

Public Utilities Committee

Tuesday, May 21, 2019

6:00 PM

McFarland Municipal Center
Conference Room A

AGENDA

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
3. APPROVAL OF MINUTES.
 - a. Discussion and and action regarding the minutes of the joint Public Works and Public Utilities Committee meetings held March 12, 2019.
 - b. Discussion and action regarding the minutes from the regular meeting held on March 12, 2019.
4. BUSINESS.
 - a. Discussion and action regarding utility plan approved for the development of 4703 Terminal Drive by Ryan Quam.
 - b. Discussion and action to make a recommendation to the Plan Commission regarding a proposed Certified Survey Map as part of the redevelopment of 4703 Terminal Drive by Ryan Quam.
 - c. Discussion and action regarding utility plan approval for Phase 8 of Juniper Ridge Subdivision by Veridian Homes.
 - d. Discussion and action to make a recommendation regarding the hours of operation for the yard waste drop off site.
 - e. Discussion and action regarding a request for a sump pump discharge header pipe located at or around 5300 Marsh Woods.
 - f. Presentation of the Public Works Department monthly report by the Director.
5. SCHEDULE NEXT MEETING DATE.
 - a. Tuesday, June 18, 2019 at 6:00 pm.
6. ADJOURNMENT.

This meeting notice constitutes an official meeting of the above referenced group and was posted in accordance with all applicable laws related to Open Meetings Law. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals. For additional information or to request this service, contact the McFarland Municipal Center at (608) 838-3153 or cassandra.suettinger@mcfarland.wi.us.

VILLAGE OF MCFARLAND
Public Works Committee
Public Utilities Committee
Joint Meeting Minutes
Tuesday, March 12, 2019 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Mary Pat Lytle called the joint meeting of the Public Works and Public Utilities Committee to order at 6:00 PM in the Community Room of the Municipal Center.

Members not Present: Elizabeth Bohuski, Marv Meyers, Marc Nielson, and Randall Hansen.

Members Present: Chris Fredrick, Richard Vela, Terrance Lawrin, Carolyn Clow, Jerry Adrian, Stephanie Brassington, Mary Pat Lytle, Carolyn Clow, Craig Weiss and Eric Kryzenske.

Staff Present: Public Works Director Jim Hessling, Community Development Director Pauline Boness, Village Engineer Tim Stieve, and Administrator Matt Schuenke.

2. PUBLIC APPEARANCES.

None

3. BUSINESS.

- a. Discussion and action to make a recommendation to the Plan Commission regarding consideration for rezoning (Commercial Highway to Planned Development), General Plan review, and Detailed Plan (Phase I) review for the property located at 4703 Terminal Drive as it concerns plans to construct streets and necessary utilities within the proposed development.

Ryan Quam, developer of this property, gave a presentation on this project. Discussion took place between the committee members on this proposed development. The water and sewer services in this development will be private. The utility will have the necessary easements in case of problems. Tim Stieve went over Town and Country Engineers concerns with the site. Quam responded that he would work with Town and Country on those issues. Internal curbing pertaining to storm water was also discussed. Curbing and sidewalks along Terminal Drive was discussed. It was decided this isn't the best time to add these items as the grade or future grade(s) of Terminal Drive might change due to reconstruction and future developments.

Motion by Clow, Seconded by Fredrick to accept the plan as presented with the conditions of Town and Country's letter being met. Motion passed 10-0-0.

- b. Discussion and action to make a recommendation to the Village Board regarding the award of contract for the 2019 Water Main and Street Improvements.

Stieve went over the bid process and the bids that were recently received. There were twenty-three (23) requests for bid packages with only five (5) official responders. Schuenke explained the budget for this project. After discussion, the joint committee was in consensus to move forward with the base bid, bid alternate number three (3) and the supplemental bid. Motion by Fredrick, seconded by Brassington, to approve the base bid, alternate bid number three (3) and the supplemental bid from Maddrell Excavating and send on to the Village Board for approval. Motion passed 10-0-0.

- c. Discussion and action to make a recommendation to the Village Board regarding the position description and approval to fill the vacancy for the Streets/Utilities Superintendent position within the Public Works Department.

Schuenke went over the job description with the group. Both Committees provided input on the proposed position adding clarification on driver's license requirements and application of all utilities to the responsibilities. Motion by Clow, seconded by Fredrick to accept and make a recommendation to the Village Board to fill the vacancy of the Public Works/Utilities Superintendent position as amended. Motion passed 10-0-0.

4. ADJOURNMENT.

Motion by Lytle, second by Frederick, and unanimously carried to adjourn the joint meeting at 7:21p.

VILLAGE OF MCFARLAND
Public Utilities Committee Minutes

Tuesday, March 12, 2019 - 7:00 PM

1. CALL TO ORDER, ROLL CALL.

Mary Pat Lytle called the regular meeting of the Public Utilities Committee to order at 7:25 PM in the Community Room of the McFarland Municipal Center.

2. PUBLIC APPEARANCES.

Members present: Stephanie Brassington, Chris Fredrick, Eric Kryzenske, Mary Pat Lytle, and Craig Weiss.

Members not present: Randy Hansen.

Staff Present: Village Administrator Matt Schuenke.

3. APPROVAL OF MINUTES.

a. Motion to approve the minutes of the November 20, 2018 meeting.

A motion was made by Lytle, seconded by Weiss, and unanimously carried by the Public Utilities Committee to approve the minutes of the meeting held on November 20, 2018 with the changes noted. Kryzenske abstained.

b. Motion to approve the minutes of the January 15, 2019 meeting.

A motion was made by Lytle, seconded by Frederick, and unanimously carried by the Public Utilities Committee to approve the minutes of the meeting held on January 15, 2019 with the changes noted. Weiss abstained.

4. BUSINESS.

a. Discussion on Public Service Commission letter of instructions to municipal utilities regarding credit card fees.

The Committee reviewed a letter from the Public Service Commission (PSC) regarding the inclusion of credit card fees as part of local municipal rates. The PSC opined that utilities can absorb the fees applied by credit card companies to be paid for by the utility through rates. The fees would be absorbed likely through a rate case if it was determined necessary. The Committee did not desire to make this change and directed that the issue be reserved for when the Utility required a rate case.

b. Discussion and action on setting a POLCO question on whether the Utility should absorb the convenience fee charged by the Payment Service Network.

The Committee discussed this issue and again felt the current process where the customer paid the fee was adequate. Direction was provided to hold off on asking the question for now.

- c. Discussion and action to make a recommendation to the Village Board regarding a Sanitary Sewer Backup Manual.

Following discussion, a motion was made by Frederick, seconded by Brassington, and unanimously carried by the Public Utilities Committee to recommend approval to the Village Board of the Sanitary Sewer Backup Manual with the final changes as noted.

- d. Discussion and action to make a recommendation to the Village Board regarding the creation of a No Fault Sanitary Sewer Backup Reimbursement Policy.

Lytle explained the background regarding the policy when it was last recommended to the Village Board. Following discussion, a motion was made by Lytle, seconded by Kryzenske, for the Public Utilities Committee to recommended approval to the Village Board regarding the creation of a No Fault Sanitary Sewer Backup Reimbursement Policy. Motion failed 1 - 4 - 0.

- e. Directors Report

The Village Administrator reviewed the Public Works report on behalf of the Director.

5. SCHEDULE NEXT MEETING DATE.

- a. Tuesday, April 16, 2019 at 6:00 pm.

6. ADJOURNMENT.

A motion was made by Frederick, seconded by Weiss, and unanimously carried by the Public Utilities Committee to adjourn the meeting at 8:22 pm.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin boards in accordance with Open Meetings Law.

Respectfully submitted,

Matthew G. Schuenke
Village Administrator



VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action regarding utility plan approved for the development of 4703 Terminal Drive by Ryan Quam.

PREVIOUS ACTION:

ISSUE SUMMARY:

Easements for the project at 4703 Terminal Drive have changed. Originally, the easements were private and have since been changed to public. This is the utilities opportunity to look over the utility plan and easements and express any concerns with this change.

An engineer's letter will need to be submitted to the DNR for necessary approval of the watermain installation. The stormwater and sanitary sewer easements will remain private.

FINANCIAL/BUDGET IMPACT:

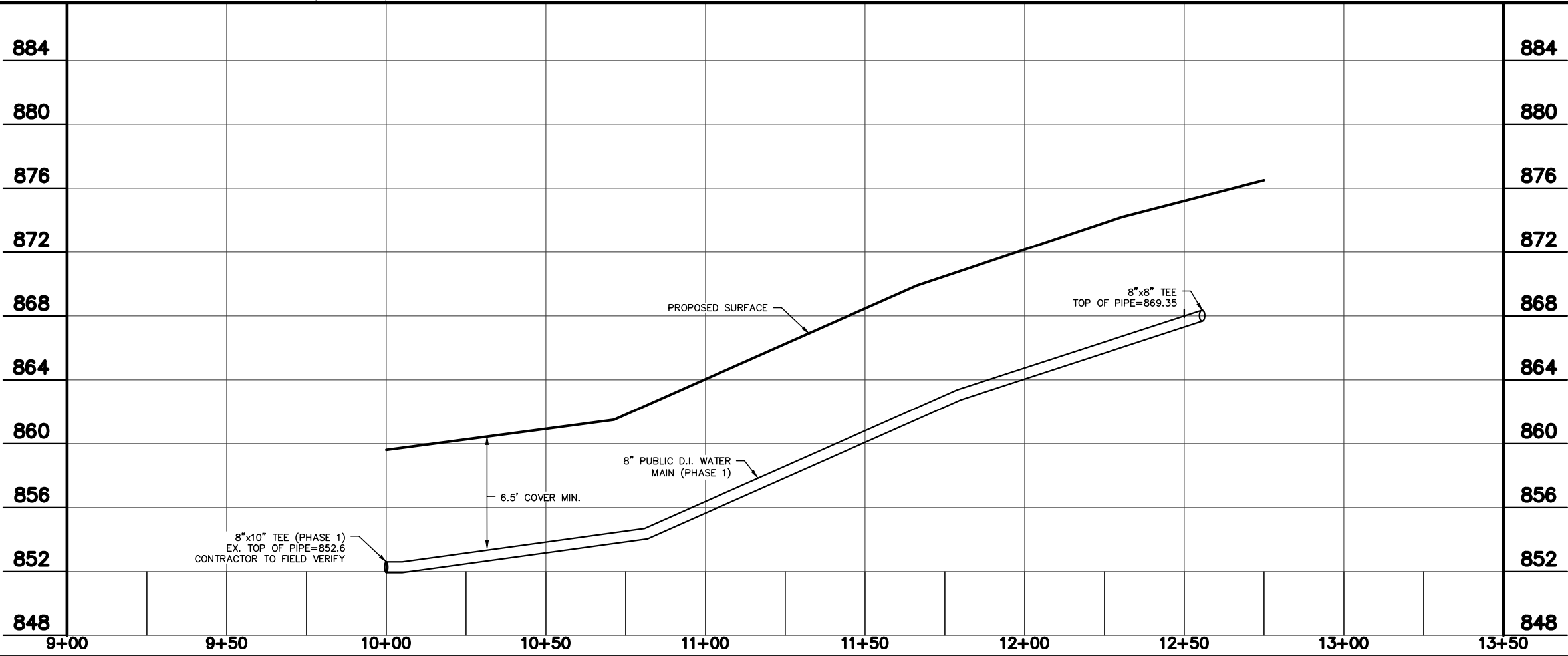
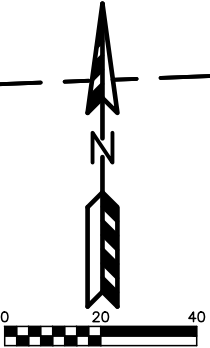
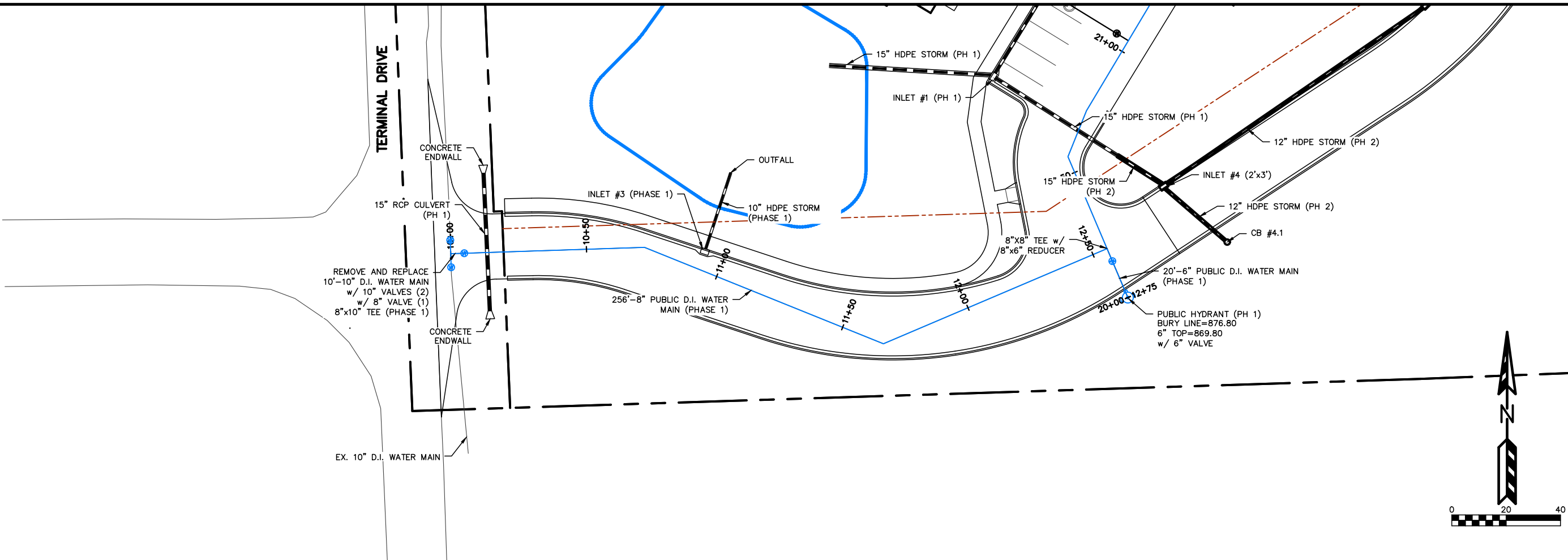
VILLAGE PLAN REFERENCE:

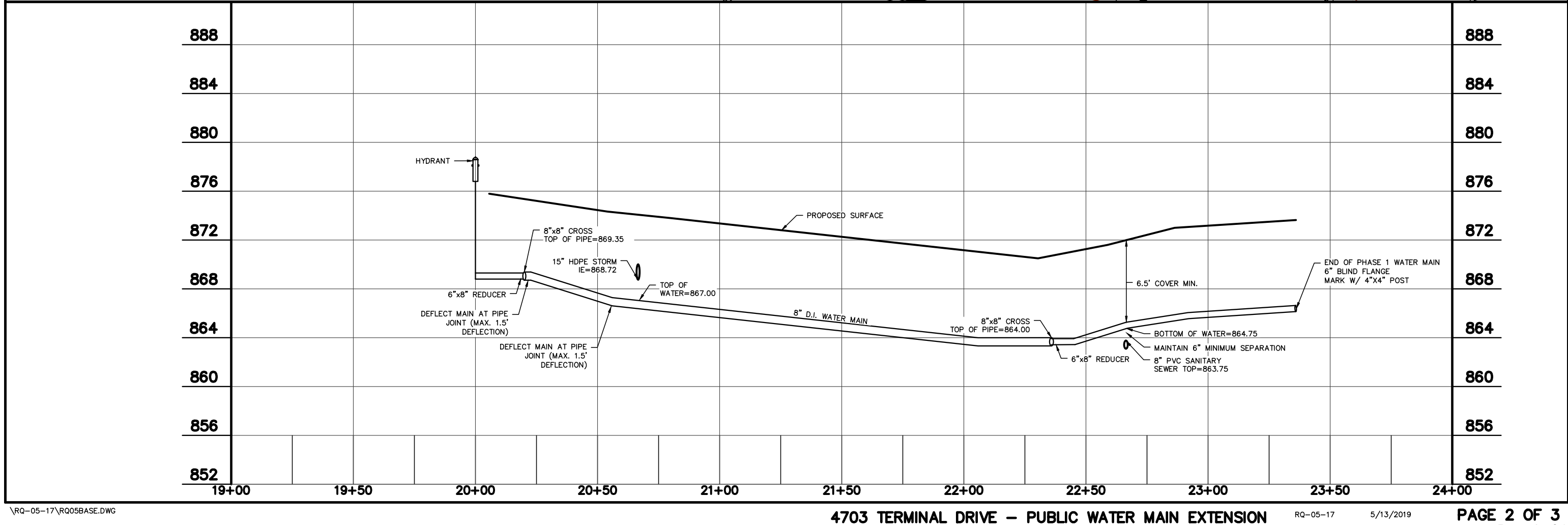
ORDINANCE REFERENCE:

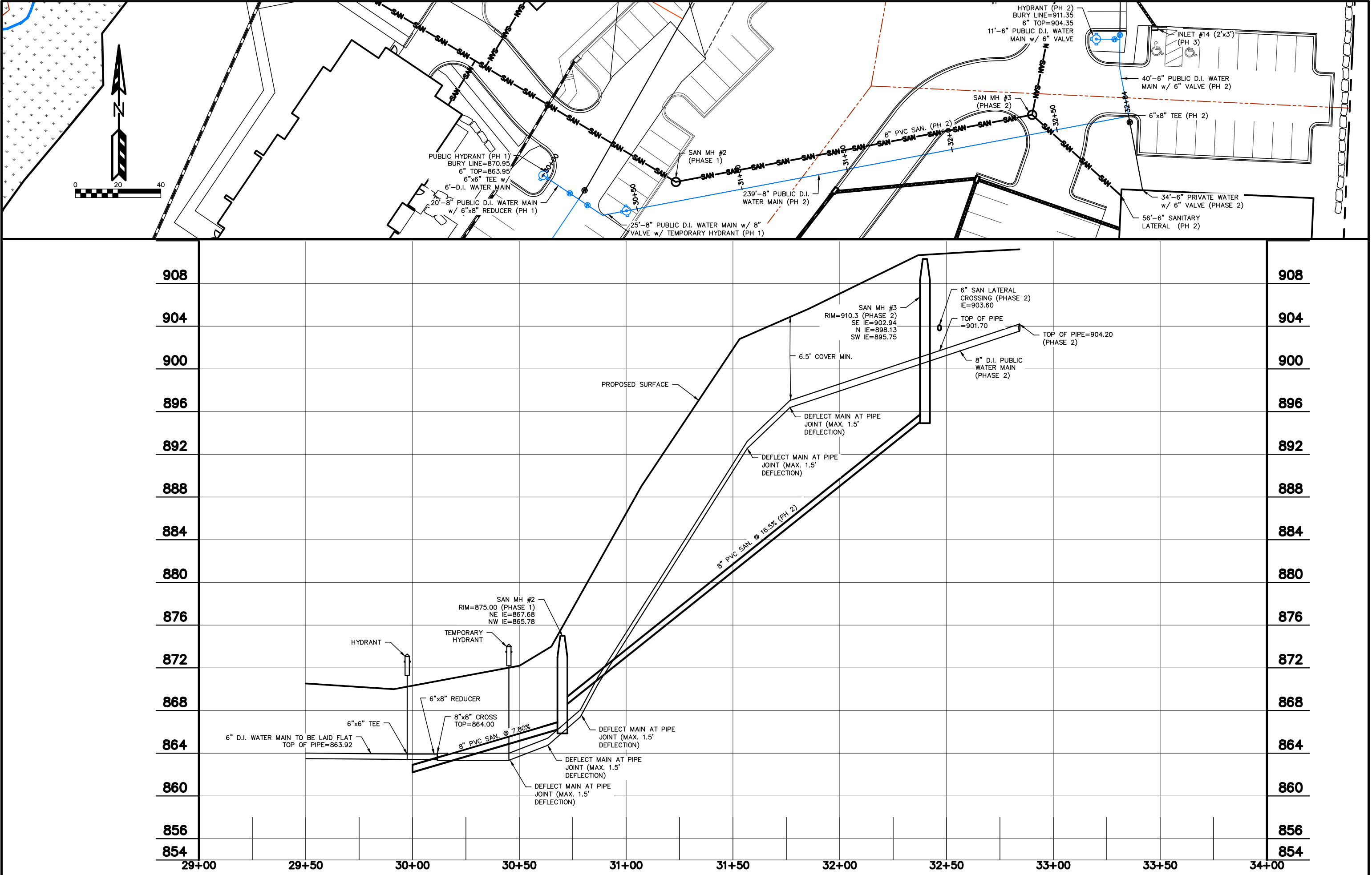
BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. 4703 Water Main Plan and Profiles 5-13-19
2. 4703 Terminal Drive Plan Set 5-13-19



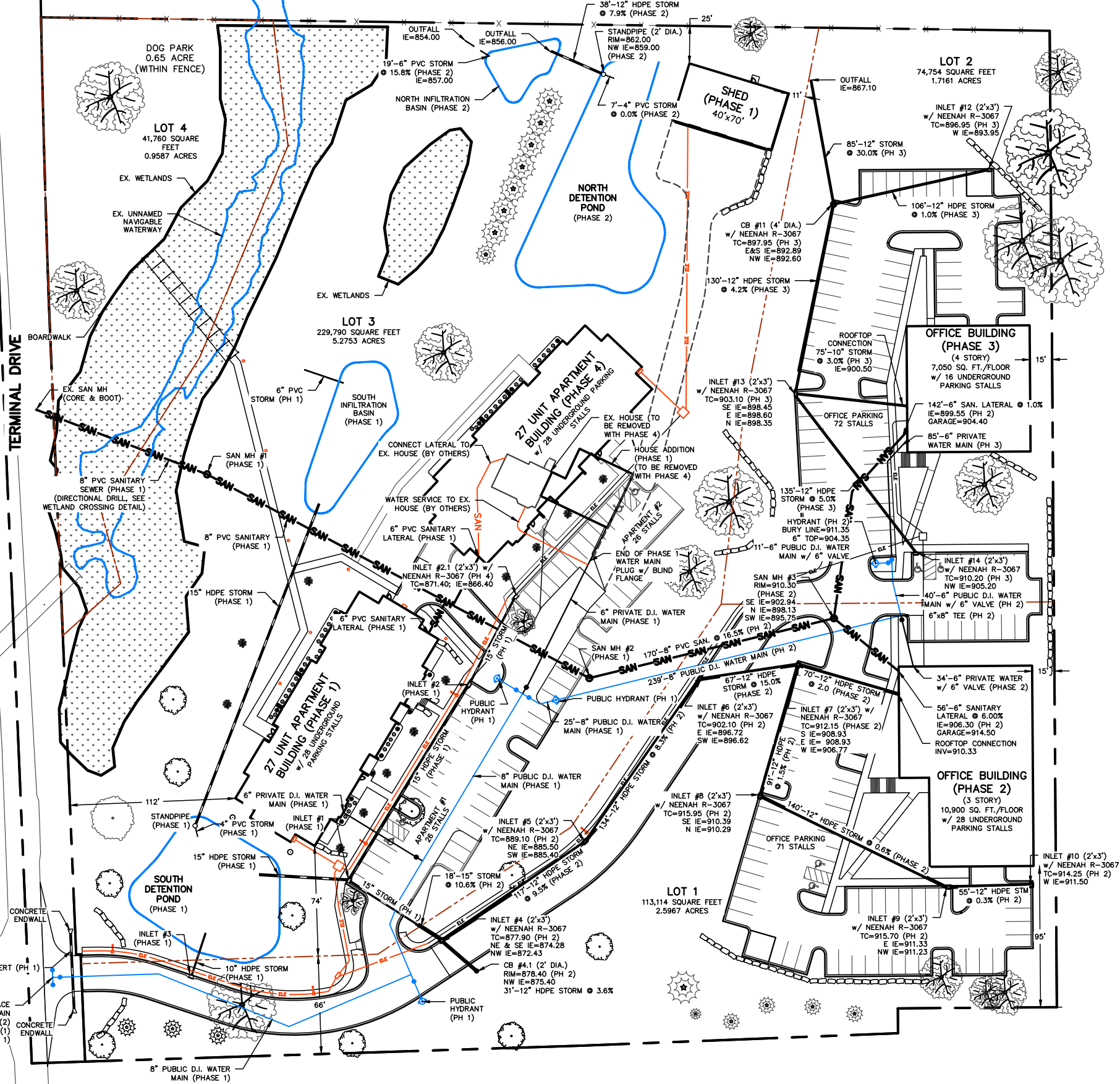




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4604 Sigelkow Road, Suite A – McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752

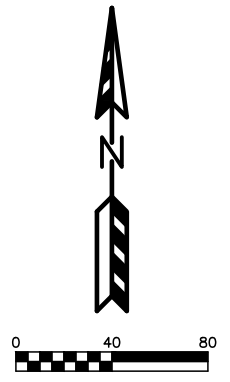


US HIGHWAY 51 51

BUILDING INFORMATION			
BUILDING	# OF STORIES	BUILDING FOOTPRINT (SF)	GROSS FLOOR AREA (SF)
PHASE 1 APARTMENTS	3 + UNDERGROUND PARKING	11310	45240
PHASE 2 OFFICE	2+UNDERGROUND PARKING	11200	33600
PHASE 3 OFFICE	2+UNDERGROUND PARKING	11200	33600
PHASE 4 APARTMENTS	3+ UNDERGROUND PARKING	11310	45240

LOT INFORMATION	
LOT #	AREA (ACRES)
1	2.5967
2	1.7161
3	5.2753
4	0.9587

- TIME SCHEDULE:**
- PHASE 1**
JULY 15 - 30, 2019
AUGUST 1 - 3, 2019
AUGUST 4 - 15, 2019
AUGUST 16 - SEPTEMBER 15, 2019
SEPTEMBER 1, 2019 - MAY 14, 2020
APRIL 1 - MAY 14, 2020
MAY 1 - 14, 2020
- PHASE 2**
APRIL 15 - SEPTEMBER 15, 2020
- PHASE 3**
SEPTEMBER 1, 2023 - APRIL 30, 2024
- PHASE 4**
SEPTEMBER 1, 2024 - APRIL 30, 2025
- REMOVE EXISTING BUILDINGS, CLEAR UNDERBRUSH, REMOVE TREES AS DIRECTED BY THE ENGINEER, AND BURN MATERIALS IN VILLAGE APPROVED BURN AREAS.
GRADE SOUTH DETENTION POND AND RESTORE DISTURBED AREAS.
GRADE REMAINDER OF PHASE 1 CONSTRUCTION SITE AND RESTORE DISTURBED AREAS.
INSTALL SANITARY SEWER, WATER MAIN, AND STORM SEWER.
CONSTRUCT APARTMENT BUILDING.
CONSTRUCT PARKING LOT, DRIVE AISLES, AND SIDEWALKS AND RESTORE REMAINING DISTURBED AREAS.
INSTALL LANDSCAPING.
CONSTRUCT OFFICE BUILDING AND ASSOCIATED PARKING LOT AND SIDEWALKS AND RESTORE DISTURBED AREAS.
CONSTRUCT OFFICE BUILDING AND ASSOCIATED PARKING LOT AND RESTORE DISTURBED AREAS.
CONSTRUCT APARTMENT BUILDING AND ASSOCIATED PARKING LOT AND SIDEWALKS AND RESTORE DISTURBED AREAS.





TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

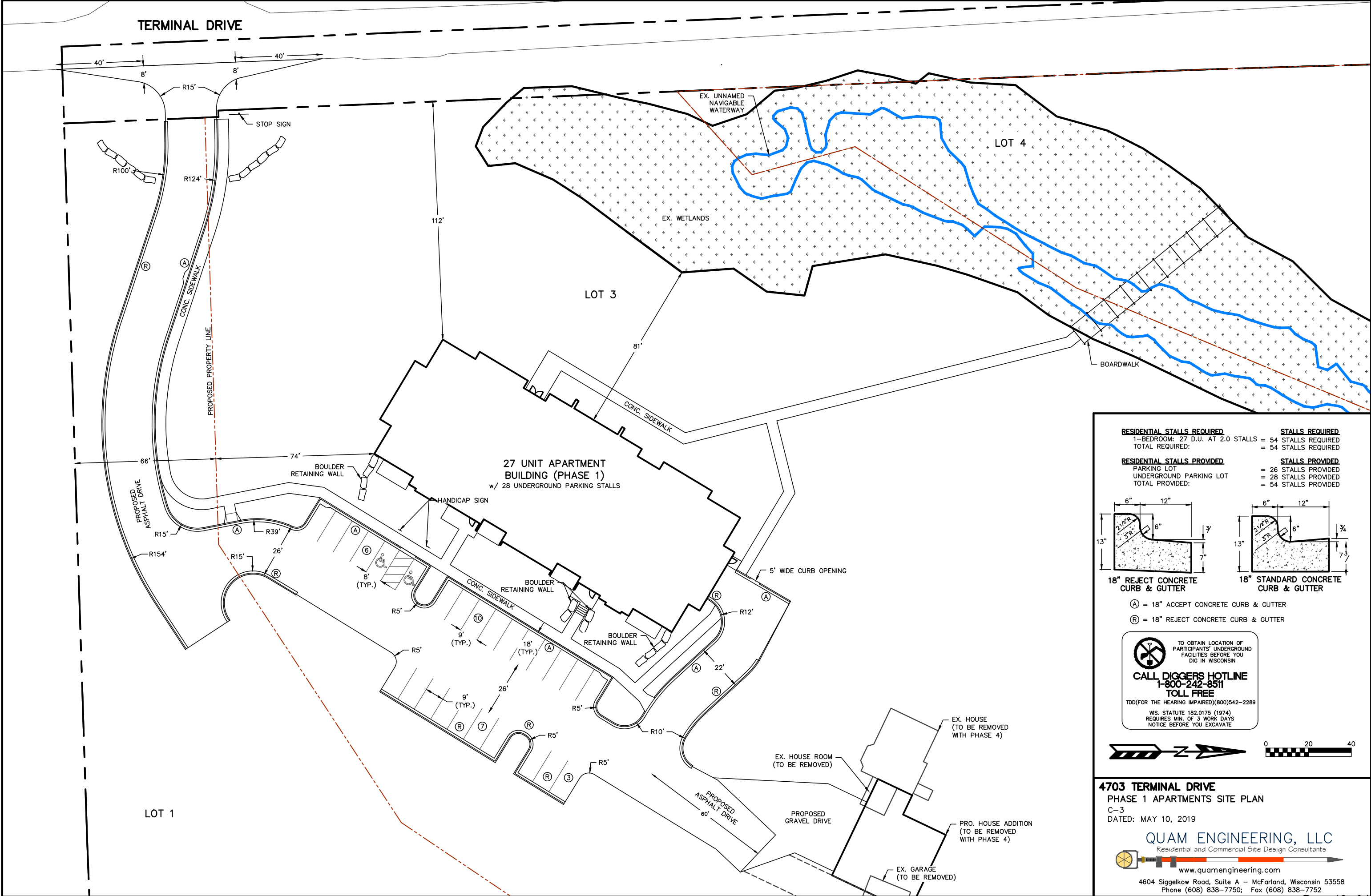
CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

TDD(FOR THE HEARING IMPAIRED)(800)542-2289

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

4703 TERMINAL DRIVE
GENERAL DEVELOPMENT PLAN
C-2
DATED: MAY 13, 2019

QUAM ENGINEERING, LLC
Residential and Commercial Site Design Consultants
www.quamengineering.com
4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752



RESIDENTIAL STALLS REQUIRED
1-BEDROOM: 27 D.U. AT 2.0 STALLS = 54 STALLS REQUIRED
TOTAL REQUIRED: = 54 STALLS REQUIRED

RESIDENTIAL STALLS PROVIDED
PARKING LOT = 26 STALLS PROVIDED
UNDERGROUND PARKING LOT = 28 STALLS PROVIDED
TOTAL PROVIDED: = 54 STALLS PROVIDED

STALLS REQUIRED
= 54 STALLS REQUIRED
= 54 STALLS REQUIRED

STALLS PROVIDED
= 26 STALLS PROVIDED
= 28 STALLS PROVIDED
= 54 STALLS PROVIDED

13" 6" 12" 6" 3/4"

18" REJECT CONCRETE CURB & GUTTER

13" 6" 12" 6" 3/4"

18" STANDARD CONCRETE CURB & GUTTER

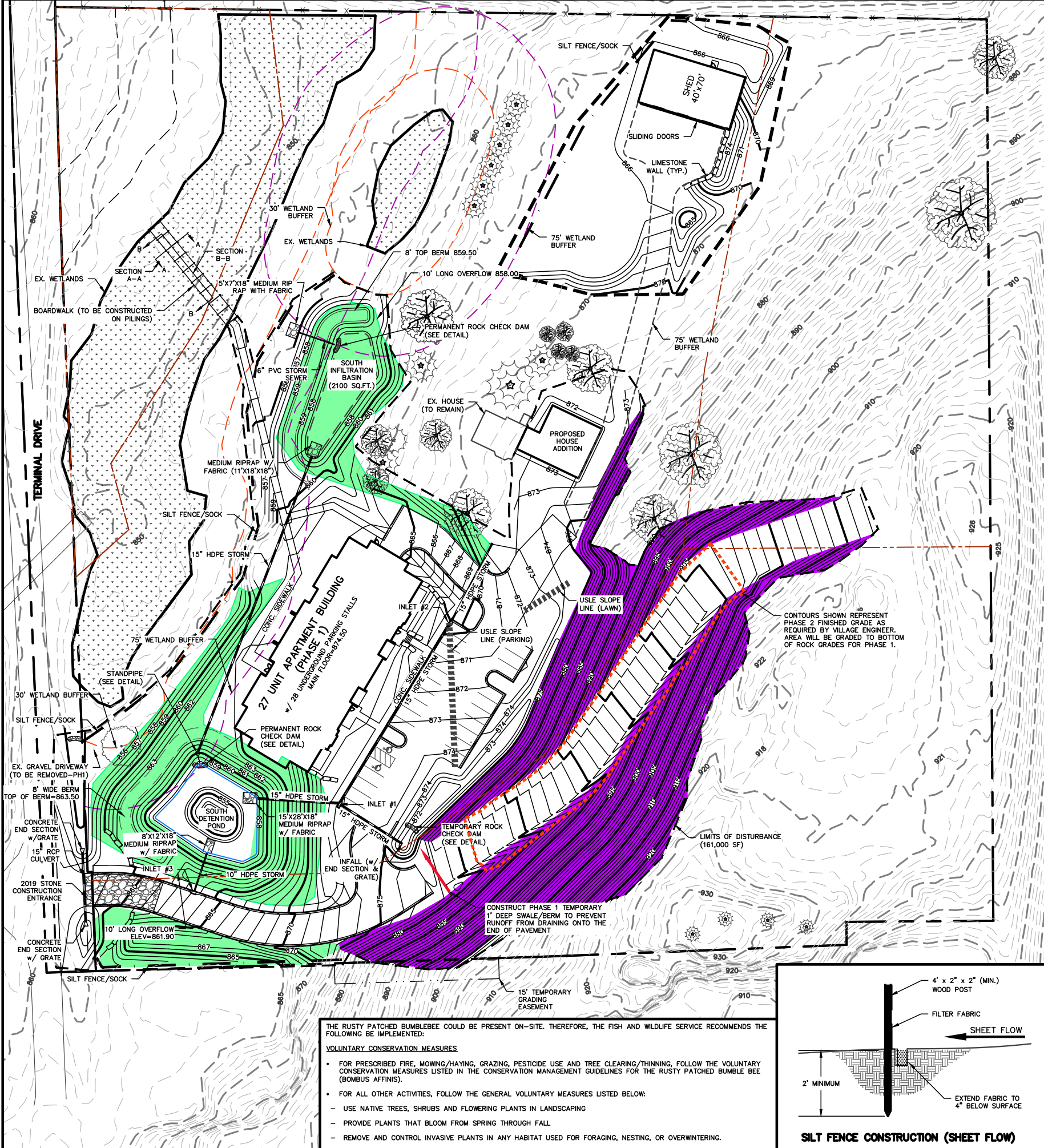
(A) = 18" ACCEPT CONCRETE CURB & GUTTER
(R) = 18" REJECT CONCRETE CURB & GUTTER

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WS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

0 20 40

4703 TERMINAL DRIVE
PHASE 1 APARTMENTS SITE PLAN
C-3
DATED: MAY 10, 2019

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CLASS 1 - TYPE B EROSION MATTING
(SLOPES GREATER THAN 5:1 AND UP TO 3:1)

CLASS 2 - TYPE B EROSION MATTING
(SLOPES GREATER THAN 3:1)

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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1-800-242-8511
TOLL FREE

TDD(FOR THE HEARING IMPAIRED)(800)542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

EROSION NOTES:

THE STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. THE TRACKING PAD IS TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACK OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.

EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

CUT AND FILL SLOPES SHALL BE NO GREATER THAN 2:1.

EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

TIME SCHEDULE:

PHASE 1
JULY 15 - 30, 2019
AUGUST 1 - 3, 2019
AUGUST 4 - 15, 2019
AUGUST 16 - SEPTEMBER 15, 2019
SEPTEMBER 1, 2019 - MAY 14, 2020
APRIL 1 - MAY 14, 2020
MAY 1 - 14, 2020

REMOVE EXISTING BUILDINGS, CLEAR UNDERBRUSH, REMOVE TREES AS DIRECTED BY THE ENGINEER, AND BURN MATERIALS IN VILLAGE APPROVED BURN AREAS.

CONSTRUCT SOUTH DETENTION POND AND ROUGH GRADE SOUTH INFILTRATION BASIN, RESTORE DISTURBED AREAS AND SIDE SLOPES OF POND.

GRADE REMAINDER OF PHASE 1 CONSTRUCTION SITE AND RESTORE DISTURBED AREAS.

INSTALL SANITARY SEWER, WATER MAIN, AND STORM SEWER.

CONSTRUCT APARTMENT BUILDING.

CONSTRUCT PARKING LOT, DRIVE AISLES, AND SIDEWALKS AND RESTORE REMAINING DISTURBED AREAS.

INSTALL LANDSCAPING.

IN INFILTRATION AREA, REMOVE ACCUMULATED SEDIMENT, ADD 4" COMPOST AND SAND MIXTURE TO BOTTOM SURFACE, AND SEED THE BOTTOM OF THE BASIN.

RESTORATION NOTES:

ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE A MINIMUM OF SIX (6) INCHES OF TOPSOIL, SEED AND MULCH. ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE FERTILIZER EXCEPT NATIVE PLANTING AREAS. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. WET DETENTION NATIVE SEED MIXTURES SHALL BE USED FOR THE BOTTOM OF THE INFILTRATION BASINS. SEED MIXTURE 40 SHALL BE USED ON ALL OTHER DISTURBED AREAS EXCEPT SLOPES GREATER THAN 3:1. SLOPES GREATER THAN 3:1 SHALL BE RESTORED WITH A CAREFREE FINE FESCUE SEED MIXTURE. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX.

SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL CONSIST OF HAY OR STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE.

FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%.

OWNER:
ROBERT ANDERSON AND CAROLYN SIMPSON
4703 TERMINAL DRIVE
MCFARLAND, WI 53558

ENGINEER:
QUAM ENGINEERING, LLC
ATTN: RYAN QUAM
4604 SIGELKOW ROAD, SUITE A
MCFARLAND, WI 53558

STONE CONSTRUCTION ENTRANCE

1' MIN.
3"-4" CLEAR STONE

DNR PRESCRIPTIVE COMPLIANCE:
RESTORATION SHALL OCCUR WITHIN 90 DAYS OF INITIAL DISTURBANCE FOR SLOPES 20% OR GREATER.

INLET FILTER NOTE:
INSTALL FLEXSTORM PC INLET FILTERS IN ALL INLETS LOCATED IN PARKING AREAS.

BOARDWALK CROSS SECTIONS

SECTION A-A
4x4 RAILING SUPPORT POSTS EVERY 6' O.C. OVER WETLANDS EVERY 7' O.C. OVER STREAM
2X6 RAILING
2X4 RAILING
3" METAL RAILING
2.5" VERTICAL SPACING BETWEEN METAL
4" VERTICAL SPACING BETWEEN WOOD AND METAL
2X6 RAILING
RAMP (TYP.)
6-2X12 CROSS BEAM SUPPORT 12' O.C.
2X12 JOIST 6" O.C.
3' CLEARANCE FROM OHWM TO BOTTOM OF BOARDWALK
OHWM ELEVATION=849.47
PILE (TYP.) BE DETERMINED
64'

SECTION B-B
12'
2x12 JOISTS
6" O.C.
2 JOISTS ON ENDS
6-2X6 CROSS BEAM SUPPORTS
12' O.C.
GROUND LEVEL

INFILTRATION BASIN CONSTRUCTION SHALL CONFORM TO WISCONSIN DNR TECHNICAL STANDARD #1003

EMERGENCY OVERFLOW ELEV=861.90
8' WIDE BERM EL=863.50
36" RCP STAND PIPE W/ HAALA INDUSTRIES TRASH RACK OR EQUAL RIM=860.00; IE=857.50
4" PIPE IE=857.50
100-YEAR WATER ELEV=858.80
PERMANENT POOL EL=857.50
15" HDPE STORM SEWER
INSTALL 4" SAND & COMPOST MIXTURE
INSTALL SAND PER DNR TECHNICAL STANDARD
CONNECT TO NATIVE SANDY SOILS

SOUTH WET DETENTION POND/ SOUTH INFILTRATION BASIN CROSS SECTION

TO PREVENT COMPACTION OF SUBSOILS, CONTRACTOR SHALL PROTECT AGAINST MACHINERY ENTERING OR COMPACTION THE INFILTRATION AREA.

6" THICK LAYER OF 2" WASHED STONE
6" WASHED STONE

4703 TERMINAL DRIVE
PHASE 1 GRADING AND EROSION CONTROL PLAN
C-4.1
DATED: MAY 13, 2019

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THE RUSTY PATCHED BUMBLEBEE COULD BE PRESENT ON-SITE. THEREFORE, THE FISH AND WILDLIFE SERVICE RECOMMENDS THE FOLLOWING BE IMPLEMENTED:

VOLUNTARY CONSERVATION MEASURES

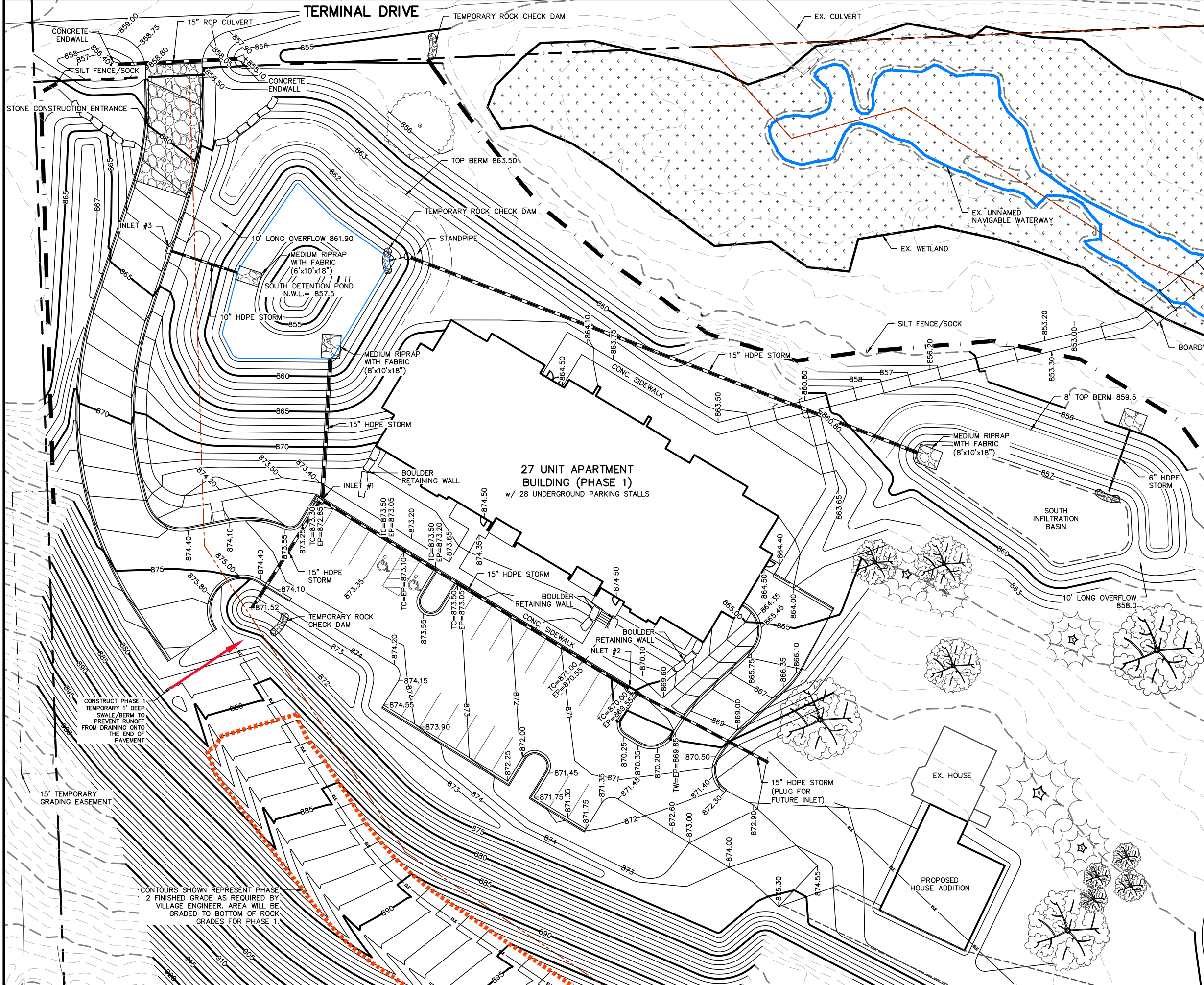
- FOR PRESCRIBED FIRE, MOWING/HAYING, GRAZING, PESTICIDE USE AND TREE CLEARING/THINNING, FOLLOW THE VOLUNTARY CONSERVATION MEASURES LISTED IN THE CONSERVATION MANAGEMENT GUIDELINES FOR THE RUSTY PATCHED BUMBLE BEE (BOMBUS AFFINIS).
- FOR ALL OTHER ACTIVITIES, FOLLOW THE GENERAL VOLUNTARY MEASURES LISTED BELOW:
 - USE NATIVE TREES, SHRUBS AND FLOWERING PLANTS IN LANDSCAPING
 - PROVIDE PLANTS THAT BLOOM FROM SPRING THROUGH FALL
 - REMOVE AND CONTROL INVASIVE PLANTS IN ANY HABITAT USED FOR FORAGING, NESTING, OR OVERWINTERING.

SILT FENCE CONSTRUCTION (SHEET FLOW)

4' x 2" x 2" (MIN.) WOOD POST
FILTER FABRIC
SHEET FLOW
2' MINIMUM
EXTEND FABRIC TO 4" BELOW SURFACE

ROCK CHECK DAM DETAIL

6" THICK LAYER OF 2" WASHED STONE
6" WASHED STONE



THE RUSTY PATCHED BUMBLEBEE COULD BE PRESENT ON-SITE. THEREFORE, THE FISH AND WILDLIFE SERVICE RECOMMENDS THE FOLLOWING BE IMPLEMENTED:

VOLUNTARY CONSERVATION MEASURES

- FOR PRESCRIBED FIRE, MOWING/HAYING, GRAZING, PESTICIDE USE AND TREE CLEARING/THINNING, FOLLOW THE VOLUNTARY CONSERVATION MEASURES LISTED IN THE CONSERVATION MANAGEMENT GUIDELINES FOR THE RUSTY PATCHED BUMBLE BEE (BOMBUS AFFINIS).
- FOR ALL OTHER ACTIVITIES, FOLLOW THE GENERAL VOLUNTARY MEASURES LISTED BELOW:
 - USE NATIVE TREES, SHRUBS AND FLOWERING PLANTS IN LANDSCAPING
 - PROVIDE PLANTS THAT BLOOM FROM SPRING THROUGH FALL
 - REMOVE AND CONTROL INVASIVE PLANTS IN ANY HABITAT USED FOR FORAGING, NESTING, OR OVERWINTERING.

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TOLL FREE

TDD(FOR THE HEARING IMPAIRED)(800)542-2289

WS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

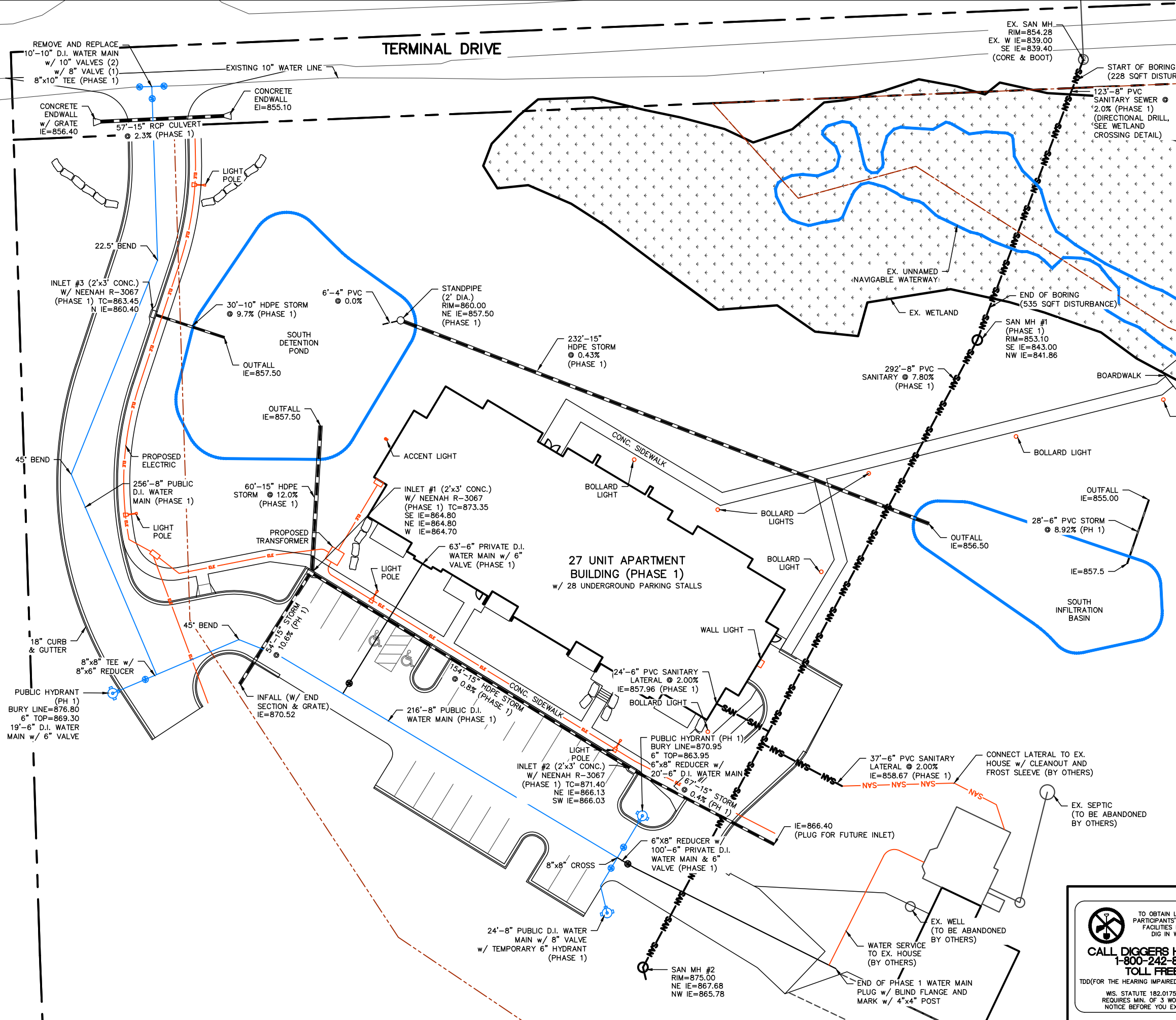


4703 TERMINAL DRIVE
APARTMENTS GRADING AND EROSION CONTROL PLAN
C-4.2
DATED: MAY 13, 2019

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Residential and Commercial Site Design Consultants

 www.quamengineering.com

4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752



NOTES:

- BURIED UNDERGROUND EXTERIOR NON-METALLIC SANITARY AND STORM SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORDANCE WITH 182.0715(2r) OF THE WISCONSIN STATUTES.
- GRATES SHALL BE REQUIRED ON HORIZONTAL INLETS GREATER THAN 6 INCHES IN DIAMETER. THE GRATES SHALL BE PLACED SO THAT THE RODS OR BARS ARE NOT MORE THAN 3 INCHES DOWNSTREAM OF THE INLET. RODS OR BARS SHALL BE SPACED SO THAT THE OPENINGS DO NOT PERMIT THE PASSAGE OF A 6-INCH SPHERE.

DIRECTIONAL DRILLING/WETLAND CROSSING DETAIL

SAN MH #1 RIM=853.10 NW IE=841.86

EX. SAN MH RIM=854.28 SE IE=839.40

EX. GROUND

OHWM EL=849.47

EX. WATERWAY BOTTOM EL=847.27

PRO. 8" SANITARY SEWER

0+00.00 0+40.00 0+80.00 1+20.00

0 20 40

4703 TERMINAL DRIVE
PHASE 1 APARTMENTS UTILITY PLAN
C-5
DATED: MAY 13, 2019

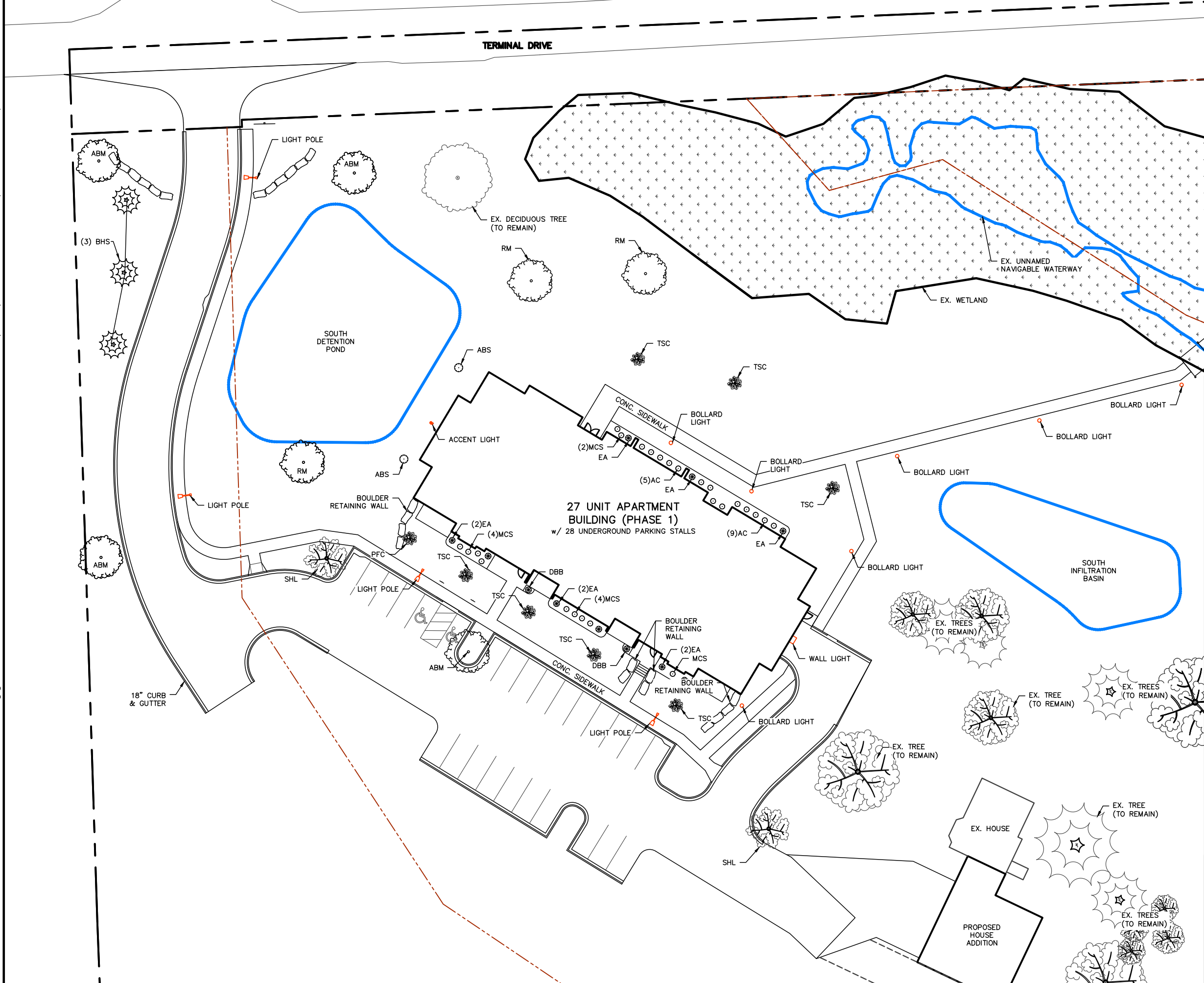
QUAM ENGINEERING, LLC
Residential and Commercial Site Design Consultants
www.quamengineering.com
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TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



APARTMENT BUILDING PHASE 1 LANDSCAPE PLANT LIST						
KEY	QUANTITY	SIZE	COMMON NAME	ROOT	UNIT POINTS	TOTAL POINTS
Large Deciduous Trees						
ABM	7		Autumn Blaze Maple	BB	40	280
RM	4	2"	Red Maple	BB		
Medium Deciduous Trees						
SHL	2	1 1/2"	Skyline Honey Locust	BB	25	50
Small Deciduous Trees						
PFC	14	1 1/2"	Prairie Fire Crab	BB	15	210
TSC	7	1 1/2"	Tina Sergeant Crab	BB		
Medium Evergreen Trees						
BHS	3	4'	Black Hill Spruce	BB	20	60
Tall Deciduous Shrubs						
ABS	2	5'	Autumn Brilliance Serviceberry	BB	5	10
Medium Deciduous Shrubs						
DBB	2	24"	Dwarf Burning Bush	Pot	3	6
Low Deciduous Shrubs						
MCS	29	18"	Magic Carpet Spirea		1	29
AC	14	18"	Alpine Currant			
Medium Evergreen Shrub						
EA	9	4'	Emerald Arborvitae	BB	5	45
Total Landscape Points Provided						690
Phase 1 Apartments Points Required						
				Quantities	Points Required	
Lineal Feet of building foundation				566	226	
Square Feet of gross floor area of building footprints				22617	226	
Square Feet of Paved area				16909	135	
				Total Points Required	588	

(Ord. No. 2011-06, S1, 5-23-2011)
1. 40 points per 100 lineal feet of building foundation
2. 10 points per 1000 square feet of gross floor area of building footprints
3. 80 points per 10,000 square feet of paved area

0 20 40

4703 TERMINAL DRIVE
PHASE 1 APARTMENTS LANDSCAPE AND LIGHTING PLAN
C-6
DATED: MAY 13, 2019

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VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action to make a recommendation to the Plan Commission regarding a proposed Certified Survey Map as part of the redevelopment of 4703 Terminal Drive by Ryan Quam.

PREVIOUS ACTION:

ISSUE SUMMARY:

The CSM for this property shows the proposed easements as laid out. The watermain easement is now a public easement. Sanitary and storm sewer easements remain private. At the time of this writing, Town & Country Engineering is reviewing the CSM for completeness and accuracy.

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. 2-Certified Survey Map_5-13-19

PRELIMINARY

CERTIFIED SURVEY MAP #

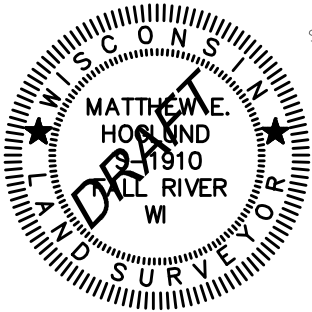
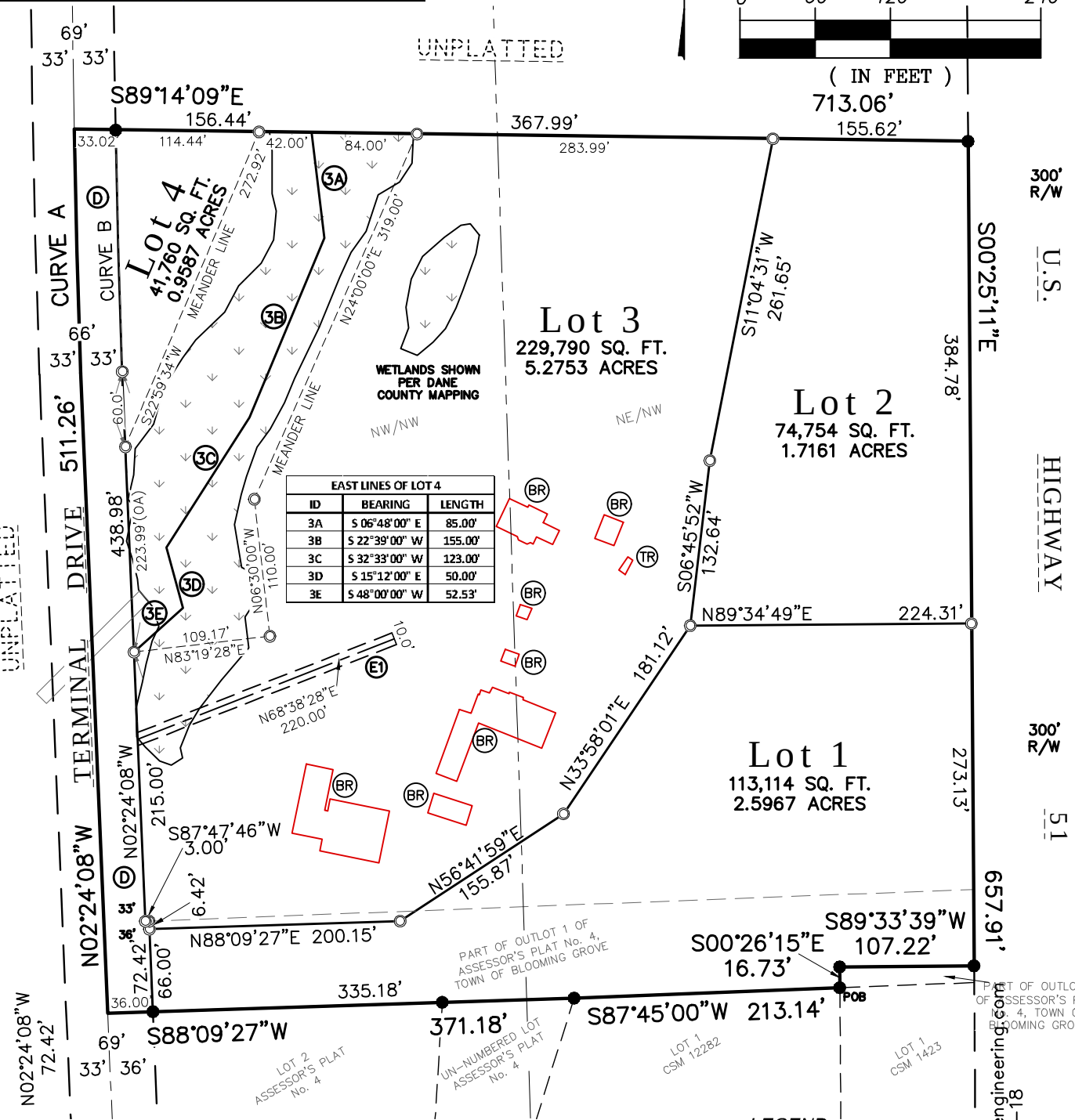
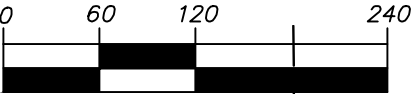
PART OF OUTLOT 1, ASSESSOR'S PLAT No. 4, TOWN OF BLOOMING GROVE IN THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4, OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF McFARLAND, COUNTY OF DANE, STATE OF WISCONSIN.

LABEL	WIDTH	EASEMENT	DOCUMENT No.	RECORDED
E1	10'	R-O-W GRANT - UE	1976747	11/10/1986

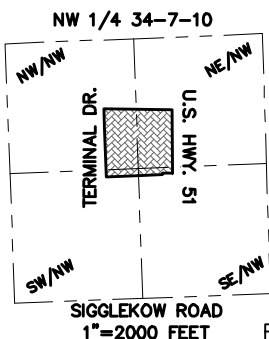
CURVE	LENGTH	RADIUS	CHD BEARING	CHD LENGTH
A	194.52'	11459.16'	N 01°34'20" W	194.52'
B	192.90'	11426.16'	N 01°34'30" W	192.89'

BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. THE NORTH LINE OF CSM 12282 BEARS SOUTH 87°45'00" WEST.

GRAPHIC SCALE



VICINITY MAP



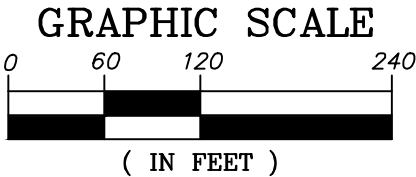
- LEGEND
- 1" IRON PIPE FOUND
 - ⊙ SET 3/4" x 24" REBAR WEIGHING 1 LBS/FOOT
 - ⓓ DEDICATED TO THE PUBLIC FOR ROAD PURPOSES. 23,483 SQ. FT. - 0.5391 ACRES
 - Ⓡ BUILDING TO BE RAZED
 - Ⓣ UNDERGROUND TANK TO BE REMOVED

QUAM ENGINEERING, LLC

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Project # RQ-05-17 Date: 12/26/18

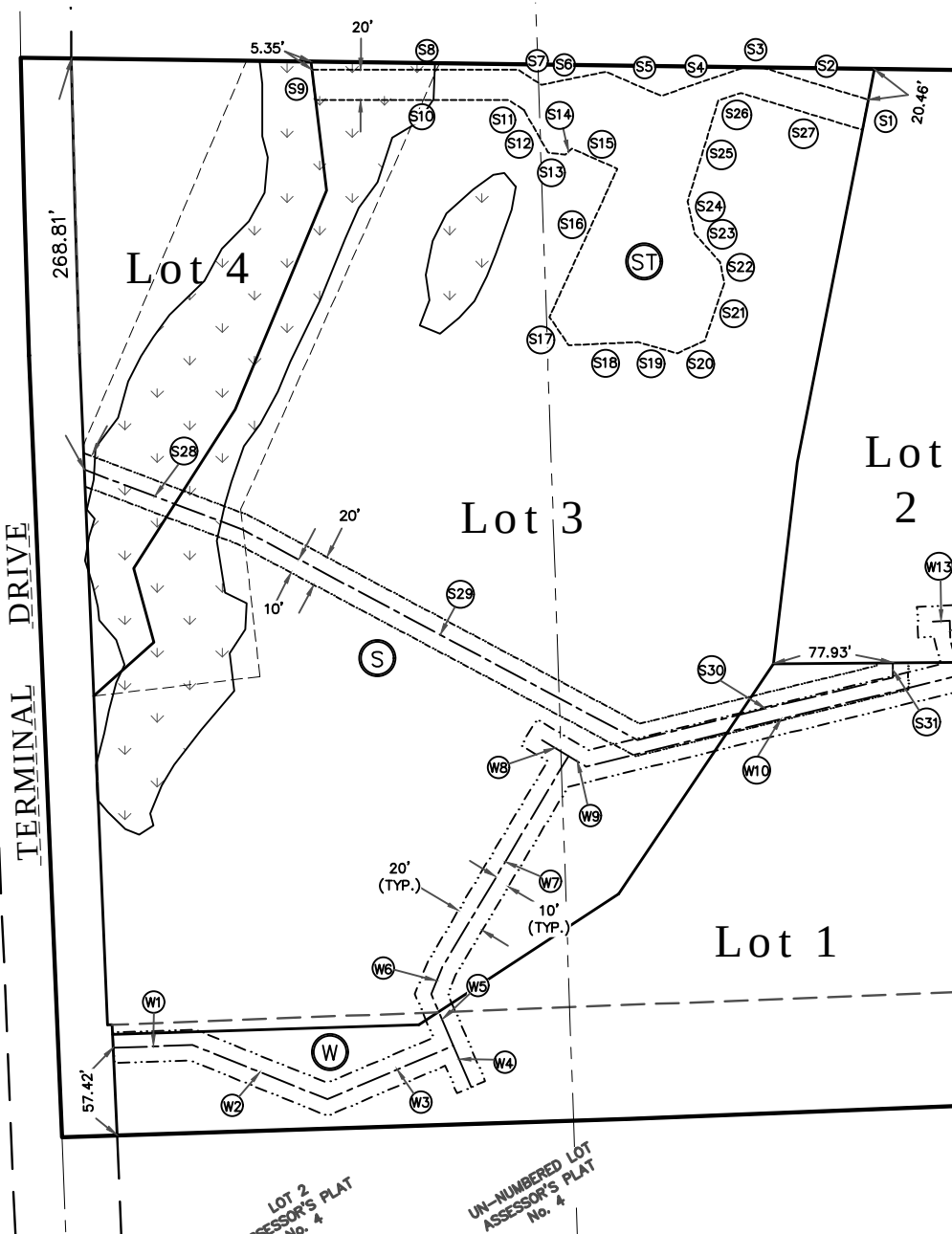
CERTIFIED SURVEY MAP # _____

PART OF OUTLOT 1, ASSESSOR'S PLAT No. 4, TOWN OF BLOOMING GROVE IN THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4, OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF MCFARLAND, COUNTY OF DANE, STATE OF WISCONSIN.



UNPLATTED LANDS

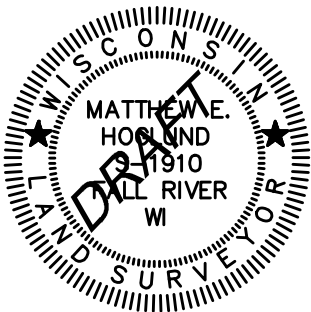
PRELIMINARY



NORTH STORM EASEMENT		
ID	BEARING	LENGTH
S1	N 11°04'31" E	20.10'
S2	N 73°08'12" W	135.50'
S3	N 89°14'09" W	11.08'
S4	S 71°06'39" W	57.90'
S5	N°66'12'06" W	39.19'
S6	S 78°35'21" W	43.24'
S7	N 56°56'13" W	18.25'
S8	S 90°00'00" W	134.52'
S9	S 06°48'00" E	20.14'
S10	S 90°00'00" E	126.20'
S11	S 56°56'13" E	11.76'
S12	S 29°41'04" E	31.96'
S13	S 82°38'06" E	11.32'
S14	N 45°28'54" E	5.81'
S15	S 66°12'06" E	32.63'
S16	S 24°35'35" W	106.54'
S17	S 33°57'56" E	22.22'
S18	N°87'28'32" E	45.46'
S19	S 74°07'23" E	26.70'
S20	N 65°10'08" E	19.97'
S21	N 18°33'52" E	39.59'
S22	N 11°42'59" W	14.07'
S23	N 41°59'49" W	24.59'
S24	N 12°34'00" W	21.62'
S25	N 16°51'48" E	68.92'
S26	N 71°06'39" E	15.46'
S27	S 73°08'12" E	83.11'

20' WATERMAIN EASEMENT		
CENTERLINE DIMENSIONS		
ID	BEARING	LENGTH
W1	N 88°06'08" E	51.88'
W2	S 68°03'17" E	94.82'
W3	N 66°56'43" E	89.43'
W4	S 23°03'17" E	19.56'
W5	N 23°03'17" W	36.76'
W6	N 21°56'43" E	18.21'
W7	N 30°51'56" E	161.37'
W8	N 59°07'41" W	20.06'
W9	S 59°07'16" E	13.49'
W10	N 76°15'47" E	250.64'
W11	N 13°44'13" W	23.00'
W12	N 02°29'13" W	13.38'
W13	S 87°30'47" W	11.01'

20' SANITARY EASEMENT		
CENTERLINE DIMENSIONS		
ID	BEARING	LENGTH
S28	S 69°17'08" E	110.64'
S29	S 61°56'57" E	291.94'
S30	N 76°15'47" E	171.78'
S31	N 00°25'11" W	9.53'



- (W) 20' WIDE PUBLIC EASEMENT FOR WATERMAIN PURPOSES BENEFITING LOTS 1, 2, 3, AND 4 HEREOF.
- (S) 20' WIDE NON-EXCLUSIVE PRIVATE EASEMENT FOR SANITARY SEWER PURPOSES BENEFITING LOTS 1, 2, AND 3 HEREOF.
- (ST) VARIABLE WIDTH NON-EXCLUSIVE PRIVATE EASEMENT FOR STORMWATER MANAGEMENT PURPOSES BENEFITING LOT 2 HEREOF.

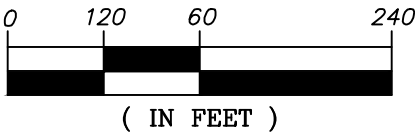
QUAM ENGINEERING, LLC
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Project # RQ-05-17 Date: 12/26/18

Rev. 5/13/19

CERTIFIED SURVEY MAP #

PART OF OUTLOT 1, ASSESSOR'S PLAT No. 4, TOWN OF BLOOMING GROVE IN THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4, OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF MCFARLAND, COUNTY OF DANE, STATE OF WISCONSIN.

GRAPHIC SCALE

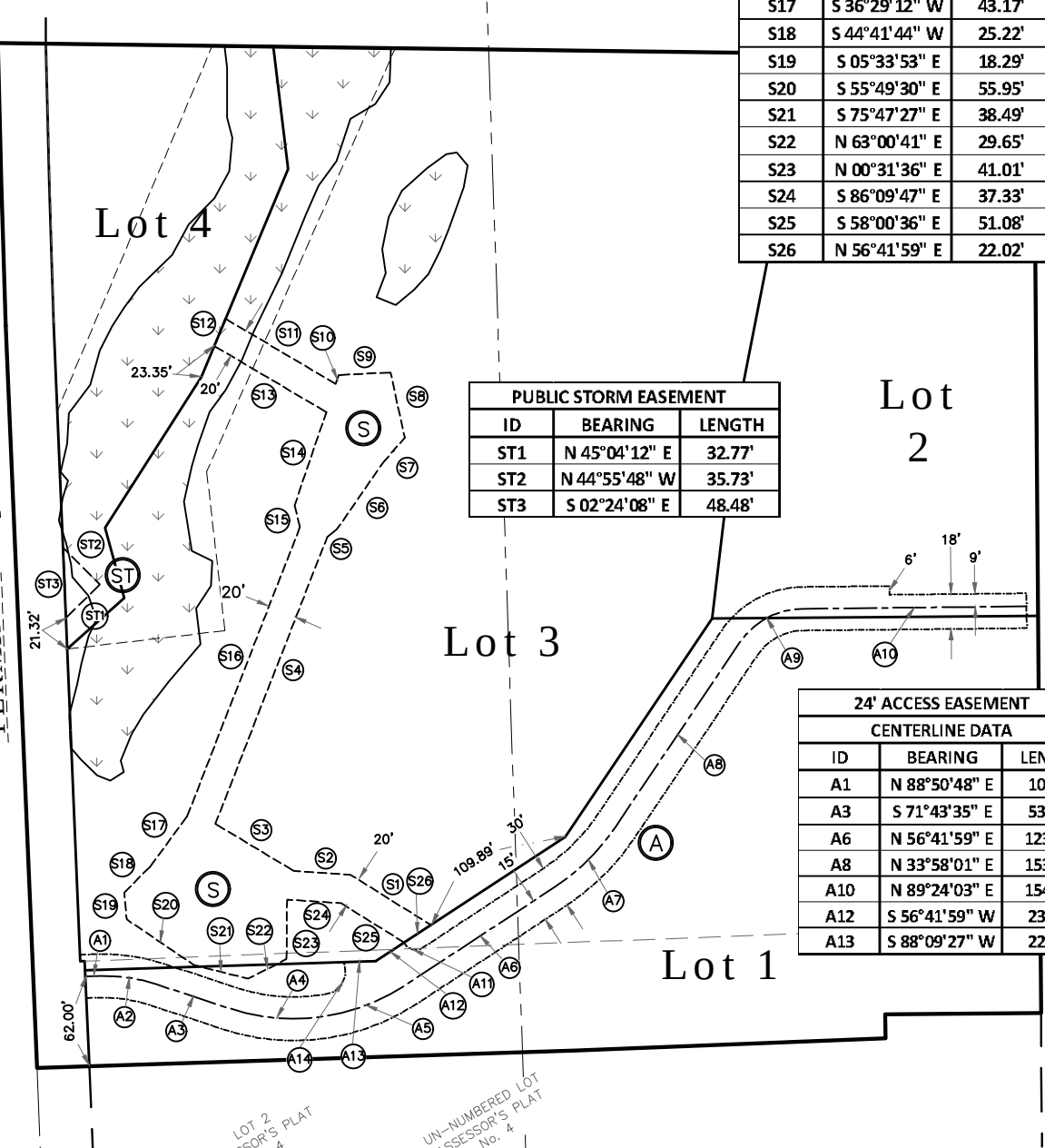


UNPLATTED LANDS

SOUTH STORM EASEMENT		
ID	BEARING	LENGTH
S1	N 58°00'36" W	65.29'
S2	N 86°09'47" W	39.11'
S3	N 59°03'32" W	62.86'
S4	N 21°18'54" E	210.95'
S5	N 52°01'12" E	8.10'
S6	N 34°48'22" E	57.17'
S7	N 41°08'52" E	21.70'
S8	N 12°07'49" W	45.93'
S9	S 87°11'26" W	35.70'
S10	S 18°46'07" W	6.53'
S11	N 59°22'26" W	88.20'
S12	S 22°39'00" W	20.20'
S13	S 59°22'26" E	89.60'
S14	S 18°46'07" W	67.79'
S15	S 14°14'30" E	15.22'
S16	S 21°18'44" W	213.74'
S17	S 36°29'12" W	43.17'
S18	S 44°41'44" W	25.22'
S19	S 05°33'53" E	18.29'
S20	S 55°49'30" E	55.95'
S21	S 75°47'27" E	38.49'
S22	N 63°00'41" E	29.65'
S23	N 00°31'36" E	41.01'
S24	S 86°09'47" E	37.33'
S25	S 58°00'36" E	51.08'
S26	N 56°41'59" E	22.02'



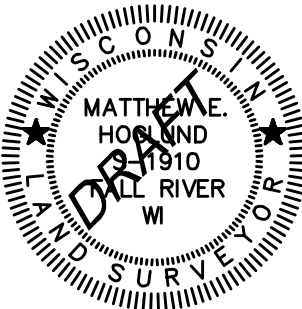
TERMINAL DRIVE



PUBLIC STORM EASEMENT		
ID	BEARING	LENGTH
ST1	N 45°04'12" E	32.77'
ST2	N 44°55'48" W	35.73'
ST3	S 02°24'08" E	48.48'

24' ACCESS EASEMENT		
CENTERLINE DATA		
ID	BEARING	LENGTH
A1	N 88°50'48" E	10.43'
A3	S 71°43'35" E	53.25'
A6	N 56°41'59" E	123.77'
A8	N 33°58'01" E	153.39'
A10	N 89°24'03" E	154.31'
A12	S 56°41'59" W	23.41'
A13	S 88°09'27" W	22.46'

24' ACCESS EASEMENT				
CENTERLINE CURVE DATA				
ID	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
A2	114.50'	38.82'	S 81°26'23" E	38.64'
A4	139.50'	65.62'	S 85°12'08" E	65.02'
A5	139.50'	59.95'	N 69°00'39" E	59.49'
A7	147.50'	58.52'	N 45°20'00" E	58.14'
A9	52.50'	50.79'	N 61°41'02" E	48.84'
A11	8.56'	15.64'	N 75°45'15" W	13.55'
A14	15.69'	28.09'	S 27°00'00" W	24.49'



- (A) 30' WIDE NON-EXCLUSIVE PRIVATE EASEMENT FOR INGRESS AND EGRESS PURPOSES BENEFITING LOTS 1, 2, AND 3 HEREOF.
- (S) VARIABLE WIDTH NON-EXCLUSIVE PRIVATE EASEMENT FOR STORMWATER MANAGEMENT PURPOSES BENEFITING LOT 1 HEREOF.
- (ST) VARIABLE WIDTH PUBLIC EASEMENT FOR STORMWATER MANAGEMENT PURPOSES BENEFITING LOT 3 HEREOF.

QUAM ENGINEERING, LLC
122 WISCONSIN ST., WEST BEND WI, 53095
262-338-6641 www.quamengineering.com
Project # RQ-05-17 Date: 12/26/18

CERTIFIED SURVEY MAP # _____

PART OF OUTLOT 1, ASSESSOR'S PLAT No. 4, TOWN OF BLOOMING GROVE IN THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4, OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF McFARLAND, COUNTY OF DANE, STATE OF WISCONSIN.

SURVEYOR'S CERTIFICATE

I, MATTHEW E. HOGLUND, PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT I HAVE SURVEYED, DIVIDED, AND MAPPED THE FOLLOWING LAND AS DIRECTED BY THE OWNERS, ROBERT ANDERSON AND CAROLYN SIMPSON:

THAT PART OF OUTLOT 1 OF ASSESSOR'S PLAT NO. 4, TOWN OF BLOOMING GROVE, IN THE VILLAGE OF McFARLAND, OF THE NORTHWEST 1/4 OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF McFARLAND, COUNTY OF DANE, STATE OF WISCONSIN, LYING BETWEEN THE CENTERLINE OF TERMINAL DRIVE AND THE WEST RIGHT-OF-WAY LINE OF RELOCATED U.S. HIGHWAY NO. 51, EXCEPT THAT PART THEREOF CONVEYED BY WARRANTY DEED RECORDED IN VOLUME 694 OF DEEDS, PAGE 473, AS DOCUMENT NO. 981101, FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF LOT 1 OF CERTIFIED SURVEY MAP 12262, SAID CORNER ALSO BEING THE POINT OF BEGINNING OF THIS DESCRIPTION;
THENCE SOUTH 87°45'00" WEST, 213.14 FEET, ALONG THE NORTH LINE OF SAID CERTIFIED SURVEY MAP TO THE NORTHWEST CORNER OF SAID CERTIFIED SURVEY MAP,
THENCE SOUTH 88°09'27" WEST, 371.18 FEET, ALONG THE SOUTH LINE OF OUTLOT 1 OF ASSESSOR'S PLAT NO. 4, TOWN OF BLOOMING GROVE, TO THE CENTERLINE OF TERMINAL DRIVE,
THENCE NORTH 02°24'08" WEST, 511.26 FEET, ALONG SAID CENTERLINE,
THENCE ALONG SAID CENTERLINE BEING THE ARC OF A CURVE BEARING TO THE RIGHT 194.52 FEET, WITH A RADIUS OF 11459.16 FEET, AND A CHORD BEARING AND LENGTH OF NORTH 01°34'20" WEST, 194.52 FEET;
THENCE SOUTH 89°14'09" EAST, 713.06 FEET, TO THE WEST RIGHT-OF-WAY LINE OF RELOCATED U.S. HIGHWAY NO. 51;
THENCE SOUTH 00°25'11" EAST, 657.91 FEET, ALONG SAID WEST LINE,
THENCE SOUTH 89°33'39" WEST, 107.22 FEET;
THENCE SOUTH 00°26'15" EAST, 16.73 FEET, TO THE POINT OF BEGINNING.

CONTAINING 482,902 SQUARE FEET // 11.0859 ACRES, MORE OR LESS, AND SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.

I FURTHER CERTIFY THAT THE MAP PREPARED IS A CORRECT REPRESENTATION OF ALL EXTERIOR BOUNDARIES AS SHOWN AND THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236.34 OF THE WISCONSIN STATUTES, AND THE VILLAGE OF McFARLAND MUNICIPAL CODE.

MATTHEW E. HOGLUND, PLS 1910

OWNER'S CERTIFICATE

AS OWNERS, ROBERT ANDERSON AND CAROLYN SIMPSON DO HEREBY CERTIFY THAT THEY HAVE CAUSED THE LAND DESCRIBED TO BE SURVEYED, DIVIDED, DEDICATED, AND MAPPED AS REPRESENTED ON THIS PLAT IN ACCORDANCE WITH WISCONSIN STATUTES 236.34 AND THE VILLAGE OF MCFARLAND REQUIREMENTS FOR CERTIFIED SURVEY MAPS.

STATE OF WISCONSIN

:SS

COUNTY

PERSONALLY CAME BEFORE ME THIS DAY OF , 2019,

AND TO ME KNOWN AS THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED SAME.

MY COMMISSION EXPIRES:

NOTARY PUBLIC, STATE OF WISCONSIN

QUAM ENGINEERING, LLC

122 WISCONSIN ST., WEST BEND WI, 53095
262-338-6641 www.quamengineering.com
Project # RQ-05-17 Date: 12/26/18

CERTIFIED SURVEY MAP # _____

**PART OF OUTLOT 1, ASSESSOR'S PLAT No. 4, TOWN OF
BLOOMING GROVE IN THE SOUTHEAST 1/4 AND THE
SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND PART OF THE
NORTH 1/2 OF THE NORTHWEST 1/4, OF SECTION 34,
TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF
McFARLAND, COUNTY OF DANE, STATE OF WISCONSIN.**

VILLAGE OF McFARLAND PLAN COMMISSION APPROVAL

THIS LAND DIVISION IS HEREBY APPROVED BY THE PLAN COMMISSION OF THE VILLAGE OF McFARLAND ON THIS
_____ DAY OF _____, 2019.

CASSANDRA SUETTINGER, CLERK, VILLAGE OF McFARLAND

VILLAGE OF McFARLAND BOARD APPROVAL

THIS LAND DIVISION IS HEREBY APPROVED BY THE VILLAGE BOARD OF THE VILLAGE OF McFARLAND ON THIS
_____ DAY OF _____, 2019.

CASSANDRA SUETTINGER, CLERK, VILLAGE OF McFARLAND

REGISTER OF DEEDS CERTIFICATE

RECEIVED FOR RECORDING THIS _____ DAY OF _____, 2019
AT _____ O'CLOCK _____ M, AND RECORDED IN VOLUME _____ OF CERTIFIED SURVEY MAPS OF
DANE COUNTY ON PAGES _____
CERTIFIED SURVEY MAP No. _____ DOCUMENT No. _____

KRISTI CHLEBOWSKI, DANE COUNTY REGISTER OF DEEDS

QUAM ENGINEERING, LLC

122 WISCONSIN ST., WEST BEND WI, 53095
262-338-6641 www.quamengineering.com
Project # RQ-05-17 Date: 12/26/18



VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action regarding utility plan approval for Phase 8 of Juniper Ridge Subdivision by Veridian Homes.

PREVIOUS ACTION:

ISSUE SUMMARY:

The utility plans for Phase 8 of the Juniper Ridge Subdivision have been reviewed by Town & Country Engineering along with village staff. The uniqueness of this phase is that it incorporates a watermain loop that ties the Juniper Ridge and the Prairie Place subdivisions together to make a stronger, more redundant water system, that would be otherwise delayed. This is the utilities committee's opportunity to look over the plans and express any concerns with this layout. Once approved by the committee, a letter will be sent to the DNR stating the villages support of this extension.

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. JR8 Plans 2019.05.08

JUNIPER RIDGE - PHASE 8

VILLAGE OF MCFARLAND DANE COUNTY, WISCONSIN



PROJECT LOCATION

Sheet List Table	
Sheet Number	Sheet Title
1 OF 16	COVER
2 OF 16	OVERALL GRADING PLAN
3 OF 16	GRADING & EROSION CONTROL PLAN
4 OF 16	GRADING & EROSION CONTROL PLAN
5 OF 16	GRADING & EROSION CONTROL PLAN
6 OF 16	GRADING & EROSION CONTROL PLAN
7 OF 16	DETAILS
8 OF 16	DETAILS
9 OF 16	UTILITY SCHEMATIC
10 OF 16	EAST RED OAK TRAIL
11 OF 16	NORTH PENINSULA WAY
12 OF 16	NORTH PENINSULA WAY
13 OF 16	NORTH PENINSULA WAY
14 OF 16	WILD RYE COURT
15 OF 16	STORM SEWER
16 OF 16	INTERSECTION DETAILS



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7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

FN: 18-05-163

ISSUE DATE: 05/06/19

SHEET 1 OF 16



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COVER

JUNIPER RIDGE - PHASE 8

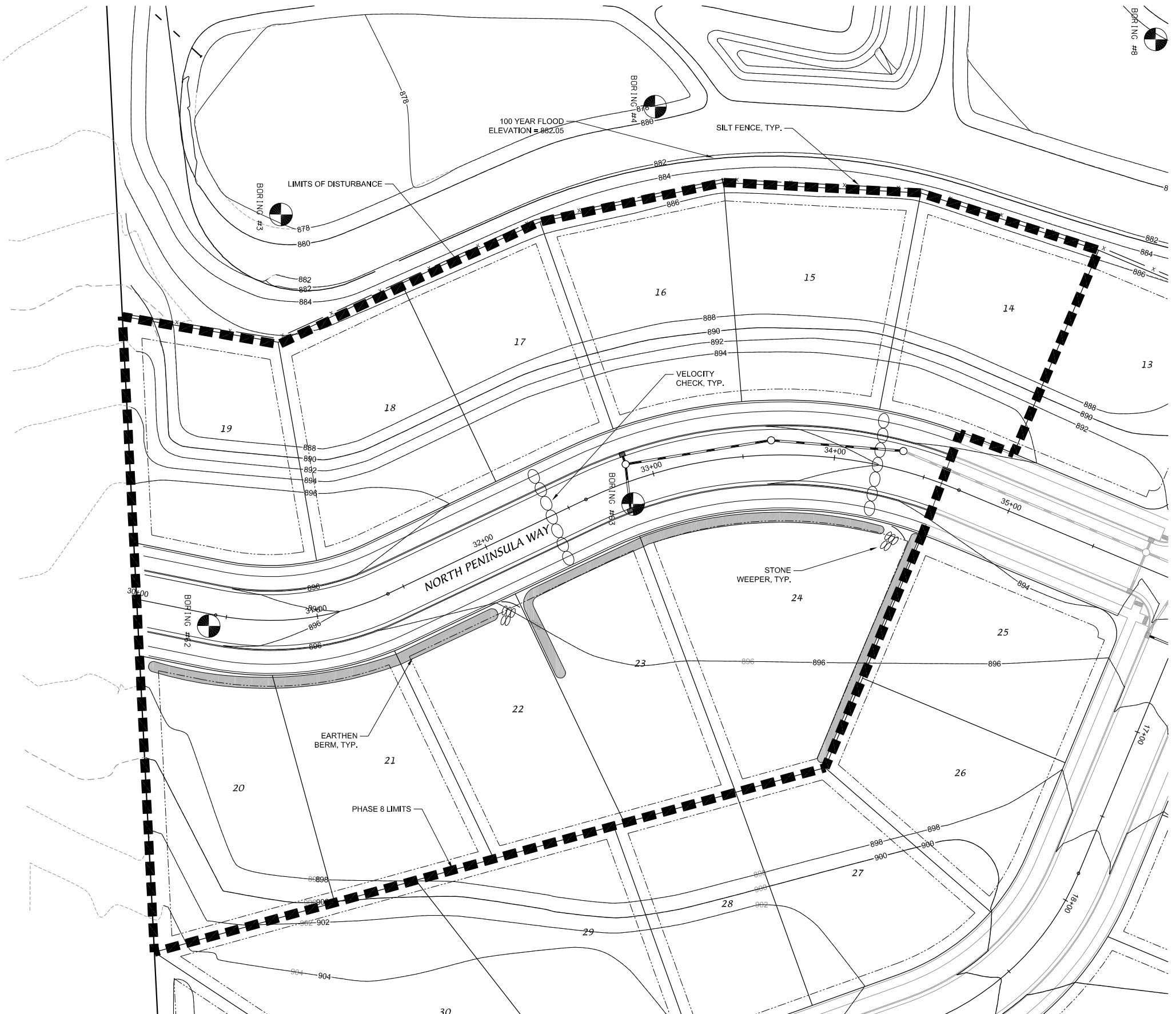
VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN

DATE: 03/22/19
REVISED:

DRAWN BY: KWB

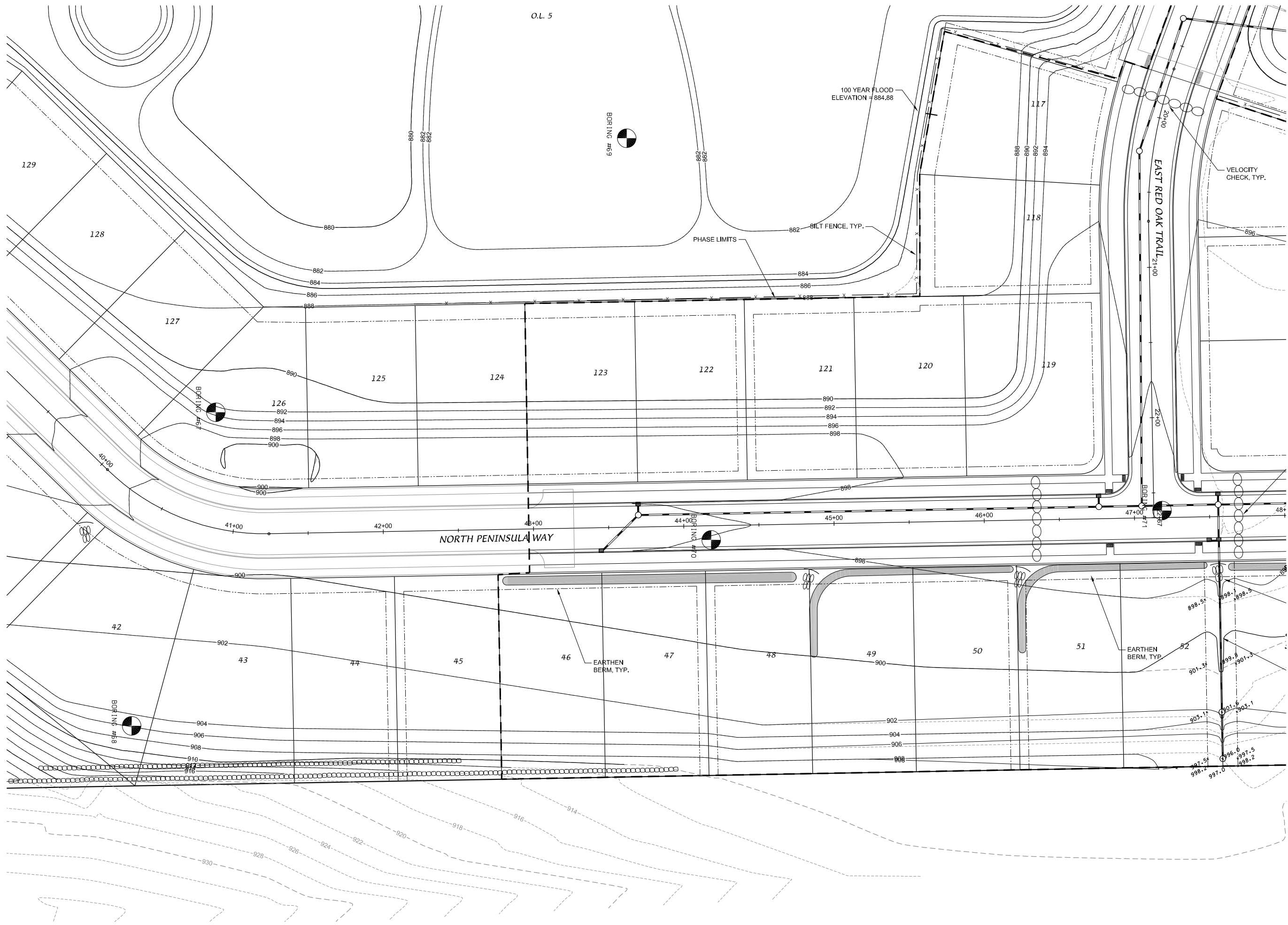
FN: 18-05-163

Sheet Number:
1 OF 16



GRADING & EROSION CONTROL PLAN
JUNIPER RIDGE - PHASE 8
VILLAGE OF MCFAIRLAND, DANE COUNTY, WISCONSIN


SCALE: 1" = 60'
(PAGE SIZE: 11x17)
0 30
DATE: 03/22/19
REVISED:
DRAWN BY: KWB
FN: 18-05-163
Sheet Number:
3 OF 16



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YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

GRADING & EROSION CONTROL PLAN
JUNIPER RIDGE - PHASE 8

VILLAGE OF MCARLAND, DANE COUNTY, WISCONSIN



SCALE: 1" = 60'
(PAGE SIZE: 11x17)

DATE: 03/22/19
REVISED:

DRAWN BY: KWB

FN: 18-05-163

Sheet Number:
4 OF 16



GRADING & EROSION CONTROL PLAN
JUNIPER RIDGE - PHASE 8

VILLAGE OF MCARLAND, DANE COUNTY, WISCONSIN



SCALE: 1" = 60'
(PAGE SIZE: 11x17)

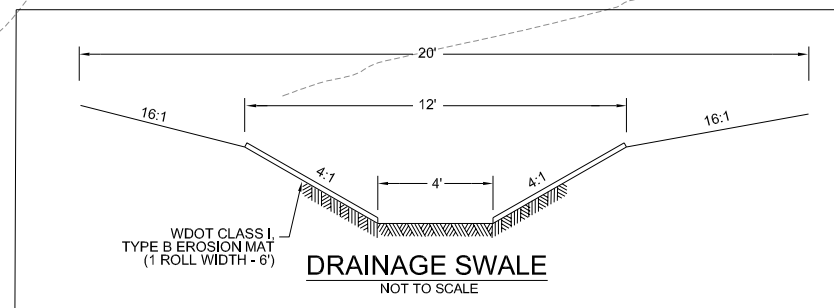
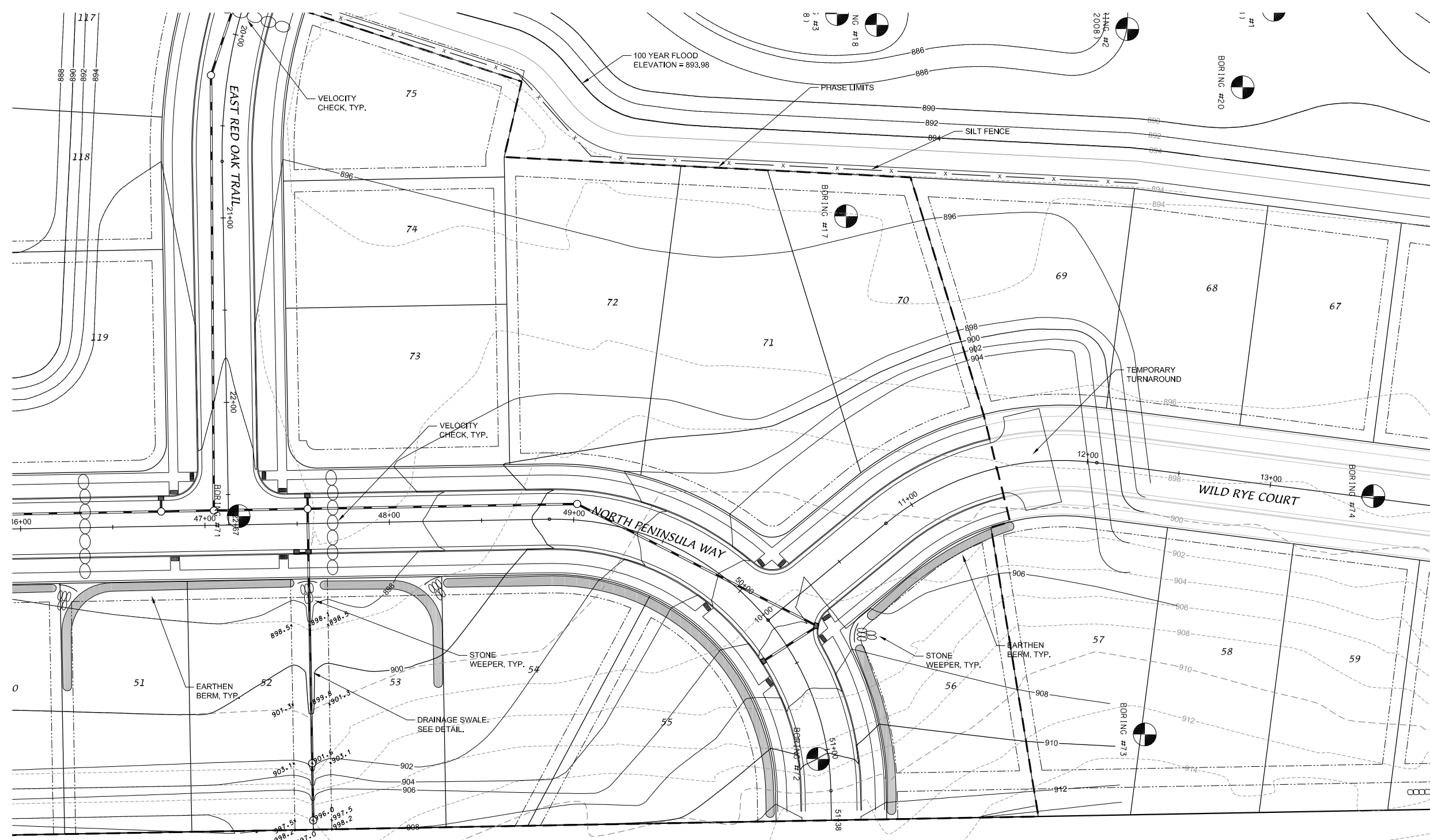


DATE: 03/22/19
REVISED:

DRAWN BY: KWB

FN: 18-05-163

Sheet Number:
5 OF 16



GRADING & EROSION CONTROL PLAN

JUNIPER RIDGE - PHASE 8

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YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT


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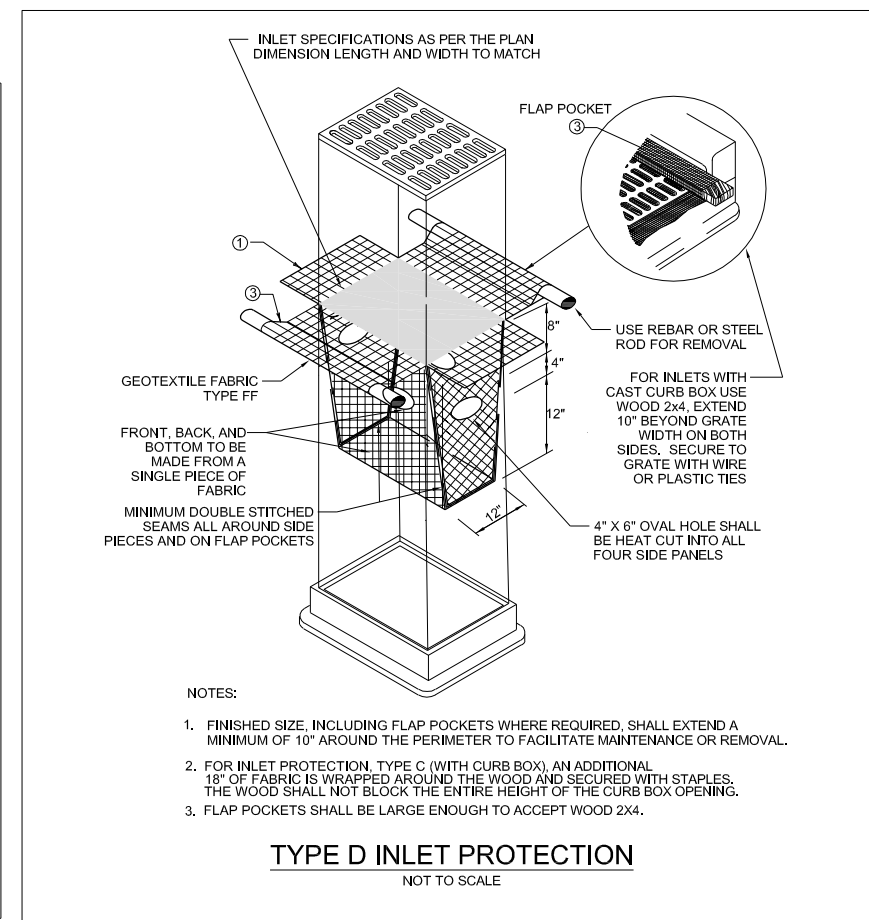
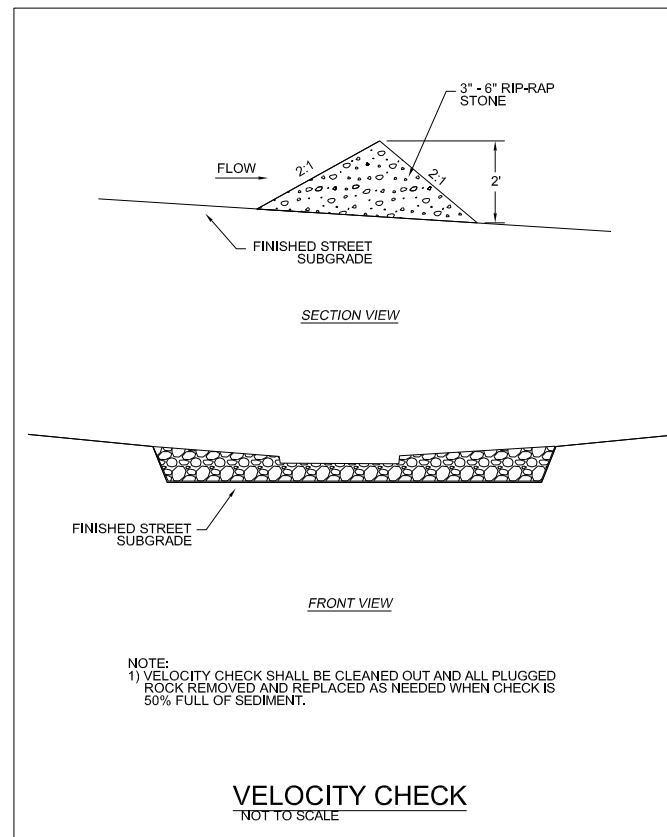
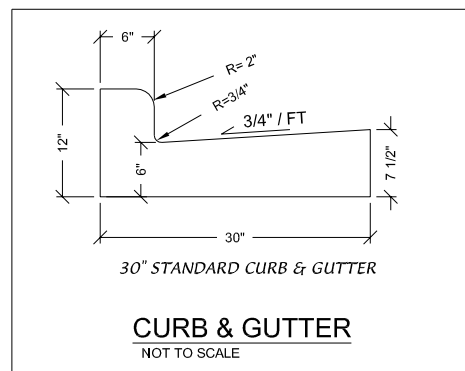
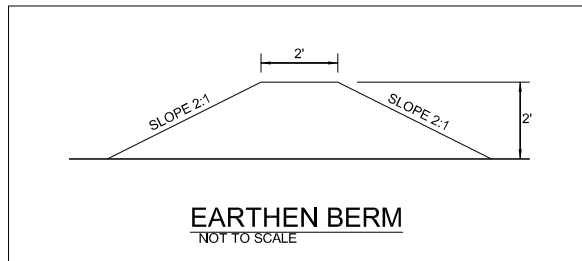
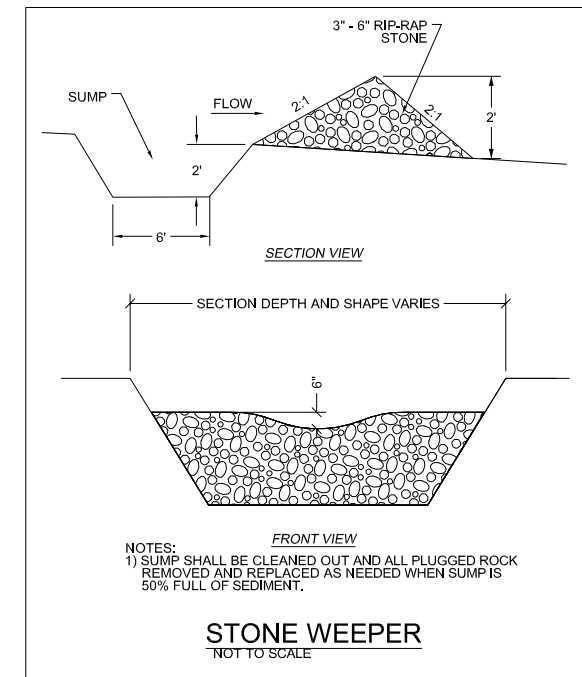
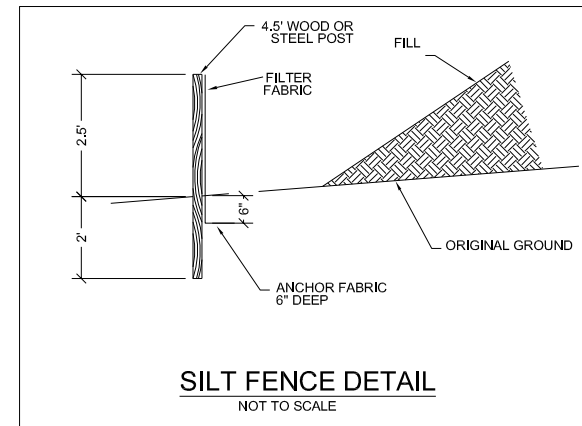
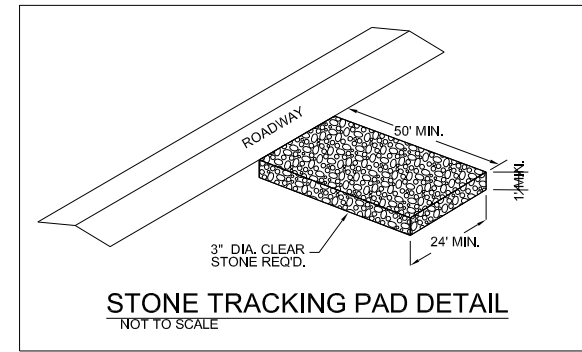
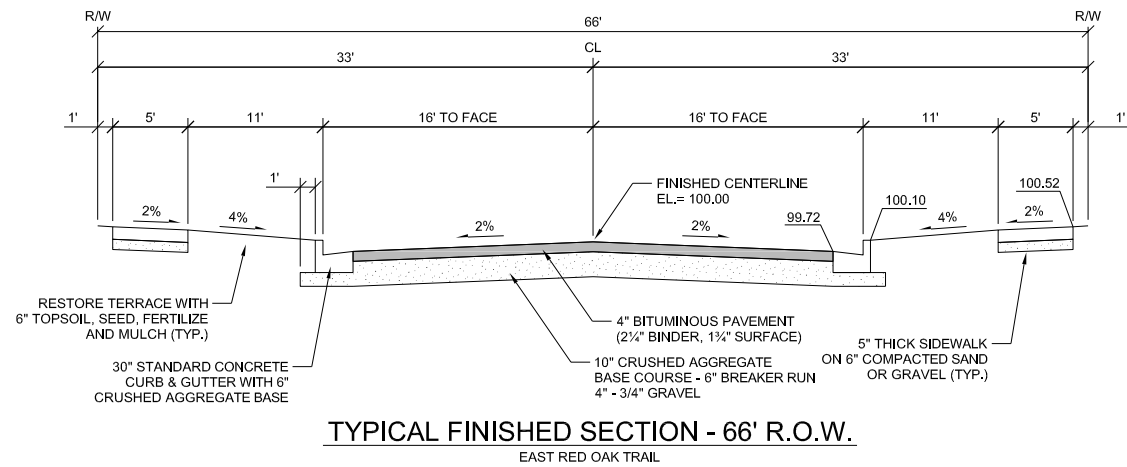
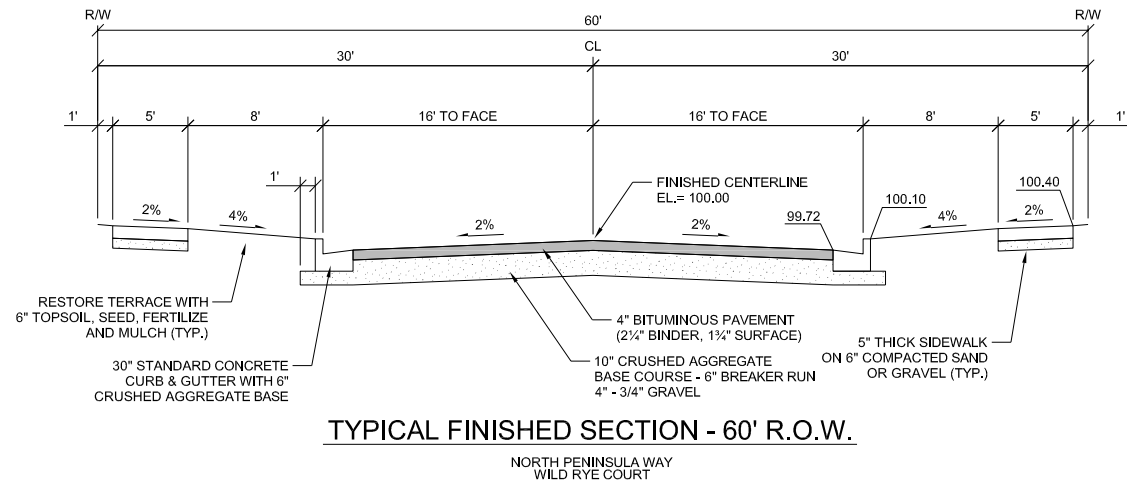
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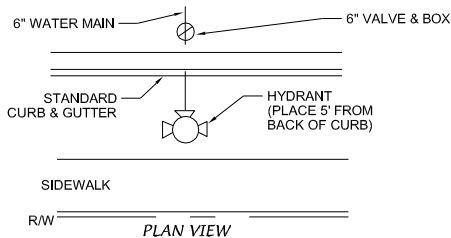
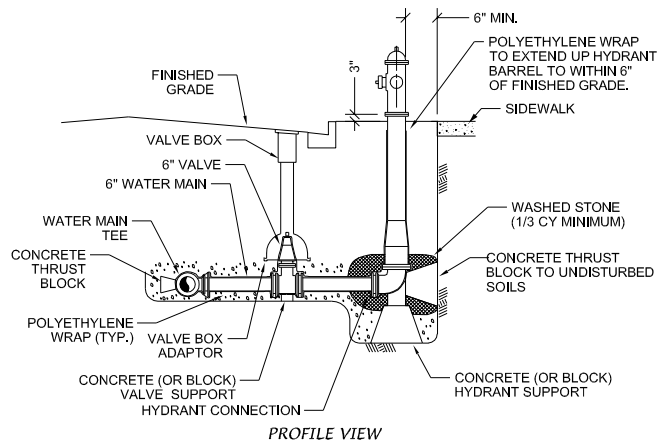
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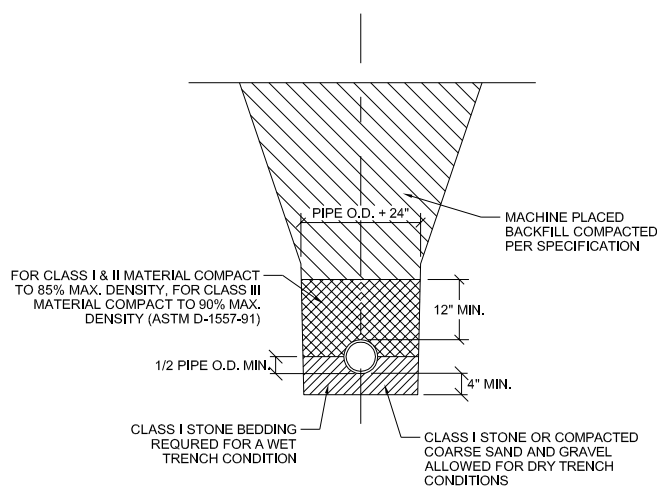


- NOTES:
1. HYDRANT SHALL BE WATEROUS PACER MODEL WB-67 OR MUELLER SUPER CENTURIAN A423.
 2. HYDRANT BURY TO BE 7'-0".
 3. HYDRANT TO BE LOCATED 5' FROM BACK OF CURB.
 4. ALL JOINTS BETWEEN THE HYDRANT CONNECTION & WATER MAIN TEE TO BE RESTRAINED WITH MEGA-LUGS OR LOCKING GASKETS. HYDRANT CONNECTION TO BE MEGA LUGGED TO WATER MAIN.



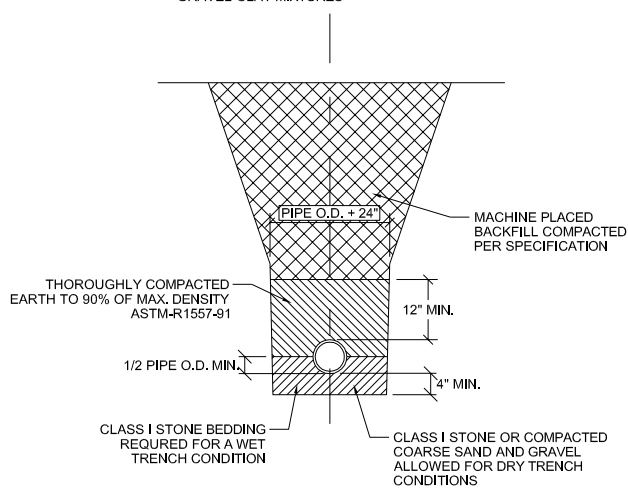
HYDRANT SETTING
NOT TO SCALE

- NOTES:
- CLASS I MATERIAL: ANGULAR 1/4" TO 3/4" GRADED STONE
- CLASS II MATERIAL: COARSE SANDS AND GRAVELS
- CLASS III MATERIAL: FINE SAND AND CLAYEY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES

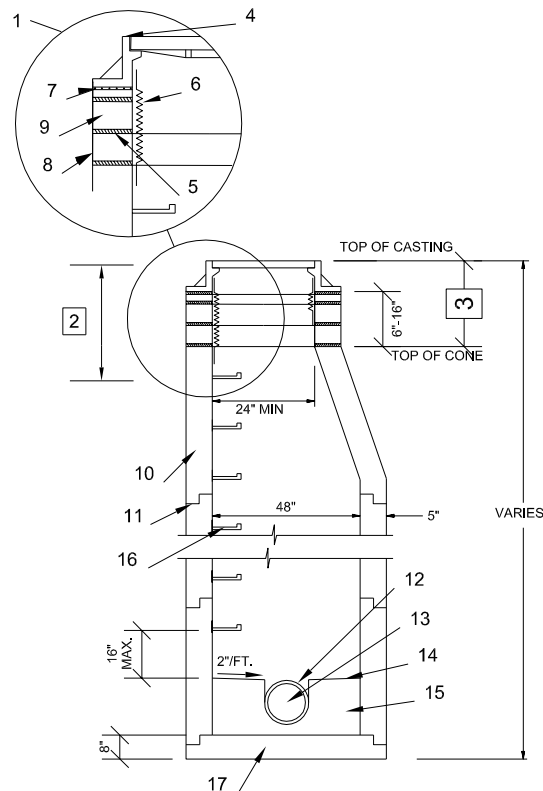


CLASS I, II & III BEDDING DETAIL
FLEXIBLE PIPE - PVC, ABS, HDPE, - ASTM D-3321
NOT TO SCALE

- NOTES:
- CLASS I MATERIAL: ANGULAR 1/4" TO 3/4" GRADED STONE
- CLASS II MATERIAL: COARSE SANDS AND GRAVELS
- CLASS III MATERIAL: FINE SAND AND CLAYEY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES



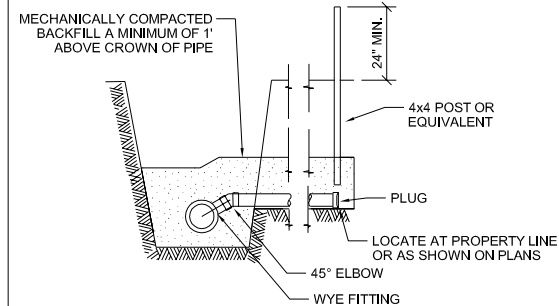
CLASS 'C' BEDDING DETAIL
RIGID WALL PIPE - RCP, D.I., ETC. - ASTM C-12
NOT TO SCALE



SANITARY SEWER MANHOLE
NOT TO SCALE

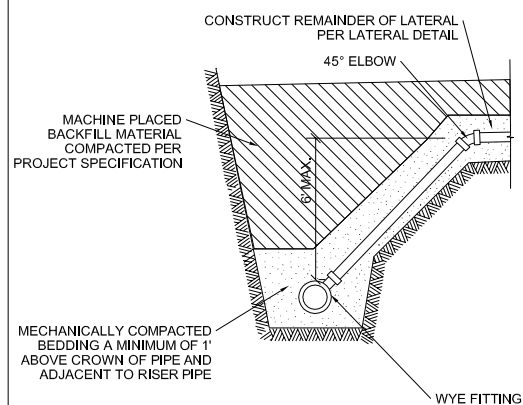
1. WHEN MANHOLES ARE LOCATED UNDER PAVEMENTS, THE TOP OF THE MANHOLE FRAME SHALL BE ADJUSTED TO WITHIN 1/4" BELOW THE PAVEMENT GRADE. THE FINAL ADJUSTMENT SHALL BE MADE BY SHIMMING THE FRAME TO GRADE AND SETTING THE FRAME IN THE BED OF MORTAR.
2. TOP MANHOLE STEP SHALL BE PLACED IN THE CONE AT A MAXIMUM OF 28" FROM THE TOP OF THE FRAME.
3. ADJUST AS NECESSARY TO MEET PLAN GRADE, MAXIMUM HEIGHT OF CHIMNEY AND CASTING SHALL BE 24" AND THE MINIMUM HEIGHT SHALL BE 12" (A MINIMUM OF ONE ADJUSTMENT RING SHALL BE USED)
4. MANHOLE FRAME & LID - SEE SPEC.
5. PRE-MOLDED BUTYL BASE SEALANT PLACED CONTINUOUSLY AROUND ENTIRE PERIMETER OF THE RINGS REQUIRED COMMENCING BETWEEN EACH RING AND TERMINATING BETWEEN BOTTOM RING AND TOP OF CONE.
6. INTERNAL FRAME CHIMNEY SEAL.
7. SET MANHOLE FRAME WITH MORTAR.
8. COVER OUTSIDE OF CHIMNEY FROM FRAME TO CONE WITH TROWEL GRADE BUTYL BASED SEALANT. OVERLAP CONE SECTION A MIN. OF 4".
9. CONCRETE ADJUSTMENT RING SHALL HAVE A MAXIMUM THICKNESS OF 6" AND A MINIMUM THICKNESS OF 2". RINGS SHALL BE SUPPLIED IN 1/2" INCREMENTS (THICKNESS) TO ALLOW ADJUSTMENT OF THE FRAME TO WITHIN 1/4" OF PLAN GRADE. ADJUSTMENT RINGS SHALL BE REINFORCED AS REQUIRED IN ASTM C-478. THE OUTSIDE DIAMETER OF RINGS SHALL BE UNIFORM AND EQUAL TO OR LESS THAN THE TOP OF THE CONE. THE WALL THICKNESS OF THE RINGS SHALL BE EQUAL THE WALL THICKNESS OF THE MANHOLE SECTIONS. WHEN ASSEMBLED, THE TOP OF THE CONE, THE RINGS, AND THE FRAME SHALL BE ALIGNED VERTICALLY WITH NO PROTRUSIONS.
10. PRECAST CONCRETE MANHOLE SECTIONS, TYPICAL, CONFORMING TO ASTM C-478.
11. WATERTIGHT JOINT, TYPICAL, WITH GASKETS CONFORMING TO C-443, OR JOINTS SEALED WITH MASTIC JOINTING COMPOUND.
12. PRESS SEAL GASKET, KOR-N-SEAL GASKET OR EQUAL.
13. SANITARY SEWER-SIZE, NUMBER OF CONNECTIONS TO MANHOLE, ORIENTATION, AND ELEVATION SHOWN ON PLAN.
14. BENCH SLOPE 2 IN/FT.
15. STANDARD MANHOLE INVERT TO CROWN OF THE PIPE, SEE FILE NO. 13 OF "STANDARD SPECIFICATIONS".
16. MANHOLE STEP, TYPICAL, SEE FILE NO. 15 "STANDARD SPECIFICATIONS".
17. PRECAST BASE.

- NOTES:
1. SEWER LATERAL TO BE PLACED AT 1/8 TO 1/4 INCH PER FOOT SLOPE.
 2. SEWER LATERAL MATERIAL TO BE THE SAME AS THE MAIN LINE MATERIAL.
 3. RISERS ARE REQUIRED WHERE SEWER LATERAL IS GREATER THAN 10 FEET DEEP.
 4. TRACE WIRE IS REQUIRED. TRACE WIRE TO TERMINATE IN TRACE WIRE TERMINAL BOX LOCATED AT THE 4x4 TIMBER POST.



SANITARY SEWER LATERAL
NOT TO SCALE

- NOTES:
1. SEWER LATERAL WYE TO BE PLACED AT A 45° ANGLE FROM HORIZONTAL.
 2. RISER TO BE CONSTRUCTED AT 45° ANGLE FROM HORIZONTAL TO THE PROPOSED ELEVATION OF THE SEWER LATERAL.
 3. SEWER RISER MATERIAL TO BE THE SAME AS THE MAIN LINE MATERIAL.
 4. TRACE WIRE IS REQUIRED. TRACE WIRE TO TERMINATE IN TRACE WIRE TERMINAL BOX LOCATED AT TEH 4x4 TIMBER POST.



SANITARY LATERAL RISER
NOT TO SCALE

DETAILS

JUNIPER RIDGE - PHASE 8

VILLAGE OF MCANILAND, DANE COUNTY, WISCONSIN

D'ONOFRIO KOTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

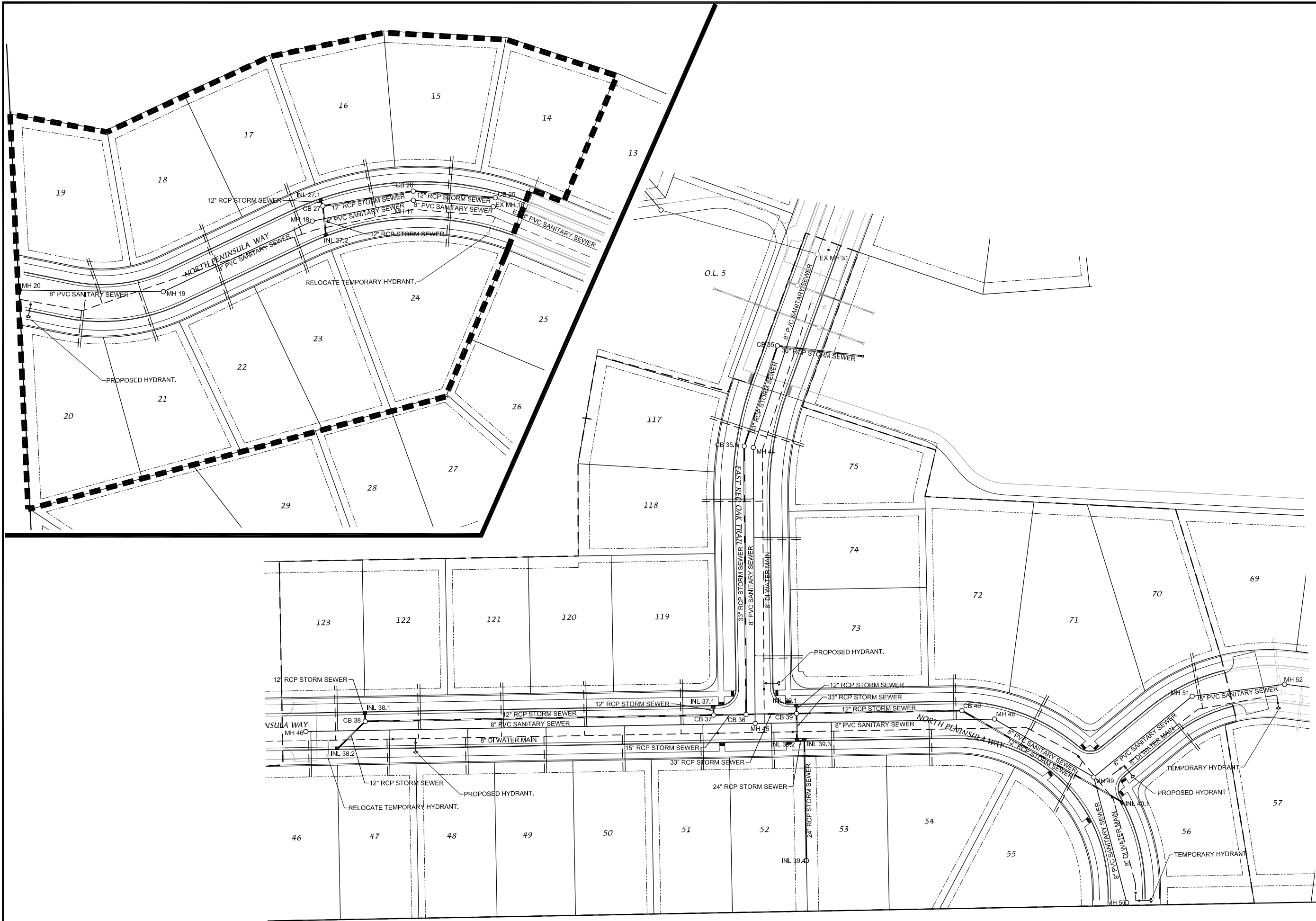


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UTILITY SCHEMATIC

JUNIPER RIDGE - PHASE 8

D'ONOFRIO KOTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT



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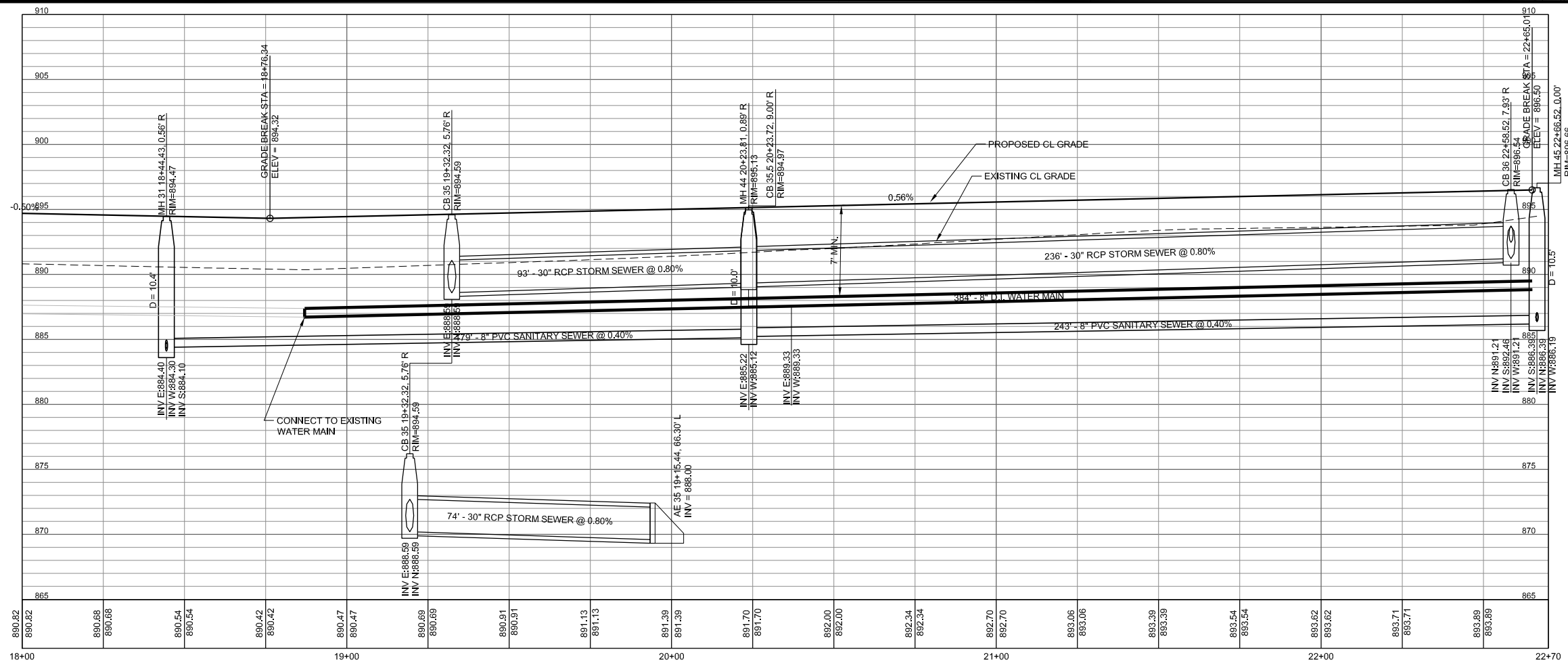
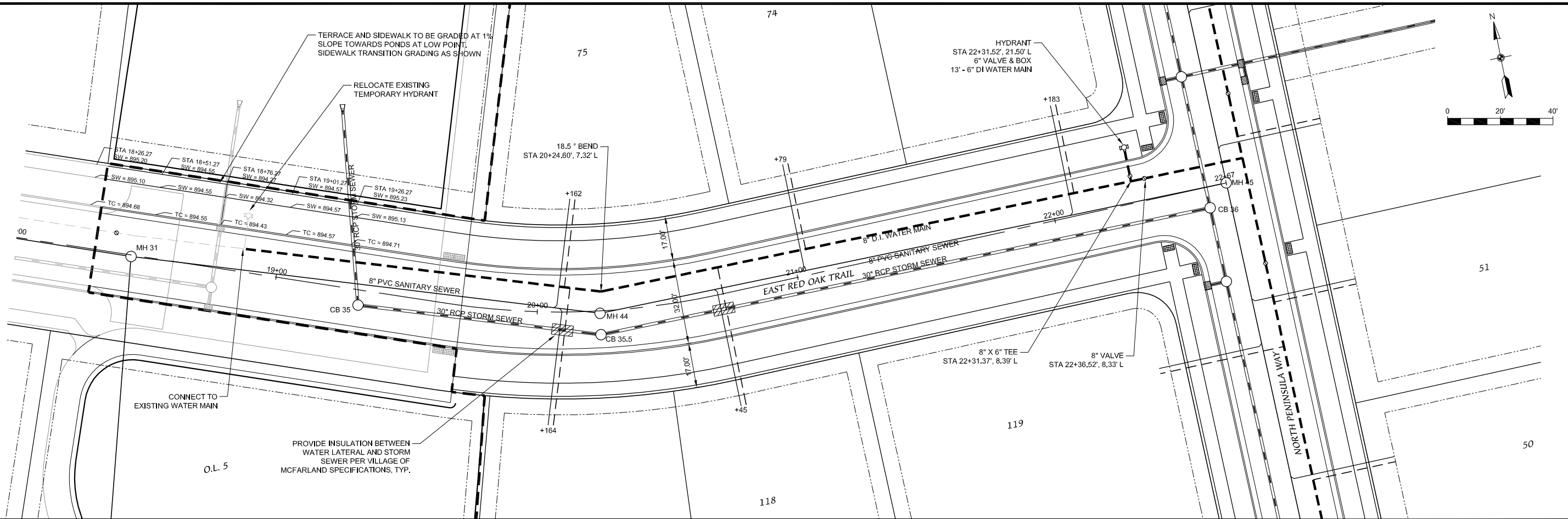


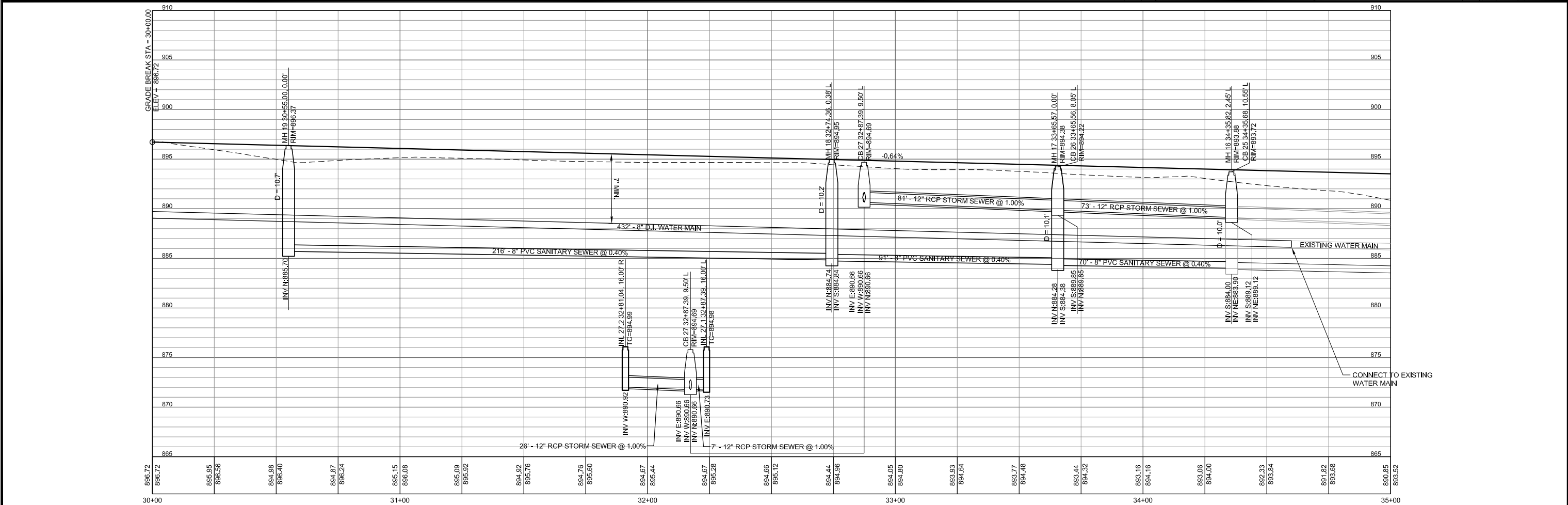
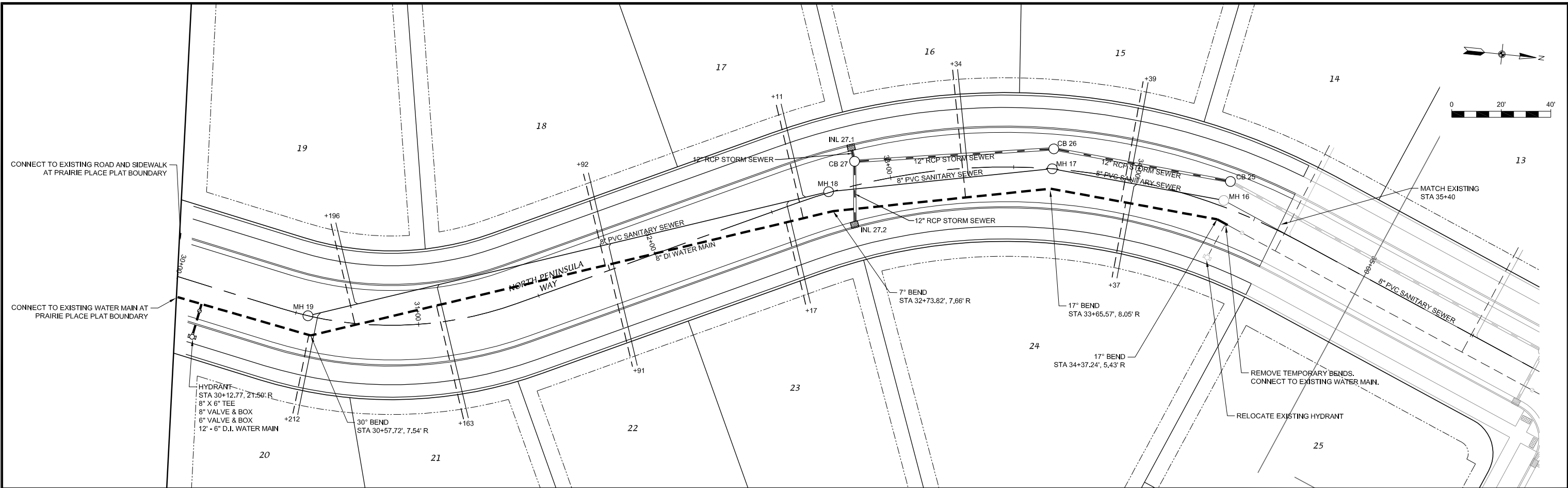
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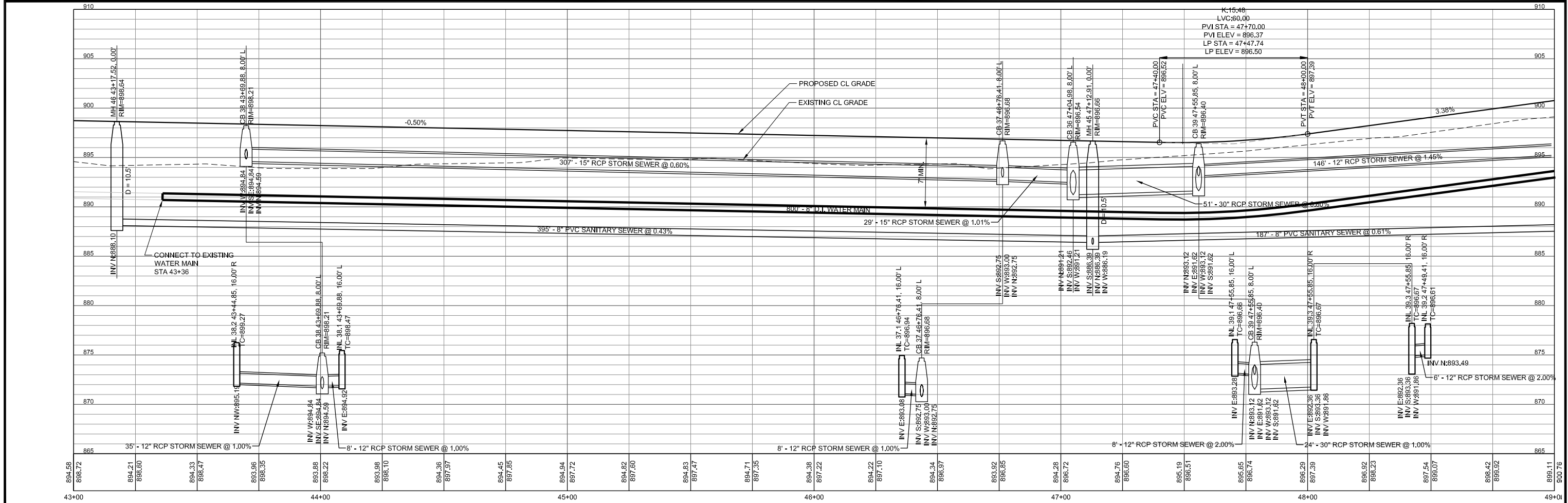
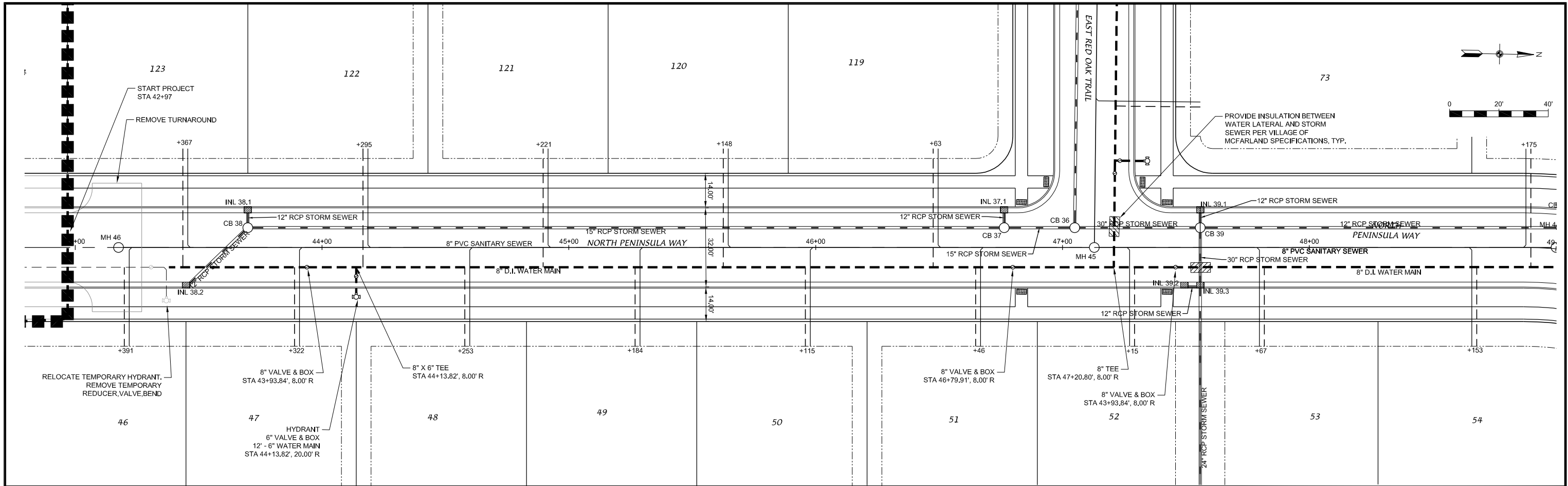
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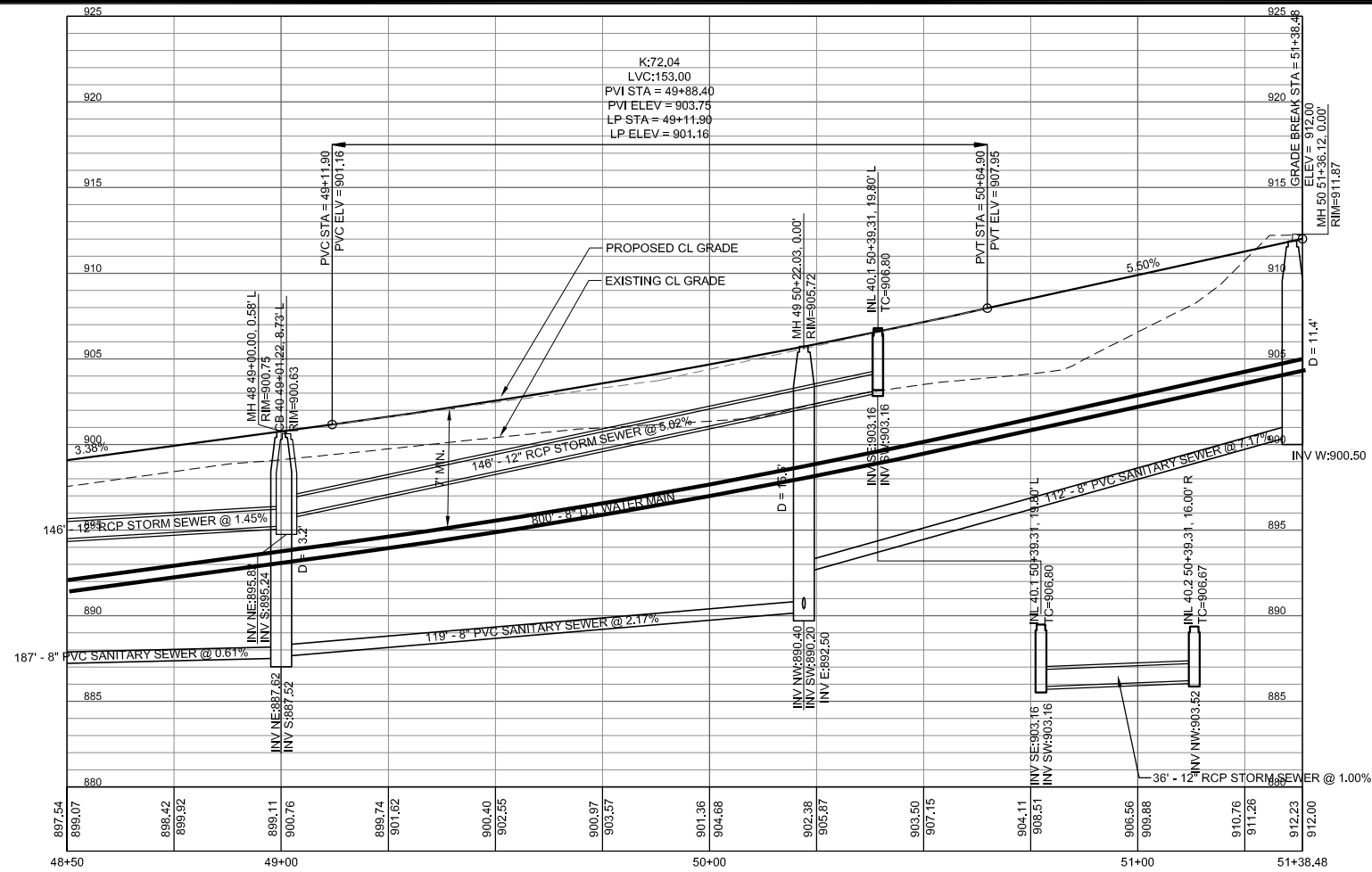
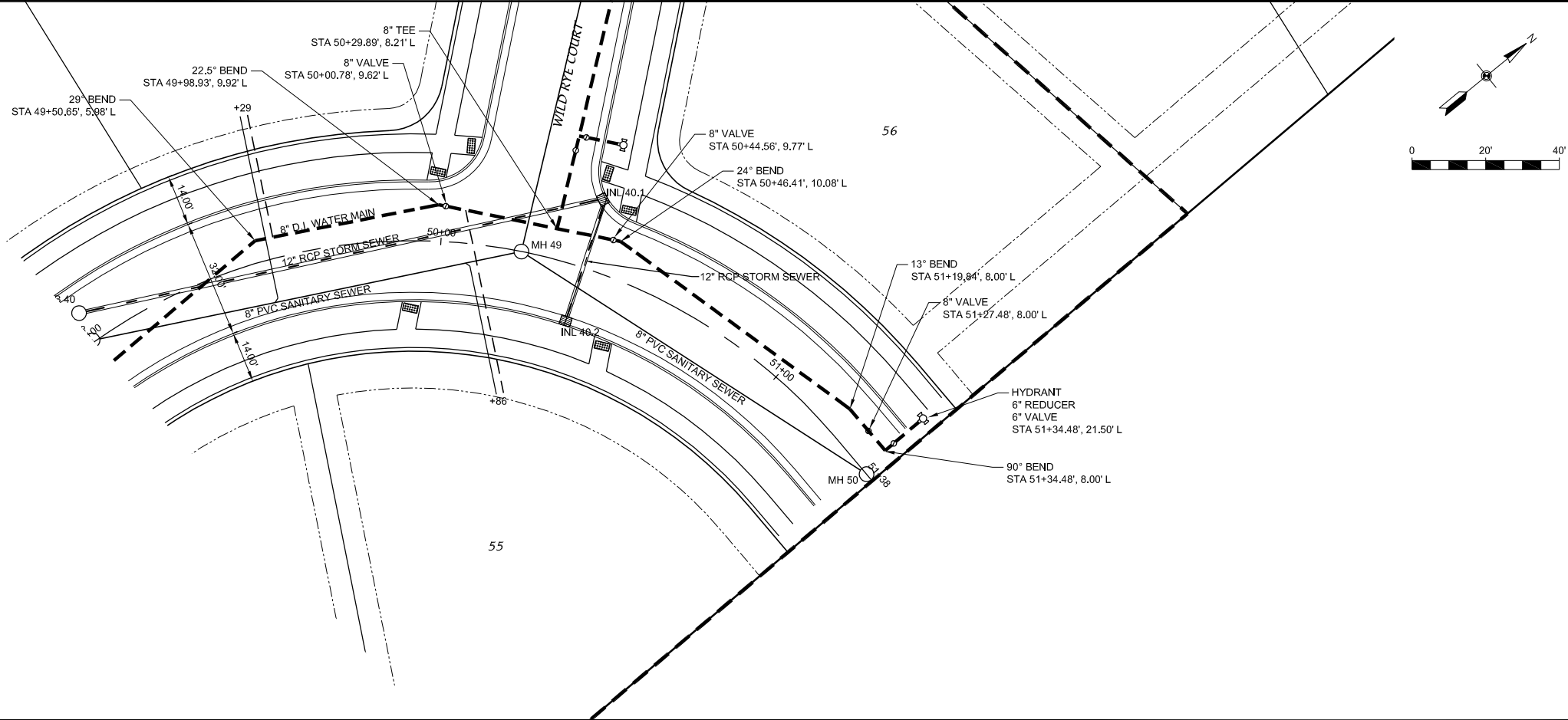
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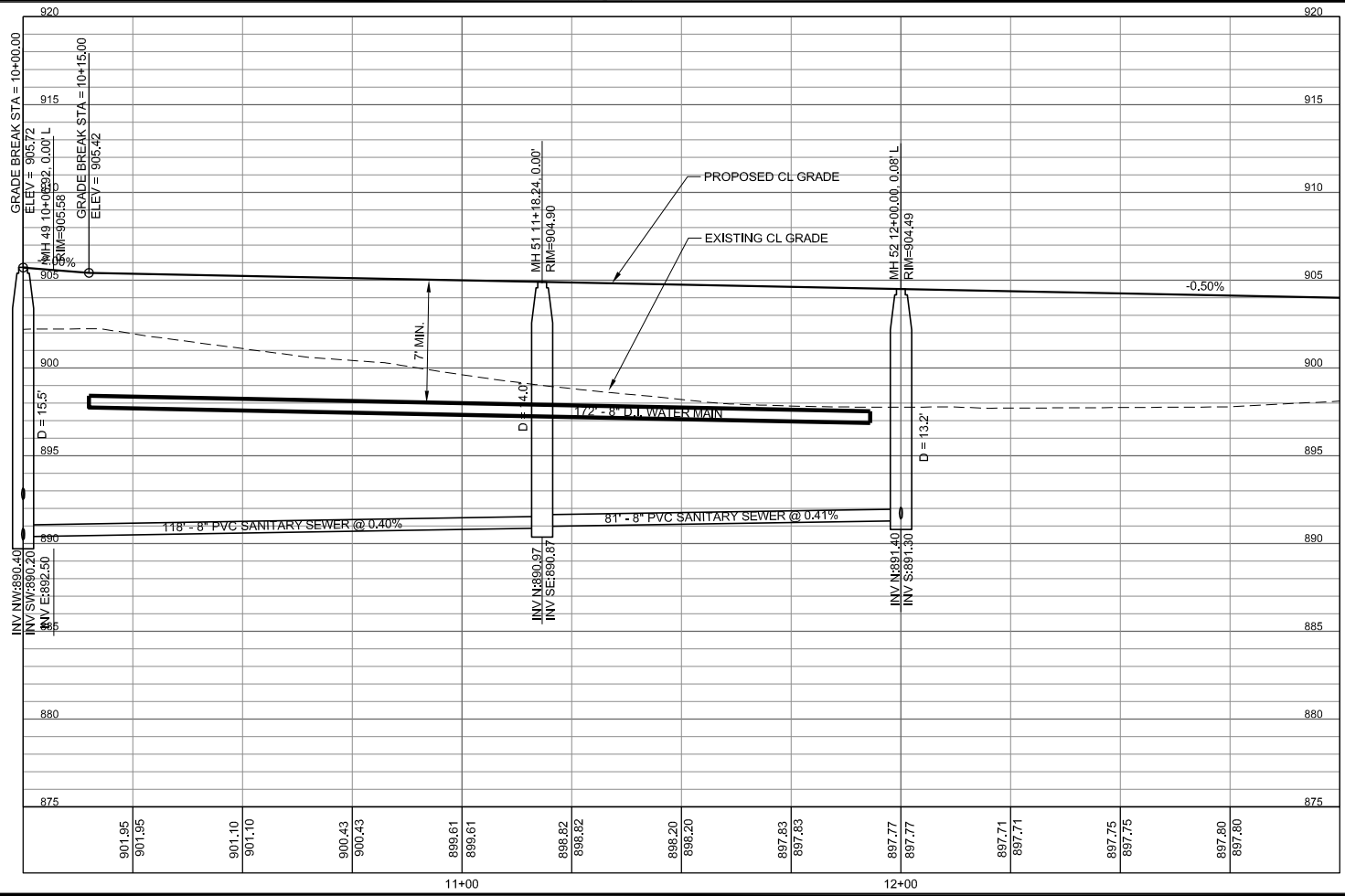
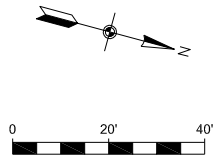
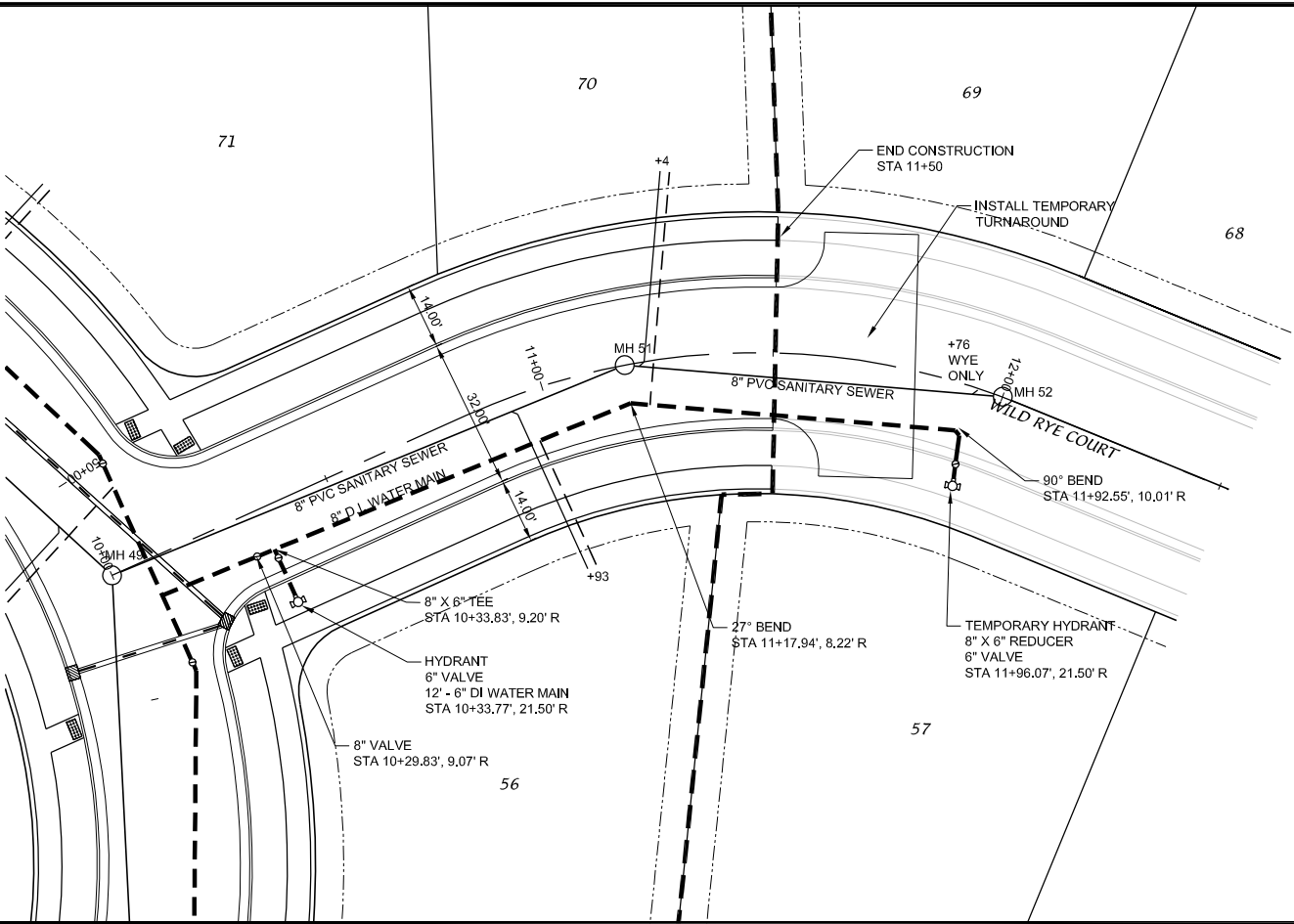


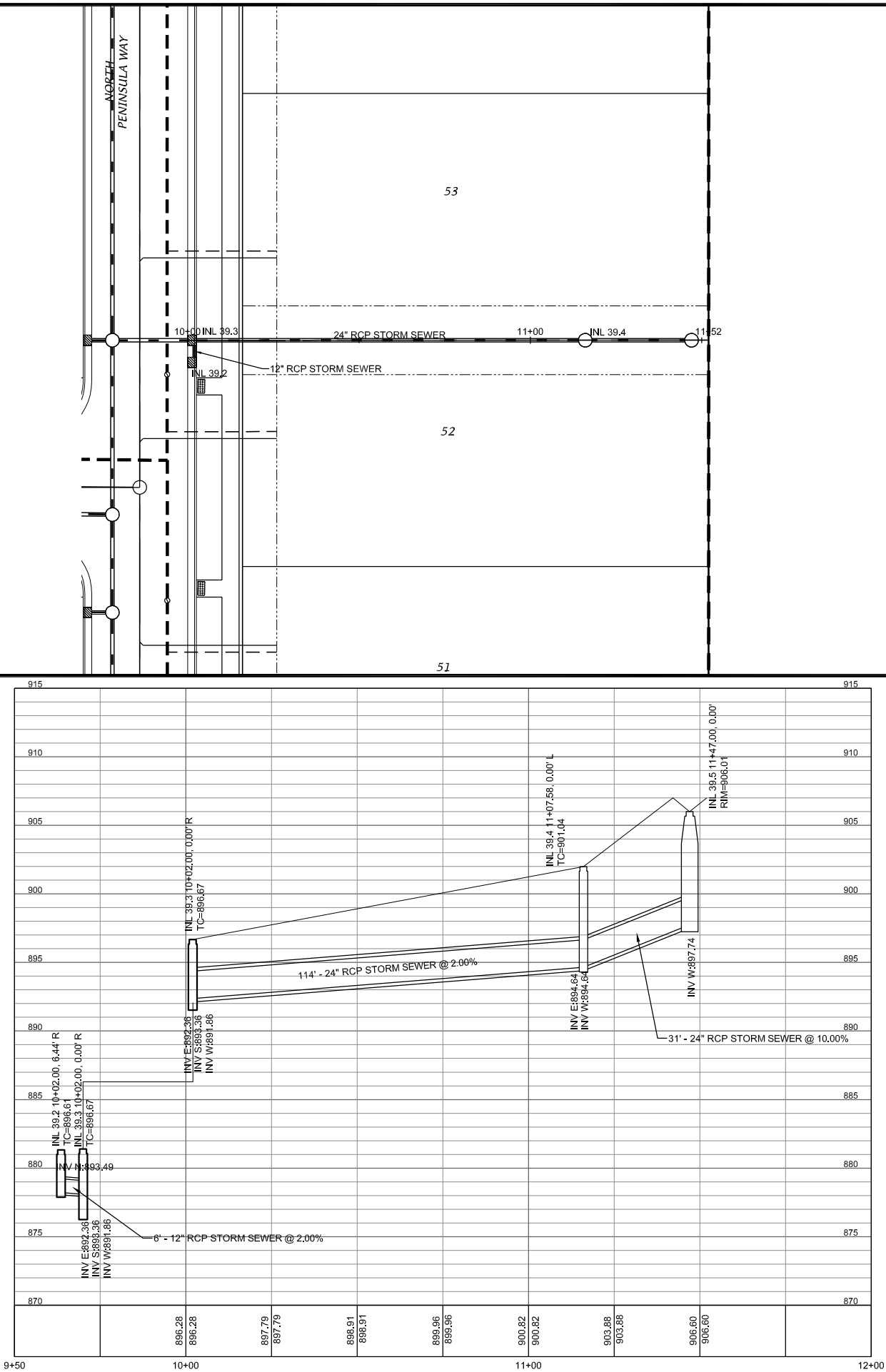
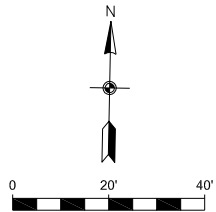


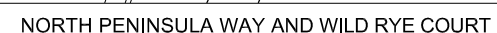
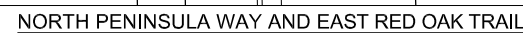


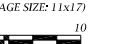
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VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action to make a recommendation regarding the hours of operation for the yard waste drop off site.

PREVIOUS ACTION:

ISSUE SUMMARY:

Since the end of March when the compost and brush drop off site opened, we have received comments on the hours of operation. Some people would like the site to be open longer to make it more accessible to varying schedules.

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. Compost hours

-----Original Message-----

From: Dan Kolk <Dan.Kolk@mcfarland.wi.us>

Sent: Thursday, April 25, 2019 10:34 PM

To: Erik Thoresen <ethoresen@charter.net>

Cc: Jim Hessling <Jim.Hessling@mcfarland.wi.us>; Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>

Subject: Re: Please keep the yard waste site open longer.

Thanks Erik. I will pass on your request to Public Works and the Committee.

Dan

> On Apr 25, 2019, at 20:28, Erik Thoresen <ethoresen@charter.net> wrote:

>

> Dan

>

> I am requesting that the village consider keeping the yard waste site open longer in the evening.

Perhaps 8 pm would be reasonable during the longer summer days and nights.

>

> Sincerely,

>

> Erik Thoresen

> 838-6817



VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action regarding a request for a sump pump discharge header pipe located at or around 5300 Marsh Woods.

PREVIOUS ACTION:

ISSUE SUMMARY:

The department has received several calls about sump pump discharges throughout the village. Various private sump pumps around the village discharge to the street/gutter/terrace areas. Water usually runs over the sidewalks and paths creating a potential safety hazard and aesthetics issue.

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. Sump pump issues

From: Mary Pat Lytle <MaryPat.Lytle@mcfarland.wi.us>
Sent: Monday, May 13, 2019 5:01 PM
To: Jim Hessling <Jim.Hessling@mcfarland.wi.us>
Subject: Re: Sump pump discharge

Hi Jim.

I think it would be a good idea to discuss not only this instance of sump pump draining, but the one over the bike trail along Elvehjem. That is a ice mass in the winter & even though people aren't biking there they do like to walk there.

Anyway, yes we do need to talk about this if we have the time.

Mary Pat

From: Jim Hessling
Sent: Monday, May 13, 2019 3:29:06 PM
To: Mary Pat Lytle
Cc: Matt Schuenke; Brian Berquist
Subject: FW: Sump pump discharge

Hi Mary Pat,
Would you like the topic below to be a utility meeting item on the agenda for next week's meeting?
Jim

Jim Hessling | Director of Public Works | Village of McFarland | 5115 Terminal Drive | McFarland, WI 53558 |
|608-838-7287 | jim.hessling@mcfarland.wi.us | Proud member of the WI American Public Works Association



From: Mary Rux <mrux@charter.net>
Sent: Sunday, May 12, 2019 2:24 PM
To: Jim Hessling <Jim.Hessling@mcfarland.wi.us>
Cc: brian@tcengineers.net; anderson121054@gmail.com
Subject: FW: Sump pump discharge

Hello Mr. Hessling,

I am writing regarding problems with sump pump water discharge on Marsh Woods Drive. The water level has risen in the last few years causing more sump pump discharge. My sump pump is located in the southwest corner of my home at 5304 Marsh Woods Dr. The home is located on the corner of Sighting and Marsh Woods Dr. The water floods and puddles on the sidewalk and neighboring sidewalk and driveway at 5302 Marsh Woods Dr. The water also causes a sidewalk icing hazard during freeze and thaw periods during the

fall and winter months. Efforts to redirect the water to other portions of the yard are not successful during rainy periods. The water naturally flows to the southwest thus causing the flooding and puddling. Neighbors on Sighting can run hoses from sump pumps to the street. Running a hose from my sump pump would require laying it across the sidewalk creating a hazard.

I reached out the Village of McFarland who provided the contact information for Brian Berquist. Brian was very helpful. I'm open to other options but unfortunately the closest storm drain is at the corner of Sighting and Marsh Woods Dr which is opposite the natural water flow to the southwest and furthest away from my sump pump discharge. Brian suggested I make a request to have an extension of the sump pump discharge header pipe from the inlet in front of 5300 Marsh Woods. I would like to officially make that request. I've provided a visual attachment.

Please let me know how to proceed with the request and the steps in the process. Thank you for your consideration.

Mary Rux
5304 Marsh Woods Dr
608-225-2407

Mike and Kathy Anderson
5302 Marsh Woods Dr
608-577-7128



VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Tuesday, May 21, 2019

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Presentation of the Public Works Department monthly report by the Director.

PREVIOUS ACTION:

ISSUE SUMMARY:

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. April 2019 directors report

PUBLIC WORKS COMMITTEE

May 14, 2019

PUBLIC UTILITIES COMMITTEE

May 21, 2019

PARKS, RECREATION & NATURAL RESOURCES COMMITTEE

May 16, 2019

**Public Works Directors Report
for
April 2019**

The following is information concerning events and activities of the Public Works Department along with the Water and Sewer Utilities for the previous month. This information is provided in brief to provide an overview of the highlights.

Annual Burning

Planned burning has finished for this year. Several areas around the Village have been burned off.

Water is on at the Parks

Water service is on at the parks and they are now open.

Water repairs for Street Sealing Projects

The department has been repairing water boxes and various street apparatuses in preparation for the upcoming street maintenance work.

Pier Installation

The sailing club has installed the pier at McDaniel Park. It is now open to the public.

Summer Help

The summer help crew has come back. This crew is responsible for all of the mowing and aesthetics of our parks.

License Upgrade

Warrenburg has recently earned his Commercial Driver's License. This helps increase efficiency within the department.

Public Works Week

The department has been prepping for the upcoming open house on May 18 celebrating National Public Works Week. The event runs from 8a-noon.

Meetings/Training/Seminars

Venturino attended a Basic General Wastewater and Collection Systems class.

B. Brandt and Weber attend a waterworks seminar entitled Water System Operations Basics – Regulations & Groundwater Resources.

Hessling participated in the following meetings:

Attended the McFarland Boy Scout Troop 53 Eagle Scout Ceremonies