# VILLAGE OF PARDEEVILLE PLAN COMMISSION AGENDA Village Hall – 114 Lake Street, Pardeeville Tuesday, August 8, 2023 at 6:00 PM

- I. Call to Order
- II. Roll Call
- III. Agenda Approval
- IV. Minutes Approval
- V. PUBLIC HEARING:
  - A. Open Public Hearing
    - 1. Public Hearing To consider request for rezone from M-1 to B-2 for Mr. Schaper, owner of parcel #11171-301.A3. This parcel contains 0.82 acres
    - 2. Close Public Hearing

### VI. NEW BUSINESS:

- A. Public Hearing to consider request for rezone for parcel #11171-301.A3
- B. Family Dollar/Dollar Tree Site Plan Review

VII. <u>ADJOURN</u>

Kayla Lindert, Clerk/Treasurer

Posted: 08/02/2023

The Village Hall is accessible to the handicapped. If you require additional assistance, please contact the Village Office no later than 48 hours prior to the meeting date. Phone 608-429-3121. If members are present from other recognized Boards, Commissions, or Committees which may constitute a quorum, the meeting is presumed to be for the above-stated agenda/purpose. An updated agenda may be posted 24 hours before meeting time.

### VILLAGE OF PARDEEVILLE PLAN COMMISSION MINUTES

### Village Hall – 114 Lake Street, Pardeeville Tuesday, June 6, 2023 at 5:15 PM – 5:45 PM

Call to Order – Haynes called the meeting to order at 5:17 PM

**Roll Call** – All members present except for Carabella and Griepentrog. Also present is Administrator/DPW Salmon, Clerk/Treasurer Lindert, and Trustee Taylor. Griepentrog joined the meeting at 5:21 PM.

Agenda Approval – Motion to approve Pease/Woxland. Motion carries unanimously.

Minutes Approval – Motion to approve minutes as presented Woxland/Killoran. Abrath abstain. Motion carries.

#### **NEW BUSINESS**:

#### 107 Gillette St. - Gillette Heart CBRF

- Haynes opened up reason for agenda item. Woxland further described 107 Gillette St. and history on property.
- -Some questions came up and owner is not joining virtually
- -Discussion on building plans included in packet. Discussion on rooms and number of beds in room
- -Motion to approve building plans at 107 Gillette St. as presented tonight Gripentrog/Abrath. Motion carries unanimously.

ADJOURN - Haynes adjourned meeting at 5:28 PM

Kayla Lindert, Clerk/Treasurer Approved:

114 Lake Street Pardeeville, WI 53954

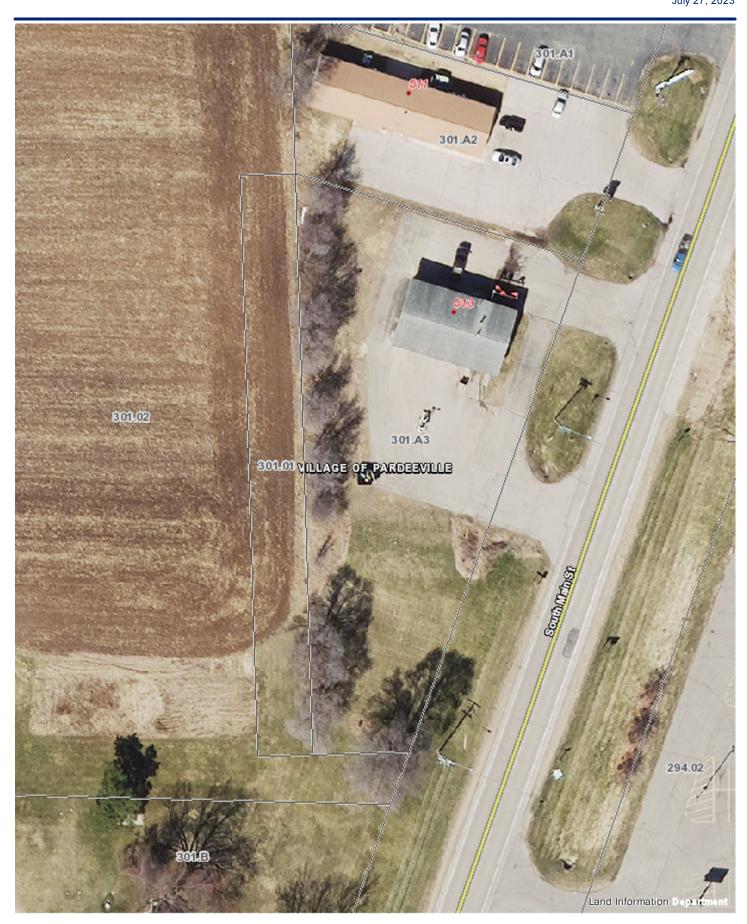
1-608/429-3121

### REZONE APPLICATION

FAX 1-608/429-3714

(If	this application is denied the	ION FEE \$150.00 Village retains \$100 and to	efinds \$50)
APPLICANT NAME(8):	MAROIL C/O RI	CHARD "MURPH	" SCHAPER Reduct
APPLICANT ADDRESS;	W4396 CTH E	PARDEEVILLE, W	1 5 39 5 4
	3- 617-4612		
SITE OWNER, IF DIFFER	ENT FROM APPLICANT(s	): <u>5</u> AME	
	ER(s):		
	and the second s		
CONTRACTOR, IF APPL	ICABLE: N/A	the space of the state of the s	annaninga spanismaningan to manananan kejada ang pigananan ki ili dan kananan ki ili dan kananan ki ili dan ka
			The state of the s
1.) New building. 2.) Remodeling or enlar 3.) Use will become put 4.) Use to become commoderate of Survey prepared by a Zoning Fermit may be requited.) Mean and Historic h	nder the following condition ging of existing rooms, chan blo versus private, i.e. Bed & neroial versus private, registered land surveyor sho red by the Planning Commis igh water lines on or within 4	ging of entry or exits, etc. Breakfasts, meeting halls wing all the information s	s, etc.  as required by Section 58-11 for a
2.) Existing or proposed	<b>.</b>	tttttt.	
	your architect or professiona		i.
			and the second s
ENGINEER: N/	HEWITT -	лице жо	77770 d

DESCRIPTION OF SUBJECT SITE:		
Legal Description: PARCEL NO.	11171-301. A3	FORMERLY KNOWN AS
LOT 3, CSM 1077.	CONTAINING	0.82 ACRES
American property of the control of	antau un sono mandro a arrenne mandro de la	
Address: 513 5. MAIN	57.	The state of the s
Current Zoning: M-1	Current Use;	B-2
Business Type, If Applicable:		
Requested Zoning: 8-2		T to the three parameters received by
Proposed Use (make sure it meets ordinan		
		LOT AR 6A = 0.82 AC.
inches	46 100	\$ <del>\$</del>
Residential; Total # of dwelling units proposed:		of Parking Stalls off-street:
Commercial; Type of Business:	Hours of	operation:
iketch of Site: (To include lot size, buildin hange)	ng placement, parking, load	ding, highway access points <u>before</u> propose
SEE ATTACHED	DRAFT CSM	





### DOC # 958181

REGISTER OF DEEDS COLUMBIA COUNTY

RECORDED ON: 07/12/2022 01:54:13 PM PAGES: 2

LISA KRINTZ REGISTER OF DEEDS REC FEE: 30.00

AS prepared by:

GROTHMAN

& ASSOCIATES S.C.
PROFESSIONAL SERVICES

625 EAST SUFER STREET, P.O. BOX 373 PORTIAGE, WI. 53001 PHONE: PORTIAGE: (608) 742-7788 SAUK: (608) 644-8677 FAX: (808) 742-0434 E-MAR: surveying@grathman.com (RE) LOGO REPRESENTS THE ORDINAL MP)

G & A FILE NO. <u>522-210</u>

N6776 STATE ROAD 22

PARDEEVILLE, WI 53954

DRAFTED BY: <u>L. DEBOER</u>
CHECKED BY: <u>SPH</u>

PROJ. 221-127

DWG. 522-210

SHEET 1 OF 2

SEAL:

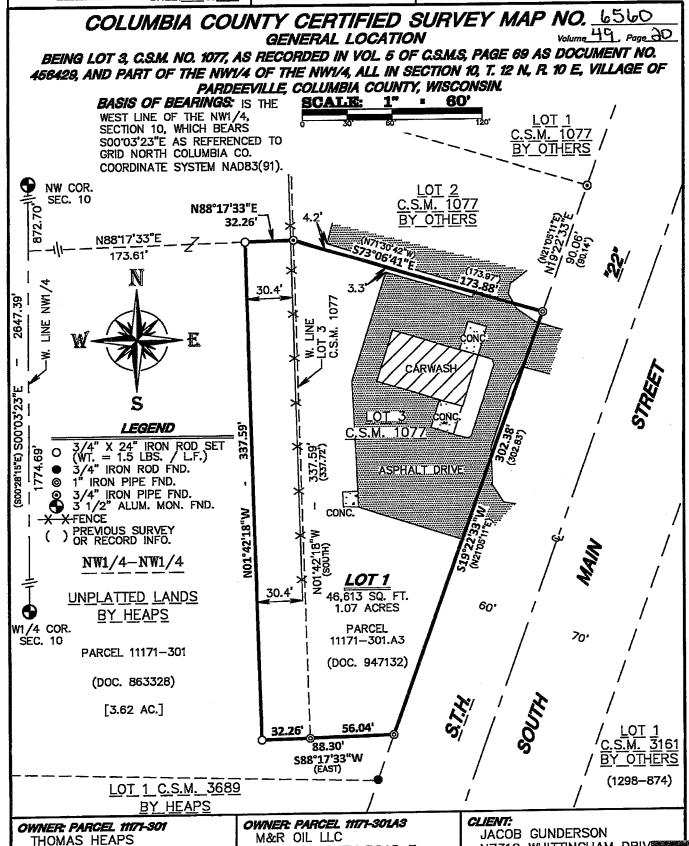
SCONS

HEWITT

PORVAGE

WISCONSIN

WI



W4396 COUNTY ROAD E

PARDEEVILLE, WI 53954

(OPY

N7310 WHITTINGHAM DRIV

PARDEEVILLE, WI 53954

AS PREPARED BY:

CAGROTHMAN

& ASSOCIATES S.C.
PROFESSIONAL SERVICES
PHONE PORTAGE (606) 742-7788 SAUK: (908) 644-8577
FAX: (908) 742-9434 E-MAIL: BUTWING GOTHERSON MAP)

PROFINE PORTAGE (606) 742-7788 SAUK: (908) 644-8577
FAX: (908) 742-9434 E-MAIL: BUTWING GOTHERSON MAP)

GRAFILE NO. 522-210

DRAFTED BY: L. DEBOER
CHECKED BY: SPH
PROJ. 221-127

SHEET 2 OF 2

DWG. 522-210

COLUMBIA COUNTY CERTIFIED SURVEY MAP NO.

GENERAL LOCATION Volume

BEING LOT 3, C.S.M. NO. 1077, AS RECORDED IN VOL. 5 OF C.S.M.S, PAGE 69 AS DOCUMENT NO. 458429, AND PART OF THE NW1/4 OF THE NW1/4, ALL IN SECTION 10, T. 12 N, R. 10 E, VILLAGE OF PARDEEVILLE, COLUMBIA COUNTY, WISCONSIN.

#### SURVEYOR'S CERTIFICATE

I, SCOTT P. HEWITT Professional Land Surveyor, do hereby certify that by the order of Jacob Gunderson, I have surveyed, monumented, mapped and divided Lot 3, Certified Survey Map, No. 1077 as recorded in Volume 5 of Certified Survey Maps, page 69 as Document No. 456429 and a part of the Northwest Quarter of the Northwest Quarter, Section 10, Town 12 North, Range 10 East, Village of Pardeeville, Columbia County, Wisconsin, described as follows:

Commencing at the Northwest Quarter of Section 10;

thence South 00°03'23" East along the West line of the Northwest Quarter, 872.70 feet;

thence North 88°17'33" East, 173.61 feet to the point of beginning;

thence continuing North 88°17'33" East, 32.26 feet to the Northwest corner of Lot 3, Certified Survey Map, No. 1077;

thence South 73°06'41" East along the North line of Lot 3, Certified Survey Map, No. 1077, 173.88 feet to a point in the Northwesterly right-of-way line of State Trunk Highway 22, also known as South Main Street;

thence South 19°22'33" West along the Northwesterly right-of-way line of State Trunk Highway 22, also known as South Main Street, 302.38 feet to the Southeast corner of said Lot 3;

thence South 88°17'33" West along the South line of said Lot 3 and the Westerly extension thereof, 88.30 feet; thence North 01°42'18" West, 337.59 feet to the point of beginning.

Containing 46,613 square feet, (1.07 acres), more or less. Being subject to servitudes and easements of use or record, if any.

I DO FURTHER CERTIFY that this is a true and correct representation of the boundaries of the land surveyed and that I have fully complied with the Provisions of Chapter 236.34 of the Wisconsin State Statutes and the Village of Pardeeville Subdivision Ordinances to the best of my knowledge and belief.

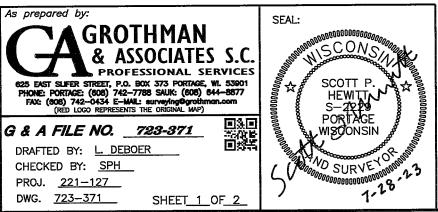
SCOTT P. HEWITT
Professional Land Surveyor, No. 2229
Dated: April 15, 2022
File No: 522-210

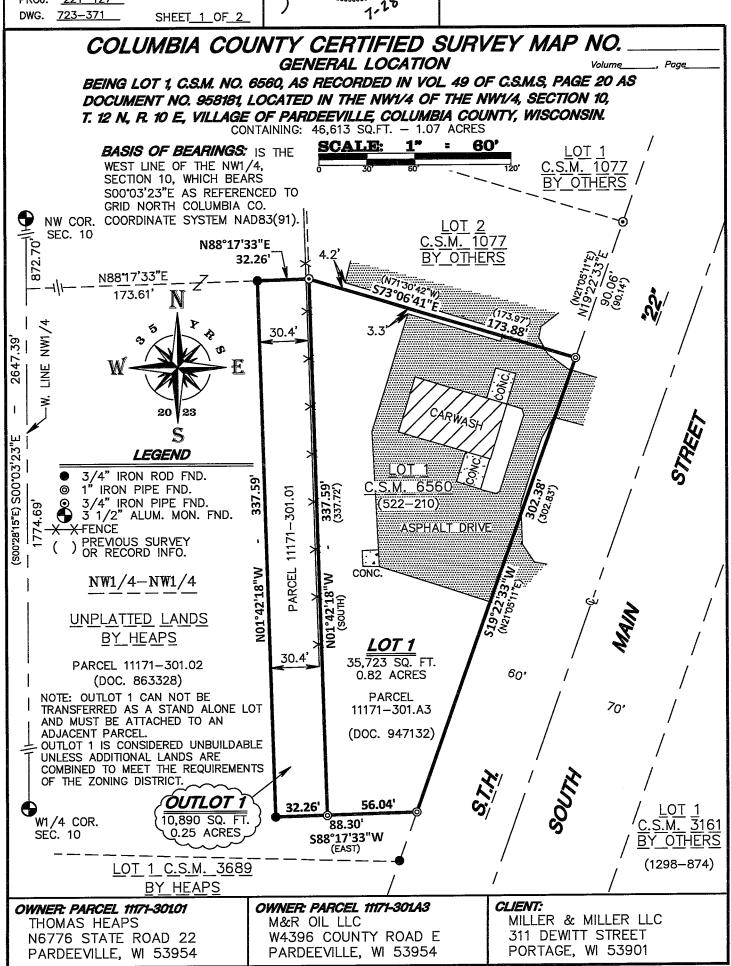
VILLAGE BOARD APPROVAL

	AILLIAG	L DOMED	741 1 140 1742			
RESOLVED that the	certified survey		located ir Owner(s), is h		Village proved by the	of <b>Pardeeville,</b> he Village Board.
Village/President		Dated this	the	day of _	July	, 20 <i>_{0</i> }
I HEREBY CERTIFY that the Village Administrator	foregoing is a copy	of a motion	n adopted by t	the <b>Villag</b>	e of Parde	eville.

OWNER: PARCEL 11171-301 THOMAS HEAPS N6776 STATE ROAD 22 PARDEEVILLE, WI 53954 OWNER PARCEL MITI-301A3 M&R OIL LLC W4396 COUNTY ROAD E PARDEEVILLE, WI 53954 CLIENT: JACOB GUNDERSON N7310 WHITTINGHAM DRIVE PARDEEVILLE, WI 53954







As prepared by: SEAL: GROTHMAN CONSI & ASSOCIATES S.C. PROFESSIONAL SERVICES 5 EAST SLIFER STREET, P.O. BOX 373 PORTAGE, WI. 53901 HONE: PORTAGE: (606) 742-7788 SAUK: (506) 644-8877 FAX: (606) 742-0434 E-MAIL: surveying@grothman.com (RED LOGO REPRESENTS THE ORIGINAL MAP) SCOTT P. HEWITT -2229 PORTAGE G & A FILE NO. \_ *723-371* WISCONSIN DRAFTED BY: L. DEBOER AND SURVE CHECKED BY: SPH PROJ. 221-127 DWG. <u>723–371</u> SHEET 2 OF 2 COLUMBIA COUNTY CERTIFIED SURVEY MAP NO. GENERAL LOCATION BEING LOT 1, C.S.M. NO. 6560, AS RECORDED IN VOL. 49 OF C.S.M.S, PAGE 20 AS DOCUMENT NO. 958181, LOCATED IN THE NW1/4 OF THE NW1/4, SECTION 10, T. 12 N, R 10 E, VILLAGE OF PARDEEVILLE, COLUMBIA COUNTY, WISCONSIN.

CONTAINING: 46,613 SQ.FT. - 1.07 ACRES

I, SCOTT P. HEWITT Professional Land Surveyor, do hereby certify that by the order of Miller & Miller, LLC, I have surveyed, monumented, mapped and divided Lot 1, Certified Survey Map, No. 6560 as recorded in Volume 49 of Certified Survey Maps, page 20 as Document No. 958181 located in the Northwest Quarter of the Northwest Quarter, Section 10, Town 12 North, Range 10 East, Village of Pardeeville, Columbia County,

**SURVEYOR'S CERTIFICATE** 

Containing 46,613 square feet, (1.07 acres), more or less. Being subject to servitudes and easements of use or record, if any.

I DO FURTHER CERTIFY that this is a true and correct representation of the boundaries of the land surveyed and that I have fully complied with the Provisions of Chapter 236.34 of the Wisconsin State Statutes and the Village of Pardeeville Subdivision Ordinances to the best of my knowledge and belief.

SCOTT P. HEWITT

Professional Land Surveyor, No. 2229

Soft & Mount

Dated: July 28, 2023

File No: 723-371

VILLA	AGE BOARD APPROVAL
RESOLVED that the certified survey map, local	ated in the Village of Pardeeville,
	, Owner(s), is hereby approved by the Village Board.
Village President	Dated this the day of, 2023.
I HEREBY CERTIFY that the foregoing is a co	opy of a motion adopted by the Village of Pardeeville.
Village Administrator	

OWNER: PARCEL 11171-30101 THOMAS HEAPS N6776 STATE ROAD 22 PARDEEVILLE, WI 53954 OWNER: PARCEL 11171-301A3 M&R OIL LLC W4396 COUNTY ROAD E PARDEEVILLE, WI 53954

**CLIENT:** MILLER & MILLER LLC 311 DEWITT STREET PORTAGE, WI 53901

4

**CERTIFIED SURVEY MAP** 

Document Number

Document Title

DocId:8046884 Tx:4041642

DOC # 962479

REGISTER OF DEEDS COLUMBIA COUNTY

RECORDED ON: 12/19/2022 10:50:54 AM PAGES: 4

LISA KRINTZ REGISTER OF DEEDS REC FEE: 30.00

Recording Area

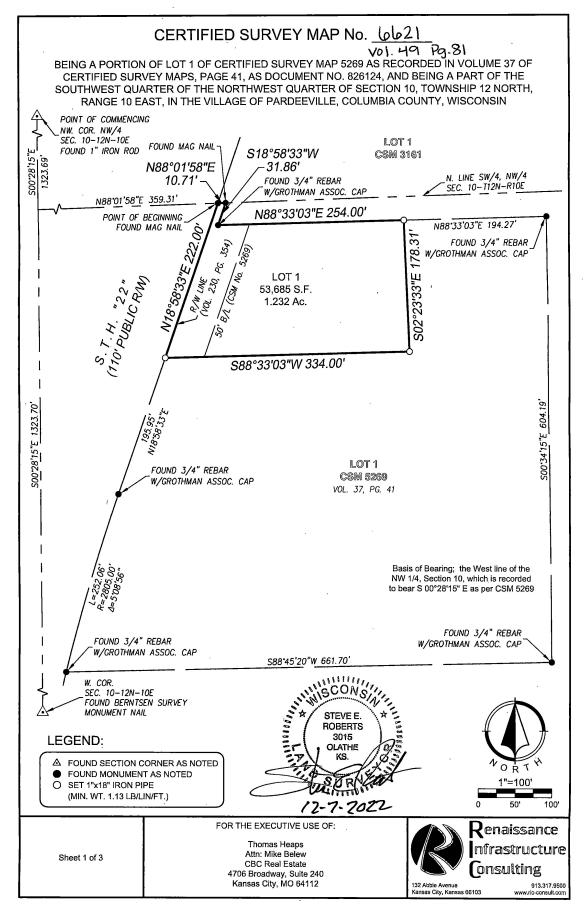
Name and Return Address

Parcel Identification Number (PIN)

#### THIS PAGE IS PART OF THIS LEGAL DOCUMENT – DO NOT REMOVE.

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the granting clause, legal description, etc., may be placed on this first page of the document or may be placed on additional pages of the document.

WRDA Rev. 12/22/2010



#### CERTIFIED SURVEY MAP No.

#### SURVEYOR'S CERTIFICATE OF COMPLIANCE WITH STATUTE

I, Steve E. Roberts, a Professional Land Surveyor, do hereby certify that I have surveyed and mapped a portion of Lot 1 of Certified Survey Map 5269 as recorded in Volume 37 of Certified Survey Maps, Page 41, as Document No. 826124, and being a part of the Southwest Quarter of the Northwest Quarter of Section 10, Township 12 North, Range 10 East, in the Village of Pardeeville, Columbia County, Wisconsin, and described as follows:

Commencing at the Northwest corner of the Northwest Quarter of said Section 10:

thence South 00°28'15" East along the west line of said Northwest Quarter, 1323.69 feet to the Northwest corner of said Southwest Quarter of the Northwest Quarter;

thence North 88°01'58" East along the north line of said Southwest Quarter of the Northwest Quarter, 359.31 feet to the Northwest corner of said Lot 1, said point also being on the easterly right-of-way line of State Trunk Highway 22, said point being the Point of Beginning:

Continuing along the northerly line of said Lot 1 along the following three courses:

thence North 88°01'58" East and also along said easterly right-of-way line, 10.71 feet to a point that is also on the west line of Lot 1, Certified Survey Map 3161;

thence South 18°58'33" West, and also along said west line, 31.86 feet to a point that is also the Southwest corner of said Lot 1, Certified Survey Map 3161;

thence North 88°33'03" East and also being along the south line of said Lot 1, Certified Survey Map 3161, 254.00 feet;

thence departing said northerly line, South 02°23'33" East, 178.31 feet;

thence South 88°33'03" West, 334.00 feet to a point on the westerly line of said Lot 1 of Certified Survey Map 5269, and said easterly right-of-way line;

thence North 18°58'33" East along said westerly line, 222.00 feet to the POINT OF BEGINNING. Containing 53,685 square feet (1.232 acres), more or less.

Subject to any easements, agreements, covenatnt and restrictions, recorded or unrecorded.

That such map is a correct representation of all exterior boundaries of the land surveyed and the division of that land. That I have made such survey, division and map by the direction of the Owner(s) of said land, and that I have complied fully with the provisions of Section 236.34 of the Wisconsin Statutes in surveying, dividing and mapping the same.

Steve E. Roberts, PLS 3015

Dated

Renaissance Infrastructure Consulting 132 Abbie Avenue

Kansas City, KS 66103 Phone: 913-258-2928

12-7-2022

ROBERTS

3015

OLATHE

Approved by the Village of Pardeeville Board, this 6 day of December, 2022

FOR THE EXECUTIVE USE OF:

Thomas Heaps Attn: Mike Belew **CBC** Real Estate 4706 Broadway, Suite 240 Kansas City, MO 64112



**₹**enaissance onsulting

#### CERTIFIED SURVEY MAP No.

BEING A PORTION OF LOT 1 OF CERTIFIED SURVEY MAP 5269 AS RECORDED IN VOLUME 37 OF CERTIFIED SURVEY MAPS, PAGE 41, AS DOCUMENT NO. 826124, AND BEING A PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 12 NORTH, RANGE 10 EAST, IN THE VILLAGE OF PARDEEVILLE, COLUMBIA COUNTY, WISCONSIN

#### **OWNERS CERTIFICATE**

As Owner, I hereby certify that I have caused the lands described herein to be surveyed, divided, mapped, and dedicated as represented on this map. I also certify that this map is required to be submitted to the Village of Pardeeville for approval.

Thomas Heaps

Dated 12-15, 2022

State of Wisconsin County of Columbia Ss. Personally came before me, this 15th day of Docember, 2022, the above named Thomas Heaps, to me known to be the same person who executed the foregoing certificate and acknowledged the same.

Notary Public, Columbia County, Wisconsin

My commission Expires
08/28/2024

JANICE M. JAHNKE NOTARY PUBLIC STATE OF WISCONSIN

STEVE E. ROBERTS
3015
OLATHE
KS. D. STEVE E. A. STEVE

FOR THE EXECUTIVE USE OF:

Thomas Heaps Attn: Mike Belew CBC Real Estate 4706 Broadway, Suite 240 Kansas City, MO 64112



Sheet 3 of 3

### Legal Description:

A portion of Lot 1 of Certified Survey Map 5269 as recorded in Volume 37 of Certified Survey Maps, Page 41, as Document No. 826124, and being a part of the Southwest Quarter of the Northwest Quarter of Section 10, Township 12 North, Range 10 East, in the Town of Wyocena, Columbia County, Wisconsin, and described as follows:

Beginning at the Northwest corner of said Lot 1, said point being at the intersection of the north line of said Southwest Quarter of the Northwest Quarter and the easterly right-of-way line of State

Continuing along the northerly line of said Lot 1 along the following three courses:

thence North 88°01'58" East, 10.71 feet; thence South 18°58'33" West, 31.86 feet;

thence North 88°33'03" East, 254.00 feet;

thence departing said northerly line, South 02°23'33" East, 178.31 feet;

thence South 88°33'03" West, 334.00 feet to a point on the westerly line of said Lot 1 and said

easterly right-of-way line;

thence North 18°58'33" East along said westerly line, 222.00 feet to the POINT OF BEGINNING. Containing 53,685 square feet (1.232 acres), more or less.

### FLOOD PLAIN NOTE

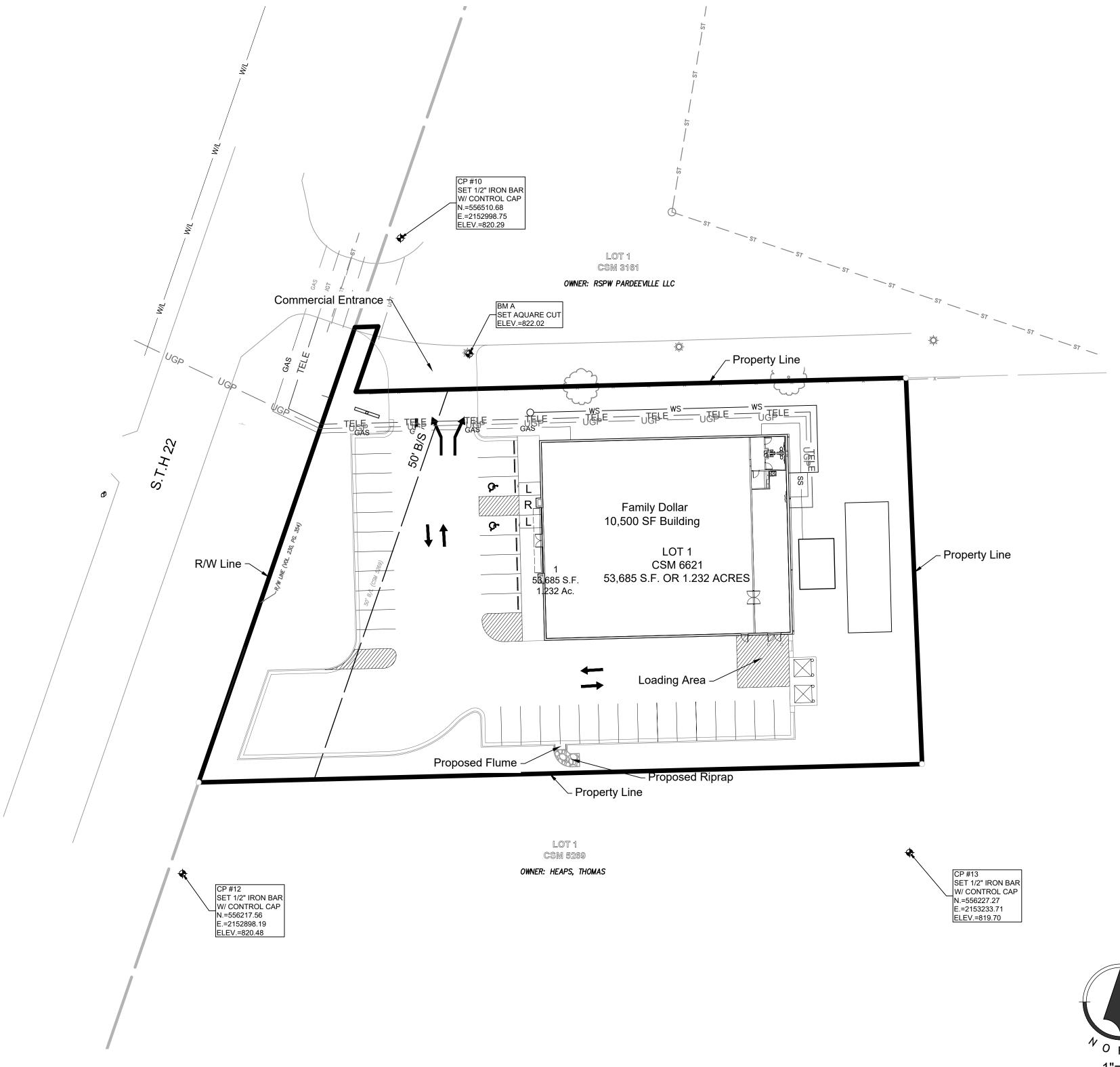
According to the F.E.M.A. Flood Insurance Rate Map Number 55021C0293F, revised May 16, 2016, this tract graphically lies in OTHER AREAS, ZONE X, defined as areas determined to be outside the 0.2% annual chance floodplain.

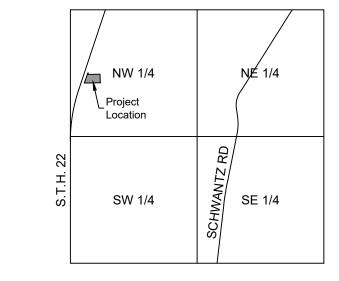
### **UTILITIES NOTE**

The information concerning locations of underground utilities shown hereon which are not visible from the surface, has been taken from the records and field locations of the various utility companies and has not been field verified by this company. These locations are not to be construed as accurate or exact.

### **UTILITIES**

City of Pardeeville - Public Utilities
Water, Sewer Utility Dept. & Electricity 114 Lake Street, PO Box 65 Pardeeville, WI 53954-0068 P: 608-429-3054 / F: 608-429-3714





LOCATION MAP SECTION 10-T12N-R10E Scale 1" = 2000'

## Sheet List Table

Sheet Number	Sheet Title
C0.0	General Layout
C0.1	General Notes
C1.0	Existing Conditions & Demolition Plan
C2.0	Site Plan
C2.1	Dimension Plan
C3.0	Grading Plan
C3.1	Detailed Grading Plan - West
C3.2	Detailed Grading Plan - East
C4.0	Utility Plan
C5.0	Drainage Map
C6.0	Erosion Control Plan I
C6.1	Erosion Control Plan II
C6.2	Erosion Control Plan III
C6.3	Seeding Plan

C6.4 Erosion Control Plan Details

C7.0 Standard Details

### <u>LEGEND</u>

	Existing Section Line		Proposed Right-of-Way
	Existing Right-of-Way Line		Proposed Property Line
	Existing Lot Line		Proposed Lot Line
	Existing Easement Line		Proposed Easement
	Existing Curb & Gutter		Proposed Curb & Gutter
	Existing Sidewalk	Activities to the second	Proposed Sidewalk
	Existing Storm Sewer		Proposed Storm Sewer
	Existing Storm Structure	_	Proposed Storm Structure
- u/s	Existing Waterline	A	Proposed Fire Hydrant
GAS GAS GAS	Existing Gas Main		Proposed Waterline
	Existing Sanitary Sewer		Proposed Sanitary Sewer
<b>S</b>	Existing Sanitary Manhole	8	Proposed Sanitary Manhole
	Existing Contour Major		Proposed Contour Major
	Existing Contour Minor		Proposed Contour Minor
		========	Future Curb and Gutter
U/E	Utility Easement		
SS/E	Sanitary Sewer Easement	A/E	Access Easement
D/E	Drainage Easement	T/E	Temporary Easement

Consultant: Andy Gabbert 8653 Penrose Lane Lenexa, KS 66218 agabbert@ric-consult.com (913) 333-3880

Mike Belew 4706 Broadway, Suite 240 Kansas City, MO 64112 mbelew@usfpco.com www.uspfco.com (816) 645-8963

NO. DATE REVISION

Sheet C0.0

- 1. All Accessible route construction shall conform to the latest version of the ADA Standards for Accessible Design published by the Department of Justice and the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way published by the United States Access Board.
- 2. Other than ramps and ramp runs, walking surfaces must have running slopes not steeper than 1:20.
- 3. The cross slope of walking surfaces shall not be steeper than 2%.
- 4. The minimum width for a linear segment of accessible route shall be 36 inches. 5. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches wide, clear width shall be 42 inches minimum approaching the turn, 48 inches minimum at the turn and 42 inches leaving the turn.
- 6. An accessible route with a clear width less than 60 inches shall provide passing spaces at intervals of 200 feet maximum. Passing spaces shall be 60 inch by 60 inch minimum.
- 7. Ramp runs shall have a running slope not steeper than 1:12.
- 8. Ramp runs with a rise greater than 6 inches shall have handrails. 9. Ramp landings with a maximum slope of 1:48 shall be provided before and after ramp
- 10. The maximum rise of a ramp run shall be 30 inches.
- 11. The maximum counter slope between the pavement and the curb at a curb ramp shall
- 12. Curb ramp landings with a maximum slope of 1:48 shall be provided at the top of curb ramps with a clear width of 60 inches.
- 13. Detectable warning surfaces complying with the latest ADA Standards shall be provided at pedestrian street crossings and refuge islands.
- 14. Passenger loading zones shall be provided adjacent to any ADA Accessible stall and have a 2% maximum slope in all directions.
- 15. Contractor to field verify existing site conditions and contact the engineer if field conditions do not match plan prior to construction.

LAYOUT & PAVING NOTES

- All construction shall conform to the City of Pardeeville minimum design standards.
- 2. Contractor shall keep a full set of City of Pardeeville Standard Details onsite at all times. 3. The contractor shall check existing grades, dimensions, and inverts in the field and report
- any discrepancies to the architect/engineer prior to beginning work 4. The contractor shall verify the exact location of all existing utilities, take care to protect utilities that are to remain, and repair contractor caused damage according to current local standards and at the contractor's expense. Coordinate all construction with the appropriate utility company.
- 5. The contractor shall comply with all local codes, obtain all permits, and pay all fees prior
- 6. Prior to installing, constructing, or performing any work in the public right of way or on the public storm sewer line (including concrete pavement or connecting private drainage systems to the storm sewer), contact City Public Works for inspection of the work. Contact must be made at least 24 hours prior to start of the work
- 7. Provide a smooth transition between existing pavement and new pavement. Field adjustment of final grades may be necessary. Adjust all utilities prior to installation of
- 8. The contractor shall protect all trees to remain, in accordance with the specifications. Do not operate or store heavy equipment, nor handle, nor store materials within the drip lines of trees or outside the limit of grading.
- 9. Concrete walks and pads shall have a broom finish. All concrete shall be 4,000 p.s.i. unless otherwise noted. Curb ramps, sidewalk slopes, and driveway ramps shall be constructed in accordance with all current local requirements. If applicable, the contractor shall request inspection of sidewalk and ramp forms prior to placement of
- 10. All damage to existing asphalt pavement to remain which results from new construction shall be replaced with like materials at contractor's expense.
- 11. Dimensions are to the back of curb, or edge of concrete, unless otherwise noted. 12. Maintain one set of as-built drawings on the job site for distribution to the engineer upon
- 13. For all asphalt pavement, the contractor shall have no more than 30% recycled material in the base course and no recycled material in the surface course.

PAVEMENT MARKING AND SIGNAGE NOTES

- 1. Parking stall marking stripes shall be four inch (4") wide white stripes. Handicap stall marking shall be furnished at locations shown on plans.
- 2. Traffic control devices and pavement markings shall conform to the requirements of the "Manual of Uniform Traffic Control Devices."
- Traffic control and pavement markings shall be painted with a white Sherwin Williams TM2125 HOTLINE Fast Dry or approved equal. The pavement marking shall be applied in accordance with manufacturers recommendations. Apply on a clean, dry surface and at a surface temperature of not less than 70°f and the ambient air temperature shall not be less than 60°f and rising. Two coats shall be applied.

WRITTEN SEQUENCING

1. Implement Pre-Construction Plan:

- All temporary structural BMP's shown on the BMP plan must be in place before any site disturbance. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period. Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place, around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor.
- 2. Clear and Stabilize Work Areas: Grade contractor areas and place all-weather surface on contractor areas.
- Clearing and Grubbing:
- After Phase I BMP's are installed, contractor may clear, grub, and demo required areas as necessary

**GRADING NOTES** 

- All construction shall conform to the City's minimum design standards. Spot Grades shown herein shall govern over finished grades.
- 3. All traffic control shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD).
- 4. The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in the State of Wisconsin, at the contractor's expense.
- 5. The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, driveways, sidewalks, streetlight and traffic signal junction boxes, traffic signal loop lead ins, signal poles, irrigation systems, etc. Damaged improvements shall be repaired in conformance with the latest City standards and to the City's satisfaction.
- 6. The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original or better condition.
- 7. The contractor shall sod all disturbed areas within the public street right-of-way unless otherwise noted on the plans or if specific written approval is granted by the City.
- 8. All public street sidewalk ramps constructed will be required to comply with the Americans with Disabilities Act (ADA).
- 9. Excavation for utility work in public street right-of-way requires a Right-of-Way Work Permit from the Public Works Department, in addition to all other permits.
- 10. All work shall be confined within easements and/or construction limits as shown on the plans.
- 11. Curb stakes and hubs shall be provided at all high points, low points, ADA ramp openings, and on each side of all curb inlets when setting string line. 12. All National Pollution Discharge Elimination System (NPDES) standards shall be met
- 13. Public and Private utility facilities shall be moved or adjusted as necessary by the owners to fit the new construction unless otherwise noted on the plans. The Contractor is responsible for the cost of utility relocations unless otherwise indicated on the plans.

**EARTHWORK NOTES** 

- CONTOURS AND ELEVATIONS: Existing and proposed contours are shown on plans at one feet (1') contour intervals, unless otherwise noted. Proposed contours and elevations shown represent approximate finish grade.
- 2. CLEARING AND GRUBBING: Prior to the start of grading and earthwork, the areas to be graded shall be stripped of all vegetation, organic matter, and topsoil, to a minimum depth of four inches (4") or as otherwise directed by the Geotechnical Engineer. Stripping materials shall not be incorporated into structural fills. Topsoil materials shall not be used in building and pavement areas.
- TOPSOIL: Prior to the start of grading, the contractor shall strip all topsoil from areas to be graded and stockpile at a location on or adjacent to the site as directed by the owner. At completion of grading operations and related construction, the contractor will be responsible for redistribution of topsoil over all areas disturbed by the construction activities. Topsoil shall be placed to a minimum depth of six inches (6")
- and in accordance with specifications for landscaping. 4. SUBGRADE PREPARATION: Prior to placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical
- Engineer or his representative. 5. proof rolling: Prior to the placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical Engineer. Unsuitable areas identified by the proof rolling areas shall be undercut and replaced with controlled structural fill or treated with fly ash per the Geotechnical report.
- 6. EARTHWORK A. GEOTECHNICAL: All earthwork shall conform to the recommendations of
  - B. SURFACE WATER: Surface water shall be intercepted and diverted during the placement of fill.

the Geotechnical report.

- C. FILLS: All fills shall be considered controlled or structural fill and shall be free of vegetation, organic matter, topsoil, and debris. All fill required for project shall be provided by the Contractor. Material Shall be pre-approved by the Engineer
- D. EXISTING SLOPES: Where fill material is to be placed on existing slopes greater than 5:1 (horizontal to vertical), existing slope shall be benched providing a minimum vertical face of twelve inches (12"). Fill material shall be placed and compacted in horizontal lifts not exceeding nine inched (9") (loose fit measurement), unless otherwise approved by the Geotechnical Engineer.
- E. COMPACTION REQUIREMENTS: Earth fill material shall be placed and compacted to a minimum density of ninety five percent (95%) of the material's maximum dry density as determined by ASTM D698 (standard proctor compaction). The moisture content at the time of placement and compaction shall be within a range of -2% to 3% above the optimum moisture content as defined by the standard proctor compaction procedure. The moisture contents shall be maintained within this range until completion of the work. Where compaction of earth fill by a large roller is impractical or undesirable, the earth fill shall be hand compacted with small vibrating rollers or mechanical tampers.
- 7. TESTING AND INSPECTION: Testing and inspection services required to make tests required by the specifications and to observe the placement of fills and other work performed on this project shall be provided by a commercial testing laboratory (Geotechnical Engineer) selected by the owner. The cost of testing will be the owner's
- 8. SEEDING: All areas disturbed by earthwork operations in the right-of-way shall be
- 9. Recommendations within the project geotechnical report shall supercede all earthwork notes

SITE UTILITY NOTES

- The contractor is specifically cautioned that the location and/or elevation of existing utilities as Shown on these plans is based on records of the various utility Companies, und where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to coordinate with and relocate and/or remove all existing utilities which conflict with the proposed improvements shown on the plans.
- The construction of storm sewers on this project shall conform to the requirements of Columbia, Pardeeville Technical Specifications and Design Criteria.
- The contractor shall field verify the exact location and elevation of the existing storm sewer locations and the existing elevations at locations where the proposed storm sewer collects or releases to existing ground. If discrepancies are encountered from the information shown on the plans. The contractor shall contact the design engineer. No pipes shall be laid until direction is received from the design engineer.
- 4. It will be the contractors responsibility to field adjust the top of all manholes and boxes as necessary to match the grade of the adjacent area. Tops of existing manholes shall be raised as necessary to be flush with proposed pavement elevations, and to be 6-inches above finished ground elevations in non-paved areas. No separate or additional compensation will be made to the contractor for making final adjustments to the manholes and boxes.
- 5. Inlet locations, horizontal pipe information and vertical pipe information is shown to the center of the structure. Deflection angles shown for storm sewer pipes are measured from the center of the curb inlets and manholes. The contractor shall adjust the horizontal location of the pipes to go to the face of the boxes. All roof drains shall be connected to storm sewer structures. Provide cleanouts on roof drain lines at 100' max. spacing and at all bend points. Do not connect roof drains directly to storm
- The contractor shall be responsible for furnishing and installing all fire and domestic water lines, meters, back flow devices, pits, valves and all other incidentals required for a complete operable fire protection and domestic water system, if not furnished or installed by the Board of Public Utilities. Coordinate with the Board of Public Utilities. All costs associated with the complete water system for the building shall be the responsibility of the contractor. All work shall conform to the requirements of Columbia. Pardeeville.
- The contractor shall be responsible for furnishing and installing all sanitary sewer service lines from the building to the public line. The contractor shall refer to the architectural plans for specific locations and elevations of the service lines of the building connection. All work shall conform to the requirements of Pardeeville.
- The contractor is responsible for securing all permits, bonds and insurance required by the contract documents, Pardeeville, and all other governing agencies (including local, county, state and federal authorities) having jurisdiction over the work proposed by the construction documents. The cost for all permit bonds and insurance shall be the contractors responsibility and shall be included in the bid for the work.
- 9. By the use of these construction documents the contractor hereby agrees that he/she shall be solely responsible for the safety of the construction workers and the public. The contractor agrees to hold the engineer and owner harmless for any and all injuries, claims, losses or damages related to the project.
- 10. The contractor shall be responsible for furnishing all materials, tools and equipment and installation of electrical power, telephone and gas service from a point of connection from the public utility lines to the building structure. This will include all conduits, service lines, meters, concrete pads and all other incidentals required for a complete and operational system as required by the owner and the public utilities. Refer to building plans for exact tie-in locations of all utilities. Contractor shall verify connection points prior to installation of utility line.
- 11. All fill material is to be in place, compacted, and consolidated before installation of proposed utilities. On-site geotechnical engineer shall provide written confirmation that this requirement has been met and that utilities may proceed in the fill areas. All utilities are to be placed in trench conditions.
- 12. Contractor shall notify the utility authorities inspectors 48 hours before connecting to any existing line.
- 13. Storm sewer roof drains(st) shall be as follows (unless otherwise shown on plans). -PVC SDR 35 per ASTM D3034, for pipes less than 12' deep. -PVC SDR 26 per ASTM D3034, for pipes 12' to 20' deep.
- 14. Waterlines shall be as follows (unless otherwise shown on plans): -for 8" and larger: ductile iron pipe per AWWA C150 -between 2" and 6": copper tube Type "K" per ANSI 816.22 or ductile iron pipe per AWWA C150 -For smaller than 2":copper tube Type "K" per ANSI 816.22
- 15. Minimum trench width shall be 2 feet. 16. Contractor shall maintain a minimum of 66" of cover on all waterlines. All water line joints are to be mechanical joints with thrust blocking as called out in specifications and construction plans. Water mains and service lines shall be constructed in
- accordance to the Board of Public Utilities specifications for commercial services. 17. All waterlines shall be kept ten feet (10') apart (parallel) from sanitary sewer lines or manholes. Or when crossing, an 18" vertical clearance (outside edge of pipe to outside edge of pipe) of the waterline above the sewer line is required.
- 18. In the event of a vertical conflict between waterlines, sanitary lines, storm lines and gas lines (existing and proposed), the sanitary line shall be ductile iron pipe with mechanical joints at least 10 feet on both sides of the crossing (or encased in concrete the same distance), the waterline shall have mechanical joints with appropriate thrust blocking as required to provide a minimum of 18" clearance Meeting requirements ANSI A21.10 or ANSI 21.11 (AWWA C151)(Class 50).
- 19. All underground storm, sanitary, water and other utility lines shall be installed, inspected and approved before backfilling. Failure to have inspection approval prior to backfill will constitute rejection of work.
- 20. All necessary inspections and/or certifications required by codes and/or utility service companies shall be performed prior to announced building possession and the final connection of service. Contractor shall coordinate with all utility companies for installation requirements and specifications.
- 21. refer to building plans for site lighting electrical plan, irrigation, parking lot security system and associated conduit requirements. Coordinate with Owner that all required conduits are in place and tested prior to paving.
- 22. When a building utility Connection from site utilities leading up to the building cannot be made immediately, temporarily mark all such utility terminations.

**GENERAL NOTES** 

- 1. All work in public easements and right of way and all erosion control work must comply with the latest edition of the Technical Provisions & Standard Drawings for Roads and Sewers, of Pardeeville, Columbia County, Wisconsin. If any general notes conflict with the Technical Provisions & Standard Drawings for Roads and Sewers, of Pardeeville, Columbia County, Wisconsin, the Cities standards shall override.
- 2. All traffic control shall be in conformance with the Manual of Uniform Traffic Control
- The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in the State of WI, at the contractor's expense.
- 4. The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, driveways, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead ins, signal poles, irrigation systems, etc. Damaged improvements shall be repaired in conformance with the latest City standards and to the City's satisfaction.
- The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original or better condition.
- The contractor shall remove existing trees and shrubbery within the right-of-way adjacent to future thoroughfare improvements.
- The contractor shall sod all disturbed areas within the public street right-of-way unless otherwise noted on the plans or if specific written approval is granted by the City.

9. Excavation for utility work in public street right-of-way requires a Right-of-Way Work

- 8. All public street sidewalk ramps constructed will be required to comply with the Americans with Disabilities Act (ADA) and Pardeeville, WI sidewalk details.
- Permit from the Public Works Department, in addition to all other permits. 10. All work shall be confined within easements and/or construction limits as shown on
- the plans. 11. Any existing and/or temporary storm sewer pipes and box culverts to be abandoned in place shall be grouted using a slurry grout mixture meeting a 7-day compressive strength of 100-150 psi. The slurry grout mixture of fly ash, cement, fine aggregate,
- forming agents and water shall be approved by the City and shall possess adequate flow characteristics to fill all voids. 12. All existing utilities indicated on the drawings are according to the best information available to the engineer; however, all utilities actually existing may not be shown. The contractor shall be responsible for contacting all utility companies for an exact field location of each utility prior to any construction. All utilities, shown and
- un-shown, damaged through the negligence of the contractor shall be repaired or replaced by the contractor at his expense. 13. The contractor will be responsible for all damages to existing utilities, pavement, fences, structures, and other features not designated for removal. The contractor
- shall repair all damages at his expense. 14. By use of these construction documents the contractor hereby agrees that he shall be solely responsible for the safety of the construction workers and the public. The contractor agrees to hold the engineer and owner harmless for any and all injuries,
- claims, losses, or damages related to the project. 15. The contractor will be responsible for providing all signage, barricades, lighting, etc., as required for temporary traffic control during the construction of this project. Maintenance of the temporary traffic control devices will be the contractor's responsibility. All traffic control in conduction with construction in the right-of-way shall be in conformance with the City Traffic Control Requirements.
- 16. Geogrid, footings, or other elements of the retaining wall(s) cannot encroach into the
- right of way, public easements, or adjacent private property 17. All building and life safety issues shall comply with the 2021 International Fire Code
- (or currently adopted edition) and local amendments as adopted by Pardeeville, WI 18. Contractor shall be responsible for obtaining all permits including land disturbance, right-of-way, hauling, etc., with Public Works prior to construction.
- 19. Contractor shall restore all disturbed right-of-way upon project completion. 20. Prior to construction, contractor shall install pre-construction erosion control measures.

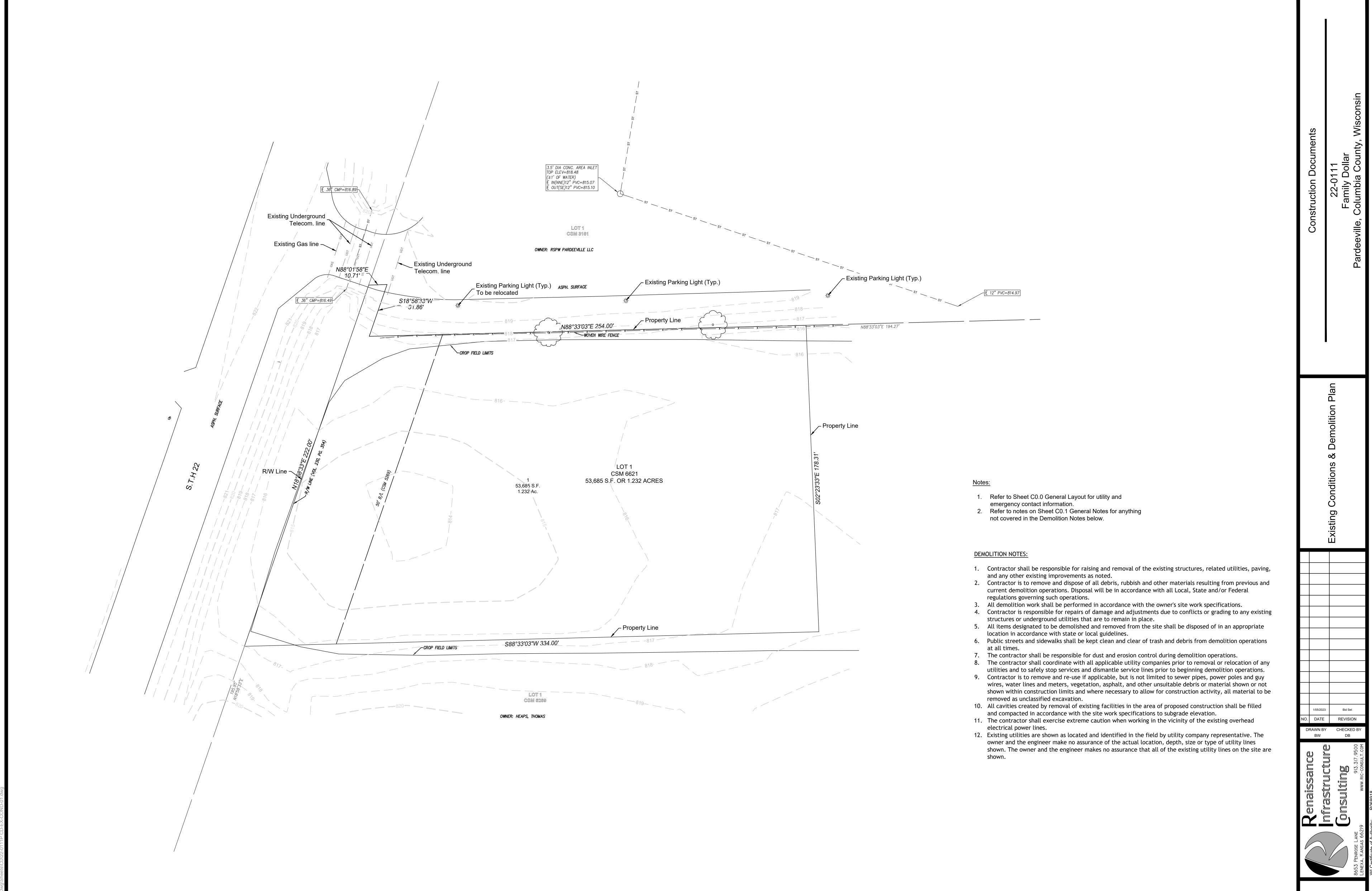
**EROSION CONTROL NOTES** 

- 1. All work in public easements and right-of-way and all erosion control work must comply with the latest edition of the Technical Provisions & Standard Drawings for Roads and Sewers, of Pardeeville, WI. If any of the general notes conflict with the Technical Provisions & Standard Drawings for Roads and Sewers of Pardeeville, WI. The Cities standards shall override.
- 2. The contractor shall provide all materials, tools, equipment, and labor as necessary to install and maintain adequate erosion control, keep the streets clean of mud and debris, and prevent soil from leaving the project site. The contractor's erosion control
- measures shall conform to Pardeeville, WI Technical Provisions and Specifications. 3. Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
- 4. The contractor shall be responsible for maintaining erosion control devices and removing sediment until a minimum of 70% of permanent vegetation has become stabilized and established. Erosion control devices shall remain in place until the 70% established vegetation is met, or the duration of the project, whichever is the later
- 5. The contractor shall temporarily seed and mulch all disturbed areas if there has been
- no construction activity on them for a period of fourteen (14) calendar days. 6. Install "J' Hooks on silt fence every 100 LF
- 7. Contractor to install all Phase I erosion control devices prior to construction. 8. Contractor shall replace disturbed area with seed or sod, as indicated on the plans, and shall be installed within 14 days after paving completion and final topsoil grading.
- 9. Topsoil replacement shall be 6" thick. 10. Silt fence to be installed in accordance with Pardeeville, WI Standard Details.
- 11. Refer to 2002 WisDOT Erosion Conrol and Stormwater Quality Guide (or currently
- adopted edition) for good housekeeping and spill measures. 12. The Contractor shall inspect erosion control devices every 7 days and within 24 hours of a storm of 0.5 inches or more. The Contractor shall repair damage, clean out sediment, and add additional erosion control devices as needed, as soon as practicable, after inspection. The Contractor shall also inspect and assure that all sediment control devices are in working condition prior to any forecasted rainfall.

Sheet C0.1

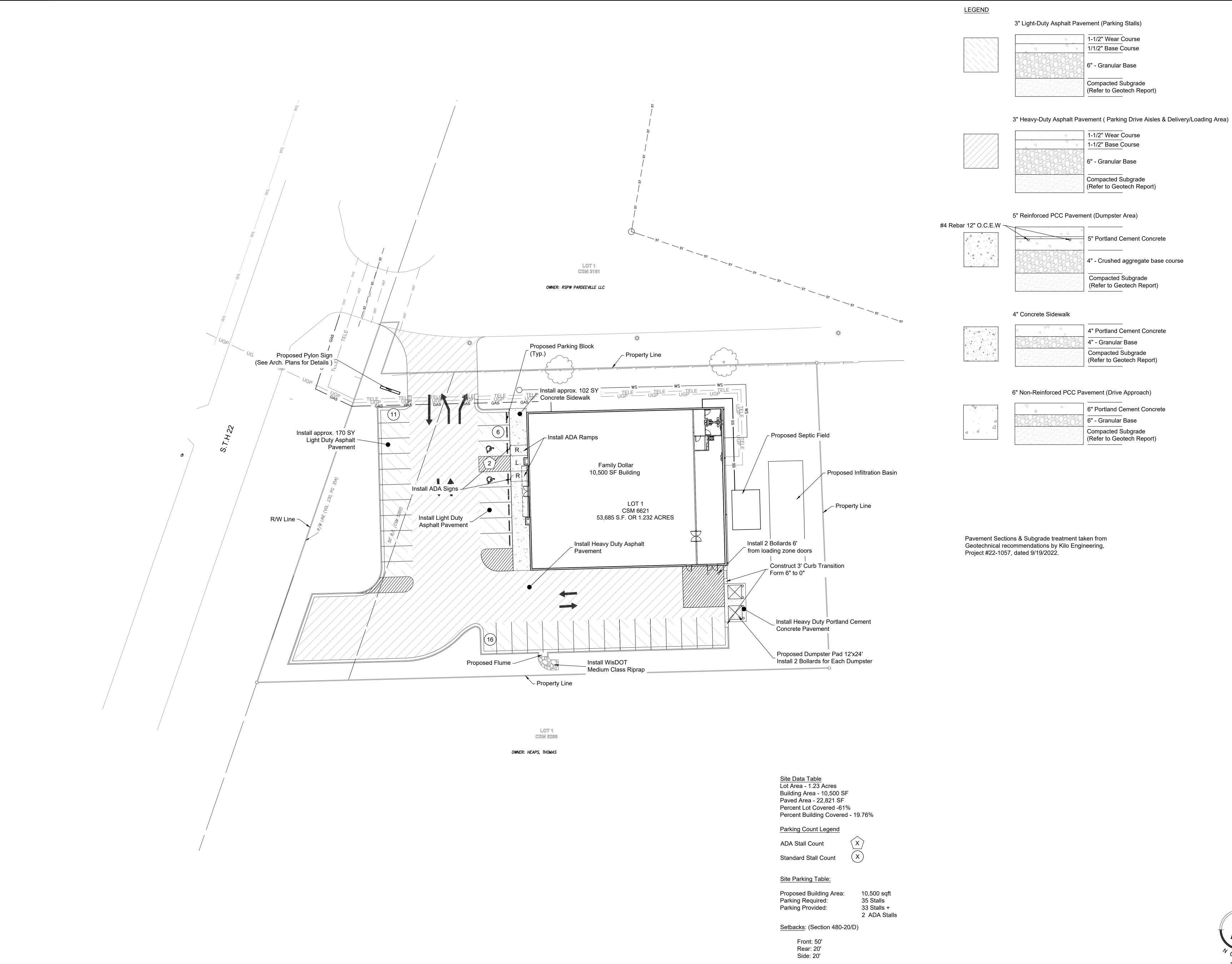
O. DATE REVISION

sulting





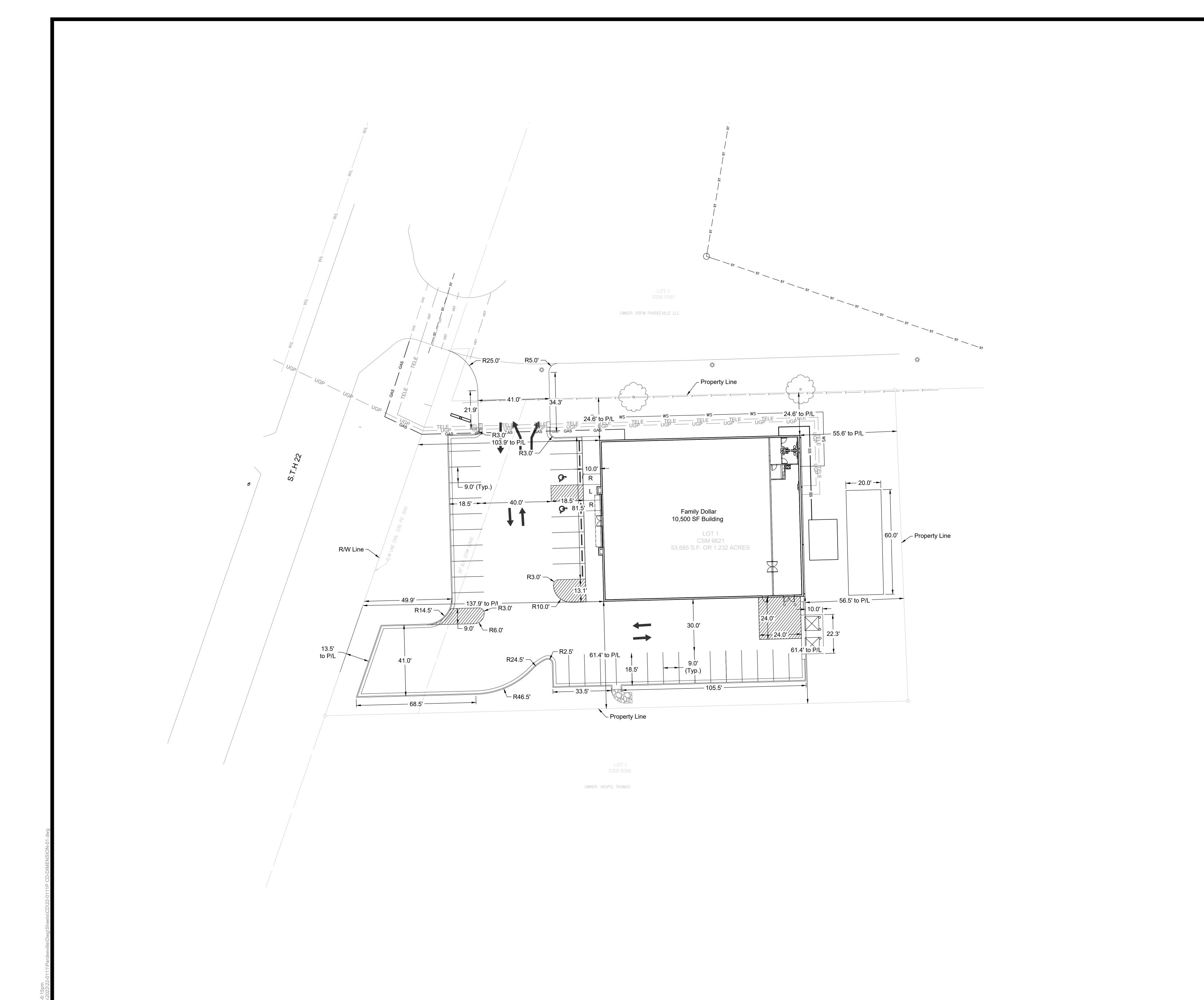
Sheet C1.0





Sheet C2.0

NO. DATE REVISION



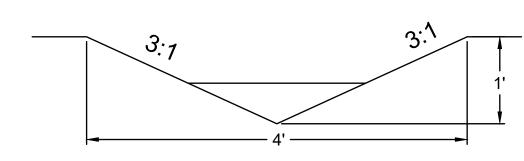


C2.1

Sheet

NO. DATE REVISION





**Grass Swale Section A-A** 

### Disturbed Area: 1.09 Acres

# Earthwork Quantities:

Cut: 283.54 CY (Cut) Fill: 3,973.14 CY (Fill) Net: 3,689.60 CY (Net Fill)

### Earthwork Quantities Notes:

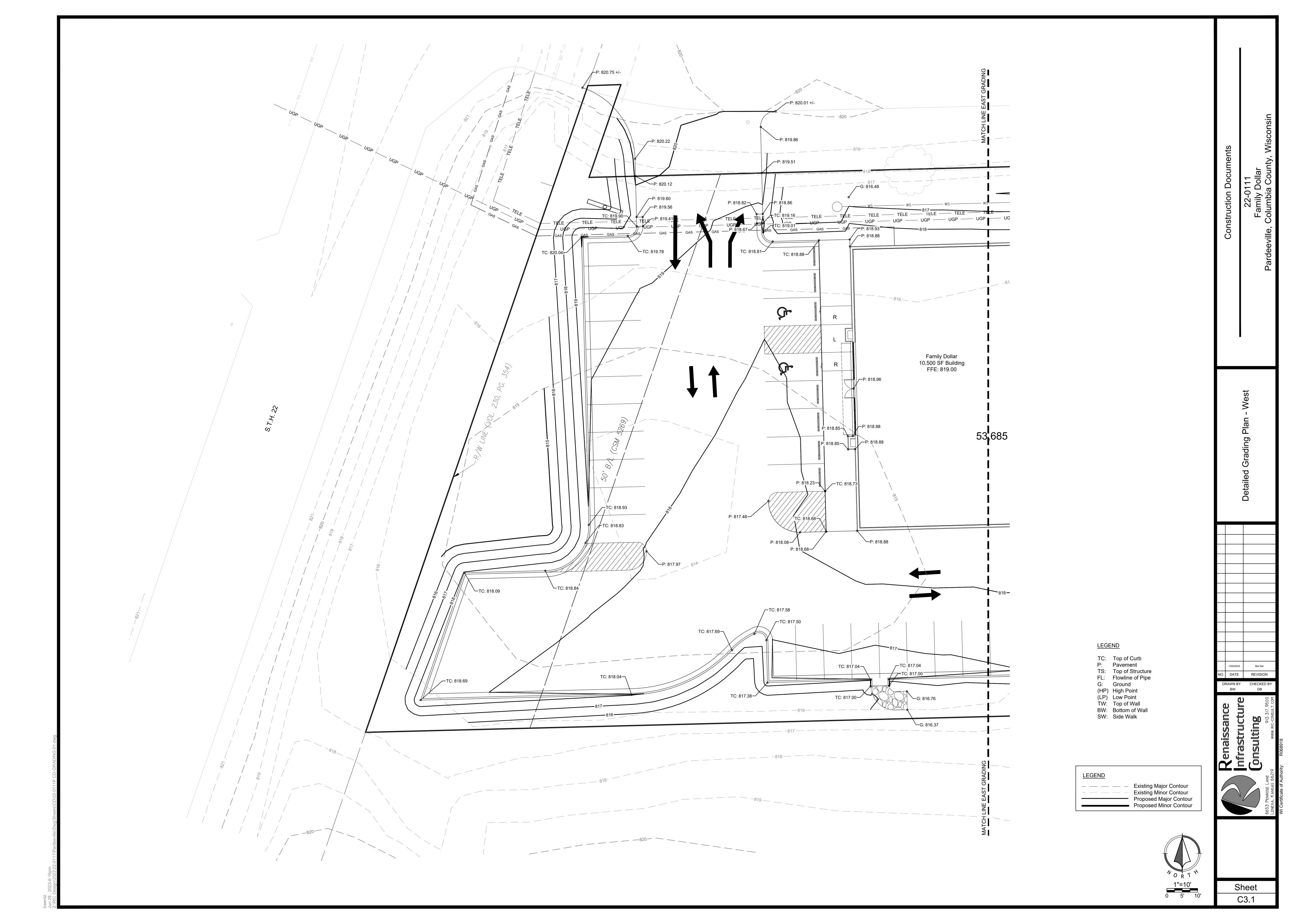
- Earthwork quantities based on finished grade surface and do not include adjustments for topsoil and shrinkage.
   Earthwork quantities do not take into consideration excavation, removal and disposal of material deemed unsuitable by a geotechnical engineer. The earthwork contractor is responsible for excavation, removal and disposal of unsuitable material and for replacing it with suitable material.

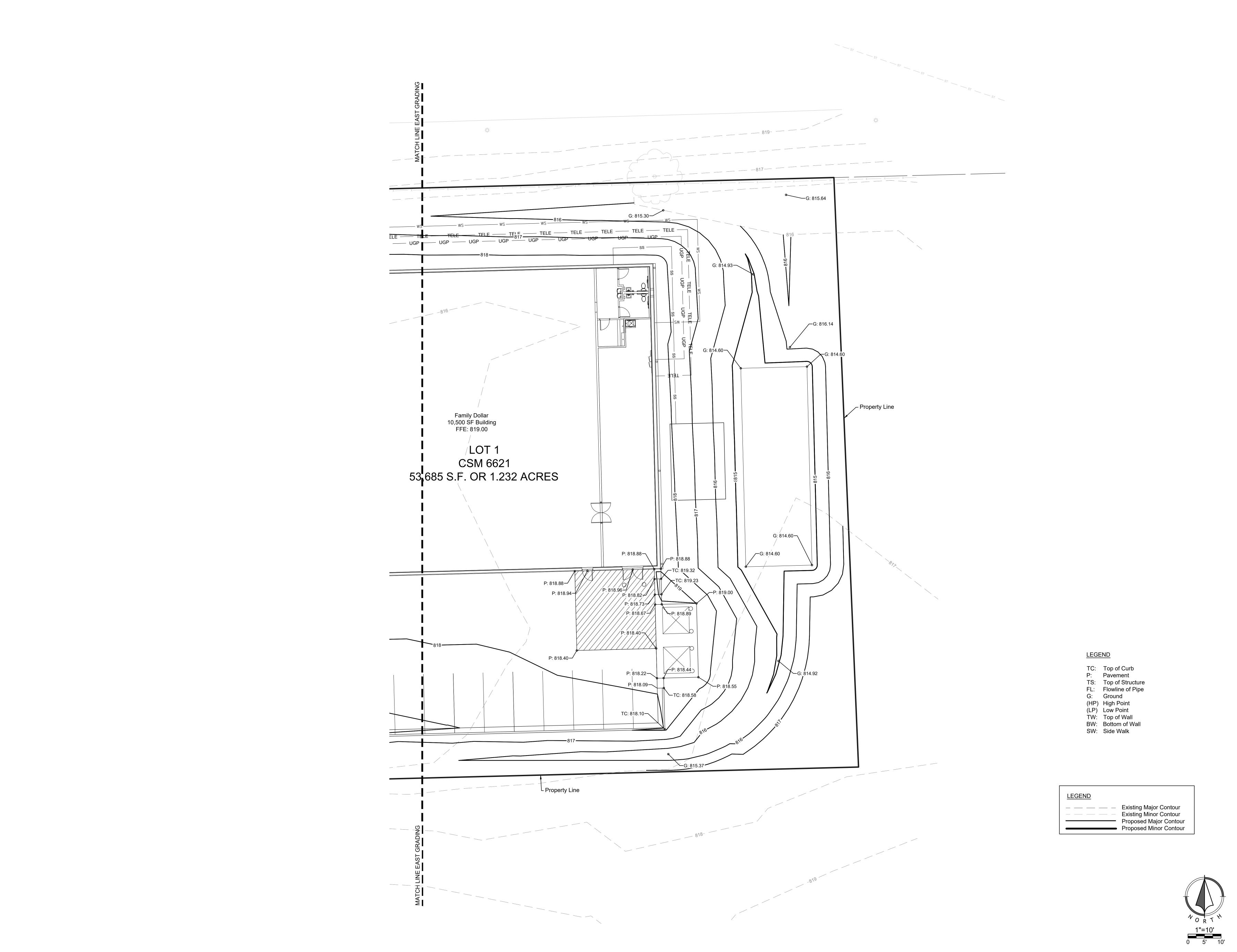
<u>LEGEND</u>	
	<ul> <li>Existing Major Contour</li> <li>Existing Minor Contour</li> <li>Proposed Major Contour</li> <li>Proposed Minor Contour</li> </ul>

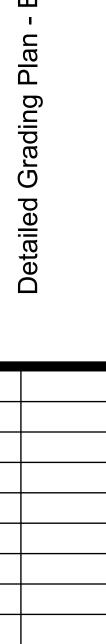


Sheet C3.0

NO. DATE REVISION





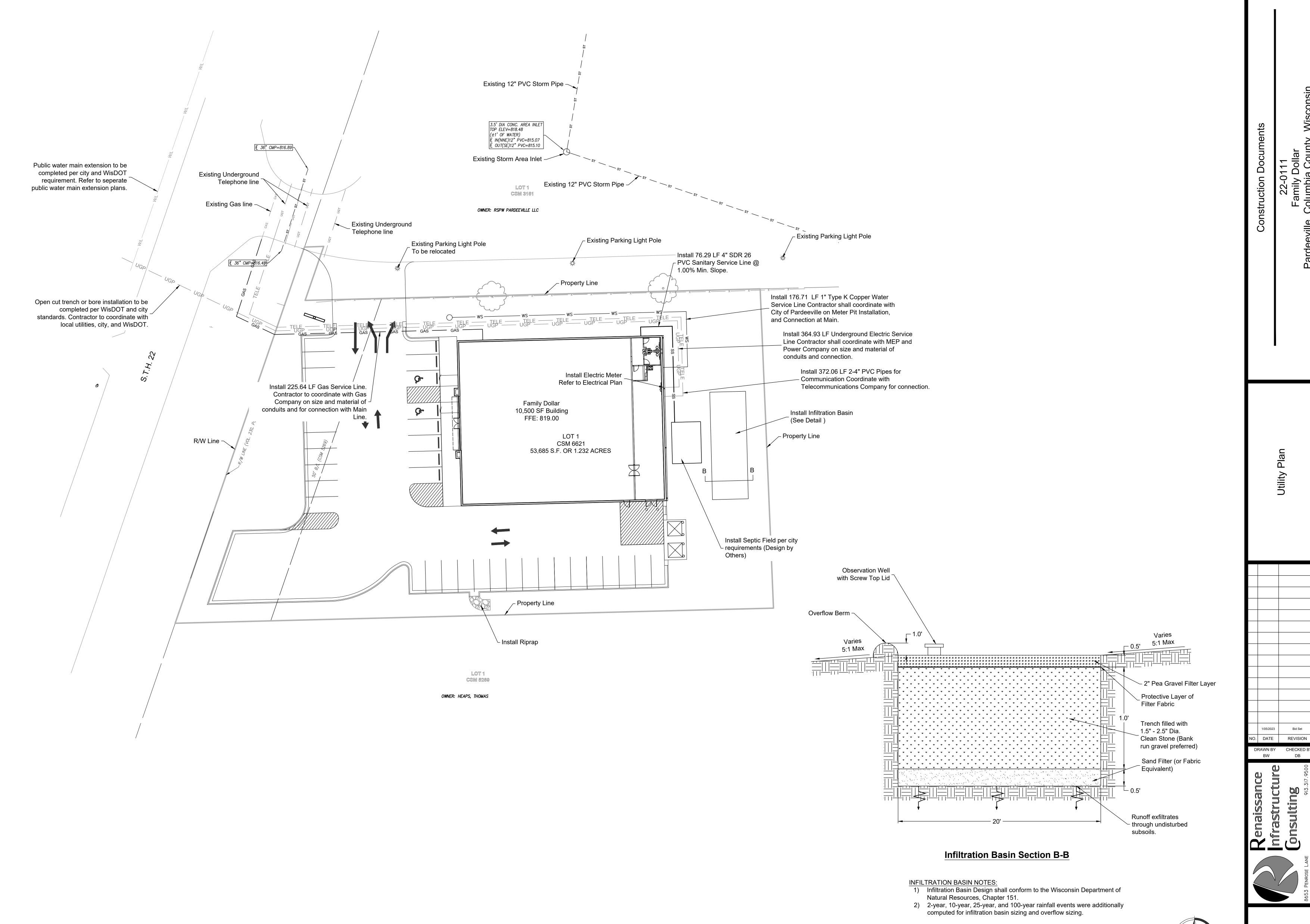


NO. DATE REVISION



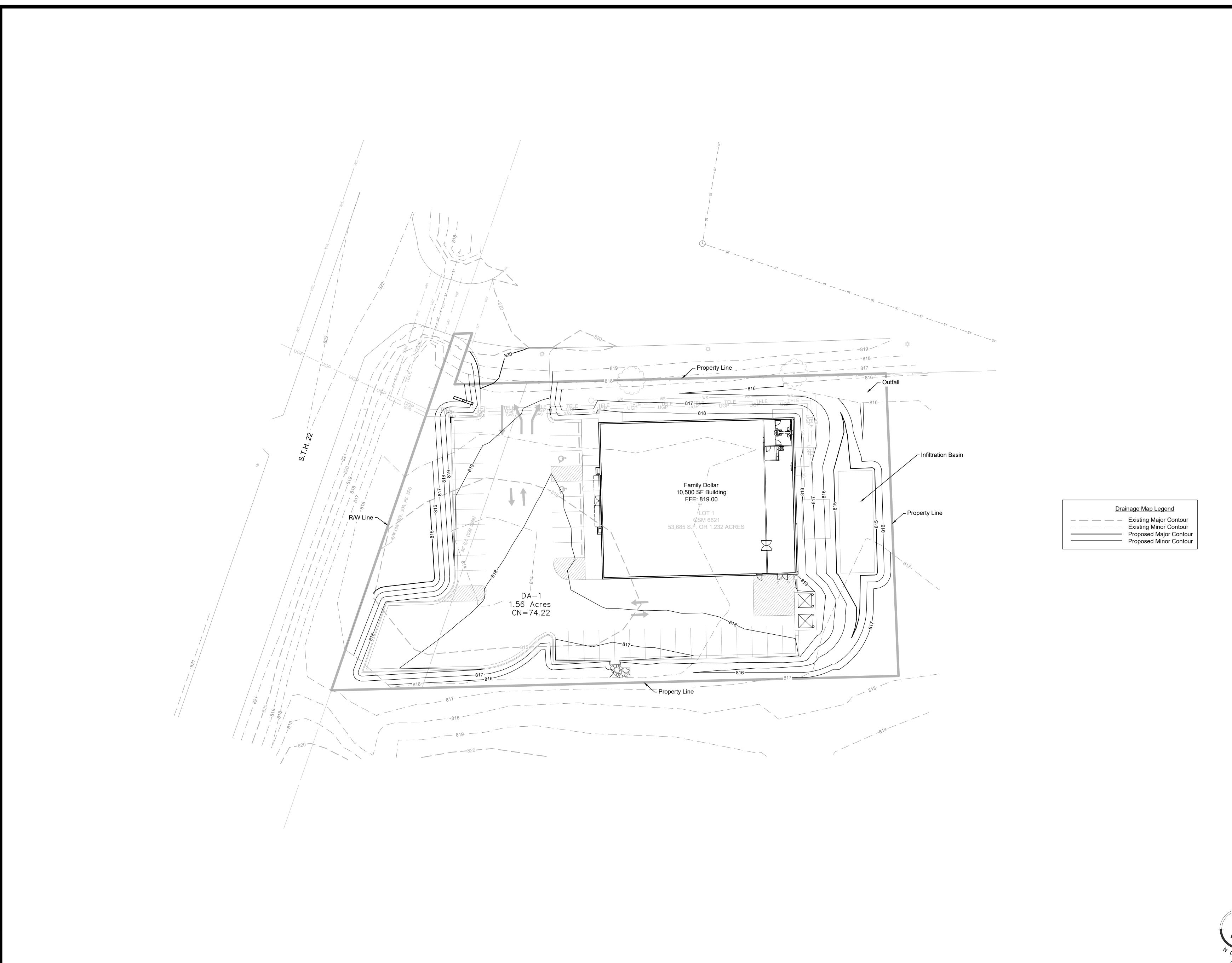


Sheet C3.2



1"=20' 0 10' 20'

Sheet C4.0



1"=20' 0 10' 20'

Sheet C5.0

Stabilized Construction Entrance

Staging Area

Concrete Washout Limits of Disturbance

Perimeter Silt Fence Inlet Protection

EROSION CONTROL NOTES

Existing Parking Light Pole

3

- 1. Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
- 2. The retention of access controls and sediment controls shall be required for areas where seed has not established 70% cover.
- 3. The contractor shall temporarily seed and mulch all disturbed areas if soil disturbing activities cease and will not resume for more than 14 days. Stabilization activities must also be completed within 14 days.
- 4. Install "J' Hooks on silt fence every 100 LF
- 5. Any location that is being accessed by vehicles needs to have a construction
- 6. Contractor must keep a broom on site in order to clean up mud tracked on to the
- 7. Any contractor parking that is in a disturbed area must be rocked to prevent tracking

<u>Gradin</u>	g Legend
	Existing Major Contour Existing Minor Contour Proposed Major Contour Proposed Minor Contour

## WRITTEN SEQUENCING

 Implement Pre-Clearing Plan:
 All temporary structural BMP's shown on the pre-clearing plan must be in place before the general clearing operations. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period.

Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place, around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor.

Clear and Stabilize Work Areas: Grade contractor areas and place all-weather surface on contractor areas.

	Crade contractor areas and place an weather carrage on contractor areas.
3.	Clearing and Grubbing:
	After Phase I BMP's are installed, contractor may clear, grub, and demo require
	areas as necessary.

	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
		1	Construction Entrance	11	Install Construction Entrance
	A-Prior to Construction	2	Staging Area	II	Install Staging Area
Phase I		3	Perimeter Silt Fence	III	Install Silt Fence
		4	Concrete Washout	II	Install Concrete Washout as Shown on Plans Prior to Pouring Any Concrete
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection	Ш	Install Filter Bags Prior to Construction
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	N/A	Redistribute Topsoil and Seed and Mulch all Disturbed Area. Stabilization Complete when 100% of Disturbed Area is Established with Perennial Vegetation with a Density of 70%

3.5' DIA CONC. AREA INLET TOP ELEV=818.48

(±1' OF WATER) E IN(NNE)12" PVC=815.07 E OUT(SE)12" PVC=815.10

OWNER: RSPW PARDEEVILLE LLC

ASPH. SURFACE

¢SM 6621 53,685 S.F. OR 1.232 ACRES

– Existing Parking Light Pole

OWNER: HEAPS, THOMAS

Existing Parking Light Pole

Existing Underground
Telephone line

Existing Water Main ¬

Existing Underground

Existing Gas line ~

Telephone line



Sheet

Stabilized Construction Entrance

Staging Area

Limits of Disturbance Perimeter Silt Fence

Concrete Washout

Inlet Protection

### EROSION CONTROL NOTES

- 1. Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
- 2. The retention of access controls and sediment controls shall be required for areas where seed has not established 70% cover.
- 3. The contractor shall temporarily seed and mulch all disturbed areas if soil disturbing activities cease and will not resume for more than 14 days. Stabilization activities must also be completed within 14 days.
- 4. Install "J' Hooks on silt fence every 100 LF
- 5. Any location that is being accessed by vehicles needs to have a construction
- 6. Contractor must keep a broom on site in order to clean up mud tracked on to the
- 7. Any contractor parking that is in a disturbed area must be rocked to prevent tracking

Gradir	ng Legend
	Existing Major Contour Existing Minor Contour Proposed Major Contour Proposed Minor Contour

## WRITTEN SEQUENCING

 Implement Pre-Clearing Plan:
 All temporary structural BMP's shown on the pre-clearing plan must be in place before the general clearing operations. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period.
Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place, around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor.

Clear and Stabilize Work Areas:

Grade contractor areas and place all-weather surface on contractor areas.

	•
3.	Clearing and Grubbing:
	After Phase I BMP's are installed, contractor may clear, grub, and demo require
	areas as necessary

	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
Phase I	A-Prior to Construction	1	Construction Entrance	=	Install Construction Entrance
		2	Staging Area	=	Install Staging Area
		3	Perimeter Silt Fence	III	Install Silt Fence
		4	Concrete Washout	=	Install Concrete Washout as Shown on Plans Prior to Pouring Any Concrete
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection	III	Install Filter Bags Prior to Construction
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	KI/A	Redistribute Topsoil and Seed and Mulch all Disturbed Area. Stabilization Complete when 100% of Disturbed Area is Established with Perennial Vegetation with a Density of 70%

OWNER: HEAPS, THOMAS

3.5' DIA CONC. AREA INLET TOP ELEV=818.48

(±1' OF WATER) E IN(NNE)12" PVC=815.07 E OUT(SÉ)12" PVC=815.10

OWNER: RSPW PARDEEVILLE LLC

ASPH. SURFACE

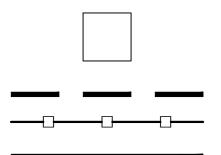
¢SM 6621 53,685 S.F. OR 1.232 ACRES



Sheet C6.1

Stabilized Construction Entrance

Staging Area



Concrete Washout

Limits of Disturbance Perimeter Silt Fence

Inlet Protection

### EROSION CONTROL NOTES

- 1. Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
- 2. The retention of access controls and sediment controls shall be required for areas where seed has not established 70% cover.
- 3. The contractor shall temporarily seed and mulch all disturbed areas if soil disturbing activities cease and will not resume for more than 14 days. Stabilization activities must also be completed within 14 days.
- 4. Install "J' Hooks on silt fence every 100 LF
- 5. Any location that is being accessed by vehicles needs to have a construction
- 6. Contractor must keep a broom on site in order to clean up mud tracked on to the
- 7. Any contractor parking that is in a disturbed area must be rocked to prevent tracking

Grading Legend						
	Existing Major Contour Existing Minor Contour Proposed Major Contour Proposed Minor Contour					

### WRITTEN SEQUENCING

Property Line

- Implement Pre-Clearing Plan:
   All temporary structural BMP's shown on the pre-clearing plan must be in place before the general clearing operations. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period.
  Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place, around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor.
- Clear and Stabilize Work Areas:
- Grade contractor areas and place all-weather surface on contractor areas.
- Clearing and Grubbing:
  After Phase I BMP's are installed, contractor may clear, grub, and demo required areas as necessary.

	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
Phase I	A-Prior to Construction	1	Construction Entrance	II	Install Construction Entrance
		2	Staging Area	II	Install Staging Area
		3	Perimeter Silt Fence	III	Install Silt Fence
		4	Concrete Washout	II	Install Concrete Washout as Shown on Plans Prior to Pouring Any Concrete
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection	III	Install Filter Bags Prior to Construction
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	NI/A	Redistribute Topsoil and Seed and Mulch all Disturbed Area. Stabilization Complete when 100% of Disturbed Area is Established with Perennial Vegetation with a Density of 70%



NO. DATE REVISION

Sheet

C6.2

Family Dollar 10,500 SF Building FFE: 819.00 OWNER: HEAPS, THOMAS

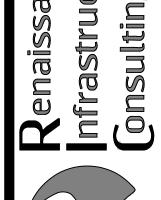
3.5' DIA CONC. AREA INLET TOP ELEV=818.48

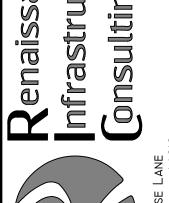
£ IN(NNE)12" PVC=815.07 E OUT(SÉ)12" PVC=815.10

(±1' OF WATER)

OWNER: RSPW PARDEEVILLE LLC

ASPH. SURFACE













O. DATE REVISION

request, make an inspection to determine acceptability:

1. Lawn Work may be inspected for acceptance in parts agreeable to Owner, provided Work offered for inspection is complete, including maintenance. 2. An Acceptable stand of grass shall be considered when there is a minimum of 95% ground coverage with no bare

21,871.43 sf

spots greater than 12" Square.

B. Replant rejected work and continue specified maintenance until re-inspected by Landscape Architect and Owner and found to be acceptable.

required. Recondition other existing lawn areas where indicated.

F. Water newly planted areas and keep moist until new grass is established.

throughout maintenance period until lawn is established.

D. Perform maintenance throughout the 90 day maintenance period.

than 1 lbs of actual nitrogen per 1,000 square feet of lawn area.

surrounding soil, but not cause erosion or disposition of seeds.

Replace with new topsoil.

C. Cultivate bare and compacted areas thoroughly to provide a good, deep planting bed.

B. Provide fertilizer, sod, and soil amendments as specified for new lawns and as required to provide satisfactorily

D. Remove diseased or unsatisfactory lawn areas; do not bury into soil. Remove topsoil containing foreign materials

resulting from Subcontractor's operations including oil drippings, stone, gravel, and other construction materials.

Where substantial lawn remains (but is thin), mow, rake, aerate if compacted, fill low spots, remove humps and

A. Erect barricades and warning signs as required to protect newly planted areas from traffic. Maintain barricades

A. Mow established grass to a shorter height (0.5 inches) prior to spring growth to remove dead leaf blades and debris.

C. Remove weeds by pulling or chemical treatment. Preemergent herbicide shall not be applied to establishing stands.

B. Mow grass to height of 0.5 to 1.5 inches as soon as there is enough top growth to cut with mower. Remove no more than 30% of grass leaf growth in initial or subsequent mowings. Do not delay mowing until grass blades bend over

1. Thoroughly water seeded areas daily to keep seeds moist until germination. After seeds have germinated,

2. Repair any portion of the seeded surface which becomes gullied or otherwise damaged. Reseed as required.

E. Apply second fertilizer application after first mowing and when grass is dry. Use fertilizer which will provide not less

A. When lawn Work is Substantially Complete, including maintenance, Landscape Architect and Owner will, upon

continue watering daily until the first mowing. Watering shall be in amounts enough to wet seeds and

selective chemical weed killers as required. Apply a seed-bed mulch, if required, to maintain moist condition.

cultivate soil, fertilize, and seed at a rate of 0.5 lbs per 1,000 SF. Remove weeds before seeding or, if extensive, apply

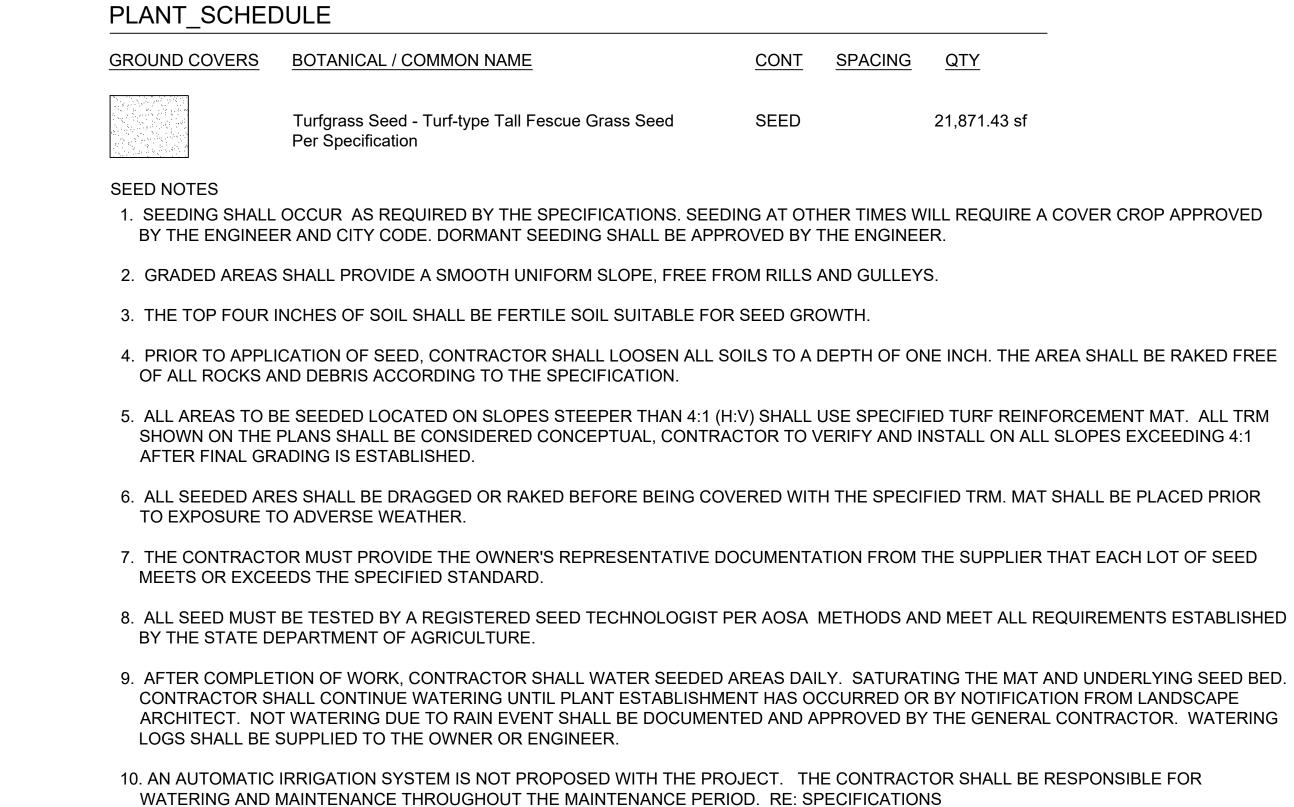
reconditioned lawn. Provide new planting soil as required to fill low spots and meet new finish grades.

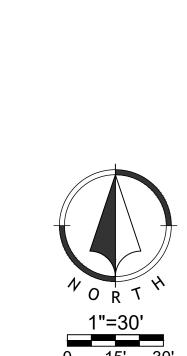
3.11 CLEANUP A. Promptly remove soil and debris created by lawn Work from paved areas. Clean wheels of vehicles prior to leaving Site to avoid tracking soil onto surfacing of roads, walks, or other paved areas.

END OF SECTION 329200

E. Seeded Areas:

3.10 ACCEPTANCE OF LAWNS:





other extraneous matter.

natural settlement.

planting of lawns. Do not create a muddy soil condition.

G. Allow for sod thickness in areas to be sodded.

### SECTION 329200 - LAWNS

# PART 1 - GENERAL

1.1 SUMMARY A. This Section includes the following areas of Work:

- 1. Fine grading and preparing lawn areas.
- 2. Furnishing and applying topsoil. 3. Furnishing and applying limited soil amendments.
- 4. Sodding new lawn areas. 5. Reconditioning existing lawn areas.
- 6. Replanting unsatisfactory or damaged lawns. 7. Maintenance.
- B. Related Work Specified Elsewhere:
- 1. Trees and Shrubs: SECTION 329300
- 1.2 REFERENCES
- A. Applicable Standards:
- 1. American Society for Testing and Materials (ASTM) Equivalent AASHTO standards may be substituted as approved.
- 1.3 SUBMITTALS
- A. Certification of each seed mixture for sod, identifying the sod source, including name and telephone number of supplier. Seed for sod must be sod quality and is to be gold tag standards with 0% other crop seed and 0% weed seed. B. Certification of each seed type for Native Grass mixture identifying the seed source, including name and telephone
- number of supplier.
- C. Engineer has final approval of seed grower, no exceptions. D. Qualification data for firms and persons specified in the "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and address of architects
- and owners, and other information specified. E. Material test reports from qualified independent testing agency indicating and interpreting test results relative to
- 1. Agronomic and biological analysis of existing surface soil.

or Biological Engineering, or a related field.

- 2. Agronomic and biological analysis of all imported topsoil.
- F. Maintenance instructions recommending procedures to be performed by Owner for maintenance of landscaping during an entire year. Submit before expiration of required maintenance periods.
- 1.4 QUALITY ASSURANCE
- A. Qualifications: A qualified subcontractor shall employ or provide a qualified installation manager who meets any or 2.2 LIMITED SOIL AMENDMENTS all of the required qualifications;

1. Bachelor of Science Degree in Horticulture, Botany, Soil Physics, Agronomy, General Agriculture, Agricultural

- 2. An individual with field experience as approved by the Landscape Architect or Registered Engineer.
- B. Installer Qualifications: Engage an experienced Installer who has completed landscaping work similar in material, design, and extent to that indicated for this Project and with a record of successful turf establishment.
- 1. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on the Project site during times that turf planting is in progress.

C. Testing Agency Qualifications: To qualify for acceptance, an independent testing agency must demonstrate to Landscape Architect's satisfaction, based on evaluation of agency-submitted criteria conforming to ASTM E 699, that it has the experience and capability to satisfactorily conduct the testing indicated without delaying the Work.

D. Topsoil Analysis: Furnish a soil analysis made by a qualified independent soil-testing agency stating percentages of

CSM 3161 OWNER: RSPW PARDEEVILLE LLC

C\$M 6621

53,685 S.F. OR 1.232 ACRES

- organic matter by Loss on ignition, inorganic matter (proportion of silt, clay, and sand), deleterious material including biological contamination, pH, mineral and plant-nutrient content of topsoil, and cationic exchange capacity. 1. Report suitability of topsoil for grass growth from horticulturist. State recommended quantities of nitrogen, phosphorus, and potash nutrients and any limestone, aluminum sulfate, or other soil amendments to be added to
- produce satisfactory topsoil.
- 1.5 DELIVERY, STORAGE AND HANDLING A. Sod: Harvest, deliver, store, and handle sod according to the requirements of the Turfgrass Producers International (TPI) "Specifications for Turfgrass Sod Materials and Transplanting/Installing."
- B. Native Seed: Delilver packaged materials in containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored at site.
- 1.6 COORDINATION AND SCHEDULING
- A. Planting Season: Install seed during normal planting seasons for type of lawn work required. Correlate planting with specified maintenance periods to provide required maintenance from date of Substantial Completion.
- B. Weather Limitations: Proceed with work only when existing and forecast weather conditions are suitable for work.
- MAINTENANCE A. Lawns/turf areas: Begin maintenance of turfgrass immediately after each area is planted and continue until acceptable establishment, but for no less than the following periods:
- 1. Seeded Lawns: 90 days after date of Substantial Completion.
- B. Maintain and establish lawns by watering, fertilizing, weeding, mowing, trimming, replanting and other operations

C. Watering- Subcontractor shall be responsible of watering the sod as required by this Specification. Subcontractor may

- use irrigation system to accomplish watering. Subcontractor shall be responsible for coordinating with irrigation 2.5 MYCORRHIZAL INOCULANT contractor for scheduling of irrigation system to provide required water needs.
- D. Post-fertilization: Apply fertilizer to lawn after first mowing and when grass is dry.
- A. Standard Topsoil: ASTM 5268, pH range 5.5 to 7. Free of stones 1 inch or larger in any dimension, and other
- extraneous materials harmful to plant growth. 1. Topsoil Source: Reuse surface soil stockpiled on the site where available. Verify suitability of surface soil to produce topsoil meeting requirements and amend when necessary. Supplement with imported topsoil when PART 3 - EXECUTION quantities are insufficient. Imported topsoil shall meet the requirements of this specification for composition Clean all topsoil of roots, plants, sods, stones, clay lumps, and other extraneous materials harmful to plant 3.1 EXAMINATION
- A. Herbicides: EPA registered and approved, of type recommended by manufacturer and approved by the Landscape
- B. Compost: Well-composted, stable and weed-free organic matter, pH range of 5.5-8; moisture content 35-55 percent by weight; 100 percent passing through 3/4-inch sieve; soluble salt content less than 4 decisiemens/m; not exceeding 0.5 percent inert contaminants and free of substances toxic to plantings. C. Water: Potable.
- 2.3 GRASS SEED:

- A. Provide fresh, clean, new crop seed complying with tolerance for purity and germination established by Official Seed Analysts of North America and as required below.
- B. Be labeled according to the U.S. Department of Agriculture Federal Seed Act and shall be furnished in containers with tags showing seed mixture, purity, germination, weed content, name of seller, and date on which seed was tested. C. Seed Mix: 10% Bluegrass & 90% Turf-Type Tall Fescue, composed of an equal mix of three or four compatible species of bluegrass and one or two species of fescue. The mixture shall not include any varieties of the slower
- growing "Dwarf" fescue types. . Fescue Varieties, or approved equal Apache, Arid, Austin, Bonanza, Carefree, Cheiftan, Cimmaron, Cochise, Falcon, Guardian, Houndog, Jaguar II,
- Maverick II, Mustang, Olympic, Phoenix, Rebel II, Rebel 3D, Safari, Shenandoah, Thoroughbred, Titan, Tribute,
- . Bluegrass Varieties, or approved equal
  - a. Asset, Kenblue, Midnight, Nassau, Ruby II, Troy
- 3. Moldy seed or seed that has been damaged in storage shall not be used.
- 4. All seed shall be hulled and/or coated for optimum growth performance and quicker establishment. 5. Landscape Architect shall have final approval of all seed blends and mixtures.
- D. Cover Crop: As approved by Landscape Architect, Contractor shall submit mix for approval.
- 3.4 SEEDING NEW LAWNS: A. Post Seeding Commercial fertilizer of neutral character, with some elements derived from organic sources, containing not less than 1 lbs. of actual nitrogen per 1,000 square feet of lawn area. Fertilizer shall be applied per manufacturers
- B. Commercial Starter Fertilizer: Prior to the use of a starter fertilizer, the contractor shall perform a soil test and amend soil as required to ensure optimum growth performance. Starter fertilizer shall be applied per manufacturers
- C. Deliver to site in labeled bags or containers.
- D. Rake seed lightly into top 1/8 inch of soil, roll lightly, and water with fine spray. A. The Subcontractor shall utilize an organic, mycorrhizal inoculant for soil prep. The material shall be granular and applied per manufacturer's recommendation. M-Roots w/ Mycorrhiza or approved equal. For exact finish, insert names of coating manufacturers and products.
- 2.6 STRAW MAT A. Provide a biodegradable single net, two sided organic straw mat with functional longevity of 10-12 months by Greenfix Amerca, Product WS072 Double Net Straw or Approved Equal.
- B. Utilize Straw Mat for dormant seeding and on slopes greater than 4:1.

runoff or airborne dust to adjacent properties and walkways.

- A. Examine areas to receive lawns for compliance with requirements and for conditions affecting performance of work of this Section. Do not proceed with installation until unsatisfactory conditions have been corrected.
- A. Protect structures, utilities, sidewalks, pavements, and other facilities, trees, shrubs, and plantings from damage caused by planting operations. B. Provide erosion-control measures to prevent erosion or displacement of soils and discharge of soil-bearing water
- 3.3 SOIL PREPARATION
- 2. Hydroseeding: Mix seed, fertilizer and pulverized mulch with water and constantly agitate. Do not add seed to water more than 4 hours before application: a. On slopes of 2 horizontal to 1 vertical or flatter, apply seed separately from fertilizer. Cover seed with soil to

A. Dispose of any growth, rocks, or other obstructions which might interfere with tilling, seeding, sodding, or later

3.5 RECONDITIONING LAWNS:

an average depth of 13 mm (1/2 inch) by raking or other approved methods.

A. Recondition lawn areas damaged by construction operations, including storage of materials or equipment and

b. On slopes steeper than 2 horizontal to 1 vertical, seed and fertilizer may be applied in a single operation.

maintenance operations. Remove stones over 38 mm (1\_1/2 inches) in any dimension and sticks, roots, rubbish, and

B. Thoroughly loosen and pulverize topsoil to a depth of at least 100 mm (4 inches) for all standard turfgrass areas.

depressions to meet finish grades. Limit fine grading to areas which can be planted within immediate future.

C. Grade lawn areas to a smooth, even surface with loose, uniformly fine texture. Roll and rake, remove ridges and fill

D. Moisten prepared lawn areas before planting if soil is dry. Water thoroughly and allow surface to dry off before

E. Restore prepared areas to specified condition if eroded or otherwise disturbed after fine grading and prior to planting.

excavation, grading, or stripping operations, prepare soil for lawn planting as follows:

A. Do not use wet seed or seed which is moldy or otherwise damaged in transit or storage.

other, and 3 directions in high maintenance areas, as directed by the Engineer.

C. Sow not less than rate of 8 pounds per 1,000 square feet.

1. Perform seeding only during the following seasons:

minimum 6 week period.

1. Dry Seeding: Spreader or seeding machine.

manufacturer's recommendations.

other suitable equipment.

G. Seasonal Limitations:

J. Methods of Application:

F. Spread top soil mixture to depth required to meet thickness, grades, and elevations indicated after light rolling and

1. Remove and dispose of existing grass, vegetation, and turf. Do not turn over into soil being prepared for lawns.

2. Till surface soil to a depth of at least 6 inches. Apply required soil amendments and initial fertilizers and mix

3. Clean surface soil of roots, plants, sod, stones, clay lumps, and other extraneous materials harmful to plant

4. Remove waste material, including grass, vegetation, and turf, and legally dispose of it off the Owner's property.

B. Sow seed with a Brillion type seeding machine or where applicable and restricted by steep slopes or other areas not

accessible to the seeding machine, broadcast or drop seed methods may be used. Do not broadcast or drop seed when

wind velocity exceeds 5 mph. Evenly distribute seed by sowing equal quantities in 2 directions at right angles to each

. Protect seeded slopes exceeding 1:4 against erosion with erosion-control blankets installed and stapled according to

F. Protect seeded areas with slopes less than 1:4 against erosion by spreading mulch as specified after completion of

seeding operations. Spread uniformly to form a continuous blanket over seeded areas. Spread by hand, blower, or

a. Recommend seeding when temperatures ranging from 50 degrees Fahrenheit to 70 degrees Fahrenheit for a

thoroughly into top 4 inches of soil. Trim high areas and fill in depressions. Till soil to a homogenous mixture

H. Preparation of Unchanged Grades: Where lawns are to be planted in areas that have not been altered or disturbed by 3.6 PROTECTION:

Incorporation into the soil will not be required.

movement of vehicles. Also recondition lawn areas where settlement or washouts occur or where minor regrading is

**CONSTRUCTION SPECIFICATIONS:** 

1. STONE SIZE — USE (2) INCH STONE, OR RECLAIMED OR RECYCLED EQUIVALENT.

2. LENGTH — AS REQUIRED, BUT NOT LESS THAN (50) FEET.

3. THICKNESS — NOT LESS THAN SIX (6) INCHES. 4. WIDTH - TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.

<u>Plan View</u>

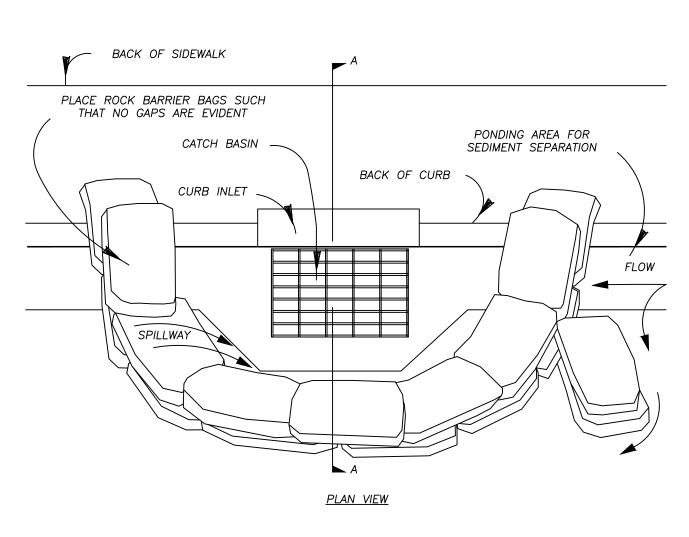
5. FILTER CLOTH — WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION

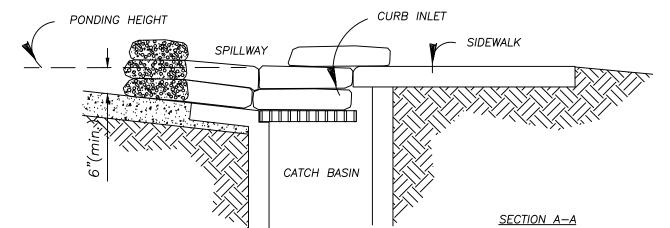
ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED. 7. MAINTENANCE — THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT

OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. 8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH

STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 9. PERIODIC INSPECTION AS NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

Temporary Construction Entrance Not to Scale





1. ALL ROCK BAG BARRIERS MUST AGREE WITH THE NOTES ON PREVIOUS PAGE. 2. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND

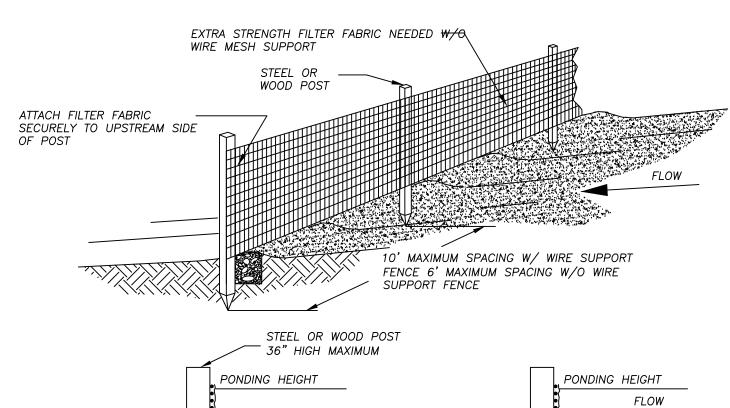
AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF. 3. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.

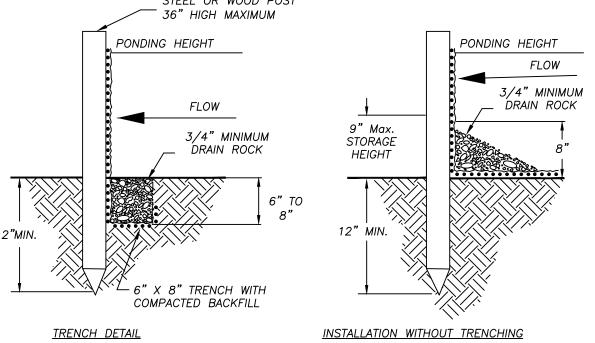
4. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.

5. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY

Rock Bag Curb Inlet Barrier

Not to Scale





NOTES:

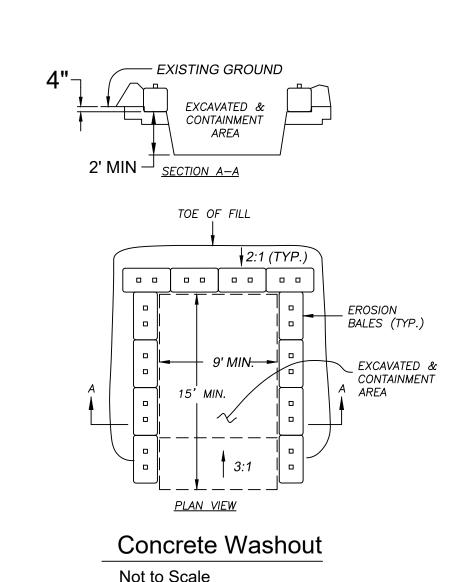
1. MUST BE INSTALLED PROPERLY TO AVOID NOTICE OF VIOLATION.

2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY. 3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE

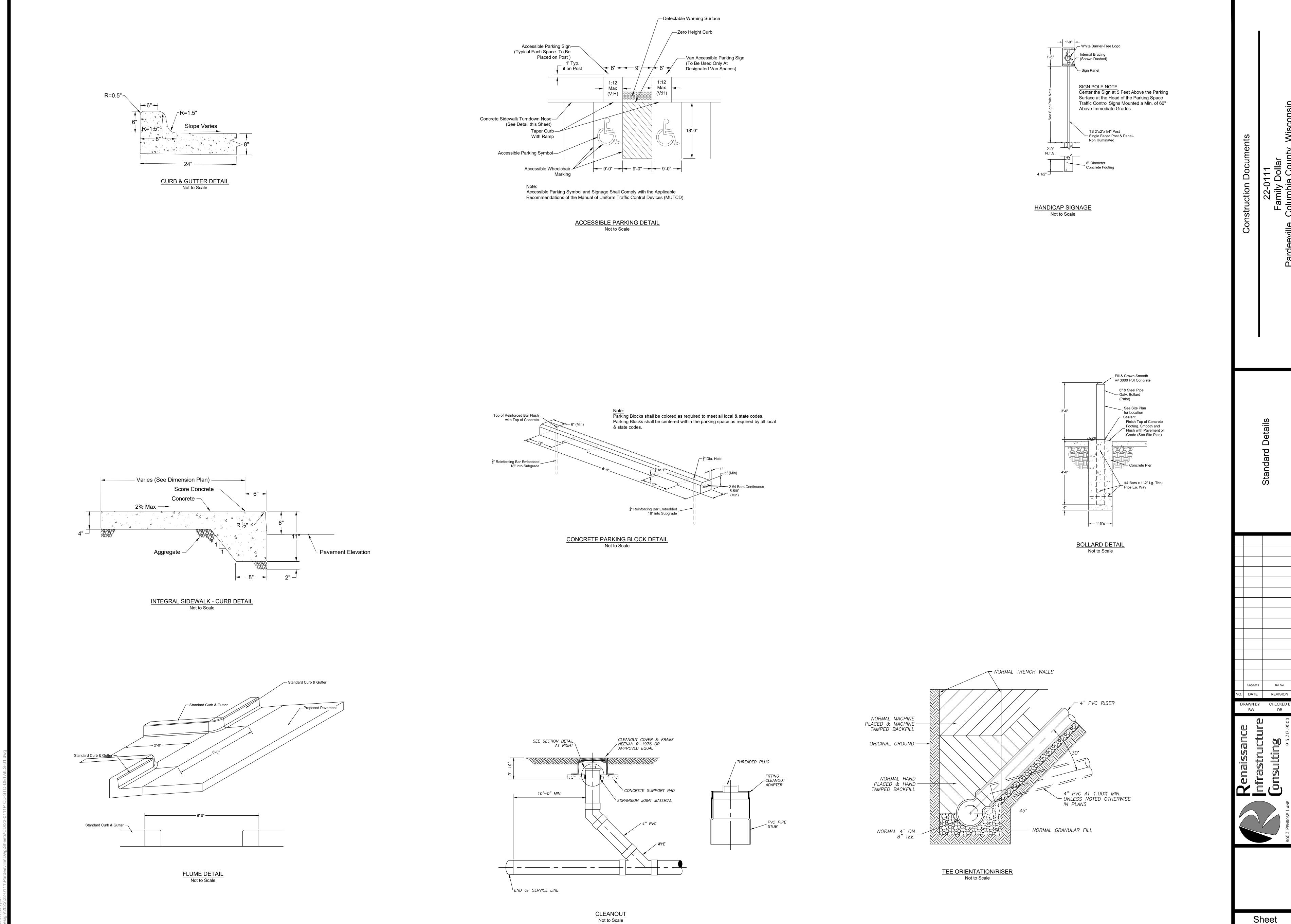
SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT. 4. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF—SITE AND CAN BE PERMANENTLY STABILIZED.

Filter Fabric Silt Fence

Not to Scale



C6.4



bwentz

Sheet C7.0

### **Kayla Lindert**

**From:** Erin Salmon

Sent: Wednesday, August 2, 2023 11:09 AM

To: Kayla Lindert

**Cc:** pvillepresident (pvillepresident@gmail.com)

**Subject:** Fwd: Dollar Tree Site Plan Review

Attachments: 00041028 Pardeeville Family Dollar\_CRS review 080123.pdf

#### Kayla,

Please print this email to .pdf for the plan commission meeting. Please also attach the memo.

Also include both in the Board packet as reference.

Thanks!

Erin M. Salmon, P.W.M.
Village Administrator/Director of Public Works
Village of Pardeeville & Pardeeville Utilities

Sent from my U.S.Cellular<sup>®</sup> Smartphone

Get Outlook for Android

From: Bill Pinnow <br/>
<br/>
Sent: Wednesday, August 2, 2023 10:49:52 AM

To: agabbert@ric-consult.com <agabbert@ric-consult.com>

Cc: Erin Salmon <dpw@villageofpardeeville.net>; Bill Pinnow <br/>bpinnow@msa-ps.com>; Makenzie Gingras

<mgingras@msa-ps.com>

Subject: Dollar Tree Site Plan Review

#### Andy,

MSA has completed a review of the Family Dollar site plan in Pardeeville. MSA is recommending a conditional approval at the upcoming meeting Tuesday August 8<sup>th</sup> however several items require additional attention prior to final approval. Please review and if any items are addressed prior the meeting, we will provide that information to the Plan Commission as being completed.

Feel free to reach out to me with any questions. If you have information to be resubmitted, please send it to me directly or you can send stormwater specific information/comments to our stormwater reviewer Mackenzie Gingras at <a href="mgingras@msa-ps.com">mgingras@msa-ps.com</a>. Thank you.



Bill Pinnow, PE | Principal Engineer

MSA Professional Services, Inc.

100% Employee Owned

+1 (608) 421-7140

An Equal Employment Opportunity/Affirmative Action Employer





August 1, 2023

Village of Pardeeville ATTN: Erin Salmon 114 Lake Street Pardeeville, WI 53954

Re: Family Dollar Site Review – Pardeeville, WI

MSA PN 00041028

MSA reviewed the site plan received on July 12, 2023 for the proposed Family Dollar located at N6776 State Road 22 in Pardeeville, WI as well as the "Storm Water Drainage Study", dated June 28<sup>th</sup> 2023, provided by RIC. The address listed on the plan set is the address associated with the property prior to annexation to the Village of Pardeeville. At this time, a new address has not been assigned. An ordinance annexing the property into the Village of Pardeeville was adopted on September 20, 2022 and was recorded at the Village of Columbia County Register of Deeds October 27, 2022. The current zoning of the parcel is B-2.

#### General:

- 1. Lighting and landscaping plans were not included with the March 10, 2023 or this submittal. Please provide for review.
- 2. Temporary Construction Entrance shown on Sheet C6.4 should note the requirement for 3-Inch Clear Stone.
- 3. Are the Cleanout and Tee Orientation Riser shown on Sheet C7.0 used within this project? If so, they should be called out on Sheet C4.0. If not, they should be removed from Sheet C7.0
- 4. The site exceeds one acre therefore an approved Notice of Intent Permit approved by WDNR is required to be provided to the Village prior to being issued Site Plan Approval.
- **5.** WDOT site access and permit to work in right of way required to be provided for the property prior to final approval being issued by the Village.

#### Stormwater:

The project site appears to be able to meet stormwater management requirements, however additional items are required for further review.

- 6. Soil borings and/or test pits may be required to be performed to confirm the native soil infiltration rate in the location of the infiltration basin. Reference Wisconsin Storm Water Post-Construction Technical Standard 1002.
- 7. Is the infiltration basin intended to follow the technical requirements for 1003: Infiltration Basin or 1007: Infiltration Trench? The design detail in the provided Construction Documents appears to be following the design for an infiltration trench.
- 8. Please provide the WinSLAMM modeling input data and information. The drainage report only provides portions of the modeling output, but MSA cannot verify the project area and infiltration basin inputs.

1702 Pankratz Street Madison, WI 53704

P (608) 242-7779 TF (608) 575-7568 F (608) 242-6646

www.msa-ps.com

Pardeeville, WI 53954 August 1, 2023

- 9. It appears that there is more offsite area runoff contributing to the infiltration basin that has not been accounted for, particularly the agricultural lot to the south. There is more than 1 acre from this property that will drain to the southern swale and into the infiltration basin. Is this intended, or will some type of small berm be built to keep this out of the infiltration basin? There is also offsite runoff coming from the lot to the north, however it is a smaller area. MSA estimates about 2.6 acres will contribute to the infiltration basin, this includes the offsite areas.
- 10. Are the swales the intended pretreatment method for this site? Do the swales meet the pretreatment 80% TSS reduction requirement? Often, a bioretention basin will be used for stormwater management so the 2-ft engineered soil layer can be used for pretreatment before infiltration.

#### **Utilities:**

- 11. Well location needs to be called out on Sheet C4.0.
- 12. Edit water service note on Sheet C4.0 to pertain to a well connection and not a water main.
- 13. The sewer is connected to a septic system to be designed by others. Details on septic design not provided with this submittal. Provide details on septic design.
- 14. Proposed septic field location to be verified as to not conflict after stormwater management.
- 15. Confirm with Village of Pardeeville Fire Department location, if necessary, for knox box to be placed on building. Please provide a response.

#### **Grading:**

- 16. Grading on the frontage of the property creates a low area at elevation 815.0 with no outlet.
- 17. Provide spot grades and slope arrows and percentages. Plan appears to have areas that are below acceptable minimum standards. (Grass slope >1.0%, asphalt slope >1.0%)

MSA is recommending approval of the site plan conditional on receiving information provided above and items 1-17 being addressed.

Sincerely,

MSA Professional Services, Inc.

Bill Plnnow, PE

Consulting Engineer