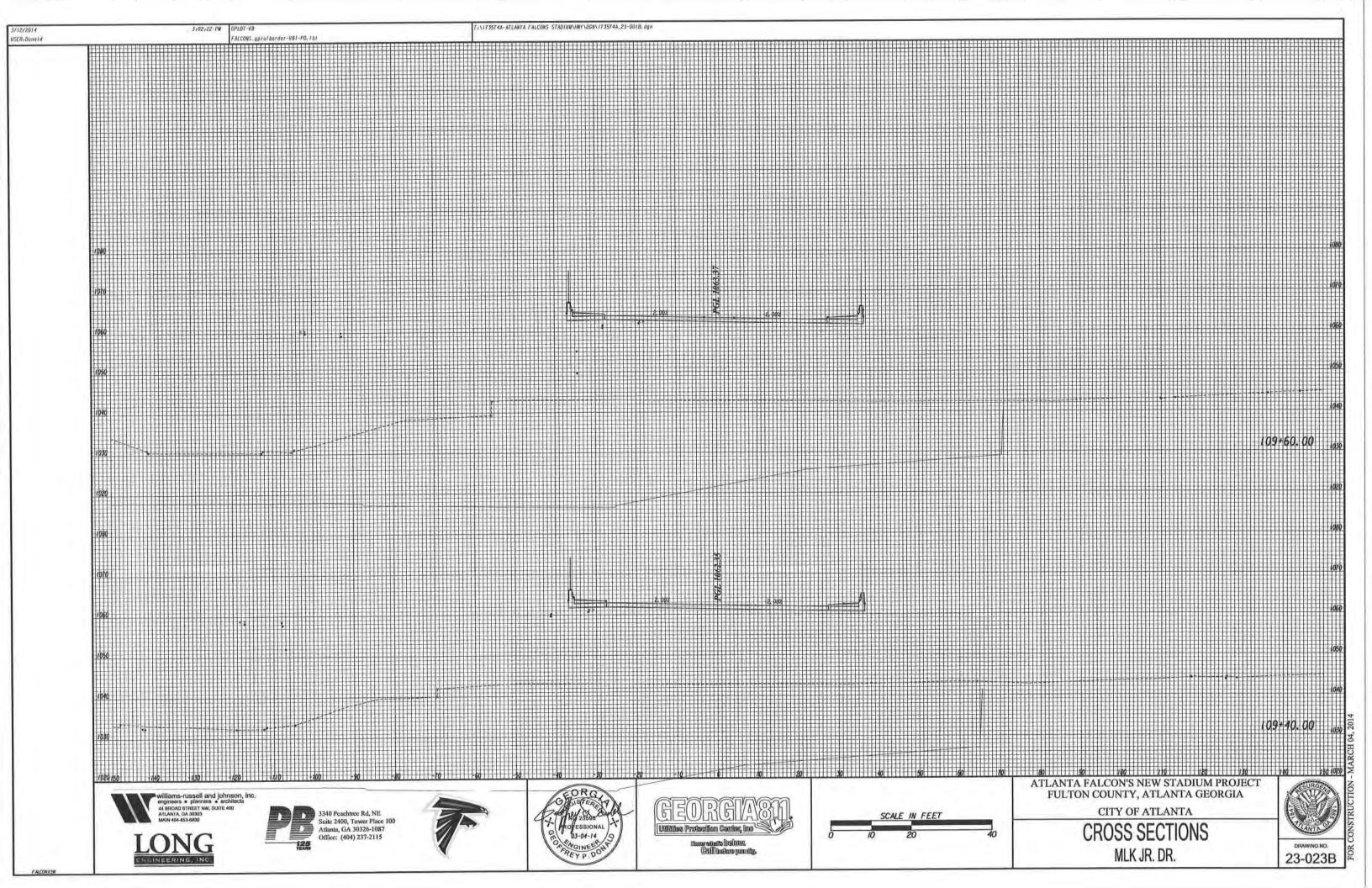


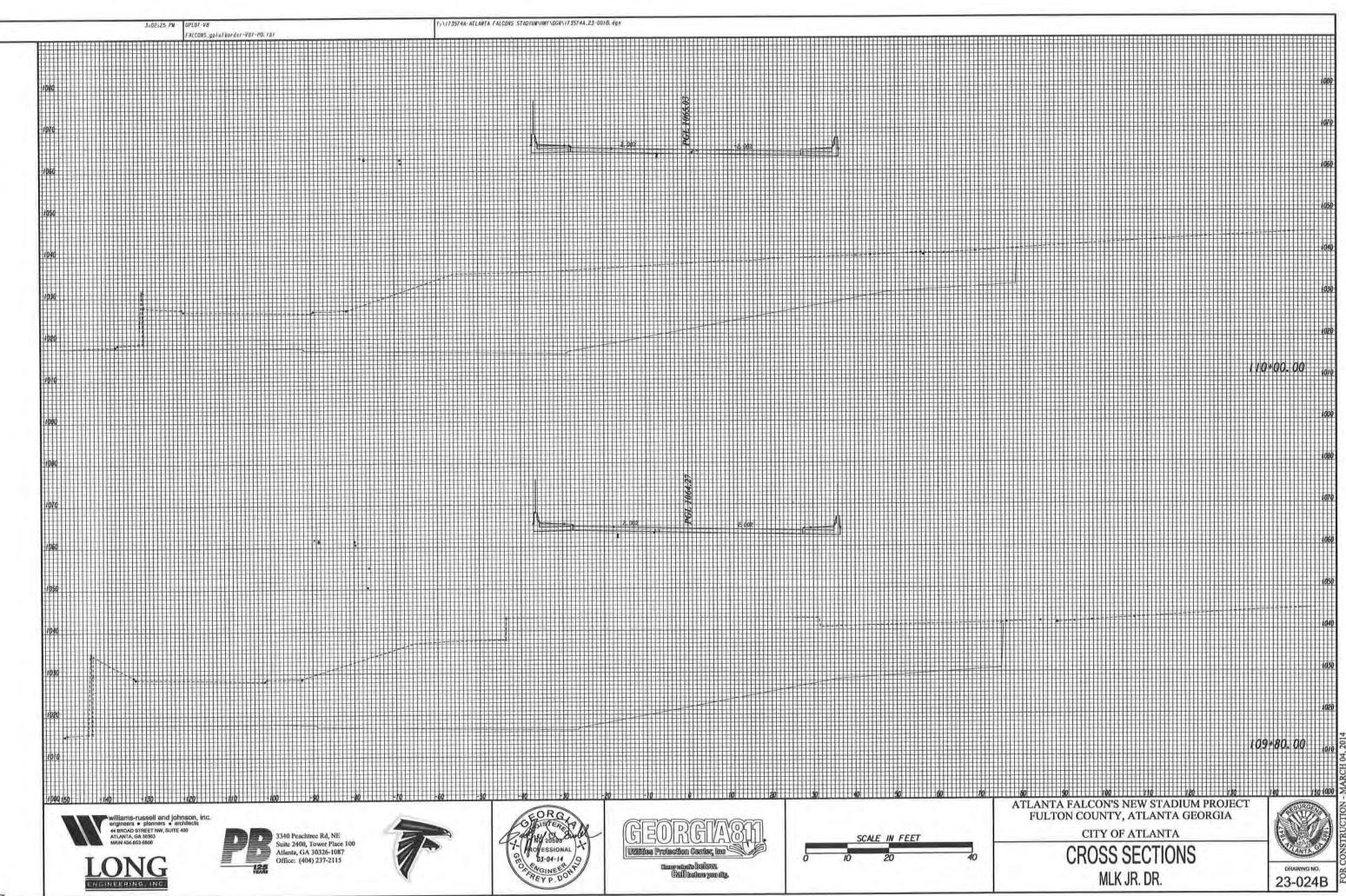




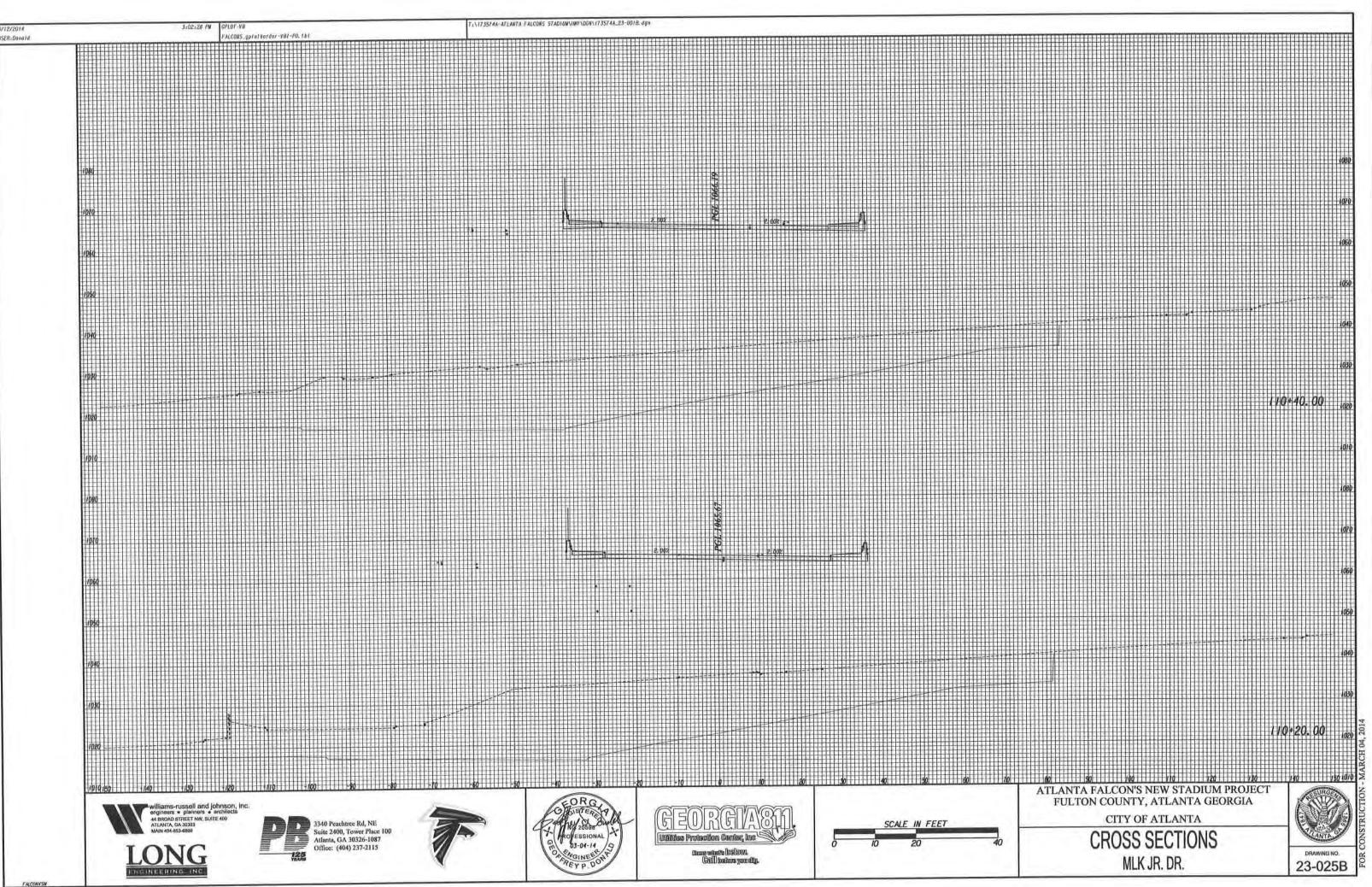
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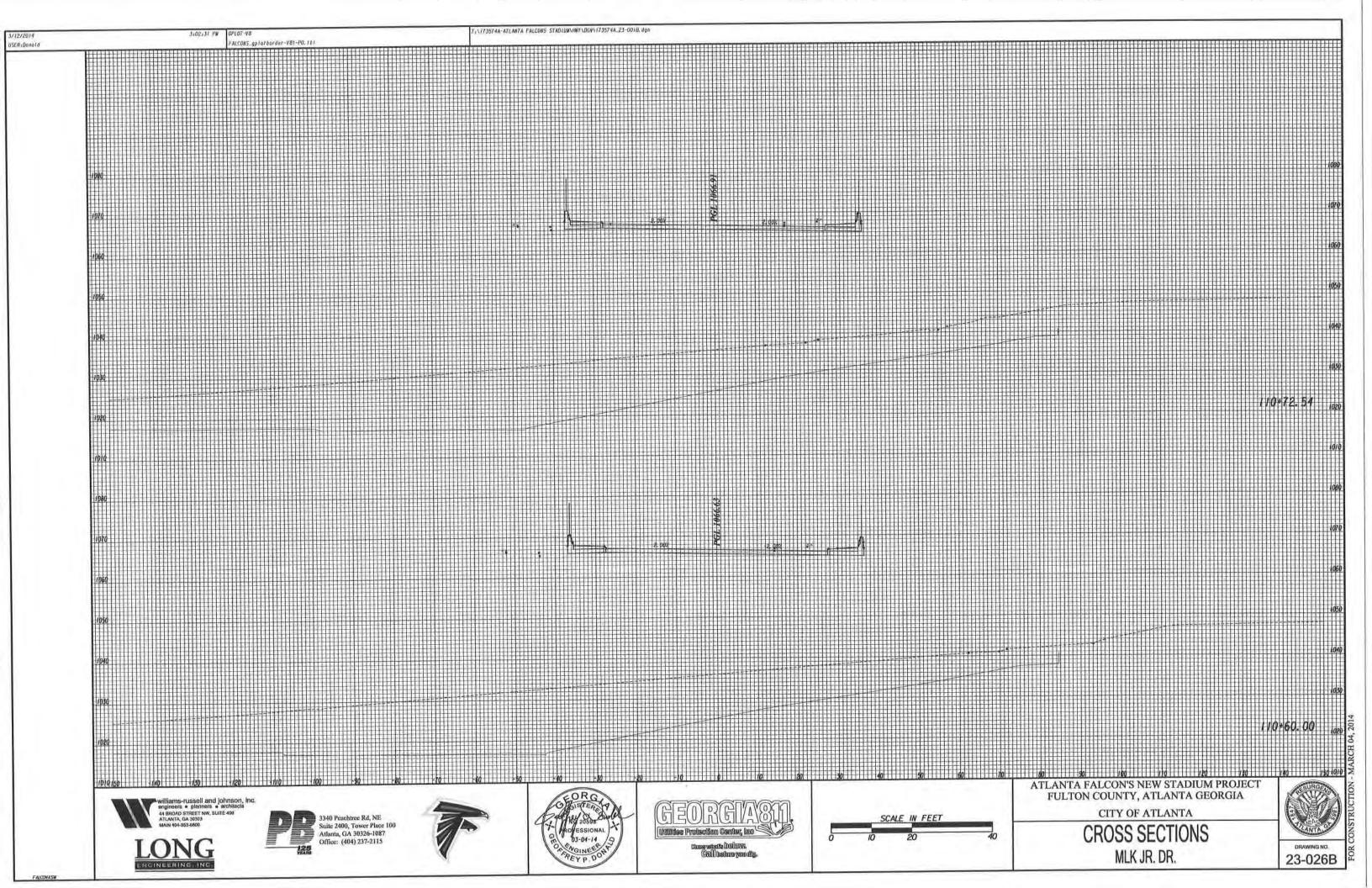


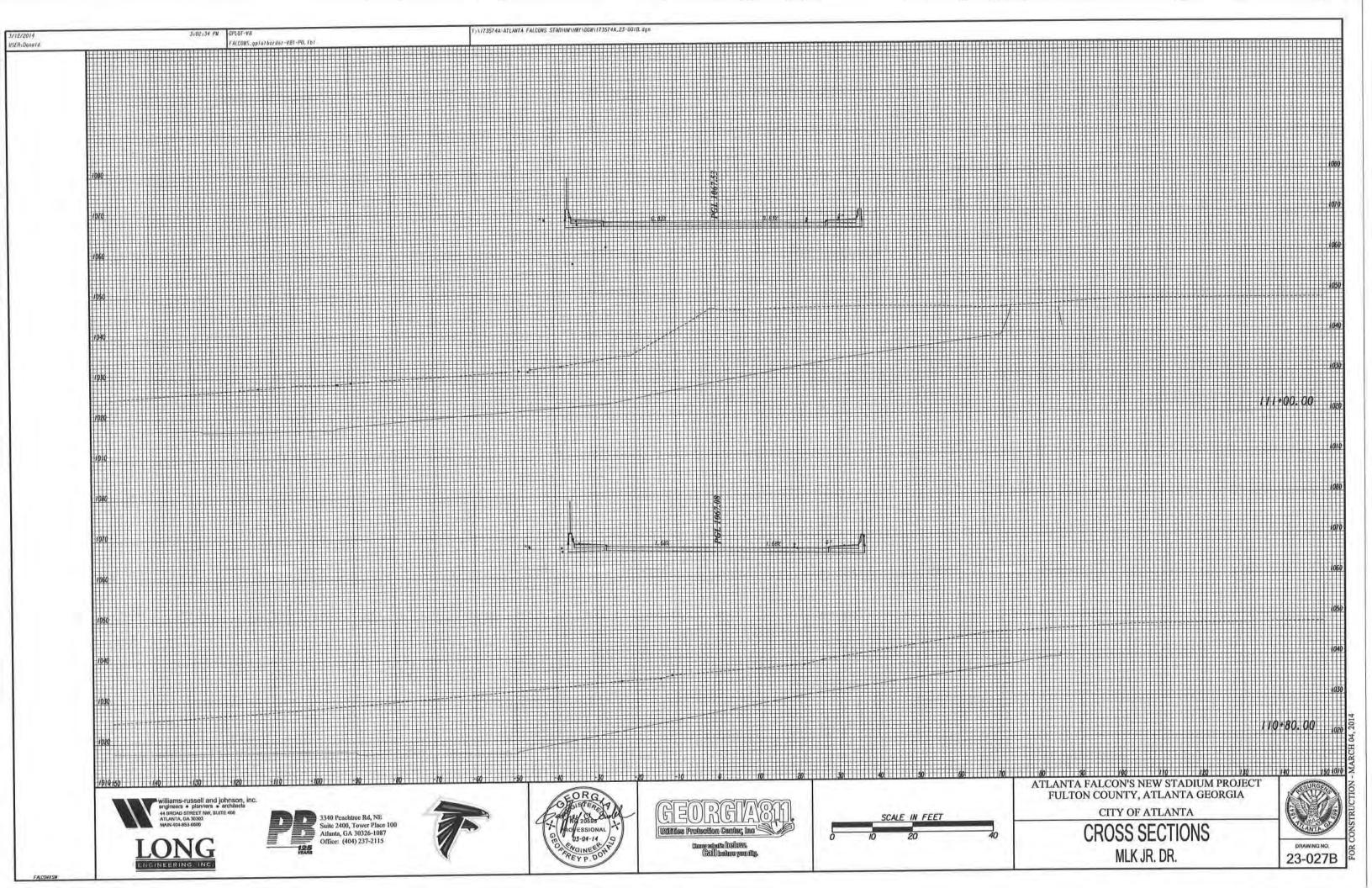


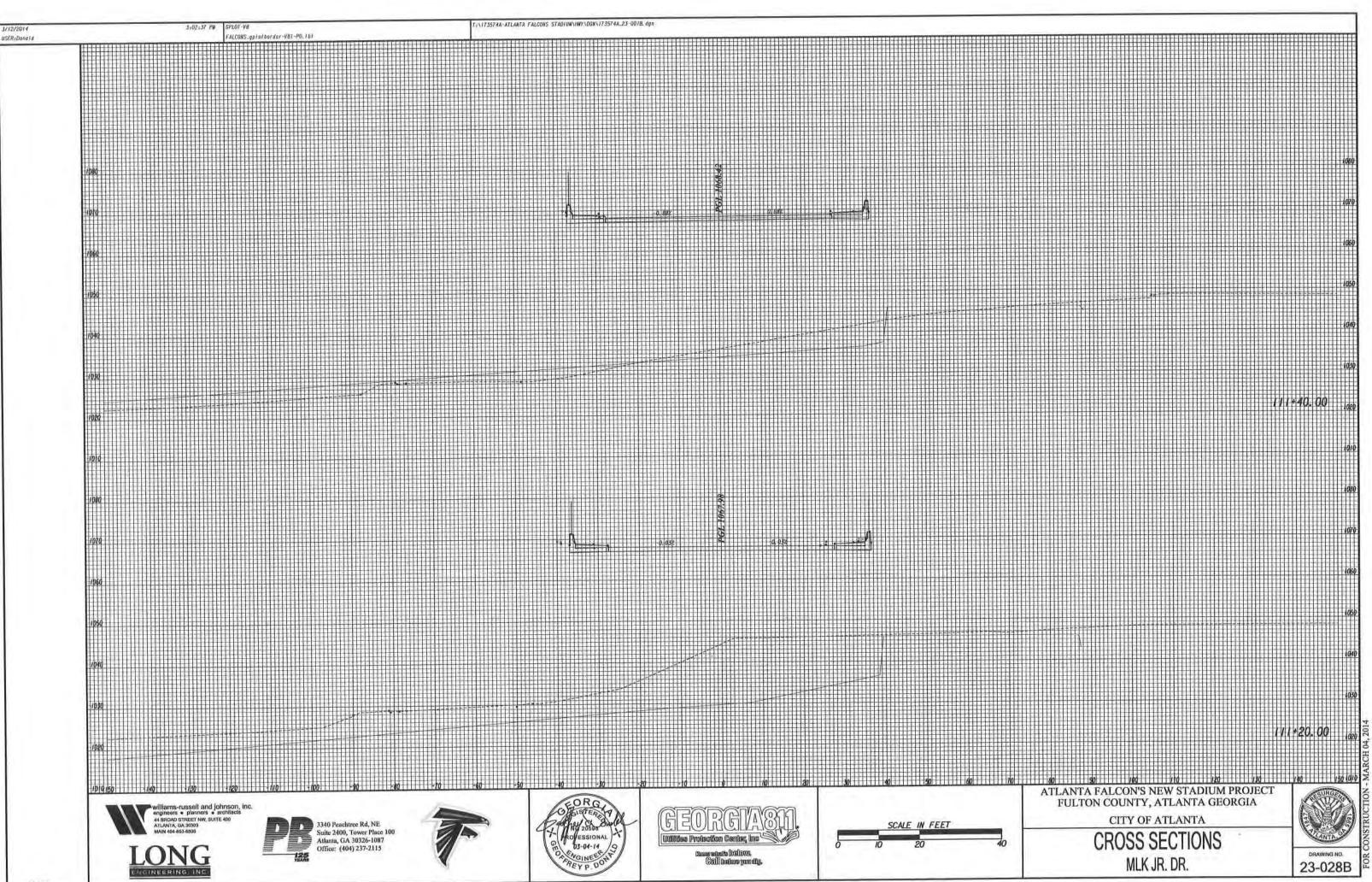


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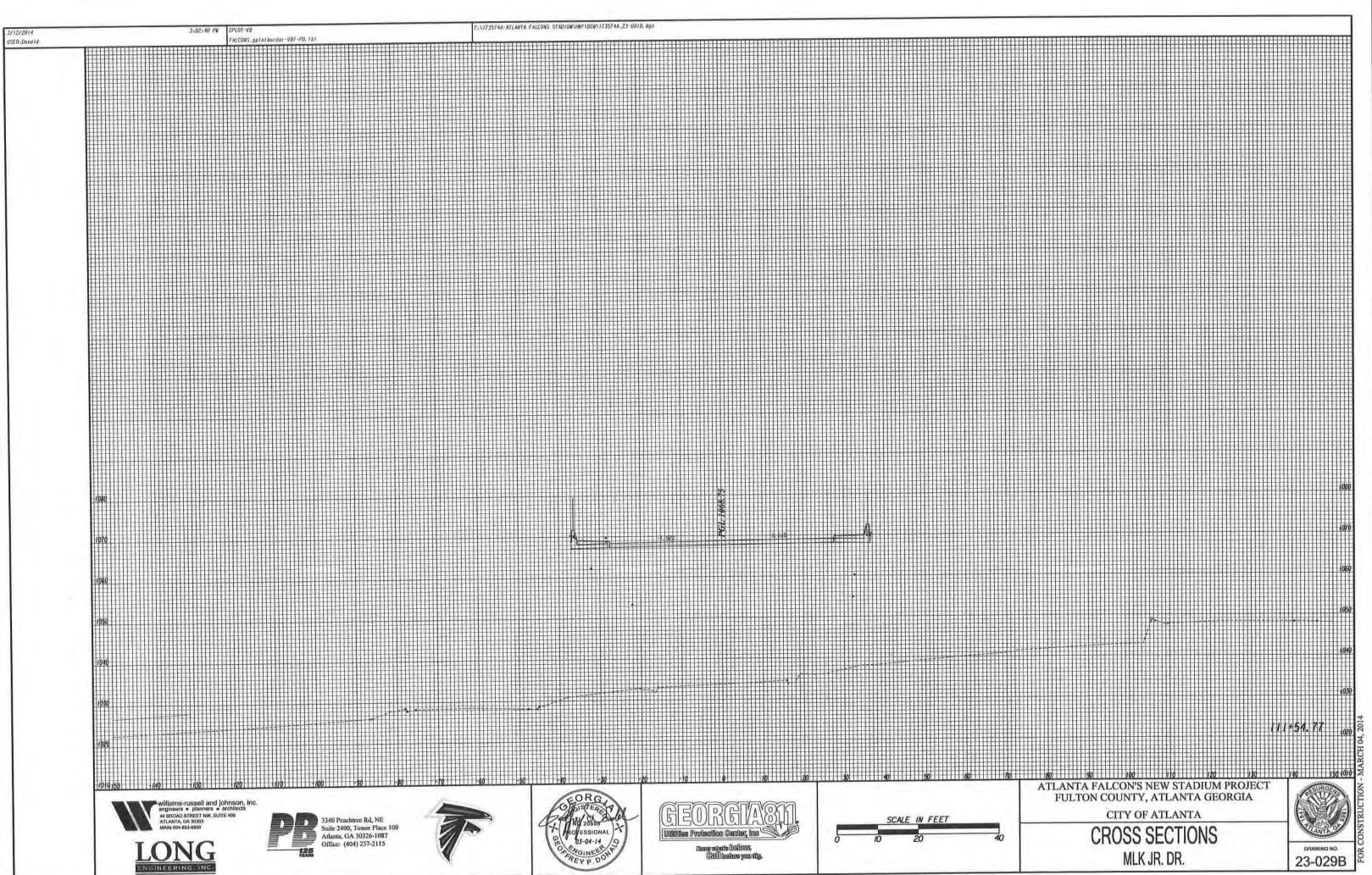




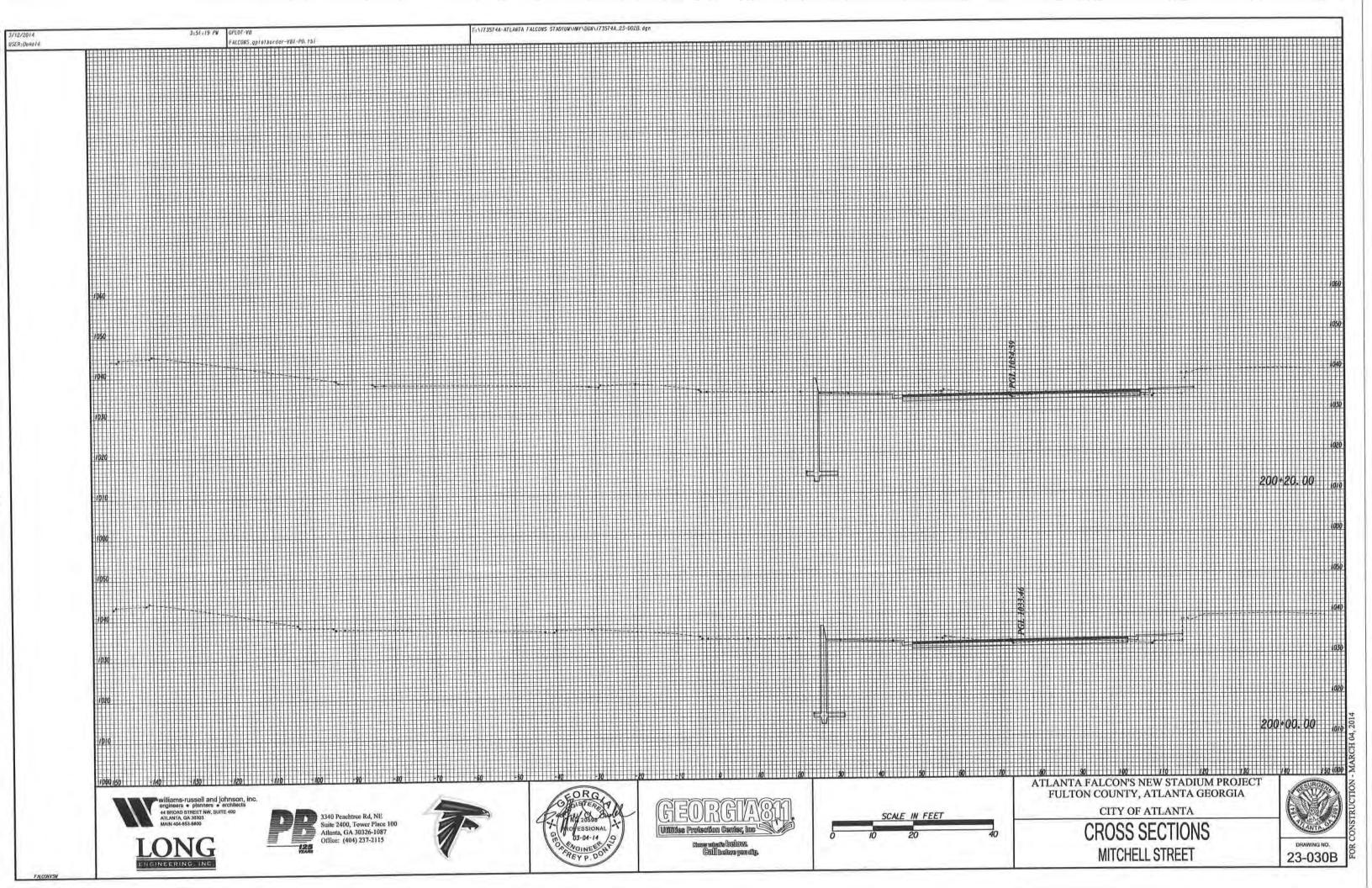


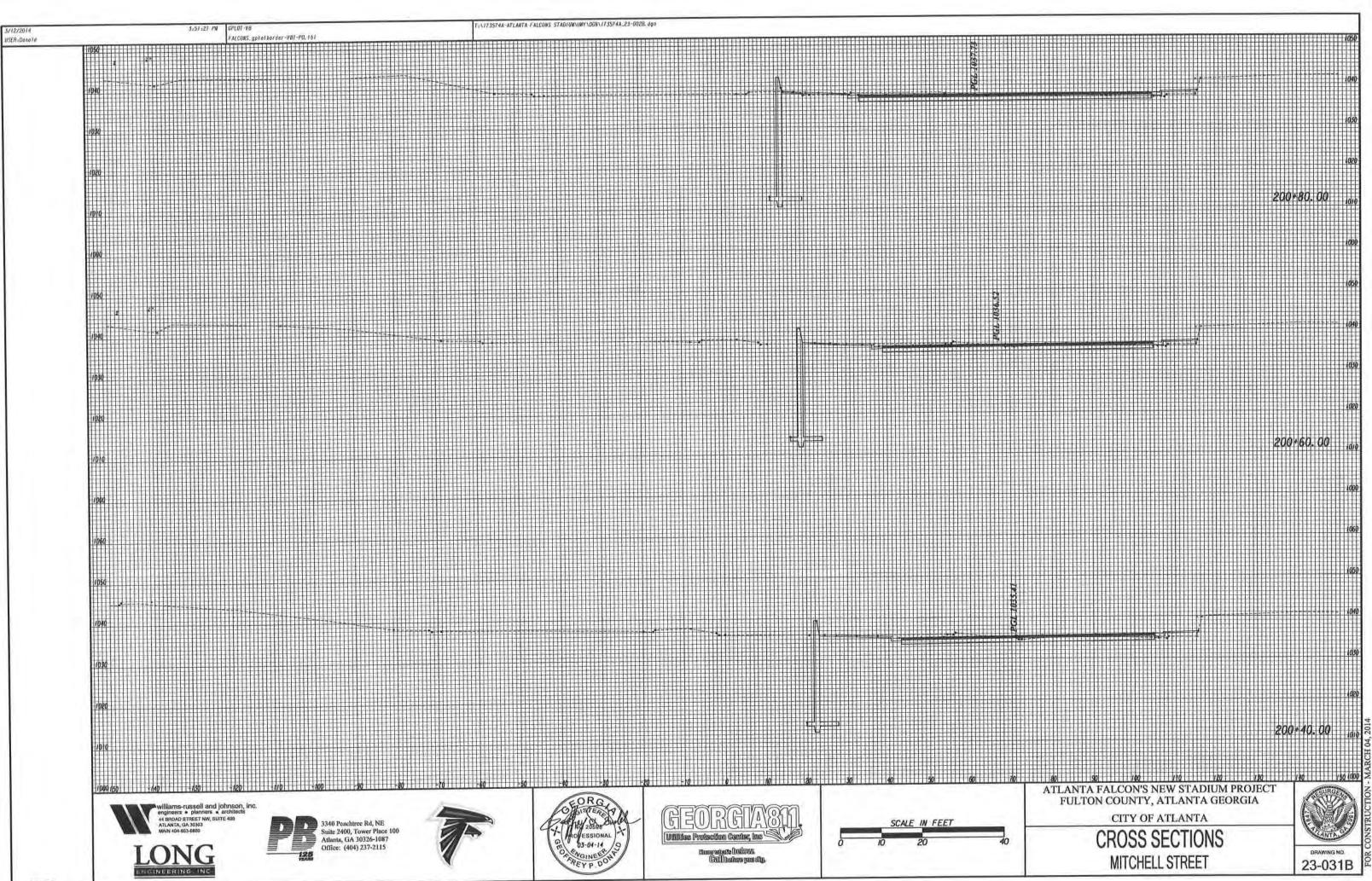


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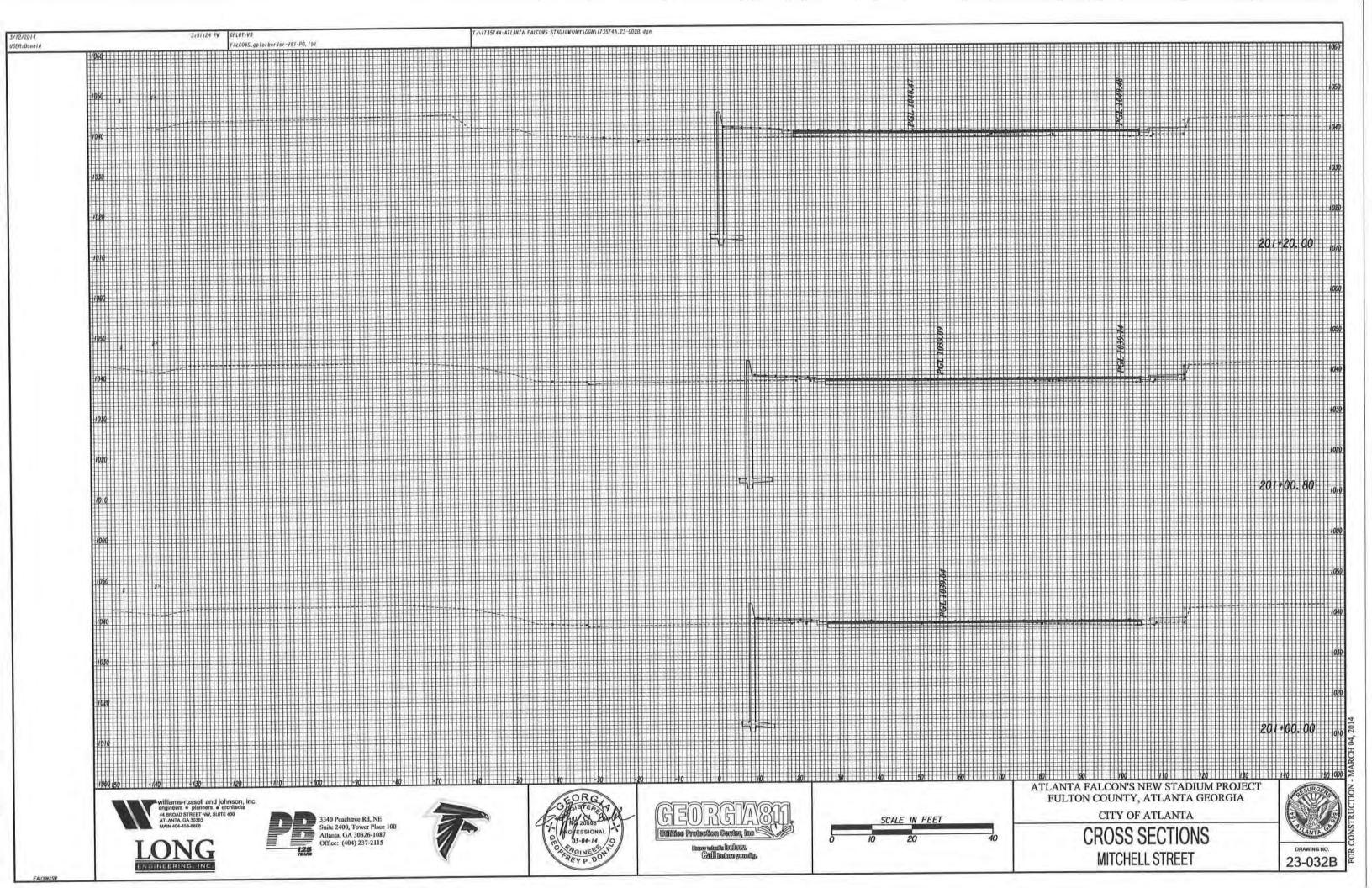


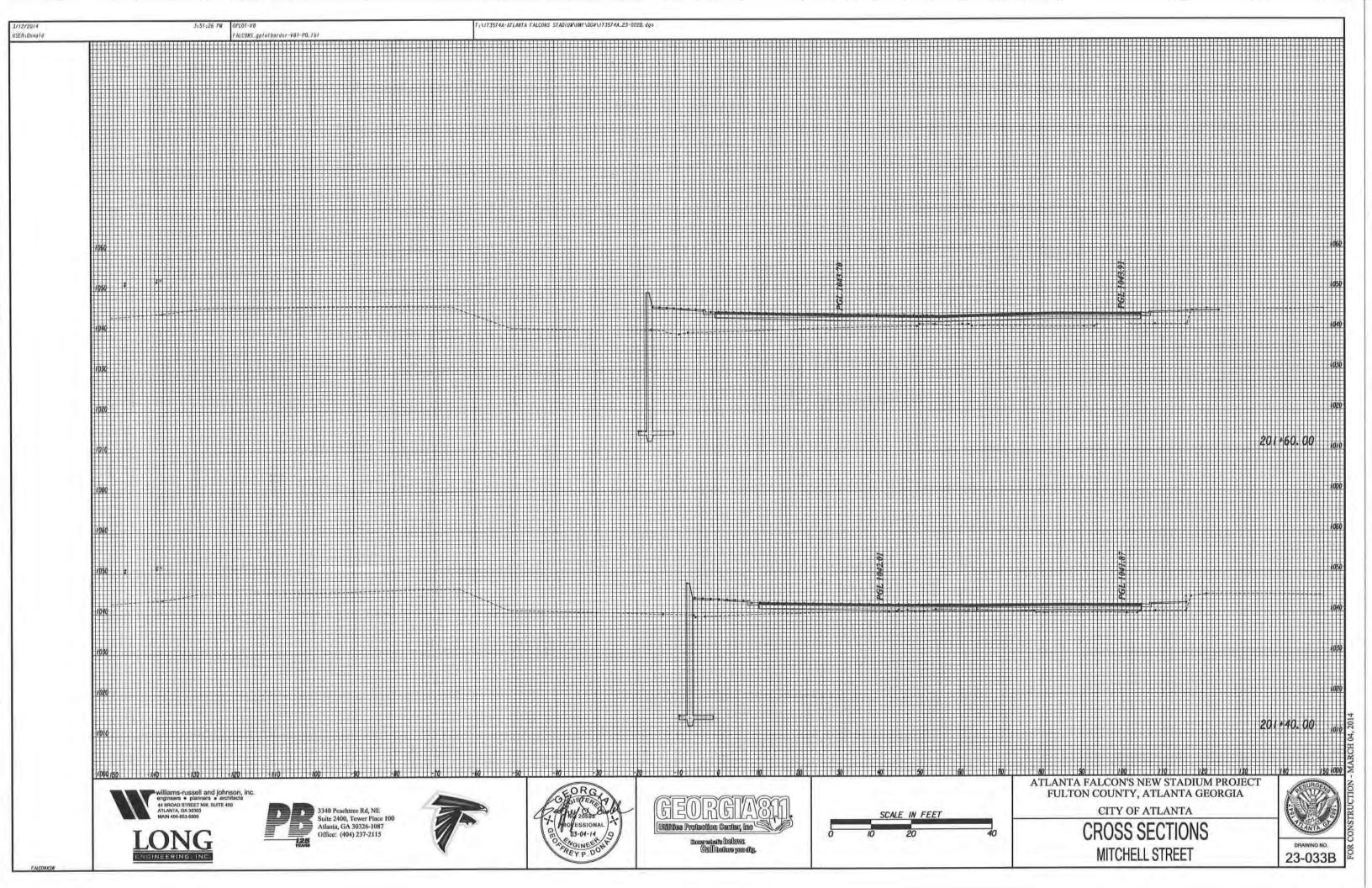
FALCON

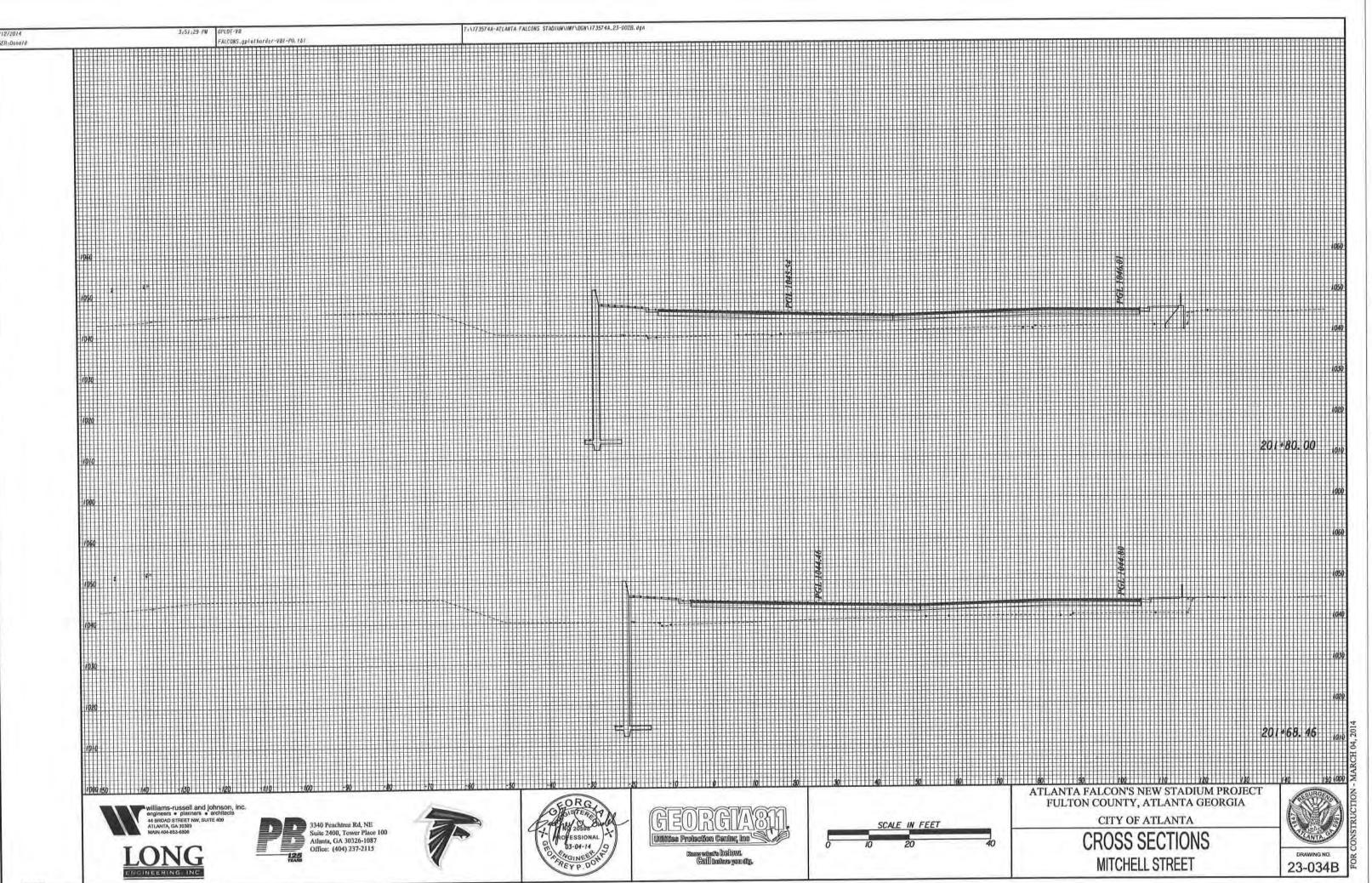




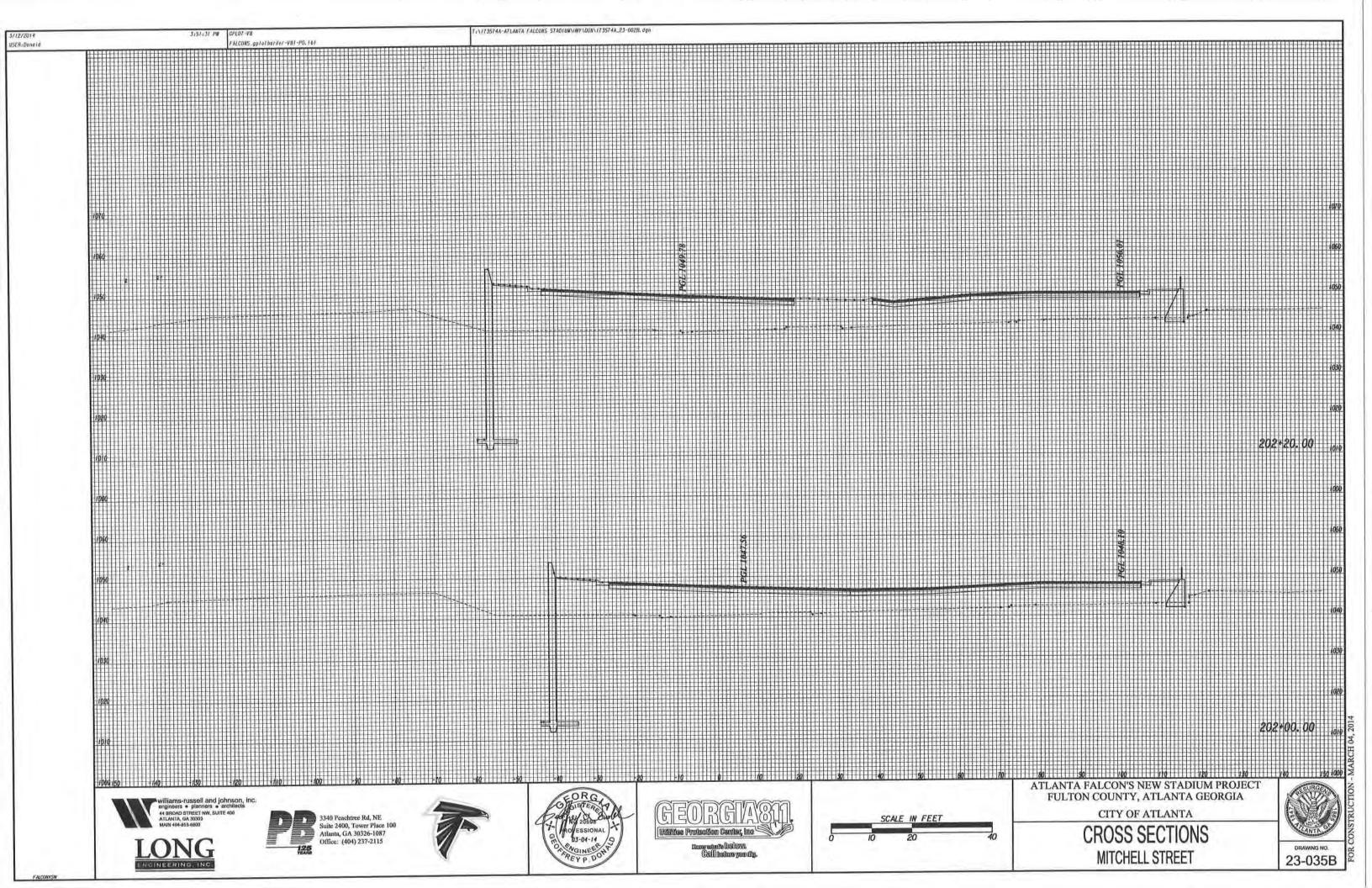
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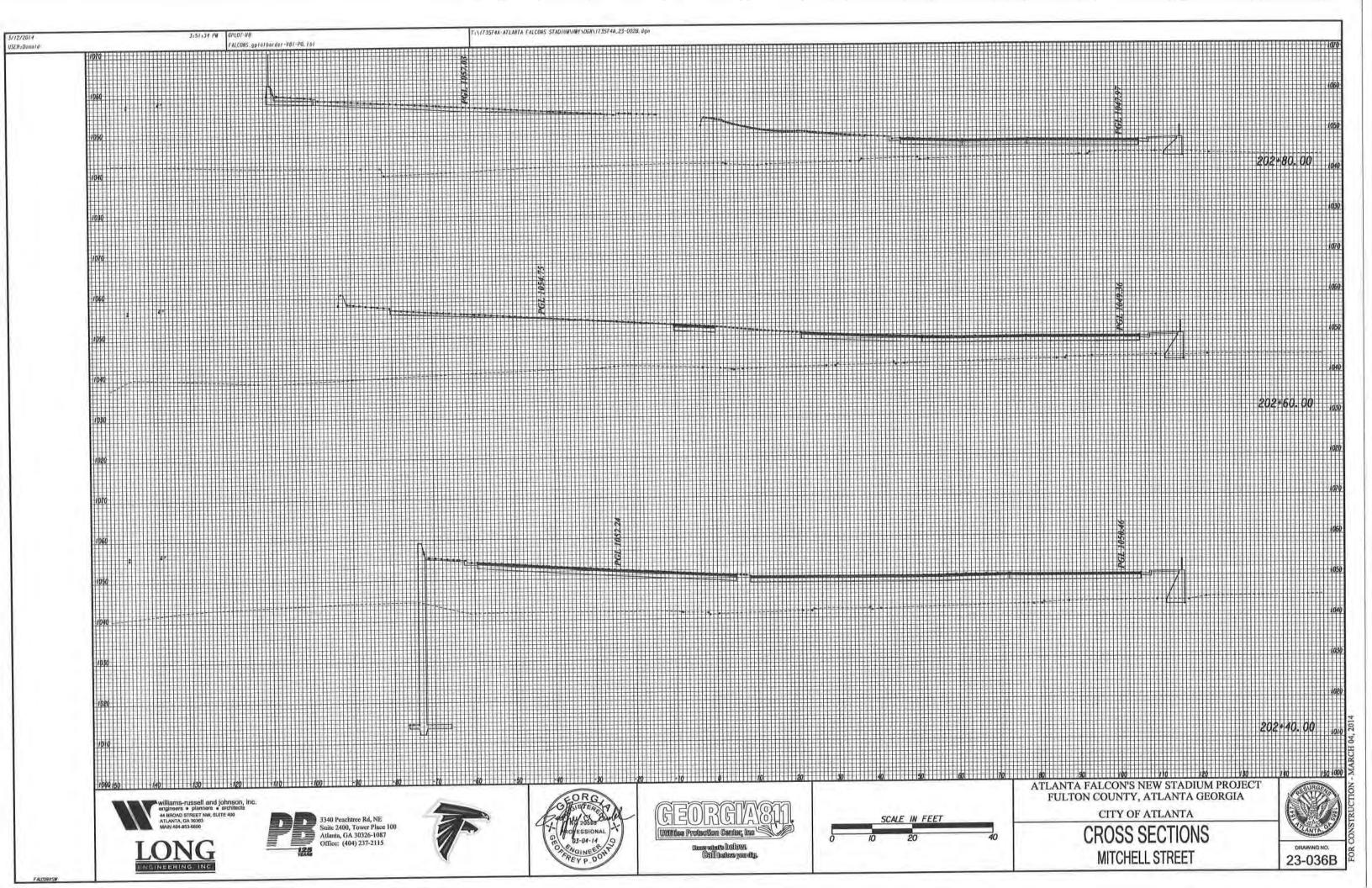


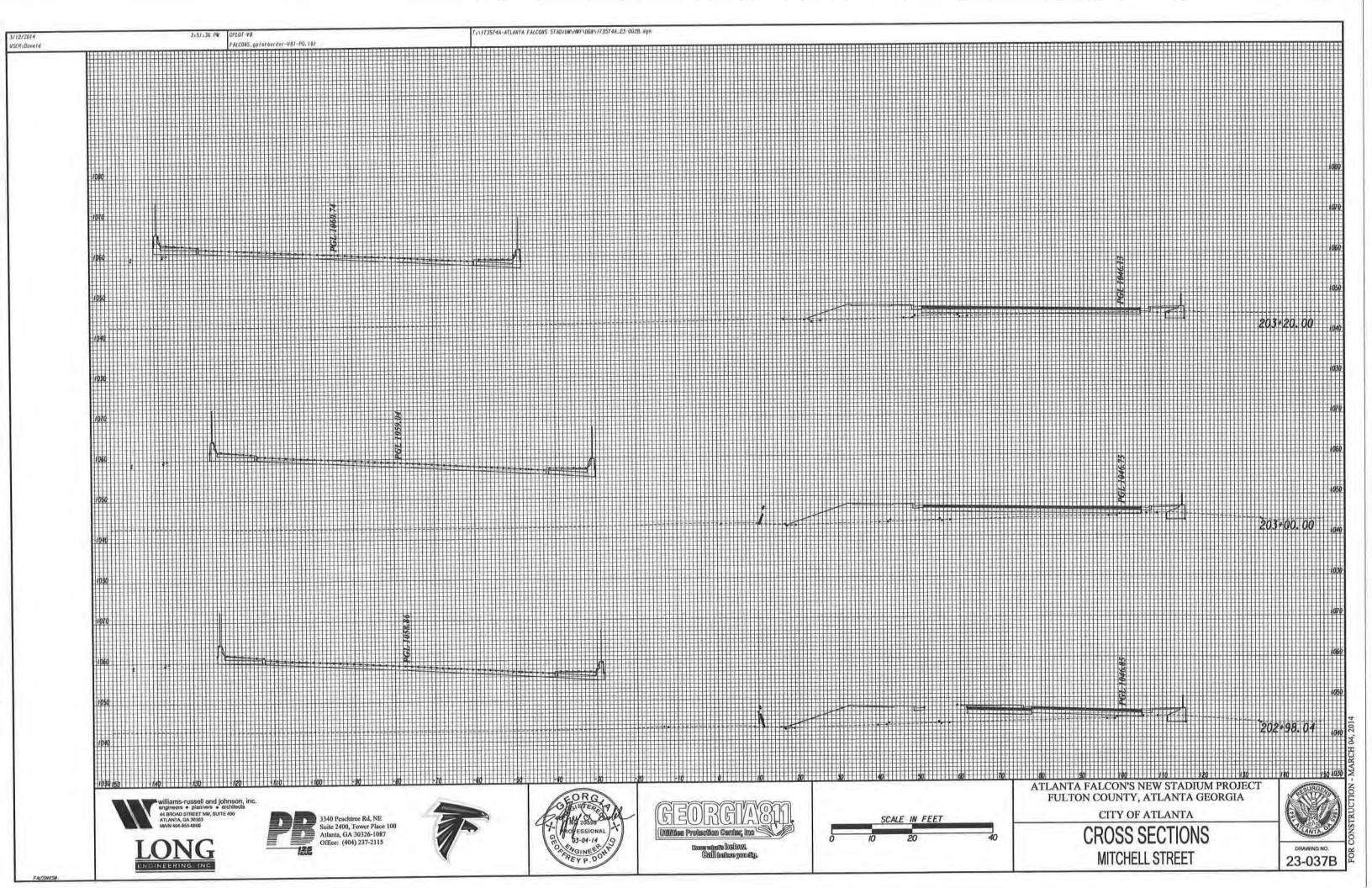


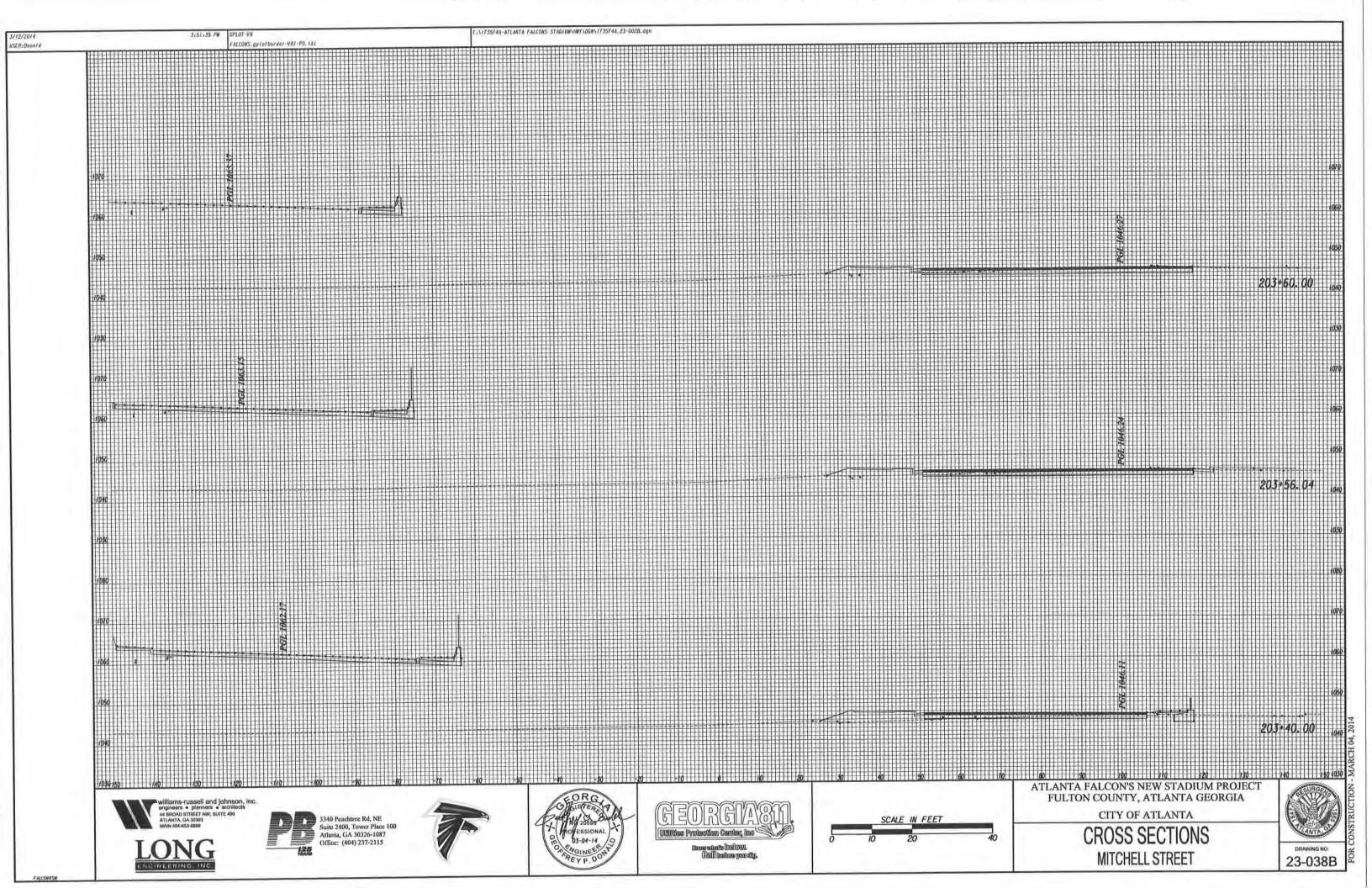


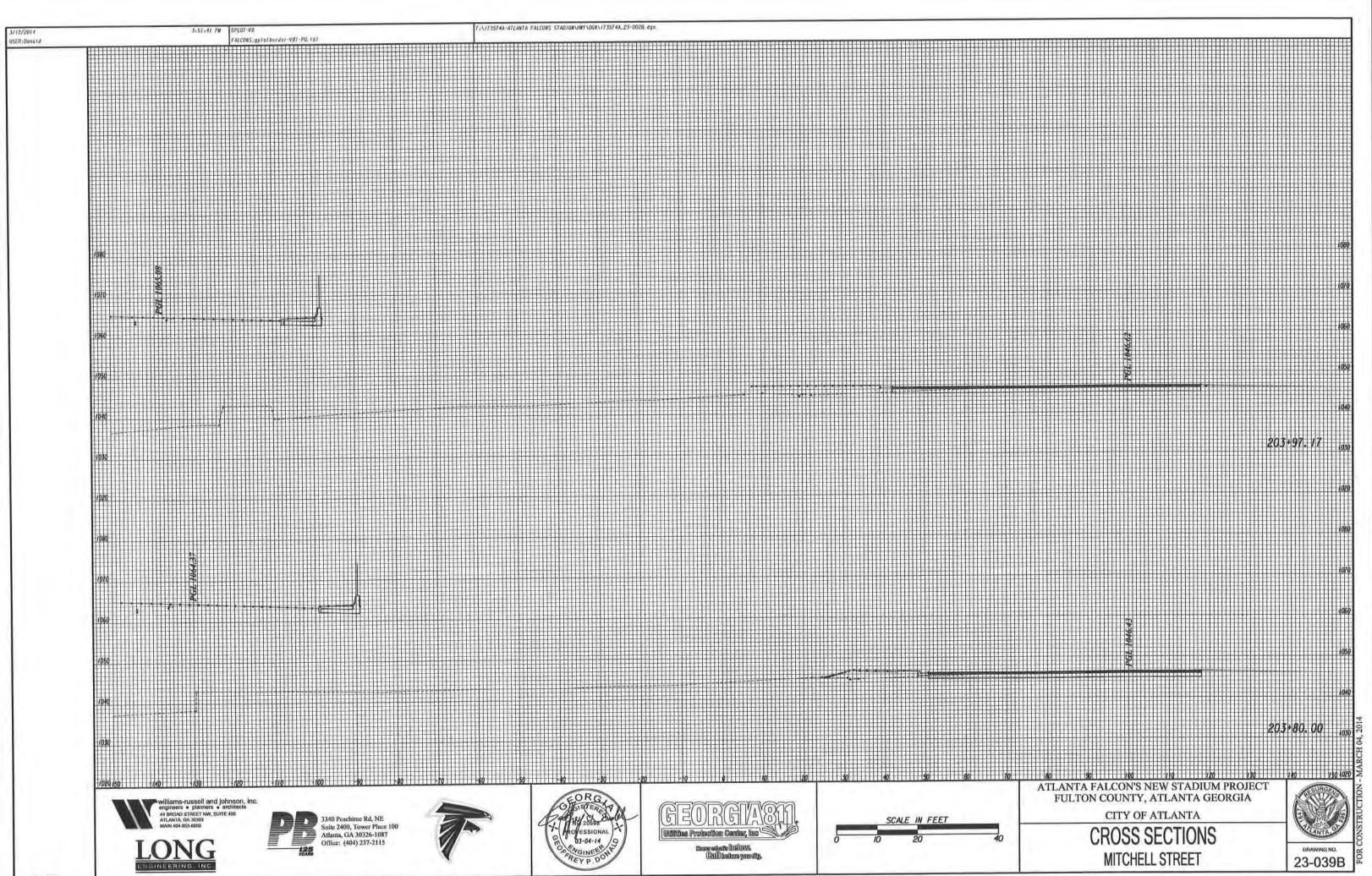
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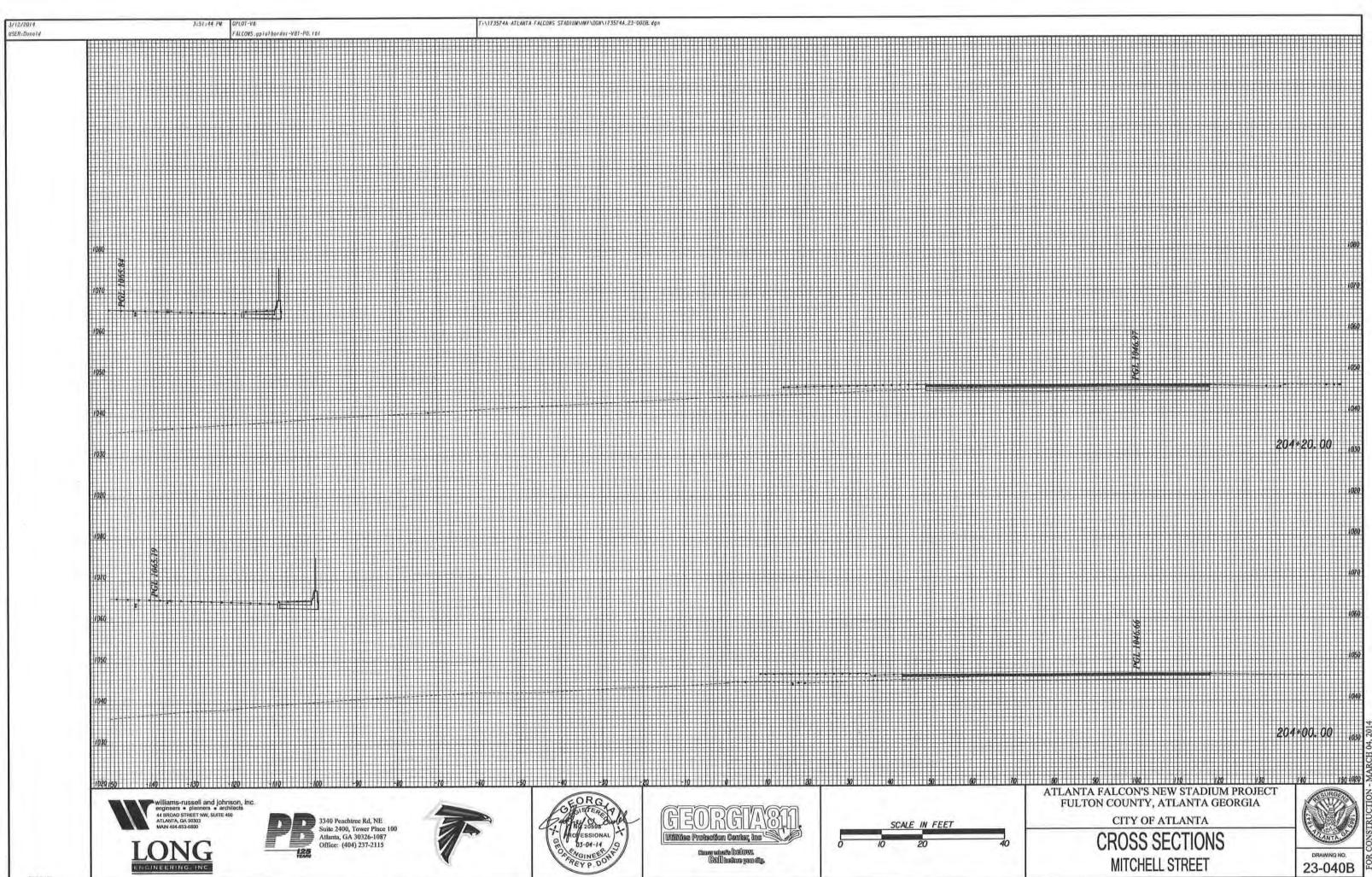




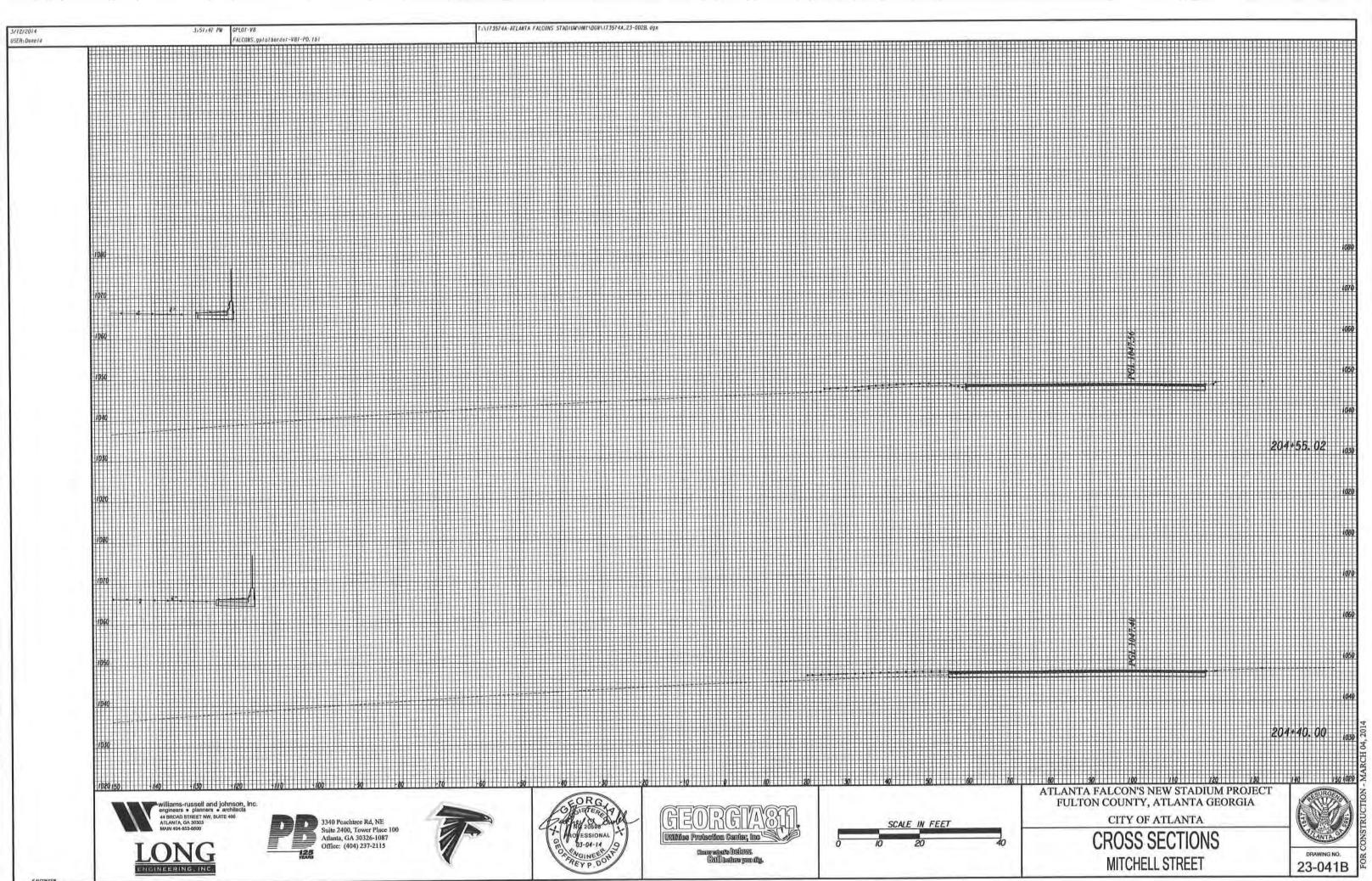


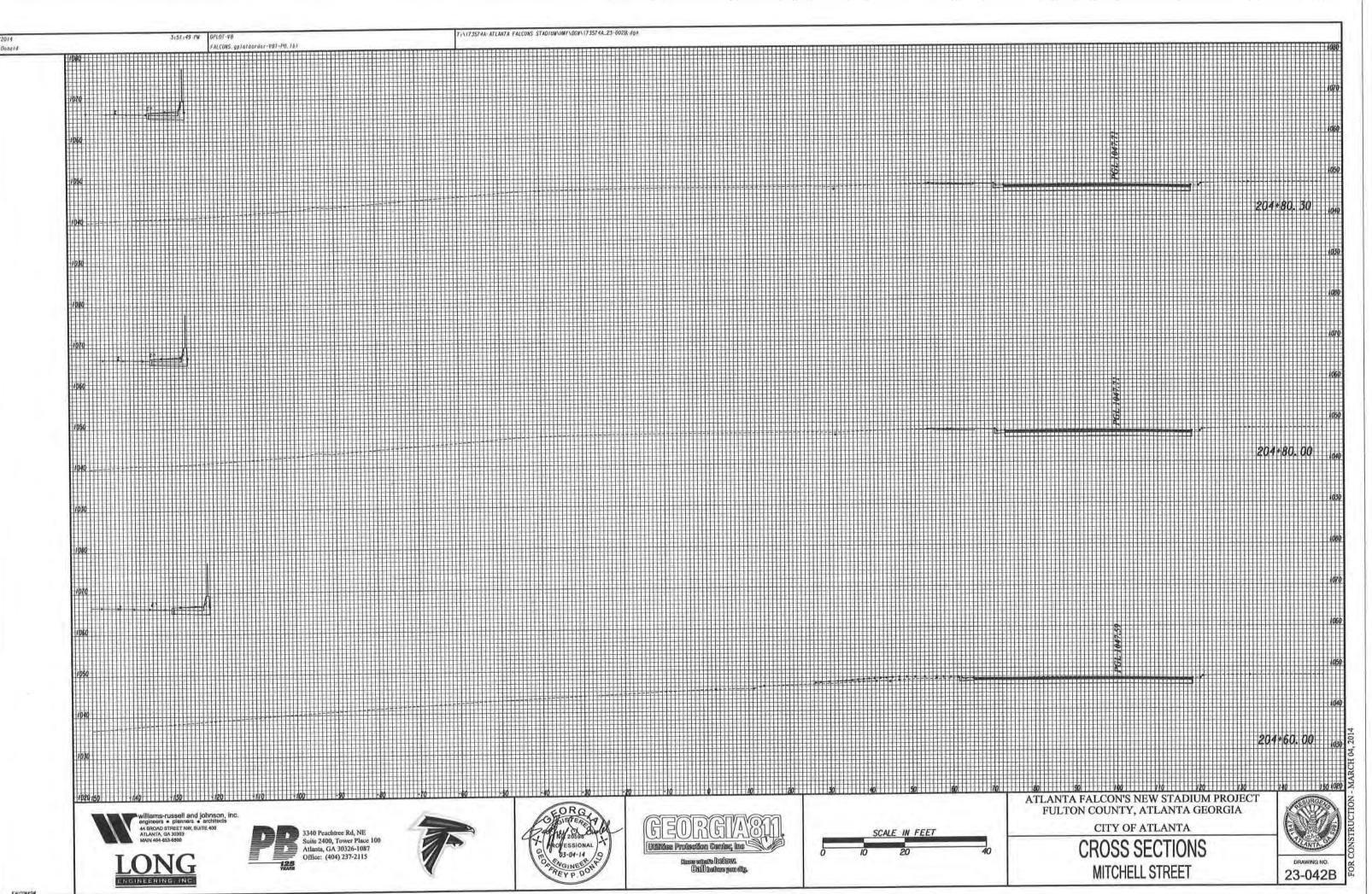


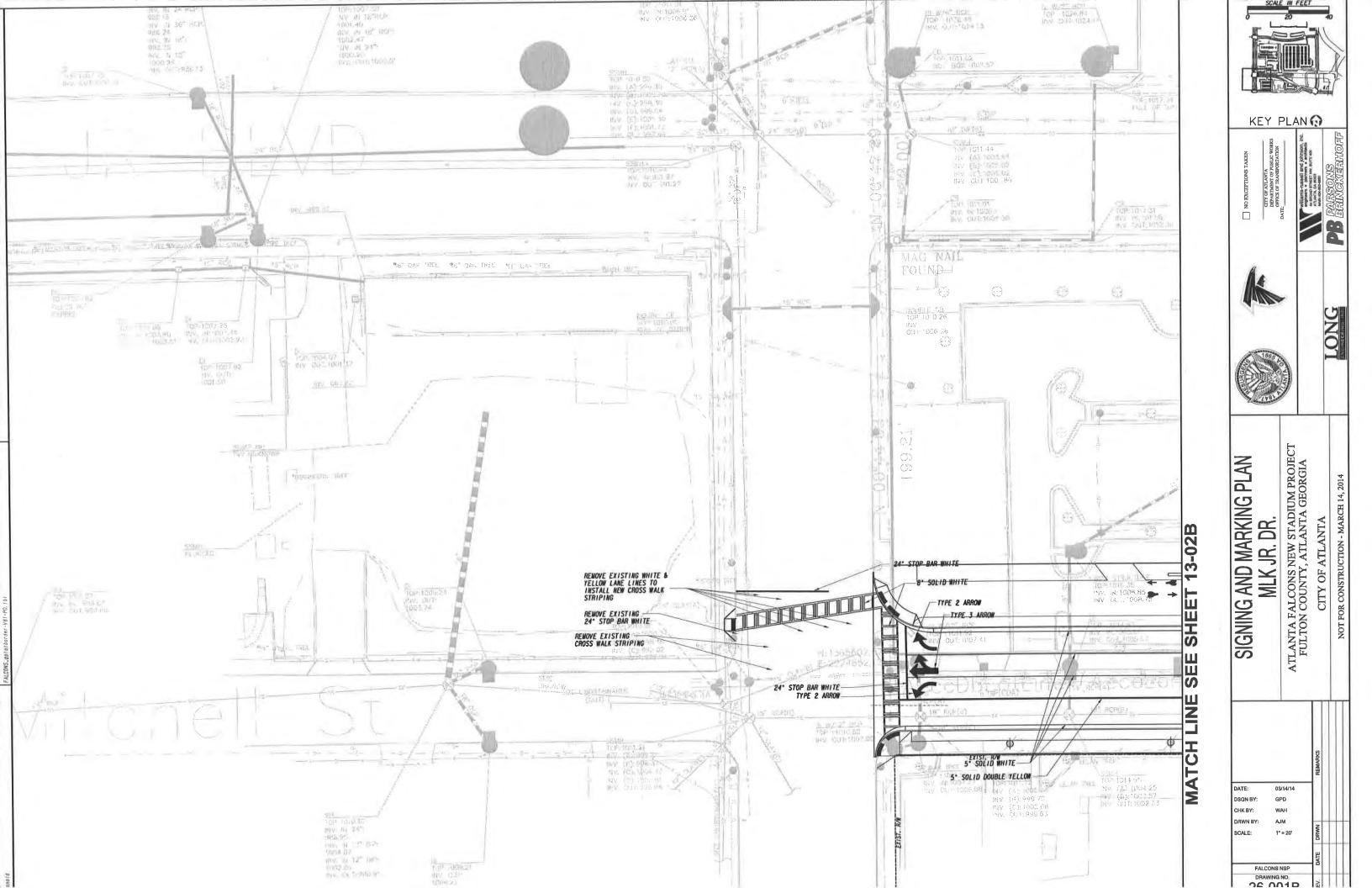


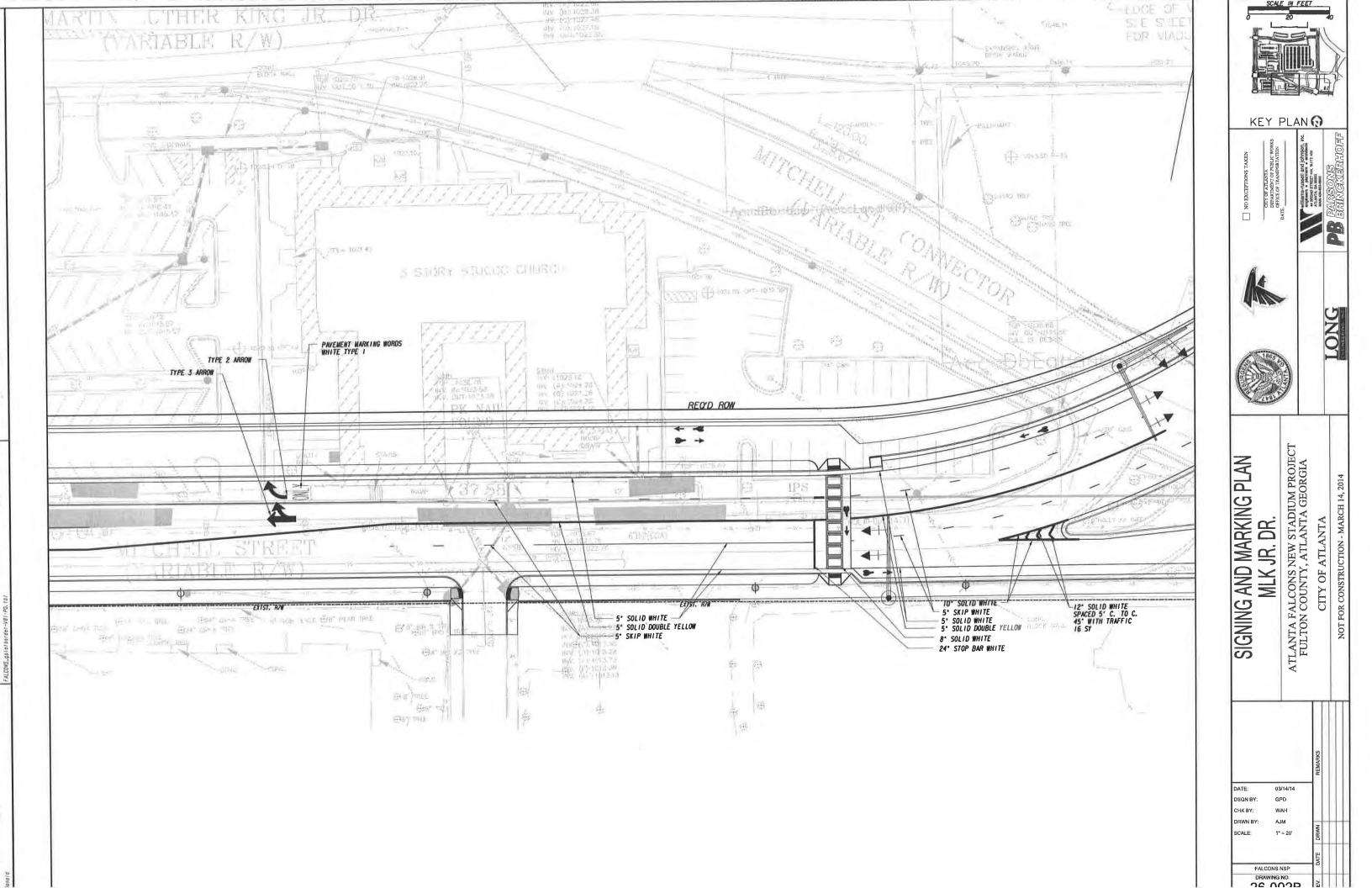


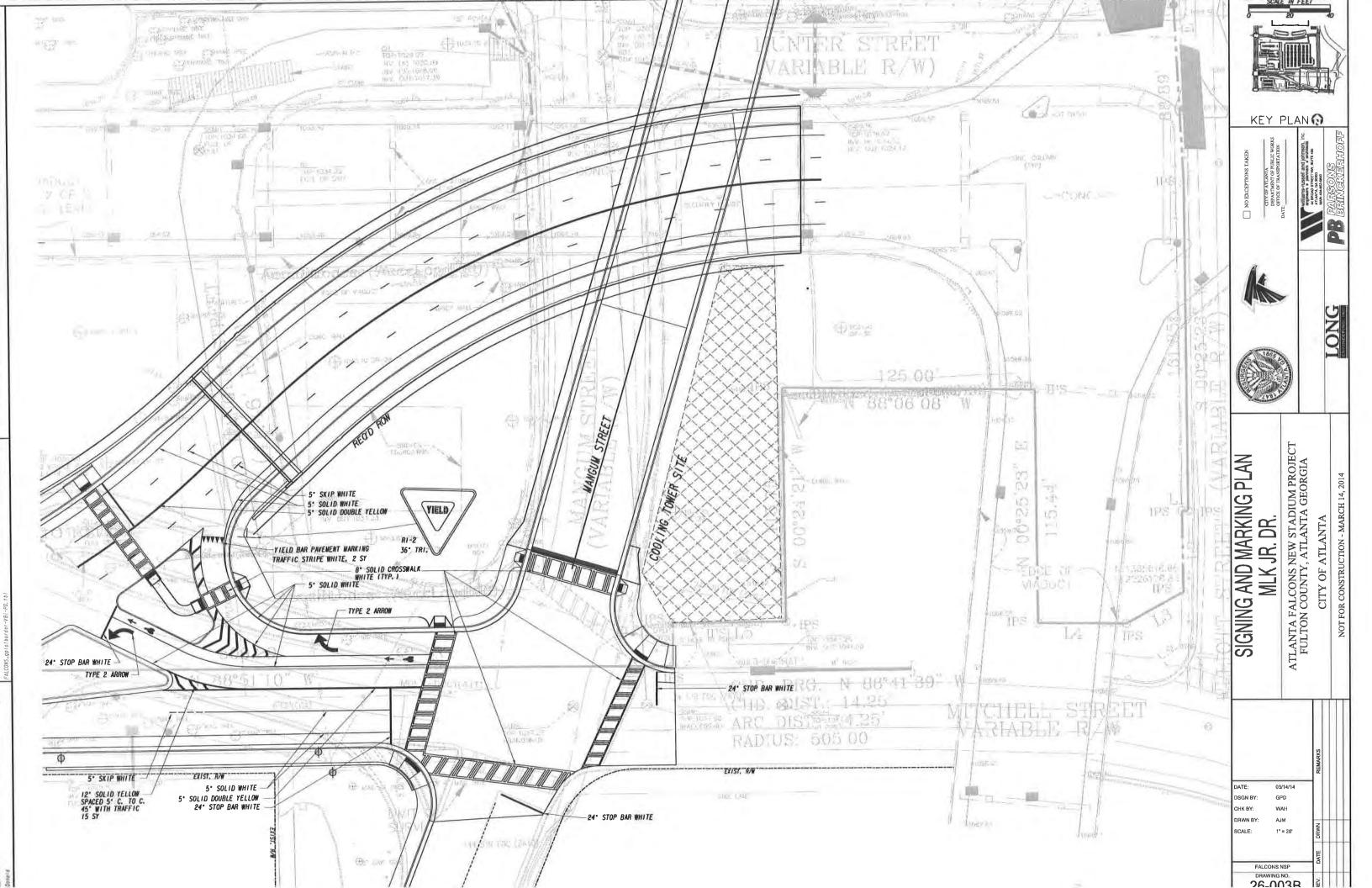
FALCONXSW

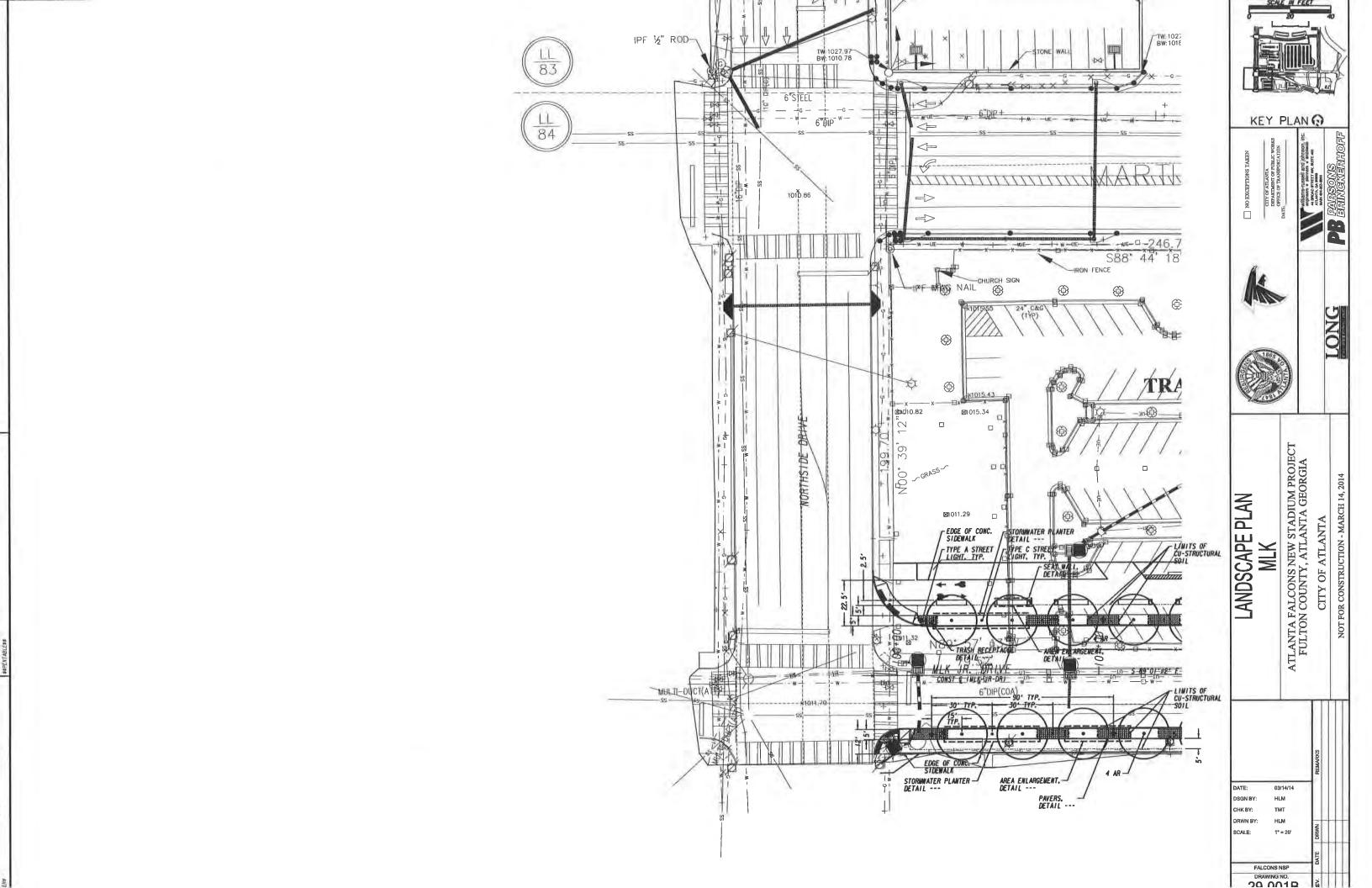


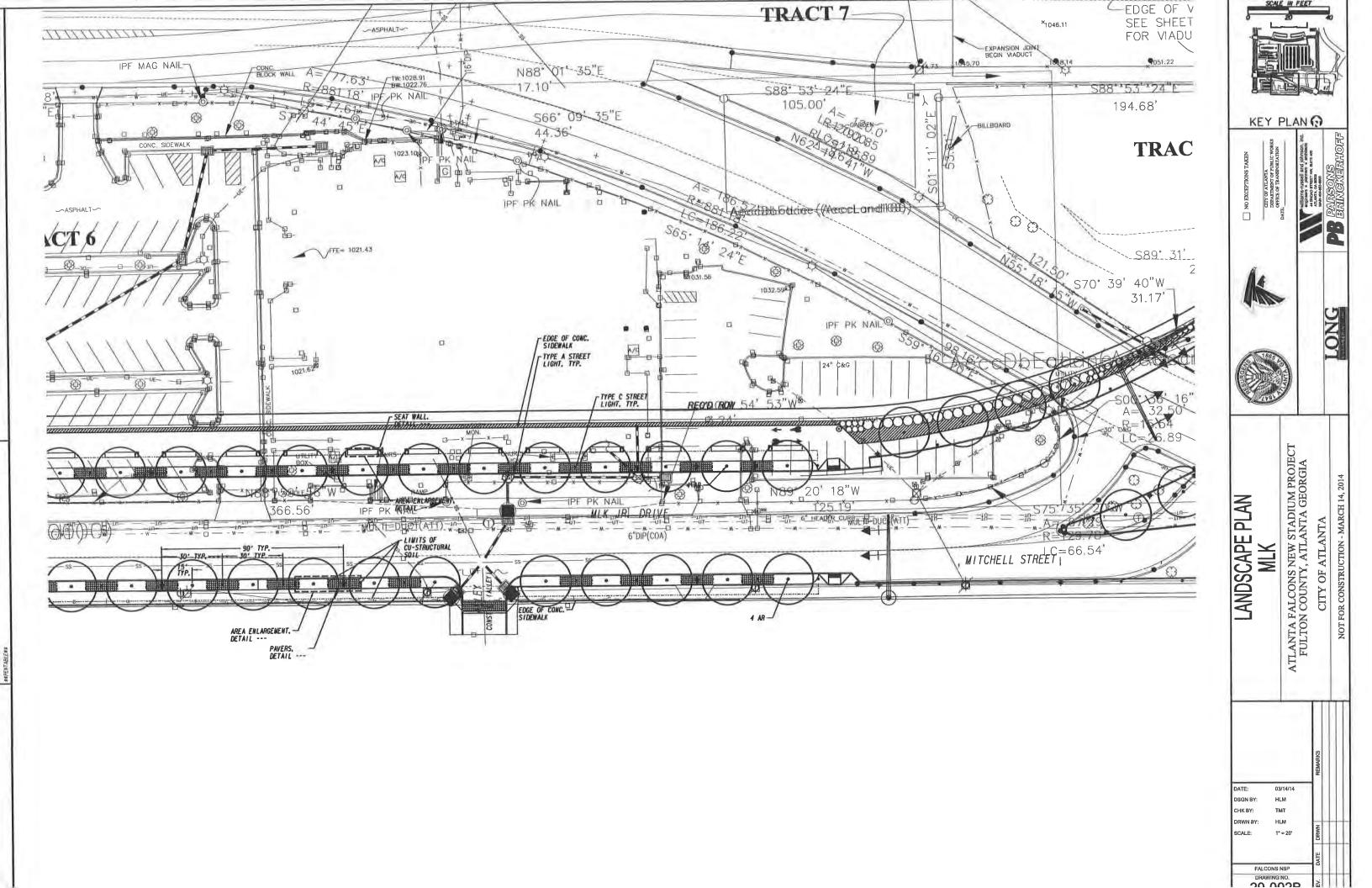


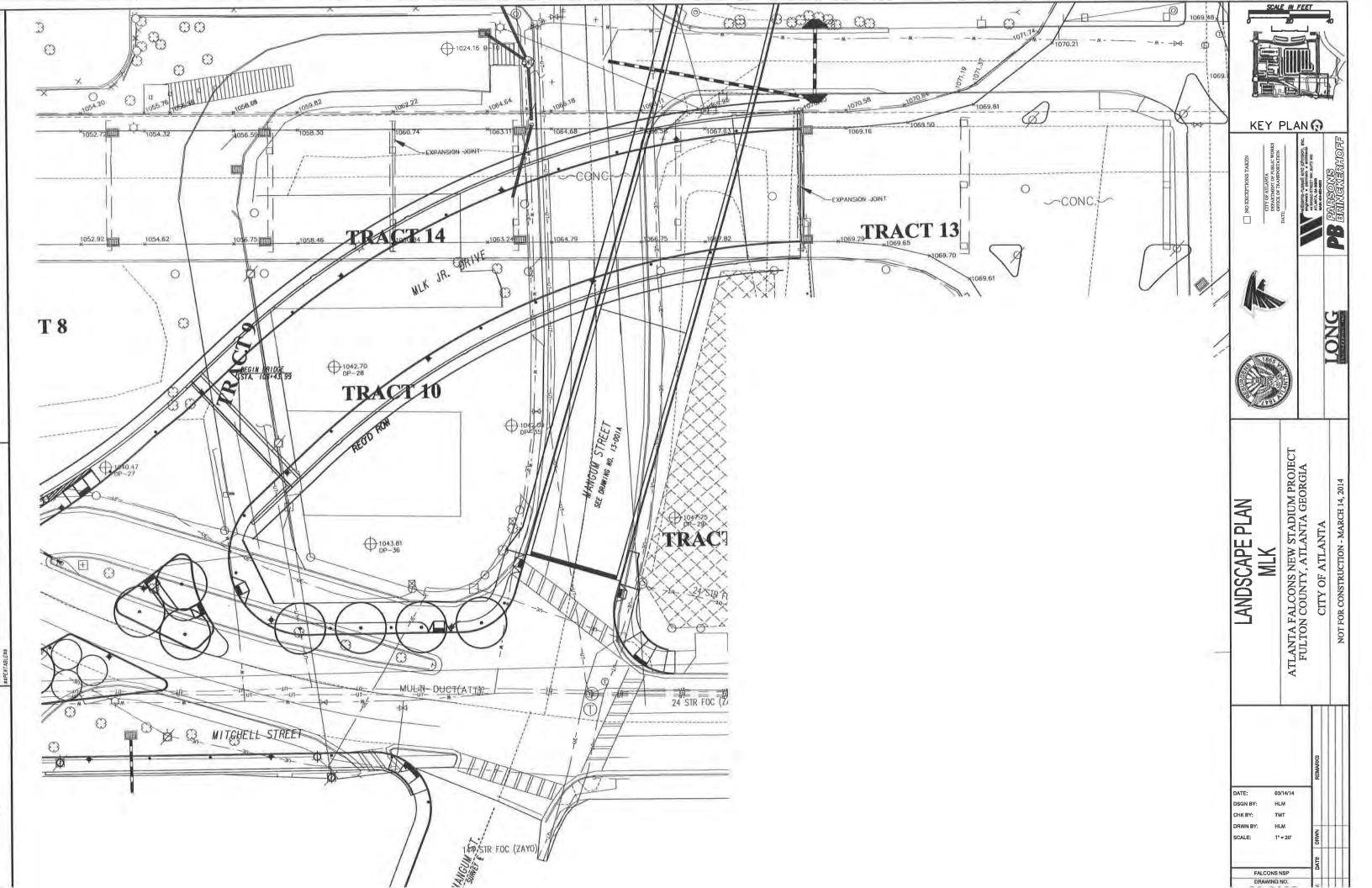


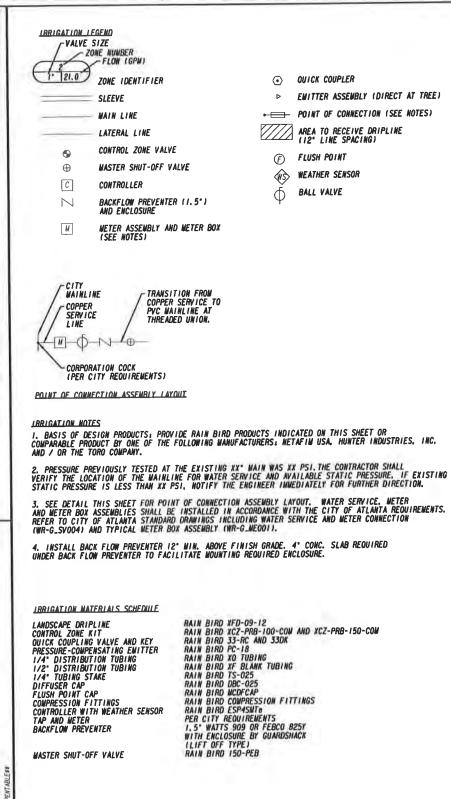












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RAIN BIRD XFD-09-12
RAIN BIRD XCZ-PRB-100-COM AND XCZ-PRB-150-COM
RAIN BIRD XCZ-PRB-100-COM AND XCZ-PRB-150-COM
RAIN BIRD XG-1B
RAIN BIRD XG-1B
RAIN BIRD XF BLANK TUBING
RAIN BIRD XF-025
RAIN BIRD DBC-025
RAIN BIRD MCDFCAP
RAIN BIRD MCDFCAP
RAIN BIRD COMPRESSION FITTINGS
RAIN BIRD ESPASMTe
PER CITY REQUIREMENTS
1.5° WATTS 909 OR FEBCO 825Y
WITH ENCLOSURE BY GUARDSHACK
(LIFT OFF TYPE)
RAIN BIRD 150-PEB

QUICK COUPLER

AREA TO RECEIVE DRIPLINE

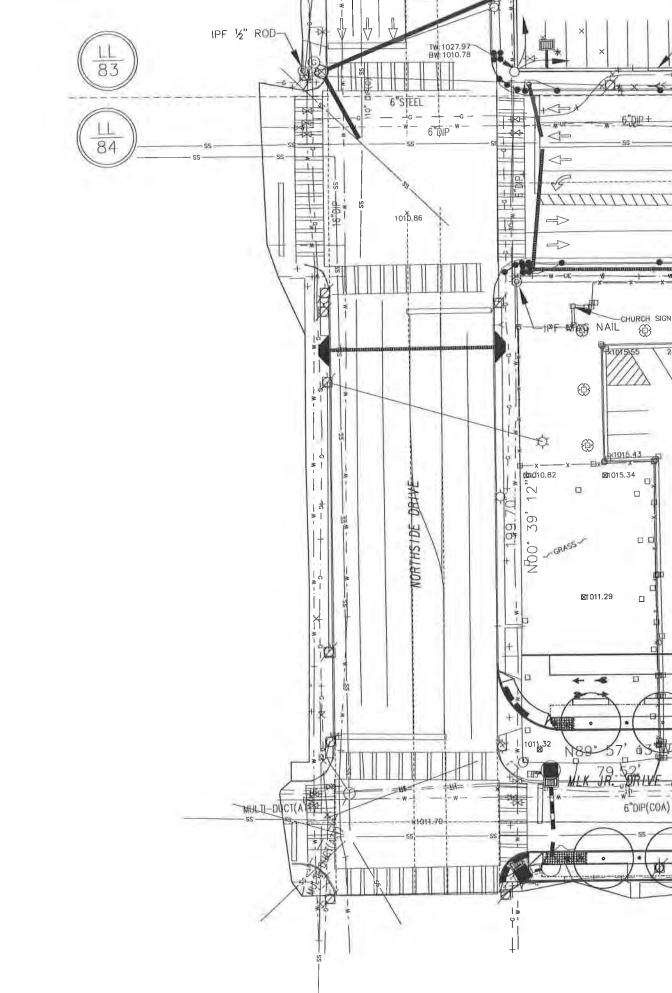
F FLUSH POINT

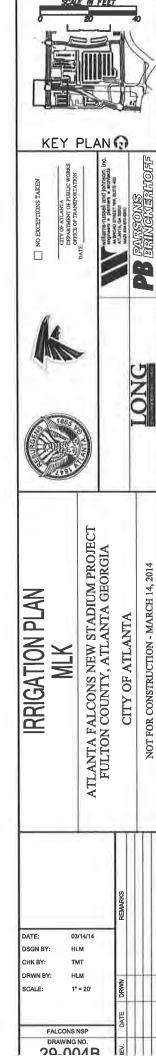
WS WEATHER SENSOR

BALL VALVE

EMITTER ASSEMBLY (DIRECT AT TREE)

POINT OF CONNECTION (SEE NOTES)





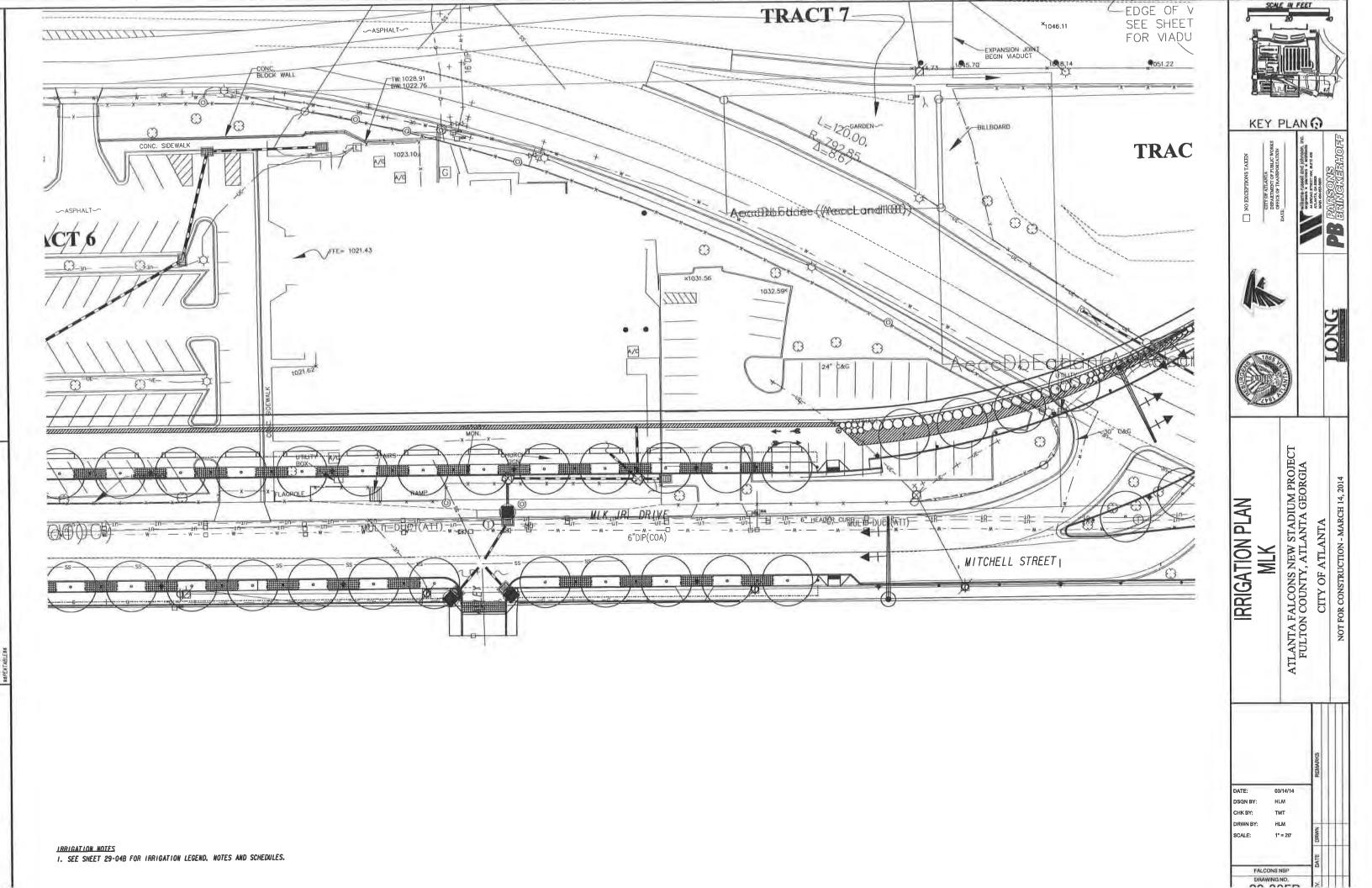
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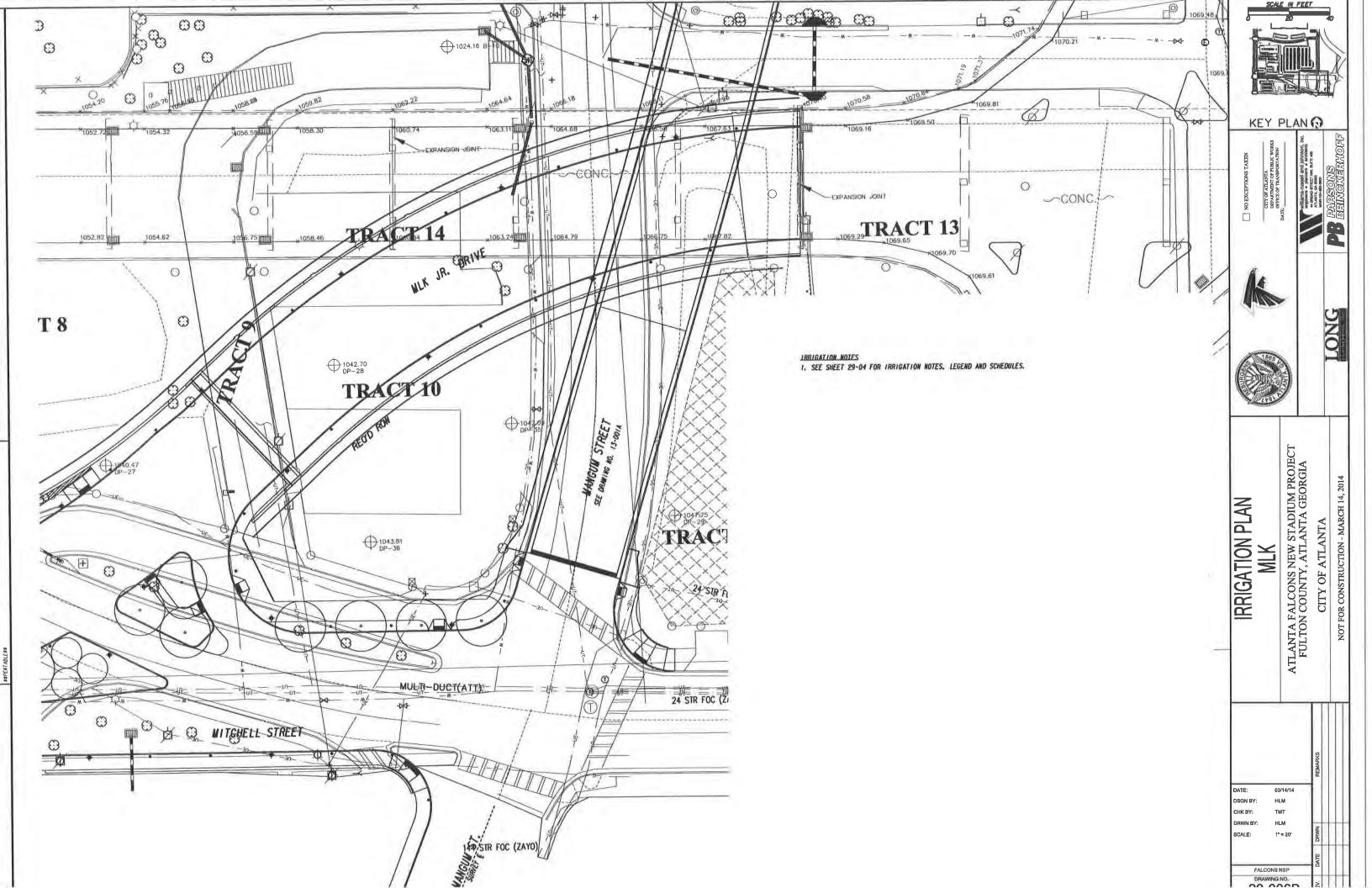
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S88°





PLANTING NOTES

- I. PROVIDE PLANT SPECIES AND SIZES AS SPECIFIED. DO NOT SUBSTITUTE WITHOUT WRITTEN APPROVAL FROM DEVELOPER. PLANT SIZE AND SPACING SHALL BE AS INDICATED IN THE PLANTING SCHEDULE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- CONSULT PLANT SCHEDULE FOR PLANT MATERIALS AND SPACING REQUIREMENTS. LAYOUT PLANTS IN FIELD FROM FIXED EDGES, VERIFY PLANT NUMBERS AND SPACING AND ADJUST FIELD LAYOUT TO MATCH DESIGN AND PLANT SPACING REQUIREMENTS PRIOR TO INSTALLATION.
- 3. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLATION. MOTIFY DEVELOPER IF FIELD CONDITIONS WARRANT ADJUSTMENT OF PLANT LOCATIONS.
- 4. QUANTITIES OF PLANTS (PLANT SYMBOLS) SHOWN ON PLAN SUPERSEDE QUANTITIES SHOWN ON PLANT LABELS. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON PLANS. CONTACT DEVELOPER FOR CLARIFICATIONS PRIOR TO PLANT PURCHASE AND STAKING PLAN FOR APPROVAL.
- PREPARE AND SOD ALL NON-PAVED LAWN AREAS DISTURBED BY CONSTRUCTION.
- PROVIDE CONTINUOUS PLANTING BED EDGE WHERE INDICATED ON DRAWINGS.
- MULCH ALL PLANTED WATERIAL AND PLANTING BEDS. KEEPING 2' AWAY FROM ALL PLANT
- 8. REMOVE ALL PAYEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS FROM AREAS TO BE PLANTED TO THE DESIGN SECTION DEPTHS FOR PLANTING SOIL.
- 9, PROVIDE SPECIFIED PLANTING SOIL IN PLANTING BEDS AND PLANTING PITS. USE ONLY SPECIFIED BIO-RETENTION SOIL IN STORMMATER PLANTERS.
- 10. THOROUGHLY WATER IN ALL NEW PLANTS AND SODDED AREAS, HAND-WATER ALL NEW PLANTS AND SODDED AREAS DAILY UNTIL IRRIGATION SYSTEM IS OPERATING.
- II. SEE SPECIFICATIONS FOR WARRANTY AND MAINTENANCE CONTRACT REQUIREMENTS.

IRRIGATION SYSTEM NOTES

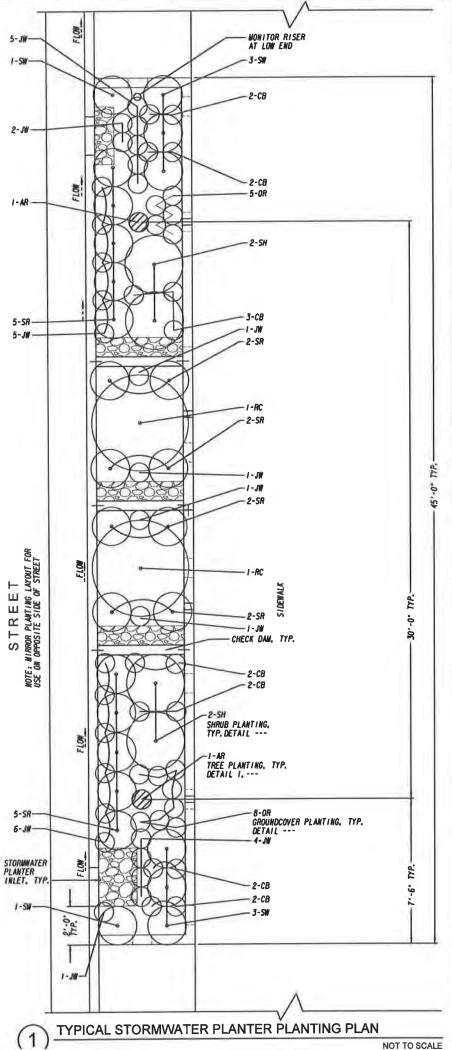
- I. THE IRRIGATION SYSTEM DRAWINGS SHOWN ARE SCHEMATIC. THE CONTRACTOR WAY CHOOSE OR BE REQUIRED TO ADJUST PIPE ALIGNMENTS TO AVOID SITE OBSTRUCTIONS.
- 2. THE IRRIGATION SYSTEM SHALL BE INSTALLED AND OPTIMIZED UNDER THE DIRECTION OF A IRRIGATION CONTRACTOR CERTIFIED BY THE IRRIGATION ASSOCIATION, OR OTHER SIMILAR INDUSTRY RECOGNIZED CERTIFICATION FOR IRRIGATION INSTALLERS.
- 3. LOCATE AND STAKE IRRIGATION SYSTEM VALVES, CONTROLLER, WEATHER SENSOR, POINT OF CONNECTION. SLEEVES AND MAIN LINES FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- 4. COORDINATE SLEEVE INSTALLATION. INCLUDING LOCATION AND DEPTH, WITH PAYING OPERATIONS.
- 5. FOLLOW ALL STATE AND LOCAL LAWS PERTAINING TO IRRIGATION INSTALLATION AND MAINTENANCE. OBTAIN ALL PERMITS, LICENSES, TESTS AND APPROVALS. REQUIRED FEES AND DEPOSITS ARE INCIDENTAL TO THE WORK AND SHALL BE PAID BY THE CONTRACTOR.
- 6. ALL WIRE CONNECTIONS SHALL BE MADE WITH WATERPROOF CONNECTIONS. ALL IRRIGATION SYSTEM WIRING SHALL BE *12 COMMON AND *14 CIRCUIT WIRING MINIMUM.
- 7. ALL PIPING SHALL BE SIZED AS INDICATED ON THE PLANS. UNLESS OTHERWISE INDICATED.
 ALL LATERAL PIPING SHALL BE 1° MINIMUM. I° PIPES ARE NOT LABELED ON THE PLANS.
 SIEEVES SHALL BE 2-TIMES LARGER THAN THE LATERAL OR MAINLINE IT CONTAINS. CONDUITS
- 8. PROVIDE MINIMUM COVER OVER IRRIGATION PIPING AS FOLLOWS: MAINLINES (36°), LATERAL PIPING (12°), SLEEVES (24°), DRIPLINE (AS DETAILED).
- 9. PIPE AND VALVE ASSEMBLY: INSTALL PIPE IN DRY CONDITIONS WHEN AIR TEMPERATURE IS ABOVE 40 DEGREES FAIRENHEIT. CUT PIPE IN A MANNER THAT WILL ENSURE A SOUARE CUT. REMOVE BURS PRIOR TO INSTALLATION FOR A CLEAN, SMOOTH UNOBSTRUCTED FLOW. INSTALL PIPE TO AN EVEN GRADE AND SUPPORT PIPE CONTINUOUSLY ON BOTTOM OF TRENCH.
- 10. BACK FILLING TO CORRECT SOIL SETTLEMENT IS INCIDENTAL TO THE WORK.
- II. FIELD QUALITY CONTROL: THOROUGHLY FLUSH ALL WATER LINES BEFORE CONNECTING DRIPLINE. PERFORM THE FOLLOWING TEST AND ADJUSTMENTS:
- A. LEAK TEST: CHARGE SYSTEM AND TEST FOR LEAKS. REPAIR LEAKS AND RETEST UNTIL NO LEAKS EXIST. NOTIFY THE ENGINEER 2 WEEKS PRIOR TESTING. THE ENGINEER MUST BE PRESENT FOR LEAK TESTS. DO NOT BACKFILL EXCAVATIONS UNTIL THE SYSTEM HAS BEEN TESTED, INSPECTED AND IS TO THE SATISFACTION OF THE ENGINEER.
- B. OPERATIONAL TEST: CONFIRM PROPER SYSTEM OPERATION. REPLACE MALFUNCTIONING CONTROLS AND EQUIPMENT.
- IZ. REMOVE TEMPORARY STRUCTURES. RUBBISH, WASTE MATERIAL TOOLS AND EQUIPMENT FROM THE SITE ONCE INSTALLATION IS COMPLETE. CLEAN UP THE WORK SITE AND COVER ALL EXCAVIIONS AT THE END OF EACH WORK DAY.
- 13. MAINTENANCE AND ESTABLISHWENT: INSPECT IRRIGATION SYSTEM CONCURRENTLY WITH ESTABLISHMENT PERIODS SPECIFIED FOR THE LANDSCAPE PLANTINGS:
- A)MAINTAIN THE CONTROLLER PROGRAM TO ENSURE THE PROPER DISTRIBUTION OF WATER.
- BIINSPECT, REPAIR, AND/OR REPLACE ANY EQUIPMENT THAT IS FOUND DEFECTIVE, DAMAGED
- CIMAKE ANY ADJUSTMENTS TO ENSURE THE PROPER DELIVERY OF WATER TO PLANTS.
- 14. AS-BUILT DRAWINGS: FURNISH THE ENGINEER AS-BUILT DRAWINGS ON REPRODUCIBLE 11X17 FILM SHEETS. DIMENSION ACTUAL LOCATION OF BACKFLOW PREVENTER, METER, VALVES, MAIN AND LATERAL LINES FROM A FIXED OBJECT.
- 15. OPERATING AND MAINTENANCE DATA: PROVIDE INSTRUCTIONS COVERING FULL OPERATION. CARE AND MAINTENANCE OF THE EQUIPMENT. INCLUDING A SCHEDULE SHOWING TIME EACH VALVE IS OPEN TO PROVIDE DETERMINED AMOUNT OF WATER. INSTRUCT PERSONNEL DESIGNATED BY ENGINEER IN PROPER OPERATION OF THE SYSTEM.
- 16. THE IRRIGATION SYSTEM SHALL INCLUDE ALL MATERIAL. LABOR AND EQUIPMENT NECESSARY TO INSTALL AND TEST THE IRRIGATION SYSTEM AS DESCRIBED ON THE DRAWINGS AND SPECIFICATIONS.
- 17. ALL IRRIGATION SHALL BE INSTALLED IN LANDSCAPE BEDS. EXCEPT PIPING IN SLEEVES.

PLANTING SCHEDULE

KEY	OTY	COMMON NAME	BOTANICAL NAME	SIZE/CONDITION	SPACING	REWARKS
TREES					N1	
AR	-	ARWSTRONG RED WAPLE	Acer x freemant! 'Armstrong	2" CAL. /B&B	30' O. C.	
BG		BLACK GUM	Nyssa sylvalica	2" CAL. /B&B	30' O. C.	
BG	9.3	SERV I CEBERRY	Amelanchier arborea	2° CAL. /B&B	15' O. C.	MULTI-STEM
SHRUE	35					
ОН		OAKLEAF HYDRANGEA	Hydrangea quercifolla	5 GAL. /CONT.	5' O. C.	
RC		RED CHOKEBERRY	Aronia arbuilfolia	5 GAL. /CONT.	5' 0. C.	
SH		SHAWROCK INKBERRY	ilex glabra 'Shamrock'	5 GAL. /CONT.	3' O. C.	
GROU	NDCOVE	ER				
СВ	٠	CAESAR'S BROTHER IRIS	iris sibirica 'Caesar's Brother'	4 SP/CONT.	1' 0. C.	
JW		JAPANESE WATER IRIS	iris ensata	4 SP/CONT.	1' O. C.	
OR		GIANT ORNAMENTAL ONION	Allium giganteum	4 SP/CONT.	1' O. C.	
SR		SOFT RUSH	Juncus effusus	I GAL. /CONT.	2' 0. C.	
SW	+	SWITCHGRASS	Panicum virgatum	I GAL. /CONT.	2' O. C.	
PS		PENNSYLVANIA SEDGE	Carex pensylvanica	I GAL. /CONT.	1' O. C.	
FG		FEATHER REED GRASS	Calamagrostis aculifiora 'Kari Foerster'	I GAL. /CONT.	1' O. C.	

STORMWATER PLANTER NOTES

- I. LOCATE ALL UTILITIES PRIOR TO INSTALLATION OF PLANTERS. REPORT SITE CONDITIONS THAT VARY FROM DESIGN LAYOUT AND DETAILS TO DEVELOPER. DO NOT PROCEED FURTHER WITH THE INSTALLATION WITHOUT WRITTEN DIRECTION FROM DEVELOPER.
- 2. LONGITUDINAL SLOPES OF BIO-RETENTION SOIL, STORMWATER PLANTER CURBS / WALLS SURROUNDING PLANTER SHALL MATCH ROAD SLOPE.
- 3. PLANTER BIORETENTION SOIL CROSS SLOPES SHALL BE LEVEL (OX SLOPE) UNLESS NOTED
- 4. ALL PLANTERS SHALL BE VEGETATED WITH PLANTS OF TYPE. SIZE AND SPACING SPECIFIED.
- 5. BIORETENTION SOIL SHALL CONFORM TO THE PERFORMANCE STANDARDS AND TESTING REQUIREMENTS SPECIFICIFIED.
- 6. BIORETENTION SOIL SHALL BE A INTSTALLED TO THE MINIMUM DESIGN DEPTHS INDICATED ON THE DRAWINGS.
- 7. CONNECT LONGITUDINAL UNDERDRAINS TO STORM INLETS. SEE CIVIL DRAWINGS FOR INLET LOCATIONS AND DETAILS.



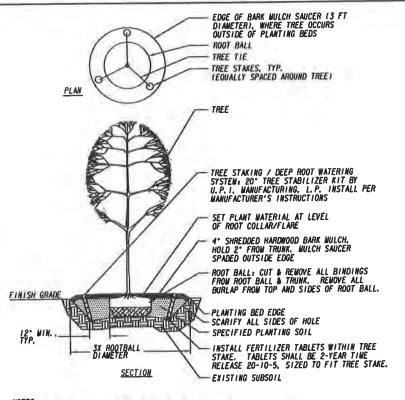
SCALE IN FEET KEY PLAN SCED

AND

ATLANTA FALCONS NEW STADIUM PROJE FULTON COUNTY, ATLANTA GEORGIA 图 OF ANDSCAPE

03/14/14 CHK BY: TMT RWN BY нім SCALE 1" = 20"

FALCONS NSP



NOTES:

1. SCARIFY EDGES OF EXCAVATION WHERE SMOOTHED DURING EXCAVATION.

2. EXCAVATE PLANTING PIT WITH SIDES SLOPING AT 45 DEGREES WIN. FROM VERTICAL. VERTICAL SIDES ARE NOT ACCEPTABLE. TRIM PERIMETER OF PLANTING PIT. LEAVING CENTER RAISED SLIGHTLY.

3. DO NOT EXCAVATE DEEPER THAN ROOT BALL DEPTH. IF HOLE IS TOO DEEP, BACKFILL WITH PLANTING SOIL AND TAMP TO CORRECT LEVEL.

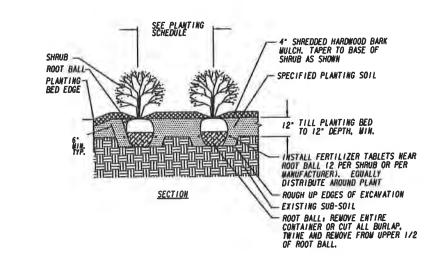
4. SET TREE PLUNB AND IN CENTER OF PLANTING PIT.

5. REMOVE EXCESS DEBRIS FROM AROUND ROOT COLLAR/FLARE PRIOR TO INSTALLATION.

6. TREES SHALL BE PLANTED SO ROOT COLLAR/FLARE IS LEVEL WITH OR SLIGHTLY ABOVE (1" MAXI ADJACENT GRADE.

7. DO NOT DISTURB ROOT BALL WHEN PLANTING OR STAKING. CRACKED OR OTHERWISE DAMAGED ROOT BALLS SHALL BE REJECTED.

8. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. WHEN HOLE IS 1/2 FULL. WATER SOIL THOROUGHLY. ADD REMAINING PLANTING SOIL AND THEN WATER UNTIL NO MORE WATER IS ABSORBED BY THE SOIL. TREE PLANTING NOT TO SCALE



NOTES:
1. SCARIFY EDGES OF EXCAVATION WHERE SWOOTHED DURING EXCAVATION.
2. EXCAVATE PLANTING PIT WITH SIDES SLOPING AT 45 DEGREES WIN. FROM VERTICAL.
VERTICAL SIDES ARE NOT ACCEPTABLE.
3. SET PLANT PLUMB AND IN CENTER OF PLANTING PIT.
4. REMOVE EXCESS DEBRIS FROM AROUND ROOT COLLAR/FLARE PRIOR TO INSTALLATION.
5. SIRKUPS SHALL BE PLANTED SO ROOT COLLAR/FLARE IS LEVEL WITH OR SLIGHTLY
ABOVE (11' WAX) ADJACENT GRADE.

5. DO ON DISTURDE POOR BALL WHEN BY ANTING OR STANDER. CRACKED OR OTHERWISE

ABOVE 11" MAXI ADJACENT GHAUE.

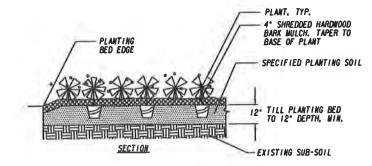
6. DO NOT DISTURB ROOT BALL WHEN PLANTING OR STAKING. CRACKED OR OTHERNISE DAMAGED ROOT BALLS SHALL BE REJECTED.

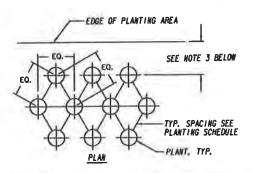
7. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. WHEN HOLE IS 1/2 FULL. LIGHTLY TAMP PLANTING SOIL AND WATER THOROUGHLY. ADD REMAINING SOIL AND THEN WATER UNTIL NO MORE WATER IS ABSORBED BY THE SOIL.

6. MULCH ENTIRE AREA OF PLANTING BEDS TO DEPTH INDICATED.

SHRUB PLANTING

NOT TO SCALE





NOTES:

1. REMOVE CONTAINER PRIOR TO PLANTING EACH PLANT. 2. PLANT AT SPECIFIED SPACING, WORKING FROM EDGES TOWARD

2. PLANT AT SPECIFIED SPACING, WORKING THOSE EDGE AND ALL BE COURT TO ONE HALF OF THE PLANT SPACING REQUIREMENT FOR EACH PLANT SPECIES AS INDICATED IN THE PLANTING SCHEDULE, UNLESS OTHERWISE SHOWN.

NLESS OTHERWISE SHOWN.

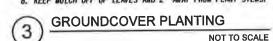
SET PLANT MATERIAL AT ITS ORIGINAL PLANTED DEPTH.

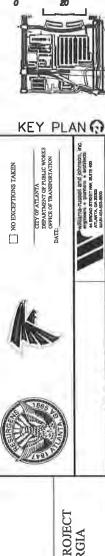
DO NOT ALLOW AIR POCKETS TO FORW WHEN BACKFILLING.

WATER THOROUGHLY FOLLOWING PLANTING.

MULCH ENTIRE AREA OF PLANTING BEDS TO DEPTH INDICATED.

KEEP WULCH OFF OF LEAVES AND 2° AWAY FROM PLANT STEMS.



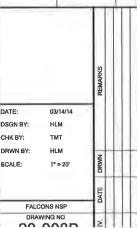


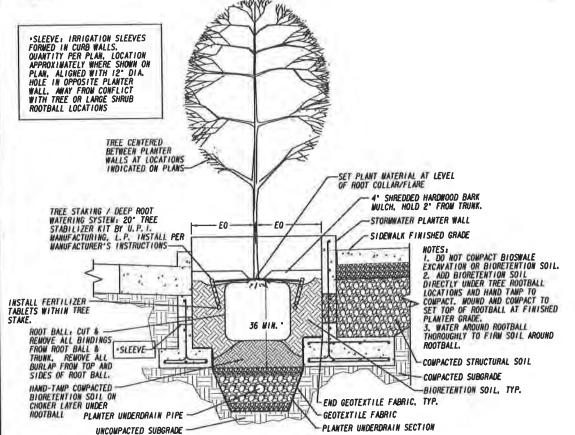
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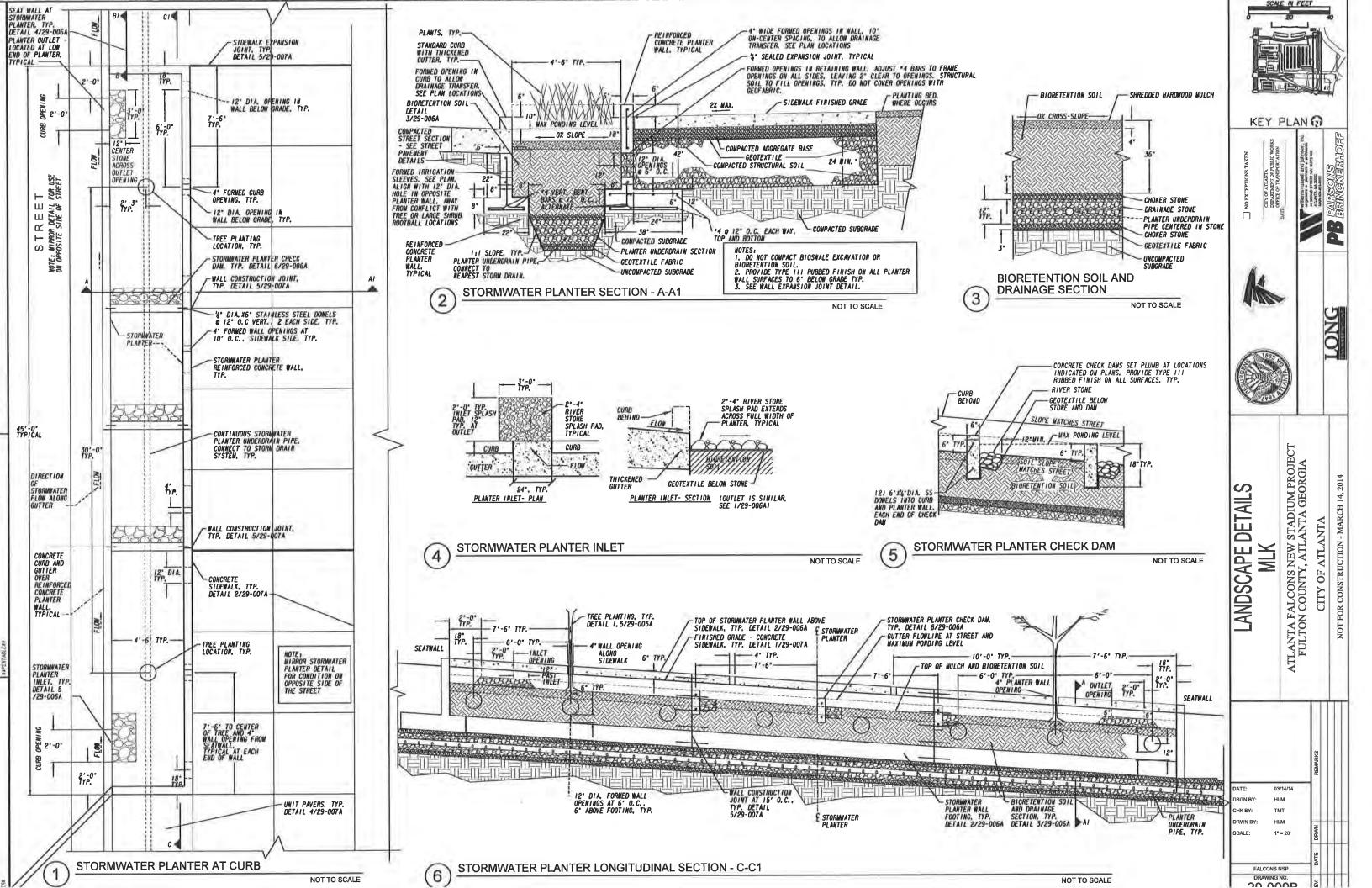
FOR CONSTRUCTION - MARCH 14,

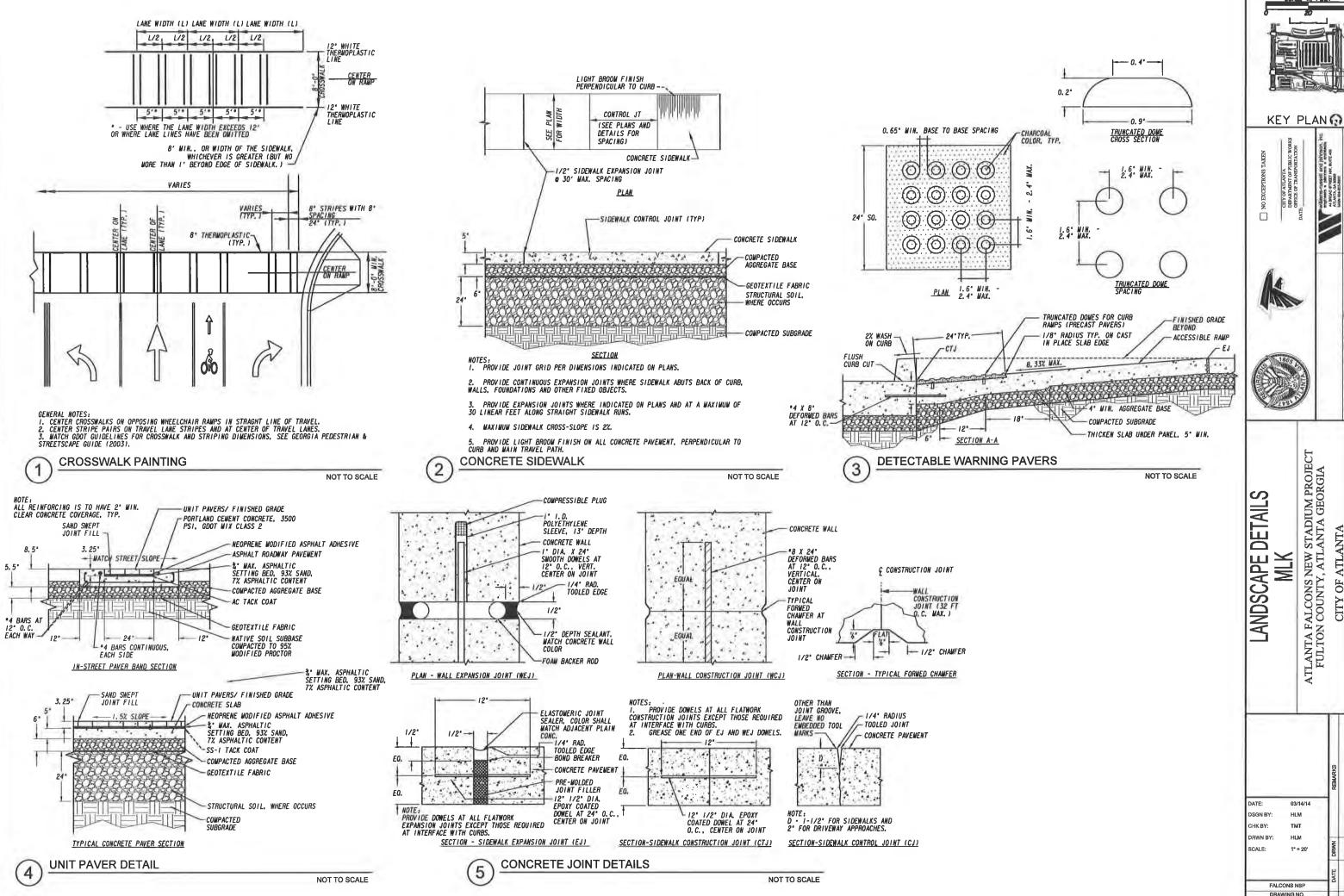
SCALE IN FEET











ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA

03/14/14

HLM

TMT

HLM

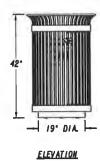
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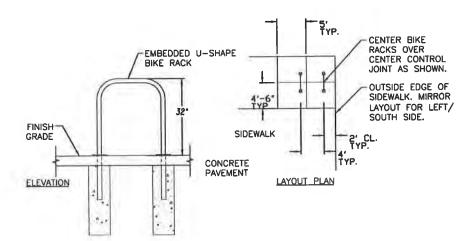
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NOT FOR CONSTRUCTION - MARCH 14, 2014

CITY OF ATLANTA







NOTE:

BIKE RACK SHALL BE MODEL 2100 BIKE DOCK SERIES BY SARIS CYCLING GROUP. COLOR: GLOSS BLACK

BIKE DOCK

4

NOT TO SCALE

NOTES

I. TRASH RECEPTACLE SHALL BE SD-42 IRONSITES SERIES BY VICTOR STANLEY, 36-GALLON SIDE DOOR OPENING TRASH RECEPTACLE WITH STANDARD TAPERED FORWED LID. NO SUBSTITUTIONS WILL BE ACCEPTED.

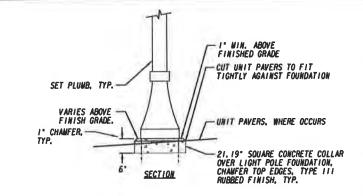
2. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. LEVEL RECEPTACLE USING MFR. INCLUDED LEVELING FEET. 3. MARK TRASH RECEPTACLE ANCHOR LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION. PROVIDE STAINLESS STEEL EXPANSION ANCHORS, MIN. 3° EMBEDWENT INTO POURED-IN-PLACE CONCRETE SUBSTRATE.

4. PROTECT RECEPTACLE THROUGHOUT CONSTRUCTION. CLEAN ANY DEBRIS FROM RECEPTACLE PRIOR TO FINAL ACCEPTANCE.

TRASH RECEPTACLE

NOT TO SCALE

3



SIDEWALK CUT UNIT PAVERS TO FIT TIGHTLY AGAINST FOUNDATION UNIT PAVERS, WHERE OCCURS OUTSIDE EDGE OF CONCRETE LIGHT POLE FOUNDATION OUTSIDE EDGE OF LIGHT POLE BASE COVER BACK OF CURB - 24'-

I. SEE ELECTRICAL DRAWINGS FOR DETAILS ON THE LIGHT POLE AND FOUNDATIONS.
2. SETLIGHT POLE AND FOUNDATION PLUNB. SET SOURCE CONCRETE BASE LEVEL AND I* ABOVE HIGH SIDE OF PAVERS. BOTTOM OF LIGHT POLE BASE COVER IS TO SIT FLUSH WITH CONCRETE BASE.
3. SEE LANDSCAPE PLAN FOR SPACING OF STREET LIGHTS.

TYPICAL STREET LIGHT INSTALLATION AT CURB

NOT TO SCALE

ANDSCAPE DETAILS

NO EXCE

KEY PLAN

ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA

CITY OF ATLANTA

NOT FOR CONSTRUCTION - MARCH 14, 2014

HLM TMT HLM 1" = 20"

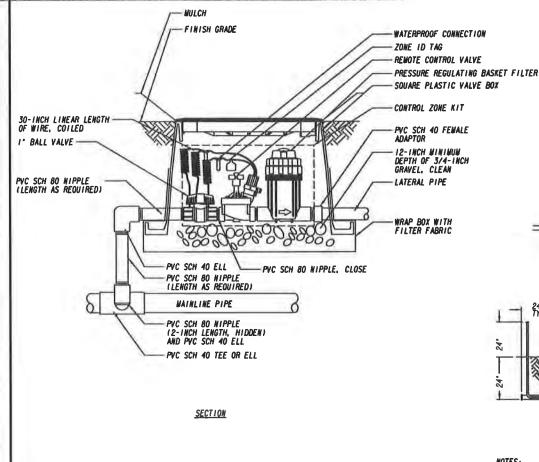
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FALCONS NSP

DRAWING NO.

SIDEWALK ENLARGEMENT

(5



I. CONTROL ZONE KIT SHALL INCLUDE I' BALL YALVE, PVC SCH 80 MIPPLE, CLOSE, PRESSURE REGULATING BASKET FILTER AND REMOTE CONTROL VALVE AS ONE UNIT ASSEMBLY.

- 10" ROUND VALVE BOX WITH COVER

"4 REBAR TAMPED 12" INTO GRADE WITH STAINLESS STEEL GEAR CLAMPS OR EQUIVALENT SUPPORT SYSTEM

- OUICK-COUPLING VALVE

-PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)

-3/4" CLEAN GRAVEL. 3" DEPTH WIN.

PVC SCH BO NIPPLE, LENGTH AS REQUIRED

PVC SCH 40 TEE OR ELL

PVC STREET ELL

BRICK (1 OF 2)

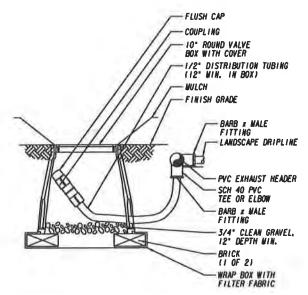
2. VALVE BOX SHALL BE SIZED TO FIT ASSEMBLY SHOWN. ORENT PARALLEL WITH SIDEWALK.

MULCH

-FINISH GRADE

CONTROL ZONE KIT

NOT TO SCALE



4" WIN.-

SECTION

I. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL OUICK COUPLING VALVE INLET SIZE.

1. PROVIDE 12-INCHES MINIMUM OF TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

2. ALL FITTINGS AND TUBING SHALL BE BY THE SAME MANUFACTURER AS THE DRIPLINE.

LANDSCAPE DRIPLINE RISER ASSEMBLY

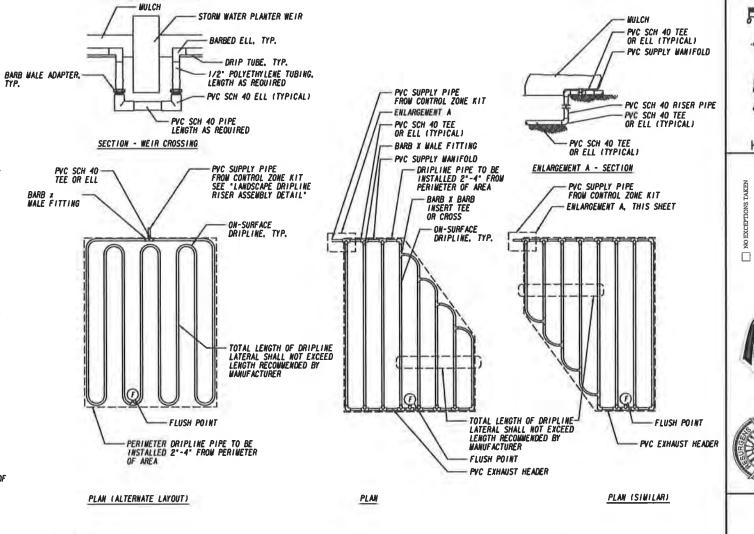
NOT TO SCALE

- DIFFUSER CAP -1/4" TUBING STAKE -1/4" DISTRIBUTION TUBING - PRESSURE-COMPENSATING MODULE BARB INLET # BARB OUTLET EMITTER 1/2° DISTRIBUTION TUBING OR DRIP TUBING MULCH FINISH GRADE

SECTION

I. USE TOOLS REQUIRED BY MANUFACTURER TO INSERT BARB INLET ENITTER INTO TUBING.

EMITTER ASSEMBLY



LANDSCAPE DRIPLINE

MULCH - INLINE DRIP ENITTER OUTLET BARB COUPLING - FINISH GRADE TIE DOWN STAKE

- BARB ELBON DRIPLINE One of the state of - DRIPLINE 1/2" POLYETHYLENE TUBING, LENGTH AS REQUIRED BARB WALE ADAPTER PVC TEE SASAT PVC LATERAL SUPPLY HEADER

2. EQUALLY DISTRIBUTE REQUIRED NUMBER OF EMITTERS AROUND PLANT AT EDGE OF PLANTING PIT.

3. DIRECT DIFFUSER CAP TOWARD PLANT.

NOT TO SCALE

NOT TO SCALE

ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA RRIGATION DETAILS CITY OF ATLANTA

KEY PLAN ()

CITY OF ATLANTA DEPARTMENT OF PI OFFICE OF TRANSPE

03/14/14 DSGN BY: HLM HK BY: TMT DRWN BY: HLM SCALE: 1" = 20" FALCONS NSP

20.0120

DRAWING NO.

SECTION SECTION

- DITCH BACKFILL

CAP, TYP. ELECTRICAL CONDUIT

NOT TO SCALE

PAVING

- SLEEVE

ELECTRICAL COMDUIT

SECTION

I. SEE IRRIGATION MATERIALS SCHEDULE FOR TYPE AND SIZE OF SLEEVES/CONDUITS.

3. MECHANICALLY TAMP BACKFILL TO 95% PROCTOR.

IRRIGATION SLEEVE

2. ALL JOINTS TO BE WATERTIGHT.

2

1. PLACE TIE DOWN STAKES EVERY FIVE FEET.

2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE DOWN STAKES ON EACH LEG OF THE CHANGE IN DIRECTION.

3. ALL FITTINGS, BLANK TUBING AND TIE DOWN STAKES SHALL BE FABRICATED BY THE SAME MANUFACTURER AS THE DRIPLINE.

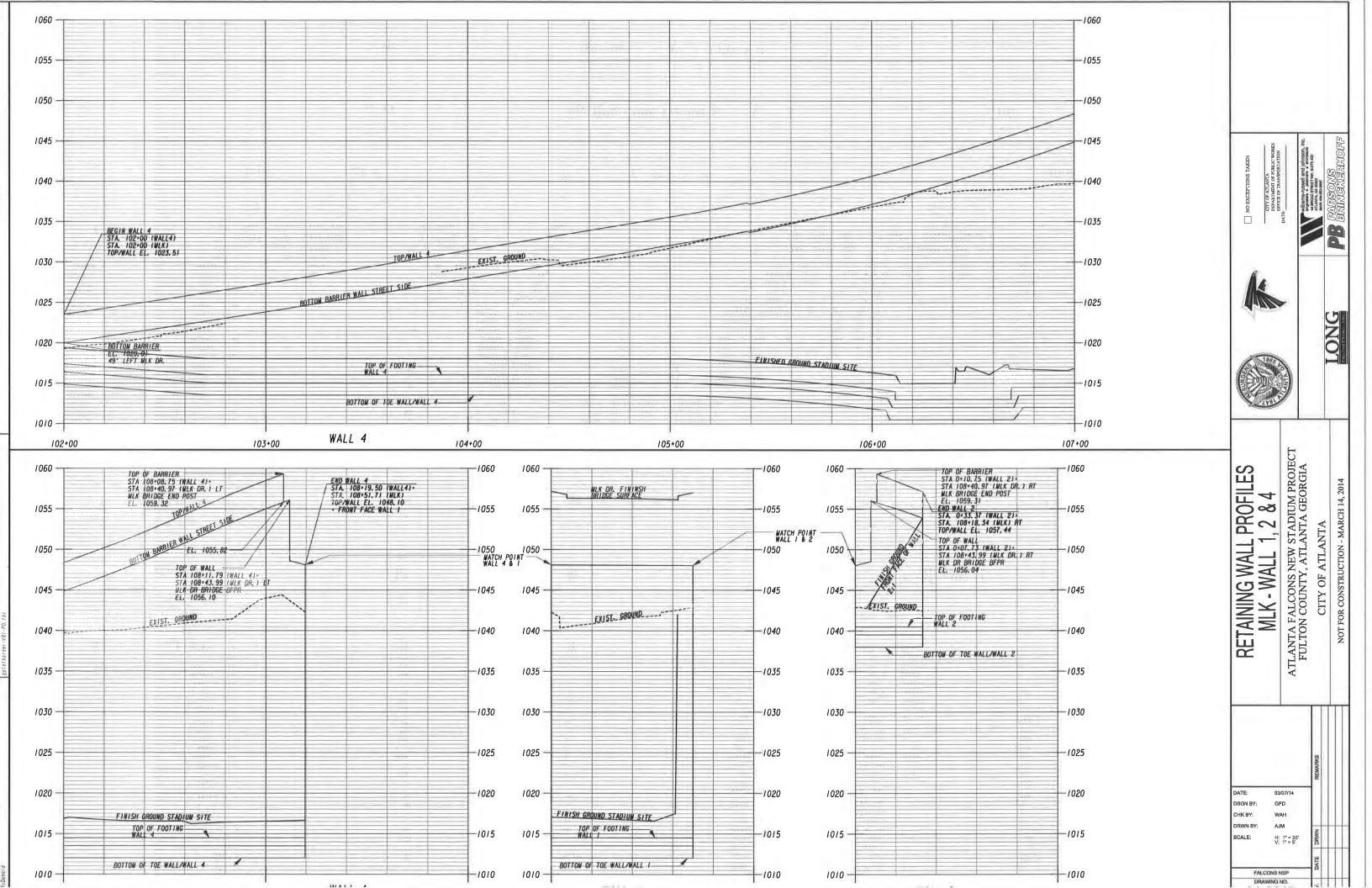
FLUSH POINT ASSEMBLY NOT TO SCALE

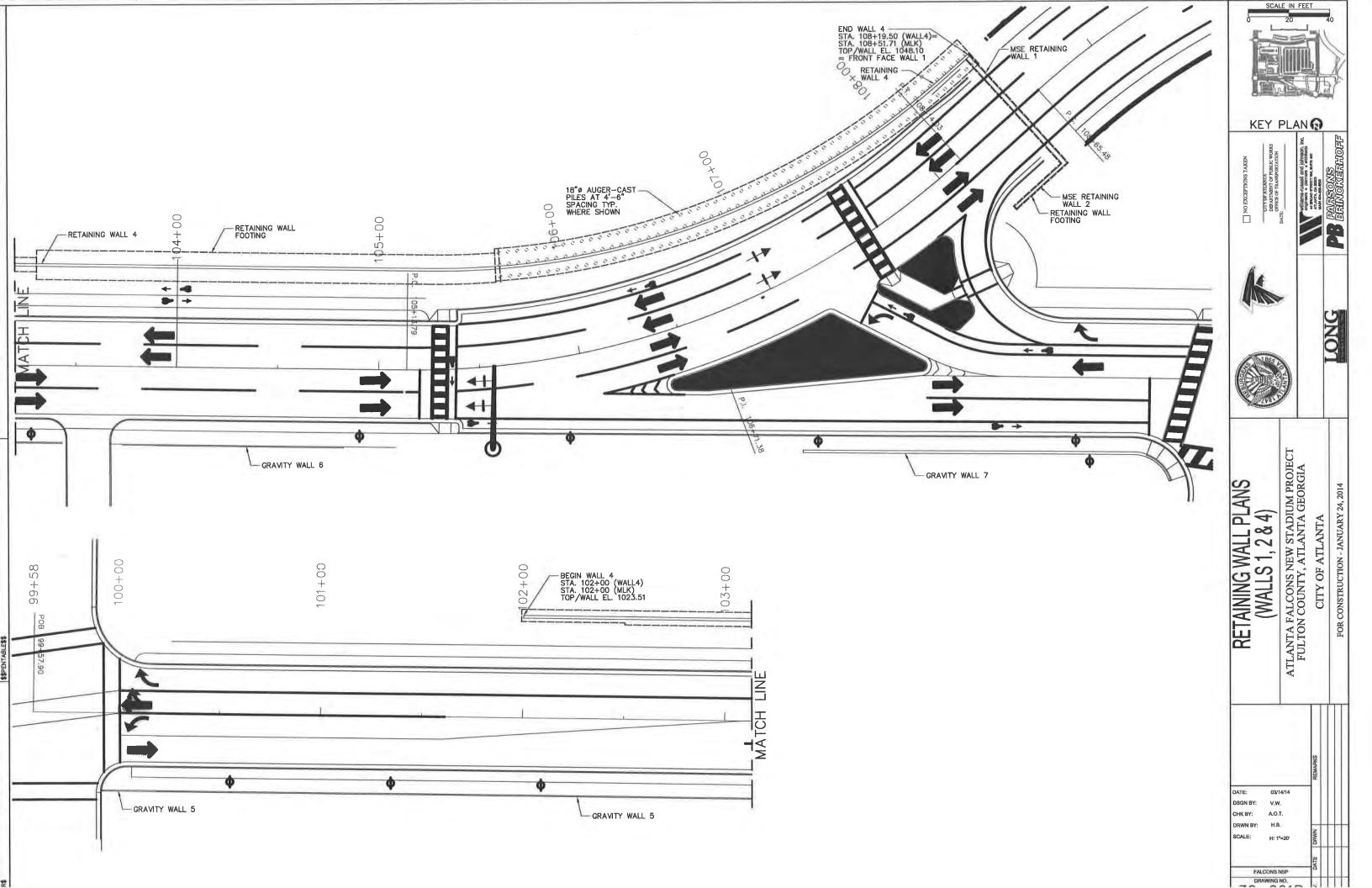
QUICK-COUPLING VALVE

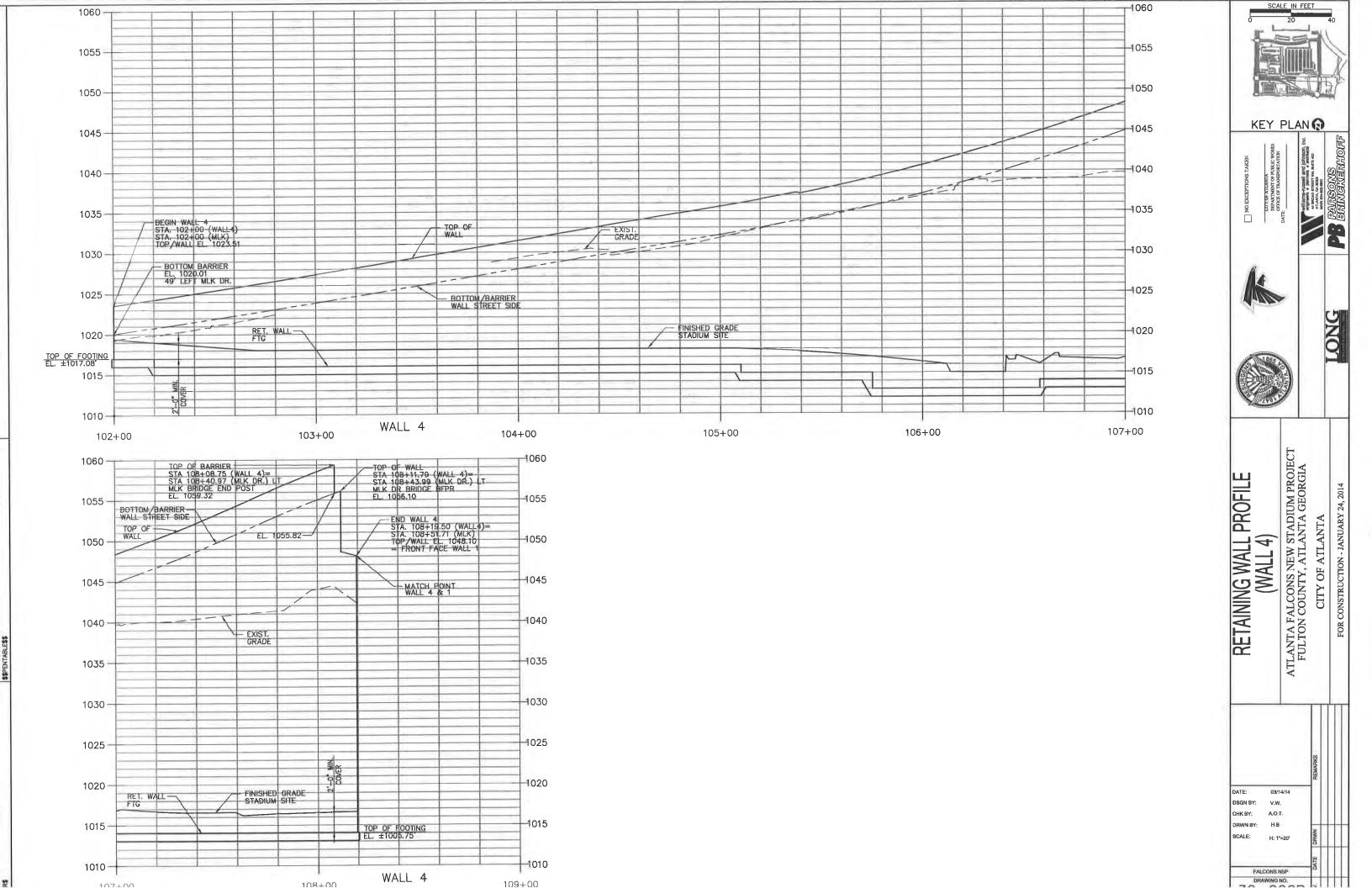
WRAP BOX WITH FILTER FABRIC

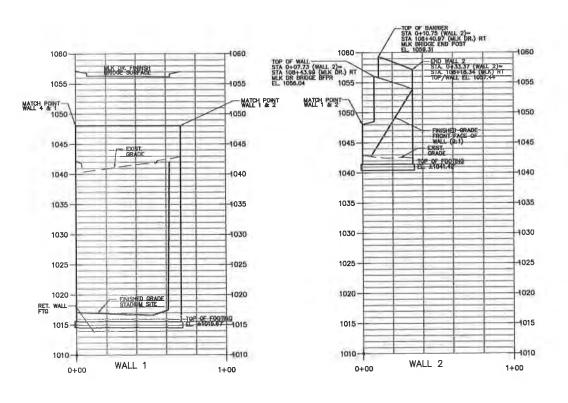
-PVC STREET ELL

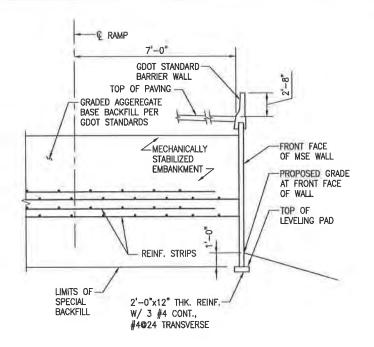
NOT TO SCALE









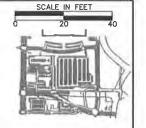


- NOTES:

 1. IF THE CALCULATED BEARING PRESSURE EXCEEDS THE MAXIMUM ALLOWABLE DESIGN PRESSURE FOR THE MSE WALL, THE WALL SHALL FIRST BE BUILT TO A HEIGHT EQUIVALENT TO THE MAXIMUM ALLOWABLE DESIGN PRESSURE, AND A 30-DAY WAITING PERIOD OBSERVED. AFTER THIS WAITING PERIOD, THE WALL MAY BE CONSTRUCTED TO COMPLETION.
- 2. ALL STATIONS AND OFFSETS ARE IN REFERENCE TO THE CONSTRUCTION & OF ROAD, UNLESS OTHERWISE NOTED. OFFSETS ARE GIVEN TO FRONT FACE OF WALL, UNLESS OTHERWISE NOTED.
- 3. PROVIDE A ONE INCH EXPANSION JOINT IN THE COPING AT EVERY FOURTH PANEL.
- 4. ALL MSE WALL PANELS SHALL HAVE A GRAFFITI PROOF COATING AS PER SECTION 838 OF THE GEORGIA DOT SPECIFICATIONS.
- MSE WALL SUPPLIER SHALL BE RESPONSIBLE FOR COORDINATING WITH WRJ FOR PRECASTING SPECIAL ARCHITECTURAL ELEMENT AS SHOWN ON THE CONTRACT PLANS. ALL MSE WALL PANELS SHALL HAVE A PLAIN CONCRETE FINISH.
- CONTRACTOR SHALL COORDINATE DISTANCE BETWEEN FOOTING STEPS AND DEPTH WITH INCREMENTAL WIDTH/HEIGHTS OF MSE PANELS.

DESIGN DATA
DESIGN BEARING PRESSURE-

-MINIMUM 4,000 PSF



KEY PLAN





O EXCEPTIONS TAKEN



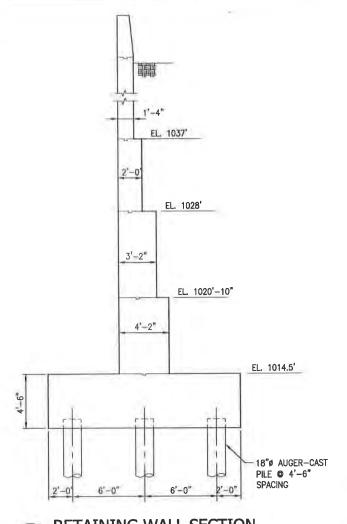


MSE RETAINING WALL PROFILES (WALL 1 & 2) ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA

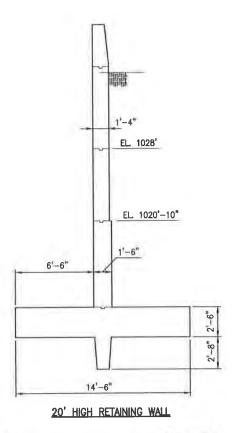
FOR CONSTRUCTION - JANUARY 24, 2014 CITY OF ATLANTA

DATE 03/14/14 DSGN BY: V.W. CHK BY: A.O.T. DRWN BY: H.B SCALE: H: 1"=20' V: 1"=5' FALCONS NSP

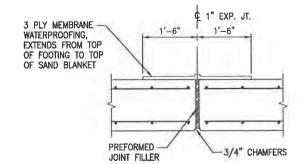
DRAWING NO.



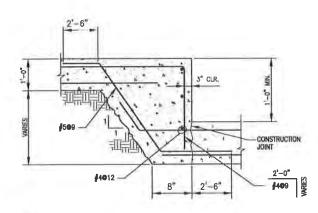
RETAINING WALL SECTION



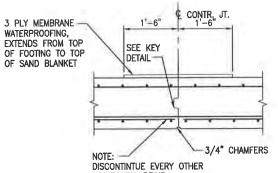
RETAINING WALL SECTION



EXPANSION JOINT DETAIL (E.J.)



STEPPED FOOTING DETAIL Scale: N.T.S.



CONTRACTION JOINT DET. (C.J.)

- AT CONTRACTOR'S OPTION, SIDES OF FOOTING KEY MAY BE VERTICAL MAINTAIN WIDTH SHOWN AT TOP OF KEY, BACKFILL FRONT FACE OF WALL FIRST.
- 2. EXPOSED CONCRETE SURFACES SHALL RECEIVE A TYPE III FINISH.
- 1" Expansion joints shall be provided in wall, footing and key at a maximum spacing of 100 feet. Expansion joints shall be spaced uniformly. Contraction joints shall be provided at maximum spacing of 30'-0"
- A SYNTHETIC DRAINAGE BLANKET SELECTED FROM THE DEPARTMENT'S QUALIFIED PRODUCTS LIST IS AN ACCEPTABLE SUBSTITUTE FOR THE SAND BLANKET, BAG OF STONE, AND MESH SCREEN SHOWN IN THE UNDERDRAIN DETAILS.
- ALL STATIONS AND OFFSETS ARE IN REFERENCE TO THE CONSTRUCTION NO OFFSETS ARE GIVEN TO FRONT FACE OF WALL, UNLESS OTHERWISE NOTED.

-MINIMUM 3.000 PSF ANGLE OF INTERNAL FRICTION—-BACKFILL UNIT WEIGHT———— SURCHARGE ON HEEL-----SURCHARGE ON TOE-----

FOUNDATIONS: ALL FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF. THIS SHALL BE FIELD VERHIED BY A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF GEORGA.

REINFORCED CONCRETE

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITIONS ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE", AS WELL AS TO ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- SHOP DRAWINGS, SHOWING ALL DIMENSIONS AND LOCATIONS FOR PLACING OF THE REINFORCING STEEL AND
 ACCESSORIES SHALL BE SUBMITTED FOR REVIEW TO THE ENGINEER. NO FABRICATION SHALL BEGIN UNTIL SHOP
 DRAWINGS ARE COMPLETED, AND REVIEWED.
- DETAILS OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS
 OF ACI 315, MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, AND CRSI
 MSP-1, MANUAL OF STANDARD PRACTICE.
- 4. UNLESS NOTED OTHERWISE, 28 DAY COMPRESSIVE STRENGTH OF CAST-IN-PLACE CONCRETE SHALL BE 3000 PSI.
- 5. UNLESS NOTED OTHERWISE, MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS: CONCRETE CAST AGAINST EARTH --ALL OTHER REINFORCEMENT -----
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 80. ALL WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A708.
- 7. ALL SPLICES SHALL CONFORM TO THE ACI CODE AND SHALL BE AN ACI 318, CLASS "B" SPLICE, UNLESS NOTED
- 8. UNLESS INDICATED OTHERWISE, ALL BENDS SHALL BE A 80 DEGREE STANDARD HOOK AS DEFINED IN THE LATEST EDITION OF ACI BUILDING CODE 318.
- UNLESS NOTED OTHERWISE, LONGITUDINAL REINFORCING IN FOOTINGS SHALL EXTEND TO THE END OF THE DISCONTINUOUS FACE AT CORNERS AND INTERSECTIONS.
- Welding or tack welding of reinforcing steel shall not be permitted except as authorized or directed by the structural engineer or his representative.
- EXPOSED WALL SURFACES SHALL HAVE LINERS INSTALLED IN THE FORMS, SEE SPECIFICATIONS. EXPANSION, CONTRACTION AND CONSTRUCTION JOINTS SHALL BE LOCATED AT ARCHITECTURAL JOINTS, REFER TO ARCHITECTURAL DRAWING FOR JOINT LOCATIONS.



SCALE IN FEET

KEY PLAN

NO EXCEPTIONS TAKE

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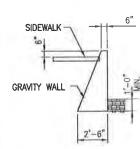
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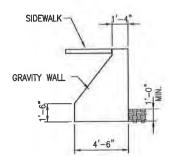
CITY OF ATLANTA

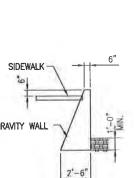
ATLANTA FALCONS NEW STADIUM PROJECT FULTON COUNTY, ATLANTA GEORGIA (WALI

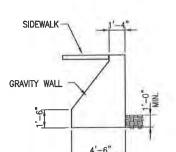
DATE 03/14/14 DSGN BY: CHK BY: A.O.T. DRWN BY: H.B. SCALE:

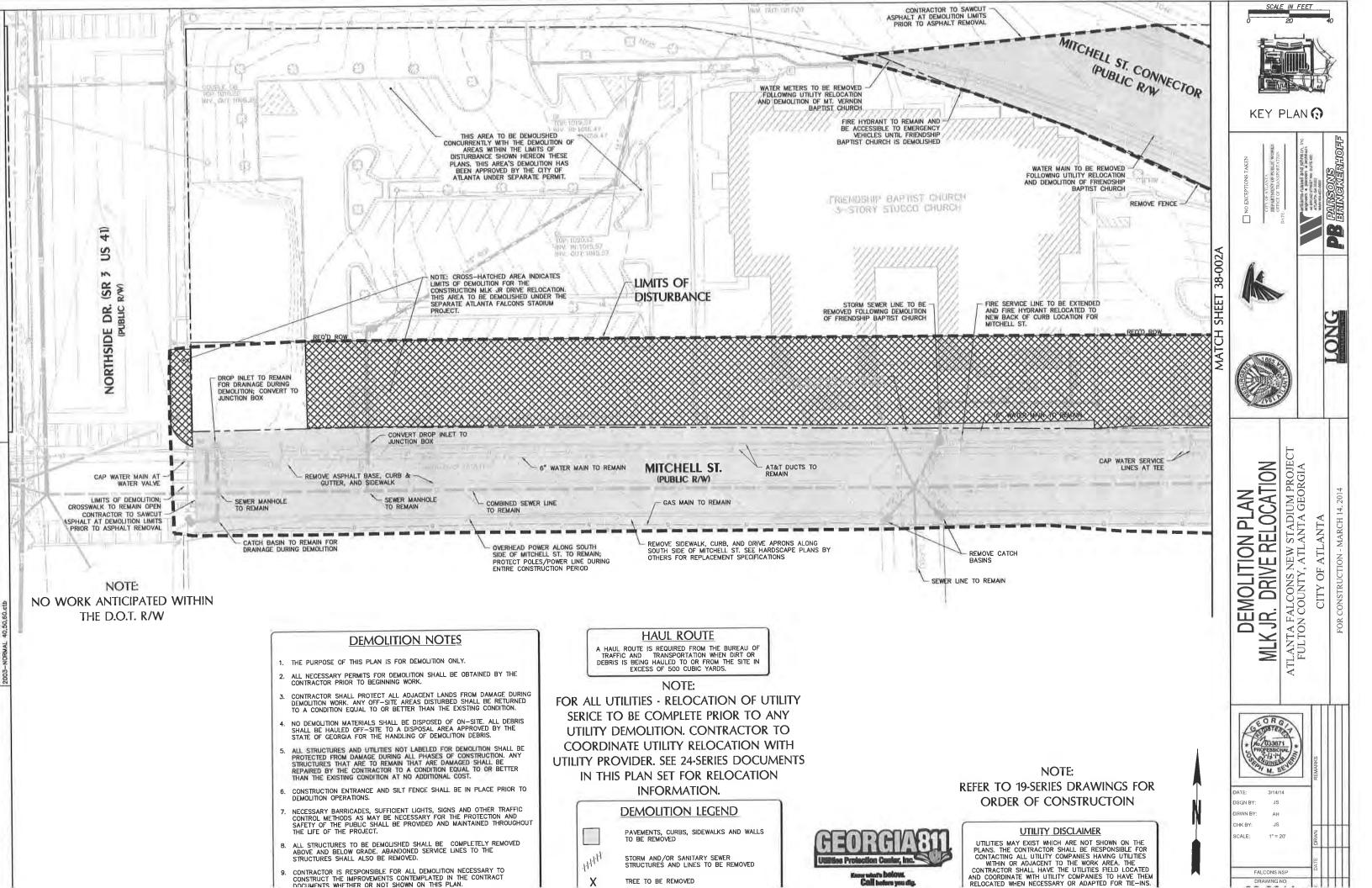
> FALCONS NSP DRAWING NO.

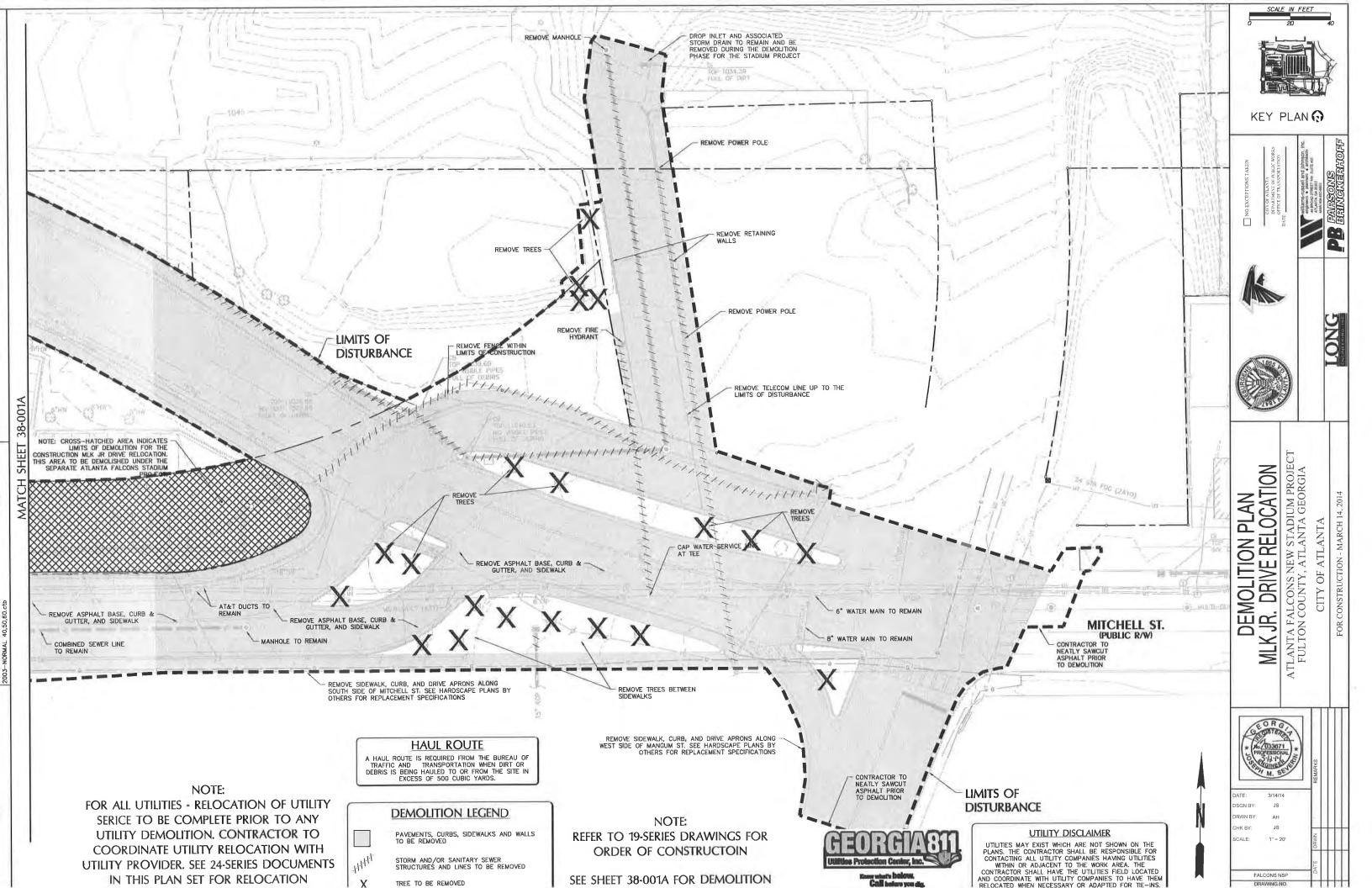












FAILURE TO PROPERLY DESIGN, INSTALL, OR MAINTAIN BEST MANAGEMENT PRACTICES SHALL CONSTITUTE A VIOLATION OF THIS PERMIT FOR EACH DAY ON WHICH SUCH FAILURE OCCURS. BMP MAINTENANCE AS A RESULT OF THE PERMITTEE'S ROUTINE INSPECTION SHALL NOT BE CONSIDERED A VIOLATION FOR THE PURPOSES OF THIS PARAGRAPH. IF DURINGS OF THE PERMITTEES ROUTINE INSPECTION BMP FAILURES ARE OBSERVED WHICH HAVE RESULTED IN SEDIMENT DEPOSITION INTO WATERS OF THE STATE, THE PERMITTEE SHALL CORRECT THE FAILURES AND SHALL SUBMIT A SUMMARY OF THE VIOLATIONS TO EPD.

A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH DISCHARGE RESULTS IN THE TURBIDITY OF RECEIVING WATER(S) BEING INCREASED BY MORE THAN TEN (10) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS CLASSIFIED AS TROUT STREAMS OR MORE THAN TWENTY-FIVE (25) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS SUPPORTING WARM WATER FISHERIES, REGARDLESS OF A PERMITTEE'S CERTIFICATION.

WHEN THE PERMITTEE HAS ELECTED TO MONITOR OUTFALL(S), THE DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE VALUE SELECTED FROM APPENDIX B APPLICABLE TO THE FACILITY OR STAND ALONE CONSTRUCTION, AS SET FORTH THEREIN, THE NEPHELORITIC TURBIDITY UNIT (NTU) VALUE SHALL BE SELECTED FROM APPENDIX B BASED UPON THE SIZE OF THE FACILITY OR STAND ALONE CONSTRUCTION, THE SURFACE WATER DRAINAGE AREA AND WHETHER THE RECEIVING WATER(S) SUPPORTS WARM WATER FISHERIES OR IS A TROUT STREAM AS INDICATED IN THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL.

POLLUTION PREVENTION MEASURES

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT TO DO THE JOB. ALL MATERIALS ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER ONE ROOF OR ENCLOSURE. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINER WITH ORIGINAL MANUFACTURE'S LABEL SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURE. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT INFORMATION.

IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL PREVENTION PRACTICES

MANUFACTURES RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND THE CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN A MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

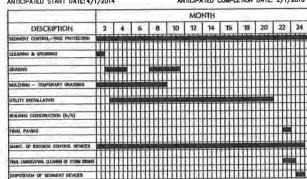
SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDED MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED 11, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE OPERATOR WILL DESIGNATE A SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE AT LEAST THESE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE NAMES OF RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

APPROXIMATE ACTIVITY SCHEDULE

ANTICIPATED COMPLETION DATE: 2/1/2018 ANTICIPATED START DATE: 4/1/2014



NOI REQUIREMENTS

PROJECT INFORMATION

PROJECT NAME: NEW FALCONS STADIUM, MANGUM ST. RELOCATION

GPS LOCATION (HOURS, MIN. SEC): 33'45'27"N, 84"24'02"E

OWNER NAME: GEORGIA WORL CONGRESS CENTER AUTHORITY

ADDRESS: 285 ANDREW YOUNG INTERNATIONAL BLVD, NW ATLANTA, GA 30313, ----

PRIMARY PERMITEE: HHRM, JV

ADDRESS: 101 MARIETTA STREET, ATLANTA, GEORGIA 30303

EPD DISTRICT OFFICE

MOUNTAIN DISTRICT - ATLANTA OFFICE

GEORGIA ENVIRONMENTAL PROTECTION DIVISION

4244 INTERNATIONAL PARKWAY, SUITE 114

PHONE (404) 362-2671

ADDRESS: MITCHELL ST., ATLANTA, GA

POLITICAL: LL 84, 14th DISTRICT

TOTAL SITE AREA: 26 ACRES DISTURBED AREA: 2.33 AC

RECEIVING WATER (TROUT STREAM/WARM WATER & FISHERIES STREAM): CHATTAHOOCHEE RIVER COMBINED SEWER AND TREATMENT AT RM CLAYTON WWTP

SITE DATA

SOILS: ALL SOILS ON SITE ARE CLASSIFIED AS Ub, URBAN SOILS

RUNOFF CURVE NUMBER:

PROPOSED CONDITIONS: 98

SAMPLING OF (OUTFALL/RECEIVING WATER)

NUMBER OF OUTFALLS: 2 APPENDIX B NTU VALUE: 75

SURFACE WATER DRAINAGE AREA (SQ MILES): 0.086

STORMWATER MONITORING RATIONALE

THE FOLLOWING FACTORS WERE CONSIDERED WHEN DETERMINING THE STORMWATER MONITORING

-THE SIZE OF THE DRAINAGE BASINS EXITING THE PROJECT SITE - TYPICALLY LARGER BASINS WERE CHOSEN FOR MONITORING POINTS. LARGER BASINS PRODUCE HIGHER STORMWATER FLOWS THEREFORE INCREASING THE CONSISTENCY OF THE STORMWATER SAMPLES. FOR THIS SITE THE LARGER BASINS WITH DEFINED CHANNELS I.E. PIPES, EXITING THE PROJECT AREA, WERE CHOSEN. -LOCATION OF MONITORING POINTS - MONITORING POINTS WERE CHOSEN AT THE LOCATIONS WHERE STORMWATER EXITS THE SITE. FOR THIS PROJECT THE MONITORING POINTS ARE LOCATED AT POINTS THAT DIRECTLY REPRESENT THE LARGEST BASINS. -PRE- AND POST-DEVELOPED CONDITIONS - THE PRE-DEVELOPED MONITORING POINTS WILL BE REVISED TO THE POST-DEVELOOPED CONDITIONS DUE TO A RE-ROUTING OF FLOW.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBANCE ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

GENERAL NOTES

THE PRIMARY PERMITTEE SHALL MAKE PLANS AVAILABLE UPON REQUEST TO THE EPD; TO DESIGNATED OFFICIALS OF THE LOCAL GOVERNMENT REVIEWING SOIL EROSION AND SEDIMENT CONTROL PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; OR IN THE CASE OF A STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM WITH AN NPDES PERMIT, TO THE LOCAL GOVERNMENT OPERATING THE MUNICIPAL SEPARATE STORM SEWER SYSTEM.

EPD MAY NOTIFY THE PRIMARY PERMITTEE AT ANY TIME THAT THE PLAN DOES NOT MEET ONE OR MORE OF THE MINIMUM REQUIREMENTS OF THIS PART. WITHIN SEVEN (7) DAYS OF SUCH NOTIFICATION (OR AS OTHERWISE PROVIDED BY EPD), THE PRIMARY PERMITTEE SHALL MAKE THE REQUIRED CHANGES TO THE PLAN AND SHALL SUBMIT TO EPD EITHER THE AMENDED PLAN OR A WRITTEN CERTIFICATION THAT THE REQUESTED CHANGES HAVE

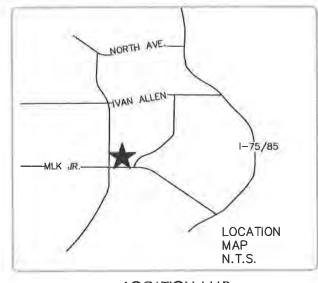
THE PRIMARY PERMITTEE(S), AS APPLICABLE, SHALL AMEND THEIR PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT, I.E., THOSE BMPS WHERE THE DESIGN IS BASED UPON RAINFALL INTENSITY, DURATION AND RETURN FREQUENCY OF STORMS OR ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO THE WATERS OF GEORGIA AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN, IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS, OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTBUCTION, ACTIVITY, AMENDMENTS TO THE PLAN MUST BE CERTIFIED BY A DESIGN PROFESSIONAL AS PROVIDED IN THIS PERMIT.

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN SHALL INCLUDE, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED.

ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED ALL WRITTEN CORRESPONDENCE REQUIRED BY HIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD. EACH PERMITTEE MUST COMPLY WITH ALL APPLICABLE CONDITIONS OF THIS PERMIT. ANY PERMIT NONCOMPLIANCE CONSTITUTES A VIOLATION OF THE GEORGIA WATER QUALITY CONTROL ACT AND IS GROUNDS FOR ENFORCEMENT ACTION; FOR PERMIT TERMINATION; OR FOR DENIAL OF A PERMIT RENEWAL APPLICATION. FAILURE OF A PRIMARY PERMITTEE TO COMPLY WITH ANY APPLICABLE TERM OR CONDITION OF THIS PERMIT SHALL NOT RELIEVE ANY OTHER PRIMARY PERMITTEE FROM COMPLIANCE WITH THEIR APPLICABLE TERMS AND CONDITIONS OF THIS PERMIT.

EACH PERMITTEE MUST DOCUMENT IN THEIR RECORDS ANY AND ALL KNOWN VIOLATIONS OF THIS PERMIT AT HIS/HER SITE WITHIN SEVEN (7) DAYS OF HIS/HER KNOWLEDGE OF THE VIOLATION. A SUMMARY OF THESE VIOLATIONS MUST BE SUBMITTED TO EPD BY THE PERMITTEE WITHIN FOURTEEN (14) DAYS OF HIS/HER DISCOVERY

THE NOTES PRESENTED HERFIN SUMMARIZE THE PERTINENT POINTS IN GENERAL PERMIT 4



LOCATION MAP N.T.S.

CONSTRUCTION DESCRIPTION

PROJECT DESCRIPTION: REMOVAL OF A PORTION OF THE EXISTING PAVED ROAD, MITCHELL ST., FOR THE CONSTRUCTION OF THE NEW ATLANTA FALCONS STADIUM. MANGUM ST. TO BE REROUTED ALONG WITH UTILITIES WITHIN THE LIMITS OF CONSTRUCTION.

24 HOUR EMERGENCY CONTACT: BOB EVANS 404.401.8762

OWNER'S SIGNATURE

"I CERTIFY UNDER THE PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED UPON A PROPERLY GATHER AND EVALUATE THE INFORMATION SOBMITTED. BASED OF MY MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS"

OWNER/OPERATOR'S PRINTED NAME:

TITLE:

NPDES PROFESSIONAL CERTIFICATION

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100002."

JOSEPH SEVERIN, PE (CERT.# 56533)

SITE VISIT CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

JOSEPH SEVERIN, PE (CERT.# 56533)



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NEW STADIUM PROJE , ATLANTA GEORGIA OF.

TLANTA FALCONS
FULTON COUNTY

8 0 E



FALCONS NS

SAMPLING REQUIREMENTS

GENERAL NPDES PERMIT # GAR 100002 REQUIRES THE SAMPLING OF STORMWATER RUNOFF AND MONITORING OF

ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136.

SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES. LABELING

SHOULD INCLUDE: -PROJECT NAME

-SAMPLE LOCATION

-SAMPLE NO -DATE COLLECTED -TIME COLLECTED

SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

LARGE MOUTH, GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED

MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED, SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TRIBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD.

FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).

CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL

THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS

ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING ACL SAMPLING PORSONNI TO THIS PENNIN MOST DESCRIPTION (INDESCRIPTION OF THE PROJECT OF THE SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY)
AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE FACILITY/SITE IS
IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.C.3. OR III.C.4., WHICHEVER IS

THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW, FOR A QUALIFYING EVENT, SAMPLES MUST BE TAKEN WITHIN FORTY-FIVE (45) MINUTES OF:

- (A) THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL FOR THE QUALIFYING EVENT, IF THE STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL HAS BEGUN AT OR PRIOR TO THE ACCUMULATION, OR
- (B) THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL FOR THE QUALIFYING EVENT.

HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING EVENTS

- (A) FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS* (MONDAY THRU FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO BUSINESS HOURS? (MUNUAL TIRED FRIDAT, 8:00 MIT 10:3.00 PM AND STRONG TO STRONG TO STRONG THE PRIMARY PERMITTEE)
 THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED
 IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;
- IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

 (B) IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS "THAT OCCURS EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST
- COMES FIRST;

 (C) AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS ARE FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FURTHER ACTION IS REQUIRED. IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN 2 BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST—STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED; AND

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING AT ANY TIME OF THE DAY OR WEEK.

RECORDING AND RECORDS

OWNERS OR OPERATORS OR BOTH WHO INTEND TO OBTAIN COVERAGE UNDER THIS GENERAL PERMIT FOR STORM WATER DISCHARGES FROM A CONSTRUCTION SITE, SHALL SUBMIT A NOTICE OF INTENT (NOI) IN ACCORDANCE WITH THE REQUIREMENTS OF THIS PART AT LEAST FOURTEEN (14) DAYS PRIOR TO THE COMMENCEMENT OF

NO'S ARE TO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO BOTH THE DISTRICT OFFICE OF THE EPD AND TO THE LOCAL ISSUING AUTHORITY.

WHERE AN OWNER OR AN OPERATOR OR BOTH CHANGES AFTER AN NOI HAS BEEN FILED. THE SUBSEQUENT OWNER OR OPERATOR OR BOTH MUST FILE A NEW NOI AT LEAST SEVEN (7) DAYS BEFORE BEGINNING OF WORK

THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE EPD AT THE ADDRESS, SHOWN ON THE RIGHT OF THIS MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FECQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH CORPORATE OFFICER, GENERAL PARTNER, PRINCIPAL EXECUTIVE DEFICER, OR THEIR DULY AUTHORIZED (IN WRITING) REPRESENTATIVE. SAMPLING REPORTS MUST BE SUBMITTED.

EACH PERMITTEE MUST RETAIN COPIES OF ALL MONITORING RESULTS REPORTED BY THAT PERMITTEE IN ACCORDANCE WITH THIS PART, IN ADDITION TO OTHER RECORD KEEPING REQUIREMENTS, THE MONITORING INFORMATION SHALL INCLUDE:

- A. THE DATE, EXACT PLACE, AND TIME OF SAMPLING OR MEASUREMENTS;
 B. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS;

C. THE DATE(S) ANALYSES WERE PERFORMED; D. THE TIME(S) ANALYSES WERE INITIATED;

- E. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE ANALYSES;
 F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL
- TECHNIQUES OR METHODS USED.; AND

 G. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT
 READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS.
- H. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000

EACH PRIMARY PERMITTEE SHALL RETAIN A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE OR THE PLAN SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. PRIMARY PERMITTEES ARE ENCOURAGED TO POST COPIES OF THEIR NOI, EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN, SAMPLING RESULTS, INSPECTION REPORTS, ETC. ON OR IN A PERMIT BOARD AT THE CONSTRUCTION EXIT TO FACILITATE INSPECTIONS BY LOCAL ISSUING AUTHORITIES AND EPD.

COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, REPORTS, PLANS, MONITORING REPORTS, MONITORING INFORMATION, INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP

MONITORING INFORMATION, INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP
CHART RECORDINGS FOR
CONTINUOUS MONITORING INSTRUMENTATION, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS
OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER
RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT
FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

Sd3 EXCLUSION RATIONALE

RATIONALE FOR EXCLUDING TEMPORARY SEDIMENT STORAGE POND.

—IN ACCORDANCE TO THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION, GENERAL PERMIT NO. GAR 100002 (AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM). STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR INFRASTRUCTURE CONSTRUCTION PROJECTS. PART IV.D.2.A.3, SEDIMENT BASINS PROVIDING AT LEAST 1800 CUBIC INFRASTRUCTURE CONSTRUCTION PROJECTS. PART IV.D.2.A.3, SEDIMENT BASINS PROVIDING AT LEAST 1800 CUBIC FEET (87 CY) OF STORAGE PER ACRE ARE REQUIRED. THE FOLLOWING IS A WRITTEN RATIONALE EXPLAINING THE DECISION NOT TO USE SEDIMENT BASINS FOR THE SUBJECT INFRASTRUCTURE PROJECT:

-SIGNIFICANT EARTH MOVING OPERATIONS ARE NOT PROPOSED FOR THIS PROJECT. THE SCOPE OF SITE WORK INCLUDES THE FOLLOWING; INSTALLING SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICE'S (BMP'S), ROADWAY DEMOLITION, UTILITY RELOCATION AND ROADWAY REPLACEMENT.

-THE BMP'S WILL INCLUDE THE INSTALLATION OF TYPE 'C' WIRE REINFORCED SILT FENCE DOWNSLOPE FROM DISTURBANCE AND AT THE LIMITS OF DISTURBANCE WERE SEDIMENT COULD BE CARRIED OFF—SITE BE MEANS OF STORMWATER SHEET FLOW. CHECK DAMS WILL BE INSTALLED IN ANY NON—STATE WATER CONCENTRATED FLOW AREAS. STRAM WULCHING, TEMPORARY VEGETATION, AS WELL AS PERMANENT VEGETATION WILL BE INSTALLED AS OUTLINED IN THE EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN.

THE DISTURBED AREA FOR THIS PROJECT IS 2.33 AC, THEREFORE, THE REQUIRED SEDIMENT STORAGE VOLUME IS 2.33 AC X 87 CY PER ACRE = 348 CY OF STORAGE REQUIRED. 38 CY OF STORAGE IS PROVIDED IN THE 2440 LINEAR FEET OF SDI—C SILT FENCE. THE DRAINAGE AREA SHALL NOT EXCEED 0.25 ACRES FOR EVERY 100 LINEAR FEET OF SILT FENCE.

PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS: ALL ON SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY PETROLEUM TO BE STORED IN TANKS WILL HAVE BE SURROUNDED BY AN EARTHEN BERM AS A SECONDARY PROTECTIVE MEASURE ALL CONTAINERSTANKS WILL BE REGULARLY INSPECTED FOR CRACKS OR LEAKAGE. IF POSSIBLE, PETROLEUM PRODUCTS WILL BE STORED IN A COVERED AREA. ANY ASPHALT SUBSTANCES USED ON SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS.

PAINTS; ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM OR SURFACE WATERS BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURE'S INSTRUCTIONS AND FEDERAL, STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS: CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASHOUT OR DISCHARGE SURPLUS CONCRETE DRUM WASH ON SITE EXCEPT IN DESIGNATED WASH AREAS. WASH AREAS, IF CONSTRUCTED, WILL CONSIST OF AN ENCLOSED WASTE COLLECTION AREA THAT WILL CONTAIN THE CONCRETE WASH UNTIL IT HARDENS.

FERTILIZERS: FERTILIZER USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED (WHENEVER POSSIBLE). THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO SEALABLE PLASTIC BINS TO AVOID SPILLS (WHENEVER POSSIBLE).

SANITARY/SEPTIC WASTES: ALL SANITARY WASTE FACILITIES WILL BE SERVICED BY A QUALIFIED DOMESTIC WASTE HAULER. FACILITIES WILL BE PLACED OUT OF HIGH FLOW AREAS, AND WILL BE KEPT AWAY FROM, AND NOT RINSED INTO, STORM DRAIN INLETS AND RECEIVING BODIES OF WATER.

MULCH: MULCH STORAGE MUST COMPLY WITH THE FOLLOWING SECTION OF THE STANDARD FIRE PREVENTION CODE: SECTION 502.3.1 — NO PERSON SHALL STORE IN ANY BUILDING OR UPON ANY PREMISES IN EXCESS OF 2,500 CU.FT. GROSS VOLUME OF COMBUSTIBLE EMPTY PACKING CASES, BOXES, BARRELS OR SIMILAR CONTAINERS, OR RUBBER TIRES, OR RUBBER OR OTHER SIMILARLY COMBUSTIBLE MATERIALS WITHOUT A PERMIT.

SANDBLASTING GRITS: NO SANDBLASTING GRIT WILL BE DISPOSED OF ON SITE, ITS DISPOSAL WILL BE COORDINATED WITH A LICENSED WASTE MANAGEMENT OR TRANSPORT AND DISPOSAL FIRM.

CONSTRUCTION WASTES: ALL CONSTRUCTION WASTE, FOR EXAMPLE: RUBBLE, PACKAGING MATERIALS, SCRAP BUILDING SUPPLIES, AND TREES AND SHRUBS REMOVED DURING GRUBBING, WILL BE COLLECTED AT A DESIGNATED ON—SITE LOCATION. IF POSSIBLE THE WASTE ACCUMULATION AREA WILL BE LOCATION AS TO BE A COMPARED A FEA. ALL CONSTRUCTION, WASTES MILL BE REMOVED REGULARLY ON A CONSISTENT SCHEDULE AND DISPOSED OF AT AUTHORIZED DISPOSAL SITES.

DETERGENTS: THE USE OF DETERGENTS WILL BE LIMITED ON SITE, AND NO WASH WATER CONTAINING DETERGENTS

EROSION CONTROL & DRAINAGE NOTES

- EROSION AND SILTATION CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF OTHER CONSTRUCTION AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
 - 2. ANY FAILURE OF ANY EROSION CONTROL DEVICE TO FUNCTION AS INTENDED FOR ANY REASON SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - ALL DISTURBED AREAS ARE TO BE GRASSED AS SOON AS CONSTRUCTION PHASE PERMITS. TEMPORARY MULCHING SHALL BE UTILIZED DURING THE PERIOD OF GERMINATION OF GRASS SEEDINGS USING STRAW OR HAY MULCH, JUTE MATTING OR SYNTHETIC FIBERS.
 - 4. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL CONFORM TO THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA AND ANY APPLICABLE LOCAL REGULATIONS.
 - 5. EROSION CONTROL DEVICES WILL BE PROPERLY INSTALLED PRIOR TO SITE DISTURBANCE, MAINTAINED IN GOOD WORKING CONDITION UNTIL COMPLETION OF PROJECT, AND REPLACED WHEN EFFECTIVENESS IS REDUCED TO
 - 6. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH SUITABLE PERENNIAL VEGETATION, ACCORDING TO SOIL CONSERVATION SERVICE OR GEORGIA EXTENSION SERVICE SPECIFICATIONS, IMMEDIATELY FOLLOWING THE
 - 7. STRIPPING OF VEGETATION, GRADING OR OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A
 - 8, WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENTED.
 - 9. ALL SEDIMENT COLLECTED DURING MAINTENANCE OF EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED FROM THE SITE OR SPREAD IN LANDSCAPED OR NATURALLY VEGETATED AREAS, SEEDED AND
 - 10. DETENTION FACILITIES AND EROSION AND SILTATION CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF OTHER CONSTRUCTION AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. THE DEVICES SHALL BE MOVED AND ADJUSTED AS NEEDED TO KEEP A FUNCTIONING SYSTEM THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES SHALL INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION EXITS, SILT FENCE, STORM INLET/OUTLET PROTECTION, DIVERSION DIKE OR DOWNDRAINS ON LONG STEEP SLOPES AND TEMPORARY GRASSING.
 - 11. SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
 - 12. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
 - 13. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
 - 14. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171 TEMPORARY SILT FENCE, OF THE GEORGIA STANDARD SPECIFICATIONS, 1993 EDITION AND BE WIRE REINFORCED.
 - 15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN QUALIFIED PROFESSIONAL ADVICE WHEN QUESTIONS ARISE CONCERNING DESIGN AND EFFECTIVENESS OF EROSION CONTROL DEVICES, NOT THE CITY OF
 - 16. ALL TEMPORARY AND PERMANENT SEEDING MUST BE PREFORMED AT THE APPROPRIATE SEASON. IN SUCH INSTANCES WHERE THE ESTABLISHMENT OF VEGETATION IS INOPPORTUNE DUE TO SEASON OR DROUGHT, DISTURBED AREAS SHALL BE TEMPORARY STABILIZED USING 2"-4" OF MULCH (Ds1). ADDITIONAL PLANTINGS WILL BE NECESSARY IF A SUFFICIENT STAND OF GRASS FAILS TO GROW.

DESIGN PROFESSIONAL 7-DAY VISIT CERT.

CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF

NSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL

CERTIFICATION #

DATE OF INSPECTION: ----

CERTIFICATION IS OBTAINED.

GSWCC LEVEL II DESIGN PROFESSIONAL

INSPECTION

17. THE CITY'S DESIGNEE WILL VERIFY ADEQUATE COVER (100% COVER, 70% DENSITY) OF PERMANENT STABILIZATION (Ds3. Ds4).



KEY PLAN

SCALE IN FEET







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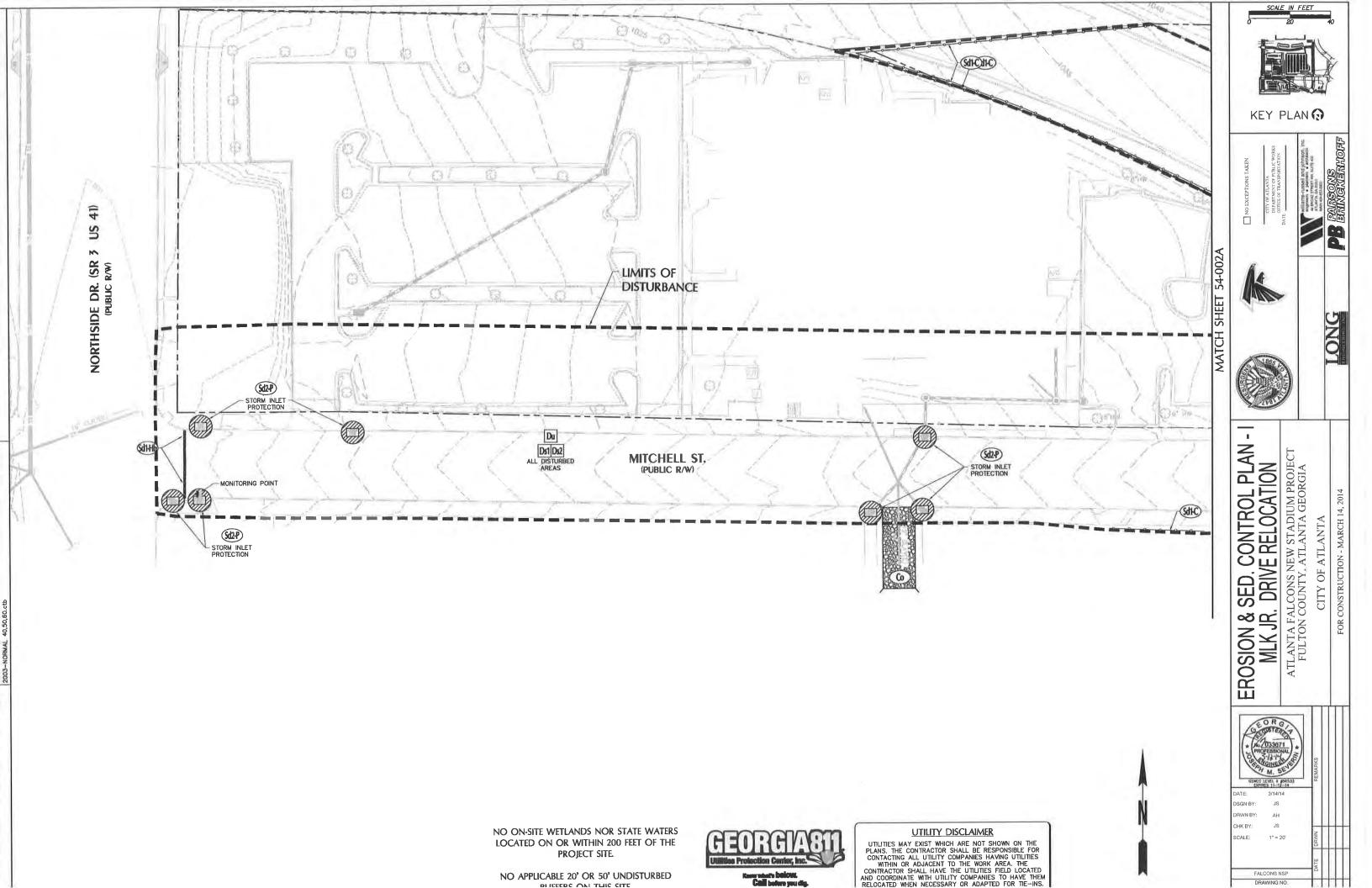
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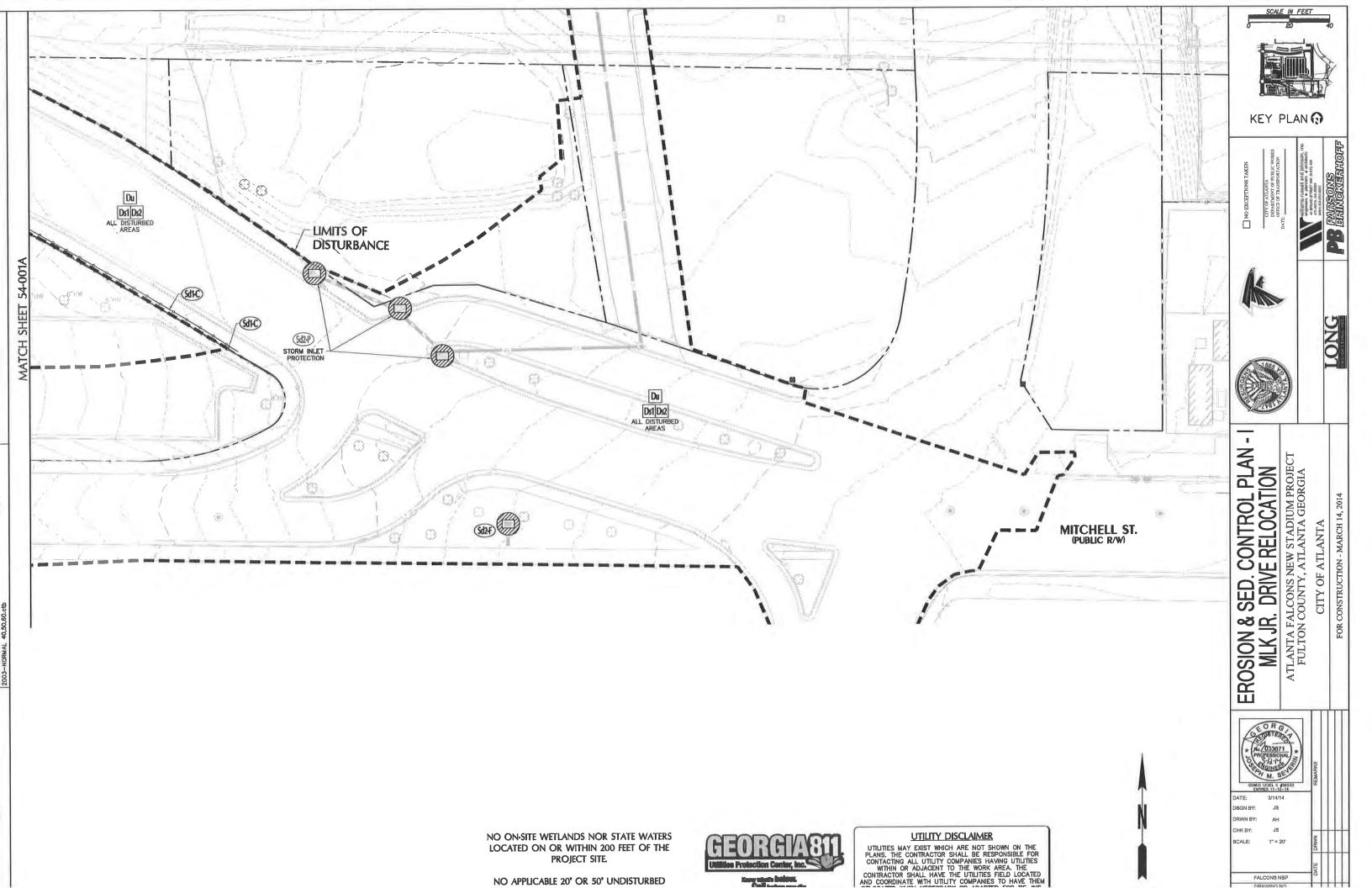
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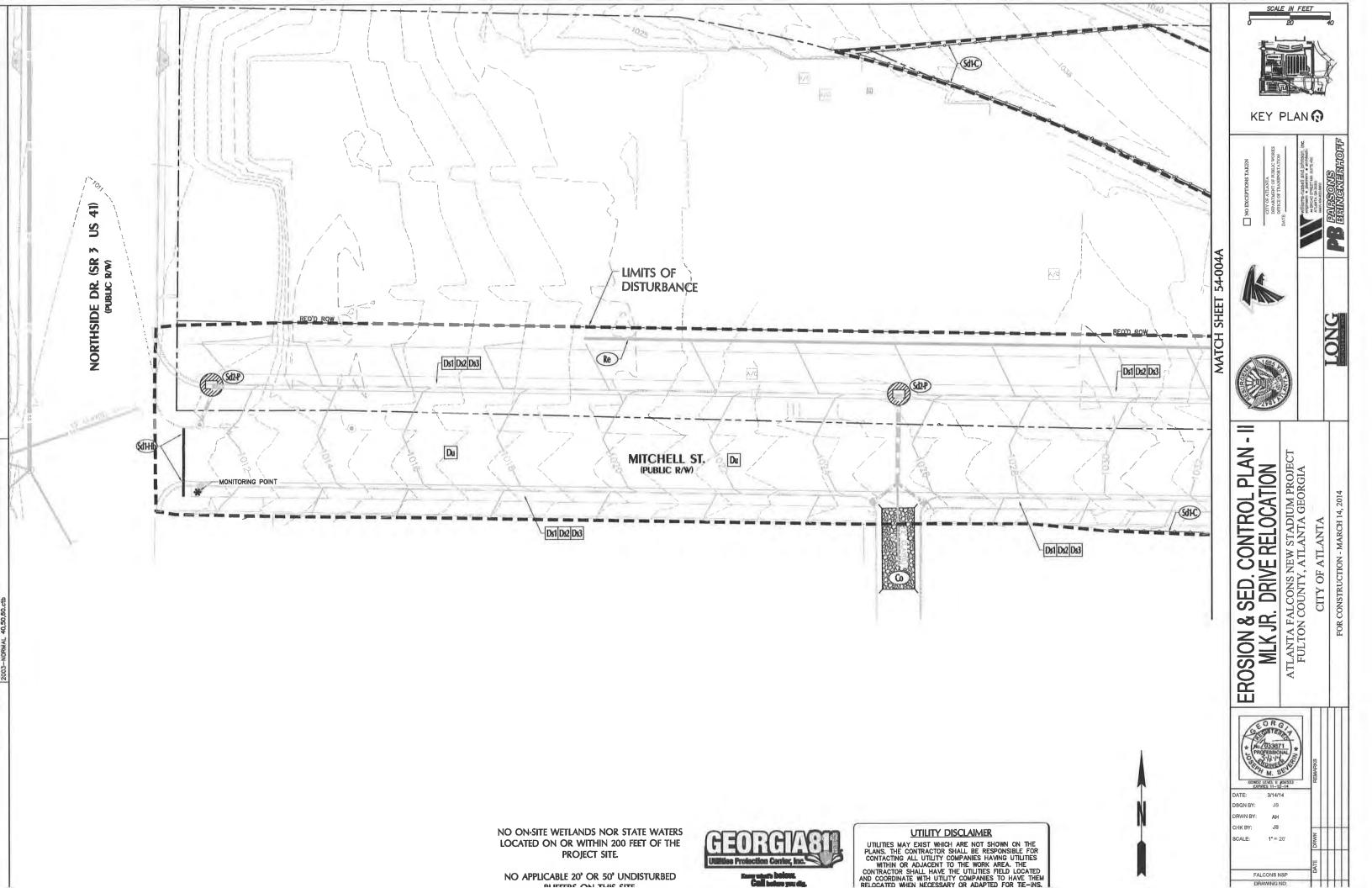


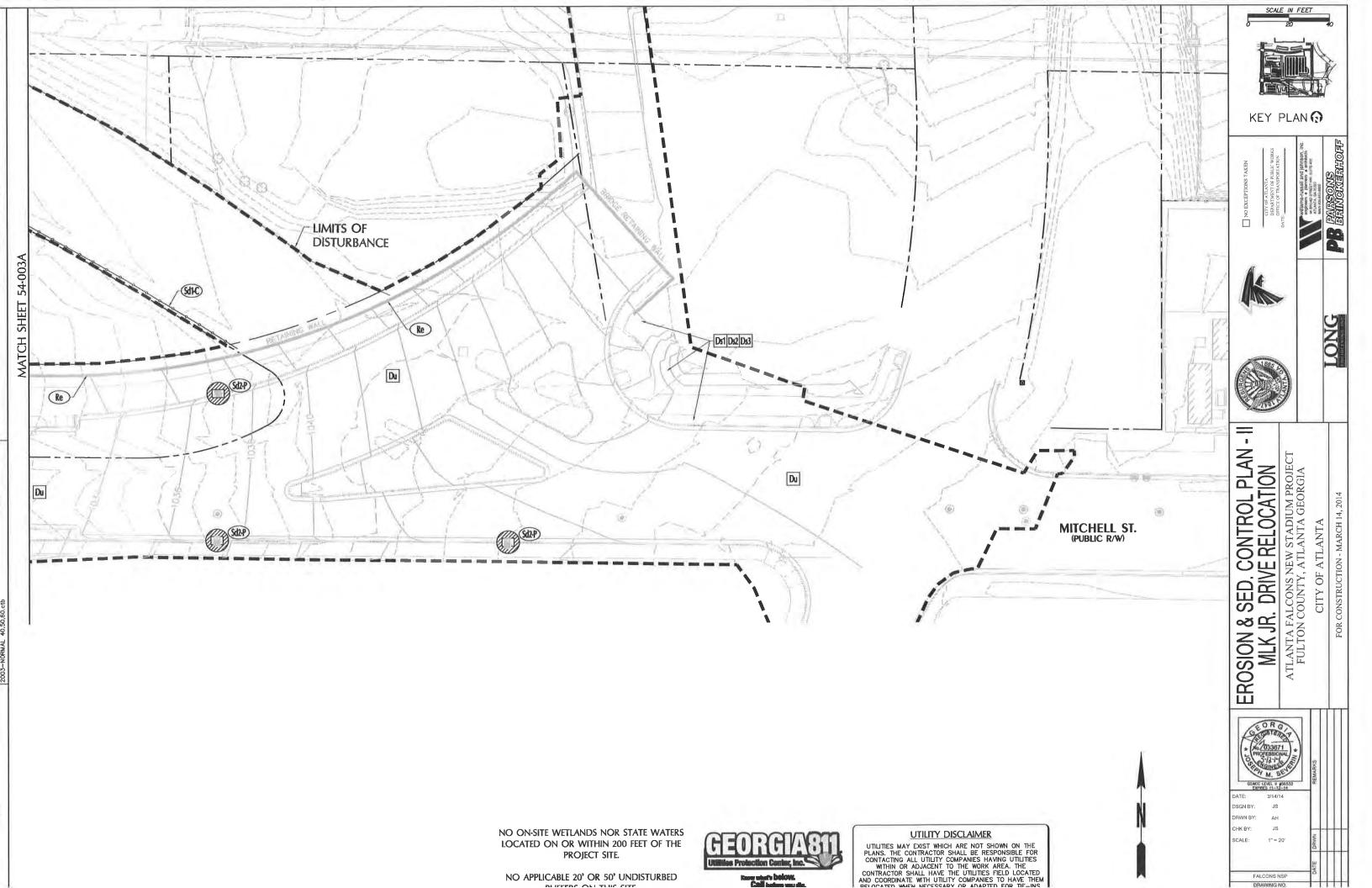
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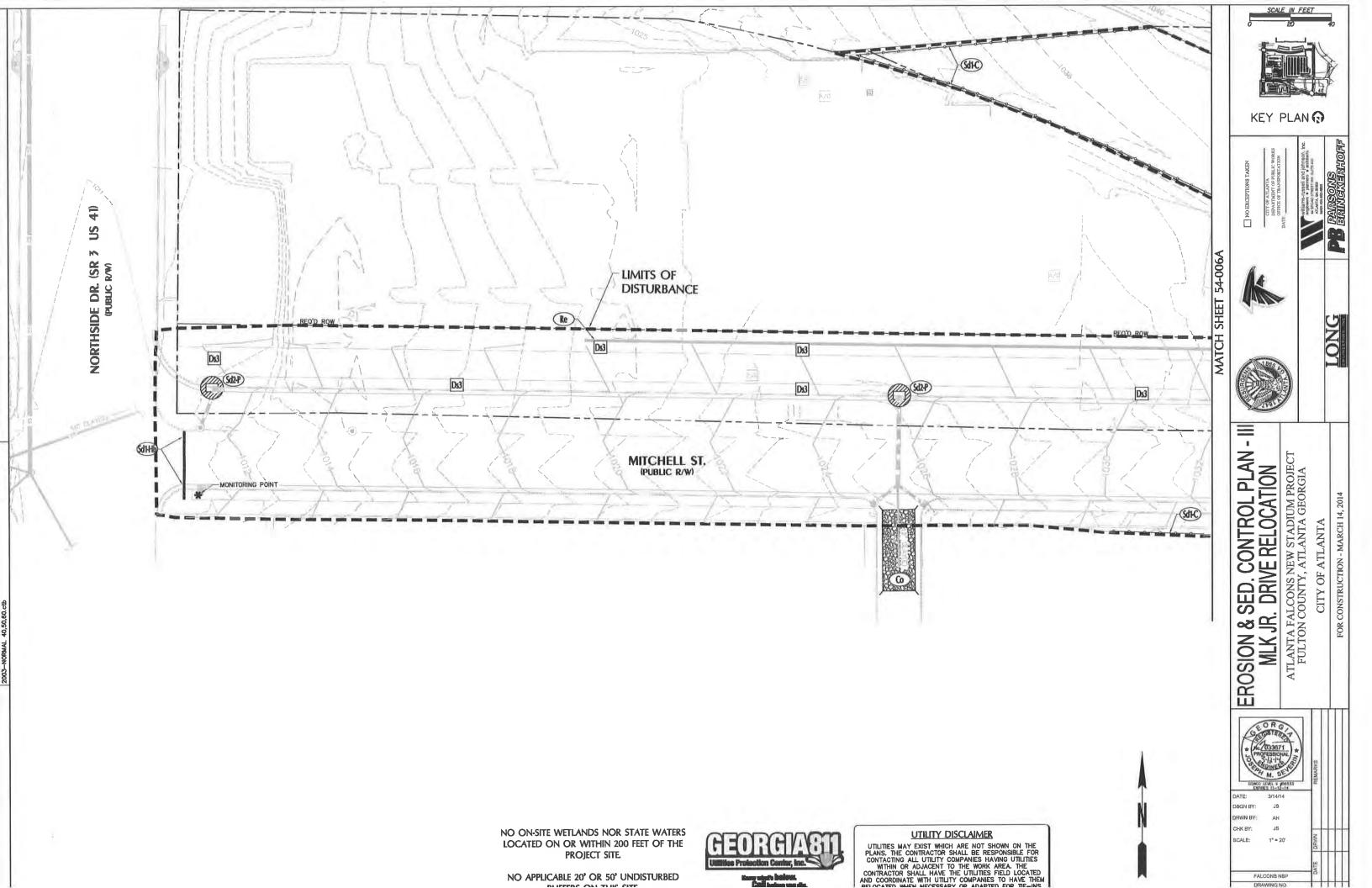
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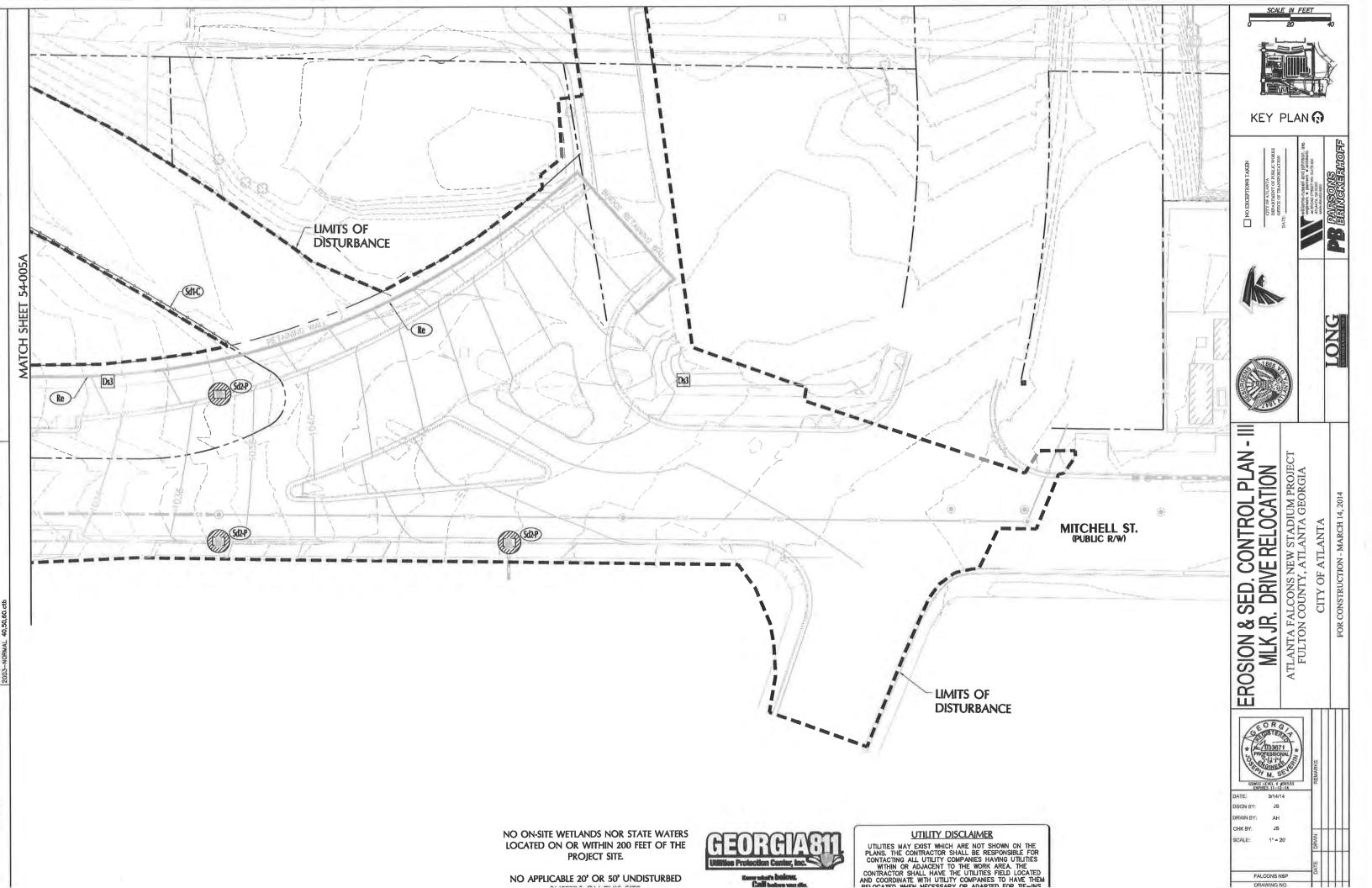


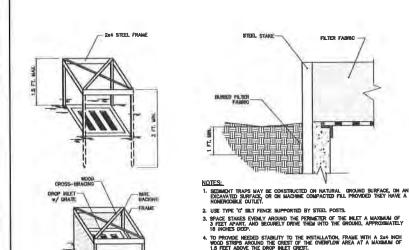












MANIFIANCE REQUIREMENTS:

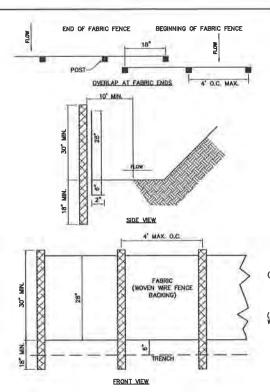
THE TRAP SALL BE RESPORTED DALLY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.

THE TRAP SALL BE REMOVED WHICH THE SEDMENT HAS ACCUMULATED TO ONE—HAJE THE HIGHT OF THE TRAP, SEDMENT SHALL BE REMOVED WHICH RESPONDE THE REMOVED WHICH RESPONDE THE REMOVED WHICH REMOVED WHICH REMOVED WHICH REMOVED WHICH REMOVED WHICH REMOVED WHICH REMOVED AND THE PROTECTION SHALL BE SEDMENT SHALL BE REMOVED FROM THE SEDMENT TRAP AND DESPONDED FOR AND STABILIZATION (WITH SOCIORIO).

SO THAT IT WILL NOT BE WHITE ADMINISTRATION TO SHALL BE REMOVED FROM THE SEDMENT TRAP AND DESPONDED OF AND STABILIZED SO THAT IT WILL NOT BE WHITE WHILE, ADMINISTRATION SHALL BE REMOVED, ALL MATERIALS AND ANY SEDMENT SHALL BE REMOVED, AND THE SALL BE REMOVED, AND THE SHALL BE REMOVED, AND THE SALL BE REMOVED.

AND THE SAL WAGED OF DESPONDED OF PROTECTLY THE DISTURBED AND SHALL BE SPOUGHT TO PROPER GRADE, THEN SALOUTED AND COMPANIES.

Sd2F INLET SEDIMENT TRAP FILTER FABRIC W/ SUPPORTING FRAME N.T.S.



NOTES: USE ONLY 36" FABRIC ON GEORGIA D.O.T. QUALIFIED PRODUCTS LIST #38 USE STEEL POSTS ONLY, 1.3 Iba/FT MIN., U, T, OR C SHAPED POST SECTION, 5' LENGTH MINIMUM. ADD REBAR CAPS TO ALL POSTS.

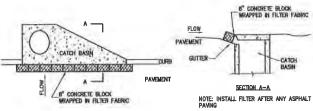
ALONG STREAMS AND OTHER SENSITIVE AREAS, TWO ROWS OF TYPE C SILT FENCE OR ONE ROW OF TYPE C SILT FENCE BACKED WITH HAYBALES SHALL BE USED.

ATTACH FABRIC TO POSTS USING WIRE TIES. ALSO, ATTACH FABRIC TO WIRE BACKING MIDWAY BETWEEN POSTS AT THE TOP AND BOTTOM.

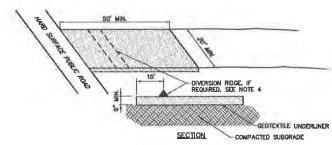
<u>C</u>
WARP-280 FILL-180
40
#30
70
80
175
36

MAINTENANCE REQUIREMENTS:
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE—THIRD THE ORIGINAL HEIGHT OF THE BARRIER.
FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS
OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE
UNTIL DISTURBED AREAS HAVE BEEN PERMAINENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL
BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.

SILT FENCE - TYPE C



CURB INLET PROTECTION "PIGS IN BLANKET" N.T.S.



- 1. NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5") COARSE AGGREGATE
 2. AT A MINIMUM, THE WIDTH SHOULD EQUAL FULL WIDTH OF ALL POINTS OF VEHICULAR EGRESS, BUT NOT LESS
 THAN 20 FEET WIDE. THE GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES.
- IMAN ZU FEET WIDE. THE GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES.

 3. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD, THE TIRES SHOULD BE WASHED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS—OF—WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH PROVISIONS THAT INTERCEPT THE SEDIMENT—LADEN RUNOFF AND DIRECT IT INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- A. ON SITES WHERE THE GRADE TOWARD THE PAVED AREA IS GREATER THAN 2%, A DIVERSION RIDGE 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES SHALL BE CONSTRUCTED ACROSS THE FOUNDATION APPROXIMATELY 15 FEET ABOVE THE ROAD.
- FIG. 1 ADVICT THE RIVAL.

 THE GEOTEXTILE UNDERLINER MUST BE PLACED THE FULL LENGTH AND WIDTH OF THE ENTRANCE. GEOTEXTILE SELECTION SHALL BE BASED ON AASHTO M288-98 SPECIFICATION:
 FOR SUBGRADES WITH A COR GREATER THAN OR EQUAL TO 3 OR SHEER STRENGTH GREATER THAN 90 PORTION OF THE PROPERTY OF SECTION ASSISTANCE OF SECTION 7.3, SEPARATION REQUIREMENTS.

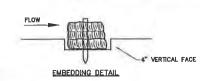
 REQUIREMENTS.
 GEOTEXTILE MUST MEET REQUIREMENTS OF SECTION AASHTO M288-98 SECTION 7.4, STABILIZATION REQUIREMENTS.
- 7. IT IS RECOMMENDED THAT THE ENTRANCE AREA BE EXCAVATED TO A DEPTH OF 3 INCHES AND BE CLEARED OF ALL VEGETATION AND ROOTS.

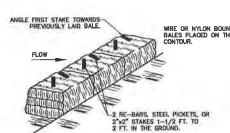
MAINTENANCE REQUIREMENTS:
THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO
PUBLIC RIGHTS—OF—WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.6—3.5 INCH STONE, AS
CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT, ALL
MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO
STORM DRAINS MUST BE REMOYED IMMEDIATELY.

CONCEDITION FUIT

GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION	CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
(b)	CHECKDAM	AND	J	A small temporary barrier or dom constructed across a swale, drainage ditch or area of concentrated flow.	Sd2	SEDMENT TRAP, TEMPORARY			An impounding area created by succepting around a sterm drain high. The excepted area will be fitted and stabilized an completion of construction activities.
Ch	CHANNEL STABILIZATION		7	improving, constructing or stabilizing on open channel, existing stream, or ditch.	Sd3	SEDMENT BASIN, TEMPORARY	0		A famile crucing by suspection or a deep surrous is unitaryon. The nurther water county is a temporary soundy alread abacting the bash of the submined to thou and. The besin is usually temporary latinary be the great on a permanent point or streaments relegated to decide
(i)	CONSTRUCTION EXIT	5		A crusted alone god located at the construction exit to provide a place for remaining must been then the themps protecting public attests.	(Sr	TEMPORARY STREAM CROSSING		(Inhal)	A temporary bridge or calvert—type structure protecting a stream or watercounts from damage by crossing construction symptoment.
Cr	CONSTRUCTION ROAD STABILIZATION	A CONTRACTOR OF THE PARTY OF TH	©.74	A freelway constructed on part of a construction plan including docume rouds, sub- division rouds, parking creas and other on-alts which transportation routes.	St	STORMORAIN INLET/OUTLET PROTECTION		(m)	A paved or short section of riprop channel at the autiet of a larm drain system preventing sreaton from the concentrated month.
Dc	STREAM DIVERSION CHANNEL		(e)	A temporary channel con- structed to construction site crosed a construction site while a permanent studium is being constructed.	Su	SURFACE ROUGHING		H ® H	A rough sail surface with footzental depressions on a contour or alopes left in a roughened condition after grading
Di	DIVERSION	学		An earth channel or dise incoted obuye, below in caroos a steps to disert runoff. This may be a tamparary or permanent structure.	Tp	TOPSOILING		H ₀ O	The proctice of biopoing off the more faitle soil, storing it, then spreading it was the disturbed area offer completion of
Dn1	TEMPORARY DOWNDRAIN STRUCTURE	1	(label)	A flexible conduit of neavy- duty fabrit or other mu- teriol designed to estely conduct serface runoff down a slope. Temporary, and Inespeciallys.	Wt		20	==	Poved or vegetative water vallets for diversions, terraces, berms, dikes, or similar structures
Dn2	PERMANENT DOWNDRAIN STRUCTURE		(luber)	A poveil chute, anctional conduit, pipe or similar material designed to designed to sufely conduct surface runoff down a wipe	VEGETATIVE MEASURES				
Fr	FILTER RING	&	~ ,®	A temporary atone barrier constructed at storm drain inlets and pond outlets COA bites	Bf	BUFFER ZONE		H	An underlighted solved press is approximately the inside distinction of the formation of the server in the server
Ga	GABION		All I	Rock filter baskets which are hand-placed into position forming soil stabilizing structures.	Cs	COASTAL DUME STABILIZATION	Municipal	Ce	Planting vegetation on dunes the are denuded, artificially constructed, or re-nourished.
Gr	GRADE STABILIZATION STRUCTURE		(inhel)	Permanent abuntures installed to probed regard or entircies observed the substance of the view lies stope would be sufficient, for the number of the parties of the number of the parties of the number of the numbe	Ds1	DISTURBED AREA STABILIZATION (w/MULCHING ONLY)		Dei	Establishing temporary protection for disturbed areas where seeding may not have a suitable growing seesan to produce an ercelan referration cover.
(LV)	LEVEL SPREADER		+	A structure to correct con- centrated flow of estare into less eroeive sheet flow. This should be constructed only on undisturbed soils	Ds2	DISTURBED AREA STABILIZATION (W/TEMPORARY SEEDING)		De2	Establishing a temporary vegetative cover with feet growing sendings on disturbed arrows.
Rd	ROCK FILTER DAM	-	1	A permonent or temporary stone filter dam installed recrews small streams or tiralnageways.	Ds3	DISTURBED AREA STABILIZATION (W/PERMANENT SEEDING)	4	De3	Establishing permanent vagetative cover such as trees, shrubs, vives, sod, grasses or legames on disturbed areas.
Re	RETAINING WALL		(lobel)	A wall installed to stabilize out and fill elopes where maximum permissible slopes are not obtainable. Each situation will require special design	Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)		De4	A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Rt	RETROFITTING		®_ p	A device or structure placed in front of a permanent atternivate detention pond untilet structure to serve on a temporary sediment filter.	Du	DUST CONTROL ON DISTURBED AREAS	G	Du	Controlling surface and air movement of dust an construction site, roadways and similar sites.
Sd1	SEDIMENT BARRIER	2	lype Indicate type	A barrier to occurred pollument from traving the construction and it may be constructed, turned of stress or hosy ground or assistant factor the barriers are usually temperately deal in-	Mb	ERUSION CONTROL MATTING AND BLANKETS	圍	W	The inercisation of a protective savering (blanket) or and midblizellan mot an a prepared planting area of a steep slape, channel or shareline.
				v-4-1/100 100	Pm	POLYACRYLAMIDE (PAM)		Pm	The land application of product containing unionic polyacrylamida (PAM) as temporary soil binding agents to reduce soil eroston.
					Sb	STREAMBANK STABILIZATION (WITH PERMANENT VEGETATION)		Sb	The use of readily available native plant molariols to maintain and anhance streambanks, or to prevent, or restore and repair as atnombank erosion problems.
					ТЬ	TACKFIERS AND	G9	ть	Substance used to enchor strow or hay mulch by counting the organic material to bind





ANCHORING DETAIL

- ANCHOR AND EMBED INTO SOIL TO PREVENT WASHOUT OR WATER WORKING UNDER BARRIER.
- 2. REPAIR OR REPLACEMENT MUST BE MADE PROMPTLY AS NEEDED.
- 3, STRAW AND HAYBALES SHALL NOT BE USED IF THE PROJECT DURATION IS EXPECTED TO EXCEED THREE MONTHS.

MAINTENANCE REQUIREMENTS:
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF
THE BARRIER TEMPORARY SCIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS
HAVE BEEN FERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE
REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED. REPLACE HAYBALES AS
THEY DETERIORATE.



KEY PLAN

 $\tilde{\Box}$









SED. CONTROL DETAIL. DRIVE RELOCATION

ATLANTA FALCONS NEW STADIUM PROJE FULTON COUNTY, ATLANTA GEORGIA

∞<u>ç</u>



EROSION

WN RY HK BY: CALE:

FALCONS NSP

		S. WHERE SEEDINGS MAY NOT HAVE A SUITABLE WHICH CAN BE STABILIZED WITH A MULCH COVER.
MATERIALS	RATE	APPLICATION
DRY STRAW OR HAY	2"-4" DEEP	APPLY UNIFORMLY BY HAND OR BY MECHAN EQUIPMENT. ANCHOR HAY DISK HARROW O PACKER DISK OR WITH EMULSHED ASPHAL (GRADE AE-5 OR SS-1)AT A RATE OF 100 PER 100 GAL OF WATER FOR EACH TON (MULCH
WOOD WASTE, CHIPS, SAWDUST OR BARK	2" TO 3" THICK	ANCHOR WITH NETTING OF THE APPROPRIATE OPENINGS IN THE NETTING SHALL NOT BE LAFTHAN THE AVERAGE SIZE OF THE WOOD WAS CHIPS
EROSION CONTROL MATTING OR NETTING	APPLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS	APPLY IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS
CUTBACK ASPHALT (SLOW CURING)	1200 GALLONS PER ACRE, OR & GALLON PER SQUARE YARD	APPLY UNIFORMLY
POLYETHYLENE FILM	SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL	ANCHOR TRENCH AT THE TOP OF SLOPE AS W AS INCREMENTALLY AS NECESSARY

MAINTENANCE REQUIREMENTS:
INSPECT ALL MULCHED AREAS ON A DAILY BASIS AND AFTER EACH RAINFALL EVENT, REGRADE ERODED AREAS AND REMULCH AREAS IN WHICH THE COVER IS NO LONGER GREATER THAN 80% CONTINUOUS.

Ds1 TEMPORARY MULCHING REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS.

SPECIES BAHIA, PENSACOLA	BROADCAST RATES 1/ - PLS 2/ PER ACRE PER 1000 1.F.	RESOURCE AREA V	PLANTING DATES	REMARKS	SPECIES	BROADCAST MATE 1/ - PLS 2/ PSR AGE 1/ - PLS 2/	RESOURCE	PLANTING DATES	REMARKS
(Pospolum notolum) ALONE OR W/ TEMPORARY COVER ATH OTHER PERENNIALS	807 LBS. 1.4 LBS. 30 LBS. 0.7 LBS	r.		THE COO SETS FOR PEANS, LOW TO OTHER SECONDS SEE THE PLANT SET A COMPANION CHOP, MEL SPREAD INTO BERMUDA PARTIES AND LAWS AND MET PARTIES AND LAWS ON MET PINCE SET AND LAWS A	LESPEDEZA, SERICEA (Lespedero cunsolo) SCARIFIED	60 LBS. 1,4 LBS.	M-L P	2 F MA W 2 JASIGNO	ASSADOR SER PER PERIND. WEST, Y AGAPTED. LOW MARKERANICE, MEY MY ACTURED LOWERIASS, COMMON MEMBER BAHEA, ON TALL FEROM. TANCE Y TO TRAPS TO RECOME TRAIN Y STRAINSEL CHORLEST ON POARBAMES, WISCOME CHORLEST ON POARBAMES, WISCOME
BAHIA, WILMINGTON (Peepolum notetum) ALONE OR W/ TEMPORARY COVER ITH OTHER PERENNIALS	60 LBS. 14 LBS.	M-L	17 HANA JANA K	INSTRUCTION OF THE PROPERTY OF	UNSCARFIED	75 LBS. 17 LBS.	N+L P G		ENGILERY ON ROADSHARE WOCKERS SEED W/ SE WOCKERS WO MAI TALL FISCUS ON WHITE AMVACE
GERMUDA, COMMON (Cynodon destylon) HULLED SEED ALONE	10 LBS 0.2 LBS. 6 LBS 0.1 LBS			1,767,000 SEED PER POUND. GARCE COURT LOW ORCHING AND SOO FORMING FULL SUR. GOOD FOR ASSISTED	SEED-BEARING HAY	3 TONS 136 LBS.	M-L P C	7	CLIF WHEN SEED IS MATURE DUT SEPOND IT SENTISHS ADD TAKE FESCH ON WHITE ANNIALS.
BERMUDA, COMMON (Cynodon declylon) UNHULLED SEED W/ TEMP COVER	10 LBS. 0.2 LBS.	P C	JF WA # 2 JA SO # D	PLANT WITH WAITER AMNUALS, PLANT WITH TALL PERCUE	(Laspedeze blooker) (Laspedeze blooker) (Laspedeze thumbergii) PLANTS	3, # 3,	M-L W	JEWAY 4 4 ASSESSED	PROVIDE WARLE FEGO AND DOVEN
BERMUDA SPRKS (Cyriodon distlylon) COASTAL, COMMON, MOLAND, OR TIFT 44	8 LBS. 0.1 LBS	4-1	4 4 6 A 6 2 3 A 2 G 8 B	A CUBIC FOOT CONTAINS APPROXIMATELY BOD SPRACE A MUZGAL CONTAINS 1 As	LOVEGRASS, WEEPING (Erogrowth curvula) ALONE W/ OTHER PERENNIALS	4 LBS. 01 LBS. 2 LBS. 0.05 LBS.	M-L P C		I,500,000 SEED PER POUND. QUICK COVER. DNOUGHT TOLERANT. GROWS WELL WITH SERICEA LESPEDEZA ON ROADBANKS
DASTAL, COMMON, OR TIFT 44	SOD PLUGS 3' # 3'	r c	ST NAM 4 CASONO	SOME PET OF APPRICAMENTLY ESS SAME AS ABOVE.	MAIDENCARE (Panlaum hemiloman) WITH OTHER PERENNIALS	2' 11 3' SPACING	ALL,		FOR MAY MET STEE MAY DUSC CHANNELS DIS STROSS FROM LOCAL SCORICES, USE ALONG STATE OWNERS AND SHOPELINES
CENTREDE (Eremouhlos ophluroides)	BLOCK SOD ONLY	*		DIDUCT TOLENAY, FAL SLE OF PARTIN, SHADE, SYSTEMINE ADJACENT O COME, AND IN CONCENTRATION FLOW AREAS, INVANCATION IN MIXED WITH FULLY ENTAILINEED, JO NOT PLANT CARP PARTINESS, SHIERMARDY AS YAN	PANICORASS, ATLANTIC COASTAL (Ponisum emorum ver. emerulum)	20 LBS. 0.5 LBS.	e c		HUMS WELL ON CONTRAL WAND DANIES BORNOW AREAS, AND GRANGE PAS ROUDES WHITER COVER FOR WEIGHT WHITE SPRICE LESSTERS DIESPT ON SAID STANE
CROWNVETECH (Caranillo vario) WITH WINTER ANTHUALS OR COOL. SEASON GRASSES	15 LBS 0.3 LBS.	₩~L p	JAN A S JA S G R D	HOSTE AS ATHERS AND ATLANTA. 100,000 SEED FER POUND TENES, NOWTH, ATTRACTIVE ROLE, PUR. AND 101 SECOND SEED THE PUR. AND 101 SECOND SEED SEED TO LATE FAIL. 101 SECOND SEED SEED SEED SEED SEED SEED SEED SE	REED CANARY GRASS (Pholorie crundinancea) ALONE WITH OTHER PERENNIALS	60 LBS. 111 LBS. 30 LBS 0.7 LBS.	M-L F	=	GROWS SMILAR TO TALL PESCUE.
FESCUE, TALL			A FIMAMULA SONO "	AND PIORTHEARD	SUNFLOWER, 'AZTEC'	7	M-L		

SOLID LINES INDICATE OPTIMUM DATES, DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

// REDUCE SECOND NATED BY SOX WHEN DIRELED.

2/ PLS IS AN ADDRESSABLE FOR PURE UNE SECO REFER TO SECTION V.E. OF THESE SPECIFICATIONS.

3/ MLS BY MANUFACTURE THE MOUNTAINS, BLIZE PROOF, AND RIDGES AND VALLEYS MERK'S

4-1. REPRESENTED THE PROMOTE MAN.

6. REPRESENTS THE SOUTHERN CHARTAL HAMM, SAND HILLS; BLCK LANDS; AND ATLANTIC COAST FLATWOODS MERAN

6. REPRESENTS THE SOUTHERN CHARTAL HAMM, SAND HILLS; BLCK LANDS; AND ATLANTIC COAST FLATWOODS MERAN

7. REPRESENTED THE SOUTHERN CHARTAL HAMM. SAND HILLS; BLCK LANDS; AND ATLANTIC COAST FLATWOODS MERAN

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NOTES:

PERMANENT GRASSING SHALL BE APPLIED TO GRADED AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 8 MONTHS.

2. APPLY TO ALL AREAS IMMEDIATELY AFTER THEY HAVE REACHED FINAL GRADE.

4. RYE GRASS SHALL NOT BE USED IN ANY SEEDING MIXTURE CONTAINING PERENNIAL SPECIES DUE TO ITS ABILITY TO OUT-COMPETE DESIRED SPECIES CHOSEN FOR PERMANENT PERENNIAL COVER,

5. FOR HYDRAULIC SEEDING, MIX SEED, FERTILIZER AND WOOD CELLULOSE OR WOOD PULP FIBER WITH WATER AND APPLY IN SLURRY UNIFORMLY OVER THE TREATED AREA. APPLY WITHIN 1 HOUR OF MIXING, MULCH IS TO BE APPLIED AT A RATE OF 400 LBS. PER ACRE.

E. FOR CONVENTIONAL SEEDING USE A CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OTHER MECHANICAL SEEDER OR HAND SEED UNIFORMLY OVER THE TREATED AREA. LIGHTLY COVER THE SEED WITH IF TO IF OF THE SEED WILLCHING WITHIN 24 HOURS OF SPREADING SEED, MULCH SHALL GOVER 75% OF THE SOIL SURFACE.

SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATI
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 lbs./ac, 1000 lbs./ac, 400 lbs./ac	50-100 lbs /ac 1/ 2/ 30
COOL SEASON GRASSES AND LEGUMES		6-12-12 0-10-10 0-10-10	1500 lbs /ac 1000 lbs /ac 400 lbs /ac	0-50 lbs /ac. 1/
GROUND COVERS		10-10-10 10-10-10 10-10-10	1300 lbs /ac, 3/ 1300 lbs./ac 3/ 1100 lbs./ac,	
PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	2-90
SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10 0-10-10	700 lbs/ac 700 lbs/ac, 4/	5+6
TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10~10-10	500 lbs /ac.	30 lba /qc, 5/
WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 lbs./ac. 800 lbs./ac. 400 lbs./ac.	50-100 lbs./ac, 2/ 6/ 50-100 lbs./ac 2/ 30 lbs./ac.
WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 lbs./ac. 1000 lbs /ac 400 lbs /ac,	50 lbs./ac. 6/

SOCOOL SEED HER FOUND, HIGHER OF GOODWING HER DE 24 MIGHES GOOWNING HER DE 24 MIGHES GOOWNING HIGHER CONTROL THE CONTROL AND COUNTY HAS BROKET COMPANION HER AND HER CONTROL COMMING HER AND HER COUNTY HE COUNTY HER COUNTY HE COUNTY HER COUNTY HE COUNTY HER COUNTY HER COUNTY HER COUNTY HER COUNTY HER COUNTY H

Apply in spring following seeding.
Apply in spill applications when high rates are used.
Apply in 3 spill applications.
Apply when plants are pruned.
Apply to grass species only.
Apply when plants grow to a height of 2 to 4 inches.

1 4 LBS.

17 LBS.

75 LBS.

ALONE W/ OTHER PERENNIAL

MAINTENANCE REQUIREMENTS:

PROVIDE PERIODIC INSPECTIONS AND AFTER EACH RAINFALL EVENT AND REGRASS AREAS THAT ARE BARE OR HAVE ERODED, EXCLUDE TRAFFIC ON GRASSED AREAS UNTIL GRASS IS ESTABLISHED. MOW AS REQUIRED.

PERMANENT GRASSING REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS.

SPECIES	BROADCAST		RESOURCE	PL/	NTING DATES	DEL LIBER
	PER ACRE	7 - PLS 3/ PER 1000 S.F	AREA 4/		JJABBND	
BARLEY (Hordeum vulgure) ALONE IN MIXTURES	144 LBS 24 LBS.	3.3 LBS 0.6 LBS	M∸L P C	I F M A M	1 1 A S O N O	14,000 SEED PER POUND WINTERHARDY, USE ON PRODUCTIVE SOILS.
LESPEDEZA, ANNUAL (Lespedeza etrioto) ALONE IN MIXTURES	40 LBS, 10 LBS	0.9 LBS 0.2 LBS.	M-L P C		11 A S O N O	200,000 SEED PER POUND MAY VOLUNTEER FOR SEVERAL YEARS USE INOCULANT EL
LOVEGRASS, WEEPING (Eragroette curvula) ALONE IN MIXTURES	4 LBS	0.1 LBS. 0.05 LBS	M-L P C		44430140	1,500,000 SEED PER POUND MA LAST FOR SEVERAL YEARS MAX WITH SERICEA LESPEDEZA
MILLET, BROWNTOP (Ponicum fameloulalum) ALONE IN MIXTURES	40 LBS, 10 LBS	0 8 LBS 0.2 LBS	M-L P C	. F.W.A.W	J J A B O N D	137,000 SEED PER POUND QUICK BENSE COVER, WILL PROVIDE TOO NUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATES.
MILLET, PEARL (Pennasetum gloucum) ALONE	50 LBS,	1.1 LBS.	M-L P C		J J A 5 Q N D	88,000 SEED PER POUND. QUICK DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
OATS (Avena sativa) ALDNE IN MIXTURES	128 LBS 32 LBS.	2.9 LBS. 0 7 LBS	M-L P C	3 5 M A W	JJASOND	13,000 SEED PER POUND, USE ON PRODUCTIVE SOILS NOT AS WINTERHARDY AS RYE OR BARLEY.
RYE (Secale cereale) ALONE IN MIXTURES	168 LBS 28 LBS	3.9 LBS 0.8 LBS	M-L P C	1 5 3 4 4 4		18,000 SEED PER POUND QUICK COVER DROUGHT TOLERANT AND WINTERHARDY
RYEGRASS, ANNUAL (Lollum temulentum) ALONE	40 LBS.	0.9 LBS	M-L P C			227,000 SEED PER POUND DENSE COVER, VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.
SUDANGRASS (Sorghum mudanese) ALONE	60 LBS.	1 4 LBS.	M-L P C			55,000 SEED PER POUND, COOD ON DROUGHTY SITES. NOT RECOMMENDED FOR MIXTURES
TRITICALE (X-Triticoseccie) ALONE IN MIXTURES	144 LBS. 24 LBS.	3.3 LBS 0.6 LBS	c		0 4 0 2 4 1	USE ON LOWER PART OF SOUTHERN COASTAL PLAIN AND IN ATLANTIC COASTAL FLATWOODS ONLY.
WHEAT (Triticum deetivum) ALONE IN MIXTURES	180 LBS 30 LBS	4.1 LBS. 0.7 LBS.	M-L P C			15,000 SEED PER POUND. WINTERHARDY.

1/ TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CHOWN OUT PERENNIALS IF SEEDED TOO HEAVILY.
2/ REDUCE SEEDING RATES BY SOX WHEN DRILLED.
3/ PLS IS AM ABBREWANDON FOR PURE LYUE SEED.
4/ M-L REPRESENTS THE WOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
P. REPRESENTS THE SOUTHERN PEDIANNITM RAL
C REPRESENTS THE SOUTHERN PEDIANNITM RAL
C REPRESENTS THE SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK LANDS; AND ATLANTIC COAST FLATWOODS MLRAS

Du

TEMPORARY GRASSING REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND SPECIFICATIONS.

DUST CONTROL ON

DISTURBED AREAS

DEFINITION

Controlling surface and air movement of dust

PURPOSE

Prevent the movement of dust from

INSTALLATION

Apply according to approved plan, if

according to manufacturer's recommendations,

permanent vegetation.

gravel.

Mulch disturbed areas and tackify with

resins such as asphalt, Curasol or Terratack

Stabilize disturbed areas with temporary or

Irrigate disturbed areas until surface is wet.

Cover surfaces with crushed stone or

Prevent the movement of airborne

substances that may be harmful to health.

exposed soil surfaces.

on land-disturbing activities.

Du

2. IF DISTURBED AREAS ARE TO BE LEFT UNDISTURBED FOR LESS THAN 6 MONTHS USE TEMPORARY GRASSING, OTHERWISE USE PERMANENT GRASSING.

3. SOIL TO RECEIVE GRASSING IS TO BE SCARIFIED TO PROVIDE A PLACE FOR THE SEED TO LODGE AND GERMINATE.

APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE.

5. FOR LOW FERTILITY SOILS, APPLY 500—700 LBS. OF 10—10—10 FERTILIZER PER ACRE APPLY BEFORE LAND PREPARATION AND INCORPORATE WITH A DISK, RIPPER OR CHISEL

6. APPLY SEED BY HAND, CYCLONE SEEDER, DRILL CULTIPACKER-SEEDER OR HYDRAULIC SEEDER, RAKE SOIL LIGHTLY TO COVER SEED WHEN APPLIED BY HAND.

7. PROVIDE WATER AS REQUIRED TO GERMINATE AND MAINTAIN A HEALTHY, THICK COVER OF GRASS.

MAINTENANCE REQUIREMENTS:

INSPECT ALL AREAS WHERE
TEMPORARY GRASSING HAS BEEN
APPLIED. WHERE COVER IS SPARSE,
SCARIFY THE AREA, TEST SOIL
FERTILITY, APPLY FERTILIZER AS
NECESSARY AND RESSED, WHERE
EROSION HAS OCCURRED, REGRADE
PRIOR TO ABOVE STEPS.

 Apply calcium chloride at a rate to keep surfaces moist.

 Apply spray-on adhesives to mineral soils (not muck soils) as described in Table 1.

Spray-On Adhesive Application Requirements Water Nozzle Application Adhesive Dilution Type (Gal/Acre) Coarse 7:1= asphalt 1,200 Latex Fine 12.5:13 235 emulsion Resin-inspray Fine 4:1* water 300 spray

emulsion spray spray *Use manufacturer's recommendations when available.

MAINTENANCE

- · Prohibit traffic on surface after spraying.
- Supplement surface covering as needed.

REFERENCES

- Ds1 Disturbed Area Stabilization
- (With mulching only)
- Ds2 Disturbed Area Stabilization (With temporary seeding)
- Ds3 Disturbed Area Stabilization (With permanent seeding)
- Ds4 Disturbed Area Stabilization (With sodding)
- Tb Tackifiers and Binders

KEY PLAN 🕥



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NEW STADIUM PROJECT , ATLANTA GEORGIA CONTROL DETA

CITY OF ATLANTA

EROSION



ATE: 3/14/14 SGN BY: JS NTS

FALCONS NSP

RWN BY HK BY: SCALE:

Mb

EROSION CONTROL MATTING AND BLANKETS

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS AND

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST INFRASTRUCTURE CONSTRUCTION PROJECTS sc1 - Roadway Refocation Address: Mangum Street NW Date on Plans: November 15, 2013 TO BE SHOWN ON ES&PC PLAN Scable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 or in which the land-distinction activity was permitted. a the and the analysis and the properties of the e. real grd Level II number must be on each about perfaining to ESAPC plan or the and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls me, address and phone number of primary permittee. nd disturbed acreage of the project or phase under construction 144 dict and datikt numbers trisco location. Describe critical preas and any additional measures that will be The new answer and the second of the second proposed confour times with contour lines drawn at an interval in accordance with the following: sling Consurs: USGS 1"2007 Topographical Sheets oxed Contours: 1" : 400' Contriding Profile and example of contributing drainage basins on the project site on the wedness and all state waters located on and within 200 feet of the project site. of the applicable 25-fool or \$0 foot undisturbed bothers adjacent to state waters and any additional buffers.

The local leging Authority Clearly note and definished all areas of impact. mpling localitying, pergeral and intermitterit straums and other water bodies into which storm water is spe and was relocatives with appropriate qualiter protection to accommodate discharges without prosion. Mita all taxm water discharge points the project site and their delineation. ect receiving waters and describe all adjacent areas including streams, lases, residential areas. gets recining waters and executive all employers mean mattering amounts, many transcriptions of the first many braillection of activity which discharges from water into an impaired Stream Segment, or within 1 linear mile upotecam; the arma welenshed an, any portion of air Blota Impaired Stream Segment must comply with Part III C, of the life Correlated Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge it Stream Segment. Bire congener Appendix 1 seung all the BMrs that will be used for inconcess of the sate which discharge the sate of the sate which discharge the impaired Stream Segment (identified in item 18 six months prior to submitte of NOT, the ESAPC Plan number address any site-specific conditions of choice in the TMDL Implicitability Plan.* a drawage and off-ratia valorateds using USGS 1*: 2000 topographical allests. (Plan and the dates of any revision)s made to the Plan including the entity who requested the revisions. intrance for each phase of construction. en et 67 cubic yards of tedenent storage per acre drained uning a temperary sediment busin, who et clack years of sediment storage per ace drained using a temporary sediment basin, on pool poder excavated het sediment traps for each common drainage location. Sediment storage in place prior to and chaing at land disturbance advisites until rain stabilization of the sits has been an raineale explaining the decision to use equivalent controls, when a sediment basin is not attainable in the plan for each common drainage tocation in which a sediment basin is not provided. Worksheets had be included for structure ISMPs and as calculations used by the design professional to obtain the labeling when using equivalent controls: -BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs seign Probasional (unless disapproved by EPD or the Georgis Soil and Water Conservation and rater to the Attenuate SMP Crist areas Document Georgis www.gater.com Practices to minimize off-site vehicle tracking of sediments and the garantition of dust. washdown of tools, coccurs mixor chutes, happens and the rear of the vehicles. Washout of the dawn #66 is prohibited.* termediation of all pelicleum spills and leaks." -nsgament Practices that are consistent with and no less stringent than the Manual for Eroskon and Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend ture of construction activity. opriate controls and measures that will be implemented at the construction site including. (1) minut ments and perinalter costrol BMPs, (2) intermediate grading and dreisuge BMPs, and (3) final | Storial | To treative of the internet sequence of major activities which disturb sols for the major portions of treative and sedimined storage BMPs, cleaning and grubbing activities, exceeding activities, extending act tions that will be used to reduce the pollutarity in storm water discharges." sures trial will be installed during the construction process to control polisharts in storm water that such persisons have been completed.*

Such continues the design of the ESAPC. S1000A

This of the permit.

S1000A

This of the permit and signature that the permittee's ESBPC Plas provides for all oppropriete spillors and sampling to meet permit requirements as stated on page 14 of the permit.

The signature of the permittee or the duty sufficience representative as stated in section V.G.2.d. of 51-00ta) y discontraction of peak discharge flow of the site prior to and after construction selivities are N/A N/A pt actities shall not be conducted within the 25 or 56-bot undsturbed sharm buffers as [51-00]A] Y of weeled vegetation wifeout first acquaining the necessary variances and permits.

The professional who prepared the ESSPC Plan is to inspect the installation of the initial sediment. bi-oxia Y Definestr control BMPs within 7 clays after installation Minesons to the ESSPC Plan which have a significant effect on BMPs with a hydraulic 51 000A y and by the design professional.

State that not be decharged to waters of the State, except as authorized by a Section 404 OSI STAGEA Y SAFC Plac is in compliance with waste disposal, switting sever, or septic task regulations during pent of inspections and record keeping by the primary permittee. 黑 'anti if sampling bequirey and reporting of sampling results." relation of records as per Part (V.F. of the permit." A lipog to be rised to corect such autrity to the sambles from each location. 51-907A Y fall sanyling points where applicable so letters. *The escape of sectiment from the site shall be prevented by the diment control measures and practices prior to, or concurrent with, fand 54-501A Y shi or temporary seeding."

Shi or temporary seeding." 59-603A Y 5^{-90/mmt} Control in Georgia

KEY P



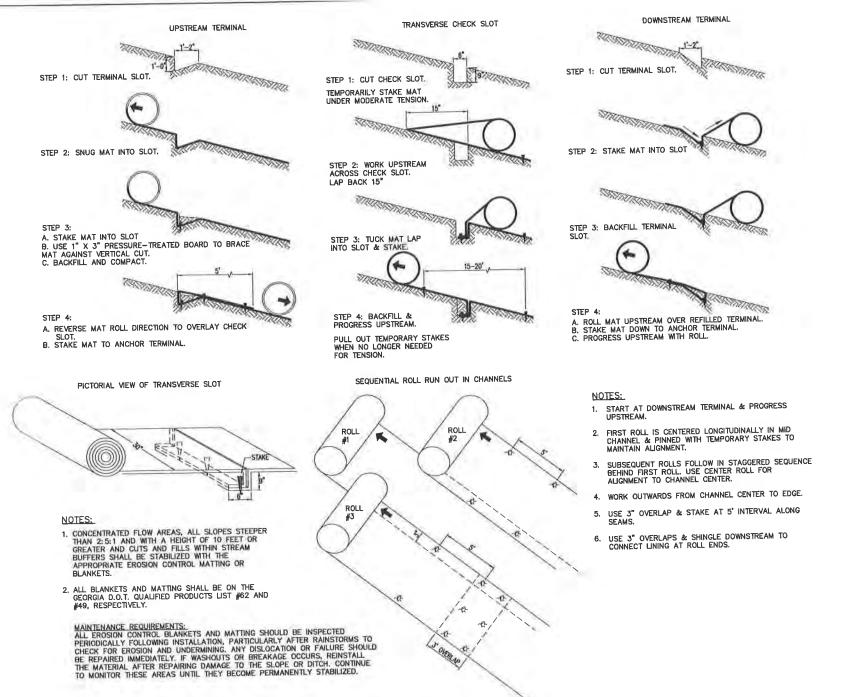


S ¥ STADIUM PROJECT

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Effective January 1, 2013 The sing inits checural in the same of a common development but within 200 ft of a perennial stream.

g at Importary and permainint vegetative practices. Include species, planting dates and libring rates. Vegetative plan shealf be unle specific for appropriate line of your first seeding families peopropriate line of your first seeding.



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EROSION CONTROL MATTING AND BLANKETS

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT IN GEORGIA" FOR FURTHER DETAILS AND

of the year in which the land-disturbing activity was permitted.

The opposited Christian must be submitted with the ESSPC Plan of the Plan will not be surround.

Level II certification number issued by the Commission, signature and seal of the certified dealor professional (Stonature, seal and Lavet II number must be un each arest partianles to ESAPC plan or the

TO BE SHOWN ON ES&PC PLAN The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1

The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls

Provide land lot and district numbers for site location. Describe critical areas and any additional measures that will be

Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.

12. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

9 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following

N/A 13 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is

N/A 14. Slorm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion.

51-001A Y 16. Identify the project receiving waters and describe all adjacent areas including streams, takes, residential areas,

N/A N/A 17 Any construction activity which dacharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watersteet as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.

N/A N/A 18. If a TMOL Implementation Plan for sediment has been finalized for the impaired Stream Septrant (identified in Item 18 above) at least six months prior to submitted of NO), the ESSPC Plan must address any site-specific conditions or requirements included in the TMOL Implementation Plan.* Delinante on-sile drainage and off-sile watersheds using USGS 1": 2000' topographical sheets.

N/A 3. Use of elternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unites disapproved by EPD or the Georgia Soil and Water Conservation Commission). Pages refet to the Attendable BMP Goldenes Declarated count at www.gastro.com 24. Best Management Practices to minimize off-site vehicle tracking of sediments and the generation of dust.

51-001A Y X5. BAP's for concrete washdown of India, concrete masks the real of the velocities. We should of this shown

29. A description of appropriate controls and measuring that will be implemented at the construction site including; (1) initial sediment storage requirements and pertinate control BMPs, (2) Intermediate grading and drainage BMPs, and (3) final

Description and chart or timetine of the intended sequence of major activities when disturb solis for the major portions of the situ (i.e., initial perimeter and sediment storage BMPs, cleaning and glubbing activities, excavation outvities, utility activities, temporary and final stabilization).

31. Description of the practices that will be used to reduce the pollutants in alorm water discharges."

ST-001A Y 32 Description of the regulaters that will be installed during the construction process to control pollutants in sterm water that

Design protesplanar's curtification statement and expensive that the size was valled prior to development of the ESEPC Plan as stated on page 15 of the pormit.

51-001A Y 34 Design professional's certification statement and signature that the permitted a ESSPC Plan provides for an appropriate and comprehensive system of BMPs and sampling to most permit requirements as stated on page 14 of the permit. (51-001A) Y 35 Certification statement and signature of the permittee or the day authorized representative as taked on section V.G.Z.d. of S1401A Y 36 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are

N/A N/A 37 Indication that non-exempt activities shall not be conducted within the 25 or 50 foot undistucted stream buffers as massared from the point of wreated vegetation without first acquiring the necessary variances and permits.

61-001A Y 39 Indication that amendment/levisions to the ESSPC Plan which have a significant offsect on BAPs with a hydraulic

42 Provide complete requirements of inspections and record keeping by the primary permittee. 43. Provide complete requirements of sampling frequency and reporting of sampling results 44. Provide complete details for retention of records as per Part IV.F. of the permit* 45. Description of analytical methods to be used to collect and analyze the samples from each location.*

51-002A Y 47 Clearly note statement in bold letters. "The escape of sediment from the site shall be prevented by the

S1-901A Y 48 Clearly note maintenance statisticol in bold latters - Erocion controt measures will be maintenance at all times. If

Frowide detailed drawings for all structural princitics. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Eroston and Sediment Control in Georgia. 55.003A Y 51 Provide ventralive plant, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, furtilizer, know and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding well take plans and for the appropriate geographic region of Georgia.

51-002A Y 40 Indication that waste mutatials shall not be discharged to waters of the State, except an authorized by a Section 404

51-002A 41. Documentation that the ES&PC Plan Is in compliance with waste disposal, sanitary sewer, or septic tank regulations during

installation of ecosion and sediment control measures and precises prior to, or concurrent with, land disturbing activities.

Effective January 1, 2013

[51-001A] Y 38 Indication that the design probastical who prepared the ESSPC Plan is to angest the installation of the initial sodiment storage regularization and perimeter control BMPs within 7 days after includation."

Y 27. Location of Best Management Principos that are consistent with and no less singent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

20. Initial date of the Plan and the dates of any revisions made to the Plan including the entiry who requested the revisions

21. The limits of disturbance for each phase of construction.
22. Provide a minimum of 67 cubic yards of sectional storage per acre drained using a temporary sediment basin, retrofited detention pond, analytic excessional tired sediment traps for each common draining location. Sediment storage volume must be in place prior to each during all land disturbance activities until final stabilization of the rate has been activitied. A written rationate explaining the decision to use equivalent conflicts when a sadiment basin to not attainable must be included in the plan for each common darinage location in which a sediment basin is not provided. Worksheets from the Marcual insust be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent conflots.

SWCD:

utilized for these areas

Y 8. Graphic scale and north arrow

Y 4 Provide name, address and phone number of primary permittee

Note total and disturbed acreage of the project or phase under construction

Existing Contours: USGS 1*2000* Topographical Sheets Proposed Contours: 1* 400* Centerline Profile 10 Delineation and acreage of contributing drainage basins on the project site Y 11 Delineation of on-site wellands and all state waters located on and within 200 feet of the project site

entify/Delineate all storm water discharge points. Y 15. Soil series for the project site and their delineation.

wellands, etc. which may be alfacted.

Y 21. The limits of disturbation for each phase of construction...

at the construction site is prohibited *

28. Description of the nature of construction activity

26. Provide BMPs for the remediation of all petroleum spills and toaks.*

will occur after construction operations have been completed."

component must be certified by the design professional."

and after construction activities have been completed."

Y 46 Appendix B rationale for outfall sempling points where applicable *

shall be stabilized with mulch or temporary seeding."

City/County: City of Atlanta Plan Included

Page # Y/N 56-001A Y

58-001A Y 2

51-001A

INFRASTRUCTURE CONSTRUCTION PROJECTS Address: Mangum Street NW Project Name: New Stadium Project - Roadway Relocation Date on Plans: November 15, 2013

KEY PL



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*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream