Resolution No. 80-22

RESOLUTION OF THE VILLAGE BOARD OF THE VILLAGE OF GREENVILLE APPROVING ENGINEERING PLANS FOR HILLVIEW ESTATES LOCATED AT PARCEL 111010904

WHEREAS, Engineering Plans request has been applied for Parcel 111010904 as shown on Exhibit A; and

WHEREAS, the Planning Commission has made a recommendation to the Village Board; and

NOW, THEREFORE, BE IT RESOLVED that the Village Board of Trustees of the Village of Greenville hereby approves the Engineering Plans for Hillview Estates.

The approval shall be conditioned on all remaining comments that require revision and any future comments that may require revision. If the applicant disagrees with future comments they may bring back the Engineering Plans for consideration by the Planning Commission and Village Board. Upon final revisions being completed the final Engineering Plans should be included with this Resolution and replace Exhibit A.

The following language shall be placed on the preliminary and final plats: The temporary cul-de-sac easement and permanent cul-de-sac on Glen Rose shall be removed upon development of the property to the west when the road is extended.

This resolution was adopted by the Village of Greenville Board of Trustees on the 9th day of January, 2023:

VILLAGE BOARD OF THE
VILLAGE OF GREENVILLE, WISCONSIN

By: _____
Jack Anderson, Village President

ATTEST: _____
Wendy Helgeson, Clerk

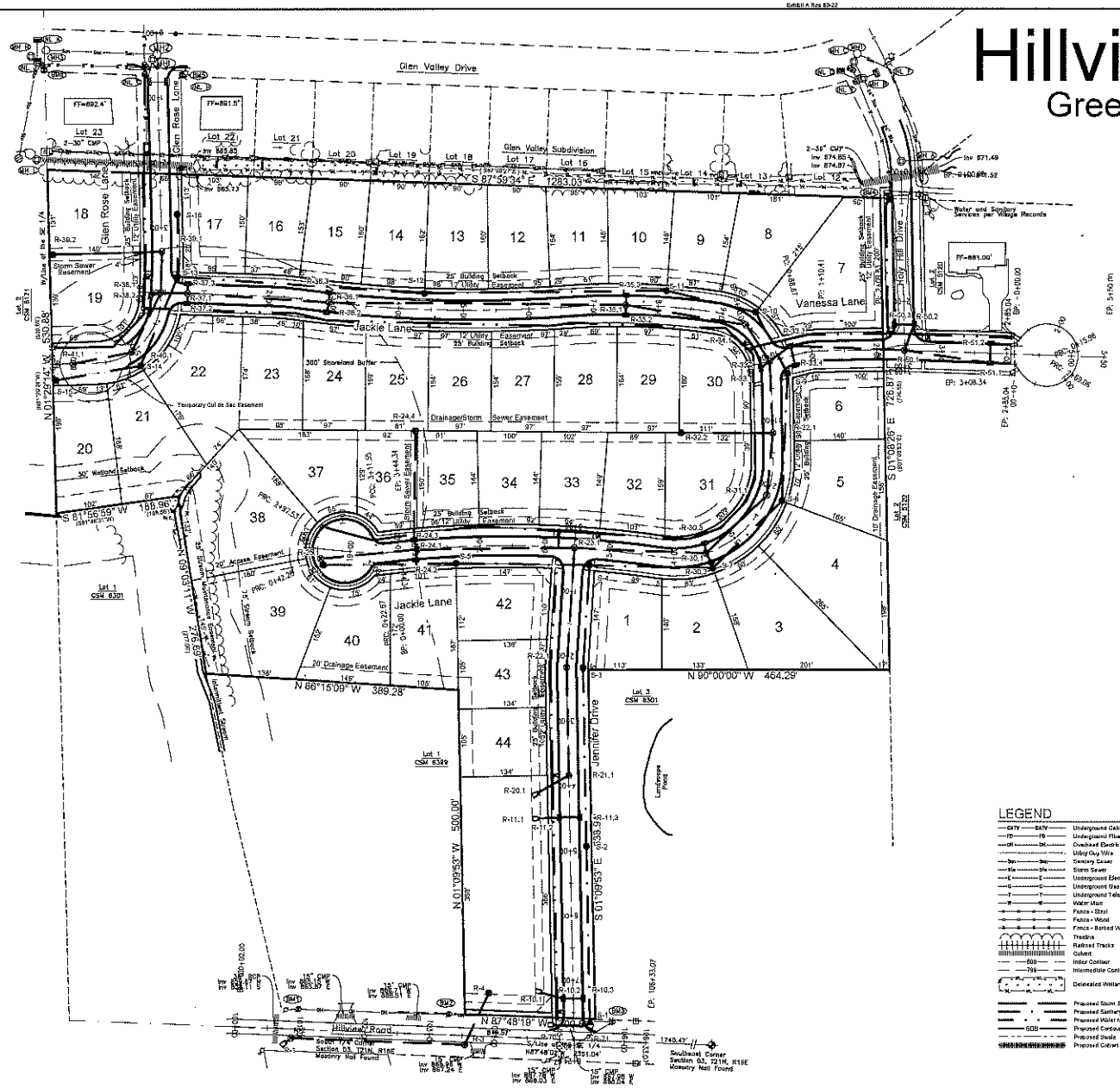
Motion to Approve Resolution No. 80-22 made by: Mulroy / Anderson

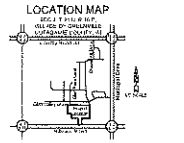
Votes:

Title	Name	Aye	Nay	Other
Trustee	Shattuck	✓		
Trustee	Peters	✓		
Trustee	Mulroy	✓		
Trustee	Strobel		✓	
President	Anderson	✓		

Posted:

Hillview Estates Village of Greenville, Outagamie County, WI





Sewer and Water shall be constructed in accordance with Standard Specifications of the Village of Greenville including select trench backfill within roadways to a distance two feet behind curbs.

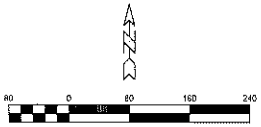
Streets shall be constructed in accordance with Standard Specifications of the Village of Greenville.

Contractor shall locate all buried facilities prior to excavating. This plan may not correctly or completely show all buried utilities.

The Contractor shall verify all staking and field layout against the plan and field conditions prior to constructing the work and immediately notify the Engineer of any discrepancies.

The Contractor shall comply with all conditions of the Erosion Control Plan and the Storm Water discharge Permit. All Erosion Control shall be done in accordance with the Plan and Wisconsin DNR Technical Standards.

Pipe lengths are measured to center of structure. Endwalls are included in pipe length.



SHEET INDEX:

SEWER & WATER COVER SHEET

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1164 Province Terrace, Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-441-0804
www.davel.pro

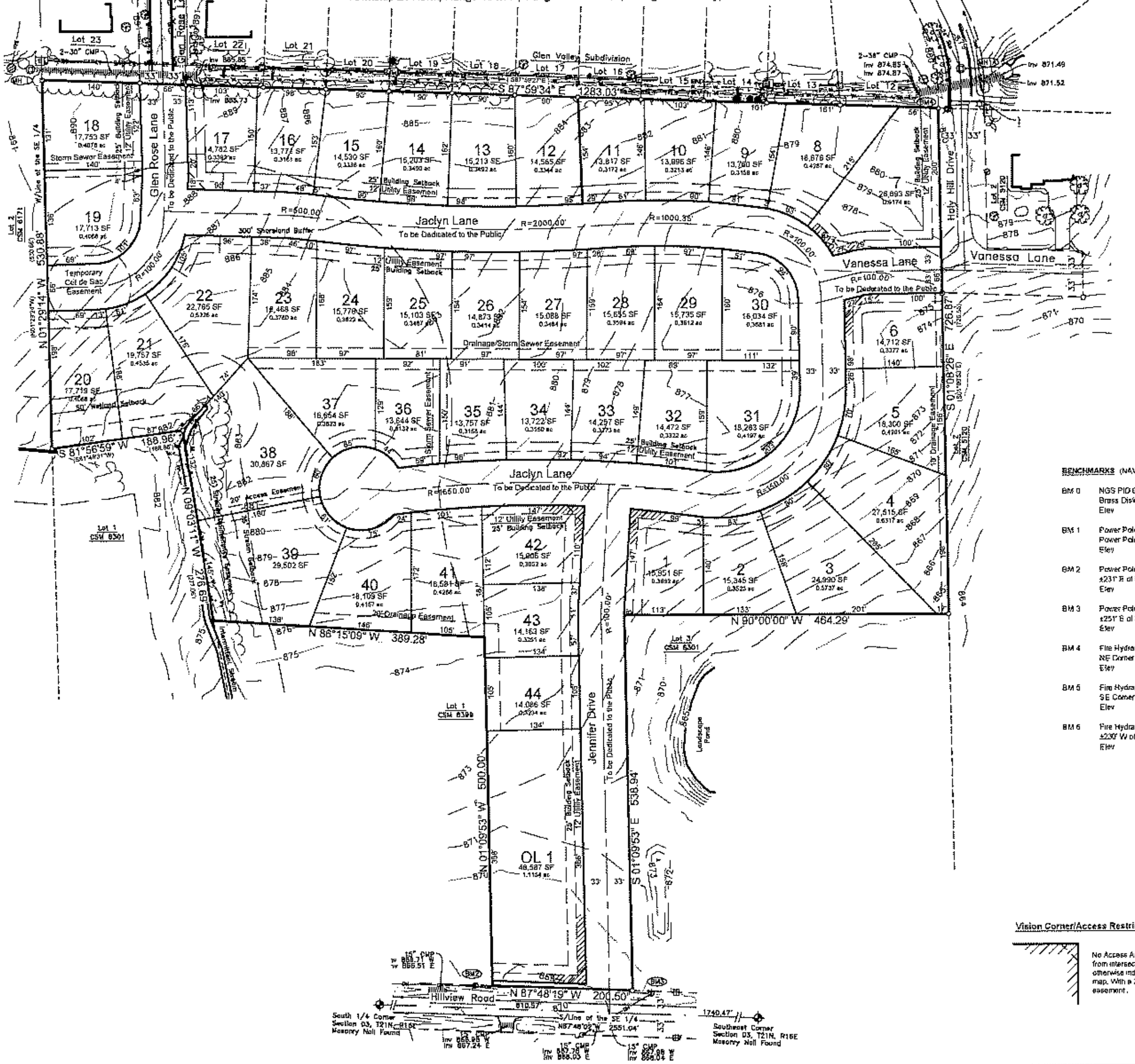
Project Number: 7344
December 1, 2022

Page 1.0

Preliminary Plat of

Hillview Estates

All of Lot 2 Certified Survey Map 6399 being part of the Southwest 1/4 of the Southeast 1/4 of Section 03, Township 21 North, Range 16 East, Village of Greenville, Outagamie County, Wisconsin



SUPPLEMENTARY DATA
Total Area = 1,010,978 SF 23.4155 acres
R/W Area = 211,956 SF 4.8558 acres
Net Area = 806,022 SF 18.5405 acres
Number of Lots = 44 Lots 1 Outlot
Average lot size = 13,500 SF
Typical lot dimension = 92'x 144'
Lineal feet of street = 3,227 LF
Existing zoning = AGD General Agricultural District
Proposed zoning = R1 Single Family
Approving Authorities
Village of Greenville
Objecting Authorities
Department of Administration
Outagamie County Planning & Zoning Committee

NOTES

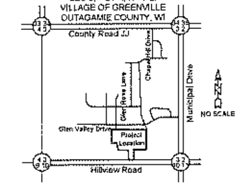
1. Soils on entire plat are listed as HrB
2. Outlot 1 is to be rezoned OS Open Space
3. Current Zoning setbacks are as follows:
   Front/Corner Side = 25'
   Interior Side = 8'
   Rear = 20'
4. Proposed Access Easement on Lots 38/39 is for accessing the Stream Maintenance Easement and will only be granted to the Village of Greenville.

SURVEYOR'S CERTIFICATE

I, James R. Sehloff, hereby certify that this Preliminary Plat is a correct representation of all existing land divisions and features, and that I have complied with the preliminary plat requirements for the **Village of Greenville.**

James R. Sehloff, P.L.S. No. S-2692 Date

LOCATION MAP
SEC 3, T 21 N, R 16 E.
VILLAGE OF GREENVILLE
OUTAGAMIE COUNTY, WI



Bearings are referenced to the South line of the Southeast 1/4, Section 03, T21N, R16E. assumed to bear N87°48'02"W, base on the Outagamie County Coordinate System.

Owner/Developer
DJW Investments, LLC
C/O Dave Winkel
411 S. Commercial St.
Neenah, WI 54956

Sanitary Structures

Structure	#	Rim	Inv	Size	Material	Direction
MH	1	879.02	868.70	8"	PVC	NW
			868.69	8"	PVC	N
			868.81	8"	PVC	E
MH	2	890.19	880.11	8"	PVC	N
			880.09	8"	PVC	E
			880.05	8"	PVC	W

Storm Structures

Structure	#	Rim	Inv	Size	Material	Direction
MH	A	879.17	872.35	24"	RCP	N
			872.35	24"	RCP	E
MH	B	878.40	873.68	24"	RCP	N
			873.65	10"	PVC	E
			874.03	10"	PVC	W
			873.70	24"		S
MH	C	878.87	873.77	24"	RCP	S
			873.80	18"	RCP	N
			873.80	18"	RCP	W
INL	D	878.85	875.59	10"	PVC	SE
INL	E	878.26	874.82	10"	PVC	NW
			874.77	10"	PVC	E
INL	F	878.06	875.01	10"	PVC	W
INL	G	889.04	885.93	10"	PVC	E
			885.87	12"	PVC	N
INL	H	889.20	886.05	10"	PVC	W
MH	I	890.27	885.34	18"	RCP	N
			885.27	18"	RCP	E
			885.23	12"	PVC	S
INL	J	891.01	887.45	24"	RCP	N
			887.45	24"	RCP	S

BENCHMARKS (NAVD 88)

BM 0 NGS PID 6093
Brass Disk in Concrete North ROW CTH JJ 300± E of Immel Road
Elev 896.60'

BM 1 Power Pole Nail East
Power Pole along Hillview Rd next to the creek WEST of the subdivision
Elev 866.93'

BM 2 Power Pole Nail North
±231' E of BM 1, Hillview Rd
Elev 870.51'

BM 3 Power Pole Nail West
±251' E of BM 2, Hillview Rd
Elev 870.81'

BM 4 Fire Hydrant, Tag Bolt
NE Corner of Property, at the end of Holy Hill Dr
Elev 881.83'

BM 5 Fire Hydrant, Tag Bolt
SE Corner of Glen Valley Dr and Glen Rose Ln
Elev 892.28'

BM 6 Fire Hydrant, Tag Bolt
±230' W of BM5 along South side of Glen Valley Dr
Elev 893.50'

Vision Corner/Access Restriction Detail

No Access Area 50' Each way from intersection unless otherwise indicated on the map. With a 25' vision corner easement.

LEGEND

—CATV—CATV—	Underground Cable TV		Sanitary MH / Tank / Base		CATV Pedestal
—FO—FO—	Underground Fiber Optic		Clean Out / Curb Stop / Pull Box		Gas Regulator
—OH—OH—	Overhead Electric Lines		Storm Manhole		Sign
	Utility Guy Wire		Inlet		Deciduous Tree
—San—San—	Sanitary Sewer		Catch Basin / Yard Drain		Coniferous Tree
—Stm—Stm—	Storm Sewer		Hydrant		1¼" Rebar Found
—E—E—	Underground Electric		Utility Valve		¾" Rebar Found
—G—G—	Underground Gas Line		Utility Meter		1.3" O.D. Iron Pipe Found
—T—T—	Underground Telephone		Light Pole / Signal		Government Corner
—W—W—	Water Main		Electric Pedestal	( )	Recorded As
	Treeline		Electric Transformer		Benchmark
	Culvert		Air Conditioner		Asphalt Pavement
—800—	Index Contour		Telephone Pedestal		Concrete Pavement
—799—	Intermediate Contour	+799.9	Ex Spot Elevation		Gravel
	Delineated Wetlands				

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PRELIMINARY PLAT

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

Date 12/1/2022
Filename 7344Plat.dwg
Author JRS
Last Saved by jennifer
Page 1.1

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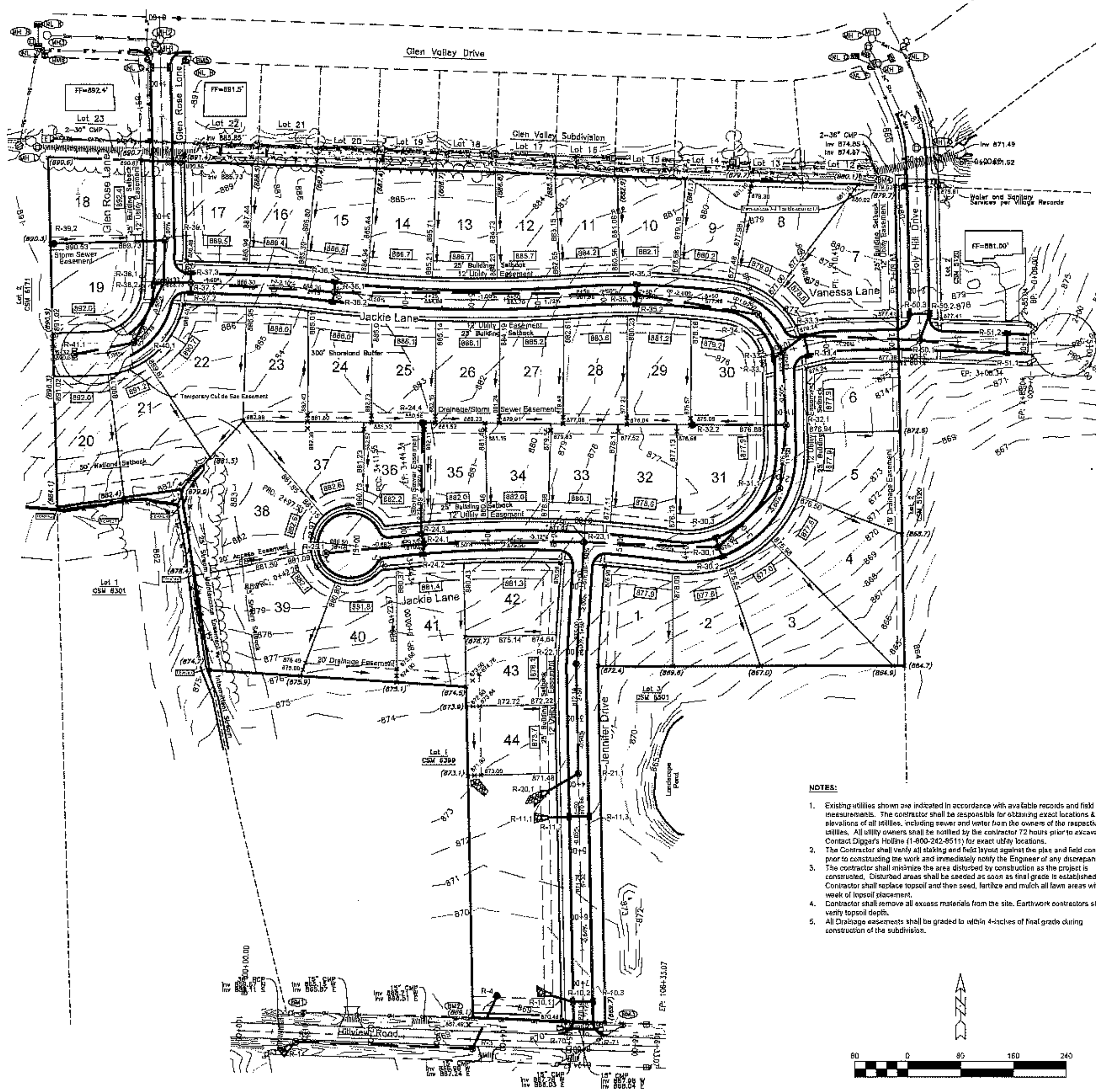


HOUSE ELEVATIONS & EXCAVATION:

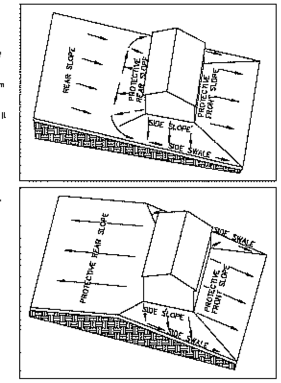
The house elevations shall be set to provide positive drainage away from the building in all directions as shown in the above details per Wisconsin Admin. Code, Chapter SPS 321.12:

(1) Grade. The finished grade of the soil shall slope away from the dwelling at a rate of at least 1/2 inch per foot for at least 10 feet, except as provided in subs. (2) and (3).

(2) Other surfaces. Where the finished surface is impervious, it shall slope away from the dwelling for at least 10 feet at a rate that ensures equivalent drainage.

(3) Obstructions. Where lot lines, walls, slopes, or other barriers prevent having the 10-foot distance in sub. (2), swales or other means shall be provided to ensure equivalent drainage away from the dwelling. House elevations and driveway locations may need to vary depending on size, location, and architecture of the home.

All roof downspout discharges shall be to grass/landscape areas and hydraulically disconnected from ditches, swales, storm sewers, or pavements.



BENCHMARKS (NAVD 88)

BM 0 NGS PID 6093
Brass Disk in Concrete North ROW CTH JJ 300± E of Hwy Road
Elev 893.67'

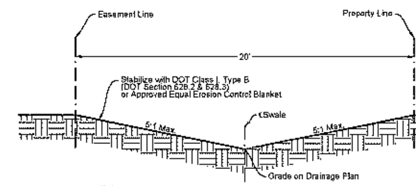
BM 1 Power Pole Nail East
Power Pole along Hillview Rd next to the creek WEST of the subdivision
Elev 868.00'

BM 2 Power Pole Nail North
±231' E of BM 1, Hillview Rd
Elev 870.51'

BM 3 Power Pole Nail West
±790' E of BM 2, Hillview Rd
Elev 870.61'

BM 4 Fire Hydrant, Tag Bolt
NE Corner of Property, at the end of Holy Hill Dr.
Elev 885.83'

BM 5 Fire Hydrant, Tag Bolt
SE Corner of Glen Valley Dr and Glen Rose Ln
Elev 893.28'



Note:
Mat Should Extend to Top of Bank or 18" Vertically, Whichever is Less.

TYPICAL DRAINAGE SWALE SECTION
Lots 23-30

NOTES:

1. Existing utilities shown are indicated in accordance with available records and field measurements. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer and water from the owners of the respective utilities. All utility owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
2. The Contractor shall verify all staking and field layout against the plan and field conditions prior to constructing the work and immediately notify the Engineer of any discrepancies.
3. The contractor shall minimize the area disturbed by construction as the project is constructed. Disturbed areas shall be seeded as soon as final grade is established. Contractor shall replace topsoil and then seed, fertilize and mulch all lawn areas within 1 week of topsoil placement.
4. Contractor shall remove all excess materials from the site. Earthwork contractors shall verify topsoil depth.
5. All Drainage easements shall be graded to within 4-inches of final grade during construction of the subdivision.

LEGEND

Underground Cable TV
Underground Fiber Optic
Overhead Electric Lines
Utility Guy Wire
Sanitary Sewer
Storm Sewer
Underground Electric
Underground Gas Line
Underground Telephone
Water Main
Fence - Steel
Fence - Wood
Fence - Barbed Wire
Treeline
Railroad Tracks
Culvert
800 Index Contour
799 Intermediate Contour
Delineated Wetlands
Sanitary MH / Tank / Base
Clean Out / Curb Stop / Pull Box
Storm Manhole
Inlet
Catch Basin / Yard Drain
Water MH / Well
Hydrant
Utility Valve
Utility Meter
Utility Pole
Light Pole / Signal
Guy Wire
Electric Pedestal
Electric Transformer
Air Conditioner
Telephone Pedestal
Telephone Manhole
+799.9 Ex Spot Elevation
CATV Pedestal
Gas Regulator
Railroad Signal
Sign
Tower / Silo
Post / Guard Post
Satellite Dish
Large Rock
Flag Pole
Deciduous Tree
Coniferous Tree
Bush / Hedge
Stump
Soil Boring
Benchmark
Asphalt Pavement
Concrete Pavement
Gravel
Proposed Storm Sewer
608 Proposed Contour
Proposed Swale
Proposed Culvert
[607.86] Adjacent Plat Grade
608.73 Prop. Lot Corner Elevation
608.73 Proposed Spot Elevation
x (608.7) Existing Grade
Proposed Storm Manhole
Proposed Curb Inlet
Prop. Catch Basin / Yard Drain
Proposed Endwall
Proposed Rip Rap
Prop. Drainage Direction
000.0 Prop. Grade at Foundation
Estimated 100-Year Flood Elev.

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
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DRAINAGE & GRADING PLAN

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

Date: 12/1/2022
Filename: 7344Engr.dwg
Author: TNW
Last Saved by: jennifer
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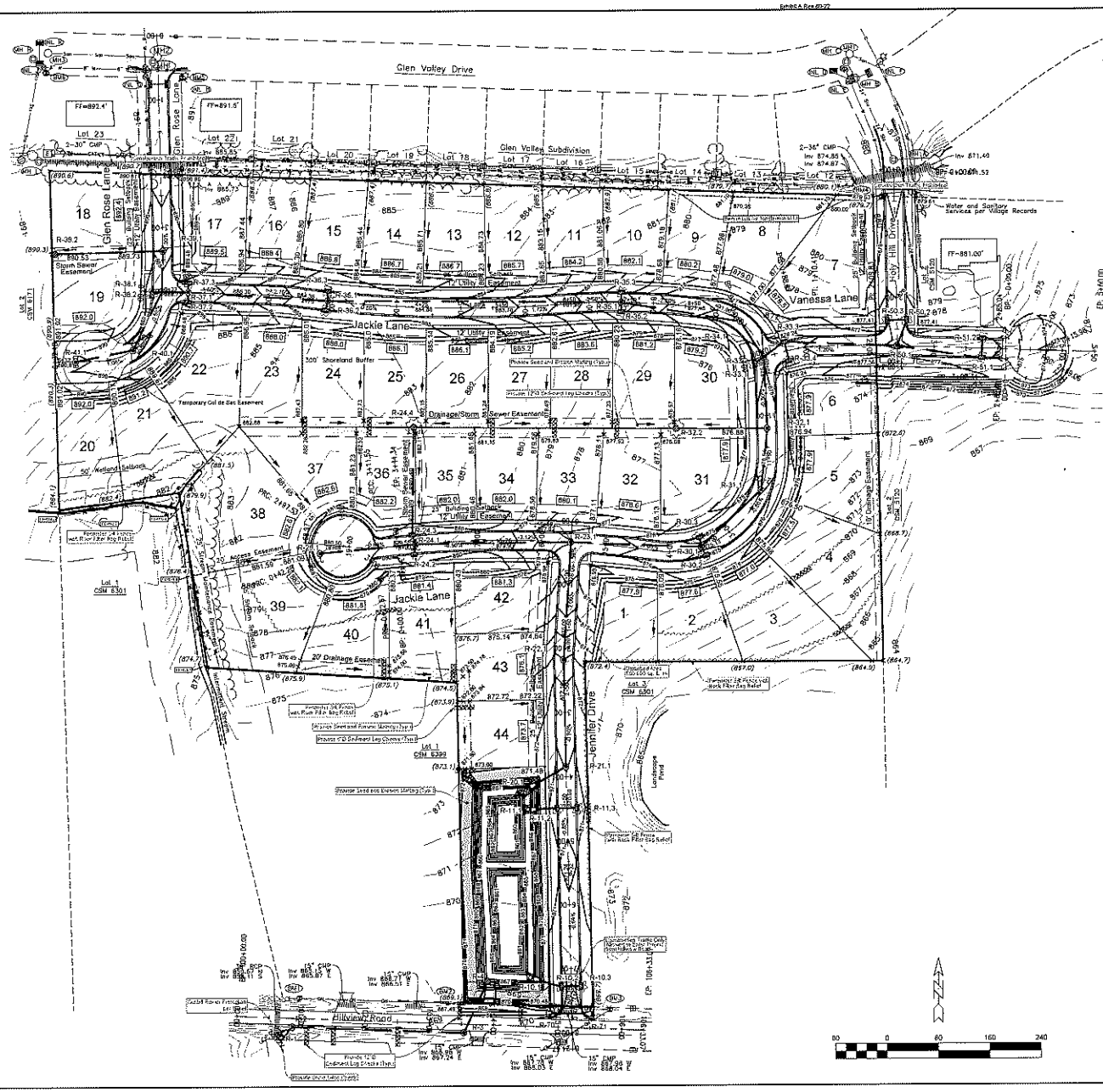

Soils

Hennonville silt loam mapping units (2 to 6-percent slopes) are generally situated on convex backslopes or summits of ground moraines. The soil parent material is loess over loamy till and/or calcareous, dense clayey till. The soils are well drained, with a water table of more than 60 inches.

Planned Sediment and Erosion Control Practices

All erosion control practices shall be in place prior to disturbing the site. All sediment and erosion control devices and methods shall be in accordance with DNR Technical Standards and the WisDOT Erosion Control product acceptability lists (PAL). It is the responsibility of the Contractor to minimize the area disturbed and the duration of this disturbance. Erosion & sediment control measures shall be maintained on a continuing basis until the site is permanently stabilized. All applicable controls must be in place at the end of each work day with all off-site sediments being cleaned daily or as necessary as no sediment flushing is allowed.

1) Diverting Flow
   a) Permanent Diversion - Intended to divert runoff around disturbed areas to a location where the water can be discharged without adversely impacting the receiving area or channel. Permanent diversions or drainage swales will be used to route runoff to the storm sewer inlets and storm water pond.
2) Overland Flow
   a) Silt Fence - Intended to provide a temporary barrier to the transportation of sediment offsite. Silt fence also reduces the velocity of sheet flow, thereby reducing the erosion potential of flowing water. Silt fencing is not to be used in areas of channelled flow and sediment deposits shall be removed when a 6 inch depth is reached. The silt fence shall be repaired or replaced as necessary to maintain a barrier.
      i) Silt Fence shall be installed and maintained in accordance with DNR Technical Standard 1056. It will be placed at the following locations:
      i) along the site perimeter where runoff will leave the site, per plan.
      ii) and at the toe of soil piles if the pile will remain in place for more than seven (7) days.
      iii) as slope interruption within the development or to delineate areas not to be disturbed.
   b) Mulching and Erosion Mat - Intended to reduce the amount of erosion caused by raindrop impact, high overland and concentrated flow velocities and assist the establishment of both temporary and permanent vegetation. All Erosion Mat shall be installed and maintained in accordance with DNR Technical Standards 1052 and 1053 and all Mulching with DNR Technical Standard 1058. In addition to mulching, Erosion Mat is required per plan and if field conditions warrant.
   c) Seeding - Intended to provide a reduction of overland flow velocities and stabilize disturbed areas. Seeding will be used on all disturbed areas within seven days of the completion of the activity that will disturb the area. All seeding and fertilization shall be in accordance with Village of Greenville Standard Specification. If required, temporary seeding shall consist of Oats, Rye, Winter Wheat, and/or Annual Ryegrass applied at rates and during the season specified by the Technical Standard but no later than November 1st. Sod placement may occur at any time sod is available and the sod and soil are not frozen. Permanent seeding shall be in accordance with Village specification.
3) Channelized Flow
   a) Ditch Checks – Intended to settle suspended sediment in channelized flow by reducing the flow velocity. All Ditch Checks shall be installed and maintained in accordance with DNR Technical Standard 1062 and all manufacturer specifications. Ditch Checks will be used where indicated on the plan. Additional ditch checks may be installed in areas where erosion is occurring.
4) Permanent Channel Stabilization
   a) Vegetated Waterway - Intended to establish permanent vegetation to reduce the velocity of concentrated runoff thereby protecting the waterway from erosion. The type of erosion mat used will depend upon the velocity of the runoff in the channel and are specified in accordance with DOT Erosion Control Product Acceptability Lists (PAL). Vegetated waterways will be used in the following areas:
   i) drainage swales as indicated on the plans.
5) Track out Control – Intended to reduce the amount of sediment transported onto public roads or offsite access points. The Tracking Pad shall be installed and maintained in accordance with DNR Technical Standard 1057. Trackout controls will be constructed at the site entrances as indicated on the plan.
6) Dust Control - Intended to reduce surface to air transport of dust during construction. Dust control shall be implemented with use of methods provided in DNR Technical Standard 1068. These methods include the use of polymers, seeding, and mulch.
7) Dewatering Basin – Intended to reduce the amount of sediment conveyed due to dewatering practices. Dewatering practices require compliance with DNR Technical Standard 1061. The use of geotextile bags is required to prevent sedimentation with a stable discharge to adjacent storm sewer inlet. The bags shall meet the requirements of DNR Technical Standard 1061. Upon completion of the dewatering operation, all materials must be disposed of properly in accordance with all state and local requirements. Dewatering is not anticipated for this project.
8) Waste Material - All onsite waste and construction materials shall be handled and disposed of properly. No waste material is allowed to enter the storm sewer system or receiving waters.
9) Sediment Basin - The proposed pond will serve as a sediment basin during construction. Any sediment accumulation during construction activities above approved plan grades must be removed and disposed of properly in accordance with the Operation and Maintenance Plan at developer's expense.

Sequence of Construction

Definition of Phases of Construction

- Sewer and Water Construction - Construction of underground utilities including water mains, sanitary sewers and storm sewers. Stabilize segregated stockpiled topsoil excess trench excavations in accordance with WDNR Technical Standards.
- Site Work Construction - Construction of lot line swales as required for site drainage. Establish swale vegetation no later than 7 days after swale construction is complete.
- Grade and Gravel Construction- Construction of road beds and gravel base course. Stabilize stockpiled topsoil in accordance with WDNR Technical Standards.
- Electric Distribution - Construction of underground utilities including gas mains, electric service, telephone, cable TV and street lights.
- Paving - Installation of concrete curb, asphalt pavement, and concrete sidewalk.

Construction Sequence

1) Obtain plan approval and other applicable permits. Construction is contingent on the Village extension of sanitary sewer and water main along Hillview Road.
2) Install & maintain sediment control measures. Constructed stormwater pond.
3) Sewer and Water Construction: February - March 2023
4) Site Work Construction: May - July 2023
5) Grade and Gravel Construction, July 2023.
6) Electric Distribution: July 2023, Restore damaged or unvegetated areas.
7) Curb & Gutter, Sidewalk, and Asphalt Pavement (Base Only). August 2023.
8) Stabilize lawn and ditch areas no later than one week after final grade is established.
9) Remove all temporary sediment control measures after 70-percent vegetative cover is established. Water if necessary to establish healthy and well rooted vegetation.

Maintenance Plan

The contractor is responsible for inspection and maintenance of sediment and erosion control measures until the project is completed. The inspections shall be made every seven days or within 24-hours of a rainfall event of 0.50-inch or greater. Any practices that are damaged or not working properly shall be repaired by the end of the day. Accumulated sediment shall be removed when it has reached a height of one-half the height of the structure. In addition, the following measures shall be taken.

1) All seeded areas will be re-seeded and mulched as necessary according to the specifications in the planned practices to maintain a vigorous, dense vegetated cover.
2) Remove silt fence and temporary structures only after final stabilization and vegetative cover is established.
3) Avoid the use of fertilizers and pesticides in or adjacent to channels or ditches.
4) Construction and waste materials shall be properly disposed.

Weekly inspection reports shall be maintained by the contractor. These reports shall document inspections and maintenance performed. The date and time of the inspections, the inspector's name, and the status of construction and any maintenance performed. Refer to Appendix C of the DNR website for a template. https://dnr.wi.gov/files/PDF/forms/3400/3400-187.pdf. Upon request, the inspection reports shall be made available to the owner, the engineer, the Wisconsin Department of Natural Resources, or the Village of Greenville.

LEGEND

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1184 Fremont Terrace, Menasha, WI 54952
Ph: 920-991-1868 Fax: 920-841-0004
www.davel.com

EROSION & SEDIMENT CONTROL PLAN

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

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Author	TNW
Last Saved by	jennifer
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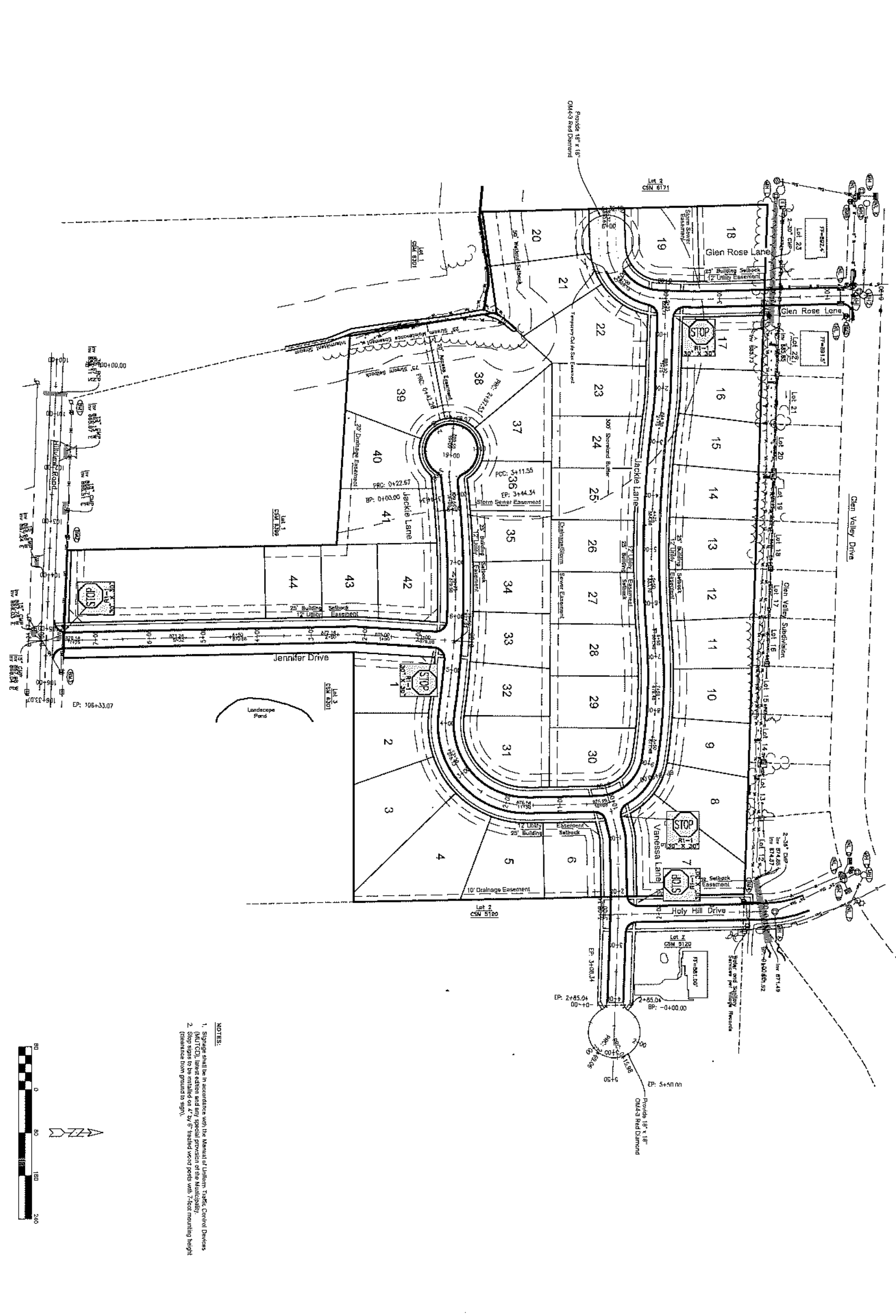

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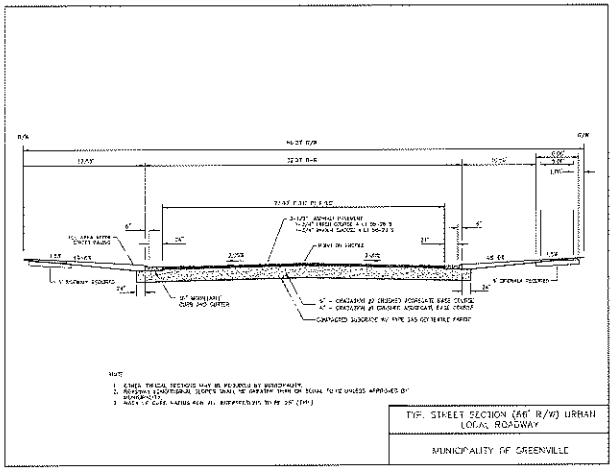
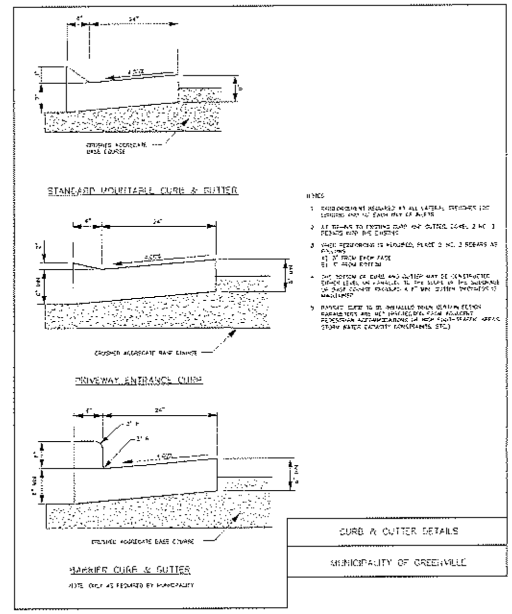
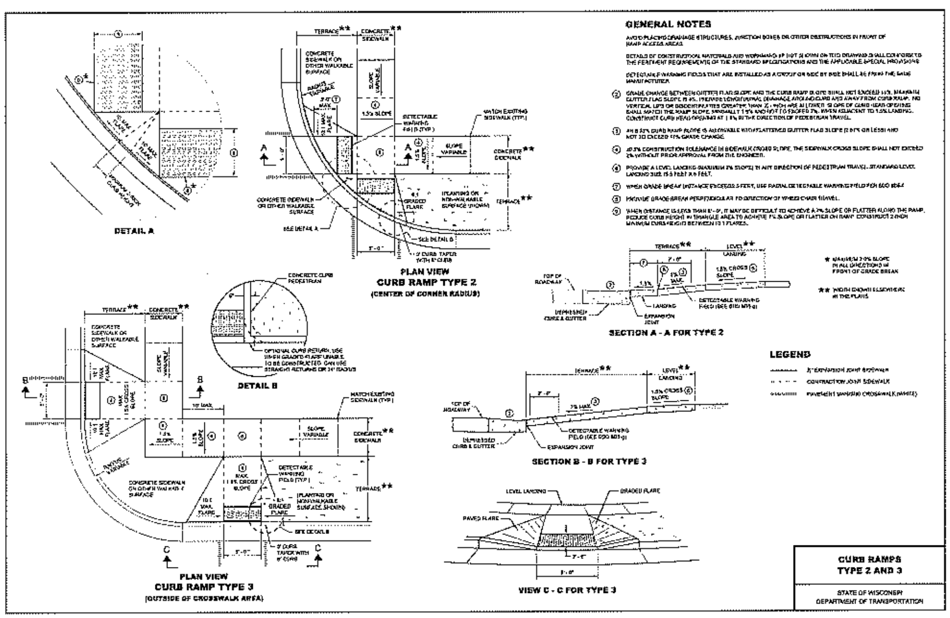
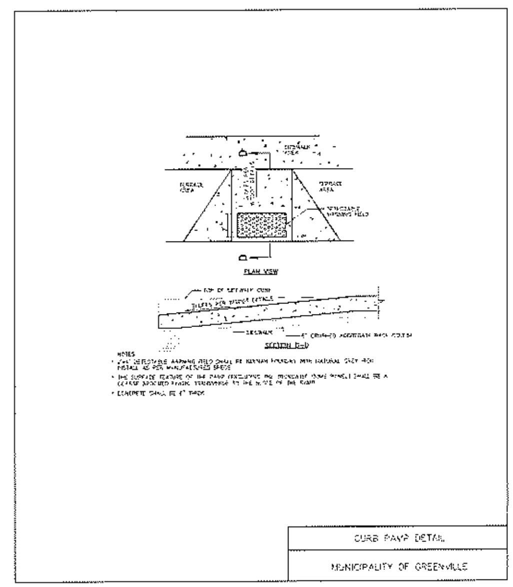
Date: 12/1/2022 Filename: 7344Engr.dwg Author: TNW Land Surveyor: Jennifer Page: 1.4	Hillview Estates Village of Greenville, Outagamie County, WI For: DJW Investments, LLC	STREET SIGN PLAN	DAVEL ENGINEERING & ENVIRONMENTAL, INC. Civil Engineers and Land Surveyors 1164 Province Terrace, Menasha, WI 54952 Ph: 920-991-1866 Fax: 920-441-0804 www.davel.pro









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CONSTRUCTION DETAILS

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

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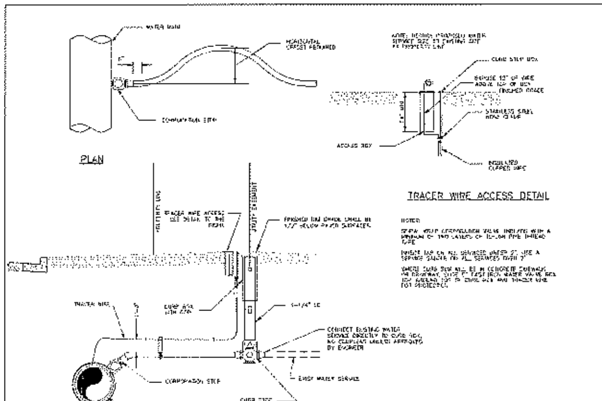
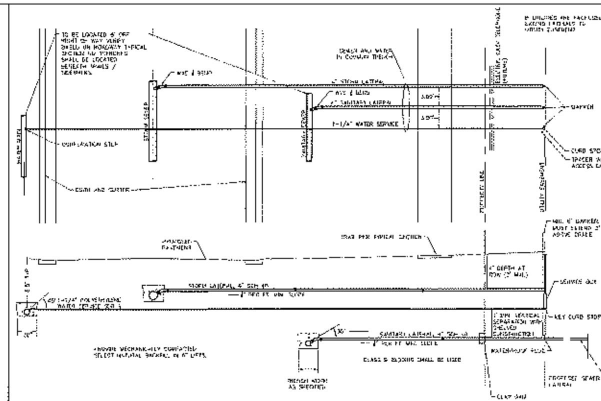


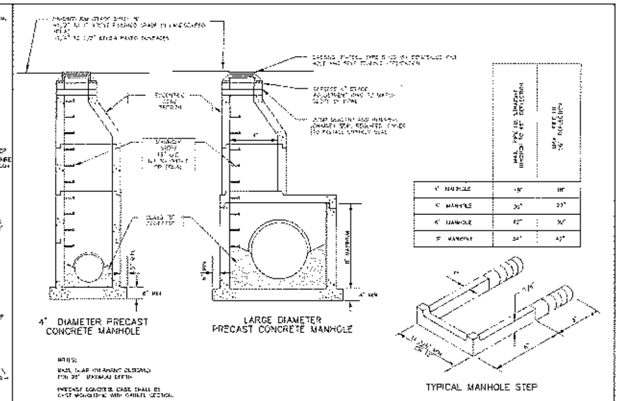
TYPICAL WATER SERVICE CONNECTION

MUNICIPALITY OF GREENVILLE



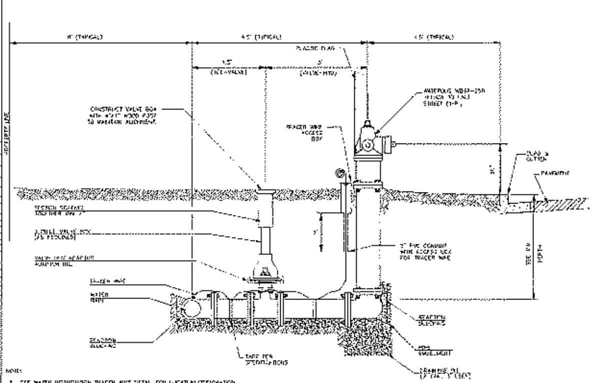
TYPICAL CONNECTION SEWER AND WATER

MUNICIPALITY OF GREENVILLE



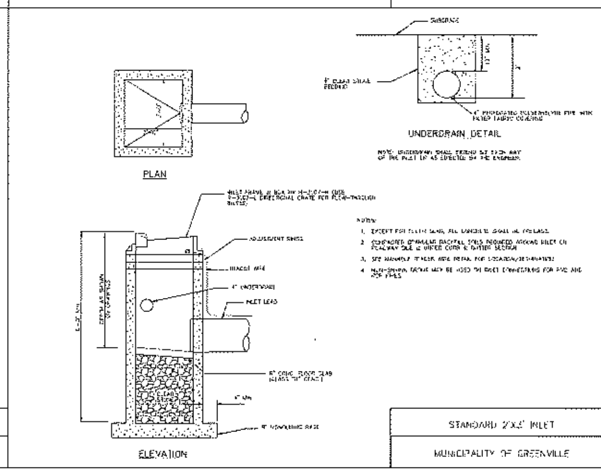
STANDARD PRECAST MANHOLE

MUNICIPALITY OF GREENVILLE



STANDARD HYDRANT WITH TRACER WIRE

MUNICIPALITY OF GREENVILLE



STANDARD 2'X3' INLET

MUNICIPALITY OF GREENVILLE

Sewer & Water Service Table

LOT INFORMATION				WATER	STORM	SANITARY						
PHASE	LOT #	STREET	FINISHED GARAGE FLOOR	WATER LATERAL LENGTH	4" STORM LATERAL LENGTH	DISTANCE TO D.S. MH	WYE INVERT	4" SAN LATERAL LENGTH	4" SAN RISER HEIGHT	SAN LAT INV @ PL*	SAN LAT INV @ UE*	SAN LAT INV @ SB*
1	1	Jackie Lane	877.9	72	50	61	863.15	25	3	868.95	867.07	867.33
1	2	Jackie Lane	877.1	74	52	151	863.51	30		864.53	864.77	865.03
1	3	Jackie Lane	877.0	78	56	32	863.80	32		864.86	865.10	865.36
1	4	Jackie Lane	877.5	72	54	114	864.13	32		865.20	865.44	865.70
1	5	Jackie Lane	877.9	71	50	48	864.45	29		865.44	865.68	865.94
1	6	Jackie Lane	877.9	73	45	137	864.81	24		865.72	865.96	866.22
1	7	Jackie Lane	878.5	74	49	69	865.72	28		866.69	866.93	867.19
1	8	Jackie Lane	879.0	70	53	25	866.15	28		867.14	867.38	867.64
1	9	Jackie Lane	880.2	74	55	104	867.08	26		868.02	868.26	868.52
1	10	Jackie Lane	882.1	76	47	46	868.27	23		869.15	869.39	869.65
1	11	Jackie Lane	884.2	71	42	139	869.77	22	2	872.64	872.88	873.14
1	12	Jackie Lane	885.7	69	36	228	871.21	18	2	874.00	874.24	874.50
1	13	Jackie Lane	888.7	86	35	320	872.70	18	2	875.49	875.73	875.99
1	14	Jackie Lane	886.7	67	38	54	873.98	18		874.79	875.03	875.29
1	15	Jackie Lane	886.6	72	30	142	874.67	21		875.51	875.75	876.01
1	16	Jackie Lane	888.4	70	49	239	875.43	25		876.35	876.59	876.85
1	17	Jackie Lane	890.7	70	46	324	876.10	22	2	878.96	879.20	879.46
1	18	Glen Rose Lane	892.4	20	25	69	878.95	69		880.77	881.01	881.27
1	19	Glen Rose Lane	892.0	20	45	16	877.60	65		879.33	879.57	879.83
1	20	Glen Rose Lane	892.6	71	48	68	876.01	27		878.97	879.21	879.47
1	21	Glen Rose Lane	891.2	71	50	21	877.63	28		878.61	878.85	879.11
1	22	Glen Rose Lane	890.7	20	43	314	878.58	68		880.37	880.61	880.87
1	23	Jackie Lane	888.0	20	41	219	875.26	65		877.01	877.25	877.51
1	24	Jackie Lane	886.0	18	47	126	874.54	70		876.36	876.60	876.86
1	25	Jackie Lane	886.1	24	93	32	873.80	71		875.64	875.88	876.14
1	26	Jackie Lane	886.1	24	55	310	872.54	72		874.41	874.65	874.91
1	27	Jackie Lane	885.2	20	53	219	871.08	72		872.92	873.16	873.42
1	28	Jackie Lane	883.6	18	46	119	869.45	67		871.21	871.45	871.71
1	29	Jackie Lane	881.2	14	41	33	868.05	68		869.84	870.08	870.34
1	30	Jackie Lane	879.2	18	44	159	864.90	66		866.68	866.92	867.18
1	31	Jackie Lane	877.9	18	40	59	864.50	61		866.15	866.39	866.65
1	32	Jackie Lane	878.6	18	41	70	863.19	65	2	866.91	867.15	867.41
1	33	Jackie Lane	880.4	20	46	34	865.53	72		867.40	867.64	867.90
1	34	Jackie Lane	882.0	18	49	124	867.22	73		869.11	869.35	869.61
1	35	Jackie Lane	882.0	18	48	217	869.60	70		871.42	871.66	871.92
1	36	Jackie Lane	882.2	22	45	293	869.91	65		871.63	871.87	872.13
1	37	Jackie Lane	882.6	39	79	185	869.47	91		871.73	871.97	872.23
1	38	Jackie Lane	882.6	65	55	107	869.52	70		871.36	871.60	871.86
1	39	Jackie Lane	882.1	100	84	181	869.50	49		870.91	871.15	871.41
1	40	Jackie Lane	881.8	84	56	342	870.10	41		871.36	871.60	871.86
1	41	Jackie Lane	881.4	69	44	254	869.75	22		870.63	870.87	871.13
1	42	Jackie Lane	881.3	75	41	151	867.71	17		868.49	868.73	868.99
1	43	Jennifer Drive	876.1	20	45	262	862.14	70		863.97	864.21	864.47
1	44	Jennifer Drive	873.7	20	45	184	861.43	70		863.26	863.50	863.76
		New Sewers, Total =		2,161	2,077			2,067	13			

Sanitary lateral grades are based on 1/8"/ft. slopes from the sewer main. The depth at the footing is from the bottom of the footing to the top of the 4" lateral. *PL is property line or right of way. *UE is at the back of 12' wide utility easement. *SB is at the building setback being 25' from right of way

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SEWER & WATER DETAILS

Hillview Estates

Village of Greenville, Outagamie County, WI

For: DJW Investments, LLC

Date: 12/1/2022
Filename: 7344Engr.dwg
Author: TNW
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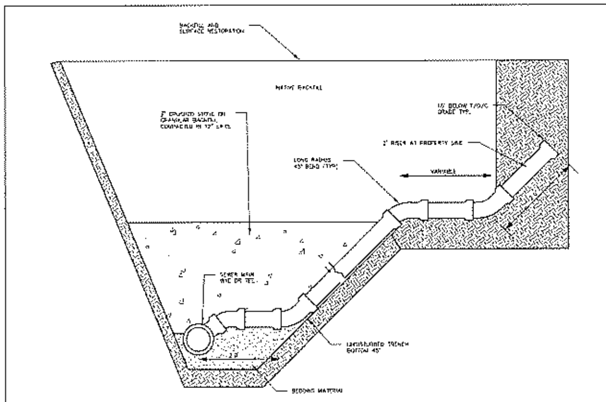
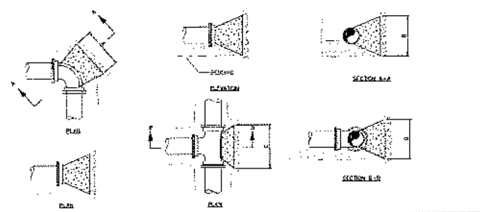


STANDARD RISER FOR SEWER SERVICE CONNECTION

MUNICIPALITY OF GREENVILLE



NOTES:

REACTION BLOCKING WILL CONTACT FITTING FROM BELL TO BELL AND THE FULL DIAMETER OF FITTING AS SHOWN.

CAST BLOCKING AGAINST UNDISTURBED EARTH.

USE CLASS "B" CONCRETE BLOCKING.

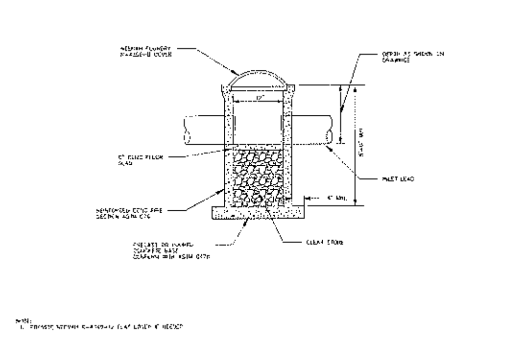
DIMENSIONS IN TABLES ARE BASED ON WATER PRESSURE OF 150 psi AND EARTH RESISTANCE OF 4000 POUNDS.

BENDS						
DIA	22-1/2		45		90	
	A	B	A	B	A	B
6" & 8"	1'-0"	1'-0"	1'-3"	1'-2"	1'-10"	1'-6"
10" & 12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-9"	2'-3"
14" & 16"	1'-10"	1'-8"	2'-8"	2'-4"	3'-10"	2'-10"
18" & 20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-6"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-5"	5'-4"	3'-10"
30"	3'-6"	3'-0"	5'-5"	3'-10"	8'-0"	4'-4"

TEES		
DIA	C	D
6" & 8"	1'-6"	1'-4"
10" & 12"	2'-3"	2'-0"
14" & 16"	3'-2"	2'-8"
18" & 20"	4'-0"	3'-0"
24"	5'-3"	3'-4"
30"	6'-3"	4'-3"

STANDARD BLOCKING

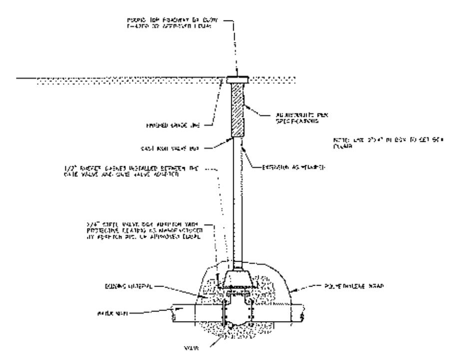
MUNICIPALITY OF GREENVILLE



NOTE:

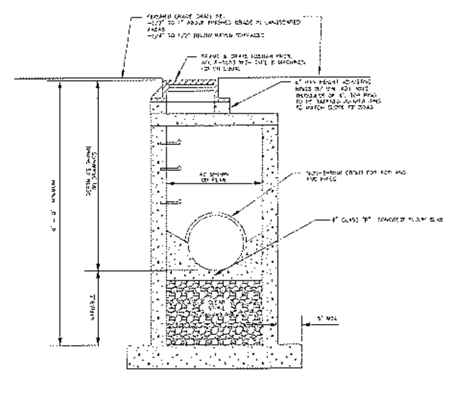
RCP YARD DRAIN DETAIL

MUNICIPALITY OF GREENVILLE



STANDARD VALVE BOX

MUNICIPALITY OF GREENVILLE



NOTES:

STANDARD STORM SEWER MANHOLE

MUNICIPALITY OF GREENVILLE

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SEWER & WATER DETAILS

Hillview Estates

Village of Greenville, Outagamie County, WI

For: DJW Investments, LLC

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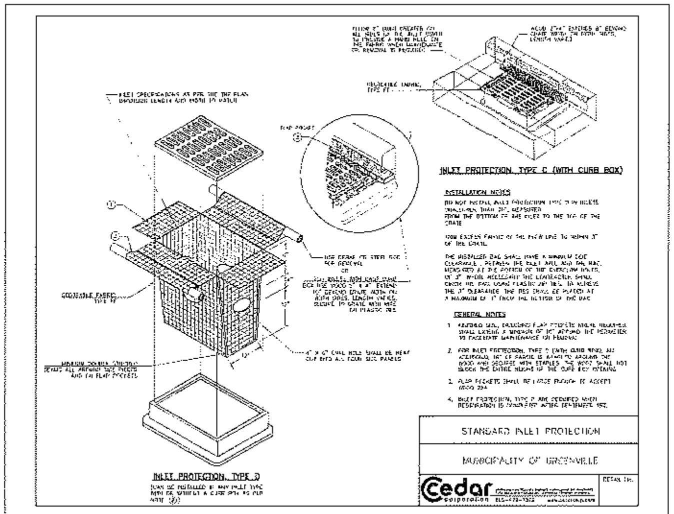

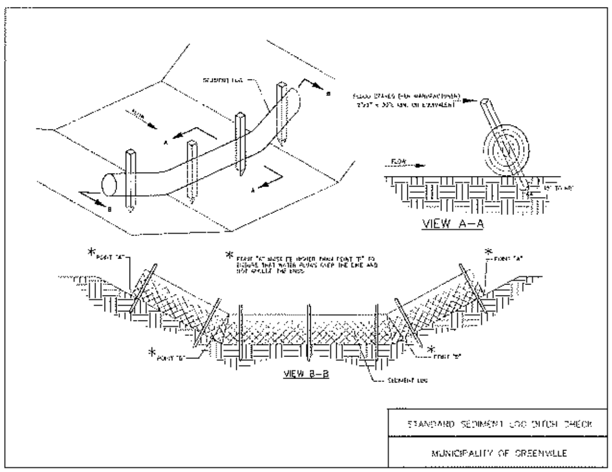

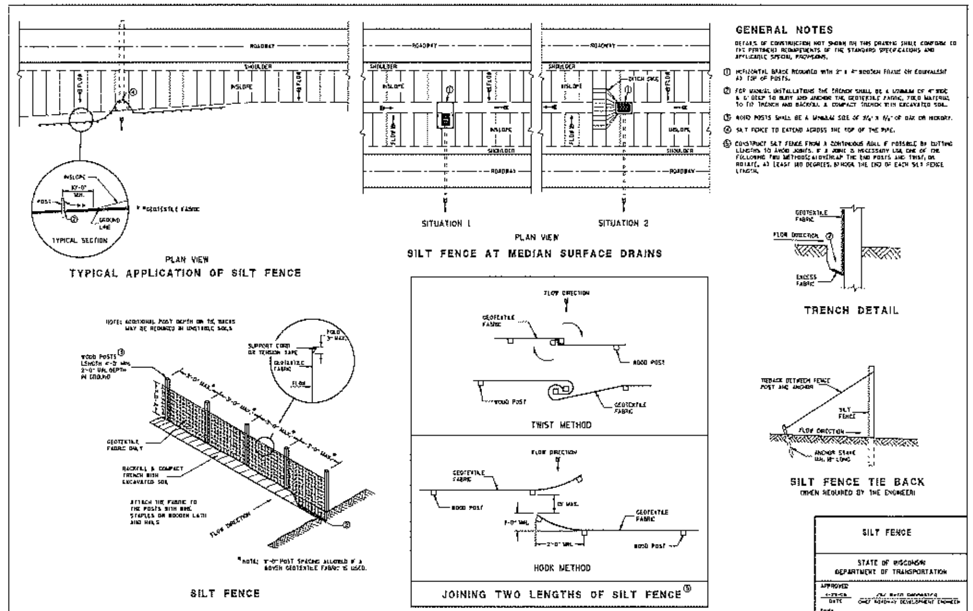

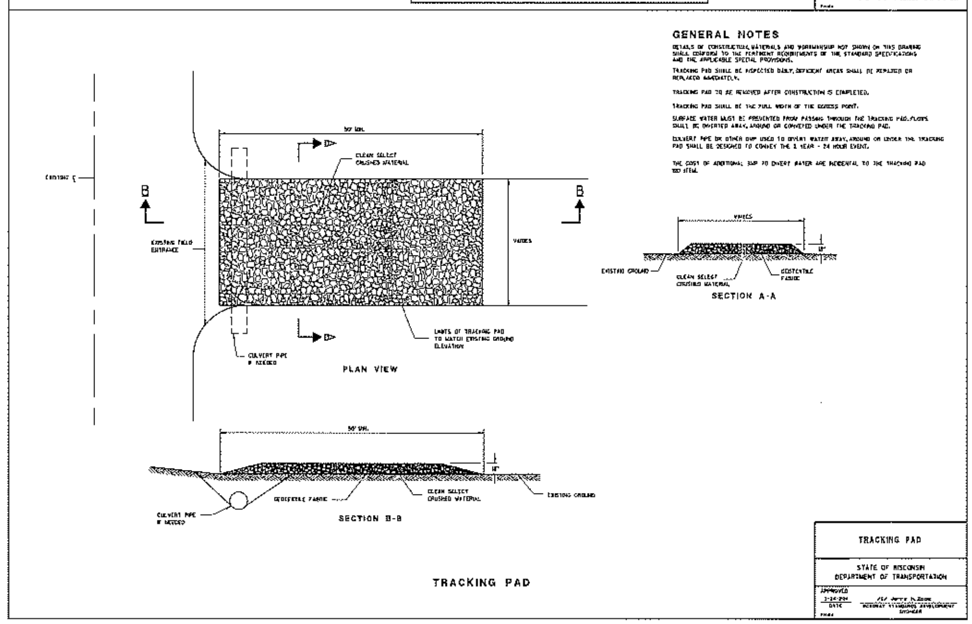

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EROSION & SEDIMENT CONTROL DETAILS

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

Date: 12/1/2022
Filename: 7344Engr.dwg
Author: TNW
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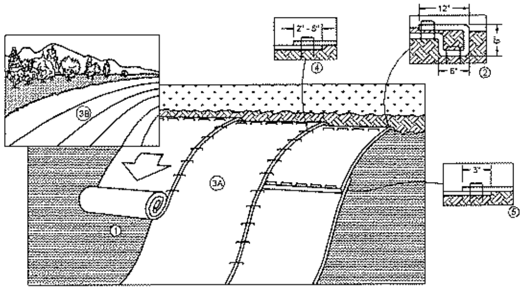
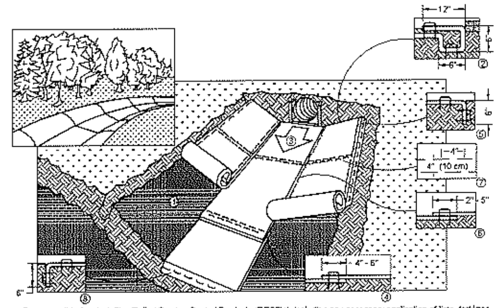


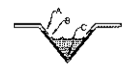
1. Prepare soil before installing Rolled Erosion Control Products (RECP's), including any necessary application of lime, fertilizer, and seed.
Note: When using cell-o-seed do not seed prepared area. Cell-o-seed must be installed with paper side down.
2. Begin at the top of the slope by anchoring the RECP's in a 6" (15 cm) deep x 6" (15 cm) wide trench with approximately 12" (30 cm) of RECP's extended beyond the up-slope portion of the trench. Anchor the RECP's with a row of staples/stakes approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" (30 cm) portion of RECP's back over seed and compacted soil. Secure RECP's over compacted soil with a row of staples/stakes spaced approximately 12" (30 cm) apart across the width of the RECP's.
3. Roll the RECP's (A.) down or (B.) horizontally across the slope. RECP's will unroll with appropriate side against the soil surface. All RECP's must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide. When using the Dot system, staples/stakes should be placed through each of the colored Dots corresponding to the appropriate staple pattern.
4. The edges of parallel RECP's must be stapled with approximately 2" - 5" (5 cm - 12.5 cm) overlap depending on RECP's type.
5. Consecutive RECP's spliced down the slope must be placed end over end (shingle style) with an approximate 3" (7.5 cm) overlap. Staple through overlapped area, approximately 12" (30 cm) apart across entire RECP's width.
Note: * In loose soil conditions, the use of staple or stake lengths greater than 6" (30 cm) may be necessary to properly secure the RECP's.
6. Detail provided by North American Green (www.nagreen.com)
7. Turf Reinforcement Mats (TRM's) shall be installed in accordance with the above specifications for all RECP's. Anchoring size and pattern is to be installed per manufacturer specifications for clay soils having 4:1 slope. All TRM's shall be topsoil filled, seeded, and covered with a Class 2, Type B erosion mat in accordance with all manufacturer specifications.

EROSION/TURF REINFORCEMENT MAT SLOPE INSTALLATION

DNR TECHNICAL STANDARD 1052



1. Prepare soil before installing Rolled Erosion Control Products (RECP's), including any necessary application of lime, fertilizer, and seed.
Note: When using cell-o-seed do not seed prepared area. Cell-o-seed must be installed with paper side down.
2. Begin at the top of the channel by anchoring the RECP's in a 6" (15 cm) deep x 6" (15 cm) wide trench with approximately 12" (30 cm) of RECP's extended beyond the up-slope portion of the trench. Anchor the RECP's with a row of staples/stakes approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" (30 cm) portion of RECP's back over seed and compacted soil. Secure RECP's over compacted soil with a row of staples/stakes spaced approximately 12" (30 cm) across the width of the RECP's.
3. Roll center RECP's in direction of water flow in bottom of channel. RECP's will unroll with appropriate side against the soil surface. All RECP's must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide. When using the DOT system, staples/stakes should be placed through each of the colored dots corresponding to the appropriate staple pattern.
4. Place consecutive RECP's end over end (shingle style) with a 4" - 6" (10 cm - 15 cm) overlap. Use a double row of staples staggered 4" (10 cm) apart and 4" (10 cm) on center to secure RECP's.
5. Full length edge of RECP's at top of side slopes must be anchored with a row of staples/stakes approximately 12" (30 cm) apart in a 6" (15 cm) deep x 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECP's must be overlapped approximately 2" - 5" (5cm - 12.5 cm) (depending on RECP's type) and stapled.
7. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9 M - 12 M) intervals. Use a double row of staples staggered 4" (10 cm) apart and 4" (10 cm) on center over entire width of the channel.
8. The terminal end of the RECP's must be anchored with a row of staples/stakes approximately 12" (30 cm) apart in a 6" (15 cm) deep x 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
Note:
* In loose soil conditions, the use of staple or stake lengths greater than 6" (15 cm) may be necessary to properly anchor the RECP's.
9. Detail provided by North American Green (www.nagreen.com)



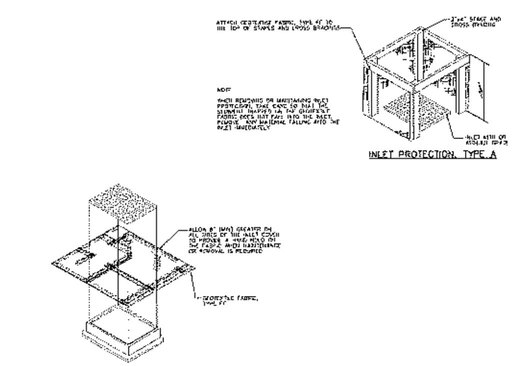
Critical Points
A. Overlaps and seams
B. Projected Water line
C. Channel Bottom/side slope vertices

Note:
* Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.

** In loose soil conditions, the use of staple or stake lengths greater than 6" (15 cm) may be necessary to properly anchor the RECP's.

EROSION MAT CHANNEL INSTALLATION

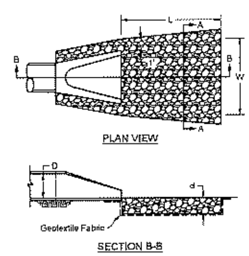
DNR TECHNICAL STANDARD 1053



INLET PROTECTION, TYPE A

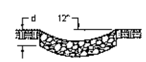
INLET PROTECTION, TYPE B (WITHOUT CURB BOX) (CAN BE INSTALLED ON ANY INLET TYPE)

STANDARD INLET PROTECTION
MUNICIPALITY OF GREENVILLE



PLAN VIEW

SECTION B-B



SECTION A-A

D	12"	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"
L	10'	12'	16'	20'	20'	25'	28'	33'	37'	40'	45'
W	11'	13'	20'	22'	24'	28'	32'	38'	42'	45'	50'
d	12"	12"	12"	18"	18"	18"	24"	24"	24"	24"	24"
Riprap	Light	Light	Light	Med.	Med.	Med.	Heavy	Heavy	Heavy	Heavy	Heavy
cu yds	2.6	3.5	7.8	14.3	15.8	22.6	38.4	53.2	65.8	75.3	85.0

Notes:
1. Excavate below channel outlet and widen channel outlet to the required riprap thickness for each apron. Foundation to be set to zero grade and smoothed.
2. Place geotextile fabric on bottom and sides of prepared foundation. Fabric shall extend under endwall in accordance with DOT specifications. (DOT Section 628.2 & 628.3)
3. Exercise care in placement of riprap to avoid damage to filter fabric.
4. Use riprap conforming to Wisconsin DOT specifications. (DOT Section 606.2 & 606.3)
5. Use DOT Type R geotextile fabric for light riprap. Use Type HR for medium and heavy riprap. (DOT Section 606.2, 606.3, 628.2 & 628.3)
6. Use 12" dimension for pipes less than 12" in diameter.

OUTLET PROTECTION

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EROSION & SEDIMENT CONTROL DETAILS

Hillview Estates

Village of Greenville, Outagamie County, WI
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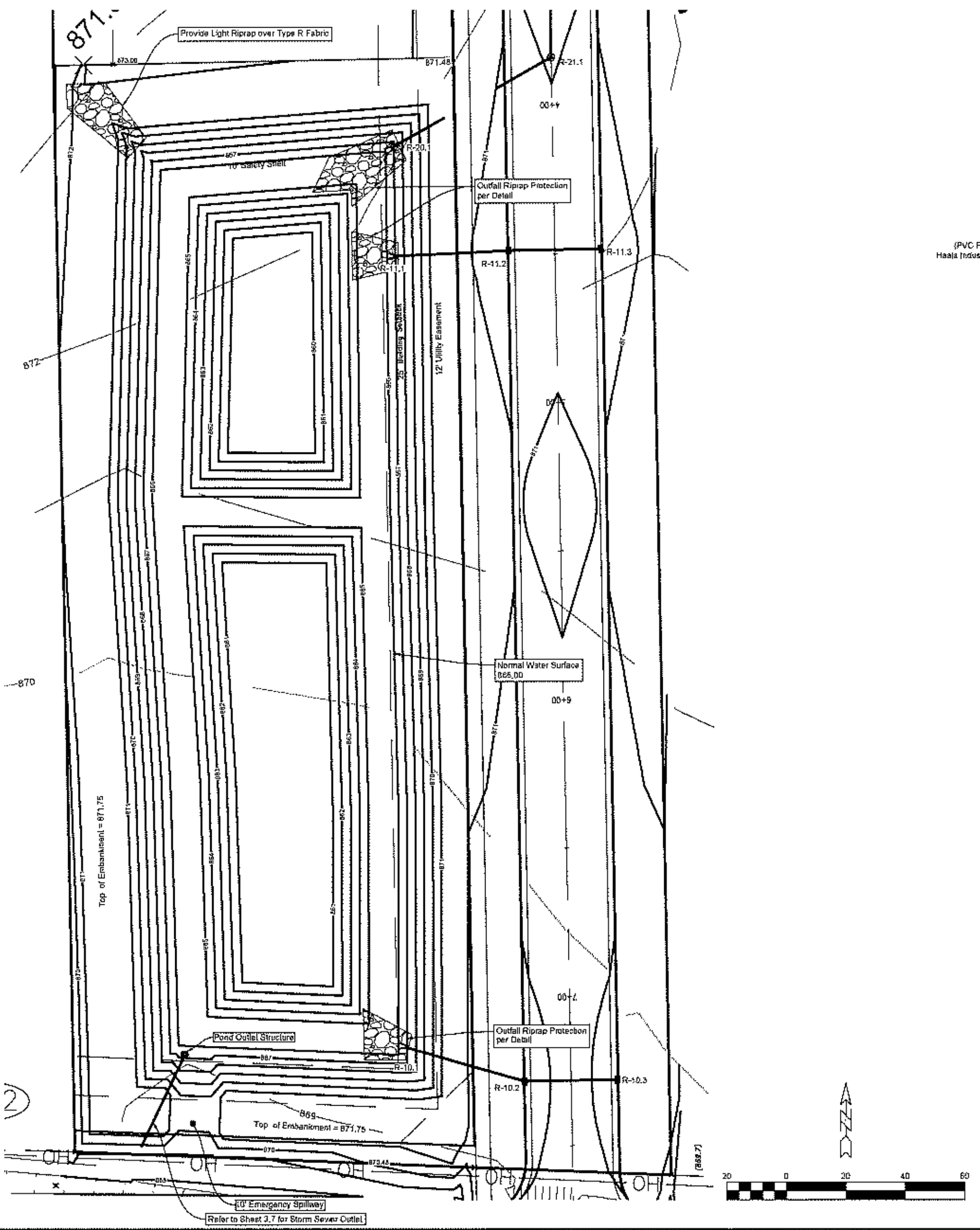
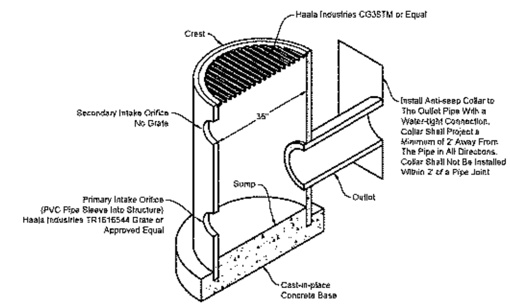
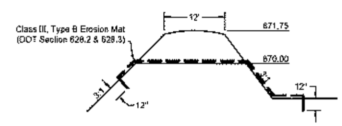


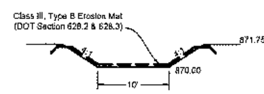


POND OULET DETAIL

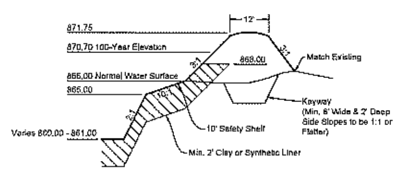
Outlet	
Size, in	18
Invert	865.00
Slope (%)	1.35
Primary Intake orifice	
Size, in	4
Invert	866.00
Secondary Intake orifice	
Size, in	6
Invert	867.50
Crest	
Elevation	866.25
Sump	
Elevation	864.00
Base	
Elevation	863.00



EMERGENCY SPILLWAY SECTION



EMERGENCY SPILLWAY DETAIL



TYPICAL EMBANKMENT SECTION

Pond Notes:

1. The base of the embankment shall be stripped of all vegetation, stumps, topsoil and other matter. Stripping shall be to a minimum of 6 inches.
2. Embankments shall be constructed with non-organic soils and compacted to 90% standard proctor according to the procedures outlined in ASTM D-698. No tree stumps, or other organic material shall be buried in the embankment. The constructed embankment height shall be increased a minimum of 5% to account for settling.
3. All pipes extending through the embankment shall be bedded and backfilled with embankment or equivalent soils. The bedding and backfill shall be compacted in lifts and to the same standard as the original embankment. Excavation through a completed embankment shall have a side slope of 1:1 or flatter.
4. Topsoil shall be spread on all disturbed areas, except for elevations below the normal water surface, as work is completed. The minimum depth of topsoil shall be 4 inches.
5. All areas disturbed by pond construction shall be seeded as work is completed. Pond side slopes above permanent pool shall be temporarily seeded with annual rye or oats immediately after pond is "roughed in." This will require topsoil application. Slopes steeper than 10:1 but less than 4:1 will require properly anchored mulch in accordance with Section 627.1 of the DOT Standard Specifications for Highway and Structure Construction. DOT Class I, Type B erosion mat will be required on slopes steeper than 4:1 (Section 628.2 & 628.3).
6. Riprap at all inflow points shall extend a minimum of 18 vertical inches below the permanent pool. (Section 606.2 & 606.3)
7. Any rock encountered shall be excavated to a depth two feet deeper than the proposed pond grade.
8. The pond shall be constructed with a Type B Liner with the following WDNR specifications (Wet Detention Pond Technical Standard 1001).

Clay liners specifications are as follows:

- 50% fines (200 sieve) or more.
- Hydraulic conductivity of 1 x 10-6 cm/sec or less.
- Average liquid limit of 16 or greater, with no value less than 14.
- Average PI of 7 or more, with no values less than 5.
- Clay compaction and documentation as specified in NRCS Wisconsin Construction Specification 204, Earthfill for Waste Storage Facilities.
- Minimum thickness of 2 feet.
- If in-situ soils meet the above requirements of the specification for a Type B Clay Liner, including a minimum saturated hydraulic conductivity of 1 x 10-6 cm/sec to a depth of 4 feet below the pond bottom, the in-situ soils then satisfy the pond liner requirements.
- Contractor to provide clay material testing with results submitted to the Village and Davel.
- Contractor to contact Davel at the time of clay liner installation for thickness field verification.

9. All liners must extend above the permanent pool up to the elevation of the 2-year, 24-hour rainfall event.
10. Any pond fountain or aeration device shall comply with conditions of DNR Technical Standard 1001 Section V.B.2.k.

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Civil Engineers and Land Surveyors
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STORMWATER POND DETAIL

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

Date:	12/1/2022
Filename:	7344Engr.dwg
Author:	TNW
Last Saved by:	jennifer
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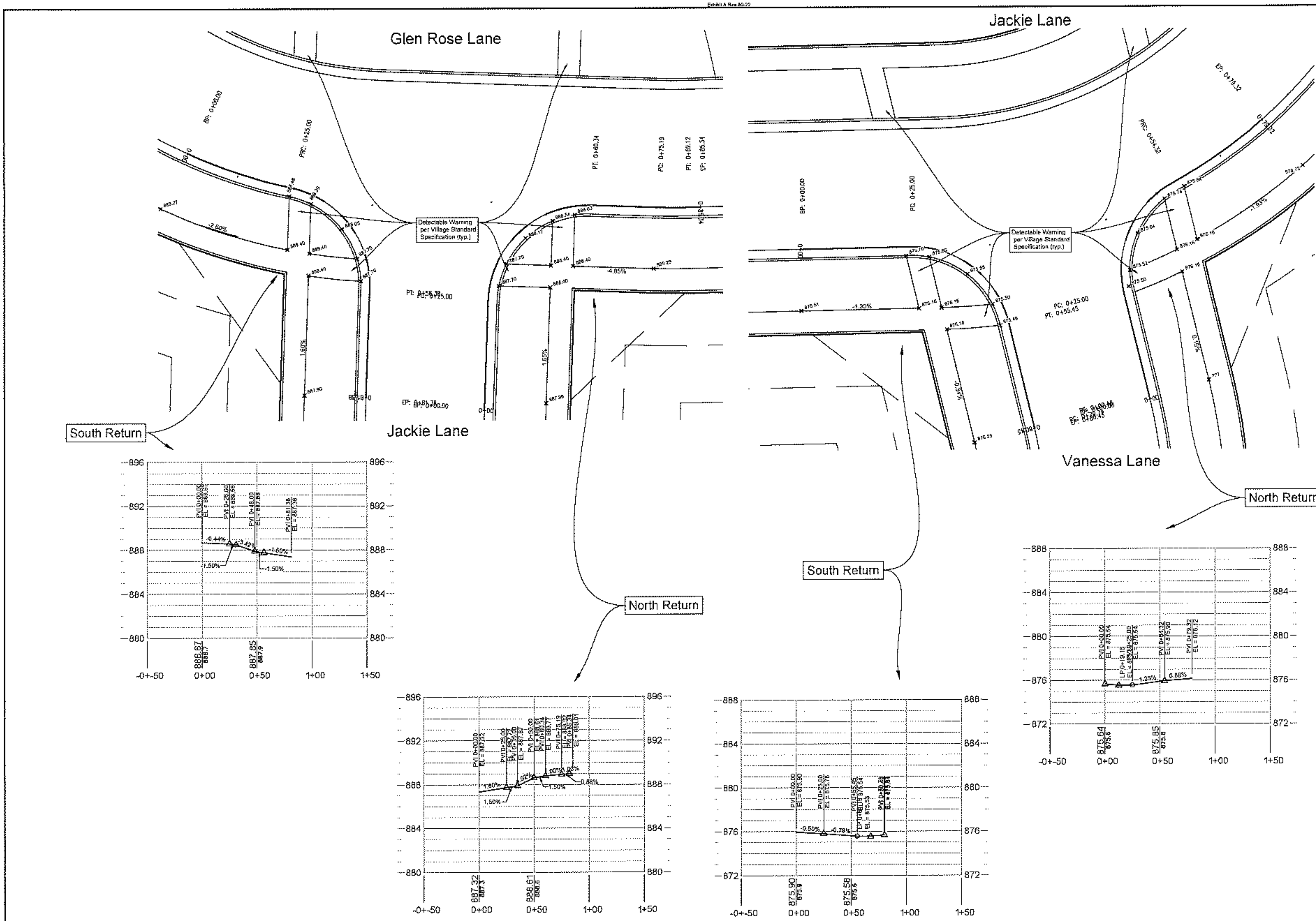


NOTES:
RADIUS STATIONING IS TO BACK OF CURB.
814.15 = PROPOSED GRADE
ENDWALLS ARE INCLUDED IN CULVERT LENGTH

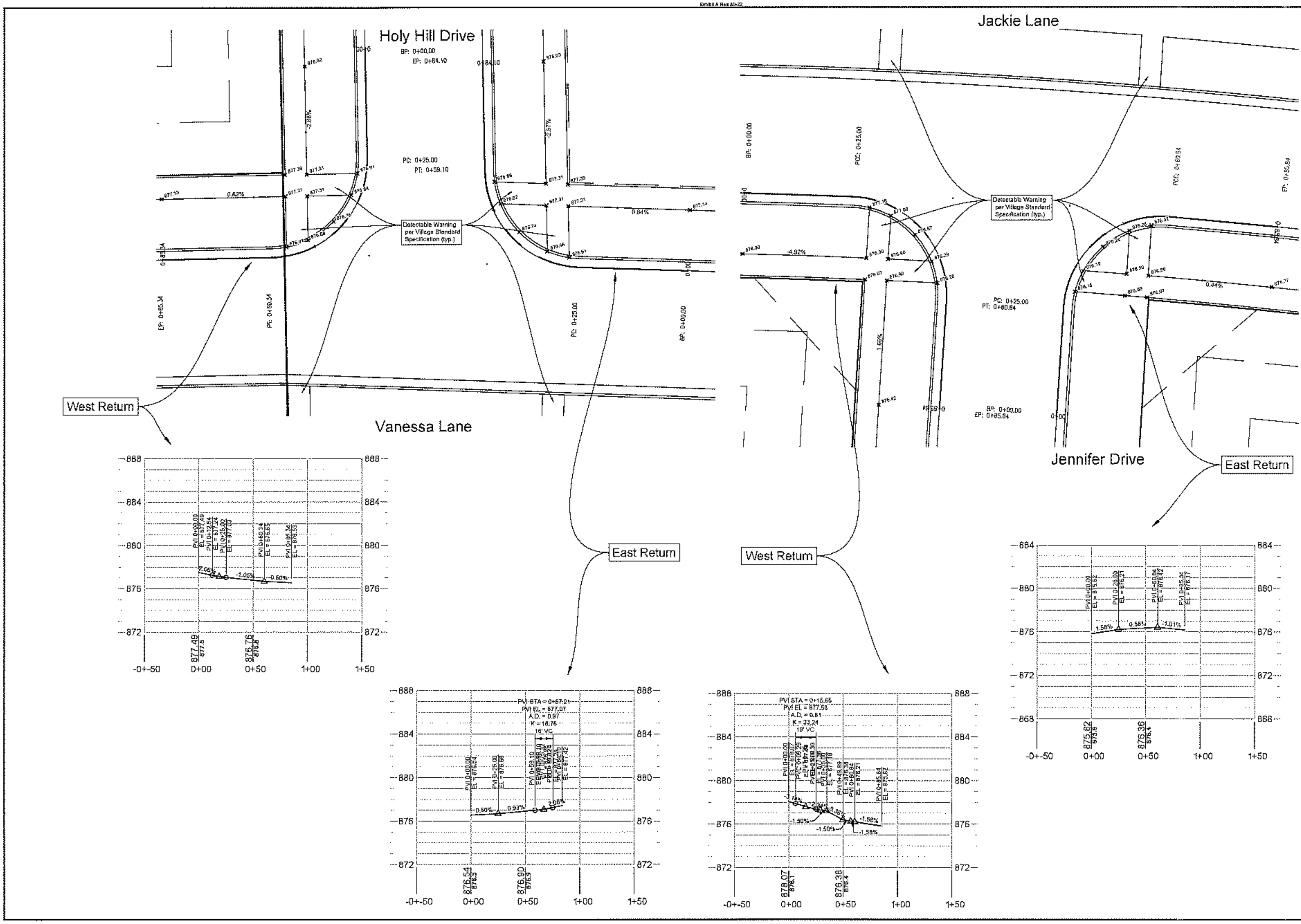
LEGEND
Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Yard Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Curb Return Profile
Jackie Lane

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors

Filename: 7344Prof-CurbReturn.dwg
Date: December 1, 2022
Engineer: TNW
Drafted By: tim
Page: 2.7



NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

814.1F = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Yard Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Horizontal 40 20 0 40
Vertical 4 2 0

Hillview Estates

Village of Greenville, Outagamie County, W

For: DJW Investments, LLC

IMPROVEMENT PLANS

Curb Return Profile

Jennifer Drive - Jackie Lane - Vanessa Lane

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
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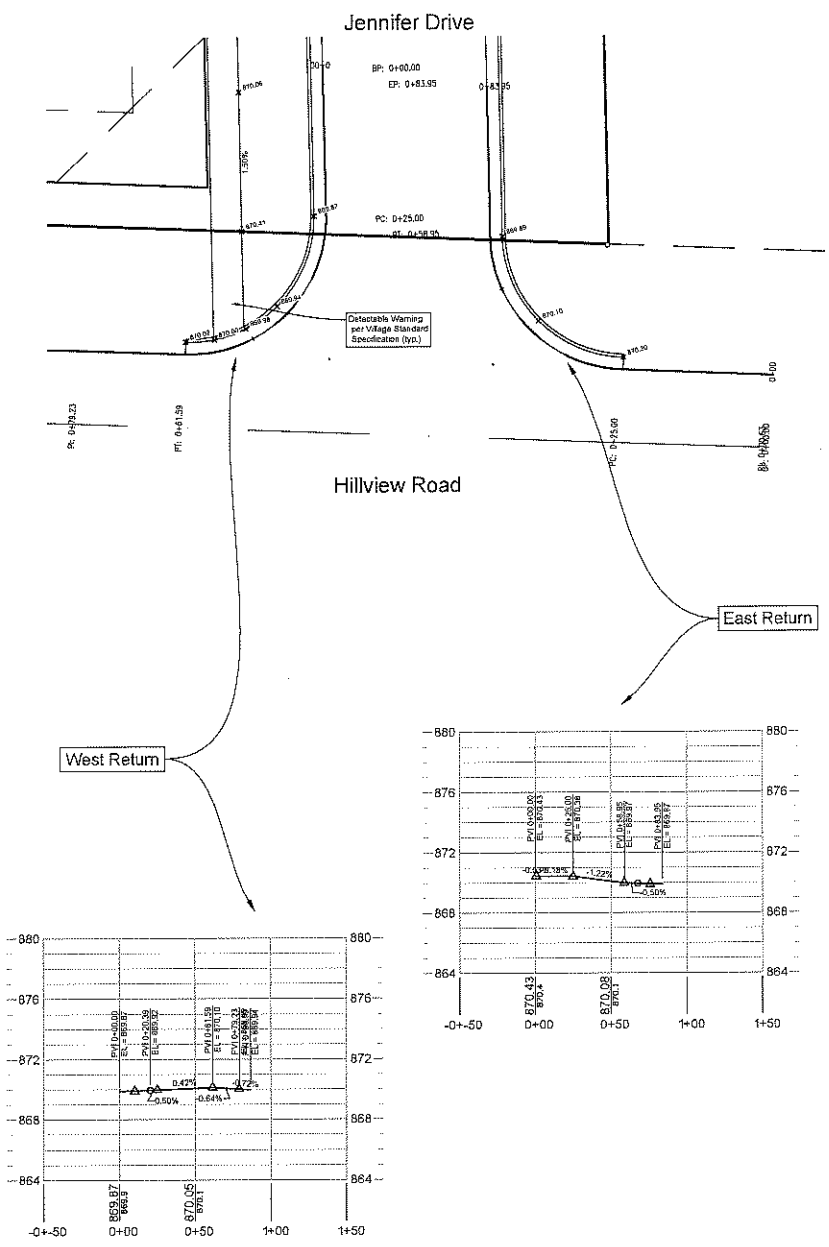
Filename: 7344Prof-CurbReturn.dwg
Date: December 1, 2022
Engineer: TNW
Drafted By: tlm
Page 2.8



NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

814.16 = PROPOSED GRADE

END WALLS ARE INCLUDED IN CULVERT LENGTH

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Area Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Horizontal 40 20 0 40
Vertical 4 2 0

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Curb Return Profile
Jennifer Drive – Hillview Road

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Engineer: TNW
Drafted By: kyle
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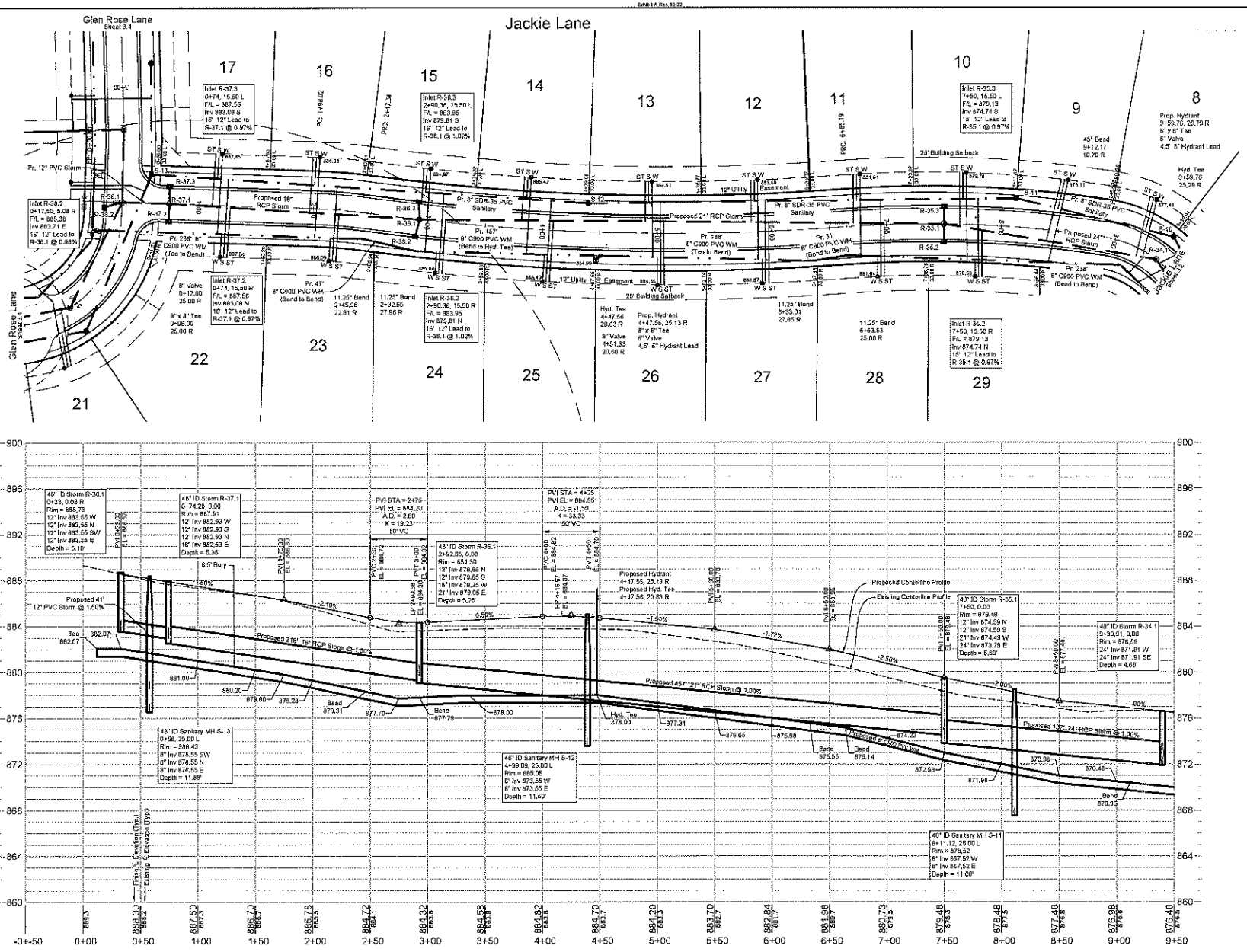

NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

914.1F = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 12" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Yard Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Horizontal
Vertical
40 20 0 40
4 2 0

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Jackie Lane
Sta 0+00 to 9+50

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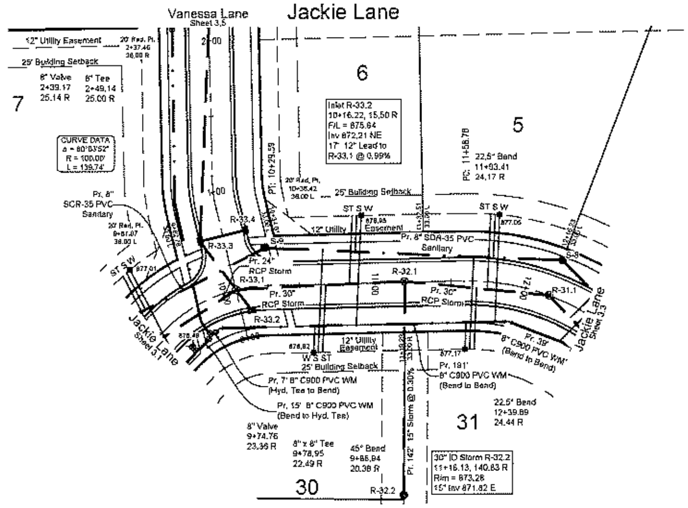
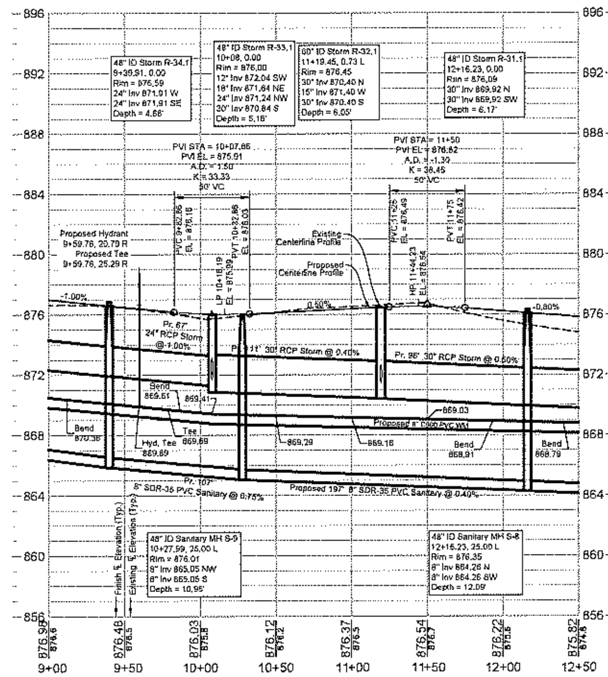
Date: December 1, 2022
Engineer: TNW
Drafted By: Jennifer
Page: 3.1





NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

814^{15} = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

- Proposed Storm Sewer
- Proposed Sanitary Sewer
- Proposed Water Main
- Proposed Culvert
- Proposed Swale/ Ditch
- Proposed Sanitary Manhole
- Proposed Storm Manhole
- Proposed Curb Inlet
- Prop Catch Basin/Yard Drain
- Proposed Endwall
- Proposed Hydrant
- Proposed Valve
- Proposed Tee
- Proposed Cross
- Proposed Bend
- Proposed Reducer
- Proposed Plug

Horizontal 40 20 0 40
Vertical 0 2 4

Hillview Estates

Village of Greenville, Outagamie County, WI

For: DJW Investments, LLC

IMPROVEMENT PLANS

Jackie Lane

Sta 9+00 to 12+50

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Filename: 7344Prof1.dwg
Date: December 1, 2022
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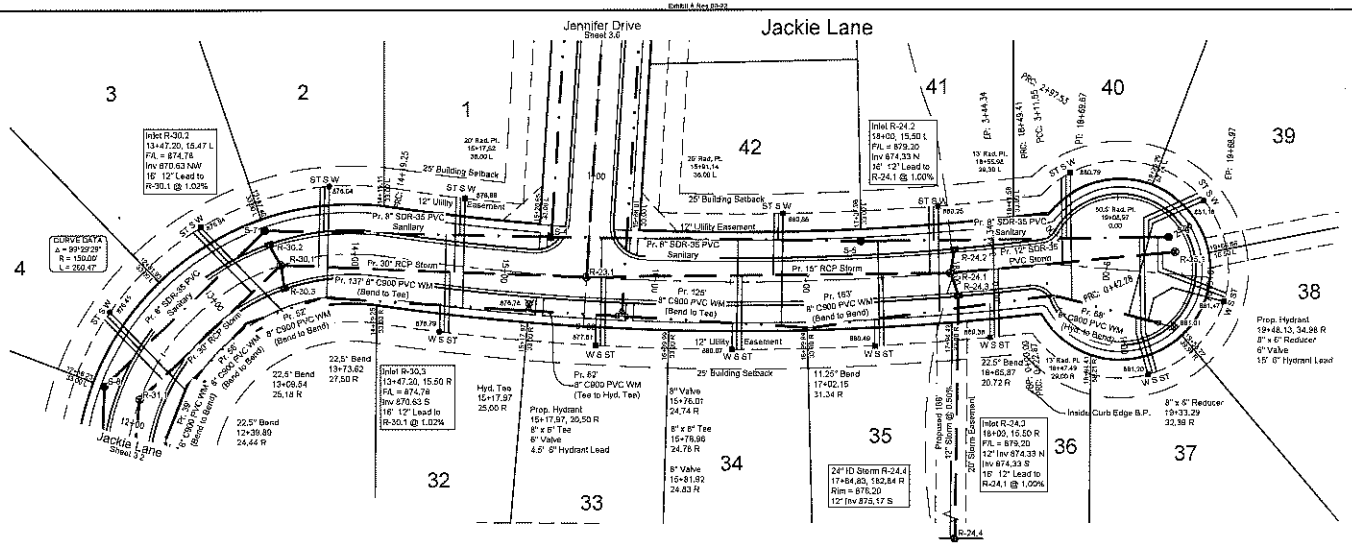

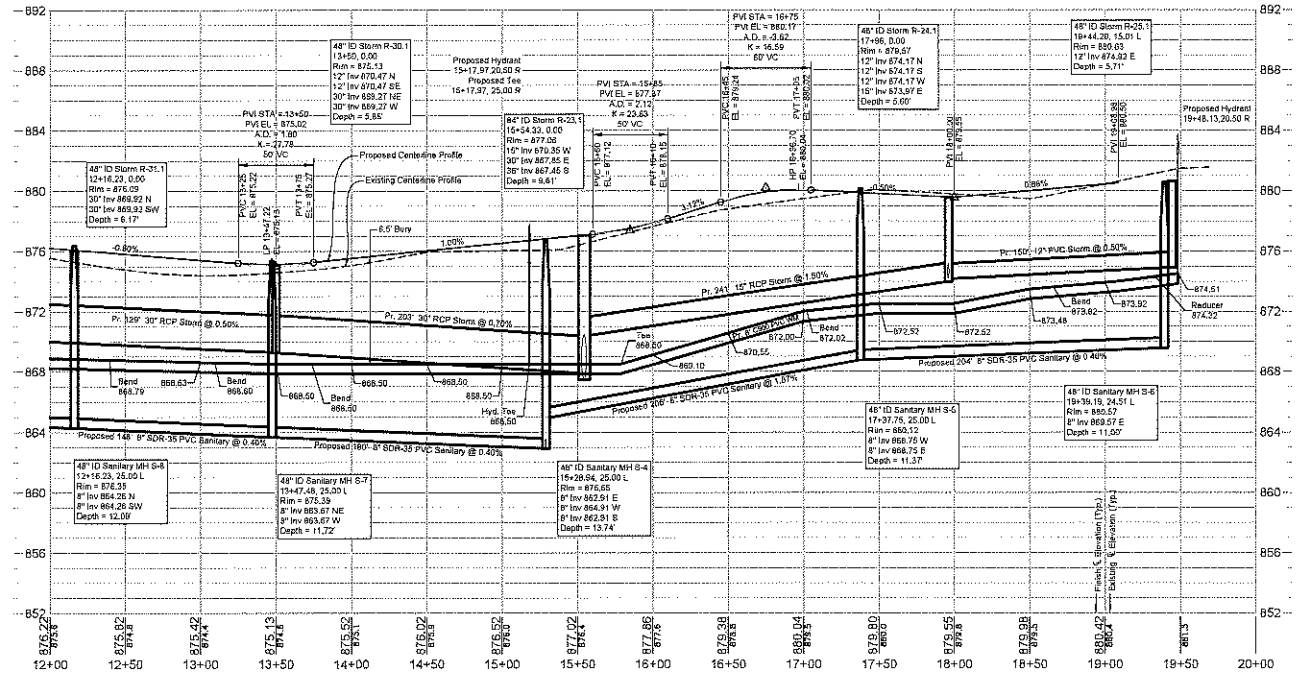

NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

874.16 = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER. 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

- Proposed Storm Sewer
- Proposed Sanitary Sewer
- Proposed Water Main
- Proposed Culvert
- Proposed Swale/ Ditch
- Proposed Sanitary Manhole
- Proposed Storm Manhole
- Proposed Curb Inlet
- Prop. Catch Basin/Yard Drain
- Proposed End wall
- Proposed Hydrant
- Proposed Valve
- Proposed Tee
- Proposed Cross
- Proposed Bend
- Proposed Reducer
- Proposed Plug

Vertical 4 2 0

Horizontal 40 20 0 40

Hillview Estates

Village of Greenville, Outagamie County, WI

For: DJW Investments, LLC

IMPROVEMENT PLANS

Jackie Lane

Sta 12+00 to 19+08.99

DAVEL ENGINEERING & ENVIRONMENTAL, INC.

Civil Engineers and Land Surveyors

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mail@davel.pro

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Date: December 1, 2022

Engineer: TNW

Drafted By: Jennifer

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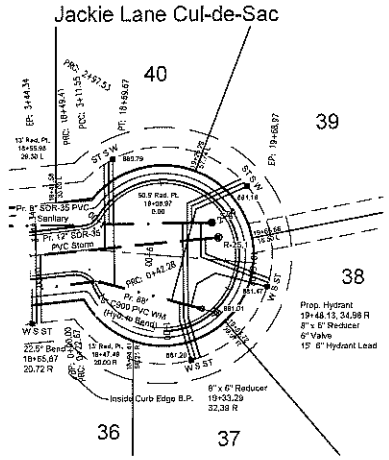
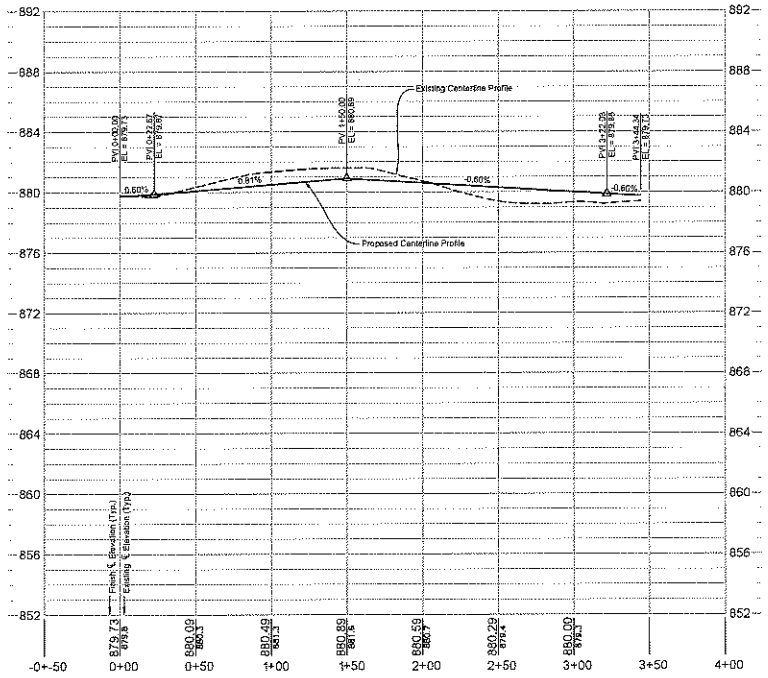




NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

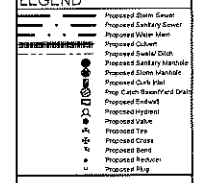
814.15 = PROPOSED GRADE

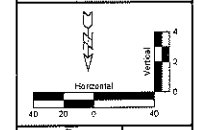
ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 23'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND





Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Jackie Lane Cul-de-Sac
Sta 0+00 to 19+08.98

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Engineer: TJW
Drafted By: Jennifer
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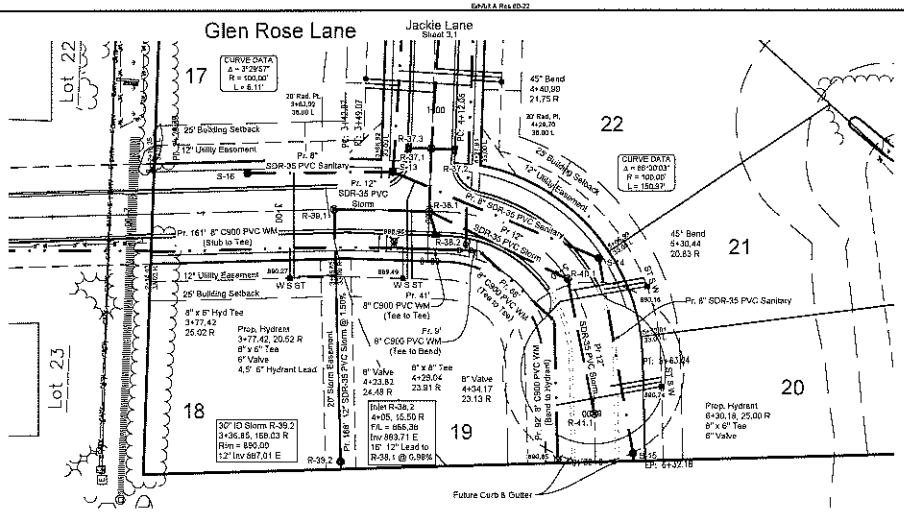

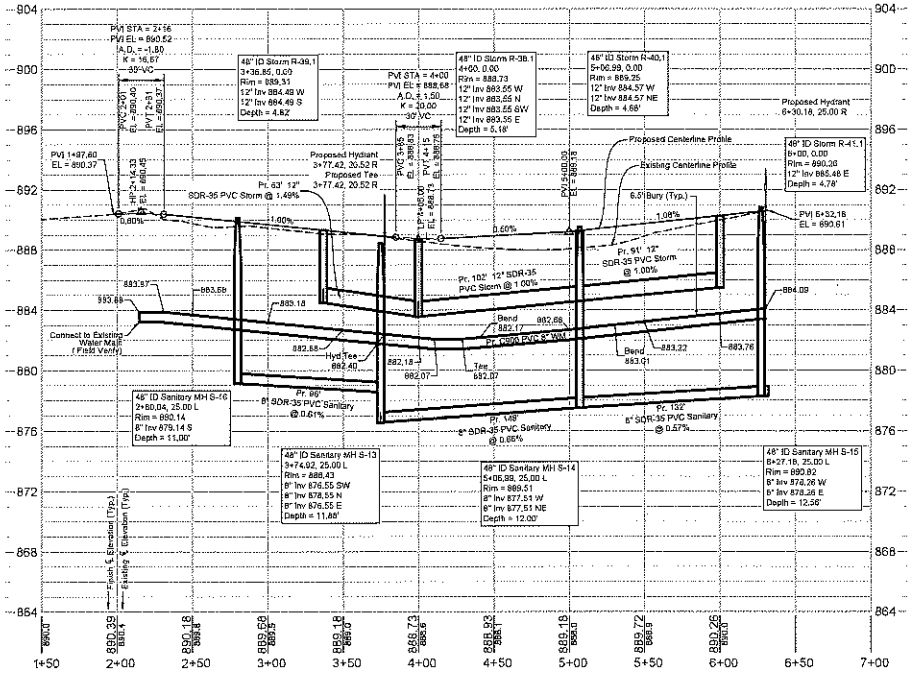

NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

8[4.15] = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop. Catch Basin/Yard Drain
Proposed End-wall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Vertical 4 2 0
Horizontal 40 20 0 40

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS

Glen Rose Lane
Sta 1+97.50 to 6+32.18

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Engineer: TNW
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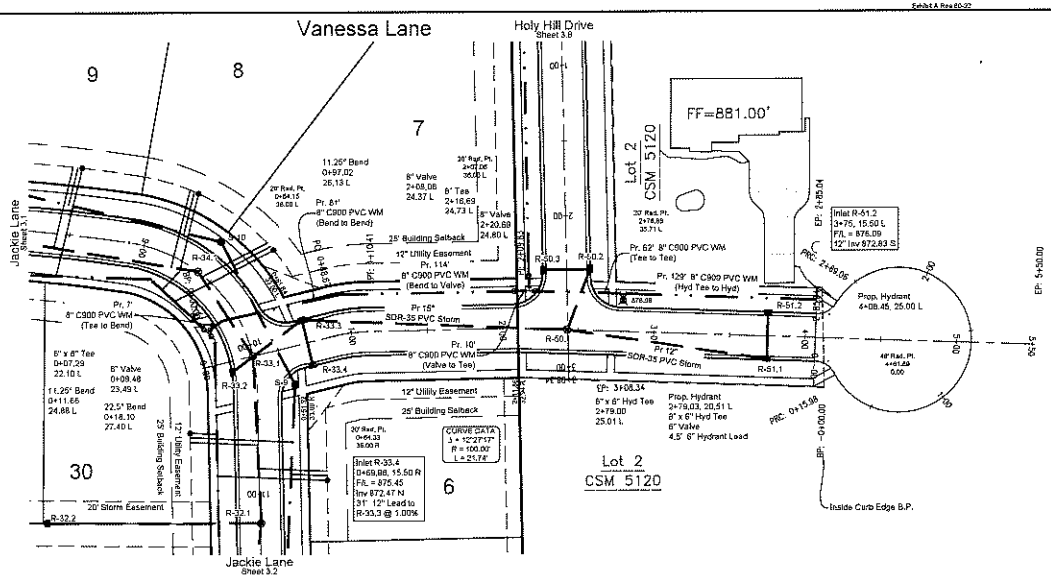
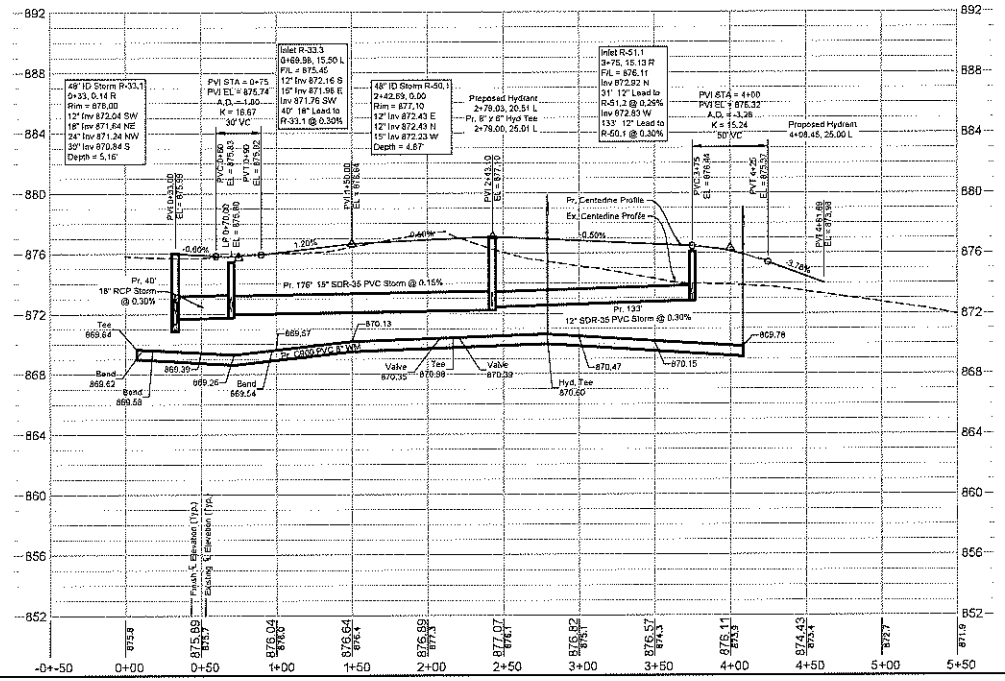
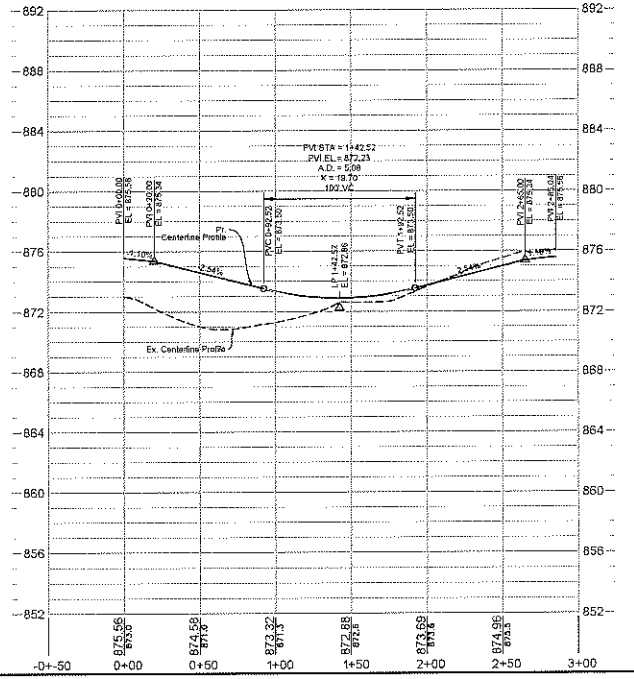




Temporary Cul-de-Sac
Inside Curb Edge Profile



NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

814.15 = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 16'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 23'
- WATER MAIN IS C900 PVC

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Yard Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Horizontal 40 20 0 40
Vertical 4 2 0

Hillview Estates
Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Vanessa Lane
Sta 0+00 to 5+50

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1164 Province Terrace, Neenah, WI 54952
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Date: December 1, 2022
Engineer: TNW
Drafted By: Jennifer
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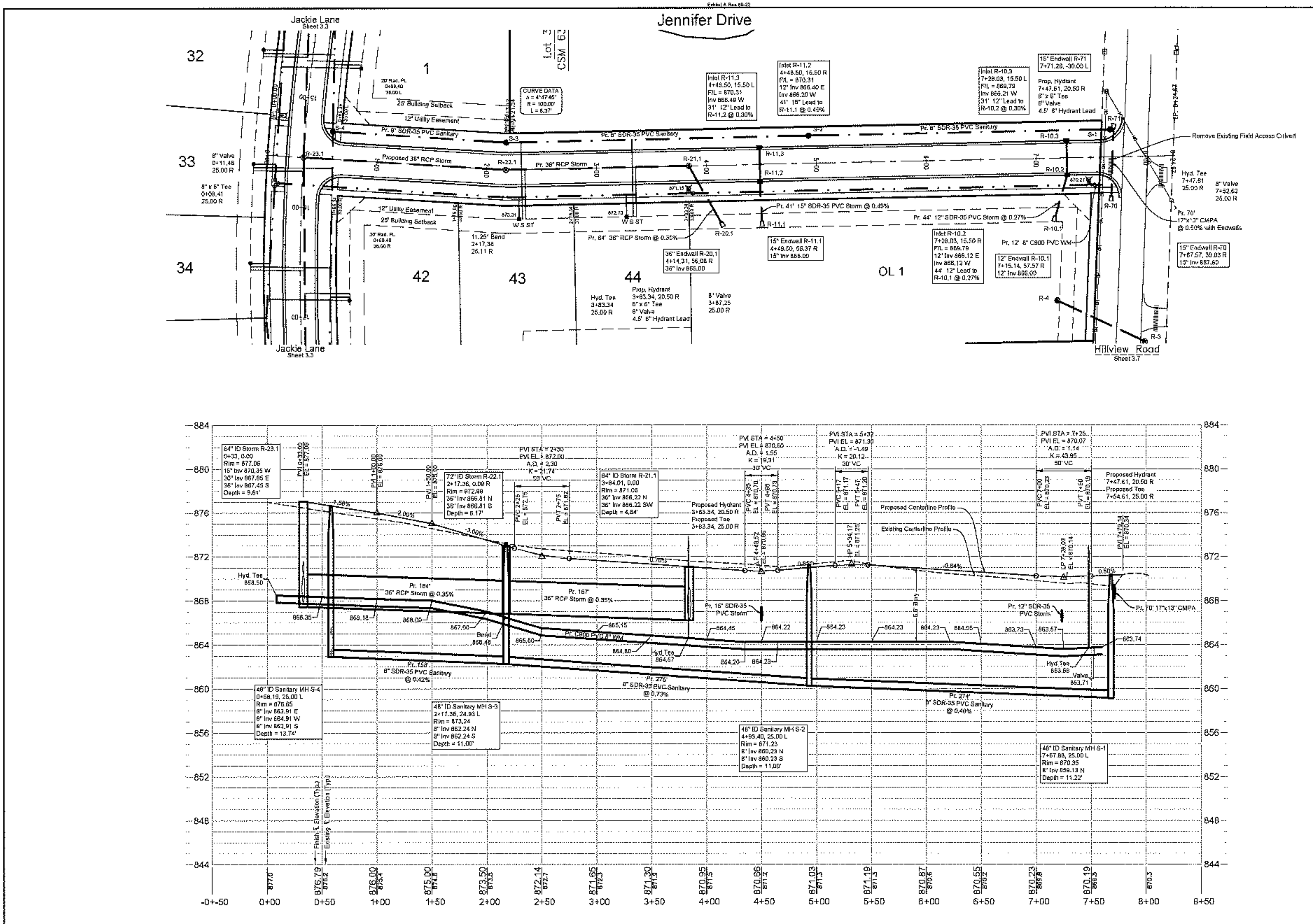

NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

814.16 = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

- Proposed Storm Sewer
- Proposed Sanitary Sewer
- Proposed Water Main
- Proposed Culvert
- Proposed Swale/ Ditch
- Proposed Sanitary Manhole
- Proposed Storm Manhole
- Proposed Curb Inlet
- Prop Catch Basin/Yard Drain
- Proposed Endwall
- Proposed Hydrant
- Proposed Valve
- Proposed Tee
- Proposed Cross
- Proposed Bend
- Proposed Reducer
- Proposed Plug

Horizontal
Vertical

Hillview Estates

Village of Greenville, Outagamie County, WI

For: DJW Investments, LLC

IMPROVEMENT PLANS

Jennifer Drive

Sta 0+00 to 7+79.14

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
Civil Engineers and Land Surveyors
1164 Province Terrace, Menasha, WI 54952
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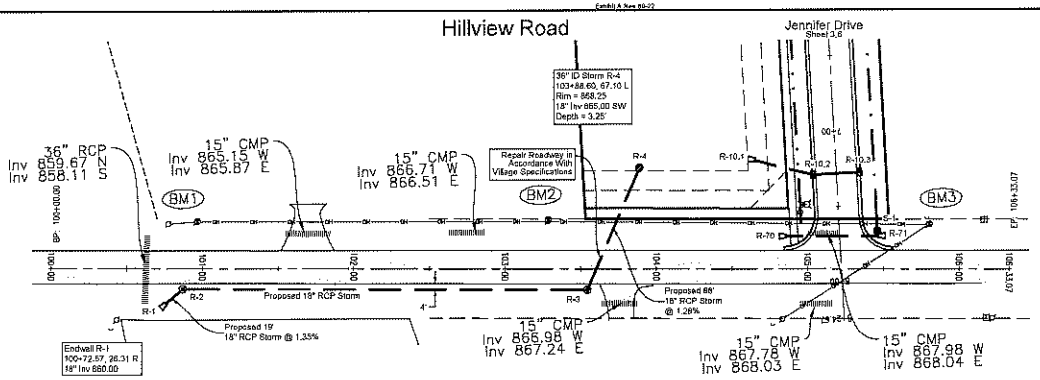

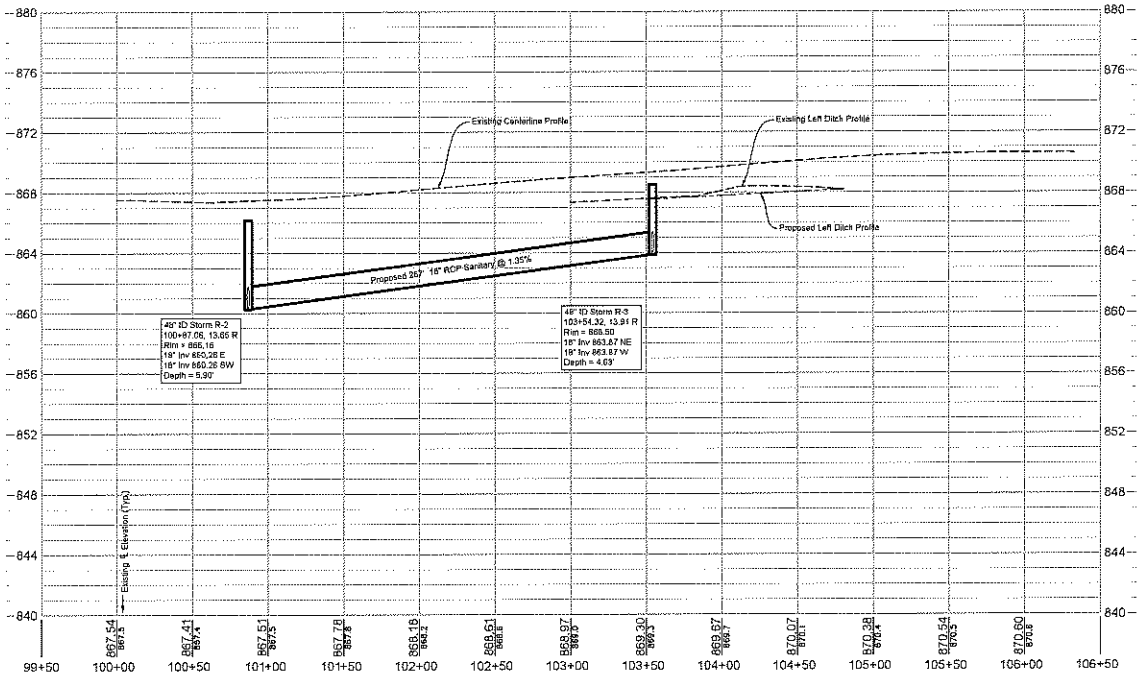

NOTES:

BASELINE STATIONING IS TO BACK OF CURB.

BF 4.1% = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER. 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Subtal Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Field Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Horizontal: 40 20 0 40
Vertical: 4 2 0

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Hillview Road
Sta 100+00 to 106+33.07

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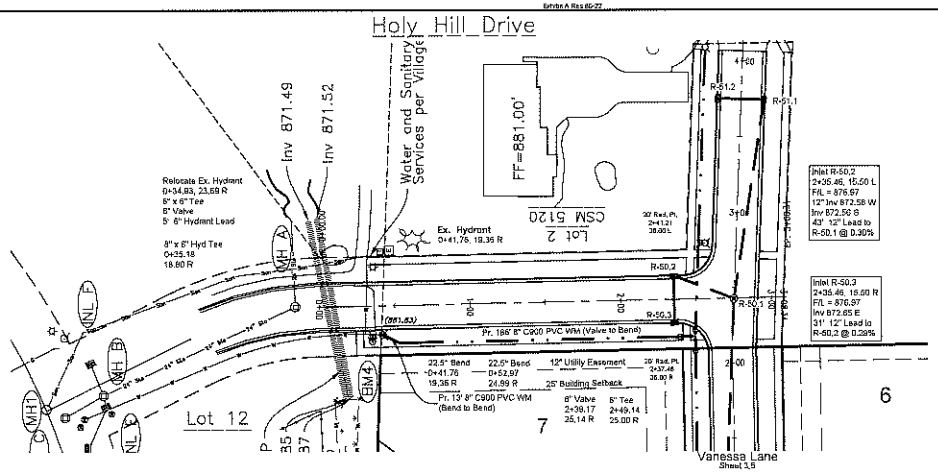
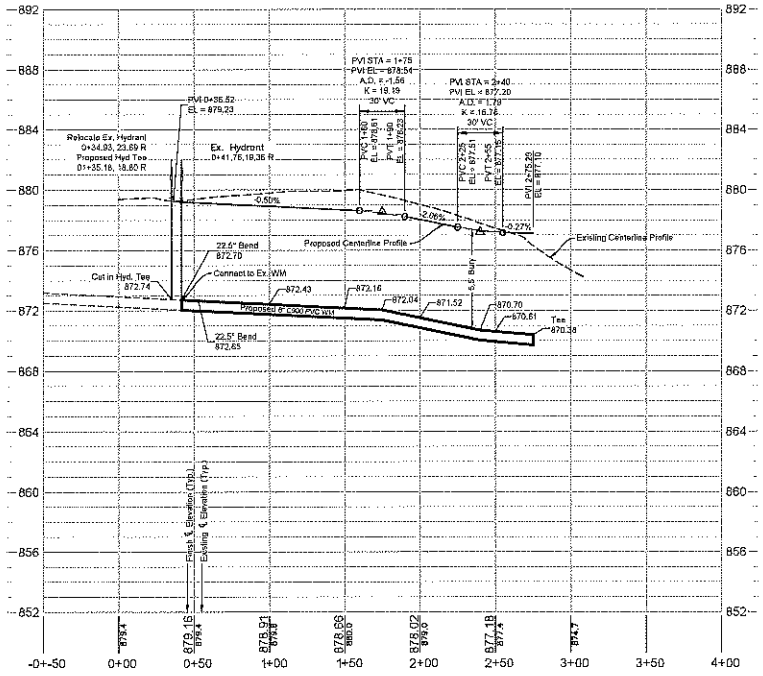
Drafted By: Jennifer
Page: 3.7





NOTES:

RADIUS STATIONING IS TO BACK OF CURB.

gt4.15 = PROPOSED GRADE

ENDWALLS ARE INCLUDED IN CULVERT LENGTH

ALL STRUCTURE PLAN RIM ELEVATIONS ARE TO FINISH GRADE

- STORM SEWER MAIN SHALL BE RCP FOR 18" OR LARGER, 15" OR LESS MAY BE RCP OR SDR-35 PVC FOR DEPTH UP TO 25'
- SANITARY SEWER MAIN IS SDR-35 PVC FOR DEPTH UP TO 25'
- WATER MAIN IS C900 PVC

LEGEND

Proposed Storm Sewer
Proposed Sanitary Sewer
Proposed Water Main
Proposed Culvert
Proposed Swale/ Ditch
Proposed Sanitary Manhole
Proposed Storm Manhole
Proposed Curb Inlet
Prop Catch Basin/Field Drain
Proposed Endwall
Proposed Hydrant
Proposed Valve
Proposed Tee
Proposed Cross
Proposed Bend
Proposed Reducer
Proposed Plug

Vertical 4 2 0
Horizontal 40 20 0 40

Hillview Estates

Village of Greenville, Outagamie County, WI
For: DJW Investments, LLC

IMPROVEMENT PLANS
Holy Hill Drive
Sta 0+00 to 3+08.34

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
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December 1, 2022 3:17 PM Plotted by Jennifer
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Filename: 7344Prof1.dwg
Date: December 1, 2022
Engineer: TNW
Drafted By: Jennifer
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