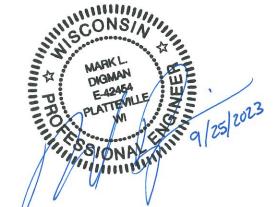
MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

OWNER: VILLAGE OF MUSCODA

SHEET INDEX:

SHEET TITLE:	SHEET DESCRIPTION:	DATE OF ISSUE:	DATE OF REVISION:
G000	TITLE SHEET & PROJECT LOCATION MAP	SEPT. 25, 2023	-
G001	LEGEND & GENERAL NOTES	SEPT. 25, 2023	2 45
C101 - C102	PLAN VIEW - MASS GRADING	SEPT. 25, 2023	
C103	PLAN VIEW - STORMWATER FACILITY	SEPT. 25, 2023	-
C104	PROFILE & DETAILS - STORMWATER FACILITY	SEPT. 25, 2023	
C105 - C106	PLAN & PROFILE - INDUSTRIAL DRIVE	SEPT. 25, 2023	≅
C107 - C113	PLAN & PROFILE - HOWARD STREET	SEPT. 25, 2023	¥
C114 - C115	PLAN & PROFILE - OLD COUNTY TRUNK HIGHWAY 'P'	6EPT. 25, 2023	. "
C116 - C118	PLAN VIEW - INTERSECTION GRADING	6EPT. 25, 2023	-
C201	DETAILS - TRAFFIC CONTROL, MAP, & NOTES	SEPT. 25, 2023	<u>.</u>
C202 - C203	DETAILS - EROSION CONTROL & NOTES	SEPT. 25, 2023	-
C204	DETAILS - SANITARY SEWER SYSTEM	SEPT. 25, 2023	*
C205 - C206	DETAILS - WATER SYSTEM	SEPT. 25, 2023	-
C207 - C208	DETAILS - STORM SYSTEM	SEPT. 25, 2023	-
C209	DETAILS - STREET	SEPT. 25, 2023	2
C210	DETAILS - STRUCTURE TABLES	SEPT. 25, 2023	-
C211	DETAILS - LIFT STATION	SEPT. 25, 2023	*
C212	DETAILS - S.T.H. '80'/133' TYPICAL CROSS-SECTIONS	SEPT. 25, 2023	-
C213 - C214	DETAILS - PAVEMENT MARKINGS	SEPT. 25, 2023	-
C301 - C302	CROSS-SECTIONS - INDUSTRIAL DRIVE	SEPT. 25, 2023	*
C303 - C307	CROSS-SECTIONS - HOWARD STREET	SEPT. 25, 2023	-



MUSCODA, WI 53573

PROJECT INFORMATION:

OWNER:

VILLAGE OF MUSCODA MS. CINDA JOHNSON

STREET AND STORM SEWER:

VILLAGE OF MUSCODA DIRECTOR OF PUBLIC WORKS MUSCODA, WI 53573

CABLE TELEVISION UTILITY:

MEDIACOM

MR. DAVE McMANUS 115 S. MARQUETTE RD.

P.O. BOX 58

SANITARY SEWER AND WATER UTILITIES:

NATURAL GAS UTILITY:

WE ENERGIES N3025 14TH AVE. MONROE, WI 53566

WE ENERGIES PAVING COORDINATOR 500 S. 116TH STREET WEST ALLIS, WI 53214

VILLAGE OF MUSCODA

DIRECTOR OF PUBLIC WORKS

CENTURYLINK MR. STEVE BISHOP 130 4TH ST.

DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, MISCONSIN 53818 PHONE: (563) 542-9008

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

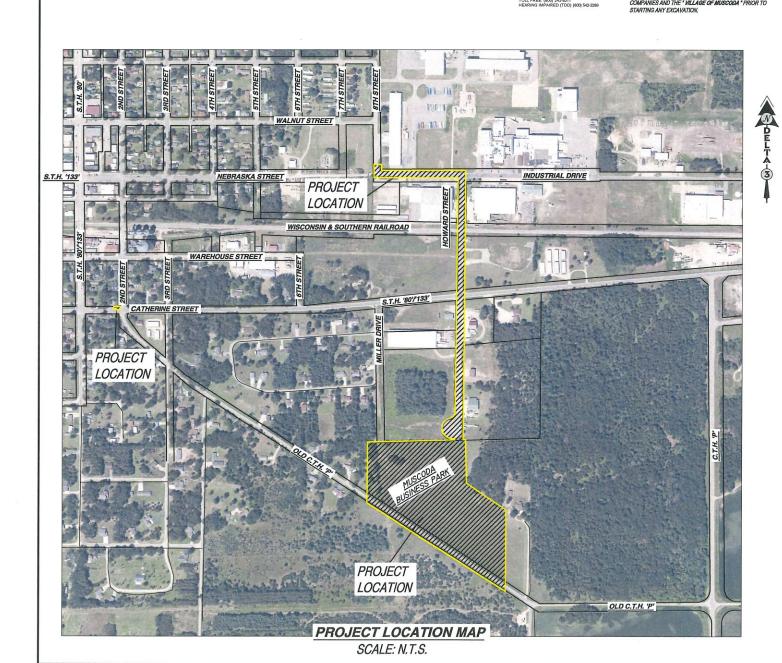
MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

	FOR BID
PROJECT NUMBER	D20-121
SHEET	NOT TO SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET	TITLE SHEET & PROJECT

SHEET TITLE:

G000



PROP. 4' DIA. SANITARY MANHOLE

PROP. 5' DIA. SANITARY MANHOLE

REHABILITATION / TOP ADJUSTMENT

PROP. MANHOLE CHIMNEY

PROP. SANITARY LIFT STATION

EX. U.GRD FIBER OPTIC UTILITY

EX. OVERHEAD ELECTRIC

EX. RAILROAD TRACKS

EX. DRAINAGE SWALE

EX. FENCE

--- 99 --- EX. CONTOUR

PROP. REVERSE-PITCH CURB & GUTTER PROP. 4" CONCRETE SIDEWALK PROP. 6" CONCRETE PAVEMENT PROP. 8" CONCRETE PAVEMENT PROP. GRAVEL SHOULDER / DRIVEWAY EROSION MATTING (MILD SLOPES) EROSION MATTING (STEEP SLOPES) PROP. REGRADING AND LANDSCAPING PROP. STORM STRUCTURES - PROFILE PROP. STORM PIPE(RCP) - PROFILE PROP. STORM PIPE(CMP OR HDPE) - PROFILE PROP. SANITARY STRUCTURE - PROFILE PROP. WATER MAIN PIPE - PROFILE PROP. CLAY LINER - PROFILE PROP. SANITARY SEWER FORCE MAIN - PROFILE PROP. SPOT REPAIR - PROFILE / PLAN VIEW PROP. CASING PIPE - PROFILE PROP. CLEARING AND GRUBBING PROP. BUILDING REMOVAL PROP. SIDEWALK REMOVAL PROP. PRESSURE-REDUCING VALVE STATION PROP. FIRE HYDRANT PROP. WATER SERVICE PROP. WATER SERVICE WITH VALVE BOX SLEEVE PROP. WATER BEND - HORIZONTAL PROP. WATER BEND - VERTICAL PROP. WATER BEND <5° PROP. WATER CROSS PROP. WATER REDUCER PROP. 4' DIA. STORM MANHOLE PROP. 5' DIA. STORM MANHOLE PROP. 4' DIA. CATCH BASIN- W/ 2'X3' CASTING PROP. 5' DIA. CATCH BASIN- W/ 2'X3' CASTING PROP. 6' DIA. CATCH BASIN- W/ 2'X3' CASTING PROP. 4'X6' CATCH BASIN W/2'X3' CASTING PROP. CURB OPENING CASTING PROP. 2'X3' CATCH BASIN

PROP. ADJUSTED CATCH BASIN TOP

PROP. WISDOT TYPE 8 INLET

PROP. WISDOT TYPE 9 INLET

PROP. CMP ENDWALL

PROP. RCP ENDWALL

KEY NOTES |100|. 100 PROPOSED SILT FENCE FOR EROSION CONTROL. 101 PROPOSED SEDIMENT LOG FOR EROSION CONTROL 102 PROPOSED TRACKING PAD FOR EROSION CONTROL. 103 RE-GRADE YARD/DITCH LINE (MIN. SLOPE 1.0%). 104 PROPOSED EROSION MAT CLASS I, TYPE 'B'. 105 INSTALL TYPE 'D' INLET PROTECTION. 106 PROPOSED MAIL BOX RELOCATION. 107 ITEM TO REMAIN. 108 CONTRACTOR TO REMOVE ITEM. PROP. HOT MIX ASPHALT PAVEMENT (DRIVEWAY) 200 PROPOSED SANITARY SEWER [SIZE] 201 NEW SANITARY SEWER LATERAL (SIZE) 202 REPLACE EXISTING SANITARY SEWER LATERAL 203 RECONNECT EXISTING SANITARY SEWER LATERAL 204 CONNECTION TO EXISTING SANITARY SEWER PIPE/STRUCTURE. 205 REMOVE EXISTING SANITARY SEWER PIPE /STRUCTURE. 206 REHABILITATE SANITARY MANHOLE; SEE TABLE 'B'. 207 SANITARY SEWER SPOT REPAIR. 208 REMOVE EXISTING SANITARY SEWER OR FILL WITH CONCRETE SLURRY 209 ABANDON EXISTING SANITARY SEWER LATERAL 210 CONTRACTOR TO FIELD VERIFY SANITARY SEWER LATERAL LOCATION/ACTIVITY AND REPLACE ACCORDING TO ENGINEER. 211 LIFT STATION ABANDONMENT. 300 PROPOSED WATER MAIN [SIZE]. 301 NEW WATER SERVICE [SIZE]. 302 REPLACE EXISTING WATER SERVICE WITH 1" WATER SERVICE. 303 RECONNECT EXISTING WATER SERVICE 304 DIRECTIONAL DRILL PROPOSED WATER SERVICE. 305 CONNECTION TO EXISTING WATER MAIN 306 EXISTING HYDRANT TO BE REMOVED AND SALVAGED TO OWNER. 307 REMOVE EXISTING WATER MAIN VALVE BOX/STRUCTURE. 308 ADJUST EXISTING WATER MAIN VALVE BOX. 309 ABANDON, DRAIN, & CAP EXISTING WATER MAIN 310 ABANDON EXISTING WATER SERVICE. 311 CONTRACTOR TO FIELD VERIFY WATER SERVICE LOCATION/ACTIVITY AND REPLACE ACCORDING TO ENGINEER. 312 CONTRACTOR TO PROVIDE 4" POLYSTYRENE INSULATION. 401 CONNECT EXISTING ROOF DRAIN TO CURB OPENING/STRUCTURE. 402 CONNECTION TO EXISTING STORM SEWER PIPE/STRUCTURE. 403 REMOVE EXISTING STORM SEWER PIPE/STRUCTURE. 404 ABANDON & CAP EXISTING STORM SEWER. 405 ADJUST EXISTING STORM STRUCTURE. 406 LARGE RIP RAP OVER FABR FIELD VERIFY LOCATION AND DEPTH OF PIPE. 500 TREE & STUMP TO BE REMOVED (LESS THEN 12") 501 TREE & STUMP TO BE REMOVED (12" & GREATEŔ) 502 SHRUB TO BE REMOVED 503 CLEAR AND GRUB BRUSH LINE AS NECESSARY TO COMPLETE CONSTRUCTION. ALL CLEARING TO BE VERIFIED BY PROJECT ENGINEER 504 REMOVE AND REINSTALL/REPLACE EXISTING LANDSCAPING, FENCE, RETAINING WALL, ETC. (IF NECESSARY) 505 REMOVE EXISTING LANDSCAPING, FENCE, RETAINING WALL, ETC. 506 POLE/PEDESTAL TO BE SECURED BY UTILITY COMPANY DURING CONSTRUCTION. 507 POLE TO BE RELOCATED BY UTILITY COMPANY. 508 GUY WIRE TO BE RELOCATED BY UTILITY COMPANY. 509 PEDESTAL TO BE RELOCATED BY UTILITY COMPANY. 510 UTILITY CONFLICT - TO BE RELOCATED/ADJUSTED BY UTILITY COMPANY. 511 POTENTIAL UTILITY CONFLICT - VERIFY WITH UTILITY COMPANY. 512 CAUTION! - UTILITY CROSSING 513 PROPOSED 3-PHASE UNDERGROUND ELECTRICAL 514 PROPOSED ELECTRICAL JUNCTION BOX. 515 PROPOSED 6" SCH 40 ELECTRICAL CONDUIT. 600 REMOVE EXISTING CURB & GUTTER. 601 PROPOSED 24" CONCRETE CURB & GUTTEF 602 PROPOSED 30" CONCRETE CURB & GUTTER 603 PROPOSED 36" CONCRETE CURB & GUTTER. 604 MATCH TO EXISTING CURB & GUTTER. 605 PROVIDE TYPE 'X' CURB 606 PROVIDE REVERSE-PITCH CURB & GUTTER. 607 PROVIDE CURB TAPER. 608 REMOVE ASPHALT/CONCRETE/WALL/STEPS/GRAVEL 609 PROPOSED 4" CONCRETE SIDEWALK. 610 PROPOSED 6" CONCRETE SIDEWALK/DRIVEWAY. 611 PROPOSED 6" CONCRETE PAVEMENT. 612 PROPOSED 8" CONCRETE PAVEMENT. 613 PROPOSED CONCRETE STEPS. STEP RISE HEIGHT AND STEP TREAD DEPTH 630 SHALL MEET APPLICABLE BUILDING CODES. CONTRACTOR SHALL CONFIRM 800 PROPOSED SOLID 4" SINGLE LINE (WHITE). REQUIRED NUMBER OF STEPS WITH PROJECT ENGINEER PRIOR TO INSTALL. 614 PROPOSED 2' GRAVEL SHOULDER. 615 REGRADE EXISTING GRAVEL 616 PROPOSED GRAVEL DRIVEWAY. 617 REMOVE & REPLACE GRAVEL DRIVEWAY. 618 REMOVE GRAVEL DRIVEWAY & REPLACE WITH BITUMINOUS 619 REMOVE & REPLACE HMA PAVEMENT. 620 REMOVE & REPLACE HMA PAVEMENT DRIVEWAY. 621 PROPOSED HMA PAVEMENT. 622 MATCH TO EXISTING EDGE PAVEMENT.

623 PROPOSED RESIDENTIAL HMA PAVEMENT DRIVEWAY.

624 PROPOSED COMMERCIAL HMA PAVEMENT DRIVEWAY

LOCATIONS. RFMOVAL SAW CUT NOTE: BUT THE SURVEYOR DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHOULD VERIFY LOCATIONS W/ THE UTILITY COMPANIES AND VILLAGE OF MUSCODA PRIOR TO STARTING ANY SANITARY SEWER LATERAL NOTE. THE LOCATION OF EXISTING SANITARY SEWER LATERALS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND STATUS OF EACH SANITARY SEWER LATERAL ENCOUNTERED. ONLY ACTIVE SANITARY SEWER LATERALS SHALL BE CONNECTED TO THE NEW SANITARY SEWER MAIN. 625 REMOVE & REPLACE 4" CONCRETE SIDEWALK. 626 REMOVE & REPLACE 6" CONCRETE SIDEWALK/DRIVEWAY 627 PROPOSED HANDICAP RAMP WITH - D. WARN. FIELD [S.F]. 628 SAW CUT PCC PAVEMENT. 629 SAW CUT HMA PAVEMENT 801 PROPOSED SOLID 4" SINGLE LINE (YELLÓW). 802 PROPOSED SOLID 4" DOUBLE LINE (YELLOW). 803 PROPOSED DIAGONAL 12" SINGLE LINE (YELLOW) AT 25' SPACING. 804 PROPOSED SOLID 18" LINE (WHITE). 805 PROPOSED ARROW - TYPE 1 806 PROPOSED ARROW - TYPE 2. 807 PROPOSED ARROW - TYPE 3. 808 PROPOSED ARROW - TYPE 6. 809 PROPOSED ARROW - TYPE 7. 810 PROPOSED WORDS 811 REMOVE PAVEMENT MARKINGS. 812 PROPOSED SOLID 24" LINE (WHITE)

NOTES: TRAFFIC CONTROL NOTE: (COUNTY OR STATE HIGHWAY) ALL CONTRACTORS MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE REQUIREMENTS OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION. TWO LANES OF TRAFFIC MUST REMAIN WATER SYSTEM NOTE: ON STATE TRUNK HIGHWAY '80/133'. STREET SIGN NOTE:
CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING, STORING, AND RESETTING ALL PERMANENT SIGNS. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING SIGNS UNTIL REMOVED. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL TEMPORARY SIGNS THAT MAY BE REQUIRED. TRAFFIC SIGN NOTE CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC SIGNS FOR ANY TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION. ALL DISTURBED TRAFFIC SIGNS MUST BE REPLACED AND INSTALLED AS PER LOCAL REGULATIONS AT THE COMPLETION OF THE PROJECT. **EROSION CONTROL NOTE:** CONTRACTOR TO INSTALL BACKFILL MATERIAL INTO THE EXCAVATED TRENCH AS SOON AS POSSIBLE TO IMPLEMENT EROSION CONTROL. PROPERTY LINE AND RIGHT-OF-WAY NOTE: ALL RIGHT-OF-WAYS AND PROPERTY LINES SHOWN ARE APPROXIMATE AND FOR ILLUSTRATIVE PURPOSES ONLY A PROPERTY SURVEY PERFORMED BY A PROFESSIONAL I AND SURVEYOR SHOULD BE COMPLETED TO DETERMINE THE ACTUAL PROPERTY LINE AND RIGHT-OF-WAY MAILBOX RELOCATION NOTE. CONTRACTOR TO RELOCATE EXISTING MAILBOXES DURING CONSTRUCTION (COORDINATE AND VERIFY WITH THE CONTRACTOR DURING EXECUTION OF THE LOCAL POSTAL SERVICE ON LOCATION). RESET BEHIND CURB AND GUTTER OR SHOULDER ACCORDING TO THE REQUIREMENTS OF THE LOCAL POSTMASTER UPON COMPLETION OF STREET CONSTRUCTION. ROOTS, AND BUSHES DISTURBED DUE TO CONSTRUCTION. OR OPERATED FOR WHICH THE SINGLE OR TREE REMOVAL NOTE: CONTRACTOR TO CONTACT ENGINEER OR VILLAGE OF MUSCODA FOR VERIFICATION PRIOR TO ANY TREE CONTRACTOR TO PROVIDE FULL DEPTH SAW CUTS AND REPLACE PAVEMENT. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLAN HAVE BEEN OBTAINED BY FIELD CHECKS. A UTILITY LOCATE AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT.

813 PROPOSED PAVEMENT MARKINGS - RAILROAD CROSSING.

ENGINEER: CASTING NOTE: ALL EXISTING MANHOLE CASTINGS AND STORM SEWER A DELTA 3 CASTINGS TO BE REMOVED AND/OR REPLACED SHALL PROFESSIONAL CMIL, NUNCPAL, & STRUCTURAL ENGINEERING CRIANT WRITING + LAND DEVELOPMENT + PLANNING & CAOD SERVI BE SALVAGED TO THE VILLAGE OF MUSCODA. 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 OPEN DURING AND AFTER ALL CONSTRUCTION ACTIVITIES CONTRACTOR TO SALVAGE EXISTING HYDRANTS TO BE 898 Jackson Street Dubuque, Iona 52001 REMOVED TO THE VILLAGE OF MUSCODA. REMOVE EXISTING HYDRANTS TO A MINIMUM DEPTH OF 4'-0". FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT: TRACER WIRE NOTE: TRACER WIRE (12 GAUGE) TO BE INSTALLED WITH ALL POLYVINYL CHLORIDE (PVC) WATER MAIN. DELTA 3 ENGINEERING INC WATER SERVICE NOTE: TELEPHONE: (608) 348-5355 CONTRACTOR TO VERIFY STATUS AND LOCATION OF EACH WATER SERVICE ENCOUNTERED. CONTRACTOR TO REPLACE ACCORDING TO ENGINEER. ONLY ACTIVE WATER SERVICES SHALL BE CONNECTED TO THE NEW WATER MAIN. PLAN SHEET ARE CREATED BY AND FOR SITE RESTORATION NOTE: CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL DISTURBED PROJECT AREA COMPONENTS INCLUDING, BUT NOT LIMITED TO,

DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN IN ANY FORM, WHETHER PRINTED, ELECTRONIC, OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF EXISTING CONCRETE, BITUMINOUS PAVEMENT, GRAVEL, CULVERTS, WATER AND SANITARY SEWER SYSTEM COMPONENTS, STORM SEWER SYSTEM COMPONENTS, TREES, LAWN ORNAMENTS, FENCING, YARD LANDSCAPING, RETAINING WALLS, MAILBOXES, AND

LANDSCAPE AREAS. PROPERTY DAMAGES.

THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ADJACENT PROPERTY AND FOR ANY DAMAGE TO THE SITE OR TO ADJACENT PROPERTY INCIDENTAL TO THE CONSTRUCTION ACTIVITIES AFTER THE COMPLETION OF CONSTRUCTION, ANY AREAS ADJACENT TO THE CONSTRUCTION SITE DAMAGED BY CONTRACT SHALL BE RESTORED TO MATCH THE PRECONSTRUCTION CONDITIONS.

DEWATERING NOTE: THE CONTRACTOR SHALL CONTACT THE DEPARTMENT TREE TRIMMING NOTE:

CONTRACTOR TO PROPERLY TRIM ALL TREE BRANCHES,
SECTION FOR A PERMIT FOR ALL WELLS INSTALLED
OF NATURAL RESOURCE'S PRIVATE WAI EH SUPPLY
CONTRACTOR TO PROPERLY TRIM ALL TREE BRANCHES,
SECTION FOR A PERMIT FOR WHICH THE SINGLE OR OF NATURAL RESOURCE'S PRIVATE WATER SUPPLY AGGREGATE CAPACITY MAY BE IN EXCESS OF 70
GALLONS PER MINUTE. THE DEPARTMENT'S PRIVATE WATER SUPPLY SECTION'S CONTACT INFORMATION FOR WELL PERMITS IS:

> WISCONSIN DEPARTMENT OF NATURAL RESOURCES PRIVATE WATER SUPPLY SECTION LIESA LEHMANN P.O. BOX 7921 MADISON, WISCONSIN 53707 (608) 267-7649

> > DESIGNATION REMOVAL GENERAL CIVIL **LANDSCAPE AQUATIC** AQ **ARCHITECTURAL** STRUCTURAL FI FCTRICAL INSTRUMENTATION/CONTROLS **PROCESS** PI LIMBING HVAC /MECHANICAL

DISCIPLINE DESIGNATORS

DESIGNATION NOTES & SCHEDULES **PLANS ELEVATIONS & DETAILS** CROSS-SECTIONS **DIAGRAMS**

DRAWING SHEET DESIGNATION

DRAWING NUMBER - DRAWING SHEET DESIGNATION DISCIPLINE DESIGNATION (MAY HAVE MULTIPLE)

SHEET NUMBER IDENTIFICATION

NUMBER # 02 of 41

.79-06393 EXP. 7K 1 PAF ER: NUMBE NUMBE DDA BUSI AWARD I S Ø USCC EDA

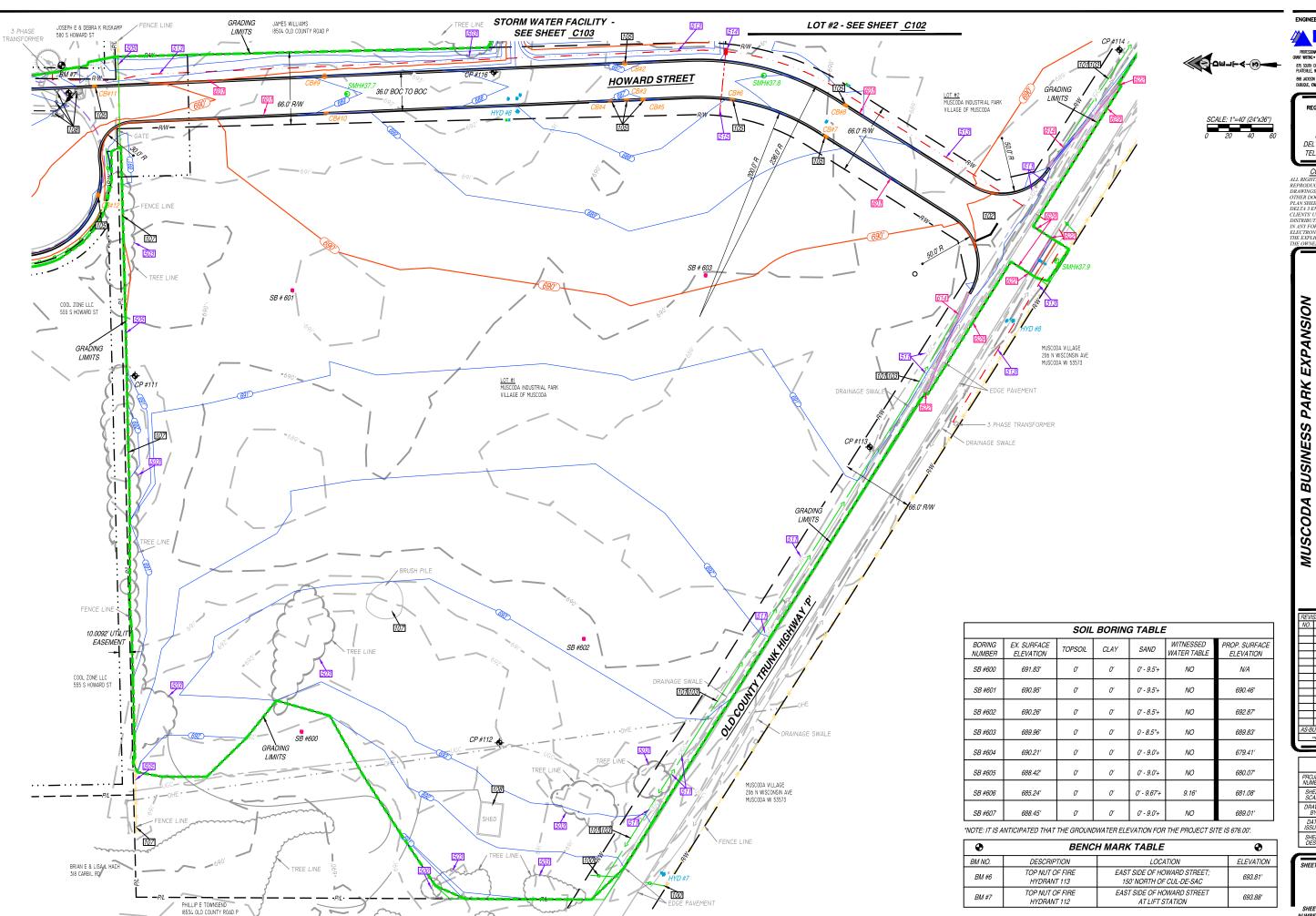
PHONE: (563) 542-9005

MARK DIGMAN, P.E.

D20-121 NOT TO SCALE DRAWN SEPT. 25, 2023 SHEET DESC. GENERAL NOTES

SHEET TITLE:

G001



ENGINEER: DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5356 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET DUBUQUE, KWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO

ALL RIGHTS RESERVED, AND NO REPRODUCTION WITHOUT CONSENT. AL DRAWINGS, SPECS. REPORTS, DATA, AND TOTHER DOCUMENTS CONTAINED ON THE PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING, AND THER CLIENTS USE. USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN AND FORM. WHETHER PRINTED. ELECTRONIC, OR OTHERWISE. REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE OWNER.

MUSCODA BUSINESS PARK EXPANSIOI EDA AWARD NUMBER: 06-79-06393

EVI	SIONS:		1
10.	DATE	DESCRIPTION]
			l
			ł
			ı
			l
]
			l
			ł
_			ı
			1
]
		L	l
S-BI	VILT: //	BY:	ł
-	-//	,	1
			×

	FOR BID
JECT IBER	D20-121
EET 4LE	SEE BAR SCALE
IWN Y	C.COYIER
TE VED	SEPT. 25, 2023
EET SC	PLAN VIEW - MASS GRADING

SHEET TITLE:

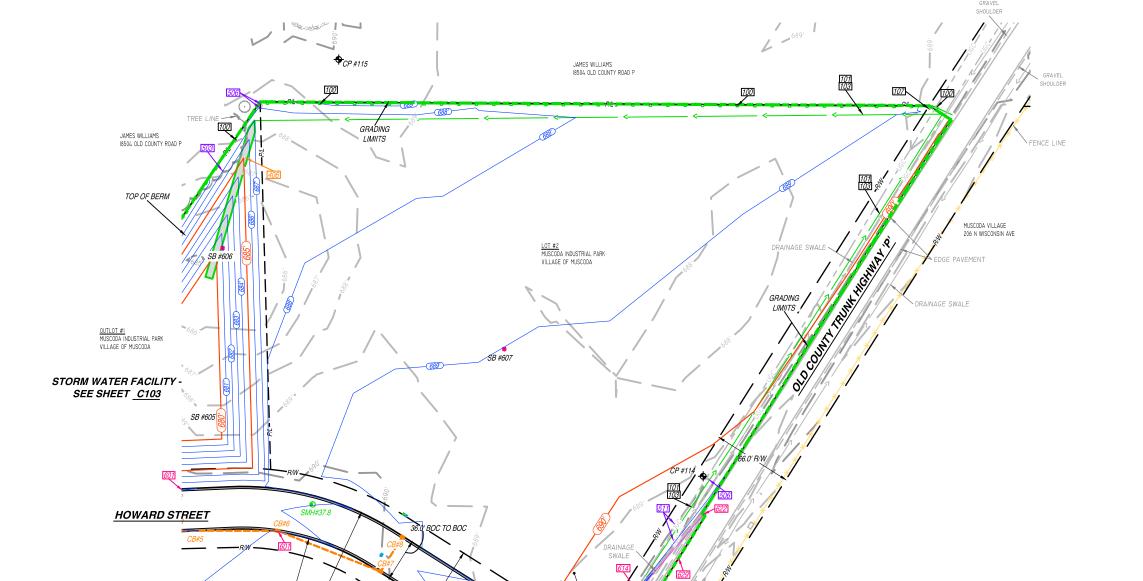
C101

SHEET NUMBER # 03 of 41

•	BENCI	H MARK TABLE	•
BM NO.	DESCRIPTION	LOCATION	ELEVATION
BM #6	TOP NUT OF FIRE HYDRANT 113	EAST SIDE OF HOWARD STREET; 150' NORTH OF CUL-DE-SAC	693.81'
BM #7	TOP NUT OF FIRE HYDRANT 112	EAST SIDE OF HOWARD STREET AT LIFT STATION	693.88′







102

MUSCODA VILLAGE 206 N WISCONSIN AVE

LOT #1 MUSCODA INDUSTRIAL PARK VILLAGE OF MUSCODA

LOT #1 - SEE SHEET C101

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

ENGINEER:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. A
OTHER DOCUMENTS CONTAINED ON THE
OTHER DOCUMENTS CONTAINED ON THE
OTHER ROBERTED HAS PER
CLIENTS USE. REPRODUCTION ON
DISTRIBUTION OF ANY CONTENT HEREI
IN ANY FORM. WHETHER PRANTED.
ELECTRONIC, OR OTHERWISE, REQUIRE
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS	SIONS:	
NO.	DATE	DESCRIPTION
AS-B	'/// T·	BY:
	-//	2,
		· · · · · · · · · · · · · · · · · · ·

	FOR BID
PROJECT NUMBER	D20-121
SHEET SCALE	SEE BAR SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	PLAN VIEW - MASS GRADING

SHEET TITLE:

C102

SHEET NUMBER # 04 of 41

•	BENC	H MARK TABLE	•
BM NO.	DESCRIPTION	LOCATION	ELEVATION
BM #6	TOP NUT OF FIRE HYDRANT 113	EAST SIDE OF HOWARD STREET; 150' NORTH OF CUL-DE-SAC	693.81'
BM #7	TOP NUT OF FIRE HYDRANT 112	EAST SIDE OF HOWARD STREET AT LIFT STATION	693.88'

BENC	H MARK TABLE	•
CRIPTION	LOCATION	ELEVATION
NUT OF FIRE DRANT 113	EAST SIDE OF HOWARD STREET; 150' NORTH OF CUL-DE-SAC	693.81'
NUT OF FIRE DRANT 112	EAST SIDE OF HOWARD STREET AT LIFT STATION	693.88'





MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS, SPECS, REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS	SIONS:	
NO.	DATE	DESCRIPTION
\vdash		
-		
\vdash		
		ļ
		İ
\vdash		†
AC.B	III T-	BY:
70.00	VILT: -//	<i>υι</i> .
<u> </u>	-//	-,

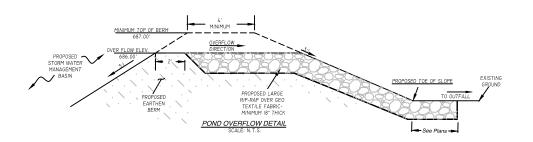
	FOR BID
PROJECT NUMBER	D20-121
SHEET SCALE	SEE BAR SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	PLAN VIEW - STORM WATER FACILITY

SHEET TITLE:

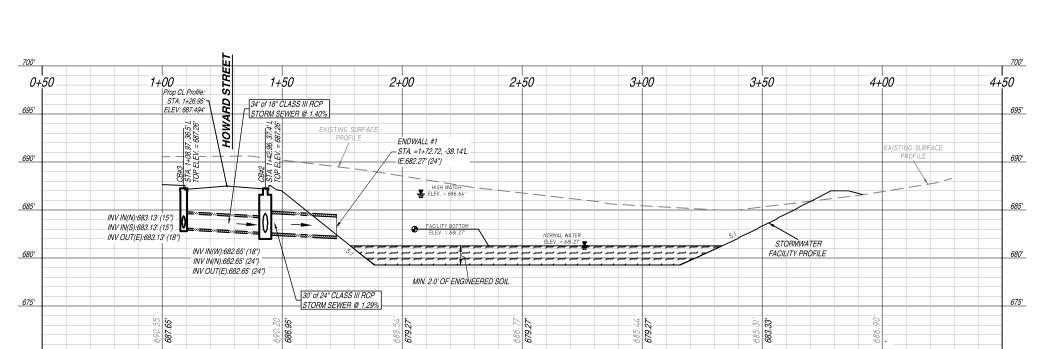
C103

SHEET NUMBER# **05 of 41**

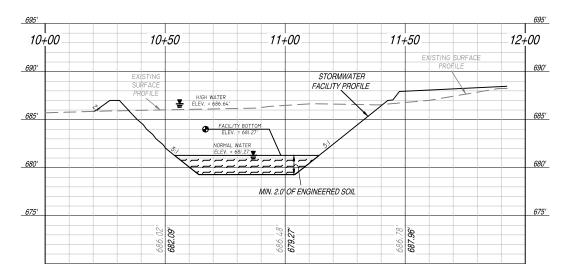
TREE LINE GRADING LIMITS ELECTRICAL PEDESTAL JAMES WILLIAMS 1850- OLD COINTY ROAD P
TOP OF BERM SSB #604 TO TOP OF BERM SSB #
CB#4 CB#4 CB#4 CB#5 GRADING LIMITS TOP OF BEEN STORM WATER FACILITY CB#5 GRADING LIMITS TOP OF BEEN AMES WILLIAMS ISSA OLD COUNTY ROAD P 1-00 SB #605
SS #005 TREE LINE SS #005







CROSS-SECTION A-A SCALE (24"x36") : HOR. 1"=20' VERT. 1"=5'



CROSS-SECTION B-B

SCALE (24"x36") : HOR. 1"=20' VERT. 1"=5'

ENGINEER:

DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9006 DUBUQUE, IOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS, SPECS, REPORTS, DATA, AND
OTHER PER ARE TO CONTAINED ON THE
DELTA 3 ENGINEERING AND THER
CLIENTS USE. USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

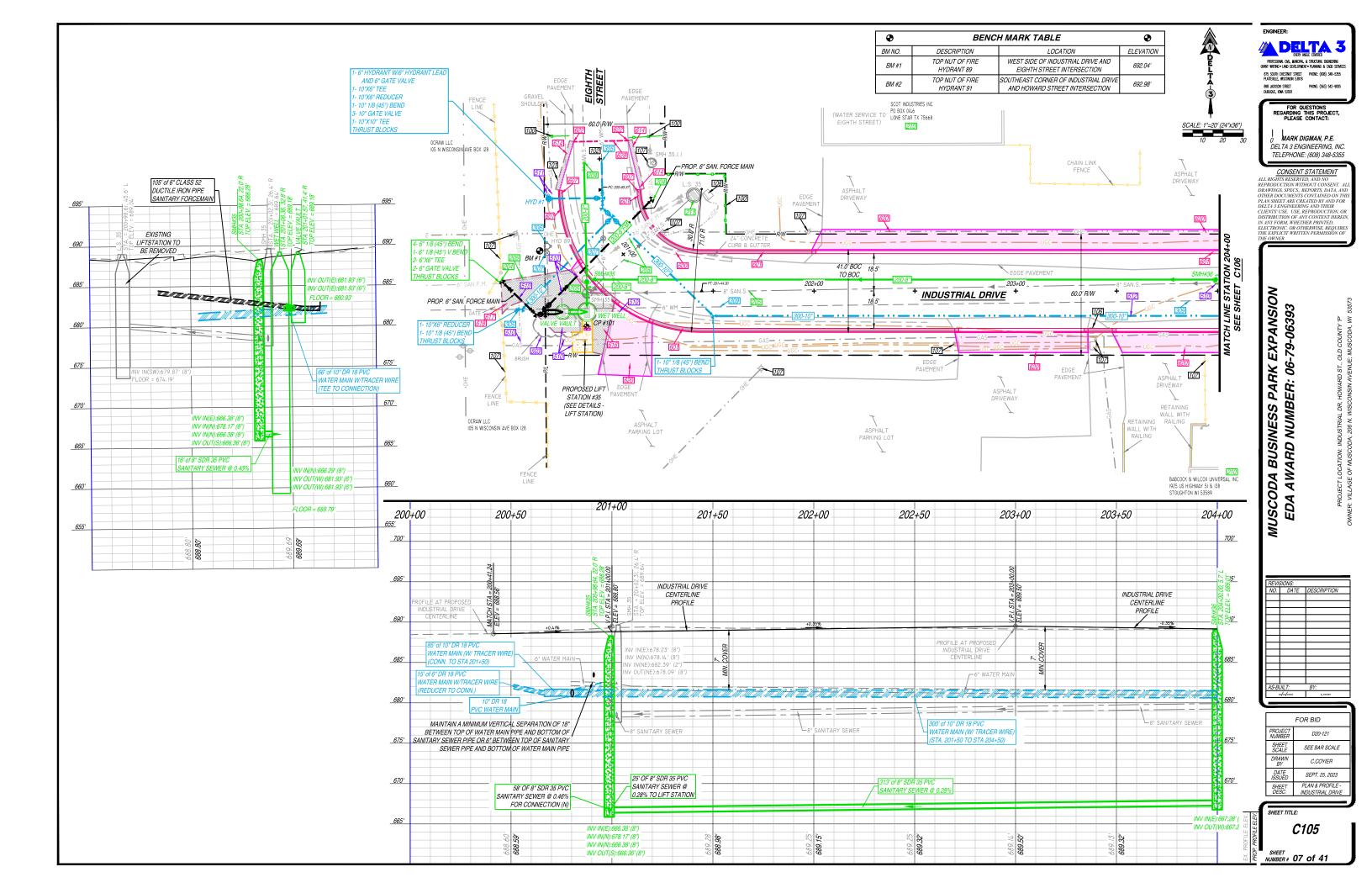
REVIS	IONS:	
NO.	DATE	DESCRIPTION
\vdash		ļ
\vdash		
\vdash		1
\vdash		
\vdash		
\vdash		
\Box		
\perp		
AS-BU	YLT:	BY:
_	//	-,

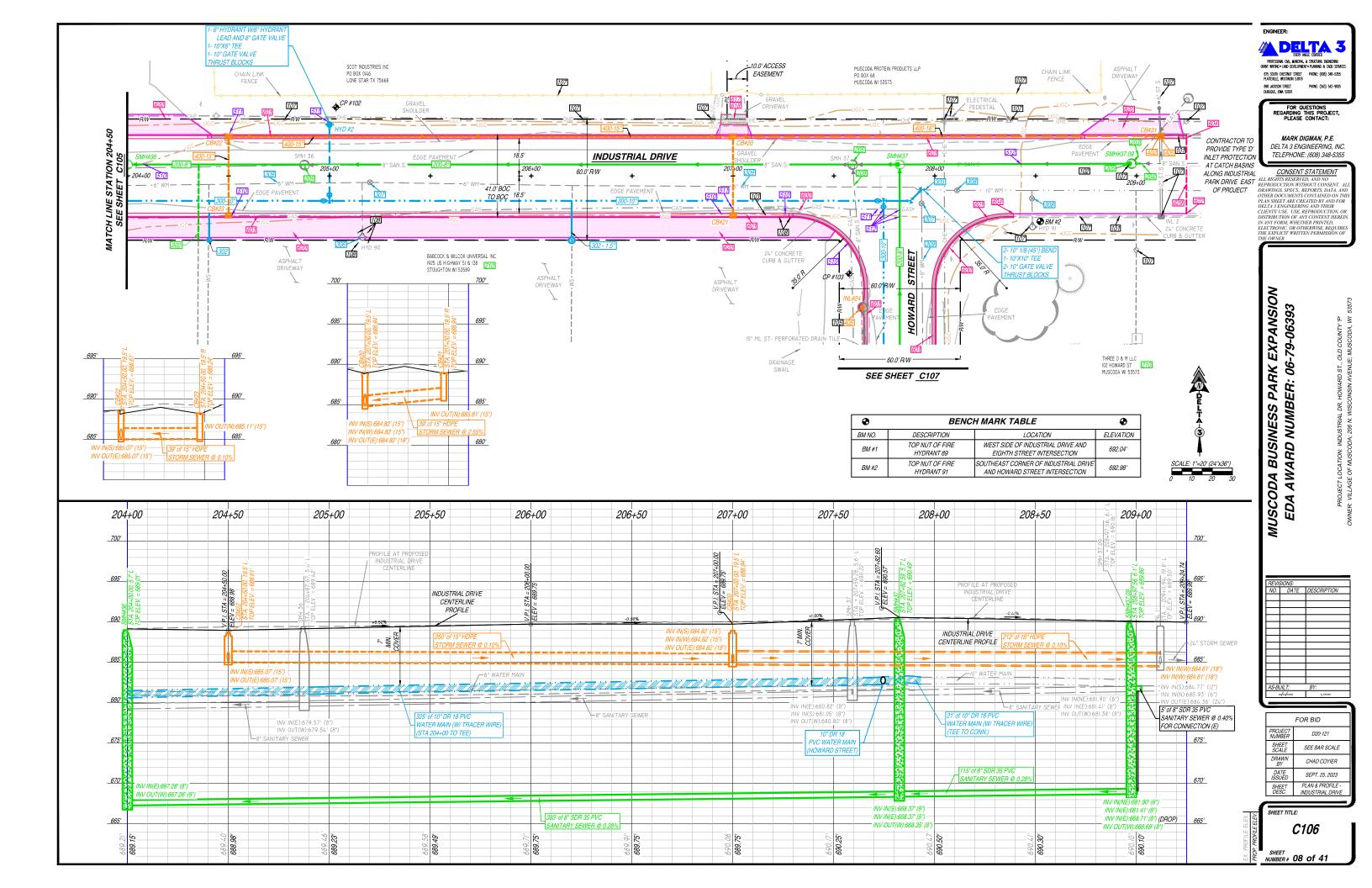
	FOR BID		
PROJECT NUMBER	D20-121		
SHEET SCALE	SEE BAR SCALE		
DRAWN BY	C.COYIER		
DATE ISSUED	SEPT. 25, 2023		
SHEET DESC.	PLAN VIEW - STORM WATER FACILITY		

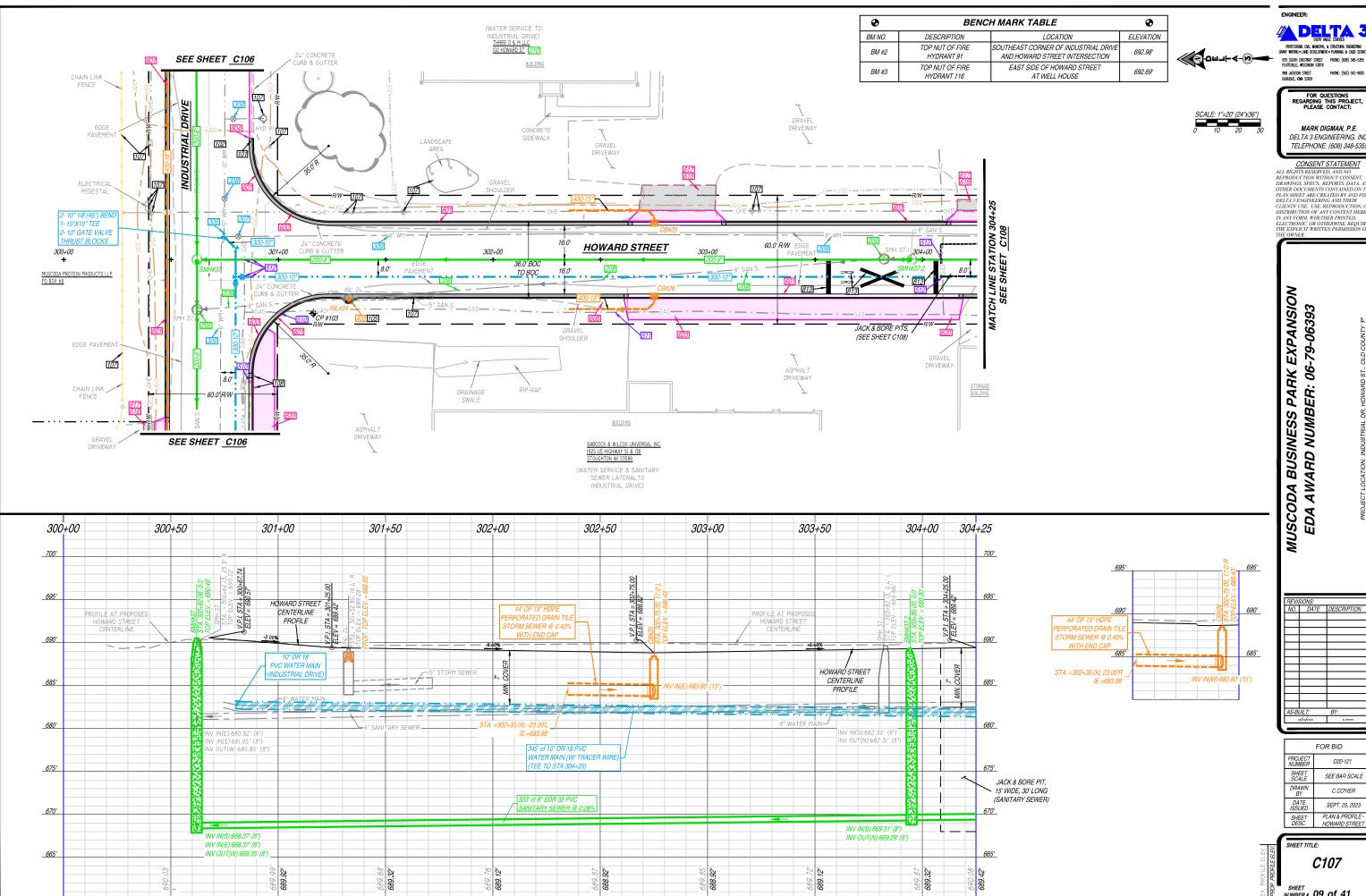
SHEET TITLE:

C104

SHEET NUMBER # 06 of 41







DELTA 3 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC.

TELEPHONE: (608) 348-5355

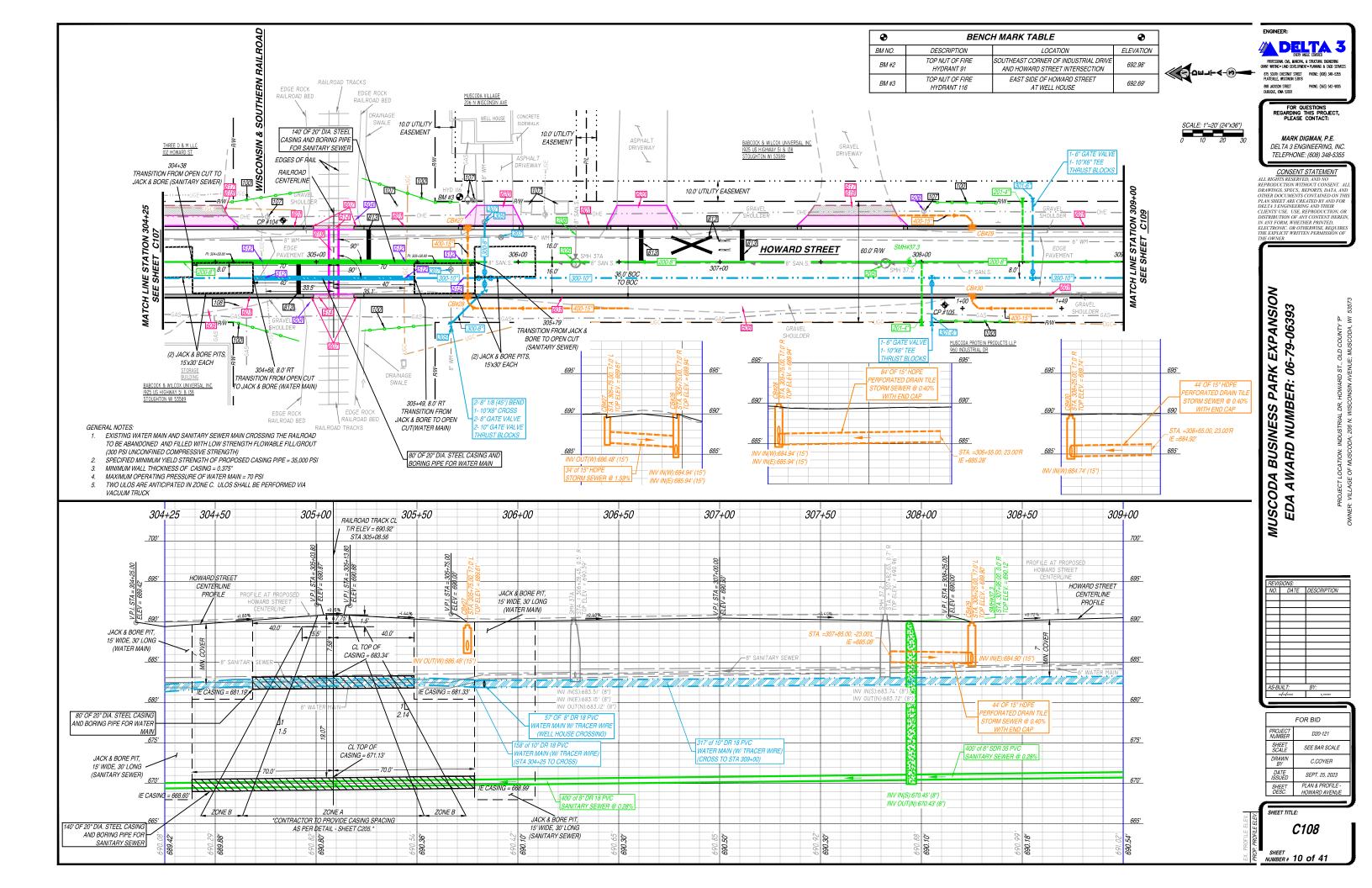
CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO ALL RIGHTS RESERVED, AND NO REPRODUCTION WITHOUT CONSENT. AL DRAWINGS, SPECS. REPORTS, DATA, AND TOTHER DOCUMENTS CONTAINED ON THE PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING, AND THER CLIENTS USE. USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN AND FORM. WHETHER PRINTED. ELECTRONIC, OR OTHERWISE. REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE OWNER.

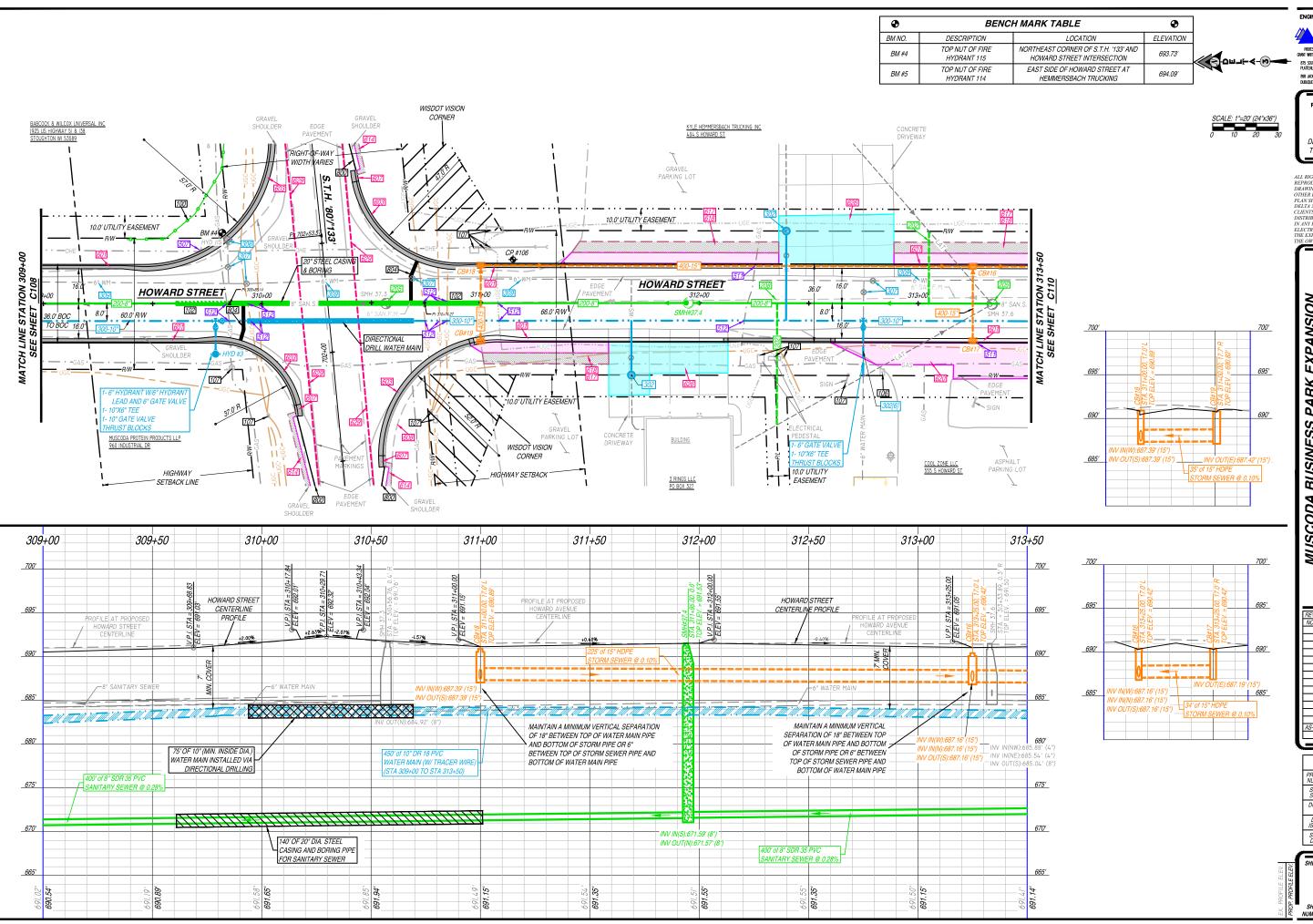
D20-121 SEE BAR SCALE C.COYIER SEPT. 25, 2023 PLAN & PROFILE -SHEET DESC. HOWARD STREET

SHEET TITLE:

C107

SHEET NUMBER # 09 of 41





FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MARK DIGMAN, P.E.
DELTA 3 ENGINEERING, INC.
TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS. SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. USE, REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF

NIC. OR OTHERWISE. LICIT WRITTEN PERMIS

MUSCODA BUSINESS PARK EXPANSIO EDA AWARD NUMBER: 06-79-06393

REVISIONS:
NO. DATE DESCRIPTION

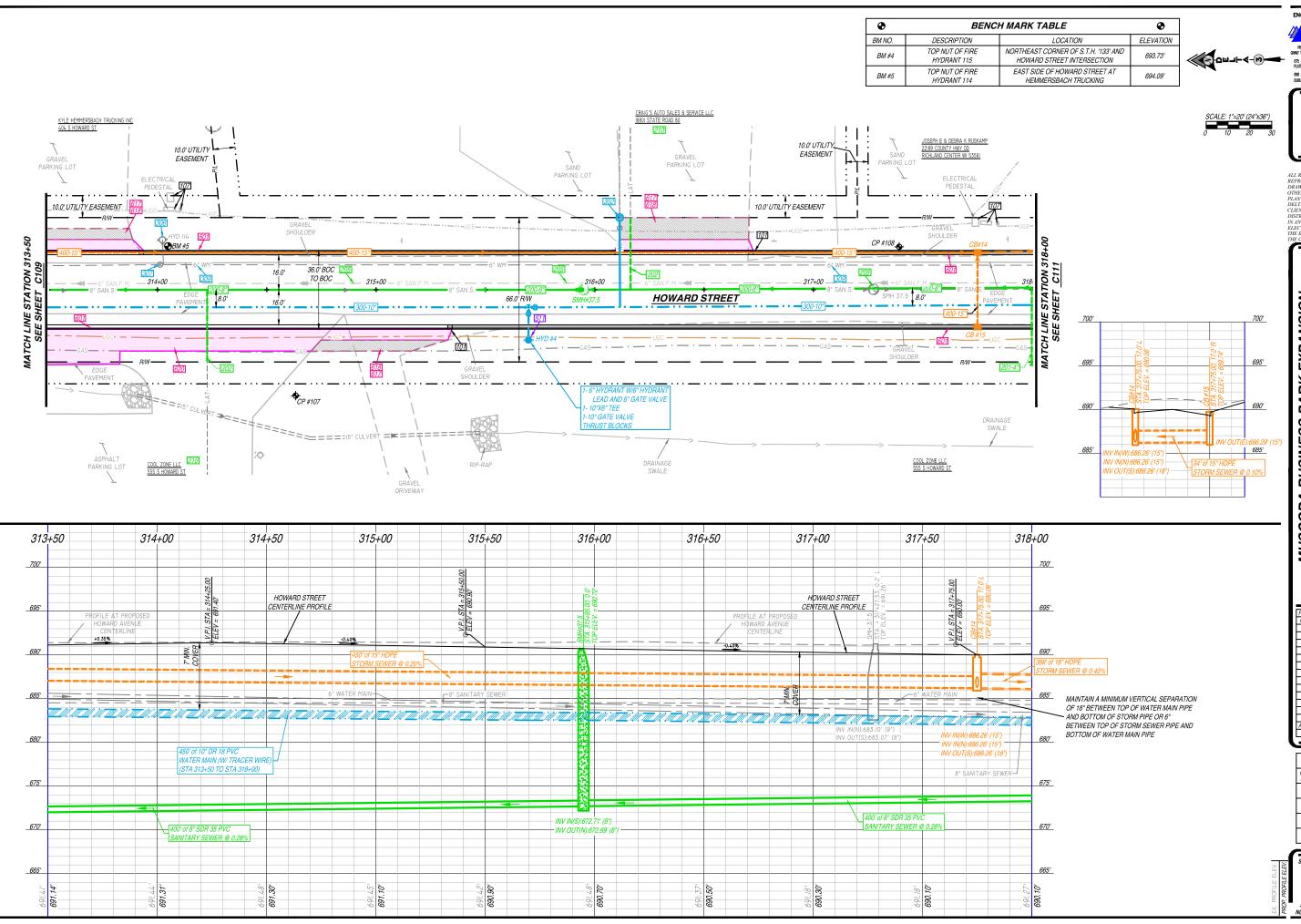
AS-BUILT: BY:

FOR BID		
ROJECT UMBER	D20-121	
SHEET SCALE	SEE BAR SCALE	
DRAWN BY	C.COYIER	
DATE SSUED	SEPT. 25, 2023	
SHEET DESC.	PLAN & PROFILE - HOWARD STREET	

SHEET TITLE:

C109

SHEET NUMBER # 11 of 41



DELTA 3 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9006 DUBUQUE, IONA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO

ALL RIGHTS RESERVED AND NO REPRODUCTION WITHOUT CONSENT A DRAWNGS SPECS. REPORTS DATA, AND THE ROOMEN'S CONTAINED ON THE POCUMEN'S CONTAINED ON THE PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THER CLIENTS USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREI IN ANY FORM. WHETHER PRINTED. ELECT POPULA SERVICE OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE OWNER.

MUSCODA BUSINESS PARK EXPANSIO EDA AWARD NUMBER: 06-79-06393

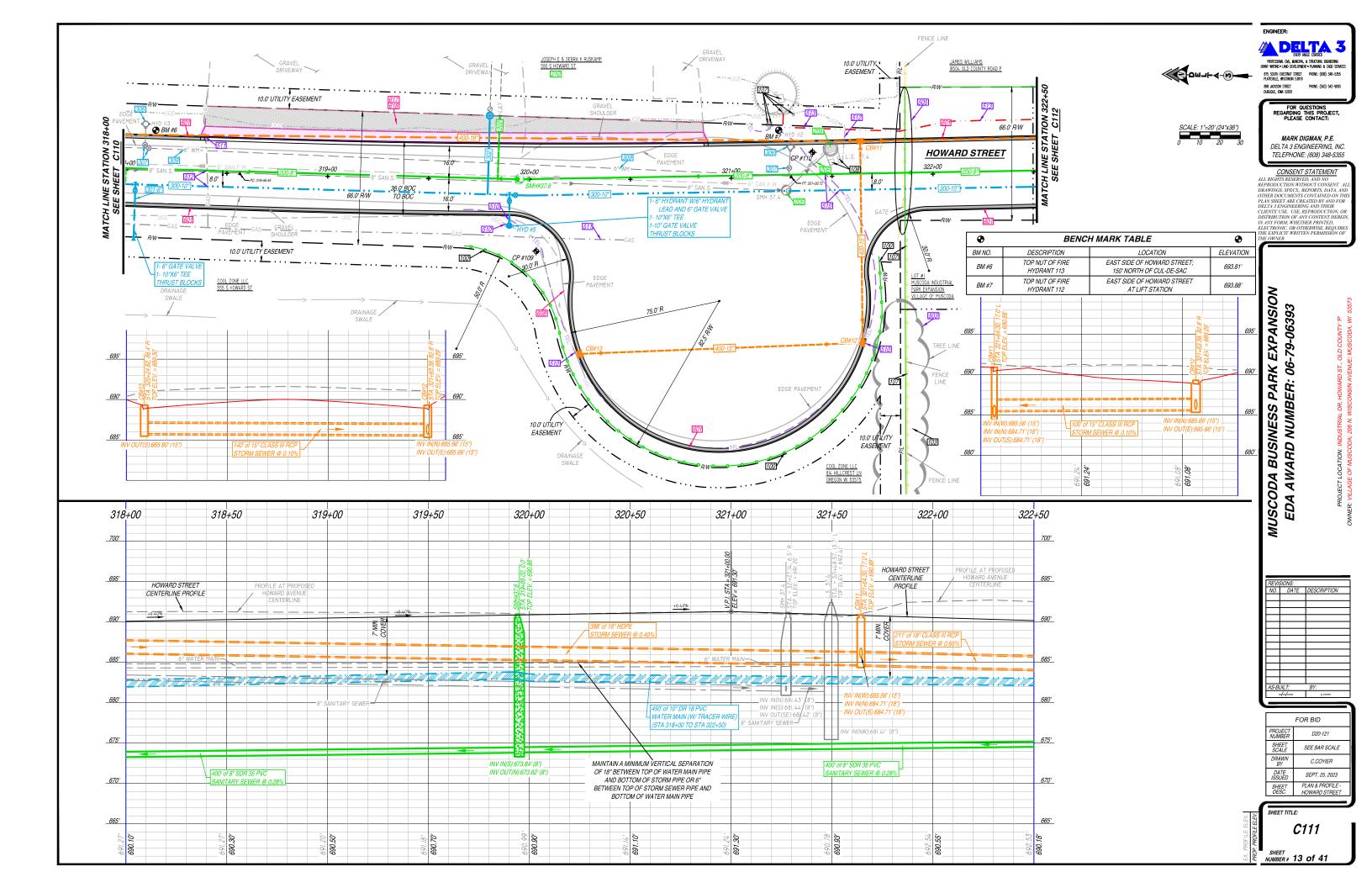
REVIS	SIONS:	
NO.	DATE	DESCRIPTION
AS-B	m T.	BY:
	JIL1: -//	B1:
	.,.,	,

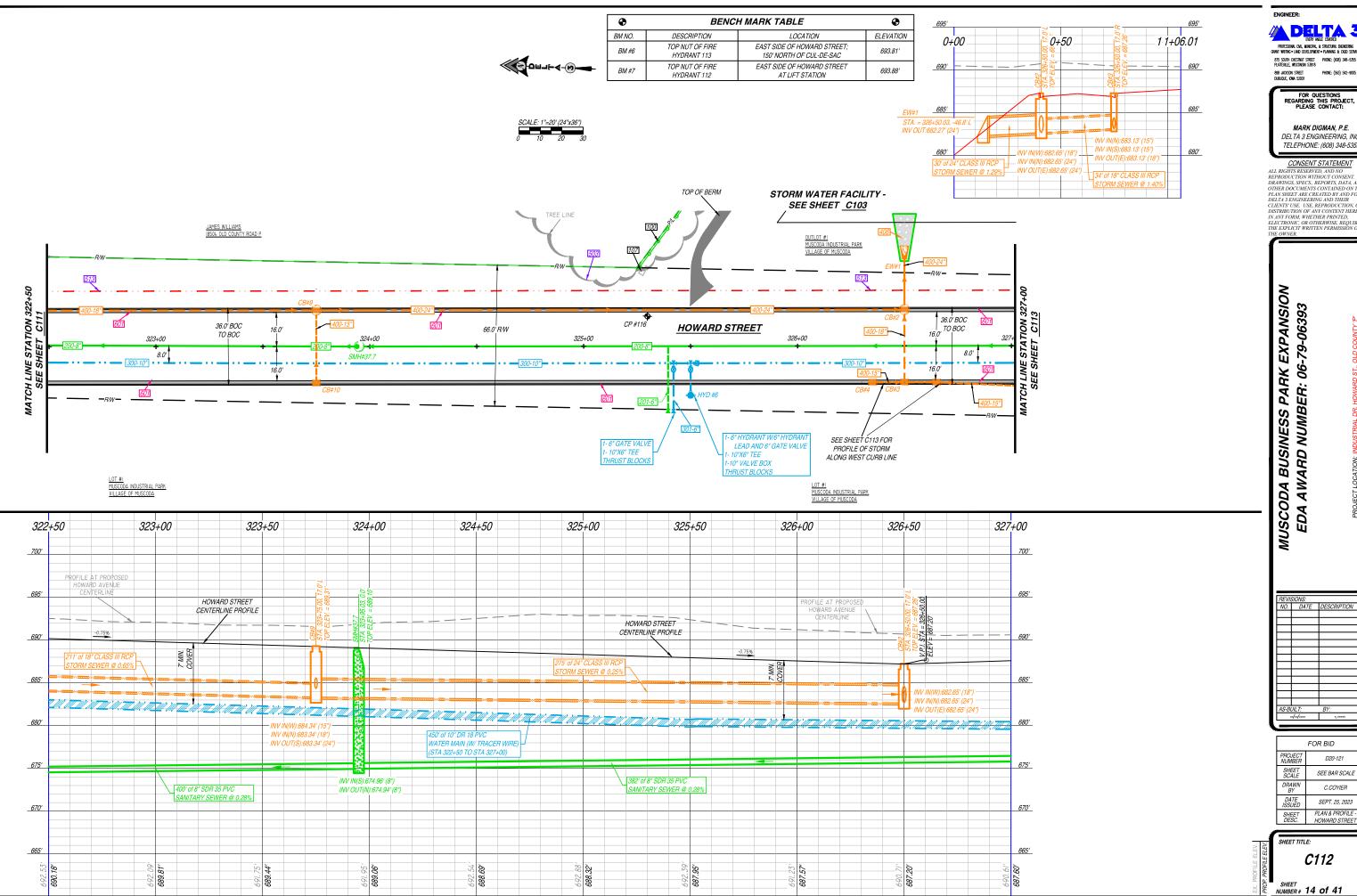
FOR BID		
D20-121		
SEE BAR SCALE		
C.COYIER		
SEPT. 25, 2023		
PLAN & PROFILE - HOWARD STREET		

SHEET TITLE:

C110

SHEET NUMBER # 12 of 41





DELTA 3 PROFESSIONAL CIVIL, MUNICIPAL, & STRUCTURAL ENGINEERING GRANT WRITING - LAND DEVELOPMENT - PLANNING & CADD SERVICE 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO

ALL RIGHTS RESERVED, AND NO REPRODUCTION WITHOUT CONSENT. AL DRAWINGS, SPECS. REPORTS, DATA, AND TOTHER DOCUMENTS CONTAINED ON THE PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING, AND THER CLIENTS USE. USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN AND FORM. WHETHER PRINTED. ELECTRONIC, OR OTHERWISE. REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

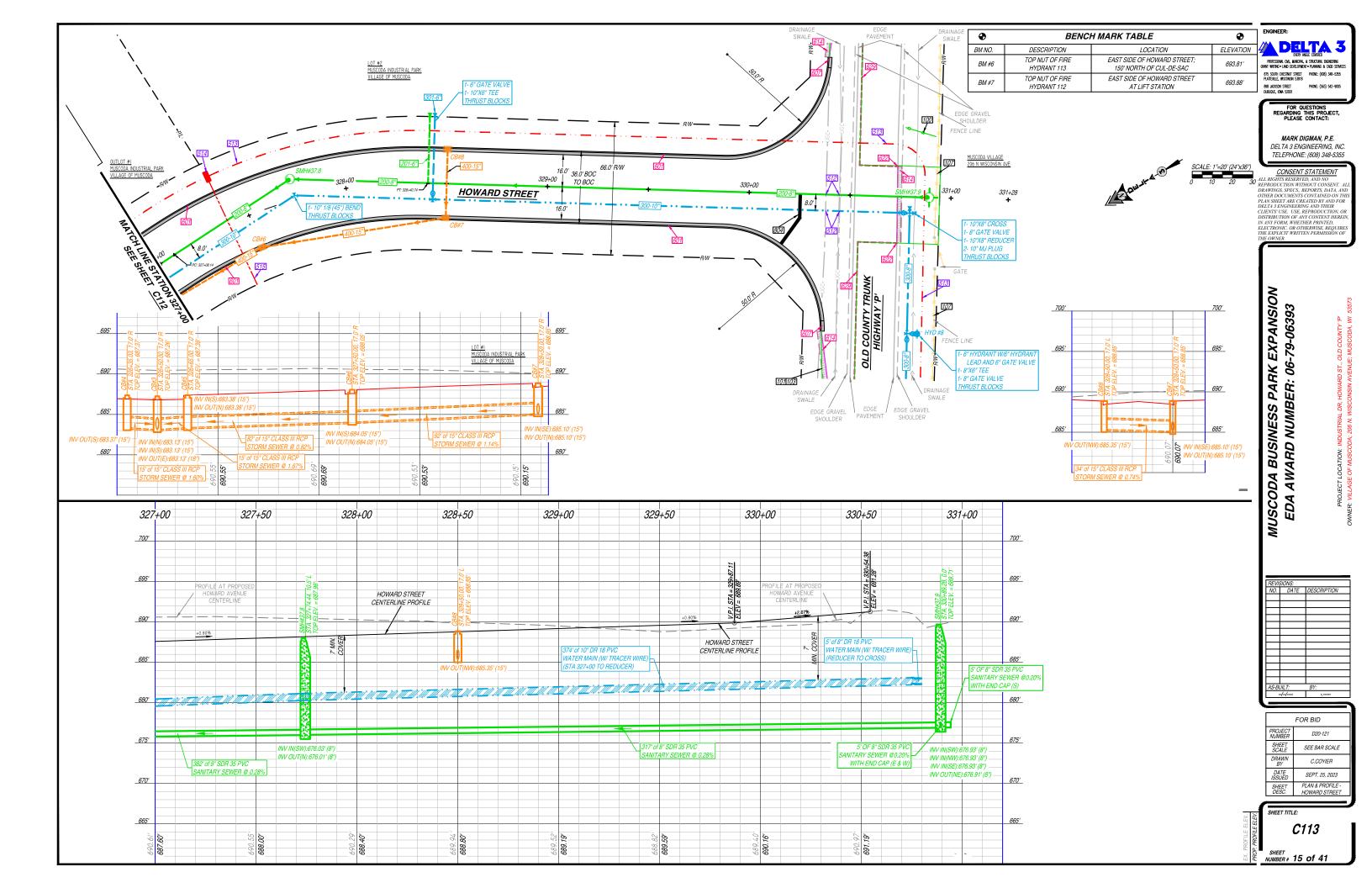
DEVIS	SIONS:	
		I DECODINETION
NO.	DATE	DESCRIPTION
		, and the second
AS-BI	JILT:	BY:
//		-,

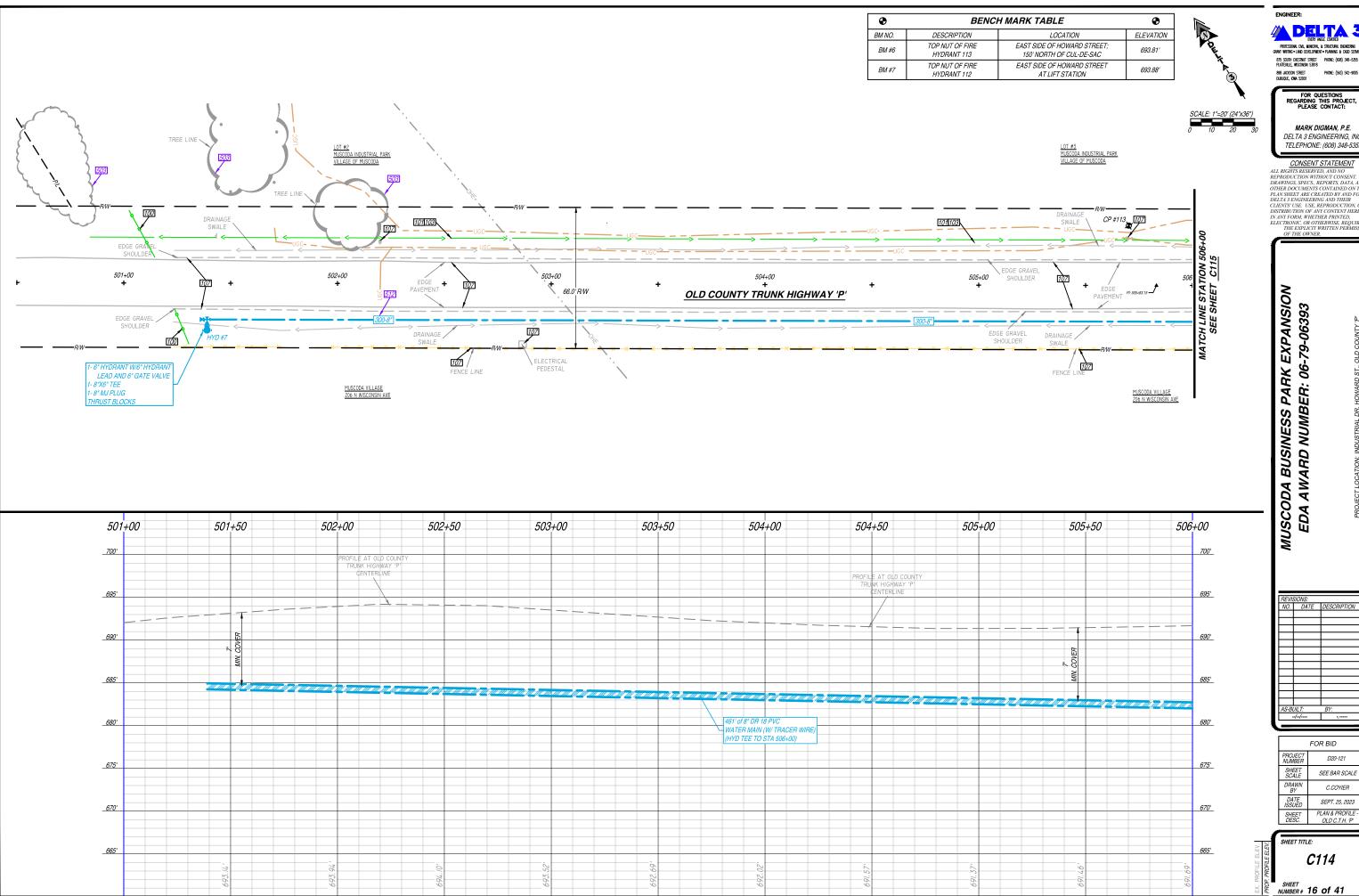
FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	SEE BAR SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	PLAN & PROFILE - HOWARD STREET

SHEET TITLE:

C112

SHEET NUMBER# 14 of 41





DELTA 3 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. AL
DRAWINGS, SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN
IN ANY FORM WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE. REQUIRES
THE EXPLICIT WRITTEN PERMISSIG.
OF THE OWNER.

FOR BID		
ROJECT UMBER	D20-121	
SHEET SCALE	SEE BAR SCALE	
DRAWN BY	C.COYIER	
DATE SSUED	SEPT. 25, 2023	
SHEET	PLAN & PROFILE -	

SHEET TITLE:

C114

SHEET NUMBER# 16 of 41

•	BENCH MARK TABLE		•
BM NO.	DESCRIPTION	LOCATION	ELEVATION
BM #6	TOP NUT OF FIRE HYDRANT 113	EAST SIDE OF HOWARD STREET; 150' NORTH OF CUL-DE-SAC	693.81'
BM #7	TOP NUT OF FIRE HYDRANT 112	EAST SIDE OF HOWARD STREET AT LIFT STATION	693.88'







MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. AL
DRAWINGS, SPECS, REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. USE, REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN
IN ANY FORM WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSIG.
OF THE OWNER.

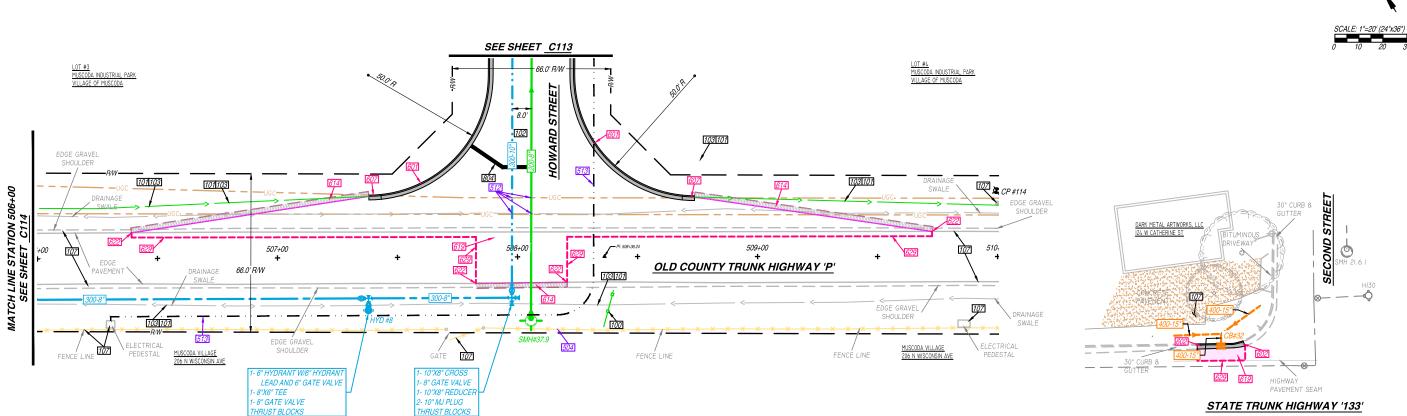
MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

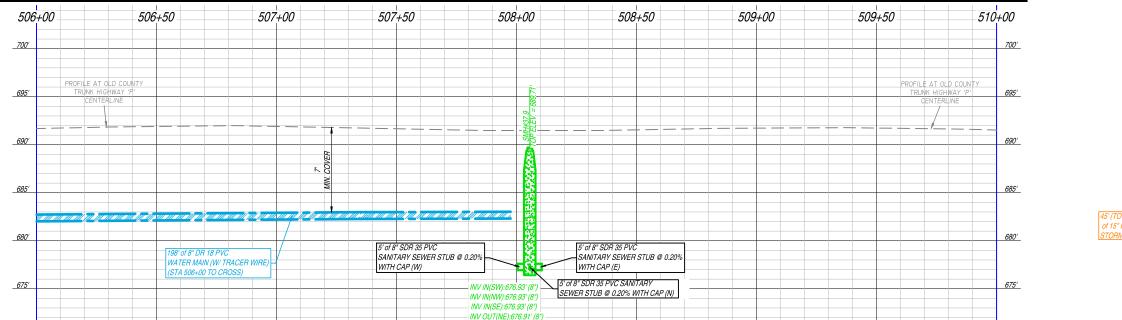
FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	SEE BAR SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET	PLAN & PROFILE -

SHEET TITLE:

C115

NUMBER # 17 of 41





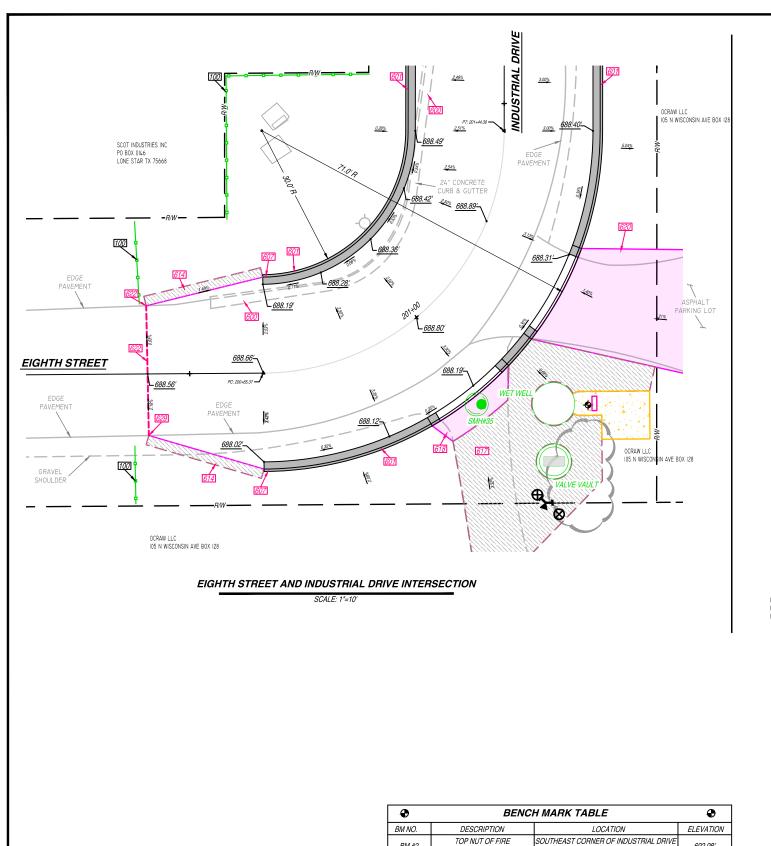
670'

665'

CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATIONS PRIOR TO ORDERING STRUCTURE _700' _*695'* 695' _690' _*685*′ 685' of 15" PERFORATED DRAIN TILE

670'

665'



BM #2

BM #3

HYDRANT 91

TOP NUT OF FIRE

HYDRANT 116

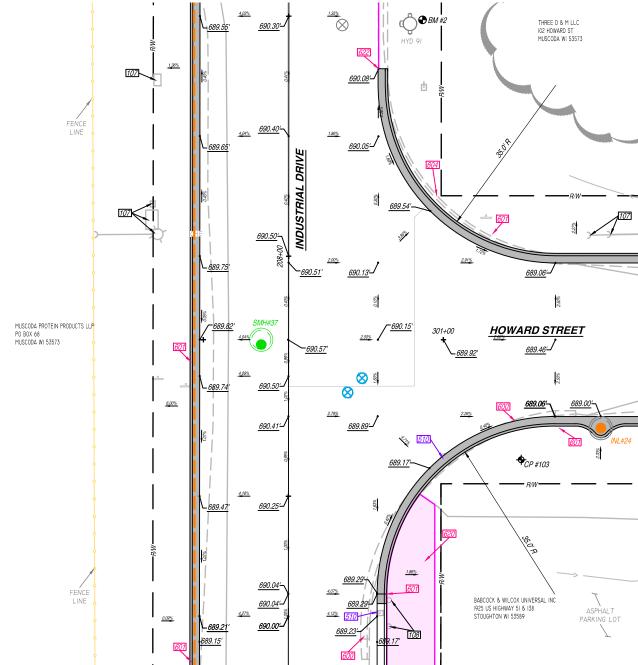
692.98'

692.69'

AND HOWARD STREET INTERSECTION

EAST SIDE OF HOWARD STREET

AT WELL HOUSE



INDUSTRIAL DRIVE AND HOWARD STREET INTERSECTION

1.35<u>%</u>

<u>690.30</u>'_

ENGINEER:

DELTA 3

898 JACKSON STREET DUBUQUE, IOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

ALL RIGHTS RESERVED, AND NO REPRODUCTION WITHOUT CONSENT. AL DRAWNGS SPECS. REPORTS DATA, AND THE ROLL OF THE ROCCUMENTS CONTAINED ON THE PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THER CLIENTS USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTRY HEREIN AND FORM WHETHER PRINTED. ELECTRONG OR OTHERWISE. REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE GWARE.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

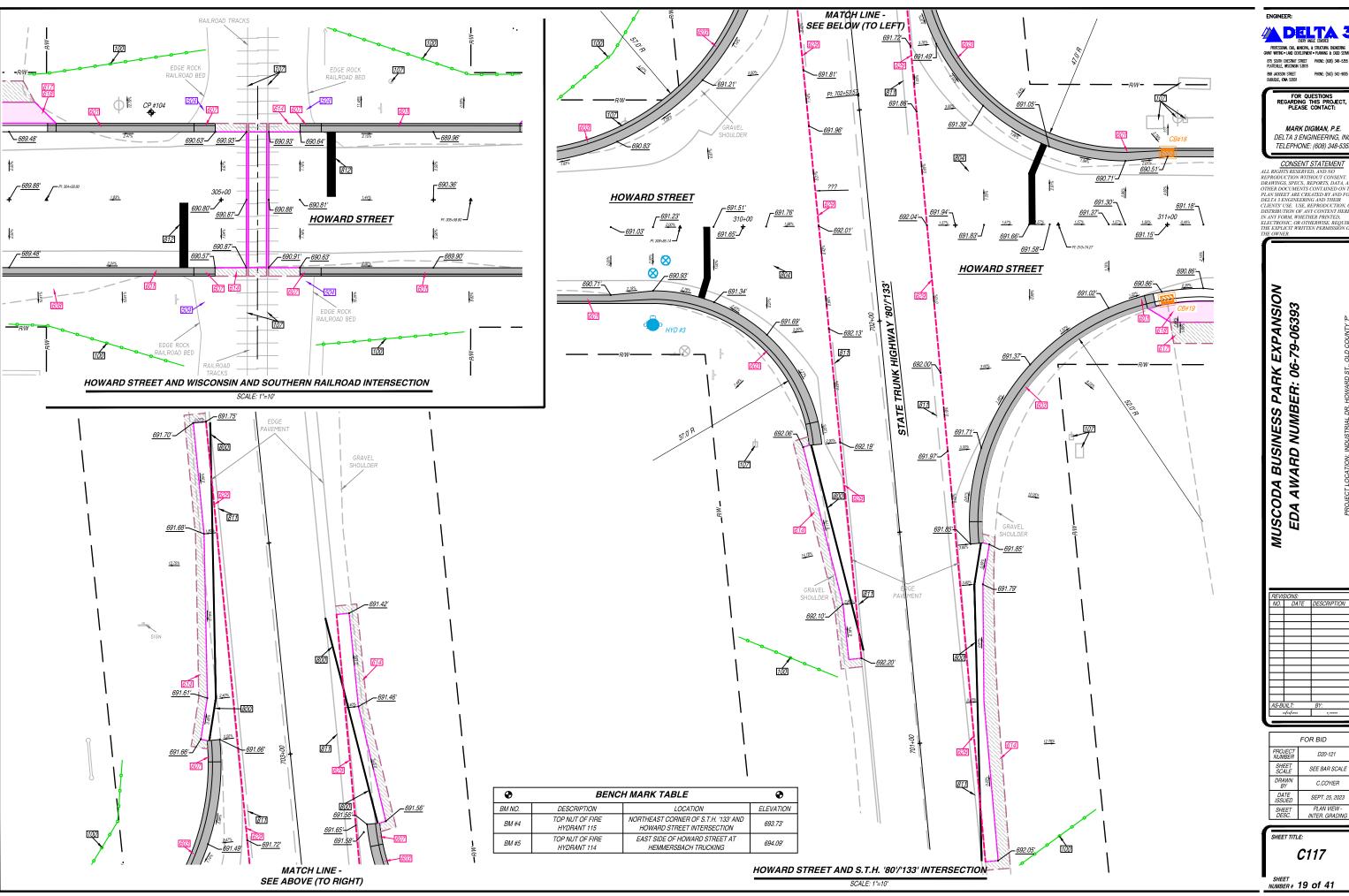
REVIS	SIONS:	
NO.	DATE	DESCRIPTION
\vdash		
AS-B	JILT:	BY:
	-//	-,
_		
_		

FOR BID		
PROJECT NUMBER	D20-121	
SHEET SCALE	SEE BAR SCALE	
DRAWN BY	C.COYIER	
DATE ISSUED	SEPT. 25, 2023	
SHEET DESC.	PLAN VIEW -	

SHEET TITLE:

C116

SHEET NUMBER # 18 of 41



ENGINEER: DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5356 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

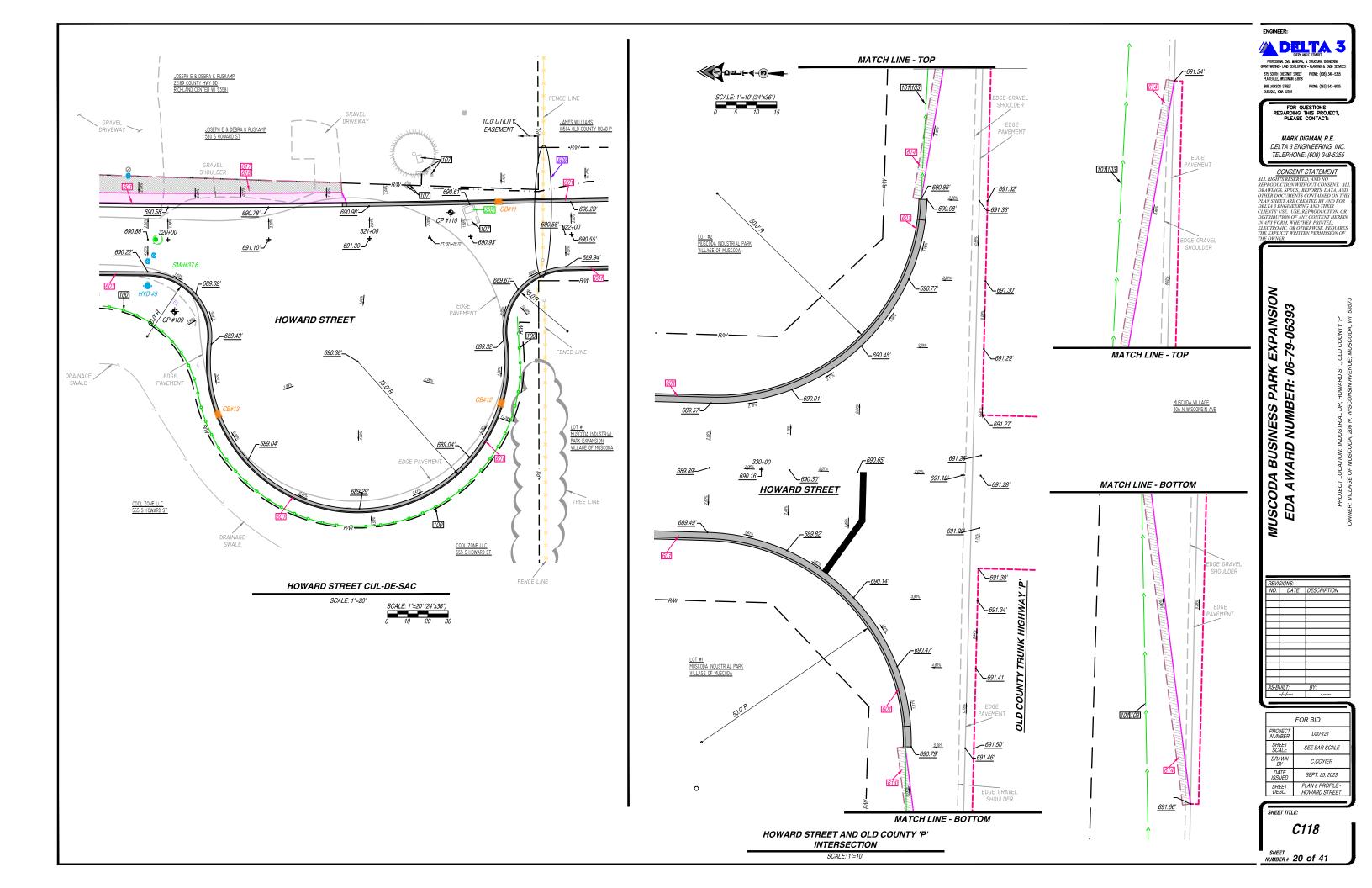
ALL RIGHTS RESERVED, AND NO REPRODUCTION WITHOUT CONSENT. A DRAWINGS, SPECS, REPORTS, DATA, AN OTHER DOCUMENTS CONTAINED ON TO PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR CLIENTS USE. USE. REPRODUCTION, O DISTRIBUTION OF ANY CONTENT HERE! IN ANY FORM, WHETHER PRINTED. ELECTRONIC OR OTHERWISE. REQUIRE ELECTRONIC OR OTHERWISE. REQUIRE

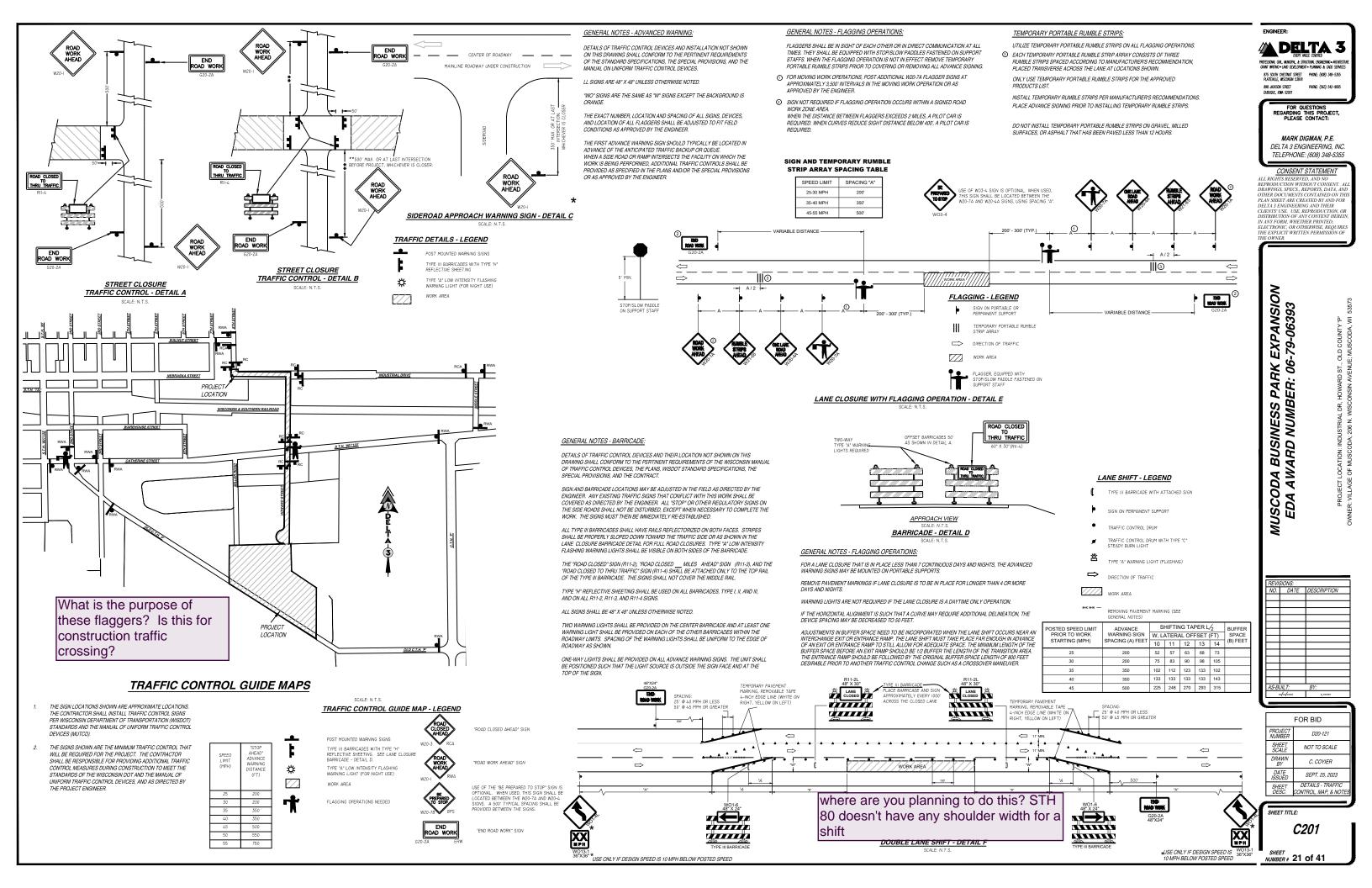
	FOR BID
PROJECT NUMBER	D20-121
SHEET SCALE	SEE BAR SCALE
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	PLAN VIEW - INTER. GRADING

SHEET TITLE:

C117

SHEET NUMBER# 19 of 41





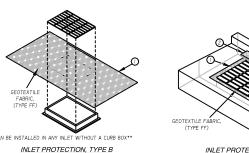


INSTALLATION DETAIL

EROSION CONTROL SEDIMENT LOG

NOTE:
SILT FENCE WILL NOT BE ALLOWED

Class



TRENCH DETAIL



INLET PROTECTION DETAILS

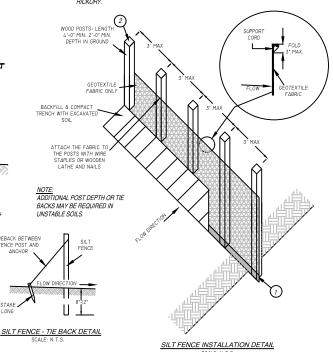
INSTALLATION NOTES:

TRIM EXCESS FABRIC IN THE FLOW TO WITHIN 3" OF GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET

DO NOT INSTALL PROTECTION TYPE D IN INLETS SHALLOWER THAN 30". MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3 OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERELOW HOLES, OF 3" WHERE NECESSARY. THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES. TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

GENERAL NOTES- SILT FENCE:
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL
CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (MOST CURRENT EDITION) AND THE APPLICABLE SPECIAL PROVISIONS.

- 1 TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ② WOOD POST SHALL BE A MINIMUM SIZE OF 1-1/8" X 1-1/8" OF OAK OR



SILT FENCE DETAILS

REGRADED DITCH DETAIL

PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND MULCH AND SEED.

4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MANUFACTURE'S RECOMENDED OVERLAP.

USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART TO SECURE BLANKETS.

2. BEGIN AT THE TOP OF THE SHOULDER (OR CHANNEL) BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL

AND COMPACT THE TRENCH AFTER STAPLING. B. ROLL THE BLANKETS DOWN (STARTING AT DOWNSTREAM PROCEEDING UPSTREAM) HORIZONTALLY ACROSS THE SLOPE.

WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH AN OVERLAF

6. IN HIGH CHANNEL APPLICATIONS, A STAPLE SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A ROW OF STAPLES 4'

THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE

APART OVER THE ENTIRE WIDTH OF THE CHANNEL PLACE A SECOND ROW 4" RELOW THE FIRST ROW IN A STAGERED PATTERN

EROSION MATTING NOTES:

TRENCH AFTER STAPLING.

GENERAL NOTES-INLET PROTECTION:

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

WOOD POST

Slope

Above Grade (inches) Mat Products

< 2% 2 to 5%

Table 1.

SEDIMENT LOG INSTALLATION REQUIREMENTS:
SEDIMENT LOG SPACING AND SIZING TO BE INSTALLED AS PER

SLOPE INTERRUPTION PRODUCTS TECHNICAL STANDARD 1071.

Fence Spacing

SILT FENCE - JOINING TWO LENGTHS DETAIL

| Max. Spacing (ft) per Product Class | Slope | I | II | III | IV | V | 0-2% | 30 | 30 | 55 | 75 | 100 |

ETS WITH CAST CURB BOX USE WOOD 2"X4 TEND 10" BEYOND GRATE WIDTH ON BOTH !

SILT FENCE - TRENCH DETAIL

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

INLET PROTECTION - TYPE D (CAN BE INSTALLED IN ANY INLET WITH OF A CURB BOX AS PER NOTE (2)

SCALE: N.T.S.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED

1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MIN. OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" O. ABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

3 FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4".

EROSION CONTROL NOTES:

- ENANCE MEASURES ARE ILLUSTRATED ON THE GRADING PLAN SHEETS. AFTER AWARD OF THE CONTRACT THE GENERAL CONTRACTOR SHALL INSTALL ALL BEST MANAGEMENT PRACTICES AS SHOWN ON THE GRADING PLAN SHEETS. THAT ARE REQUIRED TO BE INSTALLED PRIOR TO COMMENCING MASS GRADING. ONCE INSTALLED THE GENERAL CONTRACTOR SHALL CONTACT ENGINEER.
- ONCE NOTIFIED ENGINEER WILL VISIT THE SITE WITHIN 5 DAYS TO REVIEW THE SITE WITH THE GENERAL CONTRACTOR'S SUPERINTENDENT, UPON VISITING THE SITE THE ENGINEER AND THE GENERAL CONTRACTOR'S SUPERINTENDENT WILL REVIEW THE SITE FOR COMPLIANCE WITH THE EROSION CONTROL PLAN. IF AND WHEN ALL BEST MANAGEMENT PRACTICES REQUIRED TO COMMENCE SITE CONSTRUCTION ARE IN PLACE, THE ENGINEER AND PROJECT SUPERINTENDENT WILL SIGN AND CERTIFY THIS FACT. THIS REVIEW AND CERTIFICATION SHALL TAKE PLACE PRIOR TO THE REQUIRED PRE-CONSTRUCTION MEETING. THE SITE SUPERINTENDENT SHALL MAINTAIN AS BUILT COPY OF THE EROSION CONTROL PLAN ON SITE AT ALL TIMES. ANY ACTIVITIES INVOLVING INSTALLATION OF BEST MANAGEMENT PRACTICES SHALL BE INDICTED ON THE AS BUILT FLAN WITH AN INSTALLED IN ERCORDED IN PROMISTOR SHOW THE AS BUILT FLAN WITH PRACTICES. IF THE SITE MAP RECORDED IN FORMATION SHALL BE PRIMAMENT PLACED ON THE STET MAP INCLUDING VICTAMING TO THE BEST MANAGEMENT PRACTICES. IF THE SITE MAP BE COMES HARD TO READ THE INITIAL DRAWING SHALL BE SAVED AND A CLEAN COPY SHALL BE ISSUED IN ORDER TO CONTINUE RECORDING ANY ON SITE PROGRESSION CONTROL PLANS. ON-SITE EROSION CONTROL ACTIVITY.
- A COMPLETE COPY OF ALL INSPECTION REPORTS, PLAN REVISIONS, ETC., MUST BE RETAINED AT THE PROJECT SITE AT ALL TIMES DURING DURATION OF THE PROJECT AND KEPT IN THE PERMANENT PROJECT RECORDS FOR AT LEAST FIVE YEARS FOLLOWING SUBMISSION OF THE NOTICE OF TERMINATION (NOT)
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ALL SUB-CONTRACTORS INVOLVED IN GROUND DISTURBING ACTIVITY COMPLY WITH THE REQUIREMENTS
- DAILY INSPECTIONS BY THE PROJECT SUPERINTENDENT AND MONTHLY INSPECTIONS BY THE OWNERS CONSTRUCTION MANAGER MUST BE MADE TO DETERMINE THE EFFECTIVENESS OF THE FROSION CONTROL PLAN. THE GENERAL CONTRACTOR TO INSPECT EROSION AND SEDMENT CONTROLS WITHIN 24 HOURS AFTER A RAINFALL EVENT OF OS INCHES OR GREATER. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE EROSION AND SEDMENT CONTROL BEST MANAGEMENT PRACTICES AS NECESSARY WITHIN 24 HOURS OF INSPECTION.
- A WEEKLY STORM WATER MEETING WILL BE HELD BY THE GENERAL CONTRACTOR WITH ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED IN GROUND-DISTURBING ACTIVITIES TO REVIEW THE REQUIREMENTS OF GRADING PERMITS, THE EROSION CONTROL PLAN, AND ADDRESS ANY PROBLEMS THAT HAVE ARISEN IN IMPLEMENTING THE EROSION CONTROL PLAN OR MAINTAINING THE BMPS. CONTRACTOR SHALL MAINTAIN A LOG OF ALL WEEKLY MEETINGS AND DOCUMENT THE ISSUES ADDRESSED IN THE MEETINGS.
- ONCE THE SITE REACHES FINAL STABILIZATION, ALL PERMANENT EROSION AND SEDIMENTATION CONTROLS ARE INSTALLED AND ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE REMOVED. THE GENERAL CONTRACTOR AND OWNER MUST COMPLETE A FINAL SITE INSPECTION. UPON APPROVAL BY OWNER, THE OWNER AND GENERAL CONTRACTOR, AS APPLICABLE, MUST COMPLETE AND SUBMIT A NOTICE OF TERMINATION (NOT) FORM TO BE SUBMITTED TO THE WISCONSIN DEPARTMENT OF NATURAL
- A RECORD OF THE DATES WHEN MAJOR GROUND-DISTURBING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED MUST BE MANTAINED UNTIL THE NOT IS FILED. CONTROLS MUST BE IN PLACE DOWN GRADIENT OF GROUND-DISTURBING ACTIVITIES PHORIO TO THE COMMENCEMENT OF CONSTRUCTION.
- A LOG OF ALL INSPECTIONS BY FEDERAL, STATE, OR LOCAL STORM WATER OR OTHER ENVIRONMENTAL AGENCIES SHALL BE KEPT BY THE GENERAL CONTRACTOR. THE LOG SHALL INCLUDE THE DATE AND TIME OF VISIT AND WHETHER A REPORT WAS ISSUED OR WILL BE ISSUED AS A RESULT OF THE INSPECTION. ANY REPORTS ISSUED SHALL BE FAXED TO THE DELTA 3 ENGINEERING INC. 608-348-5455 (FAX).
- SOIL STABILIZATION THE PURPOSE OF SOIL STABILIZATION IS TO PREVENT SOIL FROM LEAVING THE SITE. IN THE NATURAL CONDITION, SOIL IS STABILIZED BY NATIVE VEGETATION. THE PRIMARY TECHNIQUE TO BE USED AT THIS PROJECT FOR STABILIZING SITE SOIL WILL BE TO PROVIDE A PROTECTIVE COVER OF TURF GRASS OR PAVEMENT
 - TEMPORARY SEEDING OR STABILIZATION AREAS MAY BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL SEED. STRAW MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKET. WHERE CONDITIONS ARE FAVORABLE, AREAS SHALL BE TEMPORARILY STABILIZED WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY CEASES. ALL DISTURBED GROUND WHERE THERE WILL NOT BE CONSTRUCTION FOR LONGER THAN 14 DAYS MUST BE SEEDED OR OTHERWISE
 - PERMANENT SEEDING OR SOD ALL AREAS AT FINAL GRADE MUST BE SEEDED OR SODDED WITHIN 3 DAYS AFTER COMPLETION OF THE MAJOR CONSTRUCTION ACTIVITY.
 EXCEPT FOR SMALL LEVEL SPOTS, SEEDED. AREAS SHOULD GENERALLY BE PROTECTED WITH MULCH. ALL AREAS TO BE SEEDED WILL ALSO HAVE TOPSOIL AND OTHER
 AMENDMENT AS STATED IN SPECIFICATION SECTION 02900-PLANTING.
 - MULCHING ALL AREAS THAT ARE TEMPORARY OR PERMANENT SEEDED SHALL BE MULCHED ACCORDING TO SECTION 627 MULCHING OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. ALL MULCH IS TO BE ANCHORED UTILIZING METHOD A, B, OR C.
 - (D) EROSION CONTROL FOR ANY SLOPES GREATER THAN 3:1 SLOPE EROSION MATTING IS REQUIRED.
- STRUCTURAL CONTROLS BEFORE ANY MAJOR GRADING ACTIVITIES, THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE INSTALLED ON THE PROPOSED SITE SILT FENCE,
 - SILT FENCE SILT FENCE IS A SYNTHETIC PERMEABLE WOVEN OR NON-WOVEN FABRIC TYPICALLY INCORPORATING WOODEN OR METAL SUPPORT STAKES AT INTERVALS SUFFICIENT TO SUPPORT THE FENCE, WAITER, AND SEDMENT RETAINED BY THE FENCE. SILT FENCE GAN ALSO BE INSTALLED WITH A WIRDE FENCE BACKING. THE FENCE IS DESIGNED TO RETAIN SEDMENT-LADEN WATER AND ALLOW STRILEMENT OF SUSPENDED SOUS SEPORE THE STORM WATER FLOWS THROUGH THE FABRIC FOR DISCHARGE DOWNSTREAM. SILT FENCE SHALL BE LOCATED AS SHOWN ON THE GRADING PLAN SHEETS. THE SILT FENCE TO BE INCLUDED FOR THIS PROJECT SHALL BE CONSTRUCTED PER WISCONSIN DNR TECHNICAL STANDARDS FOR SILT FENCE (CODE 1056).
- TEMPORARY TRACKING PAD ALL ACCESS POINTS FROM THE PUBLIC STREET INTO THE CONSTRUCTION SITE SHALL INCLUDE A TRACKING PAD COMPOSED OF COURSE STONE TO THE DIMENSIONS SHOWN ON DETAIL SHEET (C202). ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY
- STORM SEWER INLET PROTECTION CLIRR AND GRATED INLETS ARE PROTECTED FROM THE INTRUSION OF SILT AND SEDIMENT THROUGH A VARIETY OF SEDIMENT S IOHM SEWEN INLET PROTECTION—OUTDINA DURANTED MILETS ARE PROTECTED FROM THE WITHOUTDING STATE AND SEDMENT I FINDOUGH A VARIETY OF SEDMENT CONTRICE, PRACTICES TO ALLOW SETTLEMENT OF SUSPENDED SOILS BEFORE DISCHARIGING INTO THE STORM SEWER. GRATED INLETS TYPICALLY WICKLUPE A STURDY FRAME WRAPPED IN GEOTEXTILE FABRIC OR SEDMENT LOD FERMETER TO SLOW THE FLOW OF WATER AND ALLOW PONDING WHERE SEDMENT MAY SETTLE OUT. CURB WILETS TYPICALLY WICKLUPE SEDMENT LOD SARRIERS HELD IN PLACE WITH GEOTEXTILE FABRIC, OTHER MANUFACTURED PRODUCTS ARE ALSO AVAILABLE. ALL STORM DRAINS SHALL BE PROTECTED BY USING STRAW BALES, SEDMENT LOGS, FABRIC, OR EQUIVALENT BARRIER.
- FINAL SITE STABILIZATION IS ACHIEVED WHEN TURF GRASS COVER PROVIDES PERMANENT STABILIZATION FOR AT LEAST 70 PERCENT OF THE DISTURBED SOIL SURFACE,
- DUST CONTROL CONSTRUCTION TRAFFIC MUST ENTER AND EXIT THE SITE AT THE STABILIZED CONSTRUCTION EXIT. THE PURPOSE IS TO TRAP DUST AND MUD THAT WOULD OTHERWISE BE CARRIED OFF-SITE BY CONSTRUCTION SITE.

WATER TRUCKS OR OTHER DUST CONTROL AGENTS WILL BE USED AS NEEDED DURING CONSTRUCTION TO REDUCE DUST GENERATED ON THE SITE. DUST CONTROL
MUST BE PROVIDED BY THE GENERAL CONTRACTOR TO A DEGREE THAT IS ACCEPTABLE TO THE OWNERS CONSTRUCTION MANAGER, AND IN COMPLIANCE WITH
APPLICABLE LOCAL AND STATE DUST CONTROL REGULATIONS. AFTER CONSTRUCTION, THE SITE WILL BE STABILIZED (AS DESCRIBED ELSEWHERE), WHICH WILL REDUCE
THE ORDITAL TO DUST CONTROL TO.

SOLID WASTE DISPOSAL - NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, ARE ALLOWED TO BE DISCHARGED FROM THE SITE WITH STORM WATER. ALL SOLID WASTE, INCLUDING DISPOSABLE MATERIALS INCIDENTAL TO THE MAJOR CONSTRUCTION ACTIVITIES, MUST BE COLLECTED AND PLACED IN CONTAINERS. THE CONTAINERS WILL BE EMPTIED AS NECESSARY, BY A CONTRACT TRASH DISPOSAL SERVICE AND HAULED AWAY FROM THE SITE. THE LOCATION OF SOLID WASTE RECEPTACLES SHALL BE SHOWN ON THE EROSION CONTROL PLAN.

SUBSTANCES THAT HAVE THE POTENTIAL FOR POLLUTING SURFACE AND/OR GROUNDWATER MUST BE CONTROLLED BY WHATEVER MEANS NECESSARY IN ORDER TO ENSURE THAT THEY DO NOT DISCHARGE FROM THE SITE. A AN EXAMPLE, SPECIAL CARE MUST BE EXERCISED DURING EQUIPMENT FUELING AND SERVICING OPERATIONS. IF A SPILL OCCURS, IT MUST BE CONTAINED AND DISPOSED SO THAT IT WILL NOT FLOW FROM THE SITE OR ENTER GROUNDWATER, EVEN IF THIS REQUIRES REMOVAL. TREATMENT, AND DISPOSAL OF SOIL. IN THIS REGARD, POTENTIALLY POLLUTING SUBSTANCES SHOULD BE HANDLED IN A MANNER CONSISTENT WITH THE IMPACT THEY

- SANITARY FACILITIES ALL PERSONNEL INVOLVED WITH CONSTRUCTION ACTIVITIES MUST COMPLY WITH STATE AND LOCAL SANITARY OR SEPTIC SYSTEM REGULATIONS.
 TEMPORARY SANITARY FACILITIES WILL BE PROVIDED AT THE SITE THROUGHOUT THE CONSTRUCTION PHASE. THEY MUST BE UTILIZED BY ALL CONSTRUCTION PERSONN AND MUST BE SERVICED BY A COMMERCIAL OPERATOR.
- MUST ORIGINATE FROM A PUBLIC WATER SUPPLIER, OR PRIVATE WELL APPROVED BY THE STATE HEALTH DEPARTMENT. WATER USED FOR CONSTRUCTION THAT DOES NOT ORIGINATE FROM AN APPROVED PUBLIC SUPPLY MUST NOT DISCHARGE FROM THE SITE. IT CAN BE RETAINED IN THE PONDS UNTIL IT INFILTRATES AND EVAPORATES.
- CONCRETE WASTE FROM CONCRETE READY-MIX TRUCKS DISCHARGE OF EXCESS OR WASTE CONCRETE AND/OR WASH WATER FROM CONCRETE TRUCKS WILL BE ALLOWED ON THE CONSTRUCTION SITE, BUT ONLY IN SPECIFICALLY DESIGNATED DIKED AREAS PREPARED TO PREVENT CONTACT BETWEEN THE CONCRETE ANDIOR WASH WATER AND STORM WATER THAT WILL BE DISCHARGED FROM THE SITE. ALTERNATIVELY, WASTE CONCRETE CAN BE PLACED INTO FORMS TO MAKE RIP-RAP OR OTHER USEFUL CONCRETE PRODUCTS. THE CURED RESIDUE FROM THE CONCRETE WASHOUT DIKED AREAS SHALL BE DISPOSED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS. THE JOB SITE SUPERINTENDENT IS RESPONSIBLE FOR ASSURING THAT THESE PROCEDURES ARE FOLLOWED.
- FUEL TANKS TEMPORARY ON-SITE FUEL TANKS FOR CONSTRUCTION VEHICLES SHALL MEET ALL STATE AND FEDERAL REGULATIONS. TANKS SHALL HAVE APPROVED SPILL CONTAINMENT WITH THE CAPACITY REQUIRED BY THE APPLICABLE REGULATIONS. THE TANK SHALL BE IN SOUND CONDITION FREE OF RUST OR OTHER DAMAGE WHICH MIGHT COMPROMISE CONTAINMENT. HOSES, VALVES, FITTINGS, CAPS, FILLER NOZZLES, AND ASSOCIATED HARDWARE SHALL BE MAINTAINED IN PROPER WORKING
- PRIOR TO COMMENCING SITE MASS GRADING, THE GRADING CONTRACTOR SHALL COMPLETE A PLAN OF AREAS THAT WILL BE UTILIZED FOR EARTH MATERIAL STOCKPILING, AND A PLAN FOR PROVIDING SUITABLE EROSION CONTROL MEASURES. THE LOCATION OF THE STOCKPILES SHALL NOT BE WITHIN 20' OF A DRAINAGE SWALE (EXISTING, TEMPORARY, OR PROPOSED) OR WITHIN 20' OF THE PROPOSED PONDS. THE PLAN ALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL. TEMPORARY SEEDING SHALL BE PROVIDED FOR ALL STOCKPILED MATERIAL PER NOTE 9 (A). A LOCAL PERIMETER CONTROL SHALL BE PLACE AROUND THE DOWNSTREAM SIDE OF ALL STOCKPILES. THE PERIMETER CONTROL SHALL BE PLACED 10' FROM THE BOTTOM OF THE STOCKPILE SLOPE. LOCAL PERIMETER CONTROL TO BE SILT FENCE UNLESS AN ALTERNATE IS APPROVED BY THE
- MINIMIZING EROSION AND RUNOFF DURING TRENCH OPERATIONS
 - EXCAVATED TRENCH MATERIALS SHALL BE PLACED ON THE UPPER SIDE OF THE TRENCH WHILE THE TRENCH IS OPEN.
 - EXCAVATED TRENCH MATERIAL, UPON COMPLETING WORK IN TRENCH, SHALL BE PLACED BACK IN THE TRENCH OR HAULED AWAY TO A PROPER SPOIL SITE. THE TRENCH SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY.

DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 PHONE: (563) 542-9005 898 JACKSON STREET DUBUQUE, IONA 52001 FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MARK DIGMAN P.F. DELTA 3 ENGINEERING INC

TELEPHONE: (608) 348-5355

PLAN SHEET ARE CREATED BY AND FO CLIENTS' USE. USE, REPRODUCTION, O HE EXPLICIT WRITTEN PERMISSION O

> 79-06393 EXPANSI PARK E ER: 06-; INESS PAR NUMBER: (DA BUSII AWARD I SCO EDA

D20-121 NOT TO SCALE DRAWN C.COYIER SEPT. 25, 2023 DETAILS - EROSIC SHEET DESC. CONTROL & NOTES

SHEET TITLE

C202

NUMBER # 22 of 41

CHANNEL EROSION CONTROL MATRIX

(Concentrated Flow Application)

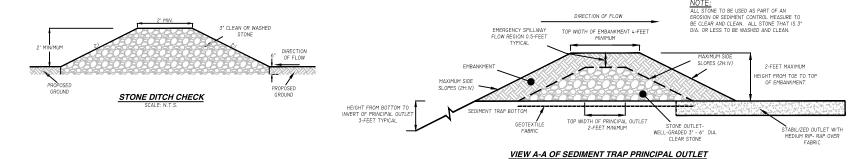
	BLE AB.F.								CH GR								
TYPE OF EROSION	188		< 2%			Z% - 4º			4% - 6			% - 9%			% - 129		
CONTROL DEVICE	PERMISSIBLE SHEAR LB/B.F.	300	Lengt	h (ft.)	Mto 300	Lengt	h (ft.) 1200	200	Lengt	1200	Mex 200	Lengt	h (ft.)		Lengt 600	h (ft.)	REMARKS
Seed with properly anchored mulch	0,6	-	-	-			-	-								$\overline{}$	Anchor mulch per specifications.
Sod ditch checks with seed and mulch	N/A	_	_	_		С											Install one ditch check for every 1 foot of drop. Sod stakes required.
Temporary ditch checks (hay beles or approved manufactured alternatives listed in the WisDOT PAL)	N/A		F				H	1									Install one ditch check for every 2 feet of drop. Modinum 20 spacing. Not recommended for slopes less than 1%.
Sod ditch liner	1.0																Upstream end must be buried. Additional sod stakes required.
Double netted light duty (WisDOT Class I Type B) erosion mat	1.5	_	_			-	1		•								Only mat type products allowed.
Sod reinforced with a double netted use (WisDOT Class II Type A) erosion met	1,5	_		7.		-											Upstream end must be buried. Additional sod stakes required Two bid items needed.
Stone or rock diich checks, or Rock- Filled Filter Bags	N/A							_									Use No. 2 coarse aggregate, rallroad ballest, or breaker run. Install one ditch check for every 2 feet of drop. Use in conjunction with a channel lining.
Medium duty coconut erosion met (WisDOT Class II Type B or C)	2,0				_	_	_			3							
Heavy duty synthetic (WIsDOT Class III Type A) erosion mat or turf reinforcement mat (WIsDOT Class III Type B)	2.0																Germination may be a problem with Class III Type A mats. An ECRM is required for initial erosion protection for Class III Type B mats.
Heavy duty synthetic turf reinforcement (WisDOT Class III Type D) mat	3.5							-									An ECRM is required for initial erosion protection. Contact manufacturer if higher shears are needed.
Riprap ditch checks	N/A										_	_	_				Piace top of downstream ditch check level with bottom of upstream ditch check. Use in conjunction with a channel lining.
Heavy duty synthetic turf reinforcement (Class III Type D) mat	5													-	_	_	An ECRM is required for initial erosion protection. Contact manufacturer If higher shears are needed.
Light riprap	4	-			-						-		•				Outfalling, overlooping and scour need to be
Medium riprap	5	-										•••					addressed. Use 2' minimum ditch depth.
Heavy riprap	8	-	-			-	-				-		-	-	-	-	

NOTE: CONTRACTOR SHALL INSTALL CHANNEL AND SLOPE EROSION CONTROL TO MEET THE REQUIREMENTS OF THE EROSION CONTROL MATRICES

SLOPE EROSION CONTROL MATRIX

Γ	_								RI	OPE							_		
TYPE OF EROSION	6:1	or flatt	or (7)		4:1		т –	3:1	- OL	Ť	2.5:1		1	2:1			1:1		1 1
CONTROL			NGTH	SLC	PELE	NGTH	SLO	PELE	NGTH	SLO	PE LE	IGTH	SLO	PE LEI	HTDM	SLO	PELE	NGTH	1
	0 - 30	30 - 60	120 - 12	0 - 30	30 - e0	90 - 120	0 - 20	30 - 60	50 - 120	0-30	30 - 80	00 - 12C	0-30	30 - 80	60 - 120	0 - 30	30 - 60	99 - 120	REMARKS
Seed with properly anchored mulch	_	_	-	-	H	F	F	F	Г						П			Г	
Single netted light duty (WisDOT Class I Type A) erosion mat							F												
Light duty single netted 100% biodegradooble (MeDOT Urban Type A) erosion met	_		-			-													Use only 100% blodegradeable anchore for urban mats.
Light duty double netted 100% biodegradeable (WisDOT Urben Type B) erosion met	-		-			-													Use only 100% biodegradeable enchora for urban mata.
Bonded Mulch (WisDOT Type A Sol Stabilizer)	-					-		-											May be applied over Class III Type B, C, or D mate in piece of erosion control revegetation mate.
Polymer (WaDOT Type B Soil Stabilizer)	Used a 3:1	in con slope.	junction Ştand	n with enols	other B use ap	MPs et propria	fective to for e	up to serther	a 2:1 si stock	lope. N plies, t	lot effer empore	tive in ry, and	sand. I iste se	nectW noses	used a applicat	lone e lons	Mective	up to	
Double netted light duty (WtsDOT Class I Type B) erosion must		_			L							Ø		Γ					
Class I Type B) erosion max	_		<u> </u>						L	L.,		2						<u> </u>	
Sod	-						⊢	_	_	_	_	(S)	⊢	ł				1	
Medium duty coconut erceion mat (WaDOT Class II Type B or C)				_		_	-		_	_		_	_	_	Г				
Sod reinforced with a double netted jute (WisDOT Class II Type A)												0				Т			Sod stakes required. Two bid items
eroeion mat	_			_								⊗			[:		1		needed.
Heavy duty synthetic erosion control revecetation met (WeDOT Class III)		_		_															Germination may be a problem with
Type A)	_	_	-	<u> </u>				_		<u> </u>				_			_		Class III Type A mats
Riprep			-								-				_	1	l		Angle of repose must be considered, see FDM Chapter 13.
Heavy duty synthetic turf	L				L														A soil stabilizer or ECRM will be
reinforcement (WisDOT Class III ' Type B or C) mat			_	T -					_								Ī		required for Initial erosion protection.
Heavy duty synthetic turf	L	L		L	L.,	L													A soil stabilizer or ECRM will be
reinforcement (WisDOT Class III Type D) mat						_													required for initial erosion protection.
Slope paying or grouted riprap																_	_		Consider clear zone requirements.
				_															as overflow areas near bridges.

NOTE: CONTRACTOR SHALL INSTALL CHANNEL AND SLOPE EROSION CONTROL TO MEET THE REQUIREMENTS OF THE EROSION CONTROL MATRICES



SIDE-SLOP

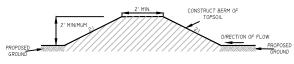
HEIGHT FROM BOTTOM TO PRINCIPAL OUTLET INVERT (3-FEET TYPICAL)

NOTES:

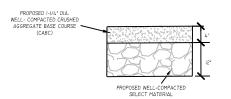
) SIDE-SLOPES AND FACES OF EARTHEN EMBANKMENT AROUND OUTLET SHALL BE ARRORED WITH 6-12**
RIP-RAP TO THE DIMENSIONS PROVIDED IN THE SEDIMENT TRAP TABLE (SHEET #2).

**EMPRARY SEED AND MULCH SHALL BE INSTALLED

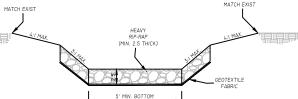
CROSS-SECTION VIEW OF SEDIMENT TRAP PRINCIPAL OUTLET SCALE: N.T.S.

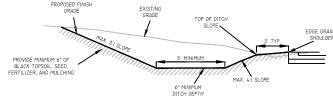


DIVERSION BERM DETAIL



STAGING AREA DETAIL SCALE: N.T.S.





ENGINEER:

A DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET DUBUQUE, KNAA 52001 PHONE: (563) 542-9005

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. AL
DEAWNOR, SPECS. REPORTS, DATA. AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THER
CLIENTS USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE CYPLICIT WRITTEN PERMISSION OF
THE OWNER.

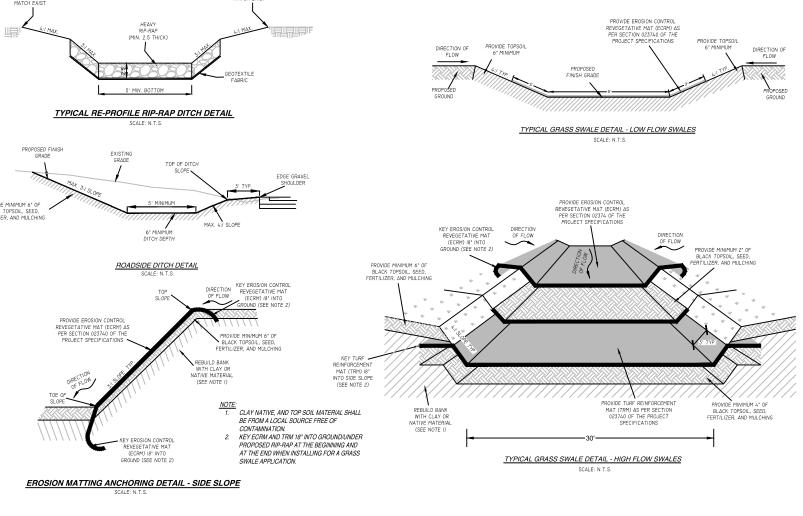
MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

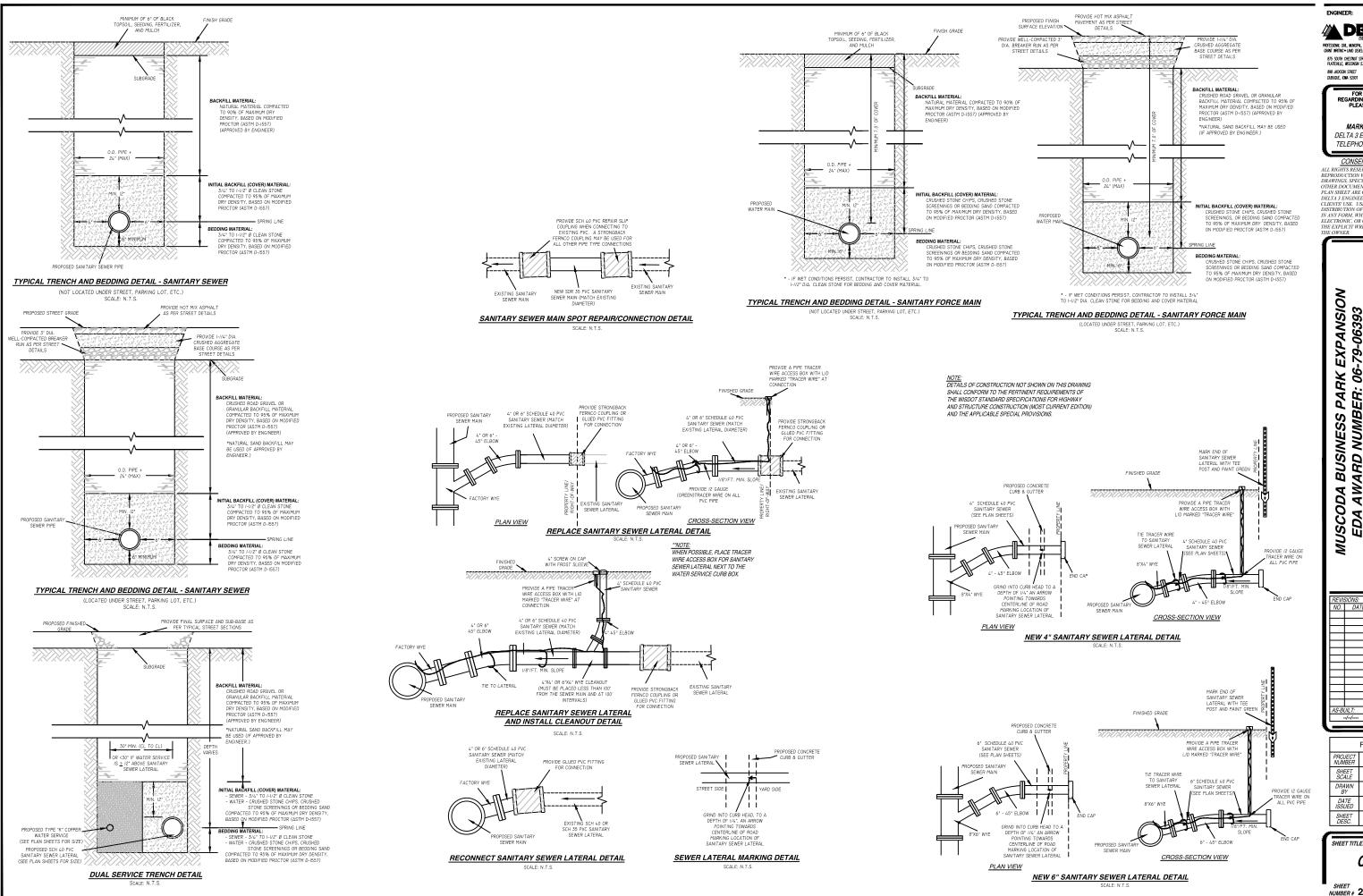
PROJECT NUMBER D20-121 SHEET SCALE NOT TO SCALE DRAWN BY C. COYIER DATE ISSUED SEPT. 25, 2023 DETAILS - EROSION CONTROL & NOTES SHEET DESC.

SHEET TITLE:

C203

SHEET NUMBER # 23 of 41





A DELTA 3 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

PHONE: (563) 542-9005 FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

> MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, OF THE EXPLICIT WRITTEN PERMISSION OF

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

D20-121 NOT TO SCALE C.COYIER SEPT. 25, 2023 DETAILS - SANITAR SEWER SYSTEM

SHEET TITLE:

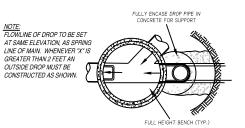
C204

NUMBER # 24 of 41

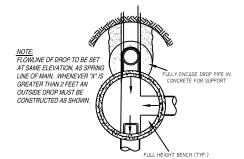
		7	TABLE A - SANIT	TARY STRUC	CTURES			
STRUCTURE NUMBER:	STA./LOCATION:	TYPE/SIZE:	CASTING TYPE:	TOP ELEV.:	INV. OUT ELEV.:	DEPTH:	FRAME/CHIMNEY:	DROP MANHOLE:
SMH#35	200+98.64, 2I.98' R	4.0' DIA. PRECAST	R-I550*	688.28'	(S) 666.36'	21.92'	INTERNAL/EXTERNAL	YES
SMH#36	204+00.00, 5.68' L	4.0' DIA. PRECAST	R-I550*	689.01'	(W) 667.26'	21.75'	INTERNAL/EXTERNAL	NO
SMH#37	207+82.59, 5.68' L	4.0' DIA. PRECAST	R-I550*	690.49"	(W) 668.35'	22.14'	INTERNAL/EXTERNAL	NO
SMH#37.09	208+97.56, 6.II' L	4.0' DIA. PRECAST	R-I550*	689.86'	(W) 668.69'	21.17'	INTERNAL/EXTERNAL	YES
SMH#37.2	303+95.00, 0.00'	4.0' DIA. PRECAST	R-I550*	689.30'	(N) 669.29'	20.01'	INTERNAL/EXTERNAL	NO
SMH#37.3	307+95.00, 0.00' R	4.0' DIA. PRECAST	R-I550*	690.12'	(N) 670.43'	19.69'	INTERNAL/EXTERNAL	NO
SMH#37.4	311+95.00, 0.00'	4.0' DIA. PRECAST	R-I550*	691.531	(N) 671.57'	19.961	INTERNAL/EXTERNAL	NO
SMH#37.5	315+95.00, 0.00'	4.0' DIA. PRECAST	R-I550*	690.72'	(N) 672.69'	18.03'	INTERNAL/EXTERNAL	NO
SMH#37.6	319+95.02, 0.00'	4.0' DIA. PRECAST	R-I550*	690.88'	(N) 673.82'	17.06'	INTERNAL/EXTERNAL	NO
SMH#37.7	323+95.03, 0.00'	4.0' DIA. PRECAST	R-I550*	689.10'	(N) 674.94'	14.16"	INTERNAL/EXTERNAL	NO
SMH#37.8	327+74.44, 10.49' L	4.0' DIA. PRECAST	R-1550*	687.98'	(N) 676.01'	11.97'	INTERNAL/EXTERNAL	NO
SMH#37.9	508+05.52, 26.59' R	4.0' DIA. PRECAST	R-I550*	689.71'	(NE) 676.91'	12.80'	INTERNAL/EXTERNAL	NO

* NOTE: CASTING TO BE NEENAH, NON-ROCKING CASTING WITH A SELF SEALING, TYPE "B" LID WITH SEALED PICK HOLES. ** NOTE: ALL ADJUSTMENT RINGS TO BE HDPE ADJUSTING RINGS BY LADTECH, INC. OR PRE-APPROVED EQUAL

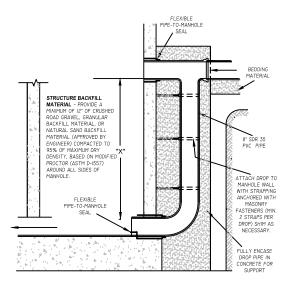
CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT, ALL
DRAWINGS, SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHIEST ARE CREATED BY AND FOR
DELTA'S ENGINEERING AND THEIR
CLIENTS 'USE USE REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EMPLICIT WRITTEN PERMISSION OF
THE OWNER.



DROP MANHOLE #37.09 FLOOR DETAIL



DROP MANHOLE #35 FLOOR DETAIL



TYPICAL DROP MANHOLE DETAIL



MANHOLE FLOOR DETAIL

1. ADJUSTING RINGS - MINIMUM RING HEIGHT= 1"; MAXIMUM RING HEIGHT= 6"; RINGS TO BE HIGH-DENSITY POLYETHYLENE (H.D.P.E.) ADJUSTING RINGS BY LADTECH, INC. OR

- (RLUE, E.) PILOUS TING HINGS BY EACH FEAR.

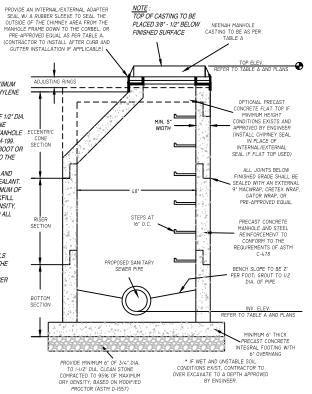
 PRE-APPROVED EQUAL.

 2. MANHOLE STEPS STEPS SHALL BE FABRICATED OF 1/2* DIA.

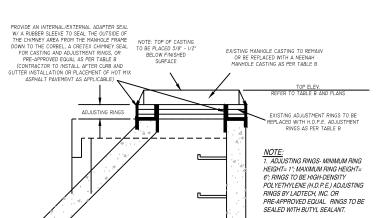
 GRADE 60 STEEL REINFORCEMENT WITH POLYETHYLENE GRALE BY STELL REINFURGEMENT WITH POLT TEITLENE PLASTIC COVERING BY MA. INDUSTRIES, OR ECUAL. MANHOLE ! STEPS SHALL CONFORM TO ASTM C-178 AND AASHTO M-199. 3. PIPE CONNECTIONS. PROVIDE A PRESS-SEAL PSX BOOT OR PRE-APPROVED ECUAL FOR ALL PIPE CONNECTIONS TO THE
- 4. MANHOLE JOINTS JOINTS SHALL BE WATER TIGHT AND SHALL BE MADE USING RUBBER GASKETS OR BUTYL SEALANT.
- SHALL DE MAJE LOING HOBBER GASAETS ON BUTTL SEALANT.

 5. STRUCTURE BACKFILL MATERIAL PROVIDE A MINIMUM OF 12* OF CRUSHED ROAD GRAVEL OR GRANULAR BACKFILL MATERIAL COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BASED ON MODIFIED PROCTOR (ASTM D-1557) AROUND ALL SIDES OF MANHOLE.

SANITARY SEWER NOTE: THE LOCATION OF EXISTING SANITARY SEWER LATERALS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND STATUS OF EACH SANITARY SEWER LATERAL ENCOUNTERED. ONLY ACTIVE SANITARY SEWER LATERALS SHALL BE RECONNECTED TO THE SANITARY SEWER MAIN.



PRECAST CONCRETE MANHOLE DETAIL



MANHOLE CHIMNEY REHABILITATION DETAIL

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

PROJECT LOCATION: INDUSTRIAI ER: VILLAGE OF MUSCODA; 206 N. V

DELTA 3 PROFESSIONAL CML, MUNICIPAL, & STRUCTURAL ENGINEERING & ARCHITECT GRANT MANTING & LAND DEVELOPMENT & PLANNING & CADD SERVICE 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTENULE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9005 DUBUONE, IONN 52001

FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

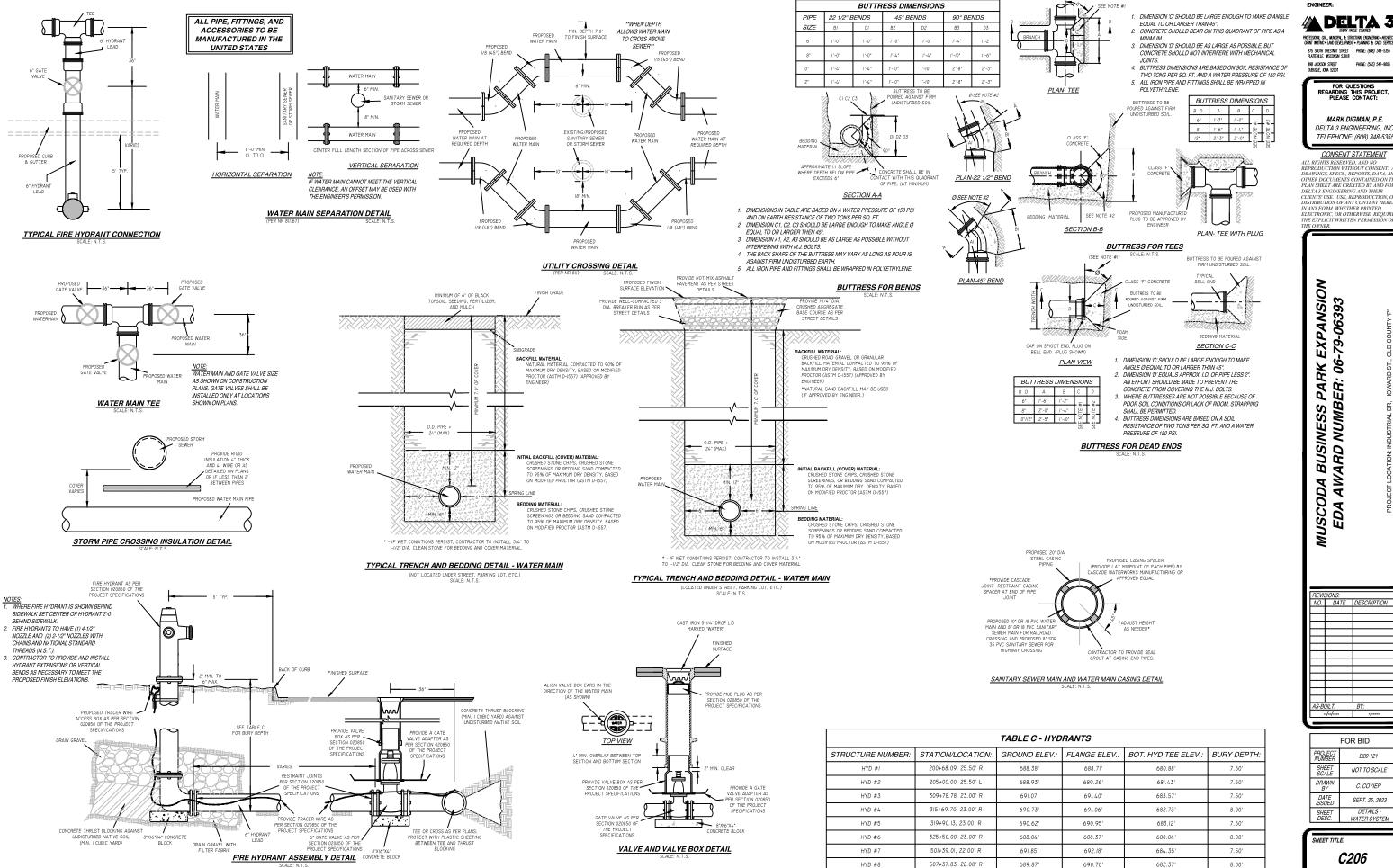
REVIS	IONS:	
NO.		DESCRIPTION
ш		
ı⊢		<u> </u>
\vdash		
l⊢⊢		ļ
l⊢⊢		
\vdash		
AS-BU	VLT:	BY:
	//	-,
_		

	FOR BID
ROJECT UMBER	D20-121
SHEET SCALE	NOT TO SCALE
DRAWN BY	C.COYIER
DATE SSUED	SEPT. 25, 2023
SHEET DESC.	DETAILS - SANITARY SEWER SYSTEM

SHEET TITLE:

C205

SHEET NUMBER # 25 of 41



A DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 PHONE: (563) 542-9005 898 JACKSON STREET DUBUQUE, KNAA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC TELEPHONE: (608) 348-5355

CONSENT STATEMENT

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. A
DRAWINGS, SPECS., REPORTS, DATA, ANI,
OTHER DOCUMENTS CONTAINED ON TH
PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, O

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

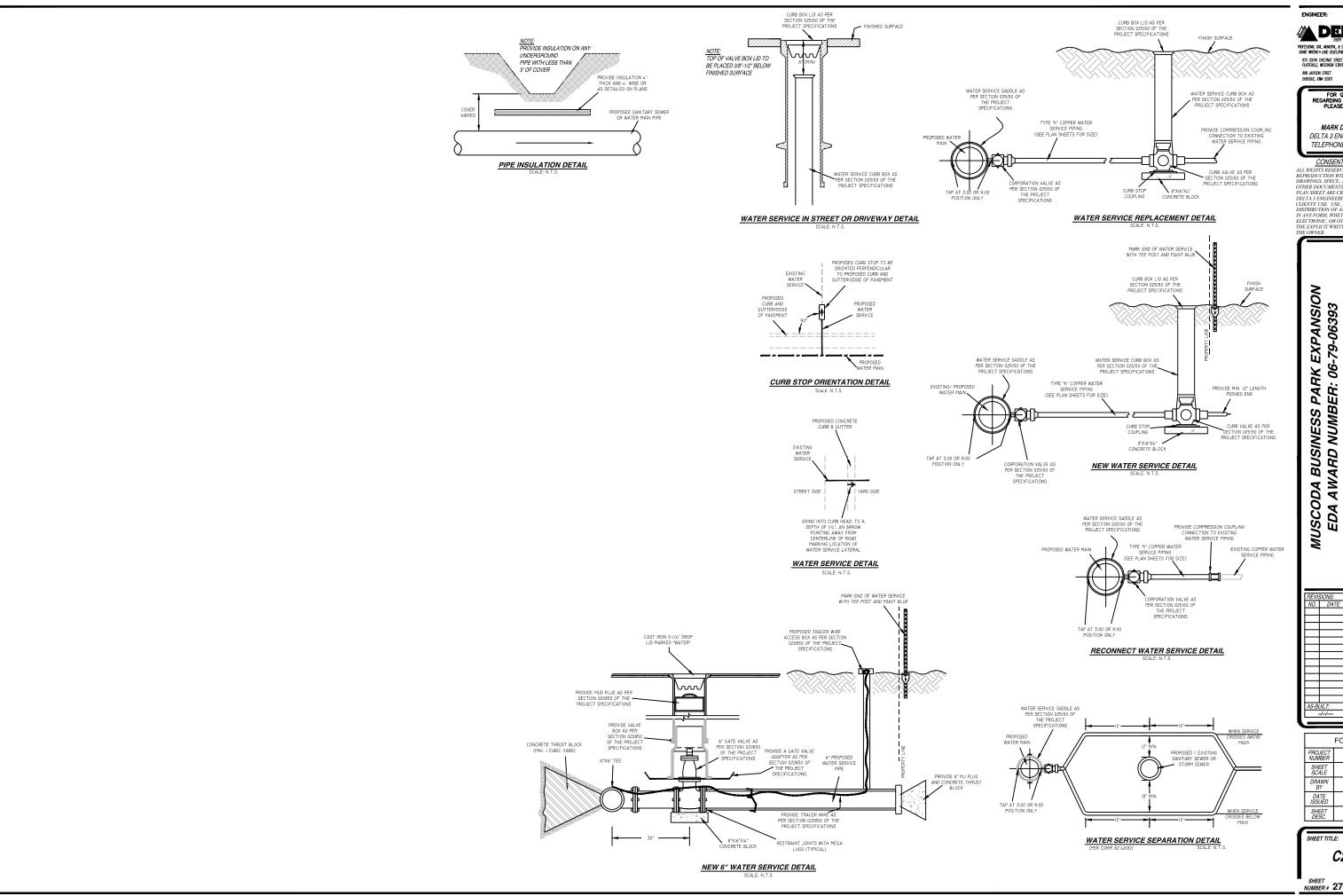
AS-BUILT

PROJECT NUMBER D20-121 SHEET SCALE NOT TO SCALE DRAWN BY C. COYIER DATE ISSUED SEPT. 25, 2023 DETAILS -SHEET DESC. WATER SYSTEM

SHEET TITLE:

C206

NUMBER # 26 of 41



DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEWILLE, WISCONSIN 53818

898 JACKSON STREET PHONE: (563) 542-9005 DUBUQUE, NAMA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. AL
DRAWINGS, SPECS., REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THI
PLAN SHEET ARE CREATED BY AND FOR PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR CLIENTS USE. USE, REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN, IN ANY FORM, WHETHER PRINTED, ELECTRONIC, OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE CYPLICIT WRITTEN PERMISSION OF THE OWNER.

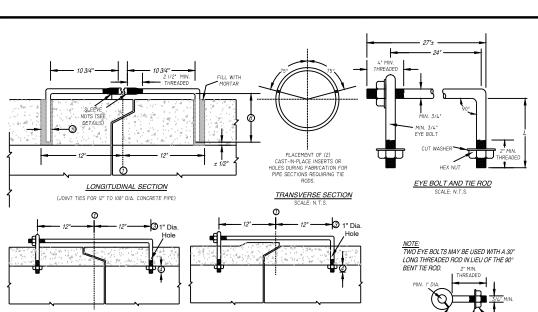
REVISIONS: NO. DATE DESCRIPTION AS-BUILT:

> FOR BID D20-121 NOT TO SCALE C. COYIER SEPT. 25, 2023 DETAILS -WATER SYSTEM

SHEET TITLE:

C207

SHEET NUMBER # 27 of 41



CONCRETE BOX CULVERT.REINFORCED CONCRETE PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED BY THE ENGINEER. THE LAST 3 JOINTS OF THE CONCRETE PIPE SHALL BE TIED TOGETHER, IN ADDITION TO THE LAST JOINT WITH THE ENDWALL. THE MATERIALS, FABRICATION, AND WORK MCCESSARY TO THE BOX CULVERT/REINFORCED CONCRETE PIPE AS INDICATED ON THE PLANS AND BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO BOX CULVERT PIPE, REINFORCED CONCRETE STORM SEWER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

- CENTERLINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS. THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

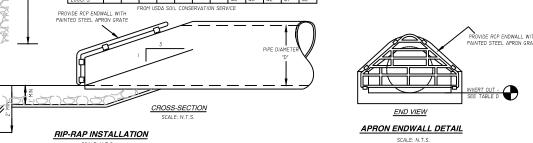
GENERAL NOTES - TIE RODS:

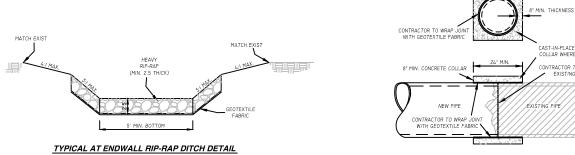
- OF THEADED EYE BOLTS.
 HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12' FROM CENTERLINE OF TONGUE
 AND GROOVE.
 BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2'.
 HOLE DIAMETER = ROD DIAMETER + 1 INCH.
 LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE

				┙				(6	}/=	4	₹₹	<u>4° MIN.</u>		E	MIN.	MAX. 2.4*	PIPE SIZE	TONGUE & GROOVE PIPE		DIFIED L PIPE
LONGITUDINAL SECTION								,	•	- 1	1			H		1.5"	18" to 24"	4 1/2"	6	1/4°
(TONGLE & GROOVE PIPE)							OPTIO	NAL CA	P	/	HEX N	JT			2 "	N	30°	5"		7"
	EYE BOLT & TIL	E ROD ASSE	MBL	<u>r</u>			01 110	MAL OF	" CUT	WASHE	ER				0.9"	1.4"	36"	5 1/2"		7"
	SCA	LE: N.T.S.						,	YE B	OI T				-	THE C DIMEN	ISION IS	42"	6"		
														50	% TO 65% C		48"	6 1/2"		
								3	CALE: N	v. i.5.					DIMENSI	IN .	60°	7 1/2"		
																	72"	8"		
				MINII	иим L	.ENG	TH OF	APRO	ON (FE	EET)							4D II IS	TABLE TIE RO	D TAR	N F
						PIPE	DIAN	1ETEP	?										U IAL	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
AS SPECIFIED BELOW																PIPE		TIE ROD	σl	
4.5 X 'D' MIN.	_		12"	15"	18"	21"	24"	27"	30"	36"	42"	48"	54"	60"		DIAMET: 12-60	ER D	AMETER	5/8	-
	_	3CFS	8													66-84	_		3/4	5
	YE	5CFS	8													90-108		1	1	7
	45	8CFS	II	10													DIMEN	SIONS SHOWN I	V INCH	ES
	Y X	IOCFS	14	12	10															
		15CFS	18	16	14	12														
		20CFS		18	18	16	12													
		30CFS			22	20	18	16												

			EYE E	BOLT DIMENSIO	ON TABLE
				L = LE	<i>VGTH</i>
MIN. 1.6°	MAX. 2.4"		PIPE SIZE	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
0.65"	1.5"		18" to 24"	4 1/2"	6 1/4°
N	N		30°	5*	7"
0.9°	1.4"		36"	5 1/2"	7"
DIME	ISION IS	•	42"	6"	
	OF THE D		48"	6 1/2"	
IMENSI	NC		60°	7 1/2"	
			72°	8×	

<u> </u>	DUUUTADEE TIET	וכט והו	ULL		
PIPE	TIE ROD				
DIAMETER	DIAMETER	D			
12-60	5/8	5/8	5	1/2	
66-84	3/4	3/4	5	1/2	
90-108	1	1	7	1 7/16	
	DIMENSIONS SHOW	N IN INCH	HES		





TYPICAL CONCRETE COLLAR DETAIL

SCALE: N.T.S.

		TAB	LE D - STORM S	TRUCTURES	5		
STRUC. NUMBER:	STA./LOCATION:	TYPE/SIZE:	CASTING TYPE:	TOP ELEV.:	INV. OUT ELEV.:	DEPTH:	INLET PROTECTION:
CB#32	SECOND STREET	2'X3' PRECAST BOX	R-3067-L	690.00'	685.00'	5.00'	TYPE "D" OR SEDIMENT LOG
CB#22	204+50.00, 19.50' L	2'X3' PRECAST BOX	R-3067-L	688.61'	(E) 685.07'	3.54'	TYPE "D" OR SEDIMENT LOG
CB#23	204+50.00, 19.50' R	2'X3' PRECAST BOX	R-3092-A	688.24'	(N) 685.II'	3.13'	TYPE "D" OR SEDIMENT LOG
CB#20	207+00.00, 19.50' L	2'X3' PRECAST BOX	R-3092-A	688.94'	(E) 684.82'	4.13'	TYPE "D" OR SEDIMENT LOG
CB#2I	207+00.00, 19.50' R	2'X3' PRECAST BOX	R-3092-A	688.941	(N) 685.81'	3.13'	TYPE "D" OR SEDIMENT LOG
CB#25	302+75.00, 17.00' L	2'X3' PRECAST BOX	R-3092-A	688.43'	683.80'	4.63'	TYPE "D" OR SEDIMENT LOC
CB#26	302+75.00, 17.00' R	2'X3' PRECAST BOX	R-3092-A	688.43'	683.80'	4.63'	TYPE "D" OR SEDIMENT LOG
CB#27	305+75.00, 17.00' L	2'X3' PRECAST BOX	R-3092-A	689.61'	(W) 686.48'	3.13'	TYPE "D" OR SEDIMENT LOG
CB#28	305+75.00, I7.00' R	2'X3' PRECAST BOX	R-3067-L	689.94'	684.94'	5.00'	TYPE "D" OR SEDIMENT LOG
CB#29	308+25.00, 17.00' L	2'X3' PRECAST BOX	R-3067-L	689.90'	684.90'	5.00'	TYPE "D" OR SEDIMENT LOG
CB#30	308+25.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	689.74'	684.74"	5.00'	TYPE "D" OR SEDIMENT LOG
CB#18	311+00.00, 17.00' L	2'X3' PRECAST BOX	R-3067-L	690.89'	(S) 687.39'	3.50'	TYPE "D" OR SEDIMENT LOG
CB#19	311+00.00, 17.68' R	2'X3' PRECAST BOX	R-3092-A	690.82'	(E) 687.42'	3.39'	TYPE "D" OR SEDIMENT LO
CB#16	313+25.00, 17.00' L	2'X3' PRECAST BOX	R-3092-A	690.42'	(S) 687.16'	3.26'	TYPE "D" OR SEDIMENT LO
CB#17	313+25.00, 17.00' R	2'X3' PRECAST BOX	R-3092-A	690.42'	(E) 687.19'	3.22'	TYPE "D" OR SEDIMENT LO
CB#14	317+75.00, 17.00' L	2'X3' PRECAST BOX	R-3067-L	690.06'	(S) 686.26'	3.80'	TYPE "D" OR SEDIMENT LOG
CB #15	317+75.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	689.74'	(E) 686.29'	3.44'	TYPE "D" OR SEDIMENT LOG
CB#13	320+24.82, 86.42' R	2'X3' PRECAST BOX	R-3067-L	689.30'	(S) 685.80'	3.50'	TYPE "D" OR SEDIMENT LOG
CB#12	32I+63.38, 82.83' R	2'X3' PRECAST BOX	R-3067-L	689.29'	(E) 685.66'	3.63'	TYPE "D" OR SEDIMENT LOC
CB#II	321+64.30, 17.00' L	2'X3' PRECAST BOX	R-3067-L	690.88'	(S) 684.71'	6.17'	TYPE "B" OR SEDIMENT LO
CB#9	323+75.00, 17.00' L	4' DIA. PRECAST	R-3067-L	689.31'	(S) 683.34'	5.97'	TYPE "B" OR SEDIMENT LO
CB#10	323+75.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	689.31'	(E) 685.31'	4.00'	TYPE "B" OR SEDIMENT LO
CB#4	326+35.03, 17.00' R	2'X3' PRECAST BOX	R-3067-L	687.37'	(S) 683.37'	4.00'	TYPE "D" OR SEDIMENT LO
CB#2	326+50.00, 17.00' L	4' DIA. PRECAST	R-3067-L	687.26'	(E) 682.65'	4.61'	TYPE "D" OR SEDIMENT LOC
CB#3	326+50.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	687.26'	(E) 683.13'	4.13'	TYPE "D" OR SEDIMENT LOG
CB#5	326+65.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	687.38'	(N) 683.38'	4.00'	TYPE "D" OR SEDIMENT LO
CB#6	327+50.00, I7.00' R	2'X3' PRECAST BOX	R-3067-L	688.05'	(N) 684.05'	4.00'	TYPE "B" OR SEDIMENT LO
CB#8	328+50.00, 17.00' L	2'X3' PRECAST BOX	R-3067-L	688.85'	(NW) 685.35'	3.50'	TYPE "B" OR SEDIMENT LO
CB#7	328+50.00, 17.00' R	2'X3' PRECAST BOX	R-3067-L	688.85'	(N) 685.10'	3.75'	TYPE "B" OR SEDIMENT LO

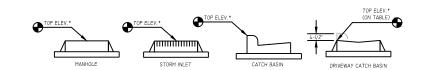


		TABLE D - STORM	STRUCTURES	(ENDWALLS)	
STRUC. NUMBER:	STA./LOCATION:	TYPE/SIZE:	CASTING TYPE:	INV. IN/OUT ELEV.:	REMARKS
EW#I	326+50.03, 46.78' L	24" CONCRETE ENDWALL		(W) 682.27'	

TABLE B - REHBILITATED /ADJUSTED STRUCTURES

							a s
STRUCTURE NUMBER:	STA./LOCATION:	TYPE/SIZE:	EX. TOP ELEV.:	PROP. TOP ELEV.:	CHANGE:	COMMENTS:	
CB#3I	209+II.94, I9.84' L	PRECAST CONCRETE	689.50'	689.30'	-0.20'	REMOVE EXISTING CASTING AND ADJUSTMENT RINGS; PROVIDE AND INSTALL R-3092-A CASTING AND ADJUSTMENT RINGS.	
INL#24	301+32.80, 18.42' R	PRECAST CONCRETE 4' DIA.	689.28'	688.85'	-0.43'	REMOVE EX. CASTING AND ADJUSTMENT RINGS; PROVIDE AND INSTALL ADJUSTMENT RINGS AND REINSTALL EX. CASTING.	,

ENGINEER:

DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9005 DUBUQUE, IOMA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. AL
DRAWINGS, SPECS. REPORTS, DATA. AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

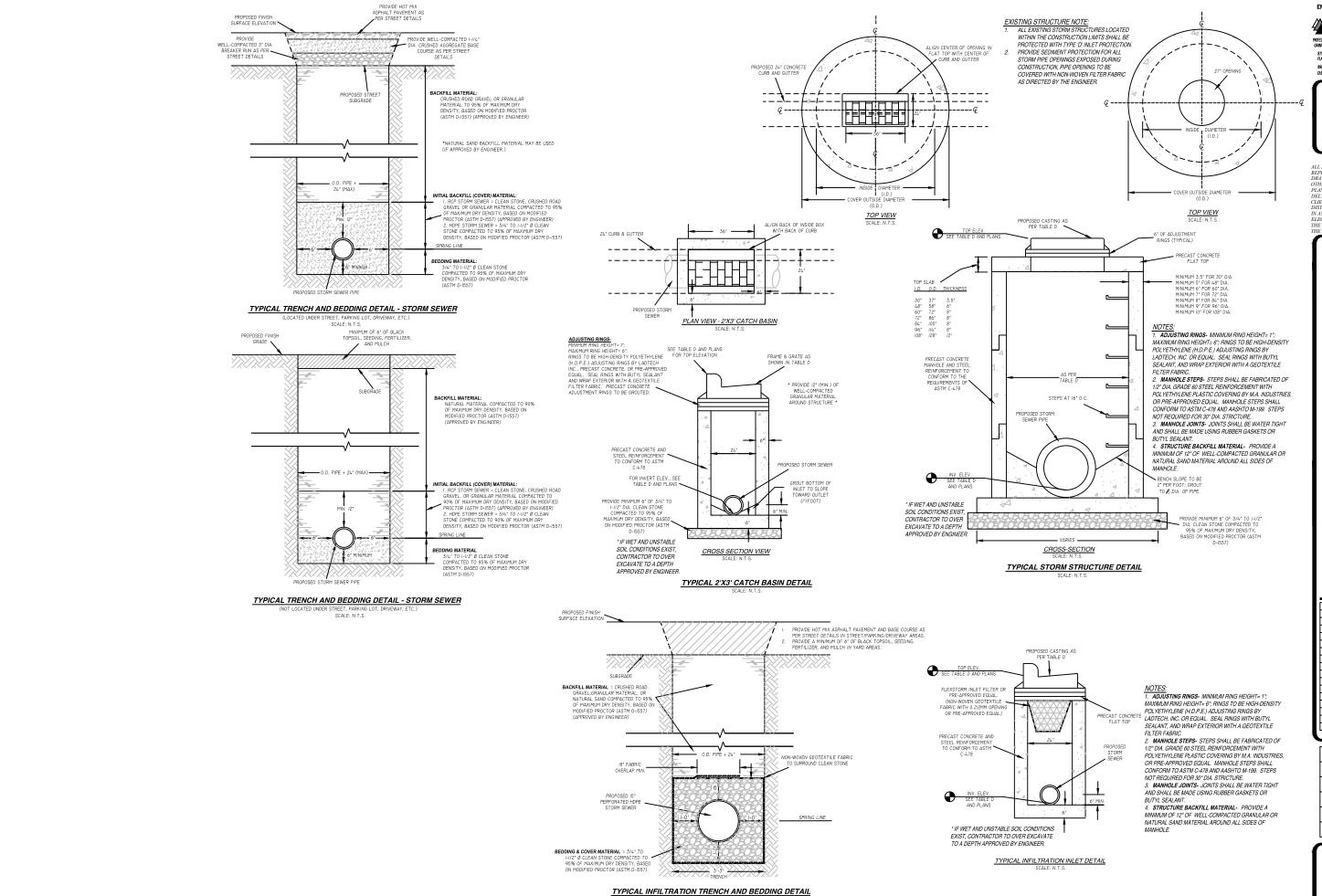
MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS		Lacoouatu	24.
NO.	DATE	DESCRIPTION	JΝ
AS-BU		BY:	
,	//		

FOR BID		
PROJECT NUMBER	D20-121	
SHEET SCALE	NOT TO SCALE	
DRAWN BY	C. COYIER	
DATE ISSUED	SEPT. 25, 2023	
SHEET DESC.	DETAILS - STORM SYSTEM	

C208

SHEET NUMBER # 28 of 41



DELTA 3

PROFESSIONAL CIVIL, MUNICIPAL, & STRUCTURAL ENGNEERING * ARCHITECT GRANT WRITING * LAND DEVELOPMENT * PLANNING & CADD SERVICE 875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9005 DUBUQUE, IOWA 52001

FOR QUESTIONS
REGARDING THIS PROJECT,
PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. A
DRAWINGS, SPECS., REPORTS, DATA, ANI,
OTHER DOCUMENTS CONTAINED ON TH
PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN IN ANY FORM, WHETHER PRINTED, ELECTRONIC, OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

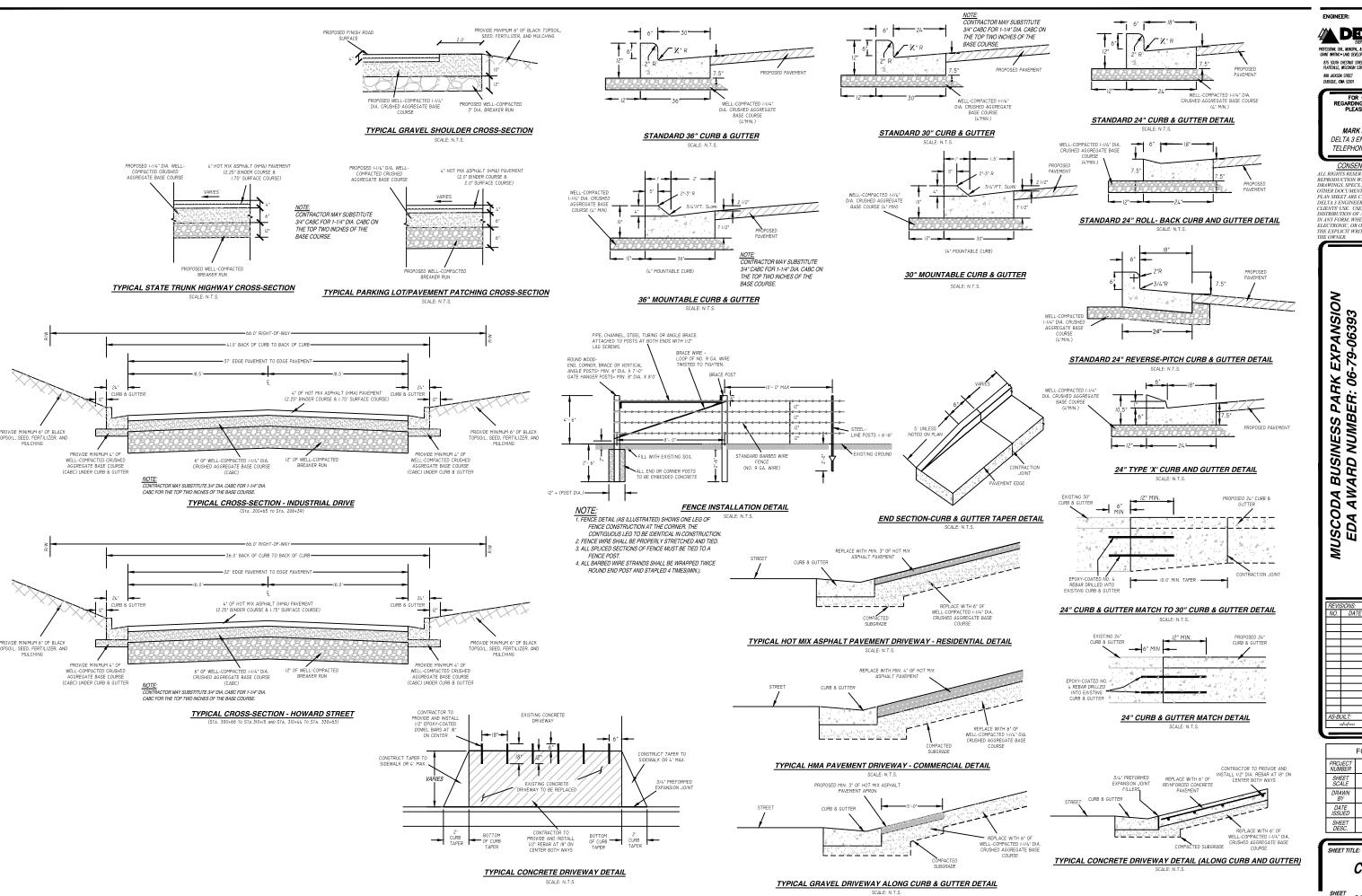
NO. DATE DESCRIP AS-BUILT

FOR BID PROJECT NUMBER D20-121 SHEET SCALE NOT TO SCALE DRAWN BY C. COYIER DATE ISSUED SEPT. 25, 2023 DETAILS -SHEET DESC. STORM SYSTEM

SHEET TITLE:

C209

SHEET NUMBER # 29 of 41



A DELTA 3

875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

PHONE: (563) 542-9005

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. A
DRAWINGS, SPECS., REPORTS, DATA, ANI,
OTHER DOCUMENTS CONTAINED ON TH
PLAN SHEET ARE CREATED BY AND FOR DELTA'S ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, OF DISTRIBUTION OF ANY CONTENT HEREIS DISTRIBUTION OF ANY CONTENT HEREIN IN ANY FORM, WHETHER PRINTED, ELECTRONIC, OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF

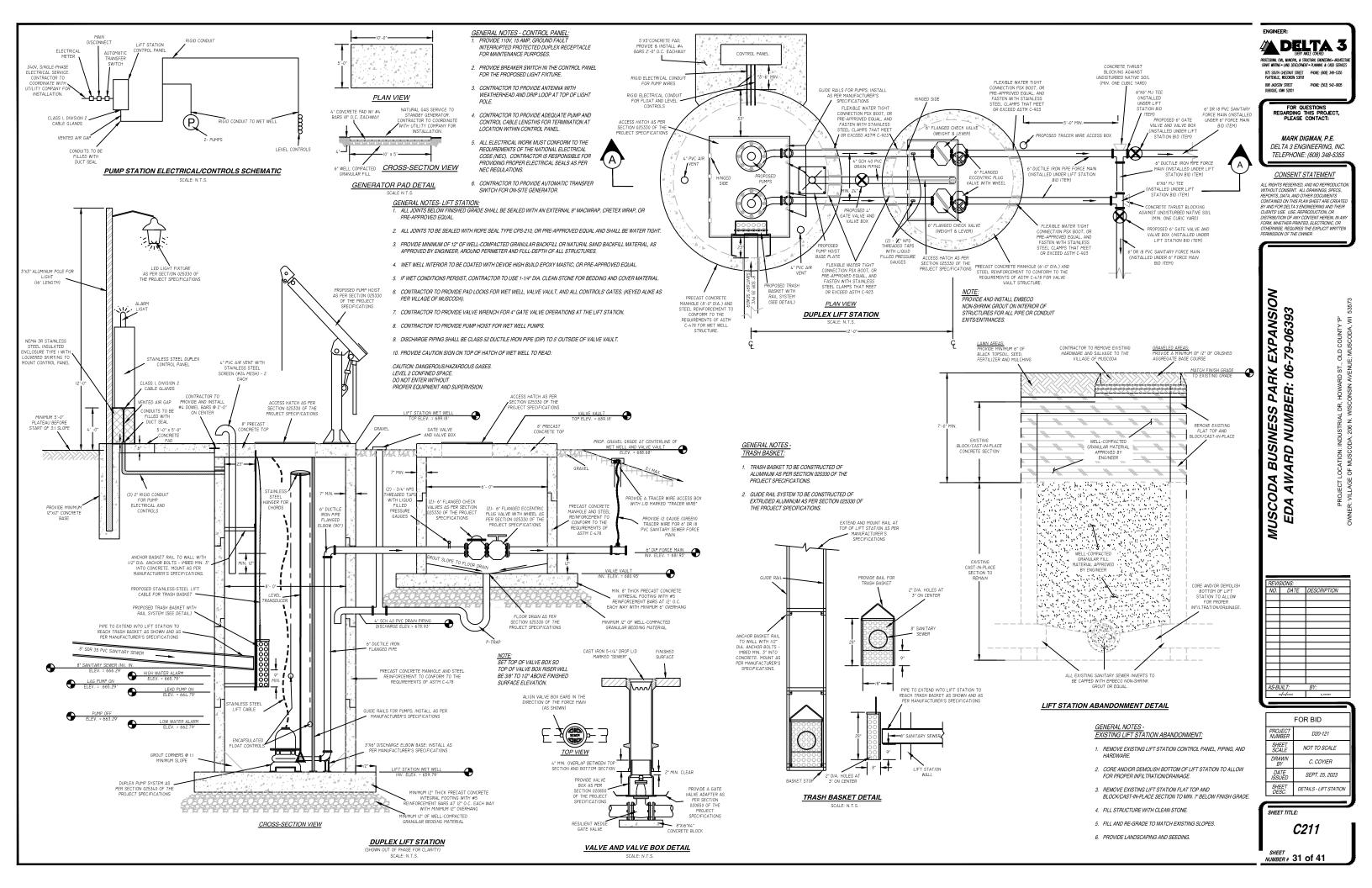


FOR BID			
PROJECT NUMBER	D20-121		
SHEET SCALE	NOT TO SCALE		
DRAWN BY	C. COYIER		
DATE ISSUED	SEPT. 25, 2023		
SHEET DESC.	DETAILS - STREET		

SHEET TITLE:

C210

SHEET NUMBER # 30 of 41



A DELTA 3

875 SOUTH CHESTINUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 898 JACKSON STREET PHONE: (563) 542-9005 DUBUQUE, IOMA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

PLAN SHEET ARE CREATED BY AND FOI DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, O THE EXPLICIT WRITTEN PERMISSION OF

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS	SIONS:	
NO.	DATE	DESCRIPTION
\vdash		
\vdash		+
\vdash		
\vdash		
\vdash		
AS-BL	III.T:	BY:
	-//	-,
_		

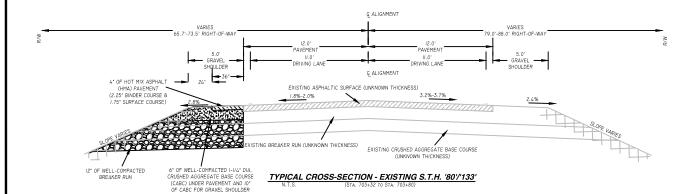
BASE COURSE (CABC)

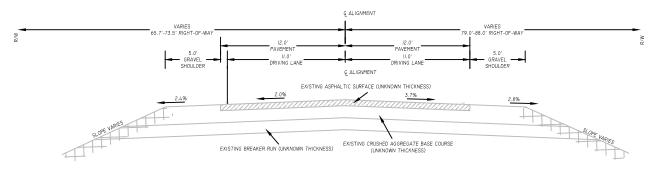
	FOR BID		
PROJECT NUMBER	D20-121		
SHEET SCALE	NOT TO SCALE		
DRAWN BY	C. COYIER		
DATE ISSUED	SEPT. 25, 2023		
SHEET DESC.	DETAILS - S.T.H. '80'/133' TYP. CROSS-SECTIONS		

SHEET TITLE:

C212

NUMBER # 32 of 41





TYPICAL CROSS-SECTION - EXISTING S.T.H. '80'/'133'

PROFILE VIEW

CONSTRUCT RELIEF TRENCH AT

SAG POINTS OR EVERY 250' ALONG

ROAD WAY PLAN VIEW

TYPICAL RELIEF TRENCH DETAIL

EDGELINE -

TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

- 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- (2) NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- (3) NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
- (4) MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).

ENGINEER:

DELTA 3

875 SOUTH CHESTINUT STREET
PLATEFALE, WISCORON 33818
888 UKKSON STREET
DUBUGUE, JOHN 52001
PHONE: (563) 542-9005

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT. A
DRAWINGS, SPECS, REPORTS, DATA, AN
OTHER DOCUMENTS CONTAINED ON TH
PLAN SHEET ARE CREATED BY AND FOR PLAN SHEET ARE CREATED BY AND FOR DELTA 3 ENGINEERING AND THEIR CLIENTS 'USE. USE. REPRODUCTION, OR DISTRIBUTION OF ANY CONTENT HEREIN IN ANY FORM, WHETHER PRINTED, ELECTRONIC, OR OTHERWISE, REQUIRES THE EXPLICIT WRITTEN PERMISSION OF THE CAPILICIT WRITTEN PERMISSION OF THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS	IONS:	
NO.	DATE	DESCRIPTION
\Box		
\vdash		
\vdash		
\vdash		
\vdash		
\vdash		
$\vdash \vdash$		
\vdash		
AS-BU	ILT:	BY:
,	//	-,

FOR BID				
PROJECT NUMBER	D20-121			
SHEET SCALE	NOT TO SCALE			
DRAWN BY	C. COYIER			
DATE ISSUED	SEPT. 25, 2023			
SHEET DESC.	DETAILS - PAVEMENT MARKINGS			
•				

SHEET TITLE:

C213

SHEET NUMBER # 33 of 41

PAVEMENT MARKING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

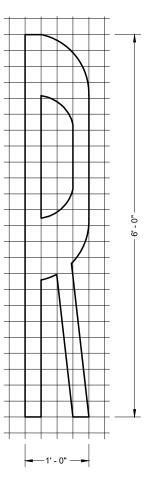
- 1 PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.
- 2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150 * - 250'
30	200 * - 300'
35	250 * - 450'
40	300 * - 500'
45	400 * - 650'
50	550 * - 800'
55	750 * - 1000'
60	1000 * - 1250'
65	1000 * - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.



875 SOUTH CHESTNUT STREET PHONE: (608) 348-5355 PLATTEVILLE, WISCONSIN 53818 PHONE: (563) 542-9005 898 JACKSON STREET DUBUQUE, KNAA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT.
DRAWINGS, SPECS., REPORTS, DATA, A.
OTHER DOCUMENTS CONTAINED ON
PLAN SHEET ARE CREATED BY AND FO DELTA 3 ENGINEERING AND THEIR CLIENTS' USE. USE, REPRODUCTION, O THE EXPLICIT WRITTEN PERMISSION O

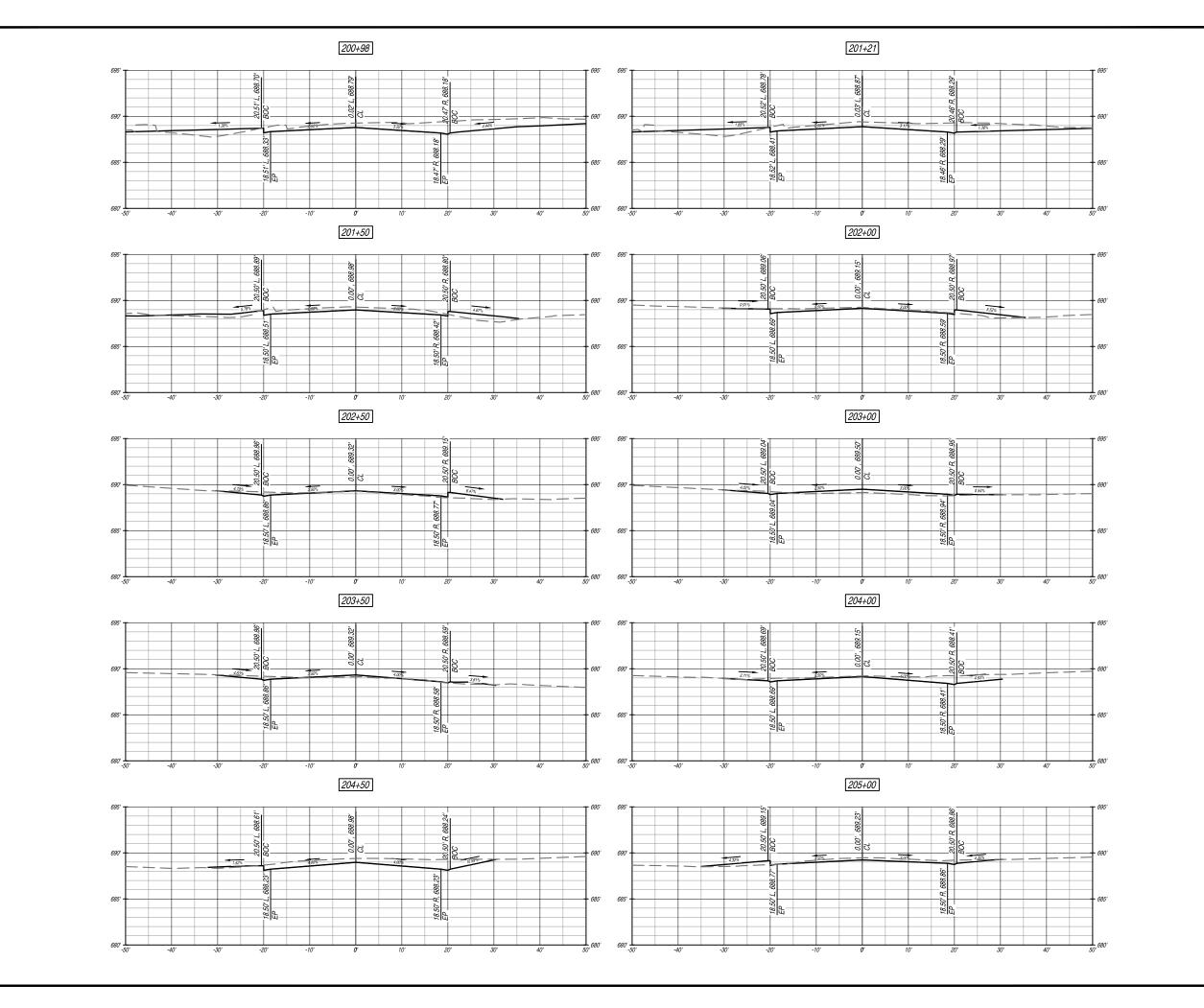
MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

	FOR BID			
	PROJECT NUMBER	D20-121		
	SHEET SCALE	NOT TO SCALE		
	DRAWN BY	C. COYIER		
	DATE ISSUED	SEPT. 25, 2023		
	SHEET DESC.	DETAILS - PAVEMEN MARKINGS		

SHEET TITLE:

C214

SHEET NUMBER # 34 of 41



DELTA 3 PRESSON ON, MADRIL & SRUTIER BONESING GRAIT WRITING - LAND DEPLOYMENT - PLANING & CADD SERVICES

875 SOUTH CHESTNAT STREET PHONE: (608) 348-5355
PLATENLE, MISCONSIN 53818
888 JACKSON STREET PHONE: (563) 542-9005
DUBUULE, KIMA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC.

TELEPHONE: (608) 348-5355 CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS, SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE CHILLT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

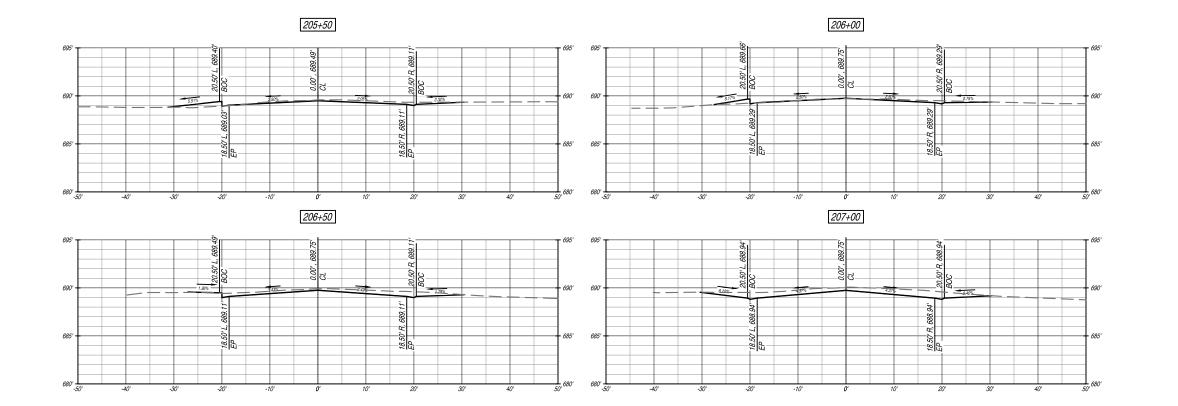
REVISIONS:					
NO.	DATE	DESCRIPTION			
\Box					
\vdash					
\vdash					
AS-BL	III T-	BY:			
	//				

FOR BID		
PROJECT NUMBER	D20-121	
SHEET SCALE	HORZ1*=10' VERT1*=5'	
DRAWN BY	C.COYIER	
DATE ISSUED	SEPT. 25, 2023	
SHEET DESC.	CROSS-SECTIONS - INDUSTRIAL PARK DR.	

SHEET TITLE:

C301

SHEET NUMBER# 35 of 41





PROTECTIONS CAL MANUFAL & STRUCTURE DISHESSING OWN WINNS - UP DEDICATION - PANNER & COLD SERVICES STRUCTURE DISHESSING PARTICLE, ROCAGN SORIES - PANNER, E. WORLD SERVICES - PATRICLE, ROCAGN SORIES - PANNER, E. WORLD SERVICES - PANNER (Sed) 542-4005 DISHOULE, DAN 52001 - PANNE (Sed) 542-4005 DISHOULE, DAN 52001 - PANNER (SED) 542

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT, ALL
OF ALL RIGHTS RESERVED, AND NO
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEEF ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE USE REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

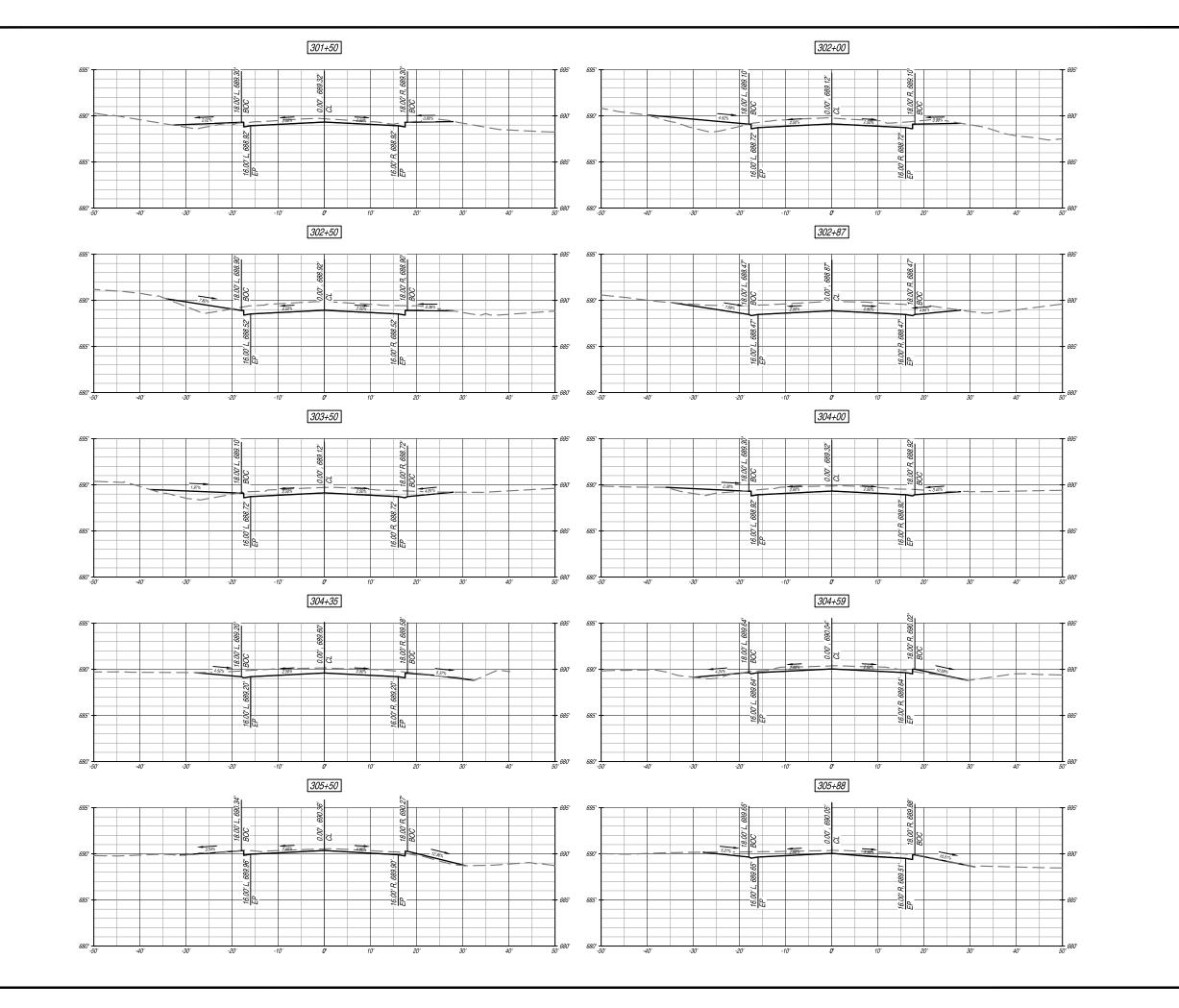
REVIS	SIONS:	
		DESCRIPTION
\vdash		
\vdash		
\vdash		
AS-BL	III T:	BY:
-	-//	-,

FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	HORZ1" =10' VERT1" =5'
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC	CROSS-SECTIONS -

SHEET TITLE:

C302

SHEET NUMBER# 36 of 41



DELTA 3

PRESSON ON, MADRIL & SRUTIER BONESING
GRAIT WRITING - LAND DEPLOYMENT - PLANING & CADD SERVICES

875 SOUTH CHESTINUT STREET PHONE: (608) 348-3355
PLATEVILLE, MISCONOSIN 53518
888 JACKSON STREET PHONE: (563) 542-9005
DUBUOUE, KOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS, SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE CHILLTIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

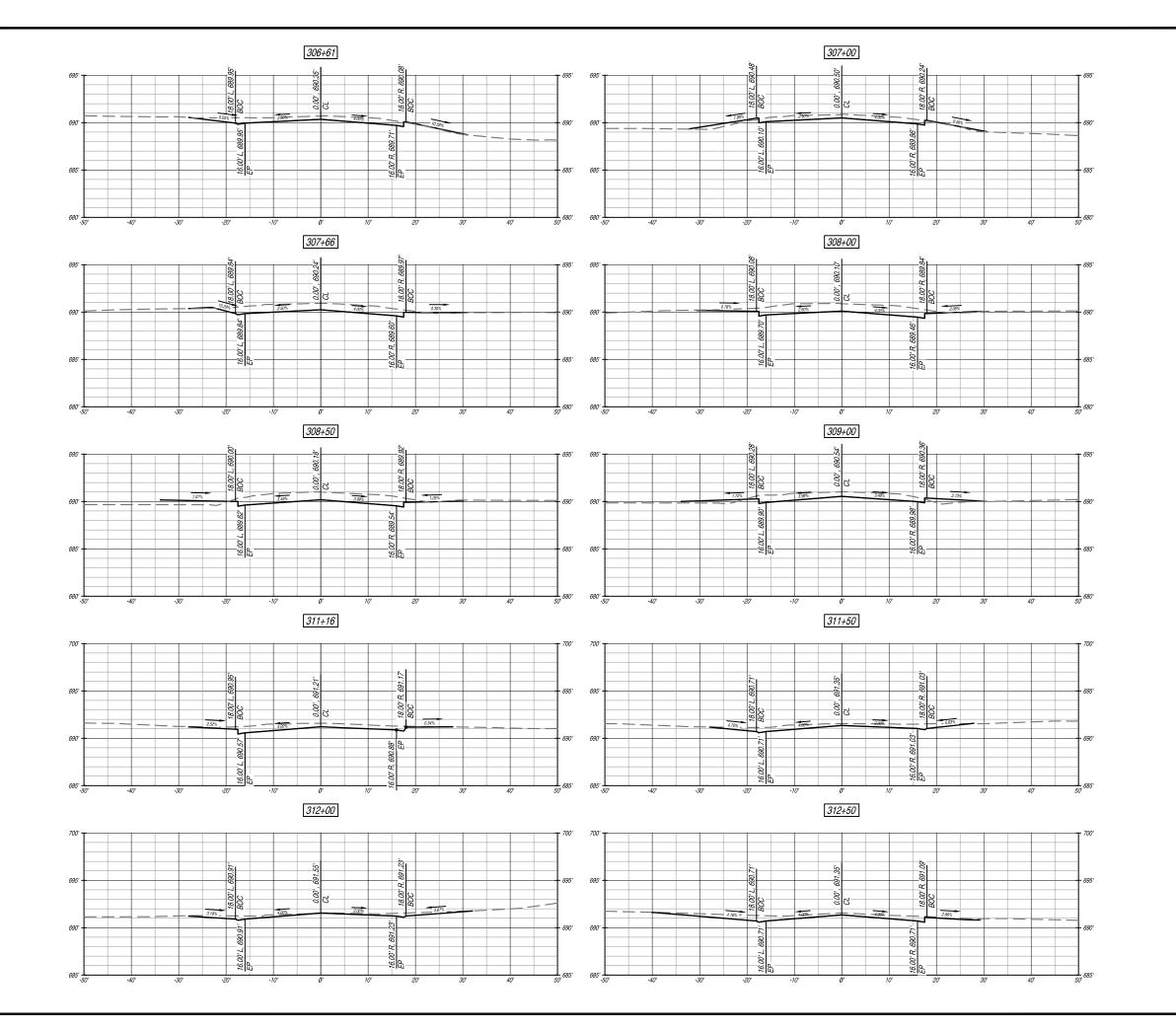
DEI/	SIONS:	
NO.	DATE	DESCRIPTION
AS-B	UILT:	BY:
	-//	-,
		-
==		

FOR BID		
PROJECT NUMBER	D20-121	
SHEET SCALE	HORZ1" =10' VERT1" =5'	
DRAWN BY	C.COYIER	
DATE ISSUED	SEPT. 25, 2023	
SHEET DESC.	CROSS-SECTIONS - HOWARD STREET	

SHEET TITLE:

C303

SHEET NUMBER# 37 of 41



DELTA 3

PRESSON ON, MADRIL & SRUTIER BONESING
GRAIT WRITING - LAND DEPLOYMENT - PLANING & CADD SERVICES

875 SOUTH CHESTINUT STREET PHONE: (608) 348-3355
PLATEVILLE, MISCONOSIN 53518
888 JACKSON STREET PHONE: (563) 542-9005
DUBUOUE, KOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. AL.
DRAWINGS, SPECS. REPORTS, DATA. AND
OTHER DOCUMENTS CONTAINED ON THIS
PLAN SHEET ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THEIR
CLIENTS USE. USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

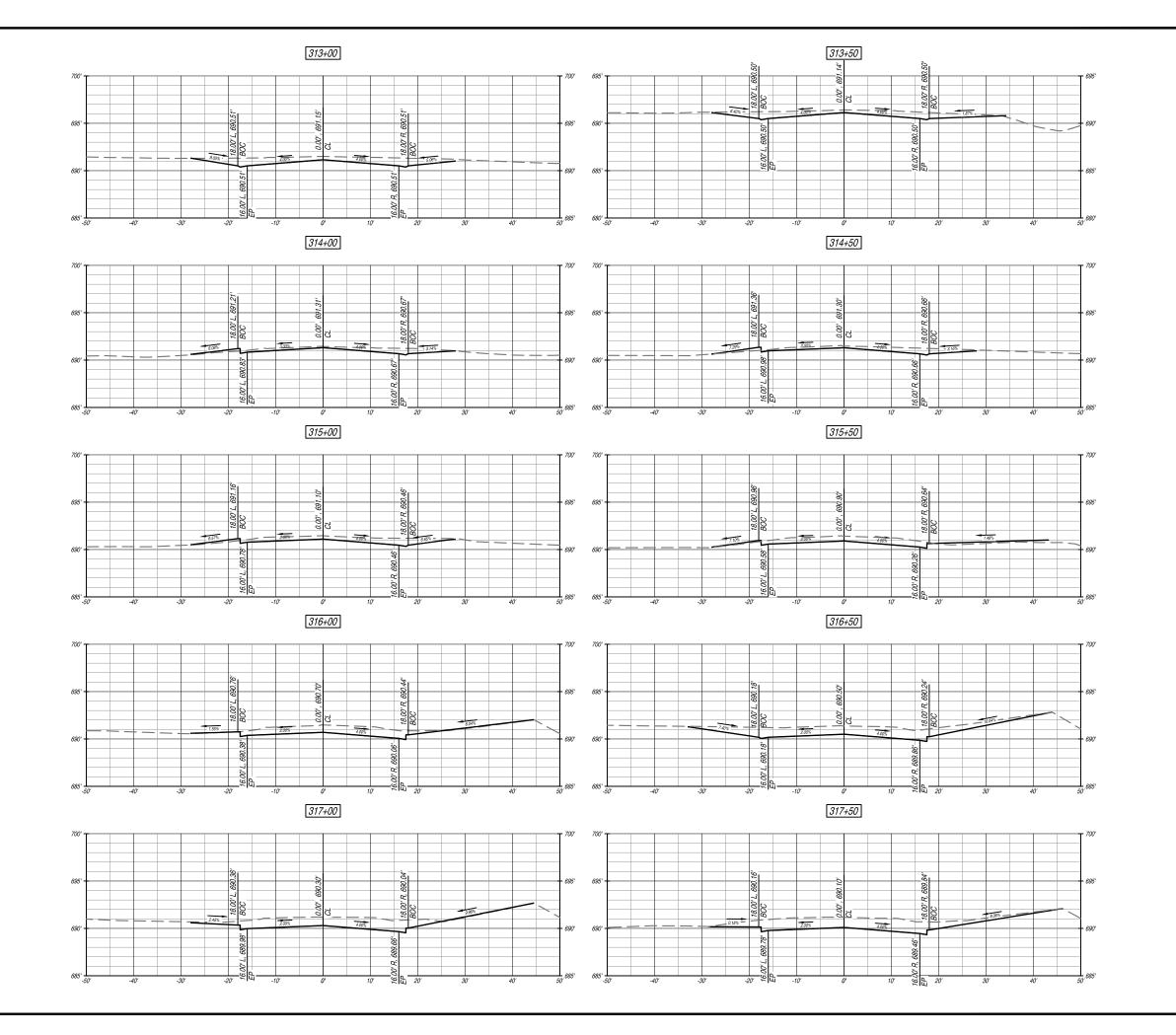
REVIS	SIONS:	
NO.	DATE	DESCRIPTION
AS-B	VILT:	BY:
	-//	-,
_		

FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	HORZ1*=10' VERT1*=5'
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	CROSS-SECTIONS - HOWARD STREET

SHEET TITLE:

C304

SHEET NUMBER# 38 of 41



DELTA 3

PRESSON ON, MADRIL & SRUTIER BONESING
GRAIT WRITING - LAND DEPLOYMENT - PLANING & CADD SERVICES

875 SOUTH CHESTINUT STREET PHONE: (608) 348-3355
PLATEVILLE, MISCONOSIN 53518
888 JACKSON STREET PHONE: (563) 542-9005
DUBUOUE, KOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED. AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DRAWINGS SPECS. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHIEFE ARE CREATED BY AND FOR
DELTA 3 ENGINEERING AND THERE
CLIENTS USE USE REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

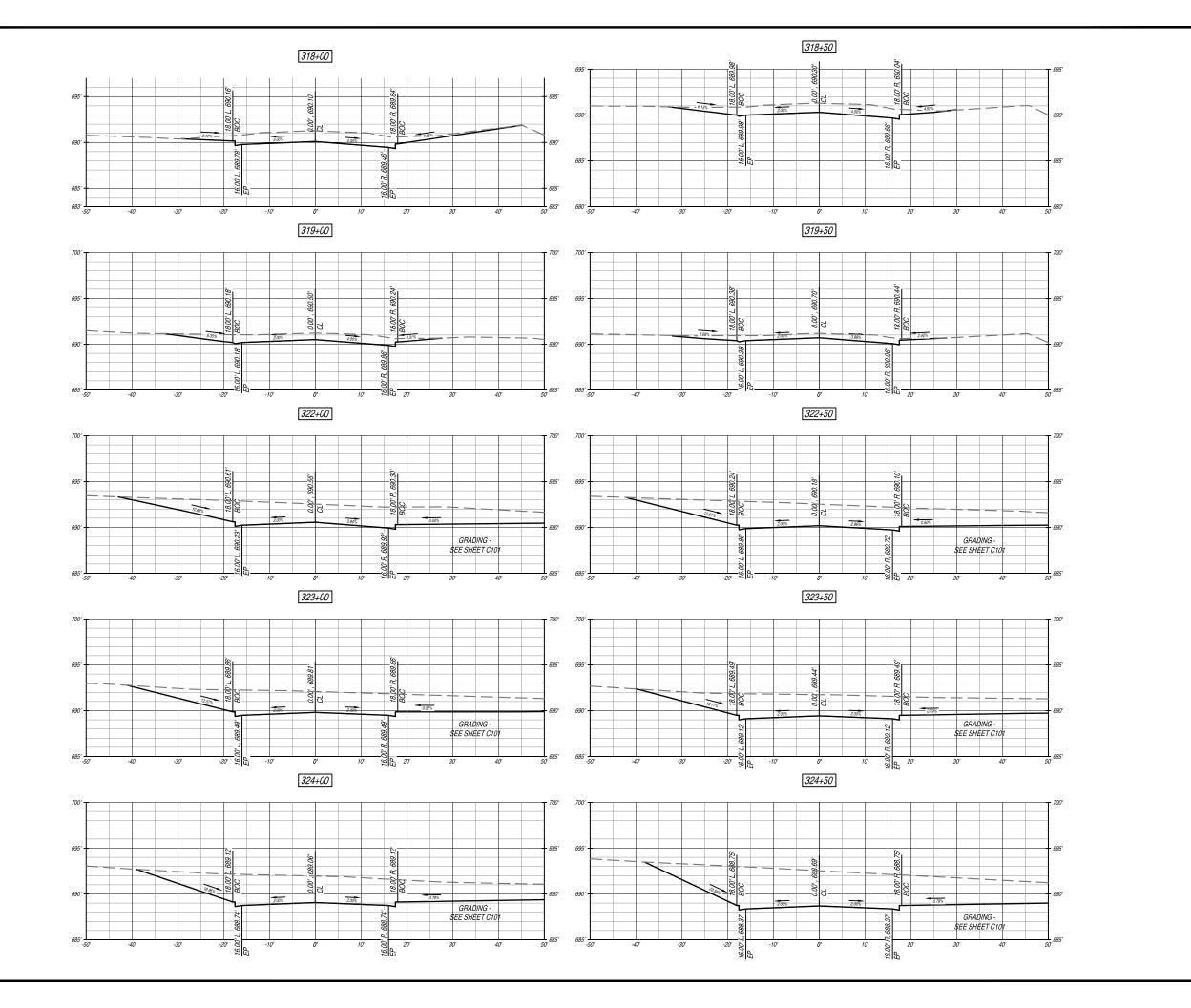
REVIS	NONC.	
NO.	DATE	DESCRIPTION
\vdash		
H		
\sqcup		
\vdash		
\vdash		
AS-BU	III T.	BY:
	//	7,
_		

FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	HORZ1*=10' VERT1*=5'
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	CROSS-SECTIONS - HOWARD STREET

SHEET TITLE:

C305

SHEET NUMBER# 39 of 41



DELTA 3

PRESSON ON, MADRIL & SRUTIER BONESING
GRAIT WRITING - LAND DEPLOYMENT - PLANING & CADD SERVICES

875 SOUTH CHESTINUT STREET PHONE: (608) 348-3355
PLATEVILLE, MISCONOSIN 53518
888 JACKSON STREET PHONE: (563) 542-9005
DUBUOUE, KOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHT SESSIVED. AND NO
REPRODUCTION WITHOUT CONSENT. ALL
DEAWNORS, SPICES. REPORTS, DATA, AND
OTHER DOCUMENTS CONTAINED ON THE
PLAN SHIEFE ARE CREATED BY AND FOR
DELTA'S ENGINEERING AND THEIR
CLIENTS USE. REPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED,
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

	SIONS:	
NO.	DATE	DESCRIPTION
-		
\vdash		
\vdash		
-		
\vdash		
\vdash		
$\overline{}$		
AS-B	VILT: //	BY:
	-//	-,

FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	HORZ1"=10' VERT1"=5'
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	CROSS-SECTIONS - HOWARD STREET

SHEET TITLE:

C306

SHEET NUMBER # 40 of 41

DELTA 3

875 SOUTH CHESTINUT STREET PHONE: (608) 348-5355
PLATTENLLE, WISCONSIN 53818

888 JACKSON STREET PHONE: (563) 542-9005
DUBUUUE, KOWA 52001

FOR QUESTIONS REGARDING THIS PROJECT, PLEASE CONTACT:

MARK DIGMAN, P.E. DELTA 3 ENGINEERING, INC. TELEPHONE: (608) 348-5355

CONSENT STATEMENT

CONSENT STATEMENT
ALL RIGHTS RESERVED, AND NO
REPRODUCTION WITHOUT CONSENT, ALL
DEAWINGS, SPECS, REPORTS, DATA, AND
OTHER DOCUMENTS COMENTS OF AND ON THE
OFFICE OF THE STATEMENT OF THE
OFFICE OF THE STATEMENT OF THE STATEMENT OF THE
CLEENTS USE DEPRODUCTION, OR
DISTRIBUTION OF ANY CONTENT HEREIN,
IN ANY FORM, WHETHER PRINTED.
ELECTRONIC, OR OTHERWISE, REQUIRES
THE EXPLICIT WRITTEN PERMISSION OF
THE OWNER.

MUSCODA BUSINESS PARK EXPANSION EDA AWARD NUMBER: 06-79-06393

REVIS	SIONS:	
NO.	DATE	DESCRIPTION
\vdash		
\vdash		
\vdash		
AS-B		BY:
<u> </u>	//	-,
_		

FOR BID	
PROJECT NUMBER	D20-121
SHEET SCALE	HORZ1" =10' VERT1" =5'
DRAWN BY	C.COYIER
DATE ISSUED	SEPT. 25, 2023
SHEET DESC.	CROSS-SECTIONS - HOWARD STREET

SHEET TITLE:

C307

SHEET NUMBER # 41 of 41