

DE BOER PEST CONTROL

LUOYANG AVENUE
LA CROSSE, WISCONSIN

CIVIL ENGINEER:
 PARAGON ASSOCIATES, INC.
 632 COPELAND AVENUE
 LA CROSSE, WISCONSIN 54603
 (608) 781-3110

REVISIONS:	DATE:

PREPARED BY:
PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE
 LA CROSSE, WI 54603
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associ.biz



PROJECT VICINITY MAP



PROJECT LOCATION MAP

PREPARED FOR:
WIESER BROTHERS
 SITE ADDRESS:
 2946 LUOYANG AVE
 LA CROSSE, WI 54601

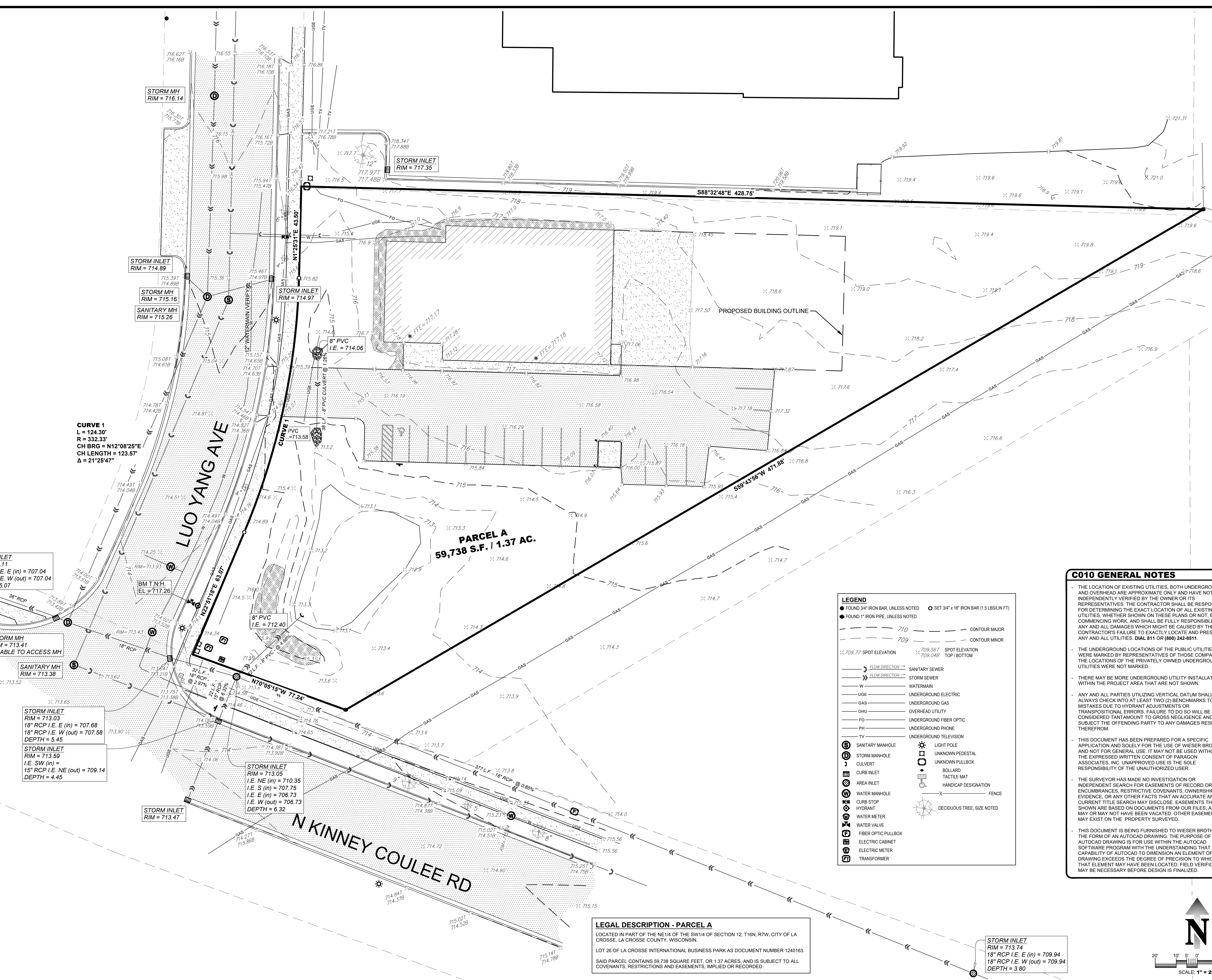
PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
COVER

SHEET INDEX

C001	EXISTING CONDITIONS MAP
C050	DEMOLITION PLAN
C100	SITE PLAN
C200	GRADING PLAN
C300	EROSION CONTROL PLAN
C400	UTILITY PLAN
C500	DETAILS
C501	DETAILS

PROJECT No:
21-096
 DRAFTED BY: C.M.G. CHECKED BY: J.S.M.
 DATE: 09/08/21
 CAD FILE: 21-096_DeBoer Pest 07.dwg
 SCALE: VARIES
 SHEET No:
C000

PLOT DATE: 9/8/2021 12:31 PM



CURVE 1
L = 124.30'
R = 332.33'
CH BRG = N12°08'25"E
CH LENGTH = 123.57'
Δ = 21°25'47"

PARCEL A
59,738 S.F. / 1.37 AC.

C010 GENERAL NOTES

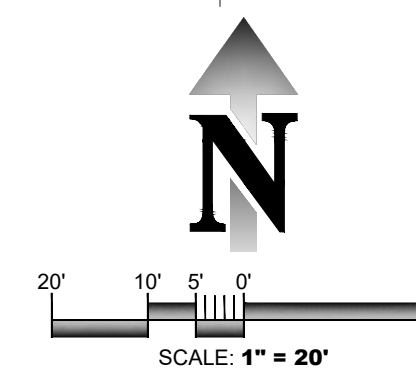
- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. **DIAL 811 OR (800) 242-8511.**
- THE UNDERGROUND LOCATIONS OF THE PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATIONS OF THE PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED.
- THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- ANY AND ALL PARTIES UTILIZING VERTICAL DATUM SHALL ALWAYS CHECK INTO AT LEAST TWO (2) BENCHMARKS TO AVOID MISTAKES DUE TO HYDRANT ADJUSTMENTS OR TRANSPORTATIONAL ERRORS. FAILURE TO DO SO WILL BE CONSIDERED TANTAMOUNT TO GROSS NEGLIGENCE AND SUBJECT TO THE OFFENDING PARTY TO ANY DAMAGES RESULTING THEREFROM.
- THIS DOCUMENT HAS BEEN PREPARED FOR A SPECIFIC APPLICATION AND SOLELY FOR THE USE OF WIESER BROTHERS AND NOT FOR GENERAL USE. IT MAY NOT BE USED WITHOUT THE EXPRESSED WRITTEN CONSENT OF PARAGON ASSOCIATES, INC. UNAPPROVED USE IS THE SOLE RESPONSIBILITY OF THE UNAUTHORIZED USER.
- THE SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD OR ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. EASEMENTS THAT ARE SHOWN ARE BASED ON DOCUMENTS FROM OUR FILES, AND MAY OR MAY NOT HAVE BEEN VACATED. OTHER EASEMENTS MAY EXIST ON THE PROPERTY SURVEYED.
- THIS DOCUMENT IS BEING FURNISHED TO WIESER BROTHERS IN THE FORM OF AN AUTOCAD DRAWING. THE PURPOSE OF THE AUTOCAD DRAWING IS FOR USE WITHIN THE AUTOCAD SOFTWARE PROGRAM WITH THE UNDERSTANDING THAT THE CAPABILITY OF AUTOCAD TO DIMENSION AN ELEMENT OF A DRAWING EXCEEDS THE DEGREE OF PRECISION TO WHICH THAT ELEMENT MAY HAVE BEEN LOCATED. FIELD VERIFICATION MAY BE NECESSARY BEFORE DESIGN IS FINALIZED.

LEGEND

● FOUND 3/4" IRON BAR, UNLESS NOTED	○ SET 3/4" x 18" IRON BAR (1.5 LBS/LIN FT)
● FOUND 1" IRON PIPE, UNLESS NOTED	
---	710 --- CONTOUR MAJOR
---	709 --- CONTOUR MINOR
× 709.77 SPOT ELEVATION	× 709.56 T SPOT ELEVATION TOP/BOTTOM
---	FLOW DIRECTION --- SANITARY SEWER
---	FLOW DIRECTION --- STORM SEWER
---	W --- WATERMAIN
---	UGE --- UNDERGROUND ELECTRIC
---	GAS --- UNDERGROUND GAS
---	OHU --- OVERHEAD UTILITY
---	FO --- UNDERGROUND FIBER OPTIC
---	PH --- UNDERGROUND PHONE
---	TV --- UNDERGROUND TELEVISION
⊙	SANITARY MANHOLE
⊙	STORM MANHOLE
⊙	CULVERT
⊙	CURB INLET
⊙	AREA INLET
⊙	WATER MANHOLE
⊙	CURB STOP
⊙	HYDRANT
⊙	WATER METER
⊙	WATER VALVE
⊙	FIBER OPTIC PULLBOX
⊙	ELECTRIC CABINET
⊙	ELECTRIC METER
⊙	TRANSFORMER
⊙	LIGHT POLE
⊙	UNKNOWN PEDESTAL
⊙	UNKNOWN PULLBOX
⊙	BOLLARD
⊙	TACTILE MAT
⊙	HANDICAP DESIGNATION
⊙	FENCE
⊙	DECIDUOUS TREE, SIZE NOTED

LEGAL DESCRIPTION - PARCEL A
LOCATED IN PART OF THE NE1/4 OF THE SW1/4 OF SECTION 12, T16N, R7W, CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.
LOT 26 OF LA CROSSE INTERNATIONAL BUSINESS PARK AS DOCUMENT NUMBER 1240163.
SAID PARCEL CONTAINS 59,738 SQUARE FEET, OR 1.37 ACRES, AND IS SUBJECT TO ALL COVENANTS, RESTRICTIONS AND EASEMENTS, IMPLIED OR RECORDED.

STORM INLET
RIM = 713.74
18" RCP I.E. E (in) = 709.94
18" RCP I.E. W (out) = 709.94
DEPTH = 3.80



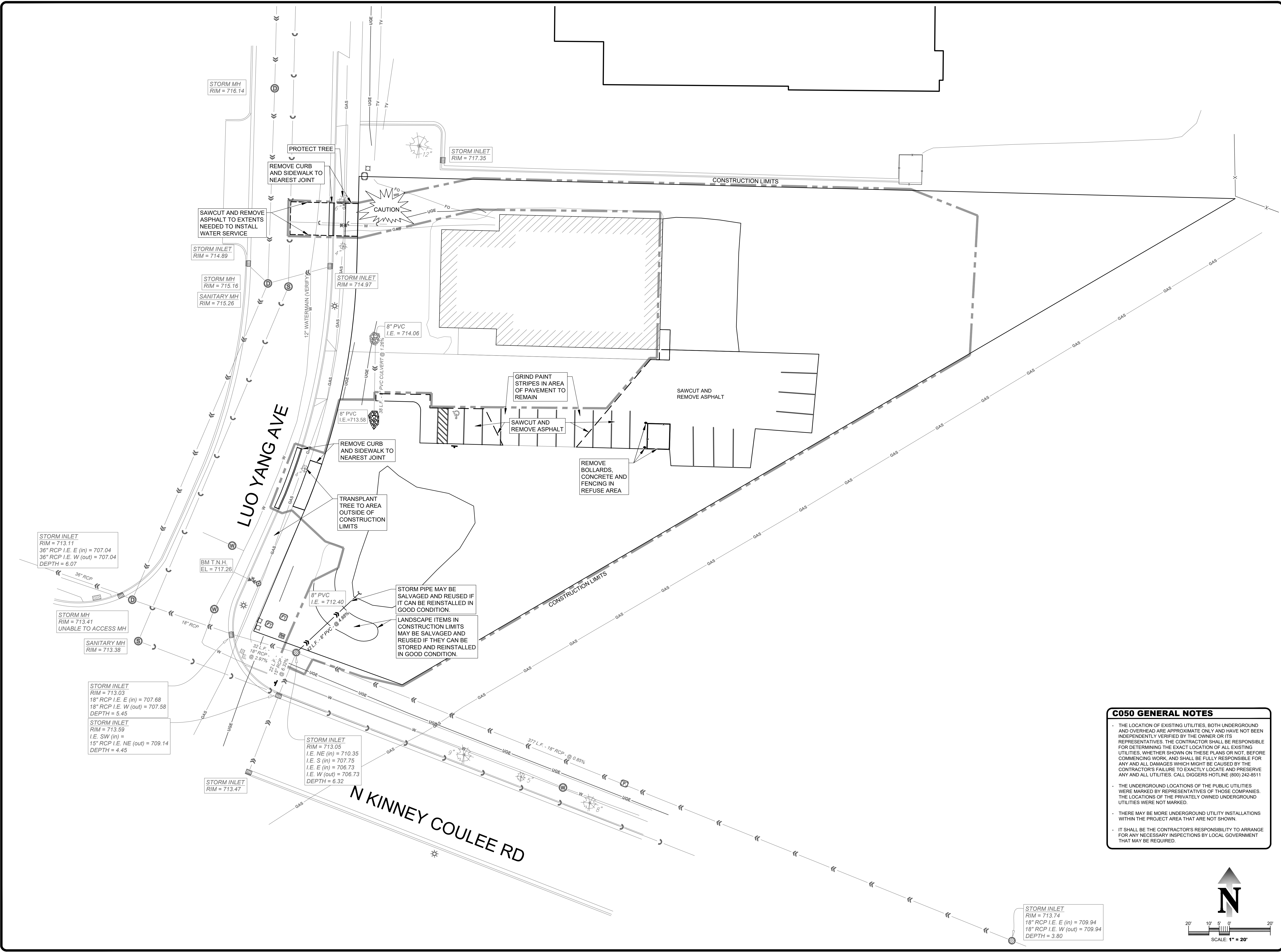
REVISIONS:	DATE:

PREPARED BY:
PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE, SUITE 200
 LA CROSSE, WI 54603
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates.biz

PREPARED FOR:
WIESER BROTHERS
 SITE ADDRESS:
 2946 LUOYANG AVE
 LA CROSSE, WI 54601

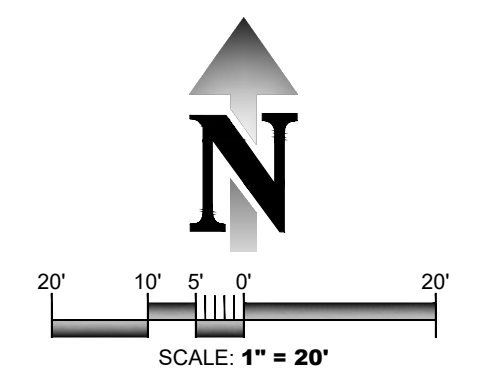
PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
DEMOLITION PLAN

PROJECT No:
21-096
 DRAFTED BY: C.M.G. CHECKED BY: J.S.M.
 DATE: 09/08/21
 CAD FILE: 21-096_Demo Pest 07.dwg
 SCALE: **1" = 20'**
 SHEET No:
C050



C050 GENERAL NOTES

- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. CALL DIGGERS HOTLINE (800) 242-8511
- THE UNDERGROUND LOCATIONS OF THE PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATIONS OF THE PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED.
- THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR ANY NECESSARY INSPECTIONS BY LOCAL GOVERNMENT THAT MAY BE REQUIRED.



PLOT DATE: 9/8/2021 11:08 AM

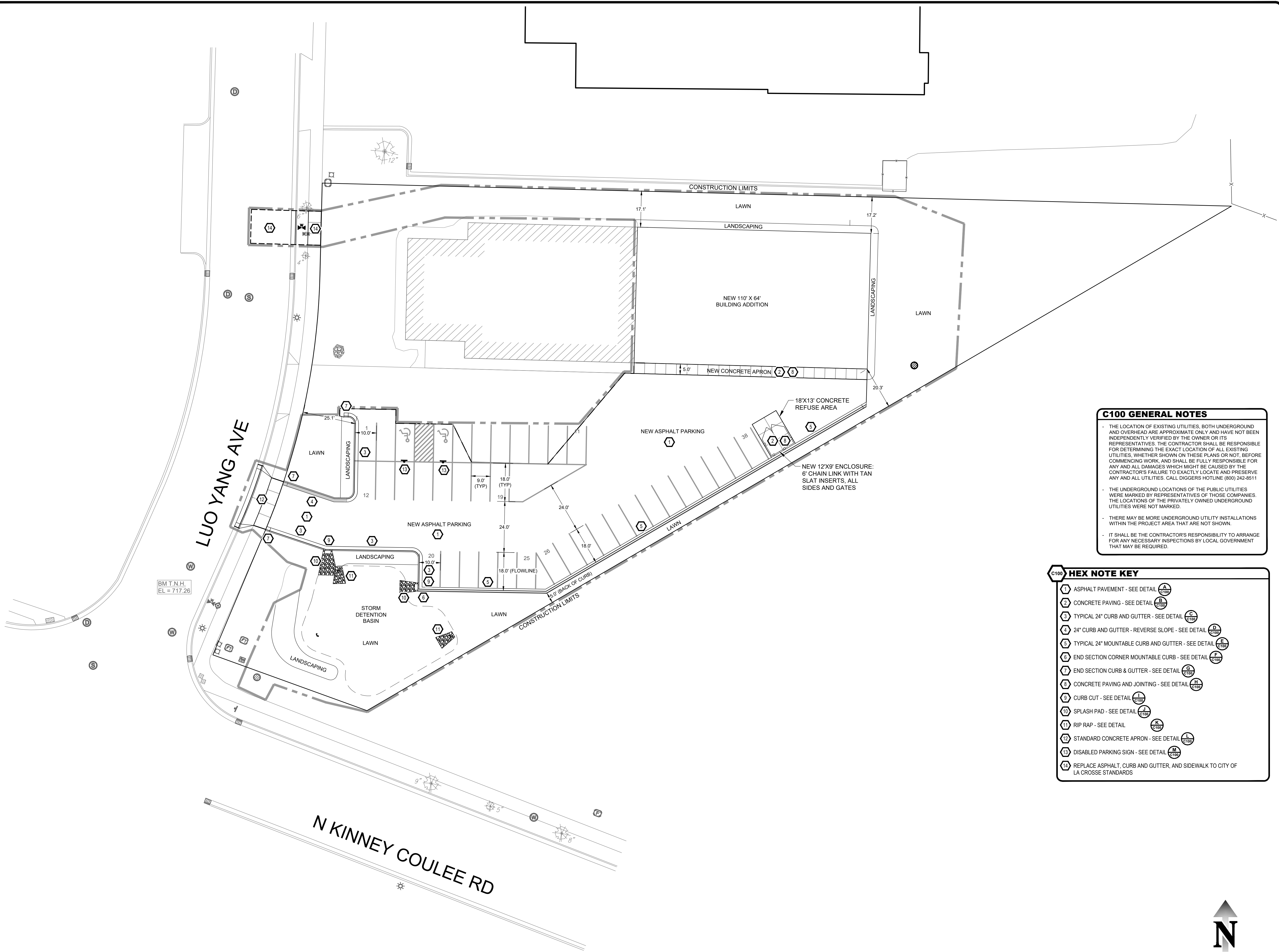
REVISIONS:	DATE:

PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE, SUITE 100
 LA CROSSE, WI 54603
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates.biz

PREPARED BY:
WIESER BROTHERS
 SITE ADDRESS:
**2946 LUOYANG AVE
 LA CROSSE, WI 54601**

PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
SITE PLAN

PROJECT No:
21-096
 DRAFTED BY: C.M.G. CHECKED BY: J.S.M.
 DATE: 09/08/21
 CAD FILE: 21-096_DeBoer Pest 07.dwg
 SCALE: **1" = 20'**
 SHEET No:
C100

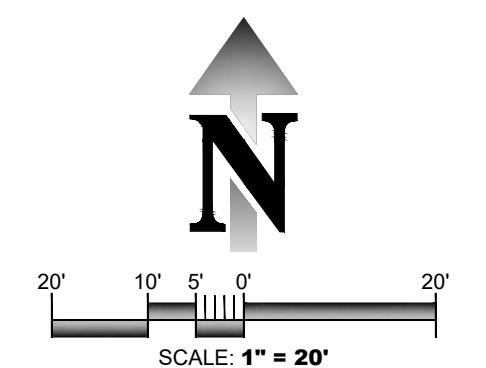


C100 GENERAL NOTES

- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. CALL DIGGERS HOTLINE (800) 242-8511
- THE UNDERGROUND LOCATIONS OF THE PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATIONS OF THE PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED.
- THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR ANY NECESSARY INSPECTIONS BY LOCAL GOVERNMENT THAT MAY BE REQUIRED.

C100 HEX NOTE KEY

1	ASPHALT PAVEMENT - SEE DETAIL A	A	C100
2	CONCRETE PAVING - SEE DETAIL B	B	C100
3	TYPICAL 24" CURB AND GUTTER - SEE DETAIL C	C	C100
4	24" CURB AND GUTTER - REVERSE SLOPE - SEE DETAIL D	D	C100
5	TYPICAL 24" MOUNTABLE CURB AND GUTTER - SEE DETAIL E	E	C100
6	END SECTION CORNER MOUNTABLE CURB - SEE DETAIL F	F	C100
7	END SECTION CURB & GUTTER - SEE DETAIL G	G	C100
8	CONCRETE PAVING AND JOINTING - SEE DETAIL H	H	C100
9	CURB CUT - SEE DETAIL I	I	C100
10	SPLASH PAD - SEE DETAIL J	J	C100
11	RIP RAP - SEE DETAIL K	K	C100
12	STANDARD CONCRETE APRON - SEE DETAIL L	L	C100
13	DISABLED PARKING SIGN - SEE DETAIL M	M	C100
14	REPLACE ASPHALT, CURB AND GUTTER, AND SIDEWALK TO CITY OF LA CROSSE STANDARDS		



PLOT DATE: 9/8/2021 11:09 AM

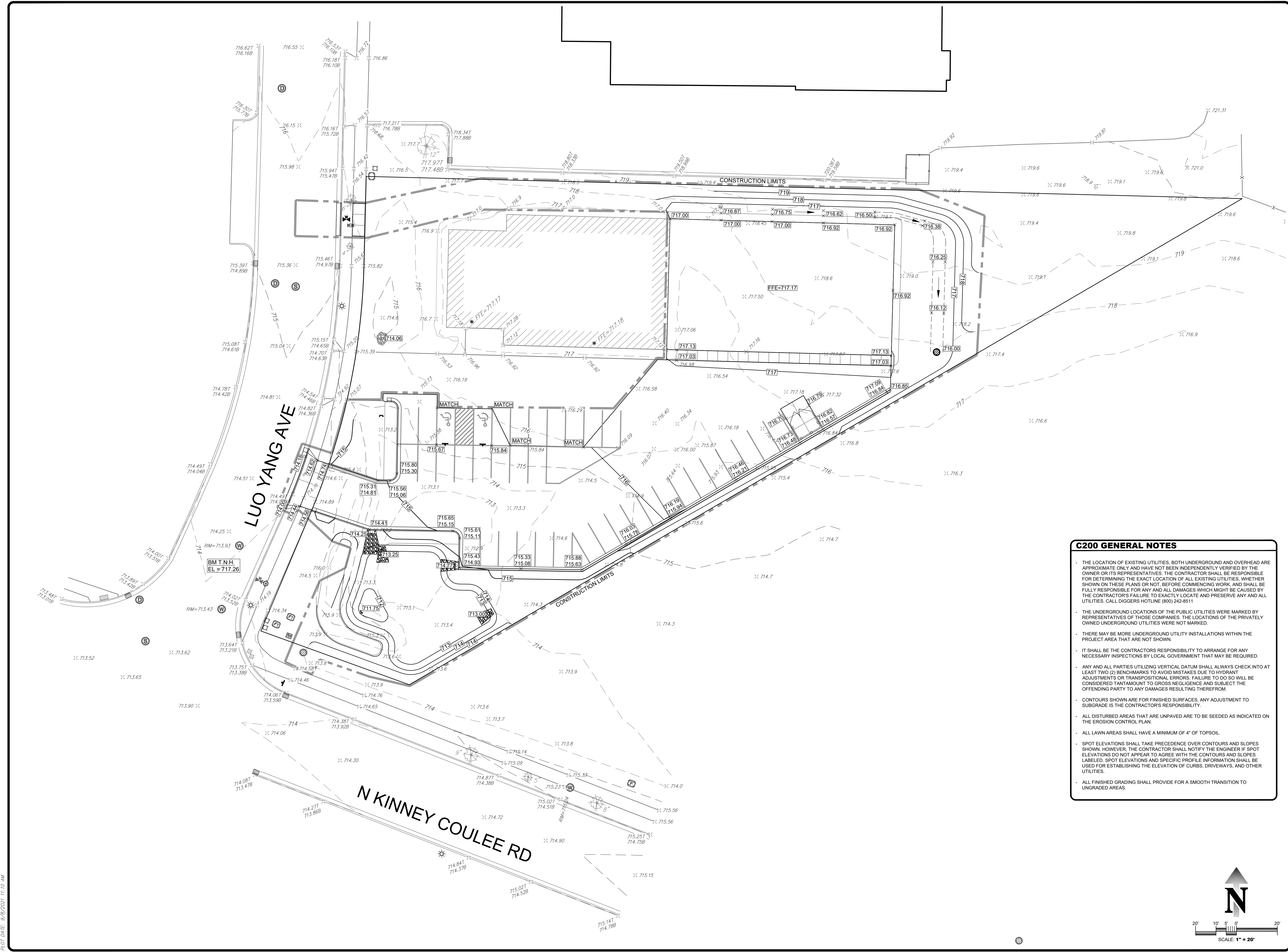
REVISIONS:	DATE:

PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE, SUITE 100
 LA CROSSE, WI 54603
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates.biz

PREPARED BY:
WIESER BROTHERS
 SITE ADDRESS:
**2946 LUOYANG AVE
 LA CROSSE, WI 54601**

PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
GRADING PLAN

PROJECT No:
21-096
 DRAWN BY: C.M.G. CHECKED BY: J.S.M.
 DATE:
09/08/21
 CAD FILE:
 21-096-Deboer Pest 07.dwg
 SCALE:
1" = 20'
 SHEET No:
C200



- C200 GENERAL NOTES**
- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. CALL DIGGERS HOTLINE (800) 242-8511
 - THE UNDERGROUND LOCATIONS OF THE PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATIONS OF THE PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED.
 - THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
 - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ARRANGE FOR ANY NECESSARY INSPECTIONS BY LOCAL GOVERNMENT THAT MAY BE REQUIRED.
 - ANY AND ALL PARTIES UTILIZING VERTICAL DATUM SHALL ALWAYS CHECK INTO AT LEAST TWO (2) BENCHMARKS TO AVOID MISTAKES DUE TO HYDRANT ADJUSTMENTS OR TRANSPOSITIONAL ERRORS. FAILURE TO DO SO WILL BE CONSIDERED TANTAMOUNT TO GROSS NEGLIGENCE AND SUBJECT THE OFFENDING PARTY TO ANY DAMAGES RESULTING THEREFROM.
 - CONTOURS SHOWN ARE FOR FINISHED SURFACES, ANY ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY.
 - ALL DISTURBED AREAS THAT ARE UNPAVED ARE TO BE SEEDED AS INDICATED ON THE EROSION CONTROL PLAN.
 - ALL LAWN AREAS SHALL HAVE A MINIMUM OF 4" OF TOPSOIL.
 - SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. HOWEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF SPOT ELEVATIONS DO NOT APPEAR TO AGREE WITH THE CONTOURS AND SLOPES LABELED. SPOT ELEVATIONS AND SPECIFIC PROFILE INFORMATION SHALL BE USED FOR ESTABLISHING THE ELEVATION OF CURBS, DRIVEWAYS, AND OTHER UTILITIES.
 - ALL FINISHED GRADING SHALL PROVIDE FOR A SMOOTH TRANSITION TO UNGRADED AREAS.

PLOT DATE: 9/8/2021 11:10 AM

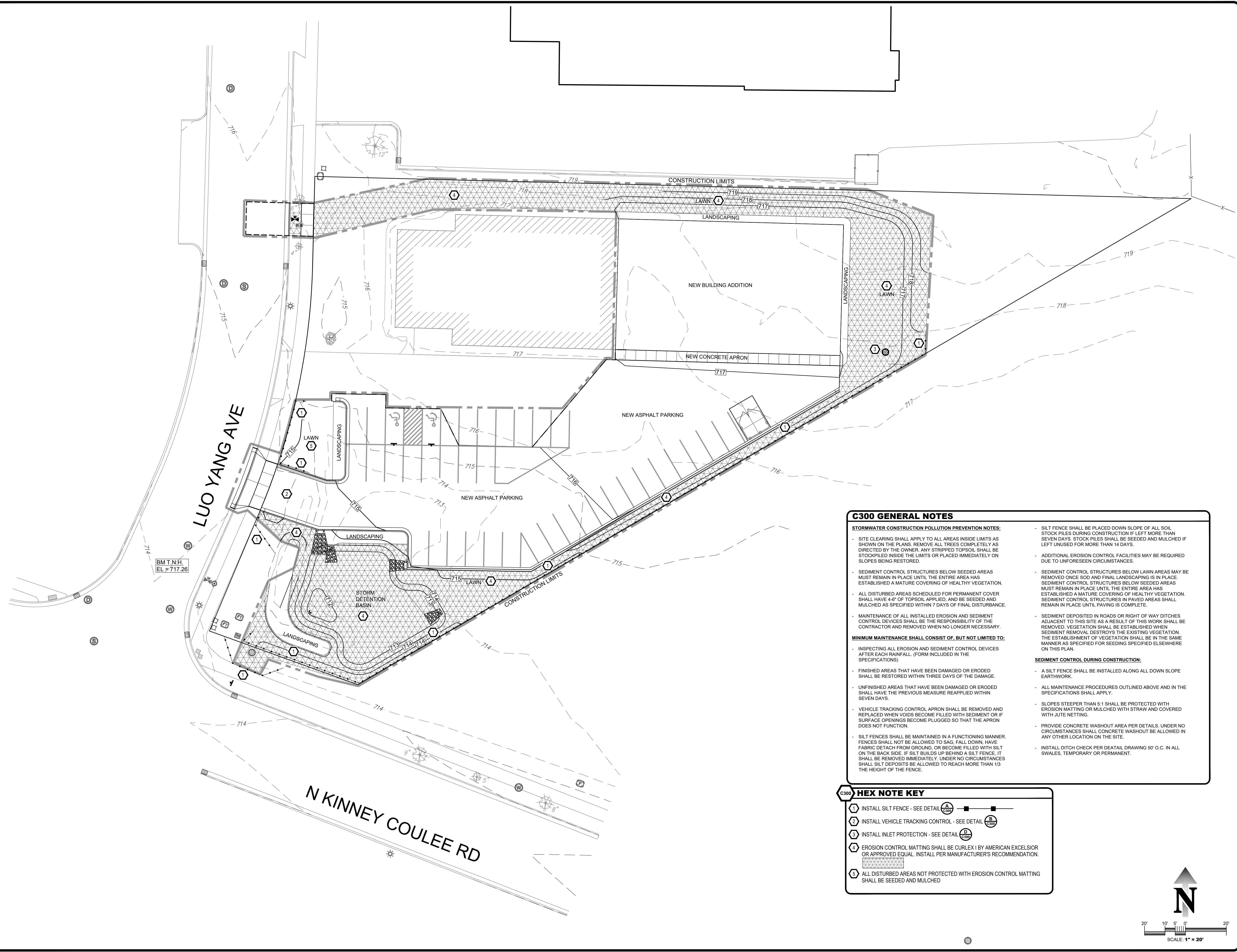
REVISIONS:	DATE:

PREPARED BY:
PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE, SUITE 200
 LA CROSSE, WI 54603
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates.biz

PREPARED FOR:
WIESER BROTHERS
 SITE ADDRESS:
 2946 LUOYANG AVE
 LA CROSSE, WI 54601

PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
EROSION CONTROL PLAN

PROJECT No:
21-096
 DRAFTED BY: C.M.G. CHECKED BY: J.S.M.
 DATE: 09/08/21
 CAD FILE: 21-096_DeBoer Pest 07.dwg
 SCALE: **1" = 20'**
 SHEET No:
C300



C300 GENERAL NOTES

STORMWATER CONSTRUCTION POLLUTION PREVENTION NOTES:

- SITE CLEARING SHALL APPLY TO ALL AREAS INSIDE LIMITS AS SHOWN ON THE PLANS. REMOVE ALL TREES COMPLETELY AS DIRECTED BY THE OWNER. ANY STRIPPED TOPSOIL SHALL BE STOCKPILED INSIDE THE LIMITS OR PLACED IMMEDIATELY ON SLOPES BEING RESTORED.
- SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION.
- ALL DISTURBED AREAS SCHEDULED FOR PERMANENT COVER SHALL HAVE 4" OF TOPSOIL APPLIED, AND BE SEEDED AND MULCHED AS SPECIFIED WITHIN 7 DAYS OF FINAL DISTURBANCE.
- MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY.

MINIMUM MAINTENANCE SHALL CONSIST OF, BUT NOT LIMITED TO:

- INSPECTING ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAINFALL. (FORM INCLUDED IN THE SPECIFICATIONS)
- FINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN THREE DAYS OF THE DAMAGE.
- UNFINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL HAVE THE PREVIOUS MEASURE REAPPLIED WITHIN SEVEN DAYS.
- VEHICLE TRACKING CONTROL APRON SHALL BE REMOVED AND REPLACED WHEN VOIDS BECOME FILLED WITH SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT THE APRON DOES NOT FUNCTION.
- SILT FENCES SHALL BE MAINTAINED IN A FUNCTIONING MANNER. FENCES SHALL NOT BE ALLOWED TO SAG, FALL DOWN, HAVE FABRIC DETACH FROM GROUND, OR BECOME FILLED WITH SILT ON THE BACK SIDE. IF SILT BUILDS UP BEHIND A SILT FENCE, IT SHALL BE REMOVED IMMEDIATELY. UNDER NO CIRCUMSTANCES SHALL SILT DEPOSITS BE ALLOWED TO REACH MORE THAN 1/3 THE HEIGHT OF THE FENCE.

- SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT MORE THAN SEVEN DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT UNUSED FOR MORE THAN 14 DAYS.
- ADDITIONAL EROSION CONTROL FACILITIES MAY BE REQUIRED DUE TO UNFORESEEN CIRCUMSTANCES.
- SEDIMENT CONTROL STRUCTURES BELOW LAWN AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. SEDIMENT CONTROL STRUCTURES IN PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE.
- SEDIMENT DEPOSITED IN ROADS OR RIGHT OF WAY DITCHES ADJACENT TO THIS SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE ESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION. THE ESTABLISHMENT OF VEGETATION SHALL BE IN THE SAME MANNER AS SPECIFIED FOR SEEDING SPECIFIED ELSEWHERE ON THIS PLAN.

SEDIMENT CONTROL DURING CONSTRUCTION:

- A SILT FENCE SHALL BE INSTALLED ALONG ALL DOWN SLOPE EARTHWORK.
- ALL MAINTENANCE PROCEDURES OUTLINED ABOVE AND IN THE SPECIFICATIONS SHALL APPLY.
- SLOPES STEEPER THAN 5:1 SHALL BE PROTECTED WITH EROSION MATTING OR MULCHED WITH STRAW AND COVERED WITH JUTE NETTING.
- PROVIDE CONCRETE WASHOUT AREA PER DETAILS. UNDER NO CIRCUMSTANCES SHALL CONCRETE WASHOUT BE ALLOWED IN ANY OTHER LOCATION ON THE SITE.
- INSTALL DITCH CHECK PER DETAIL DRAWING 50' O.C. IN ALL SWALES, TEMPORARY OR PERMANENT.

- C300 HEX NOTE KEY**
- 1 INSTALL SILT FENCE - SEE DETAIL
 - 2 INSTALL VEHICLE TRACKING CONTROL - SEE DETAIL
 - 3 INSTALL INLET PROTECTION - SEE DETAIL
 - 4 EROSION CONTROL MATTING SHALL BE CURLEX I BY AMERICAN EXCELSIOR OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATION.
 - 5 ALL DISTURBED AREAS NOT PROTECTED WITH EROSION CONTROL MATTING SHALL BE SEEDED AND MULCHED

PLOT DATE: 9/8/2021 11:14 AM

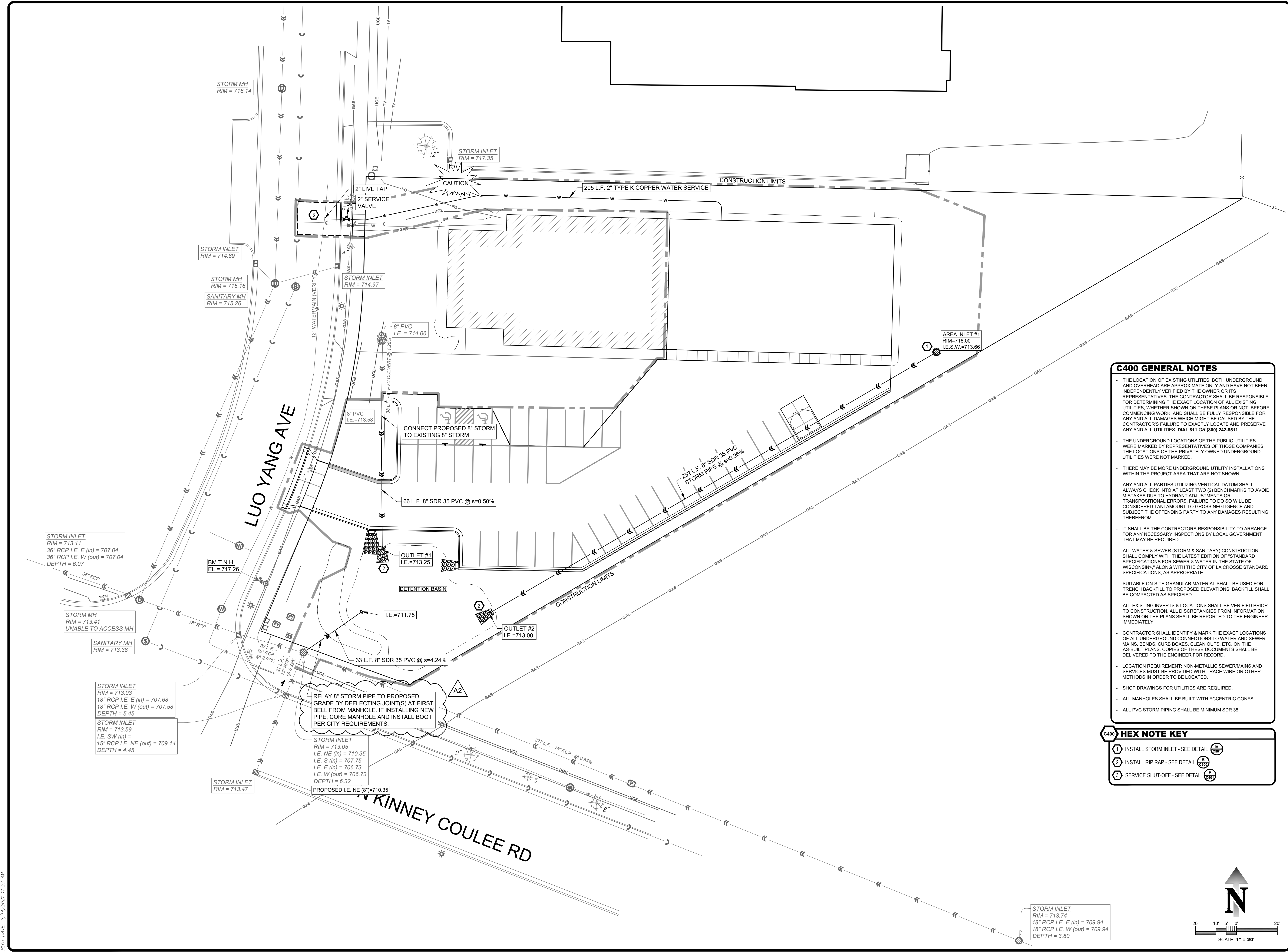
REVISIONS:	DATE:
ADDENDUM #2	09/14/21

PARAGON ASSOCIATES
 Environmental Design & Consulting
 632 COPELAND AVENUE, SUITE 200
 LA CROSSE, WI 54601
 Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates.biz

PREPARED FOR:
WIESER BROTHERS
 SITE ADDRESS:
**2946 LUOYANG AVE
 LA CROSSE, WI 54601**

PROJECT NAME:
DEBOER PEST CONTROL
 SHEET NAME:
UTILITY PLAN

PROJECT No:
21-096
 DRAFTED BY: C.M.G. CHECKED BY: J.S.M.
 DATE: 09/08/21
 CAD FILE: 21-096 Deboer Pest UTPlan.dwg
 SCALE: **1" = 20'**
 SHEET No:
C400



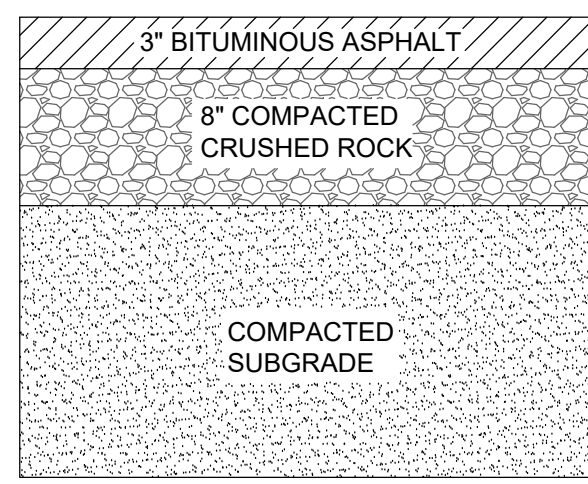
C400 GENERAL NOTES

- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. DIAL 811 OR (800) 242-8511.
- THE UNDERGROUND LOCATIONS OF THE PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATIONS OF THE PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED.
- THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- ANY AND ALL PARTIES UTILIZING VERTICAL DATUM SHALL ALWAYS CHECK INTO AT LEAST TWO (2) BENCHMARKS TO AVOID MISTAKES DUE TO HYDRANT ADJUSTMENTS OR TRANSPOSITIONAL ERRORS. FAILURE TO DO SO WILL BE CONSIDERED TANTAMOUNT TO GROSS NEGLIGENCE AND SUBJECT THE OFFENDING PARTY TO ANY DAMAGES RESULTING THEREFROM.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ARRANGE FOR ANY NECESSARY INSPECTIONS BY LOCAL GOVERNMENT THAT MAY BE REQUIRED.
- ALL WATER & SEWER (STORM & SANITARY) CONSTRUCTION SHALL COMPLY WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR SEWER & WATER IN THE STATE OF WISCONSIN" - ALONG WITH THE CITY OF LA CROSSE STANDARD SPECIFICATIONS, AS APPROPRIATE.
- SUITABLE ON-SITE GRANULAR MATERIAL SHALL BE USED FOR TRENCH BACKFILL TO PROPOSED ELEVATIONS. BACKFILL SHALL BE COMPACTED AS SPECIFIED.
- ALL EXISTING INVERTS & LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. ALL DISCREPANCIES FROM INFORMATION SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL IDENTIFY & MARK THE EXACT LOCATIONS OF ALL UNDERGROUND CONNECTIONS TO WATER AND SEWER MAINS, BENDS, CURB BOXES, CLEAN OUTS, ETC. ON THE AS-BUILT PLANS. COPIES OF THESE DOCUMENTS SHALL BE DELIVERED TO THE ENGINEER FOR RECORD.
- LOCATION REQUIREMENT: NON-METALLIC SEWERMAINS AND SERVICES MUST BE PROVIDED WITH TRACE WIRE OR OTHER METHODS IN ORDER TO BE LOCATED.
- SHOP DRAWINGS FOR UTILITIES ARE REQUIRED.
- ALL MANHOLES SHALL BE BUILT WITH ECCENTRIC CONES.
- ALL PVC STORM PIPING SHALL BE MINIMUM SDR 35.

C400 HEX NOTE KEY

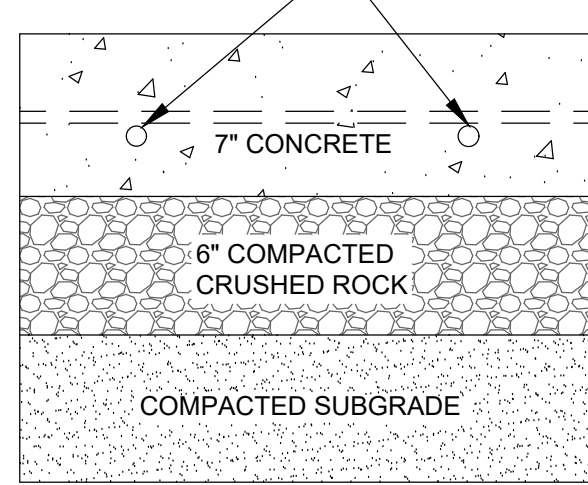
- 1 INSTALL STORM INLET - SEE DETAIL (E)
- 2 INSTALL RIP RAP - SEE DETAIL (R)
- 3 SERVICE SHUT-OFF - SEE DETAIL (F)

PLOT DATE: 9/14/2021 11:27 AM

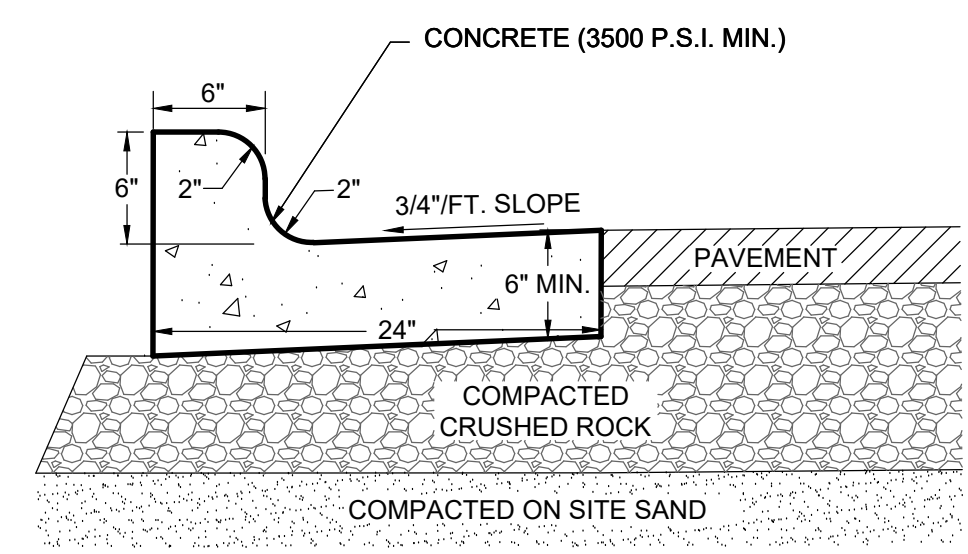


PLACE PAVEMENT USING ONE 1 1/2" SURFACE LIFT OVER ONE 1 1/2" BINDER LIFT.

A ASPHALT PAVEMENT SECTION DETAIL
 C100 NO SCALE

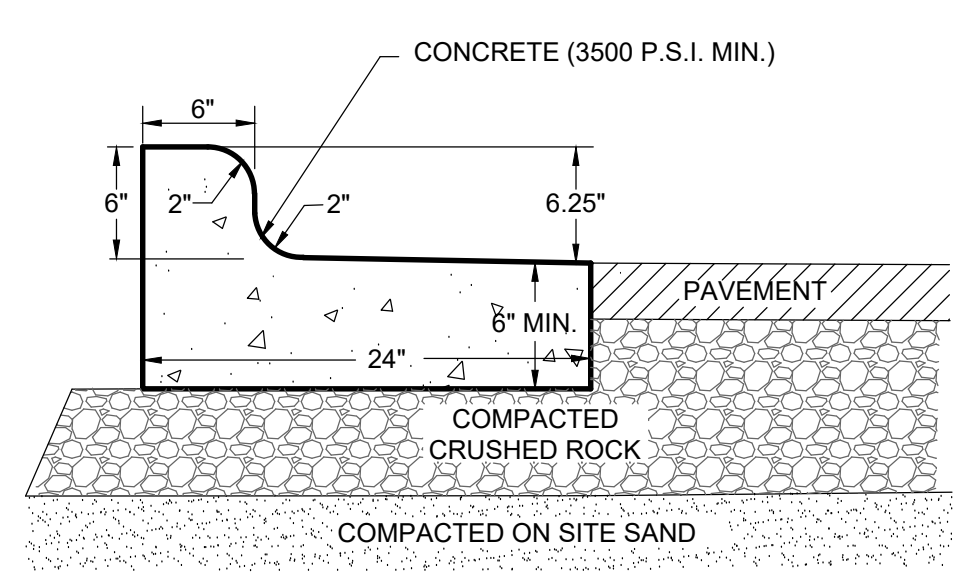


B CONCRETE PAVEMENT SECTION DETAIL
 C100 NO SCALE



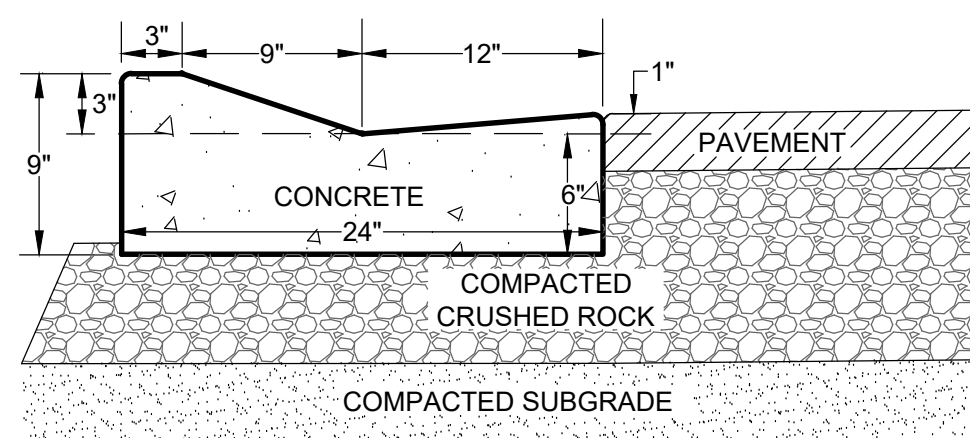
NOTE: 1 CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6
 2 THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED

C TYPICAL 24" CURB AND GUTTER SECTION
 C100 NO SCALE



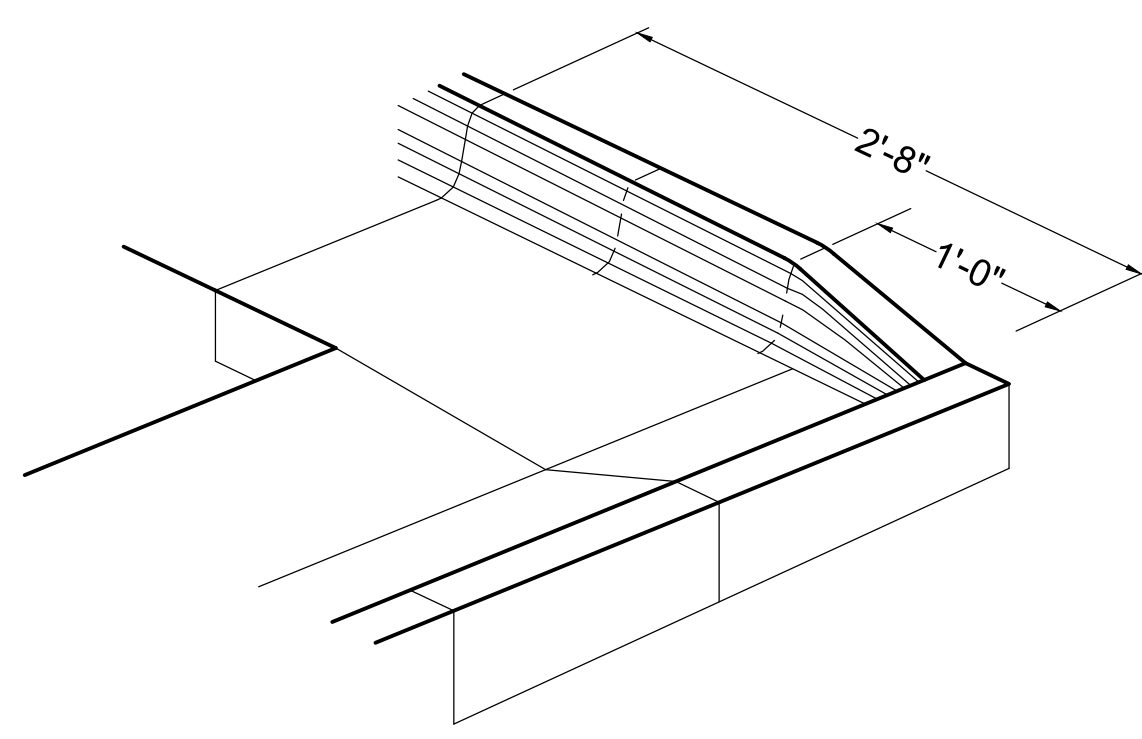
NOTE: 1 CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6
 2 THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED

D 24" CURB AND GUTTER SECTION - REVERSE SLOPE
 C100 NO SCALE

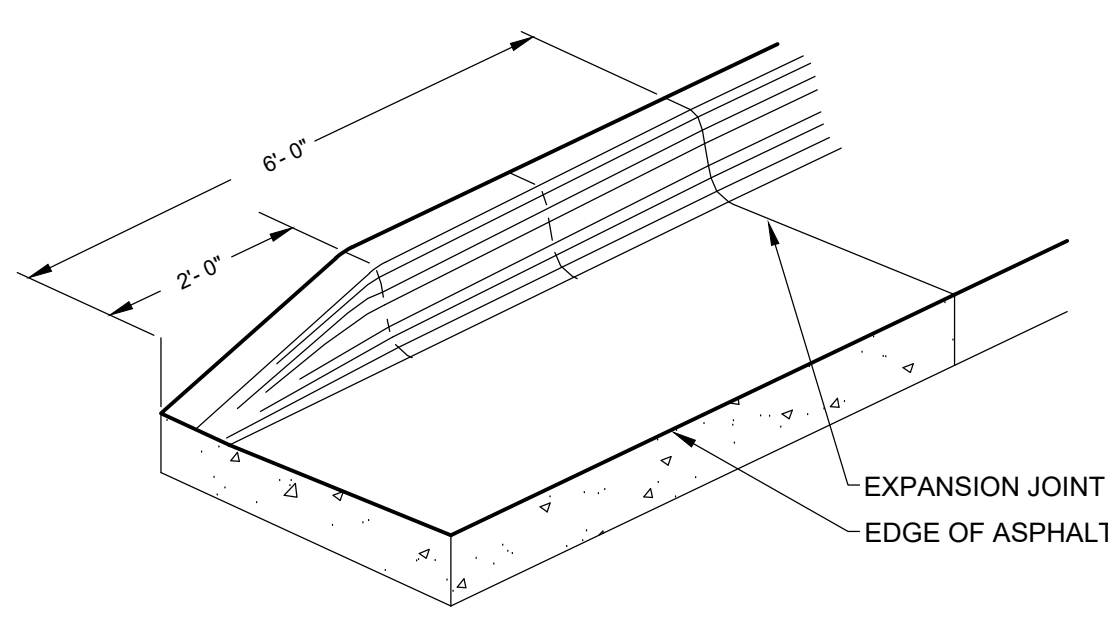


NOTE: ROCK UNDER CURB TO BE SAME DEPTH TO SUBGRADE AS ADJACENT PAVEMENT. HOWEVER, NOT LESS THAN 6".

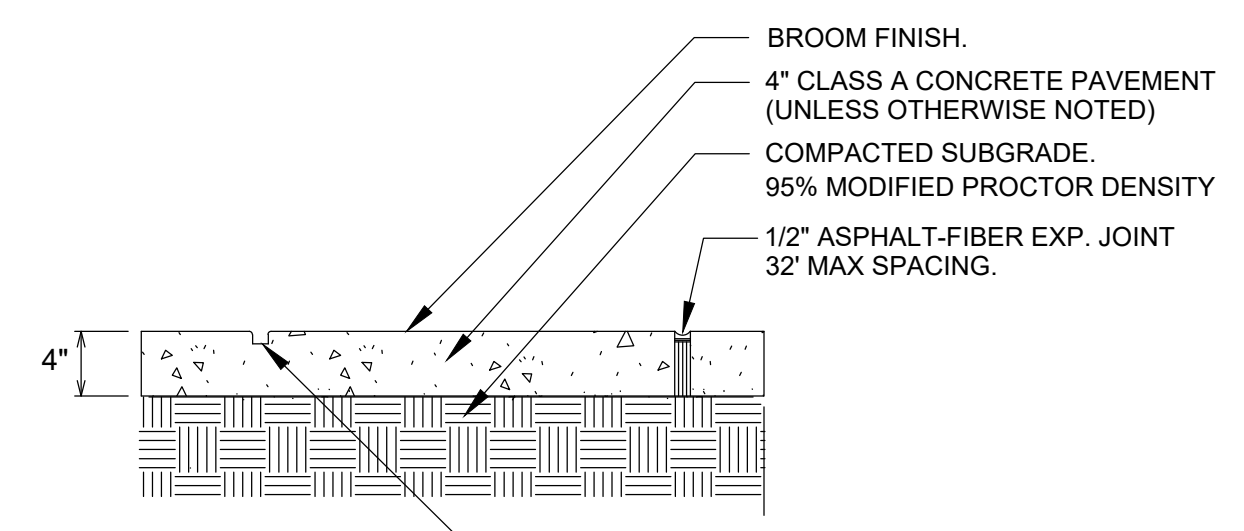
E TYPICAL 24" MOUNTABLE CURB AND GUTTER
 C100 NO SCALE



F END SECTION CORNER MOUNTABLE CURB
 C100 NO SCALE

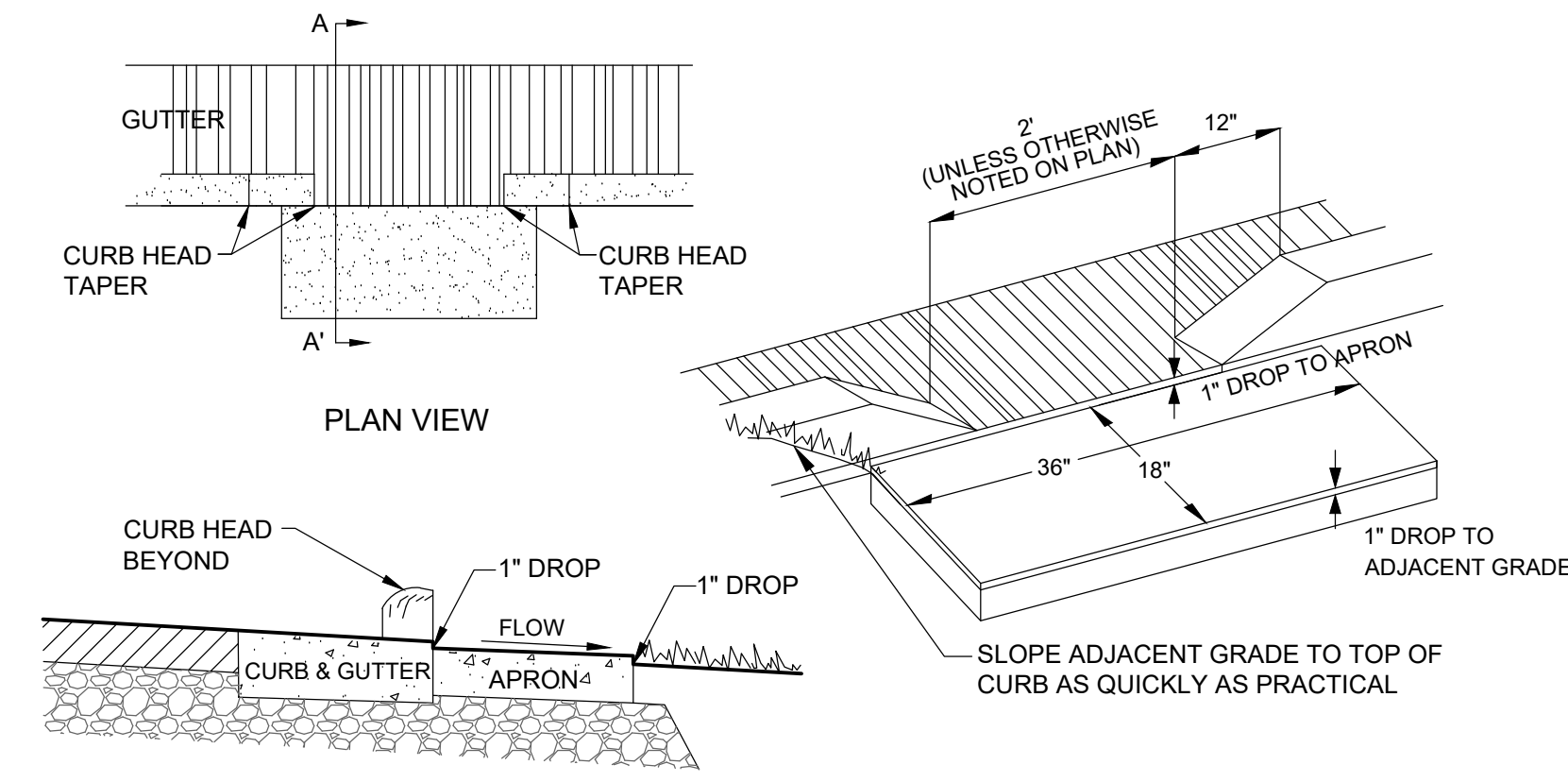


G END SECTION CURB & GUTTER
 C100 NO SCALE

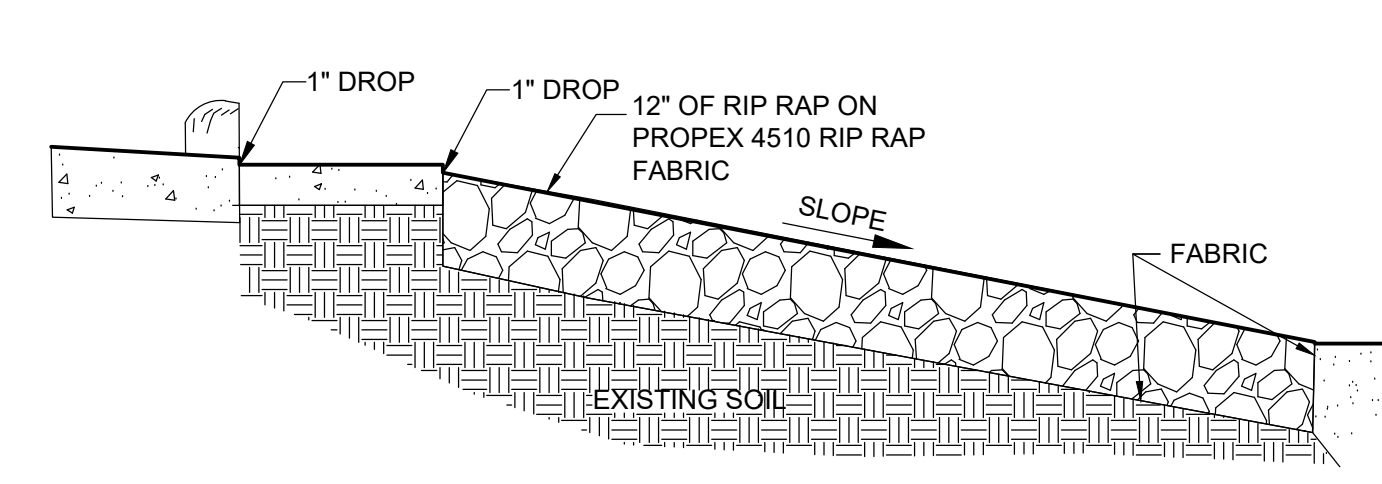


NOTE: SIDEWALK IN DRIVEWAY SECTIONS SHALL BE 6" THICK
 CONTROL JOINT 8" MAXIMUM SPACING.

H CONCRETE PAVING AND JOINTING
 C100 NO SCALE

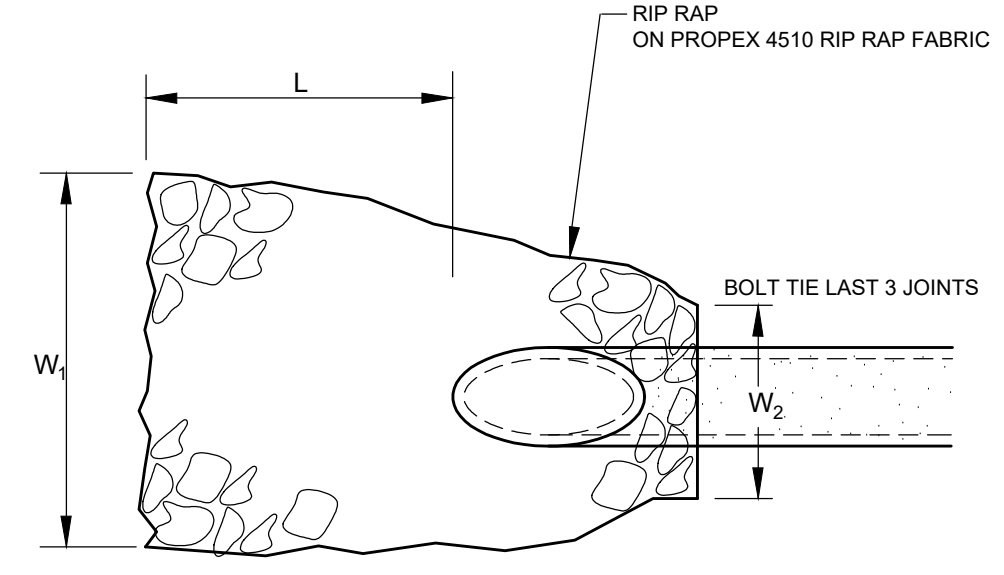


I CURB CUT DETAIL
 C100 NO SCALE

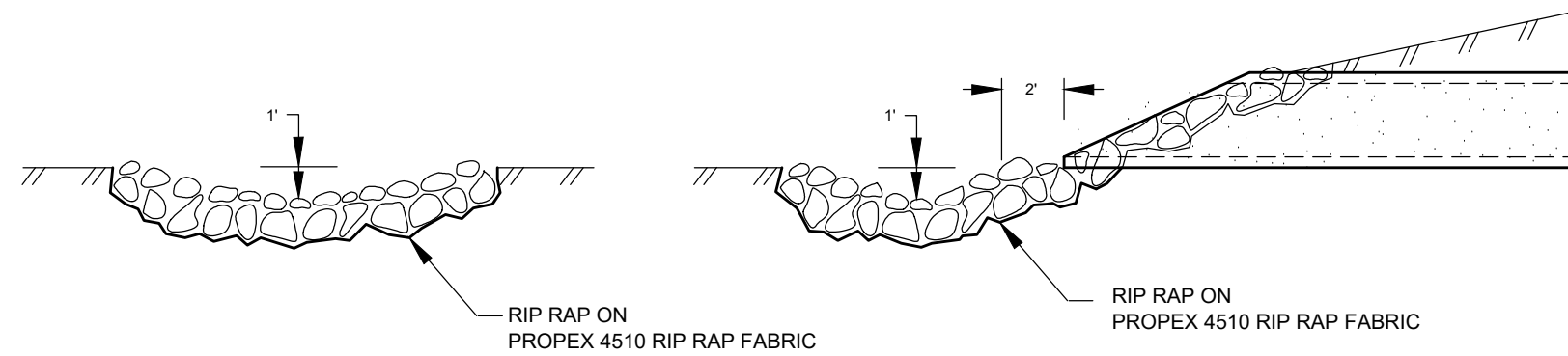


J SPLASH PAD SECTION
 C100 NO SCALE

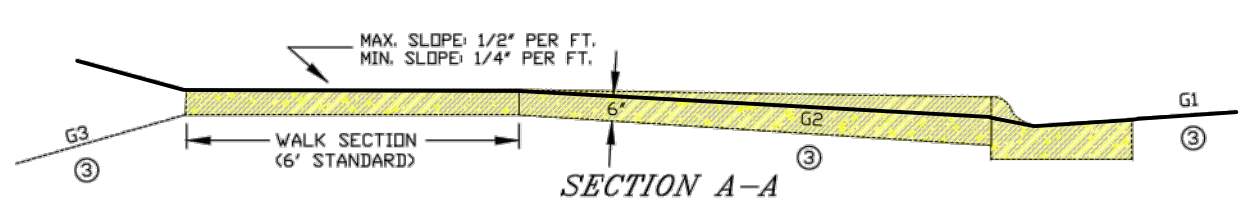
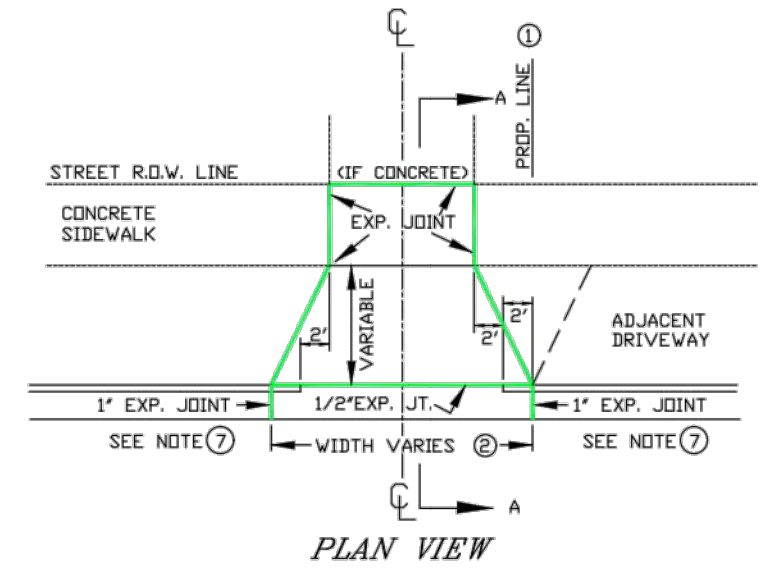
OUTFALL #1
I.E. = 713.25
L = 6'
W ₁ = 6'
W ₂ = 3'
d ₅₀ = 12"
THICKNESS = 18"
OUTFALL #2
I.E. = 713.00
L = 6'
W ₁ = 6'
W ₂ = 3'
d ₅₀ = 12"
THICKNESS = 18"



K RIP RAP DETAIL
 C100 NO SCALE



DRAWINGS NOT TO SCALE

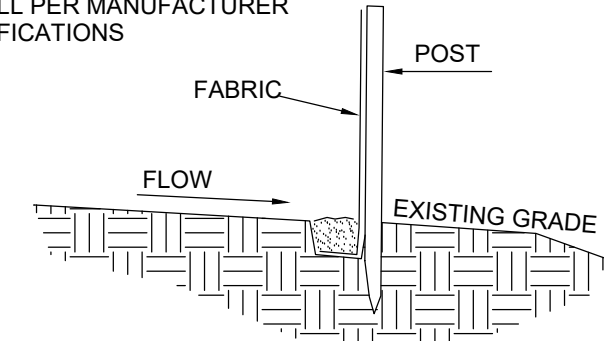


- DRIVE SECTION SHALL NOT OVERLAP PROPERTY LINE EXTENDED, EXCEPT WHERE PERMITTED BY THE ENGINEER, OR WHEN A JOINT DRIVEWAY AGREEMENT IS EXECUTED BY OWNERS OF ADJACENT PROPERTIES.
 - MAX. DRIVEWAY WIDTH AT THE CURB AND SIDEWALK IS SET FORTH IN CITY ORDINANCE 5.03.
 - THE BREAKOVER ANGLE (CAUSE OF CARS BOTTOMING) BECOMES CRITICAL WHEN THE ALGEBRAIC DIFFERENCE OF GRADES (G₁, G₂, & G₃) EXCEEDS 11%.
 - BACK OF CURB TO FRONT OF CONC. SIDEWALK MUST BE CONCRETE, BRICK OR ASPHALTIC BITUMINOUS.
 - MECHANICAL COMPACTION OF SUBSIL IN LAYERS LESS THAN 12" TO ACHIEVE MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR IS REQUIRED. (INCLUDING STREET SIDE AFTER FORMS ARE REMOVED)
 - EXPANSION JOINT IS REQUIRED AT BOTH ENDS OF DRIVEWAY WHEN ONLY DRIVEWAY IS INSTALLED OR REPLACED. WHEN ENTIRE BLOCK OF CURB & GUTTER IS INSTALLED THE EXPANSION JOINT AT DRIVEWAY ENDS MAY BE OMITTED.
- NOTE: TURNING OF 2" DIAMETER DRIVEWAY RETURNS IN LIEU OF DIMINISHING HEAD AS SHOWN IS PERMITTED IF DESIRED BY PROPERTY OWNER. INSTALLATION OF A DRIVEWAY BY REMOVING EXISTING CURB HEAD ONLY IS NOT ALLOWED. ENTIRE EXISTING C&G MUST BE REMOVED FOR NEW DRIVEWAYS. REMOVAL OF A MINIMUM 12" WIDTH OF BITUMINOUS TO INSTALL FRONT FORMS IS REQUIRED.

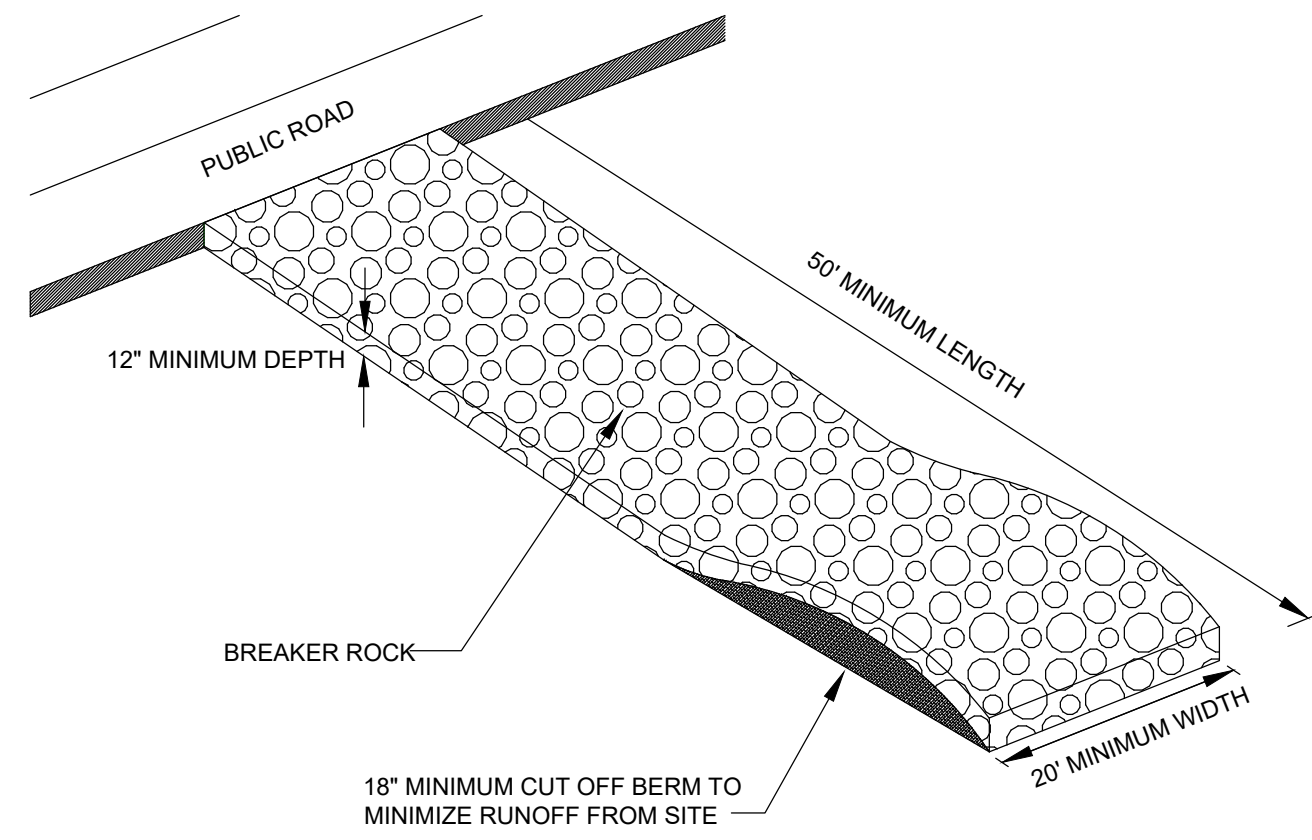
STANDARD DRIVEWAY DETAIL

L STANDARD CONCRETE APRON
 C100 No Scale

NOTE:
-REFER TO:
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
CONSTRUCTION SITE EROSION & SEDIMENT CONTROL
STANDARD SILT FENCE (1056)
-INSTALL PER MANUFACTURER
SPECIFICATIONS

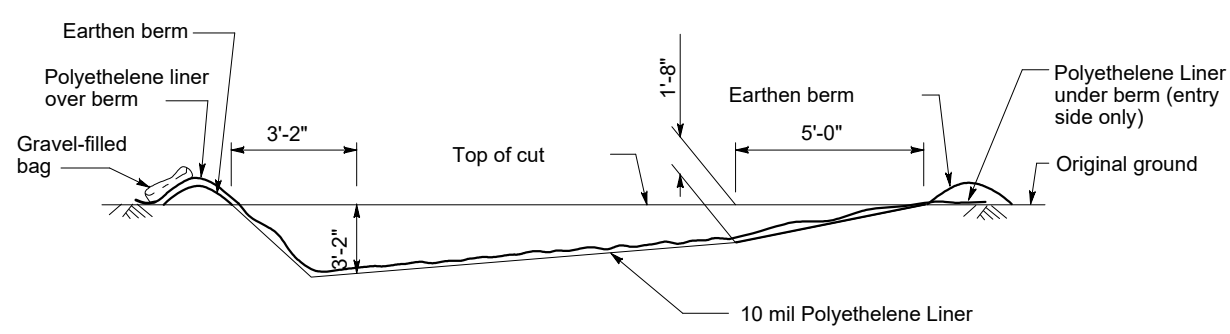


A TYPICAL SILT FENCE INSTALLATION
C300 NO SCALE

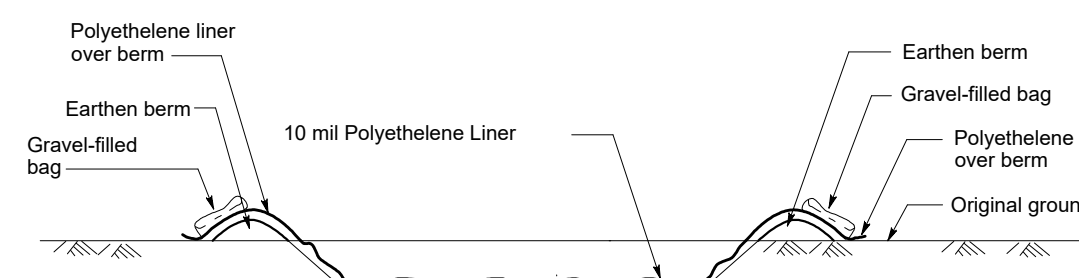


NOTES:
1. PLACE FILTER FABRIC (PROPEX 2002 OR EQUAL) UNDER BREAKER ROCK TO PREVENT MUD MIGRATION THROUGH ROCK.
2. ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

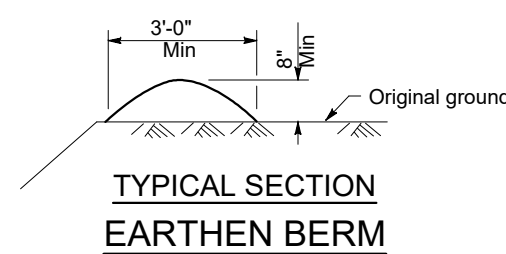
B VEHICLE TRACKING CONTROL
C300 NO SCALE



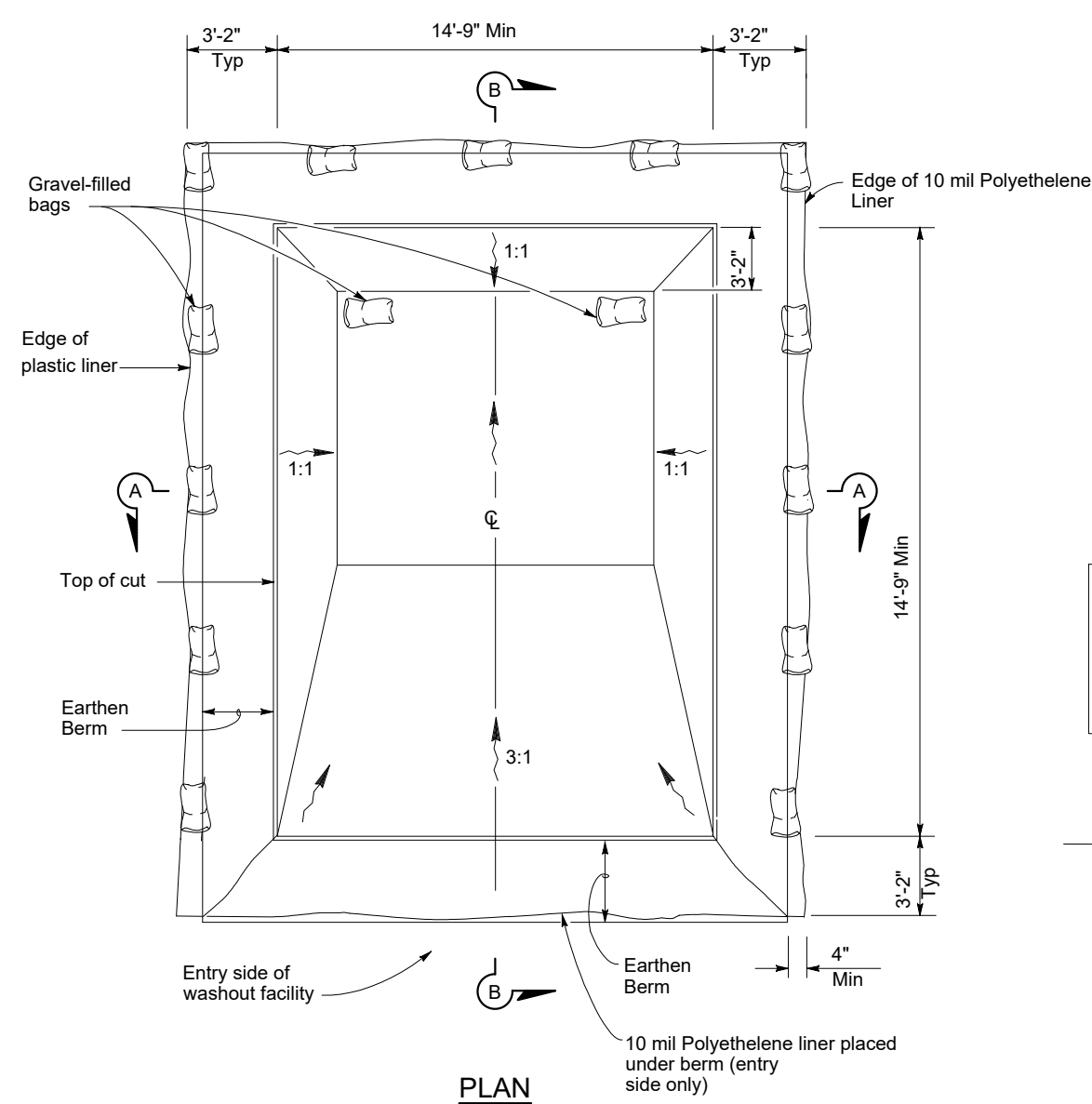
SECTION B-B



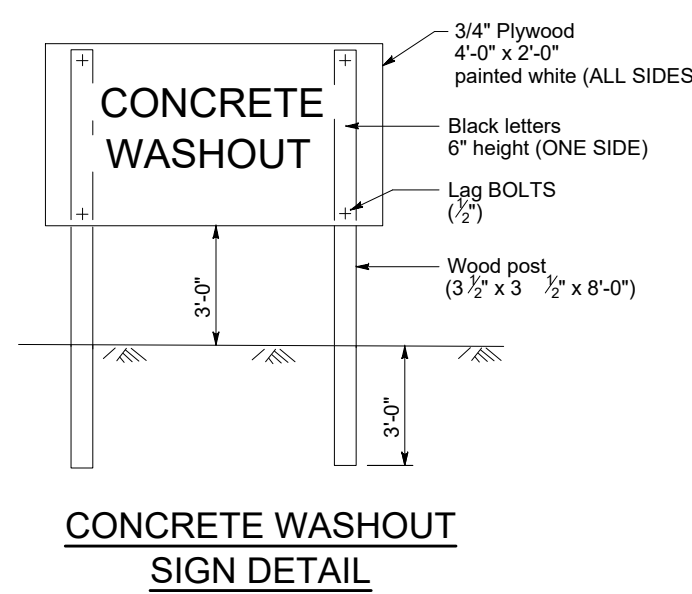
SECTION A-A



TYPICAL SECTION EARTHEN BERM

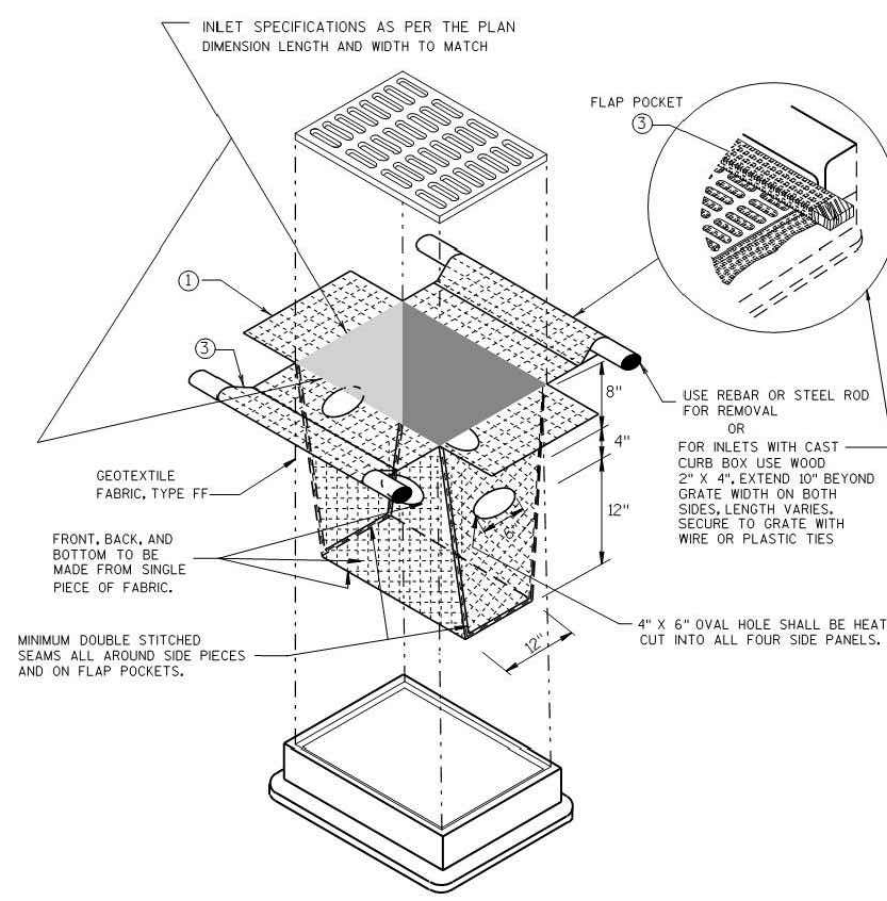


PLAN



CONCRETE WASHOUT SIGN DETAIL

C TEMPORARY CONCRETE WASHOUT FACILITY
C300 NO SCALE

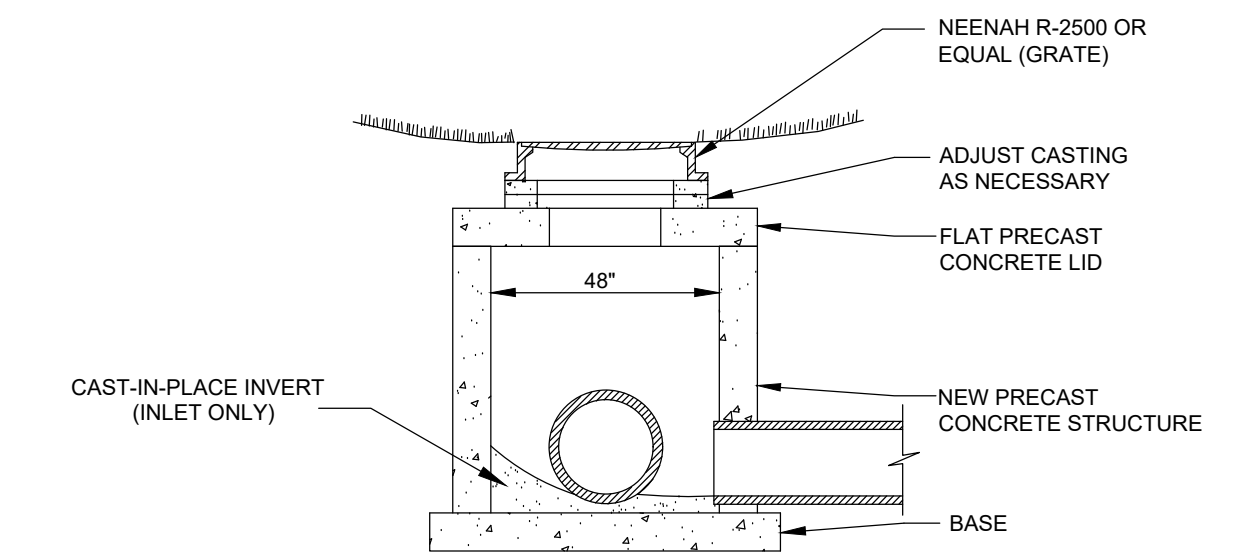


INLET PROTECTION, TYPE D

TYPE D
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SMALLER 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 OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CRACK 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.

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

D INLET PROTECTION
C300 NO SCALE



E INLET FOR STORM SEWER
C400 NO SCALE

DETAIL OF SERVICE SHUT-OFF

SERVICE PIPE	CORP. STOP	CURB STOP	SERVICE BOX
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4" X 1 1/2"	1 1/2"	3"
2"	1 1/2" X 2"	2"	3"

CURB BOX : SEVEN FOOT BOX WITHOUT ROD-MUELLER # H10314, MC DONALD # 5601 OR EQUAL
54" or 57" ROD : MUELLER # 82868, MC DONALD # 5660 OR EQUAL
LID : MUELLER # 87081, MC DONALD # 5601-L OR EQUAL

NOTE: SERVICES SMALLER THAN 1" ARE TO BE TAPPED 45° TO VERTICAL ON WATERMAIN

PROJECT: WATERMAIN DETAILS
ENGINEERING DEPT. City of La Crosse, WI.
RESOLUTION: DATE:
SHEET NO. D-3 TOTAL SHEETS

F SERVICE SHUT-OFF DETAIL
C400 NO SCALE

REVISIONS:	DATE:

PREPARED BY:
PARAGON ASSOCIATES
Environmental Design & Consulting
1000 W. LA CROSSE AVENUE, SUITE 200
LA CROSSE, WI 54603
Tel: 608.781.3110 Fax: 608.781.3197 Paragon-Associates

PREPARED FOR:
WIESER BROTHERS
SITE ADDRESS:
2946 LUOYANG AVE
LA CROSSE, WI 54601

PROJECT NAME:
DEBOER PEST CONTROL
SHEET NAME:
DETAILS

PROJECT No: **21-096**
DRAWN BY: C.M.G. CHECKED BY: J.S.M.
DATE: 09/08/21
SCALE: 1" = 20'
SHEET No: **C501**

PLOT DATE: 9/8/2021 11:23 AM