



Department of Public Works
City Engineering Division

608 266 4751

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GIS Manager
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Financial Officer
Steven B. Danner-Rivers
Hydrogeologist
Brynn Bemis

February 14, 2013

NOTICE OF ADDENDUM

ADDENDUM NO. 1

CONTRACT NO. 7009

UNIVERSITY RELIEF STORM SEWER – PHASE 4

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

PLANS:

Remove and Replace pages U-5 through U-6.

The plans have been revised to better depict the existing structure at Campus Drive. The location of the storm sewer tap at the Campus Drive structure (S-1) was shifted slightly. No pipe lengths or grades have changed.

SPECIFICATIONS:

Add seven (7) pages as attachments to the Special Provisions. The sheets will be added after the Soil Data and Contaminated Soil Data sections and will appear under the heading Campus Drive Structure. These sheets are intended to provide additional information about the Campus Drive Structure to be used in the shoring and storm tap design.

Please acknowledge this addendum on page E1 of the contract documents.

An electronic version of these documents can be found on the City of Madison web site at:

<http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another route.

Robert F. Phillips, P.E., City Engineer

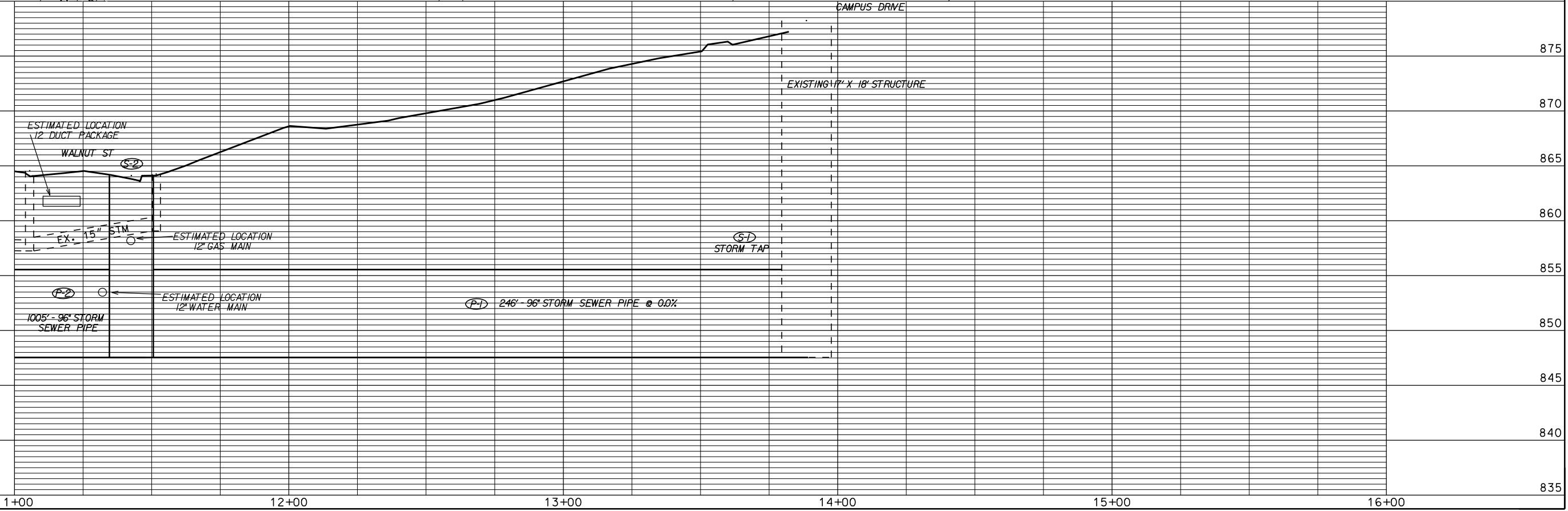
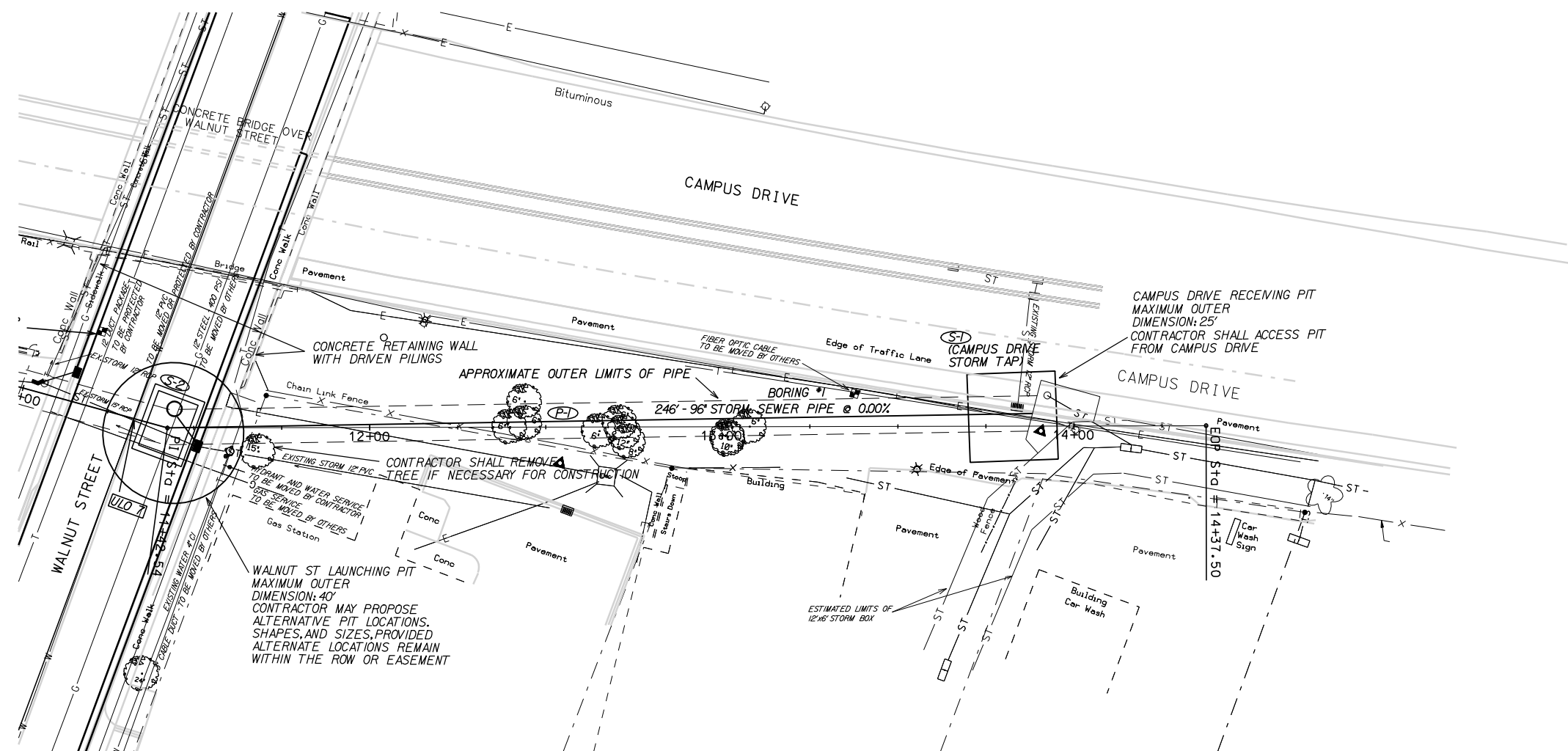
CAMPUS DRIVE STRUCTURE

ATTACHMENT INCLUDES:

- 2004 Design Drawings for Structure
- 2005 Photos of Structure Construction

PLAN AND PROFILE

96" STORM SEWER CITY OF MADISON
REV. 2/14/2013 SCS



PLOT SCALE: 1"=40'

PLOT NAME: 53WI399_U-5

REV. DATE: 2/14/2013

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'WS' = WALNUT STREET
'HA' = HIGHLAND AVENUE

* REV. 2/14/2013 SCS

UNIVERSITY RELIEF STORM SEWER
PROJECT NO. 53W1399

SHEET NO.
U-6

STORM SEWER SCHEDULE
CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	13+88.68	LT-4.58	STORM TAP	878.24	847.56	30.68	BID ITEM 90037
S-2	11+42.54	CL	12'X16.5' STRUCTURE	864.12	847.56	16.56	FP, BID ITEM 90035
S-3	1+40.43	CL	12'X14' STRUCTURE	874.33	847.56	26.77	FP, BID ITEM 90036
S-10	33'WS'+97.46	LT-20.09	H INLET	858.74	855.06	3.68	FP, W/R-3067-7004-V
S-11	32'WS'+78.86	LT-20.32	H INLET	863.96	857.08	6.88	FP, W/R-3067-7004-V
S-12	32'WS'+72.14	LT-29.10	FIELD BEND	--	857.32	--	
S-13	32'WS'+71.11	RT-20.14	H INLET	863.71	860.71	3.00	W/R-3067-7004-V
S-14	42'HA'+16.26	RT-18.40	3X3 SAS	873.89	868.57	5.32	W/R-1550-0054
S-15	42'HA'+25.34	RT-28.12	H INLET	874.34	870.27	4.07	W/R-3067-7004-V
S-16	41'HA'+84.86	RT-20.42	3X3 SAS	873.39	868.22	5.17	W/R-1550-0054

STRUCTURE REMOVALS

STRUC.	STATION	LOCATION	TYPE	DEPTH
RS-10	33'WS'+97.46	LT-20.09	INLET	3.68
RS-11	32'WS'+35.76	LT-20.31	3X3 SAS	7.32
RS-12	32'WS'+72.14	LT-20.14	INLET	5.73

UTILITY LINE OPENINGS (ULOs)

NAME	STATION	LOCATION	TYPE
ULO 1	33'WS'+97.25	LT-23.81	GAS
ULO 2	32'WS'+77.34	LT-22.72	GAS
ULO 3	32'WS'+73.92	LT-14.06	AT&T DUCT PACKAGE
ULO 4	32'WS'+79.50	RT-23.27	ELEC & TELECOM
ULO 5	42'HA'+25.34	RT-28.12	GAS
ULO 6	42'HA'+19.78	RT-22.24	GAS & ELECTRIC
ULO 7	11+32.88	CL	WATER

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	246.12	847.56	847.56	0.00%	96"		SEE SECTION 510.4
P-2	S-2	S-3	1005.61	847.56	847.56	0.00%	96"		SEE SECTION 510.4
P-10	S-10	S-11	115.46	855.06	857.08	1.75%	18"	RCP	
P-11	S-11	S-12	11.06	857.32	857.36	0.36%	12"	RCP	NCM
P-12	S-2	S-14	10.70	860.60	860.71	1.03%	12"	RCP	NCM
P-14	S-15	S-16	13.45	870.07	870.27	1.49%	12"	RCP	

PIPE REMOVALS

PIPE	FROM	TO	LGTH	PAID
RP-10	RS-10	S-11	118.6	NO
RP-11	RS-11	RS-12	49.42	YES

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT SALLY SWENSON OF CITY ENGINEERING AT (608) 266-4862 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

STANDARD SYMBOLS

- PROPERTY LINE AND/OR RIGHT OF WAY
- TEMPORARY EASEMENT
- PERMANENT EASEMENT ON SEWER
- ⊕ SECTION CORNER
- ⊕ IRON PIPE
- ⊕ PROPERTY IRON
- ⊕ MONITORING WELL
- ⊕ SOIL BORING
- ⊕ BENCH MARK
- ⊕ BURIED TELEPHONE CABLE PEDESTAL
- ⊕ EXISTING UTILITY POLE
- ⊕ LIGHT POLE
- ⊕ TELEPHONE POLE
- ⊕ PROPANE TANK
- ⊕ MAIL BOX
- ⊕ SIGN
- ⊕ ROAD SIGN
- ⊕ OBJECTS TO BE REMOVED
- ★ CONIFEROUS TREE
- ⊕ DECIDUOUS TREE
- ⊕ STUMP
- ⊕ BUSH
- ⊕ WETLAND
- PAVED ROAD
- EXISTING CULVERT
- EXISTING CULVERT IN PROFILE
- ORIGINAL GROUND IN PROFILE
- EXISTING CONTOUR
- FENCE
- GUARD RAIL
- SILT FENCE
- △ CONTROL POINT
- GUY WIRE
- ⊕ INLET
- ⊕ SIDEWALK VENT/GRATE
- ⊕ CATCH BASIN
- ⊕ CURB WATER BOX
- ⊕ SEWER CLEANOUT
- ⊕ SEPTIC VENT
- ⊕ ROOF DRAIN
- ⊕ NOTATION FOR COMBUSTIBLE FLUIDS
- ⊕ FIRE SERVICE
- ⊕ NEW WATER MAIN AND FIRE HYDRANT WITH AUXILIARY VALVE
- ⊕ EXISTING SANITARY SEWER AND MANHOLE
- ⊕ NEW SANITARY SEWER AND MANHOLE
- WYE BRANCH
- CASING PIPE
- FO FIBER OPTIC
- PSS PRESSURE STORM SEWER
- SS STORM SEWER
- SANITARY SEWER
- F FORCE MAIN
- ELECTRIC DUCT
- STEAM PIPING
- CHILLED WATER RETURN
- CHILLED WATER SUPPLY
- TELEPHONE OR TV CABLE
- GAS MAIN
- UNDERGROUND ELECTRIC CABLE

DEPARTMENT OF PUBLIC WORKS

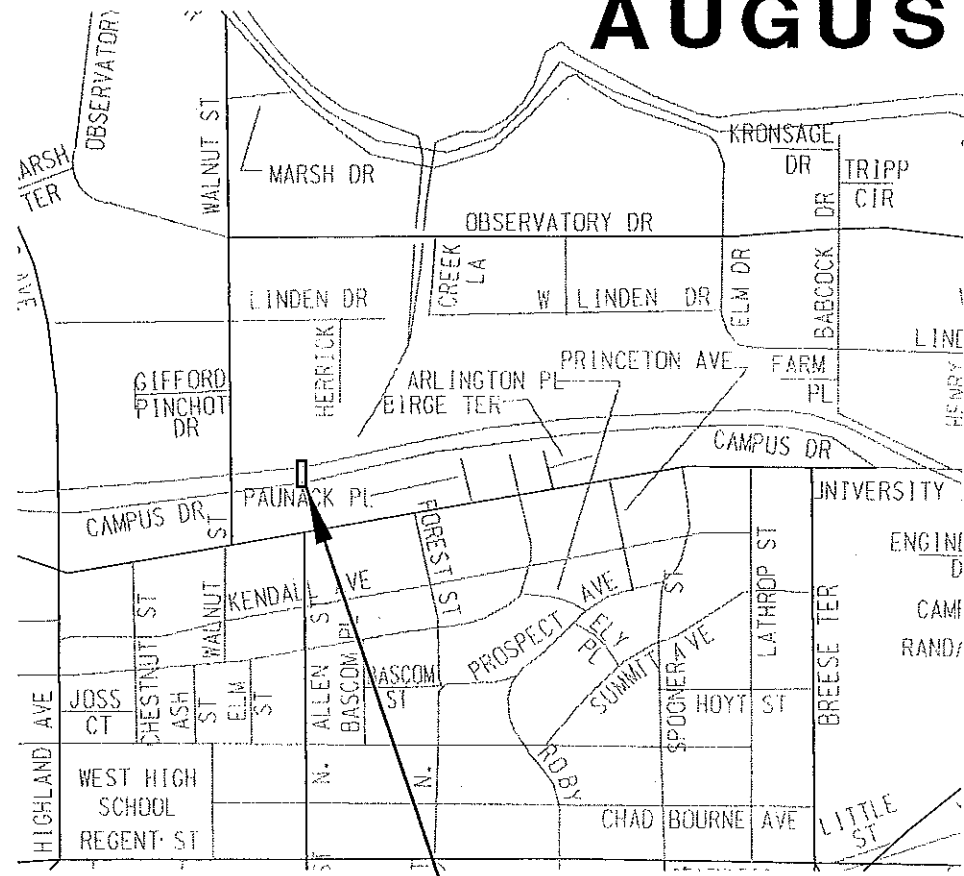
CITY ENGINEERING DIVISION

CITY OF MADISON

CAMPUS DRIVE STORM SEWER CROSSING CONSTRUCTION

AUGUST 2004

CONTRACT # 5830
PROJECT # 53W0244



910 West Wingra Drive
Madison, WI 53715
608 251-4843
608 251-8655 FAX

www.strand.com

PROJECT LOCATION


PROJECT LOCATION MAP

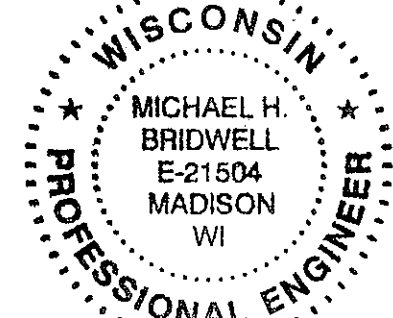
LIST OF DRAWINGS

SHEET NO.	DRAWING TITLE	DRAWING NO.
10	TITLE SHEET	020-750-010
11	CULVERT PLAN AND PROFILE	020-750-011
12,16	STRUCTURAL DETAILS	020-750-012, 016
17	CONSTRUCTION ACCESS PLAN	020-750-017
18,19	TRAFFIC CONTROL PLAN	020-750-018,19

UTILITY CONTACTS

- WISCONSIN AND SOUTHERN RAILROAD COMPANY**
BEN MEIGHAN - 608-243-9129
- AMERICAN TRANSMISSION COMPANY**
ROD CLARKE - 608-877-7627
- MADISON GAS AND ELECTRIC**
DON MCCLAIN - GAS - 608-252-5618
MARK BOHM - ELECTRIC - 608-252-4730
- CITY OF MADISON**
GREG FRIES - 608-267-1199
- UNIVERSITY OF WISCONSIN FACILITIES PLANNING AND MGMT**
STEVE HARMAN - 608-263-3031
GARY BROWN - 608-263-3023
- WDOT - RAILROADS**
ROGER LARSON - 608-246-7916
- USDA/MALT LAB**
DAVID PETERSON - 608-262-4482

DESIGN APPROVED BY

 CITY ENGINEER




9.8.04 *Michael H. Bridwell*
 DATE SIGNATURE

PROJECT APPROVED BY THE COMMON COUNCIL OF MADISON, WISCONSIN

MARCH 29, 2005
 DATE

CITY CLERK



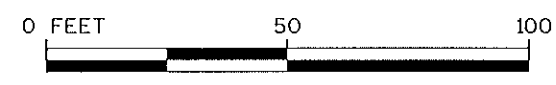
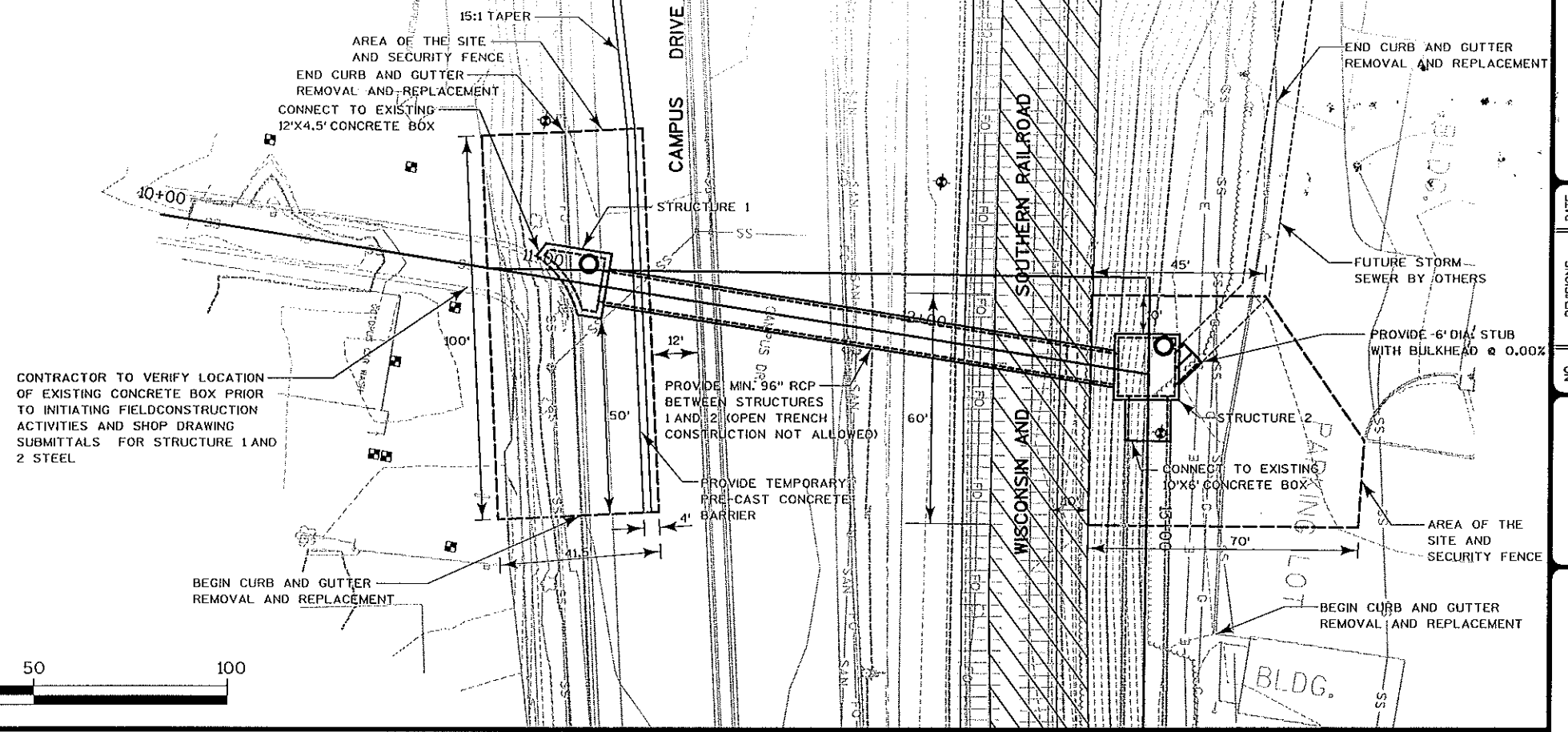
SHEET
10
 020-750-10
 JOB NO. 1-020.750

CONTRACT NO.

NOTES:

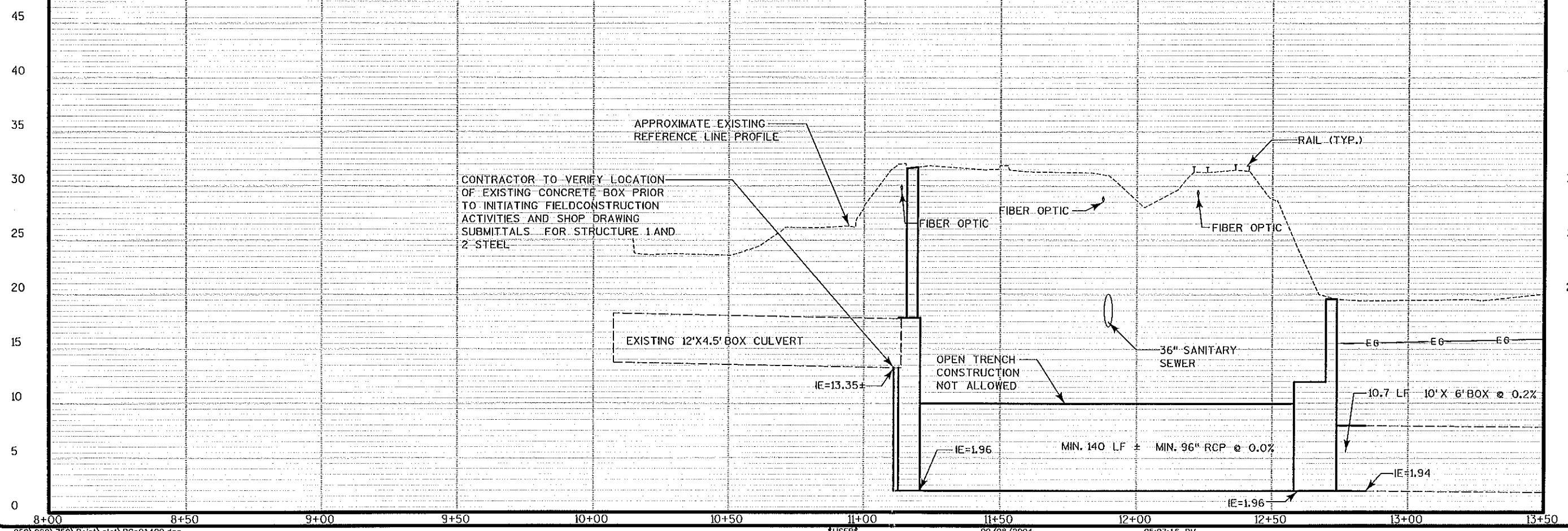
1. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UNDERGROUND PIPELINES AND CONDUITS IN SERVICE DURING CONSTRUCTION.

2. OTHER THAN ACCESS, TRAFFIC CONTROL, AND EROSION CONTROL CONTRACTOR SHALL LIMIT OPERATIONS TO THE AREA OFF THE SITE.



NO.	REVISIONS	DATE

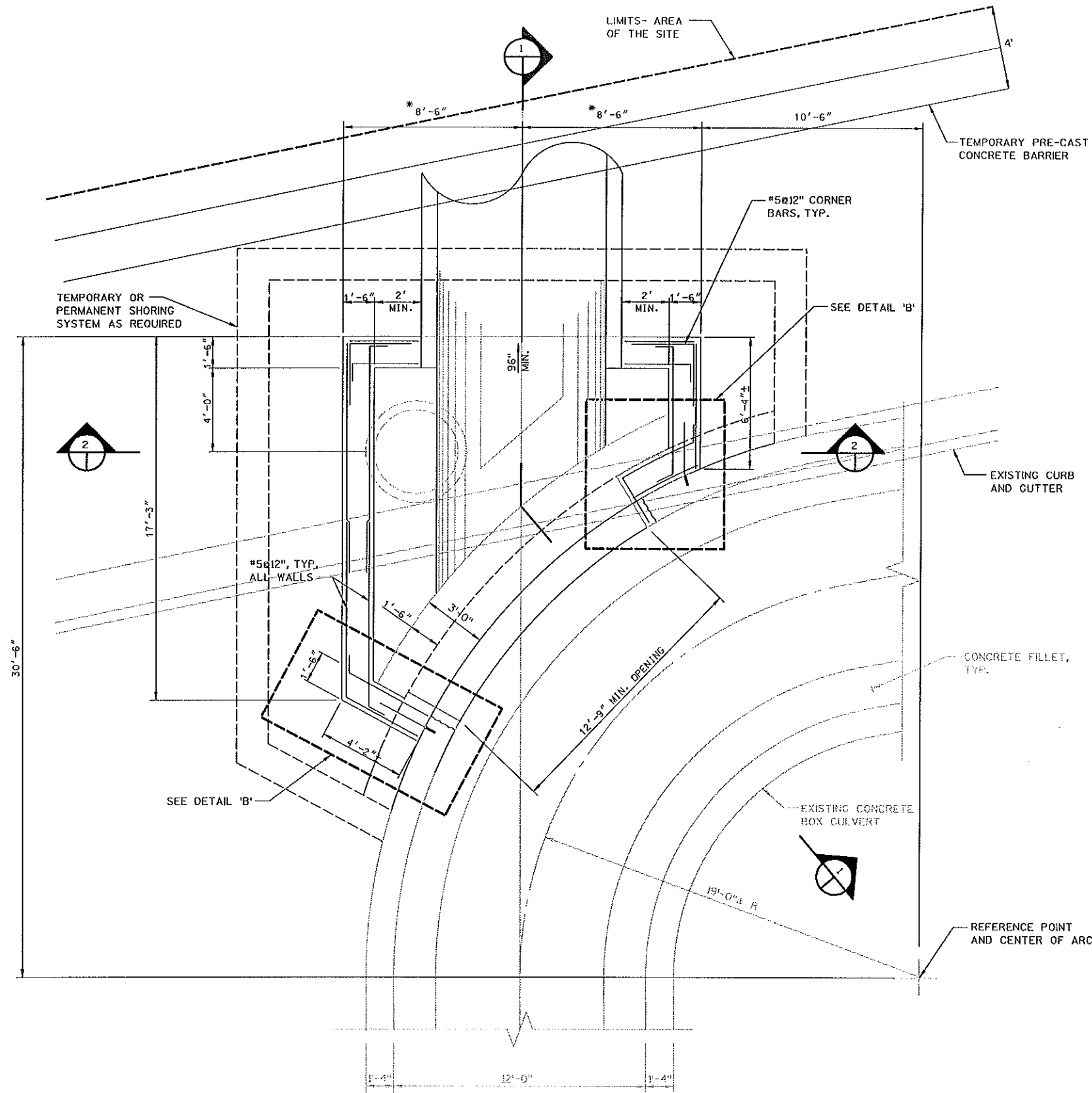
DATE: MARCH 2004
DES BY: BMM CHK BY: RTA
RECORD DRAWING
BY: DATE: CONTRACTOR:



CULVERT PLAN AND PROFILE
CAMPUS DRIVE STORM SEWER CROSSING CONSTRUCTION
 CITY OF MADISON DEPARTMENT OF PUBLIC WORKS
 CITY ENGINEERING DIVISION
 CITY OF MADISON
 MADISON, WISCONSIN



SHEET
11
 020-750-11
 JOB NO. 1-020.750



GENERAL NOTES:

1. PROVIDE PERMANENT SHORING AS REQUIRED TO PROTECT RAILROAD PROPERTY.
2. PROVIDE TEMPORARY SHORING AS REQUIRED TO PROTECT, SINGLE EASTBOUND LANE OF CAMPUS DRIVE, ADJACENT BUILDINGS AND PARKING LOTS.
3. PROTECT ALL UTILITIES AND STRUCTURES WITHIN THE AREA OF THE SITE.
4. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS IN WALLS AND SLABS PER DETAIL ON SHEET 9. ADDITIONAL REINF. AROUND THE PIPE PENETRATIONS IN WALLS MAY BE LIMITED TO 2-#5 VERTICAL EACH FACE ON EACH SIDE, AND 2-#5 ADDITIONAL HORIZONTAL EACH FACE ACROSS THE TOP, AS WELL AS DIAGONAL BARS PER THE DETAIL.
5. BACKFILL AROUND STRUCTURE IN ACCORDANCE WITH DETAIL ON SHEET 14.
6. REINFORCING SHALL BE BENT AND DETAILED AS SHOWN IN PLAN AND SECTIONS. PROVIDE MINIMUM LAPS AS FOLLOWS:
 WALL HORIZ. #5 BAR LAPS: 1'-9"
 WALL VERT. #5 BAR LAPS: 2'-2"
 BEAM VERT. #5 STIRRUPS: 1'-9"
7. ALL CONSTRUCTION JOINTS SHALL INCLUDE A SURFACED BEVELED 1/2" X 5/2" KEYWAY AND 3/4" X 1" BENTONITE WATERSTOP CENTERED IN THE JOINT.

* CONTRACTOR MAY VARY DIMENSION AS NECESSARY TO ACCOMMODATE ACTUAL PIPE SIZE INSTALLED



PLAN

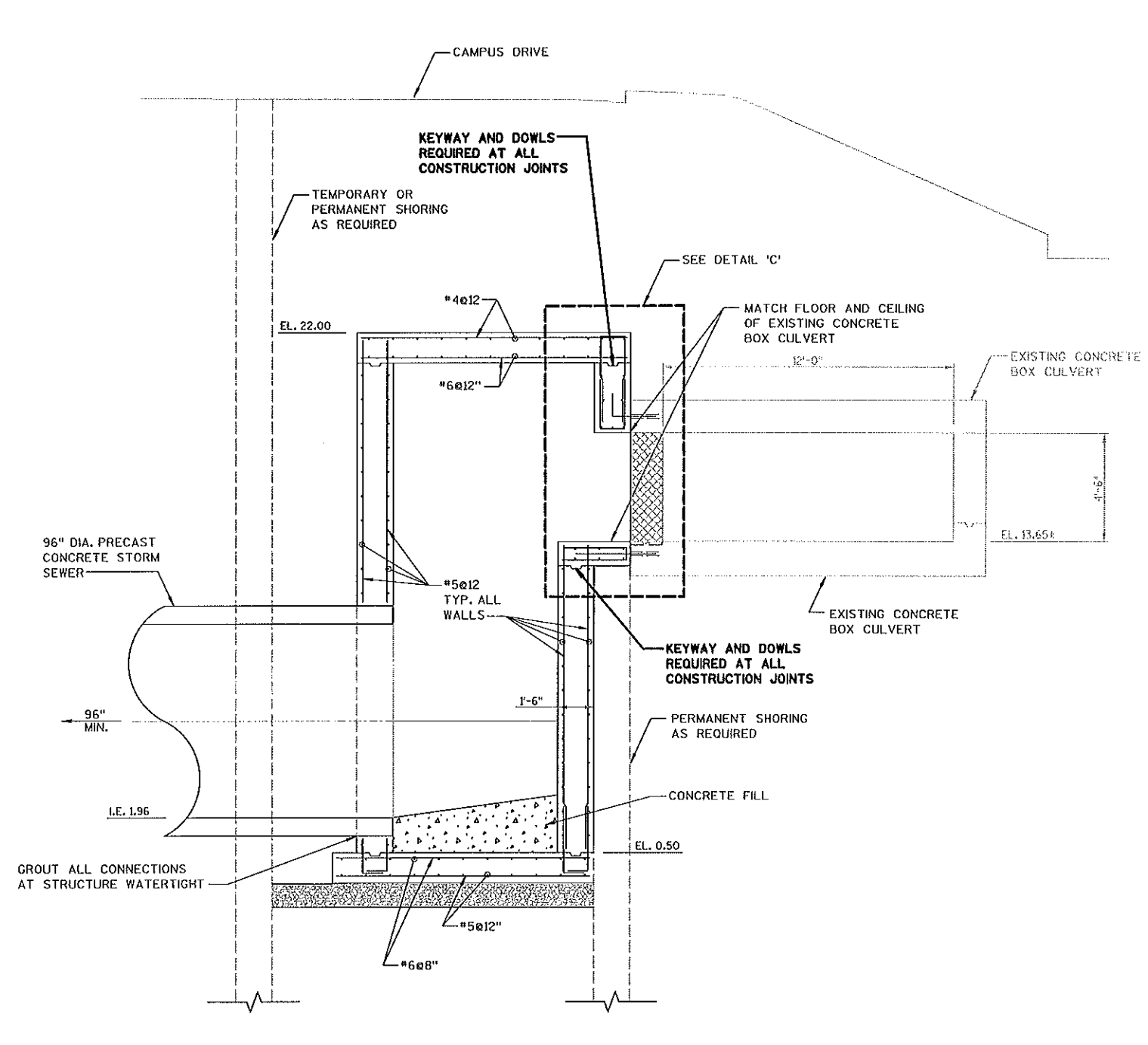
NO.	REVISIONS	DATE:

DATE: JUNE 2004
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 RECORD DRAWING
 BY: DATE: CONTRACTOR:

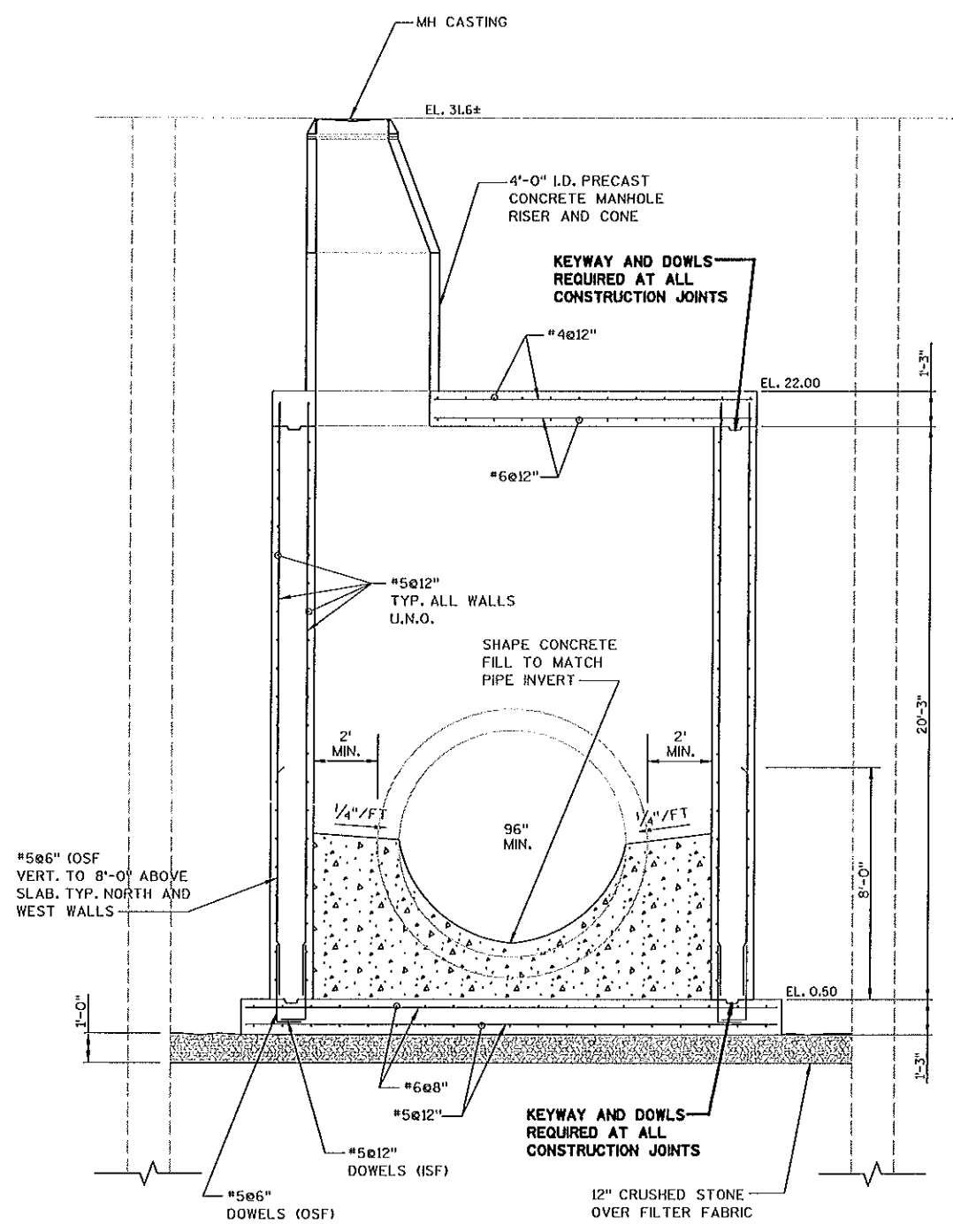
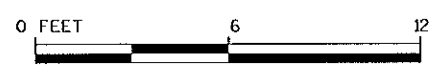
STRUCTURE 1 - PLAN
CAMPUS DRIVE STORM SEWER CROSSING CONSTRUCTION
 CITY OF MADISON DEPARTMENT OF PUBLIC WORKS
 CITY ENGINEERING DIVISION
 CITY OF MADISON
 MADISON, WISCONSIN



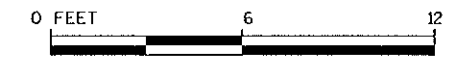
SHEET
12
 020-750-12
 JOB NO. 1-020-750



SECTION 1
XXXX



SECTION 2
XXXX



NO.	REVISIONS	DATE:

DATE: JUNE 2004
DES BY: DDR CHK BY: MHB
RECORD DRAWING
BY: DATE: CONTRACTOR:

STRUCTURE 1 - SECTIONS
CAMPUS DRIVE STORM SEWER CROSSING CONSTRUCTION
 CITY OF MADISON DEPARTMENT OF PUBLIC WORKS
 CITY ENGINEERING DIVISION
 CITY OF MADISON
 MADISON, WISCONSIN



SHEET
13
 020-750-13
 JOB NO. 1-020-750



Photo 1:
Construction of Campus Drive structure (S-1 in plan set). Contractor shall tap into this structure as detailed in the Special Provisions. The shoring system shown in the photo, or portions of the shoring system were most likely left in place.



Photo 2:
Construction of Campus Drive structure (S-1 in plan set). Contractor shall tap into this structure as detailed in the Special Provisions. The shoring system shown in the photo, or portions of the shoring system were most likely left in place.



Photo 3:
Construction of Campus Drive structure (S-1) in plan set. Contractor shall tap into this structure as detailed in the Special Provisions. The shoring system shown in the photo, or portions of the shoring system were most likely left in place. The structure wall to be tapped is shown on the left side of the photo.



Photo 4:
Construction of Campus Drive structure (S-1) in plan set. Contractor shall tap into this structure as detailed in the Special Provisions. The shoring system shown in the photo, or portions of the shoring system were most likely left in place.