



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
ZONING BOARD OF APPEALS MEETING
April 16, 2025 6:30 pm

1. CALL MEETING TO ORDER
2. APPROVAL OF THE AGENDA
3. CORRECTIONS, APPROVAL AND RATIFICATION OF MINUTES
 - A. February 19, 2025
4. COMMUNICATIONS
5. UNFINISHED BUSINESS
6. NEW BUSINESS
 - A. **ZBA CASE NO.: 25-02 (Meridian Township), 5151 Marsh Road, Okemos, MI 48864**
LOCATION: Vacant Lot (Tax ID #33-301-014)
PARCEL ID: 33-301-014
ZONING DISTRICT: RAAA (Single Family)
The variances requested are to construct a pathway that will cross the Smith Consolidated Drain.
7. OTHER BUSINESS
8. PUBLIC REMARKS
9. BOARD MEMBER COMMENTS
10. ADJOURNMENT

Variance requests may be subject to change or alteration upon review of request during preparation of the staff memorandum. Therefore, Sections of the Code of Ordinances are subject to change. Changes will be noted during public hearing meeting.

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Board by contacting:
Assistant Planner Keith Chapman, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4580 - Ten Day Notice is Required.
Meeting Location: 5151 Marsh Road, Okemos, MI 48864 Township Hall

CHARTER TOWNSHIP OF MERIDIAN
REGULAR MEETING ZONING BOARD OF APPEALS 2025
5151 Marsh Road, Okemos MI 48864-1198
517.853.4000, Township Hall Room
Wednesday, February 19th, 6:30 pm

PRESENT: Chair Mansour, Vice-Chair Koenig, Member Brooks, Member Trezise

ABSENT: Member Benoit

STAFF: Associate Planner Chapman

1. CALL MEETING TO ORDER

Chair Mansour called the February 19th, 2025, regular meeting for the Meridian Township Zoning Board of Appeals to order at 6:31 pm. Chair Mansour called the roll of the Board. All members present.

2. APPROVAL OF THE AGENDA

Chair Mansour moved to approve the agenda for the February 19th, 2025, regular meeting for the Meridian Township Zoning Board of Appeals. Seconded by Member Trezise.

ROLL CALL VOTE YEAS: Chair Mansour, Vice-Chair Koenig, Members Brooks, Trezise
NAYS: None
Motion carried: 4-0

3. CORRECTIONS, APPROVAL AND RATIFICATION OF MINUTES

Member Trezise moved to approve the minutes from the January 15th, 2025, regular meeting for the Meridian Township Zoning Board of Appeals with correction. Seconded by Member Brooks.

ROLL CALL VOTE YEAS: Chair Mansour, Vice-Chair Koenig, Members Brooks, Trezise
NAYS: None
Motion carried: 4-0

4. COMMUNICATIONS

NONE

5. UNFINISHED BUSINESS

A. ZBA CASE NO. 24-11 (Grand Reserve), Mayberry Homes, 1650 Kendale Blvd. #200, East Lansing MI 48823

LOCATION: 4700 Everwood Lane & 1542, 1536, 1518, 1516 Woodland Way
PARCEL ID: 22-276-010
ZONING DISTRICT: RD (Multiple Family, 8 d/u per acre)

The variances requested are to allow decks to encroach into the wetland setback.

Associate Planner Chapman outlined the discussion that has occurred to date. The applicant has submitted an updated plan.

Joe Schroeder, applicant, provided information about the changes to the plan.

Vice-chair Koenig asked questions about the table provided in the memo. Associate Planner Chapman clarified the information provided. Member Trezise asked that the information be verified as a condition of approval

Members expressed their appreciation to the applicant for making the changes.

The Board determined that the request meets all five of the review criteria.

Member Trezise moved to approve ZBA Case No. 24-11 (Grand Reserve) with verification that the numbers on the table included in the memo. Seconded by Member Brooks.

ROLL CALL VOTE YEAS: Chair Mansour, Vice-Chair Koenig, Members Brooks, Trezise

NAYS: None

Motion carried: 4-0

6. NEW BUSINESS

NONE

7. OTHER BUSINESS

NONE

8. PUBLIC REMARKS

NONE

9. BOARD MEMBER COMMENTS

Chair Mansour thanked the applicant again for working with the ZBA to promote positive development in the community, and thanked the ZBA members for thoughtful discussion

10. ADJOURNMENT

Chair Mansour adjourned the February 19th, 2025 regular meeting for the Meridian Township Zoning Board of Appeals. Approved unanimously.

Meeting adjourned at 6:51 pm.

VARIANCE APPLICATION SUPPLEMENT

A variance will be granted, if the following Review Criteria are met:

- (1) Unique circumstances exist that are peculiar to the land or structure, that are not applicable to other land or structures in the same zoning district and these unique circumstances are not self-created.
- (2) Strict interpretation and enforcement of the literal terms and provisions of this chapter would result in practical difficulties that would prevent the owner from using the property for a permitted purpose.
- (3) Granting the variance is the minimum action necessary which would carry out the spirit of this zoning ordinance, secure public safety, and provide substantial justice.
- (4) Granting the variance will not adversely affect adjacent land or the essential character in the vicinity of the property.
- (5) Granting the variance will be generally consistent with public interest and the purposes and intent of this chapter.



To: Zoning Board of Appeals
From: Keith Chapman, Associate Planner
Date: April 10, 2025
Re: ZBA Case No. #25-02 (Meridian Township)

ZBA CASE NO.: 25-02 (Meridian Township), 5151 Marsh Road, Okemos, MI 48864
LOCATION: Vacant Lot (Tax ID #33-301-014)
PARCEL ID: 33-301-014
ZONING DISTRICT: RAAA (Single Family)

The applicant is requesting variances from the following sections of the Code of Ordinances:

- Section 86-471(b)(4), Open county drains or creeks: 50 feet, as measured from the top of the bank on the side of the drain where the structure is to be located or grading activity is to occur.
- Section 86-471(c)(3), Open county drains or creeks: 25 feet, as measured from the top of the abutting bank.

Meridian Township, the applicant, has requested a variance to construct a pathway that will cross the Smith Consolidated Drain located at an unaddressed property (Tax ID #33-301-014). The pathway is part of the Sanctuary II subdivision and is outlined in the Township's Pathway Master Plan. The Pathway is proposed to run north of Robins Way Drive and cross the Smith Consolidated Drain where a culvert will be installed along with the concrete pathway then connecting to Okemos Preserve. The approximate 0.525-acre site is zoned RAAA (Single Family).

The Zoning Ordinance specifies activities that are prohibited within the 25-foot and 50-foot open county drain setbacks. The 50-foot open county drain setback prohibits any structures or grading. Within the 25-foot open county drain setback trees, shrubs, and ground cover may be selectively pruned or removed to provide reasonable private access or views to water features, to remove potentially hazardous or nuisance exotic vegetation, and to improve or protect wildlife habitat. Such pruning and removal activities are subject to the following: 1. No more than 10% of the length of the strip shall be clear cut or mowed to the depth of the strip. 2. Pathways accessing water features shall not exceed 10 feet in width. 3. A live root system shall be maintained to provide for streambank stabilization and erosion control.

At the closest point the pathway would be located 0' from the Smith Consolidated drain, encroaching 25' into the 25-foot natural vegetation strip and 50' into the 50-foot open county drain setback. The applicant is requesting a 25' variance for the pathway within the 25-foot natural vegetation strip and a 50' variance for the pathway within the 50-foot open county drain setback.

ZBA Case No. 25-02 (Meridian Township)
Zoning Board of Appeals (April 16, 2025)
Page 2

Attachments

1. Variance application and supplemental documentation
2. Site location map.

CHARTER TOWNSHIP OF MERIDIAN
PLANNING DIVISION
5151 MARSH ROAD, OKEMOS, MI 48864
(517) 853-4560

VARIANCE APPLICATION

A. Applicant Meridian Township
Address of Applicant 5151 Marsh Road
5151 Marsh Road
Telephone (Work) 517-853-4468 Telephone (Home) _____
Fax _____ Email address: hart@meridian.mi.us
Interest in property (circle one): Owner Tenant Option Other

B. Site address/location Nearest address is 2496 Robins Way
Zoning district RAAA Parcel number 33-02-02-33-301-014

C. Nature of request (Please check all that apply):
 Request for variance(s)
 Request for interpretation of provision(s) of the "Zoning Ordinance" of the Code of Ordinances
 Review an order, requirements, decision, or a determination of a Township official charged with interpreting or enforcing the provisions of the "Zoning Ordinance" of the Code of Ordinances

Zoning Ordinance section(s) 86-471(b)(4) and 86-471(c)(3)

D. Required Supporting Material Supporting Material if Applicable
-Property survey -Architectural sketches
-Legal description -Other
-Proof of property ownership or approval letter from owner
-Site plan to scale
-Written statement, which demonstrates how all the review criteria will be met (See next page)

Caycee Hart Caycee Hart 3/18/25
Signature of Applicant Print Name Date

Fee: _____ Received by/Date: _____

I (we) hereby grant permission for members of the Charter Township of Meridian Zoning Board of Appeals, Township staff members and the Township's representatives or experts the right to enter onto the above described property (or as described in the attached information) in my (our) absence for the purposes of gathering information including but not limited to the taking and the use of photographs. (Note to Applicant(s): This is optional and will not affect any decision on your application.)

Caycee Hart 3/18/25
Signature of Applicant(s) Date

Signature of Applicant(s) Date



Department of Public Works

5151 Marsh Road
Okemos, MI 48864
517.853.4440
dpw@meridian.mi.us

March 18, 2025

Keith Chapman
5151 Marsh Road
Okemos, MI 48864

RE: Sanctuary II Pathway – Variance Letter

Dear Mr. Chapman:

Thank you for considering our variance application for the proposed pathway adjacent to the Sanctuary II subdivision.

Legal Description

(M33-12, 33-13) PART OF SW 1/4 OF SEC 33 T4N R1W DESC AS: COM AT W 1/2 COR OF SEC 33 - N89D 45' 08"E 50 FT ALNG EW 1/4 LN - S00D 28' 37"E 447.78 FT - SW'LY .3 FT ALNG CURVE TO LEFT, RAD OF 75 FT, CHD BRG S41D 40' 32"W - SW'LY 50.46 FT ALNG CURVE TO RT, RAD OF 60 FT, CHD BRG S65D 39' 27"W 48.99 FT - S89D 45' 08"W 5 FT TO W SEC LN - N00D 28' 37"W 468 FT ALNG SD W LN TO POB .531 A ML

SPLIT ON 02/10/2011 FROM 33-02-02-33-301-008

Review Criteria:

1. Unique circumstances exist that are peculiar to the land or structure, that are not applicable to other land or structures in the same zoning district and these unique circumstances are not self-created.

The Smith Consolidated Drain crosses this parcel. The drain provides stormwater conveyance for this area and cannot be relocated off of the property.

2. Strict interpretation and enforcement of the literal terms and provisions of this chapter would result in practical difficulties that would prevent the owner from using the property for a permitted purpose.

Strict enforcement of this ordinance would not allow the pathway to cross the Smith Consolidated Drain. This pathway is proposed to immediately connect the Sanctuary Subdivision to the Okemos Preserve Subdivision. In order to make this connection the pathway needs to run north/south along the parcel which will require a crossing of the Smith Consolidated Drain.

3. Granting the variance is the minimum action necessary which would carry out the spirit of this zoning ordinance, secure public safety, and provide substantial justice.

Granting the requested variance is all that would be required to construct the proposed trail in accordance with this section of the Ordinance.

4. Granting the variance will not adversely affect adjacent land or the essential character in the vicinity of the property.





Department of Public Works

5151 Marsh Road
Okemos, MI 48864
517.853.4440
dpw@meridian.mi.us

Granting the variance will increase accessibility to the existing natural features, while preserving and protecting the environmental benefits of the property.

5. Granting the variance will be generally consistent with public interest and the purposes and intent of this chapter.

The proposed project provides access and proposes minimal impacts to the environmental benefits of the subject properties and is thereby consistent with the purposes and intent of this chapter.

Effect of Variance Approval:

1. Granting a variance shall authorize only the purpose for which it was granted.

We understand that the variance only applies to the specific purposes for which it was granted.

2. The effective date of a variance shall be the date of the Zoning Board of Appeals approves such variance.

We understand that the variance is only effective as of the date of ZBA approval.

3. A building permit must be applied for within 24 months of the date of the approval of the variance, and a Certificate of occupancy must be issued within 18 months of the date the building permit was issued, otherwise the variance shall be null and void.

A building permit and certificate of occupancy will not be required for this project.

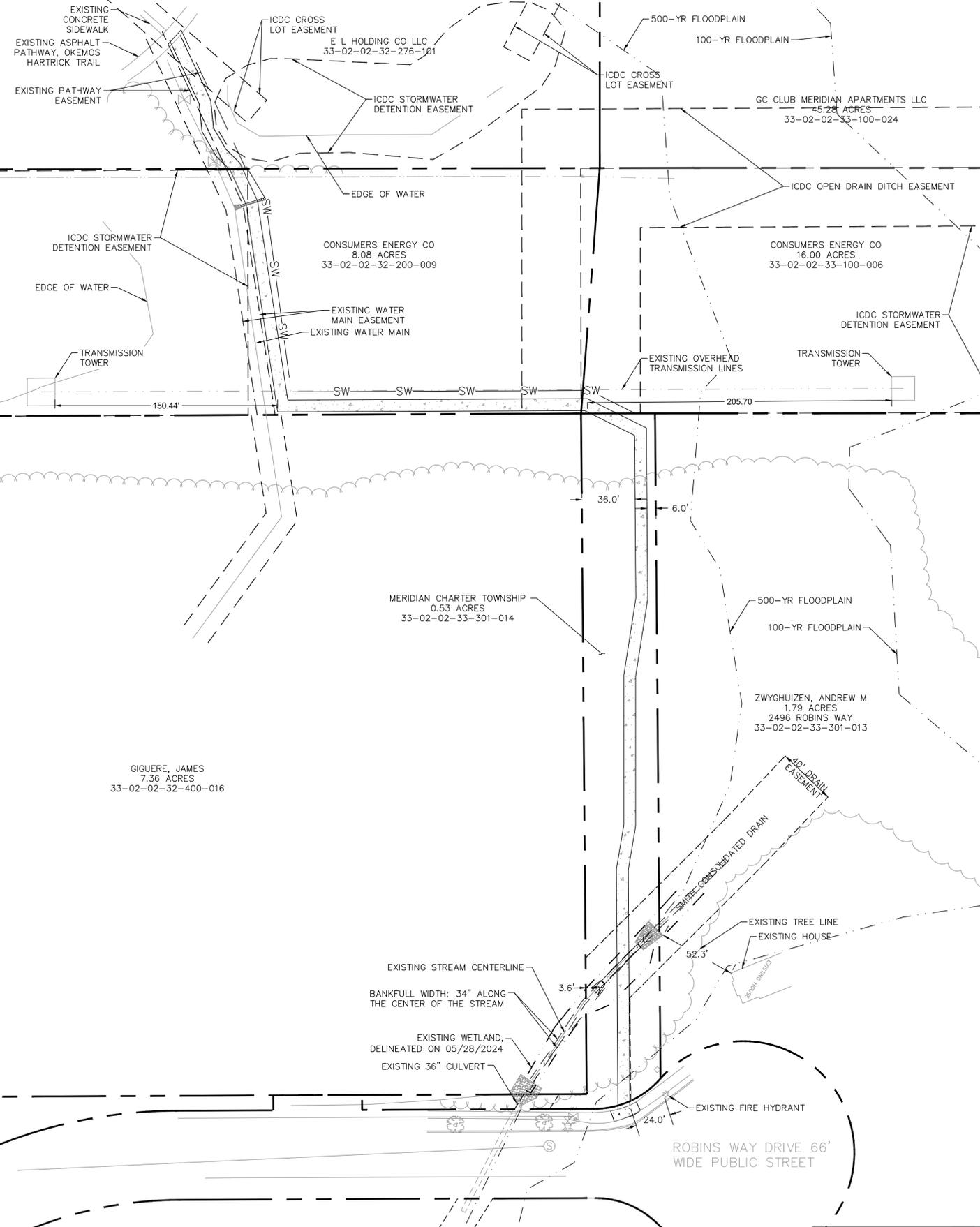
Reapplication:

1. No application for a variance, which has been denied wholly or in part by the Zoning Board of Appeals, shall be resubmitted until the expiration of one (1) year or more from the date of such denial, except on grounds of newly discovered evidence or proof of changed conditions found by the Zoning Board of Appeals to be sufficient to justify consideration.

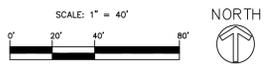
We understand that resubmittal shall not occur within one (1) year of denial, excepting the discovery of new conditions.

Respectfully,

Caycee Hart
Project Engineer
Meridian Township

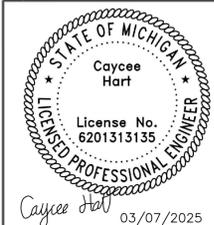


- PATHWAY NOTES**
1. Pathways and sidewalks shall be four (4) inch thick concrete except at driveways where they shall be six (6) inch (residential) or seven (7) inch (commercial) thick concrete.
 2. Three (3) inches of compacted sand base shall be placed under all pathways and sidewalks.
 3. All bituminous aprons shall be two and one-half (2½) inches thick, unless otherwise noted.
 4. Property irons shall be maintained by the Contractor.
 5. All existing concrete and bituminous to be removed shall be sawcut. All bituminous removal shall be considered incidental to construction.
 6. All aggregate base material shall be four (4) inches of 22A.
 7. All tree (less than 6") and shrub removal shall be considered part of subgrade preparation.
 8. Location of new plant material shall be as directed by the Engineer, and shall be installed in accordance with guidelines established by the A.N.L.A.
 9. All plant material not marked for removal shall be protected.
 10. Bituminous drives shall be sawcut 18" on either side of proposed pathway.
 11. The maximum longitudinal slope is 5% (up to an absolute maximum of 8½% at the direction of the Engineer) and the maximum cross slope is 2%.
 13. Expansion joints shall be placed at approximately 100' intervals and shall be ½" thick. Contraction joints shall be sawcut to a depth of ¼ of the depth of the concrete.
 14. All lumber to be pressure treated (Osmose 33 or equal) to 0.4 retention.
 15. All items not covered under a specific pay item shall be considered incidental.



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan

PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: VI

REVISIONS:		
DATE	BY:	COMMENTS:
09.11.24	CH	EGL E SUBMITTAL #2
01.02.25	CH	ICDC SUBMITTAL #2
01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
2 - OVERALL PATHWAY SITE PLAN

UTILITY COMPANY UTILITIES

AT&T
337 N. ABBOTT, RM. 201
EAST LANSING, MI 48823
517.337.3660

TELEPHONE

CONSUMERS ENERGY
530 W. WILLOW ST.
P.O. BOX 30162
LANSING, MI 48909
517.373.6100

GAS
ELECTRIC

COMCAST
1070 TROWBRIDGE ROAD
EAST LANSING, MI 48823
517.332.1012

CABLE TV

MERIDIAN CHARTER TOWNSHIP
5151 MARSH RD.
OKEMOS, MI 48864
517.853.4440

WATER MAINS
SANITARY SEWER
PATHWAYS

WOLVERINE PIPE LINE
8105 VALLEYWOOD LANE
PORTAGE, MI 49024-5251
231.323.2491

PETROLEUM PIPELINE

INGHAM COUNTY DRAIN
COMMISSIONER
707 BUHL ST.
MASON, MI 48854
517.676.8395

DRAINS
STORM SEWER

INGHAM COUNTY ROAD DEPT
301 BUSH ST.
MASON, MI 48854
517.676.9722

PUBLIC ROADS AND
RIGHTS OF WAY

SOIL EROSION & SEDIMENTATION CONTROL NOTES

- All soil erosion and sediment control (SESC) work shall conform to the standards and specifications of the Ingham County Drain Commissioner's Office and Meridian Charter Township.
- Daily inspections shall be made by the contractor for effectiveness of SESC measures. Any necessary repairs shall be performed without delay.
- Erosion of any sediment from work on the site shall be contained on-site and not allowed to collect on any off-site areas or in waterways. Waterways include both natural and man-made open ditches, streams, storm drains, lakes, ponds, and wetlands.
- The Contractor shall apply temporary SESC measures when required and as directed on these plans. The Contractor shall remove temporary measures as soon as permanent stabilization of slopes, ditches, and other changes have been established.
- Staging the work shall be done by the Contractor as directed in these plans and as required to ensure progressive stabilization of disturbed earth.
- Soil erosion control practice shall be established in the early stages of construction by the Contractor. Sedimentation control practices shall be applied as a perimeter defense against any transporting of soil off the site.
- The Contractor shall preserve natural vegetation as much as possible.
- Vegetative stabilization of all disturbed areas shall be established within 15 days of completion of the final grading.

SANCTUARY II PATHWAY CONSTRUCTION PLANS FOR MERIDIAN CHARTER TOWNSHIP INGHAM COUNTY, MICHIGAN



Call 811 before you dig.

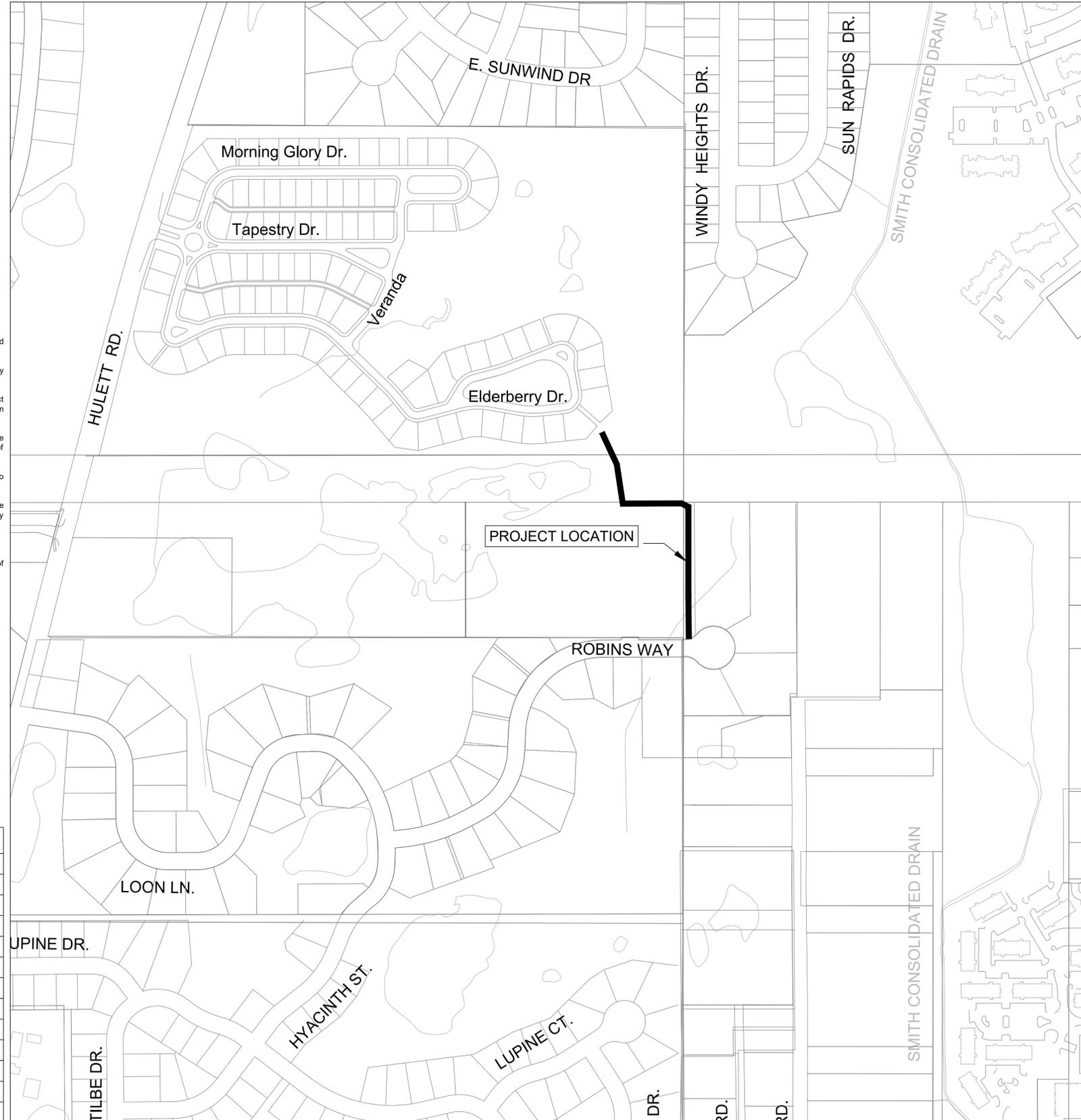
STANDARD CONSTRUCTION NOTES

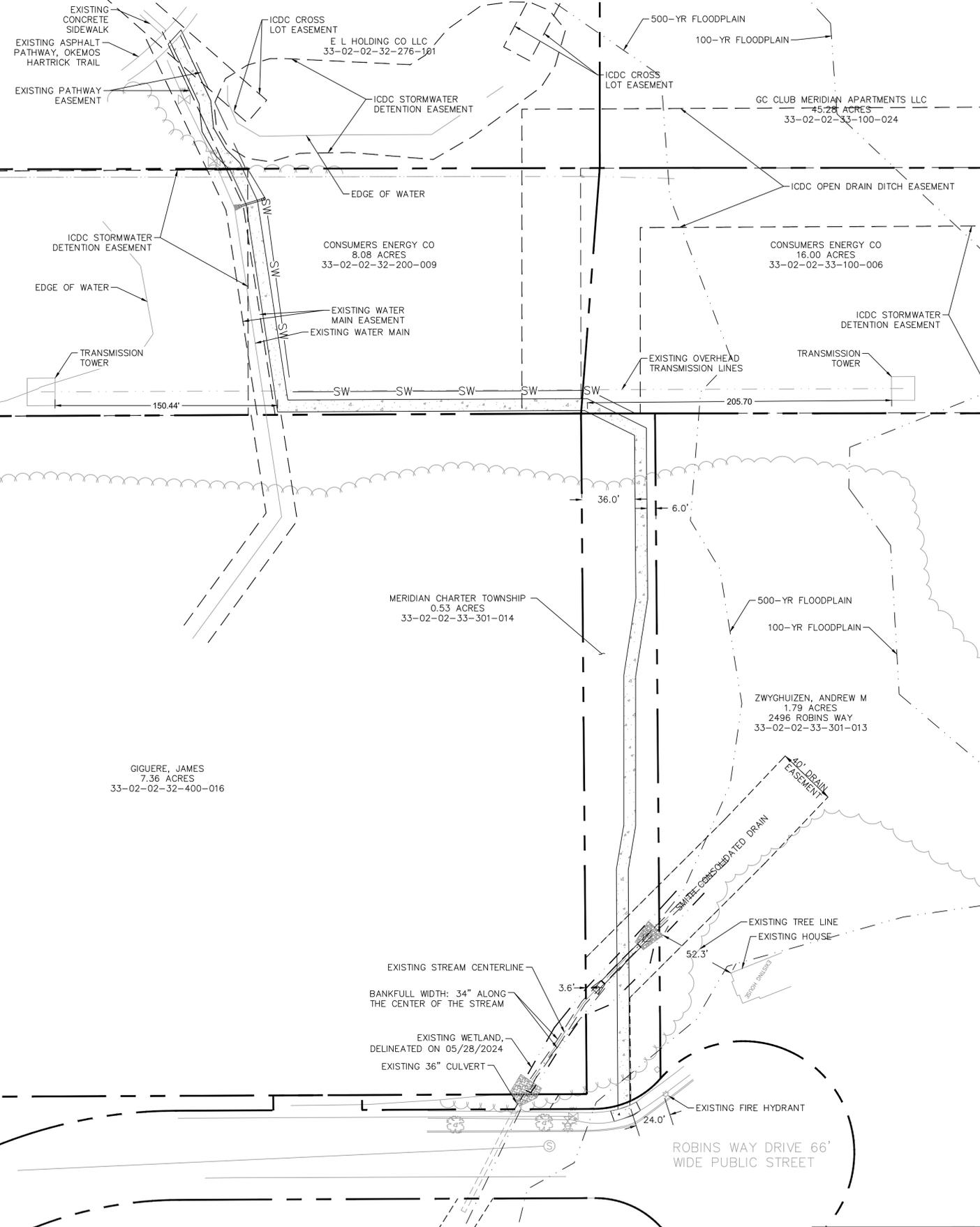
- The Contractor shall notify the Charter Township of Meridian, Department of Public Works, Office of Engineering 517-853-4440 a minimum of 72 hours prior to the start of construction of public utilities or of construction within the public right-of-way.
- All construction shall conform to the current standards and specifications of the Charter Township of Meridian which are included as part of these plans in effect at the time of construction.
- After the completion of construction of public utilities or construction within public right-of-way, the contractor must request a final inspection. Any punchlist items resulting from the final inspection must be resolved prior to final release and acceptance.
- The existing utilities indicated on the plans are in accordance with available information. It shall be the contractor's obligation to verify the exact location of all existing utilities, which might affect this job.
- The contractor shall notify "MISS DIG" 1-800-482-7171 at least 72 hours prior to the start of construction.
- The contractor shall at all times be aware of inconvenience caused to the abutting property owners and the general public. Where the contractor does not remedy undue inconveniences, the Charter Township of Meridian, upon four hours notice, reserves the right to perform the work and deduct the cost therefore from the money due the contractor.
- A Registered Land Surveyor provided by the contractor at the contractor's expense shall replace all property irons and monuments disturbed or destroyed by the contractor's operations.
- Contractor shall provide Owner and Township Engineer a copy of written permission to use private property for storage of equipment and materials or for his construction operations.
- Trench backfill under existing or proposed roadways, driveways, and parking areas, shall be sand or gravel, placed in 12" layers (maximum) and consolidated to 95% of maximum density as measured by modified proctor unless otherwise noted.
- Trees and shrubs are to be protected during construction and bored where necessary.
- Existing fences shall be removed and restored to their original condition or better where in conflict with construction.
- Driveways, culverts, ditches, drain tile, tile fields, drainage structures, etc., that are disturbed by the contractor's operations shall be immediately restored.
- All established lawn areas disturbed by the contractor's operations shall be resodded with matching sod. All other areas shall be seeded and mulched. Seeding and mulching shall be done in accordance with the General Specifications.
- All ditch slopes shall have established vegetation and be protected from erosion.
- All utility poles in close proximity to construction shall be supported in a manner satisfactory to the utility owner.
- Onsite parking and sanitary facilities shall be provided for construction workers. The facilities shall be constructed and operated (with minimal impact to the surrounding area) to the satisfaction of the Township.

PATHWAY NOTES

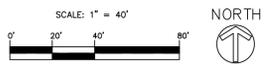
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- All bituminous aprons shall be two and one-half (2½) inches thick, unless otherwise noted.
- Property irons shall be maintained by the Contractor.
- All existing concrete and bituminous to be removed shall be sawcut. All bituminous removal shall be considered incidental to construction.
- All aggregate base material shall be four (4) inches of 22A.
- All tree (less than 6") and shrub removal shall be considered part of subgrade preparation.
- Location of new plant material shall be as directed by the Engineer, and shall be installed in accordance with guidelines established by the A.N.L.A.
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- The maximum longitudinal slope is 5% (up to an absolute maximum of 8½% at the direction of the Engineer) and the maximum cross slope is 2%.
- Expansion joints shall be placed at approximately 100' intervals and shall be ½" thick. Contraction joints shall be sawcut to a depth of ¼ of the depth of the concrete.
- All lumber to be pressure treated (Osmose 33 or equal) to 0.4 retention.
- All items not covered under a specific pay item shall be considered incidental.

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	OVERALL PATHWAY SITE PLAN
3	PATHWAY SITE PLAN
4	PATHWAY SITE PLAN
5	PATHWAY SITE PLAN
6	SESC PLAN
7	SESC PLAN
8	SESC DETAILS
9	CULVERT PROFILE AND CROSS SECTION
10	CULVERT PROFILE AND CROSS SECTION
11	CULVERT DETAILS
12	PATHWAY STANDARD DETAILS
13	TYPICAL SECTION
14	LANDSCAPE PLAN



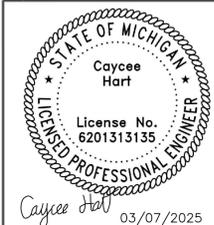


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Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan

PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: VI

REVISIONS:		
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01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
2 - OVERALL PATHWAY SITE PLAN

MATCH LINE SEE SHEET 4

GIGUERE, JAMES
7.36 ACRES
33-02-02-32-400-016

ZWYGHUIZEN, ANDREW M
1.79 ACRES
2496 ROBINS WAY
33-02-02-33-301-013

MERIDIAN CHARTER TOWNSHIP
0.53 ACRES
33-02-02-33-301-014

EXISTING CENTERLINE OF STREAM
BANKFULL WIDTH: 34" ALONG THE CENTER OF THE STREAM
EXISTING WETLAND, DELINEATED ON 5/28/2024
EXISTING 30" CULVERT

LIMITS OF DISTURBANCE

36" CONCRETE CULVERT

8" CONCRETE PATHWAY WITH 1" GRAVEL SHOULDERS (TYP.)

TIE INTO EXISTING 7" SIDEWALK

ROBINS WAY DRIVE 66' WIDE PUBLIC STREET

RIP RAP (TYP.)

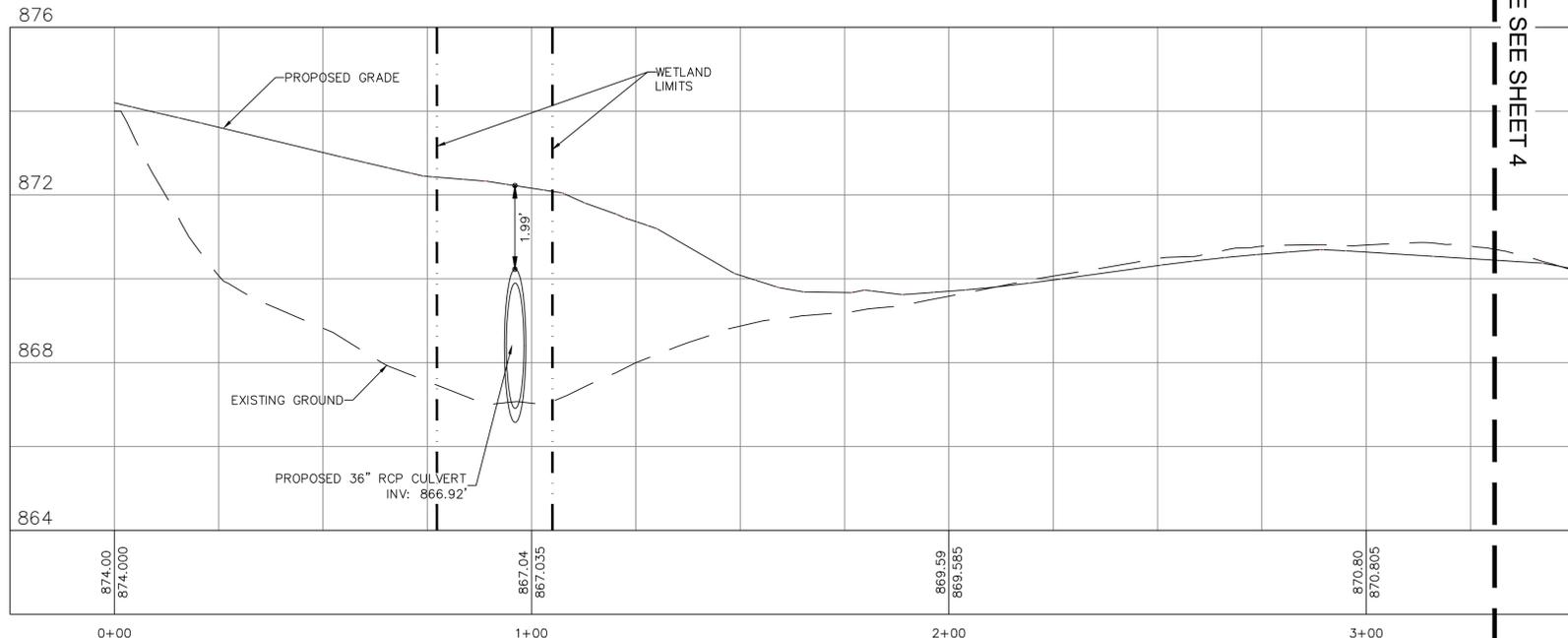
EXISTING TREE LINE

EXISTING HOUSE

EXISTING HOUSE

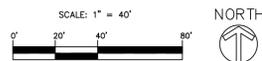
40' DRAIN EASEMENT

3+00
2+00
1+00
0+00



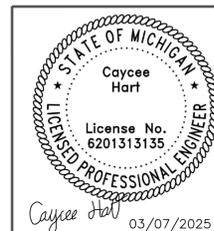
SCALE
HORZ: 1" = 20'
VERT: 1" = 2'

MATCH LINE SEE SHEET 4



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
09.11.24	CH	EGL E SUBMITTAL #2
01.02.25	CH	ICDC SUBMITTAL #2
01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
3 - PATHWAY SITE PLAN

E L HOLDING CO LLC
33-02-02-32-276-101

GC CLUB MERIDIAN APARTMENTS LLC
45.28 ACRES
33-02-02-33-100-024

CONSUMERS ENERGY CO
8.08 ACRES
33-02-02-32-200-009

CONSUMERS ENERGY CO
16.00 ACRES
33-02-02-33-100-006

CENTERLINE OF SWALE WITH CHECK DAMS (SEE DETAIL ON SHEET 13) (TYP.)

LIMITS OF DISTURBANCE

EXISTING OVERHEAD TRANSMISSION LINES

SWALE (TYP.)

8' CONCRETE PATHWAY WITH 1' GRAVEL SHOULDERS (TYP.)

STATION=4+25.95
OFFSET=6.37L

GIGUERE, JAMES
7.36 ACRES
33-02-02-32-400-016

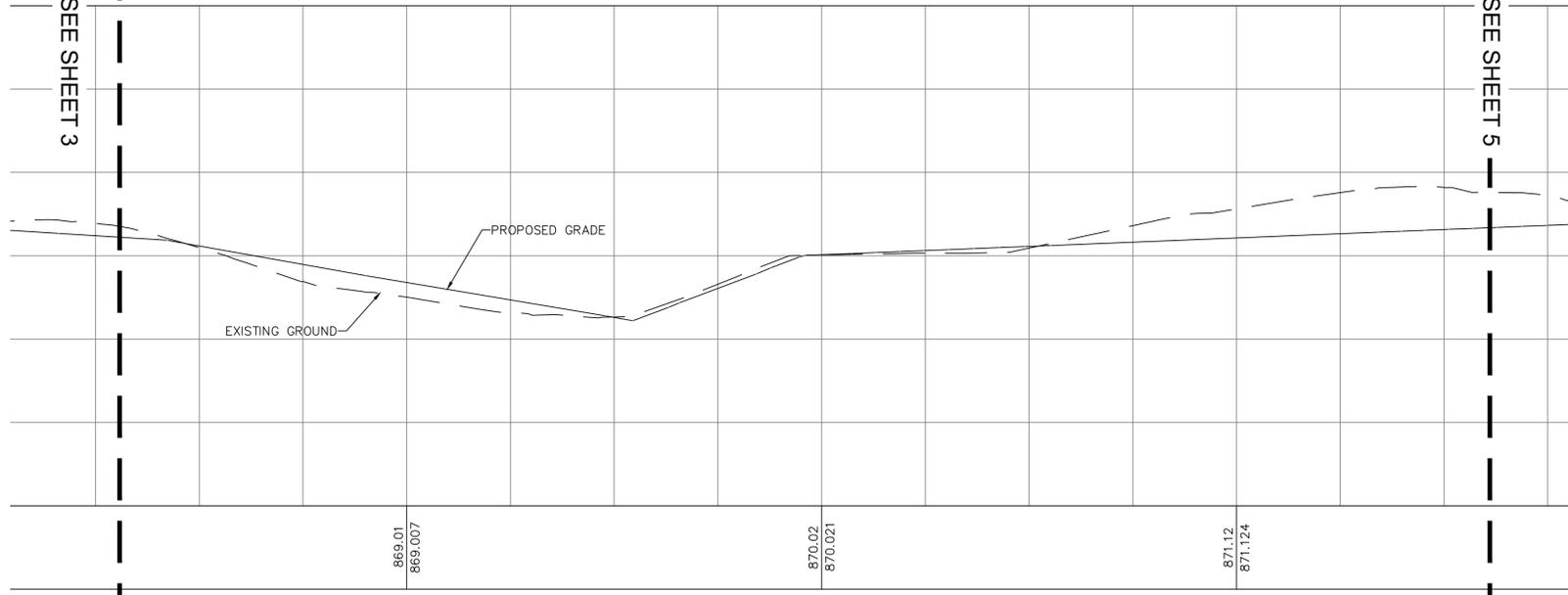
MERIDIAN CHARTER TOWNSHIP
0.53 ACRES
33-02-02-33-301-014

ZWYCHUIZEN, ANDREW M
1.79 ACRES
2496 ROBINS WAY
33-02-02-33-301-013

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 5



869.01
869.007

870.02
870.021

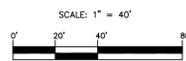
871.12
871.124

4+00

5+00

6+00

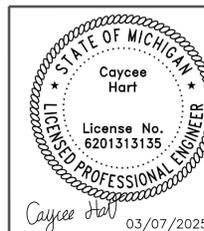
SCALE
HORZ: 1" = 20'
VERT: 1" = 2'



NORTH

Call 811 before you dig.

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Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY

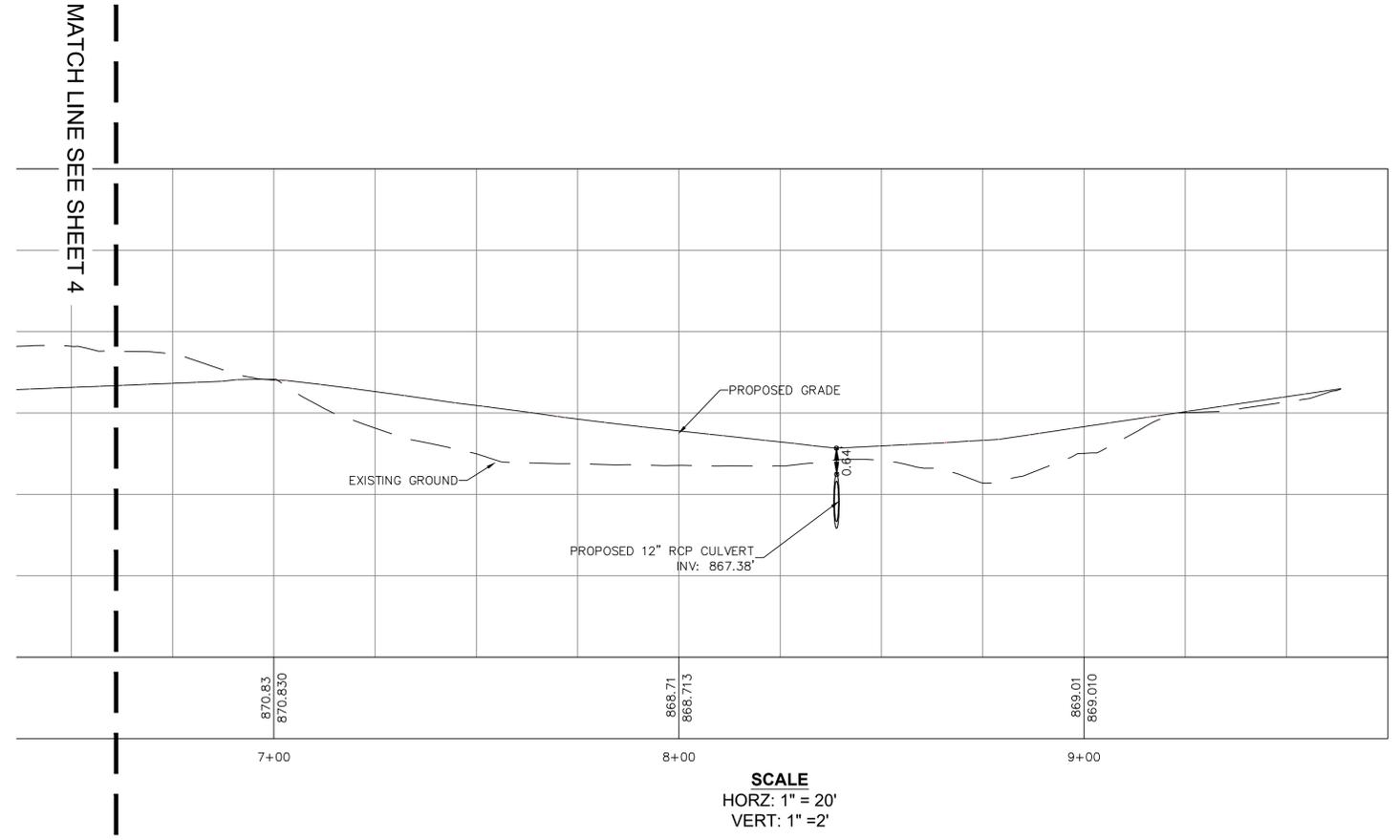
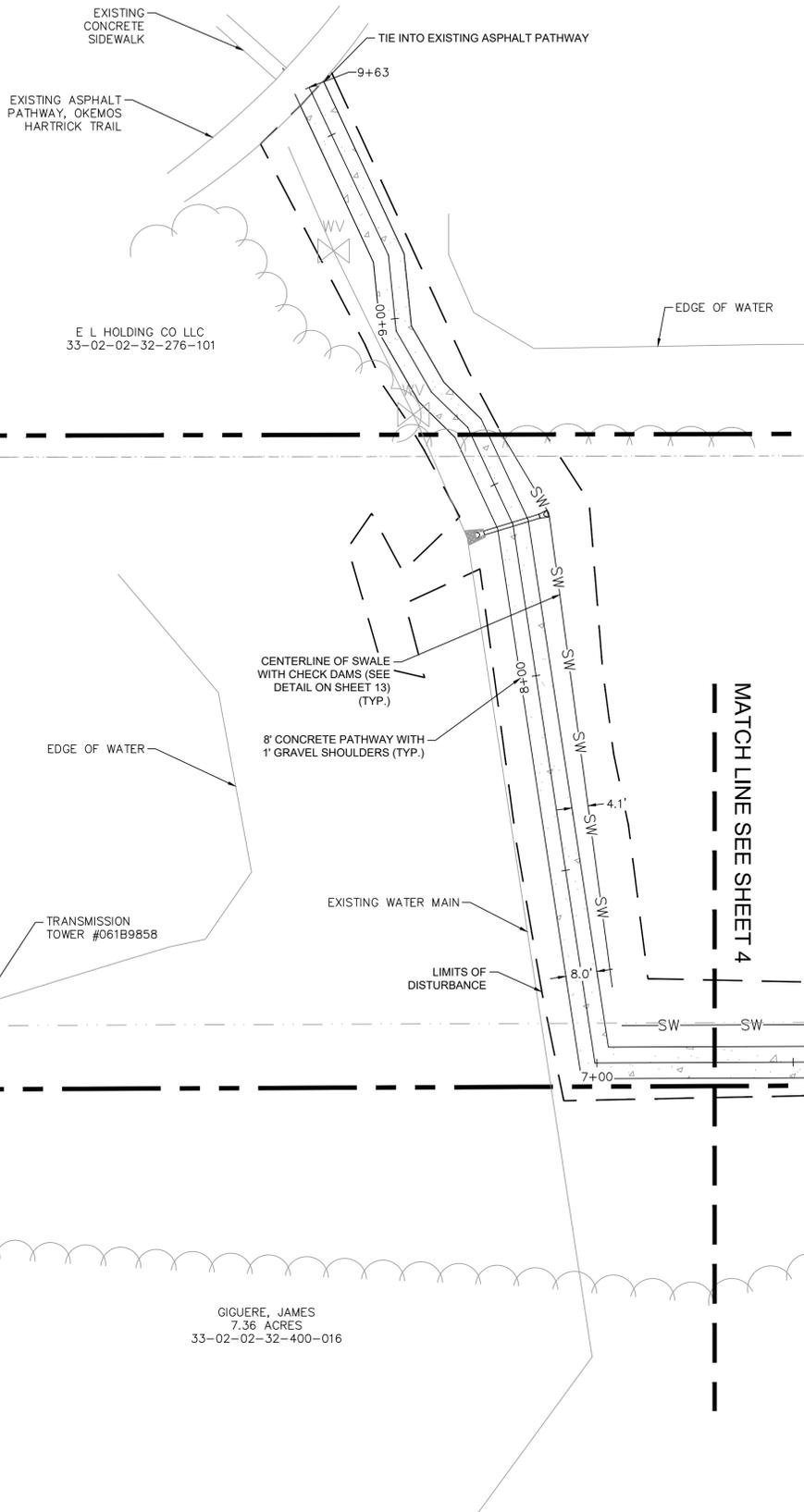
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH

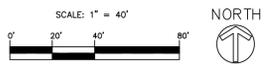
CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
09.11.24	CH	EGL E SUBMITTAL #2
01.02.25	CH	ICDC SUBMITTAL #2
01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
4 - PATHWAY SITE PLAN

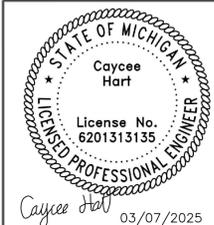


SCALE
 HORZ: 1" = 20'
 VERT: 1" = 2'



Call 811 before you dig.

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Meridian Charter Township
 Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY
 NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

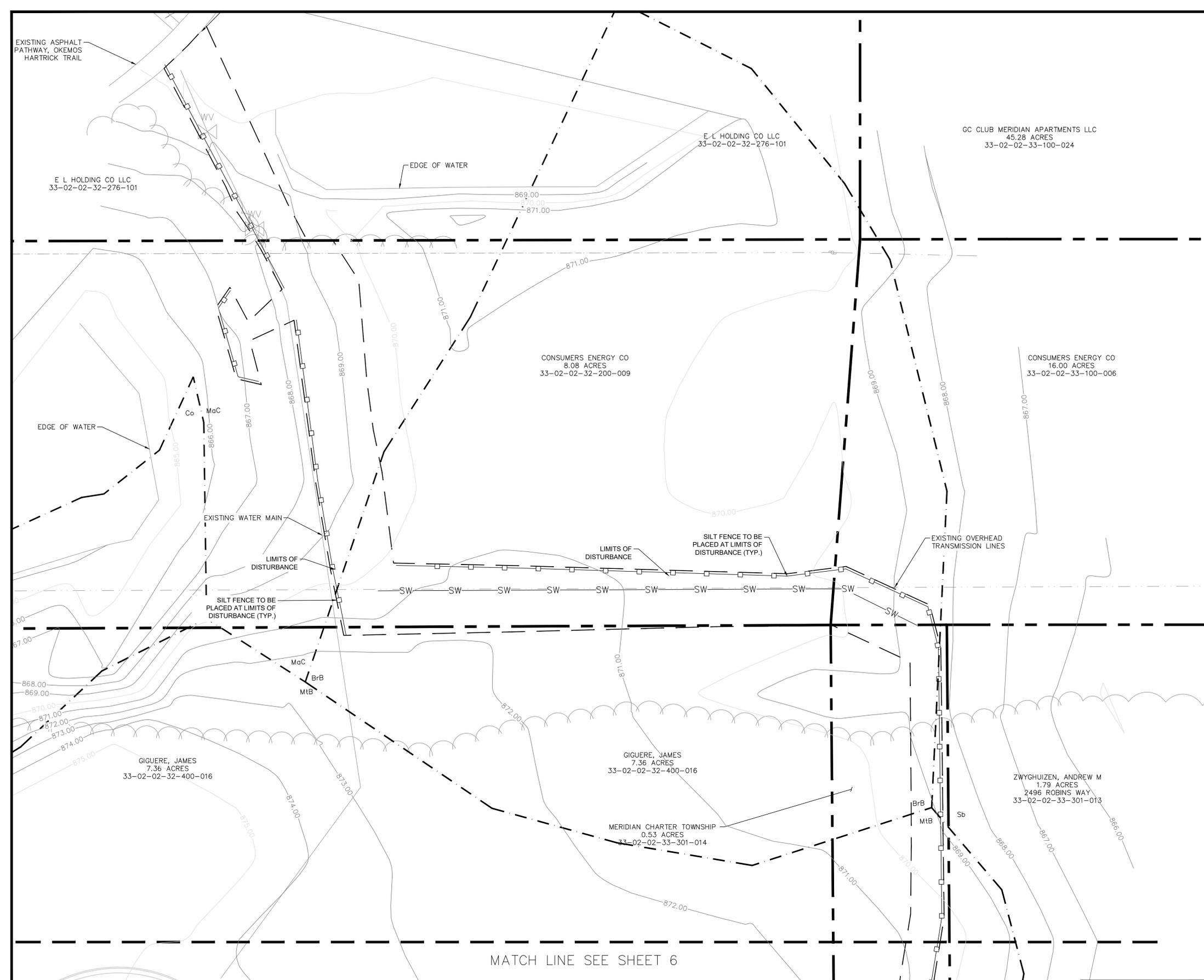
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REVISIONS:		
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01.02.25	CH	ICDC SUBMITTAL #2
01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

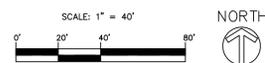
SHEET:
 5 - PATHWAY SITE PLAN

LEGEND

- PROPERTY LINE
- EXISTING EASEMENT
- EXISTING CONTOUR
- STREAM CENTER LINE
- BANKFULL WIDTH
- ORDINARY HIGH WATER MARK (OHWM)
- LIMIT OF DELINEATED WETLAND
- SOIL BOUNDARY
- AREA OF EXCAVATION WITHIN THE STREAMBED (360 SF)
- SILT FENCE
- SANDBAGS

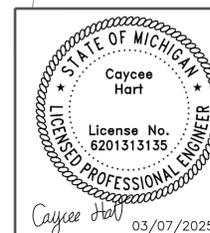


MATCH LINE SEE SHEET 6



Call 811 before you dig.

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Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY

NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: GH

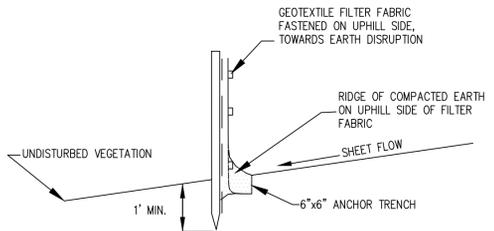
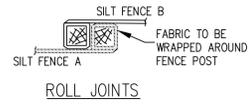
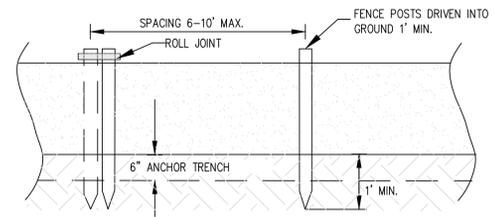
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DATE	BY:	COMMENTS:
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01.21.25	CH	ICDC SUBMITTAL #3
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01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

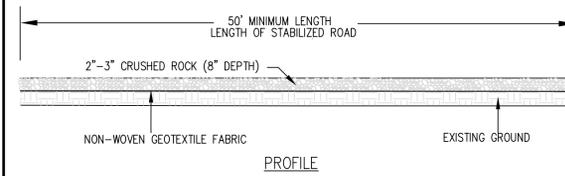
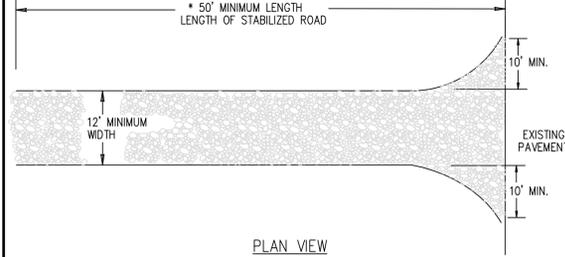
SHEET:
7 - SESC PLAN

Caycee Hart 03/07/2025

SILT FENCE



CONSTRUCTION ENTRANCE



- NOTES:**
1. Establish stabilized construction entrance prior to the initiation of site construction activities.
 2. Care should be taken to prevent material movement into adjacent wetlands/waterbodies.
 3. Care should be taken to maintain existing roadside drainage via culvert installation, with sediment sump placed downflow of culvert.

PERMANENT SEEDING SPECIFICATIONS

- When**
- To finalize stabilization of temporary seeding areas or when an area needs permanent stabilization following completion of construction. Also used when vegetative establishment can correct existing soil erosion or sedimentation problem.
 - Within 5 days of final grade.
- Why**
- To stabilize soil and prevent or reduce soil erosion/sedimentation problems from developing.
- Where**
- Used on construction and earth change sites which require permanent vegetative stabilization.
- How**
1. Review SESC plan and construction phasing to identify areas in need of permanent vegetative stabilization.
 2. Select perennial grass and ground cover for permanent cover.
 3. Seed mixes vary. However, they should contain native species.
 4. Seed mixes should be selected through consultation with a certified seed provider and with consideration of soil type, light, moisture, use applications, and native species content.
 5. Soil tests should be performed to determine the nutrient and pH levels in the soil. The pH may need to be adjusted to between 6.5 and 7.0.
 6. Prepare a 3-5" deep seedbed, with the top 3-4" consisting of topsoil.
 7. Slopes steeper than 1:3 should be roughened.
 8. Apply seed as soon as possible after seedbed preparation. Seed may be broadcast by hand, hydroseeding, or by using mechanical drills.
 9. Mulch immediately after seeding.
 10. Dormant seed mixes are for use after the growing season, using seed which lies dormant in the winter and begins growing as soon as site conditions become favorable.

PERMANENT SEEDING SPECIFICATIONS

- How (cont.)**
11. Protect seeded areas from pedestrian or vehicular traffic.
 12. Divert concentrated flows away from the seeded area until vegetation is established.
- Maintenance**
- Inspect weekly and within 24 hours following each rain event in the first few months following installation to be sure seed has germinated and permanent vegetative cover is being established.
 - Add supplemental seed as necessary.
- Limitations**
- Seeds need adequate time to establish.
 - May not be appropriate in areas with frequent traffic.
 - Seeded areas may require irrigation during dry periods.
 - Seeding success is site specific, consider mulching or sodding when necessary.

PERMANENT SEEDING

Planting Zones:	Lower Peninsula (South of T20N) Zone 1	Lower Peninsula (North of T20N) Zone 2	Upper Peninsula Zone 3
Seeding Window Permanent Seeding	4/15 - 10/10	5/1 - 10/1	5/1 - 9/20
Seeding Window Dormant Seeding*	11/15 - Freeze	11/01 - Freeze	11/01 - Freeze

Source: Adapted from MDT Interim 2003 Standard Specifications for Construction

	Zone 1 (Lower Peninsula South of U.S. 10)	Zone 2 (Lower Peninsula North of U.S. 10)	Zone 3 (Upper Peninsula)
Seeding Dates (with Irrigation or Mulch)	4/1 - 8/1	5/1 - 9/20	5/1 - 9/10
Seeding Dates (w/o Irrigation or Mulch)	4/1 - 5/20 or 8/10 - 10/1	5/1 - 6/10 or 8/1 - 9/20	5/1 - 6/15 or 8/1 - 9/20
Dormant Seeding Dates*	11/1 - Freeze	10/25 - Freeze	10/25 - Freeze

Source: Adapted from USDA NRCS Technical Guide #342 (1999)

* Dormant seeding is for use in the late fall after the soil temperature remains consistently below 50°F, prior to the ground freezing. This practice is appropriate if construction on a site is completed in the fall but the seed was not planted prior to recommended seeding dates. No seed germination will take place until spring. A cool season annual grass may be added in an attempt to have some fall growth.

- Mulch must be used with dormant seed.
- Do not seed when the ground is frozen or snow covered.
- Do not use a dormant seed mix on grassed waterways.

SILT FENCE MAINTENANCE & INSPECTIONS

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE SILT FENCE IS MAINTAINED AND FUNCTIONING.
2. THE SILT FENCE SHOULD BE INSPECTED AT LEAST WEEKLY. SILT FENCE SHOULD BE INSPECTED BEFORE FORECASTED RAIN EVENTS AND AFTER EACH RAIN EVENT.
3. FABRIC TEARS, POST FAILURES, VEHICLE DAMAGE, AND/OR UNDERMINING SHOULD BE REPAIRED IMMEDIATELY.
4. SEDIMENT BUILD UP SHOULD BE REMOVED WHEN IT REACHES 1/3 TO 1/2 THE HEIGHT OF THE SILT FENCE ABOVE THE GROUND ELEVATION.
5. REMOVE THE SILT FENCE ONCE THE SITE IS STABILIZED WITH PERMANENT SESC MEASURES.

CONSTRUCTION ENTRANCE MAINTENANCE & INSPECTIONS

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE CONSTRUCTION ENTRANCE IS MAINTAINED AND FUNCTIONING.
2. THE CONSTRUCTION ENTRANCE SHOULD BE INSPECTED DAILY DURING USE. THE ADJACENT ROADWAYS SHOULD ALSO BE INSPECTED FOR SOIL TRAC-KOUT.
3. CLEAN, REPLENISH (ADDING ADDITIONAL AGGREGATE LAYERS), OR REPLACE THE AGGREGATE SURFACE BEFORE SOIL BUILD UP CAUSES TRACK-OUT.
4. INCREASE THE LENGTH OF THE CONSTRUCTION ENTRANCE OR INSTALL A TIRE WASH IF THE ENTRANCE IS NOT EFFECTIVELY REMOVING SEDIMENT FROM THE TIRES DURING EGRESS.
5. IMMEDIATELY REMOVE ALL SEDIMENT DROPPED OR ERODED ONTO PUBLIC RIGHT-OF-WAYS BY SWEEPING OR SHOVELING. DO NOT WASH SEDIMENT INTO WATERWAYS OR STORM SEWERS.
6. IMMEDIATELY REMOVE ANY AGGREGATE THAT HAS LOOSENED FROM THE PAD AND ENDED UP ON THE ROADWAY.
7. REMOVE THE CONSTRUCTION ENTRANCE ONCE THE SITE IS STABILIZED WITH PERMANENT SESC MEASURES.

RIPRAP SPECIFICATIONS

- When**
- When concentrated water flows have the potential to create scour, down-cutting, or lateral cutting.
- Why**
- To prevent loss of land or damage to utilities or structures. In aquatic applications, riprap is used to control channel meander and maintain capacity, protect against wave attack, and reduce sediment load.
- Where**
- In natural or constructed channels with areas susceptible to erosion from the action of water, ice, or debris, or to damage by livestock or vehicular traffic.
 - In shoreline areas where the erosion problem may be solved through simple structural measures.
 - On slopes with profiles measuring 1:1.5 or less.
- How**
1. Review subject site to identify areas subject to concentrated flows or wave/current attack.
 2. The appropriateness and extent of riprap placement is site specific and should be determined in the field.
 3. The area under review for riprap placement must be shaped and contoured appropriately by grading prior to material placement.
 4. Non-woven geotextile fabric should be installed prior to riprap placement, with upper end and toe end of fabric buried or anchored to prevent movement.
 5. Riprap placement should be started at a stabilized location and ended at a stabilized or contoured point.
 6. Material selected for riprap should be hard, angular, and resistant to weathering. Appropriate material size depends on expected water energy and intended function of the material.

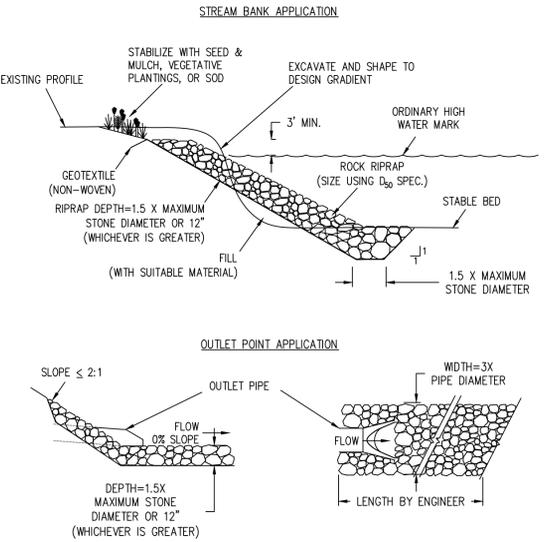
RIPRAP SPECIFICATIONS

- How (cont.)**
7. Riprap mixture should be an even mixture of stone sizes based on the average, or D_{50} . This means 50% of the stone, by size, will be larger than the diameter specified, and 50% will be smaller than the size specified. The diameter of the largest stone should not be more than 1.5 times the D_{50} stone size.
 8. See table on the following page for typical riprap stone sizes.
 9. Rock shall be placed so that larger rocks are uniformly distributed and in contact with one another. Smaller rocks should fill the voids.
 10. When in contact with moving water, riprap will tie into a stable bank at the downstream end and will be keyed into the bank at the upstream end. Riprap should extend 3 ft. above the ordinary high water mark or to the top of the bank on short slopes. Extend riprap a minimum 10 ft. beyond active erosion area.
- Maintenance**
- All installations should be inspected immediately after the first rainfall to confirm the stability of the placed material. Follow-up inspections should occur regularly and provisions made for prompt repair if needed.
- Limitations**
- Area is cleared prior to the addition of riprap, therefore no areas are preserved with native vegetation.

Weight (lbs.)	Average Spherical Diameter (in.) D_{50}	Typical Rectangular Shape Length (in.)	Typical Rectangular Shape Width/Height (in.)
50	10	18	6
100	13	21	7
150	14	24	8
300	18	30	10
500	22	36	12
1000	27	45	15
1500	31	52	17
2000	34	57	19
4000	45	72	24
6000	49	83	28
8000	54	90	30

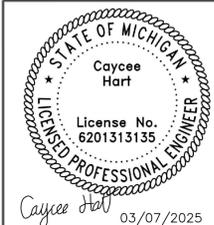
Source: Adapted from USDA NRCS

RIPRAP



Call 811 before you dig.

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Meridian Charter Township
Ingham County, Michigan

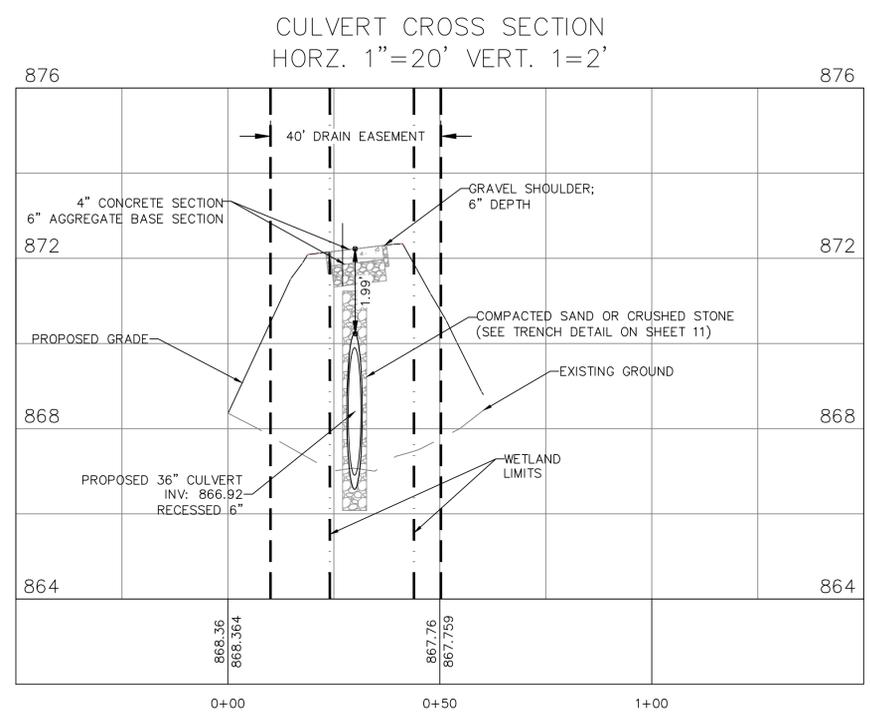
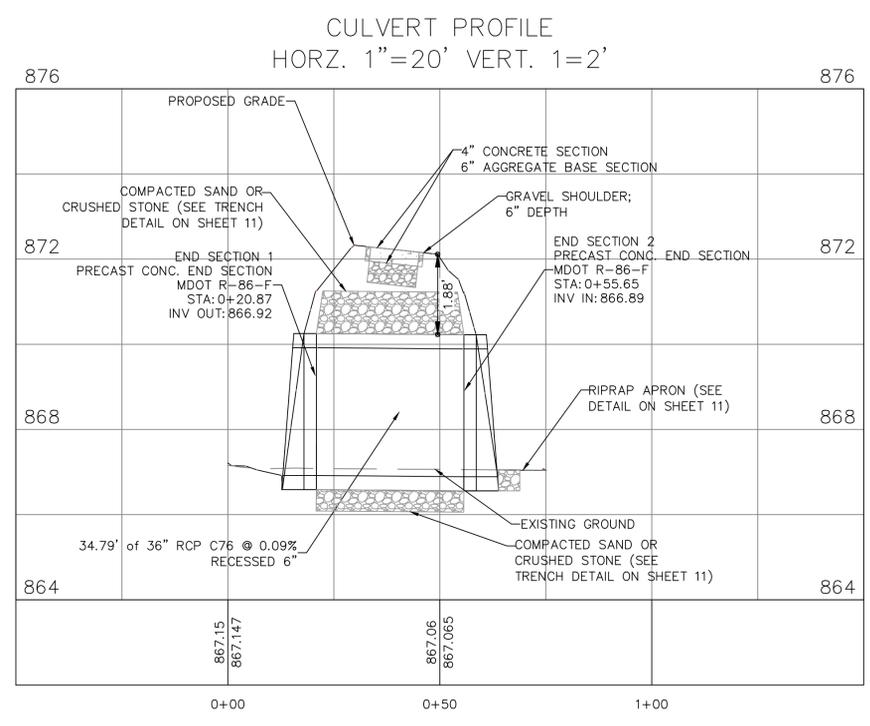
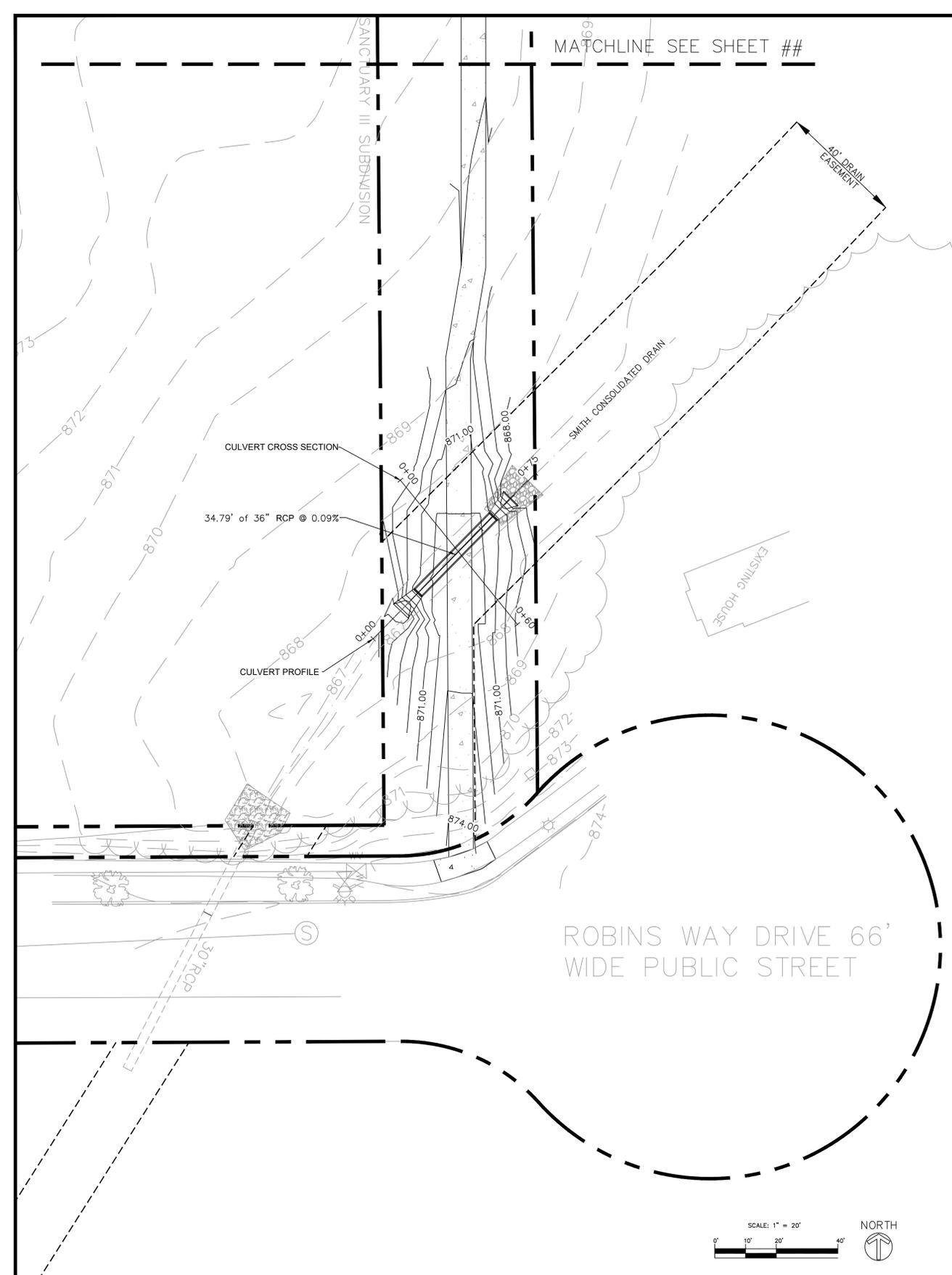
PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: GH CHECKED BY: YI

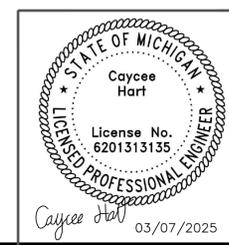
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01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
8 - SESC DETAILS



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Meridian Charter Township
Ingham County, Michigan

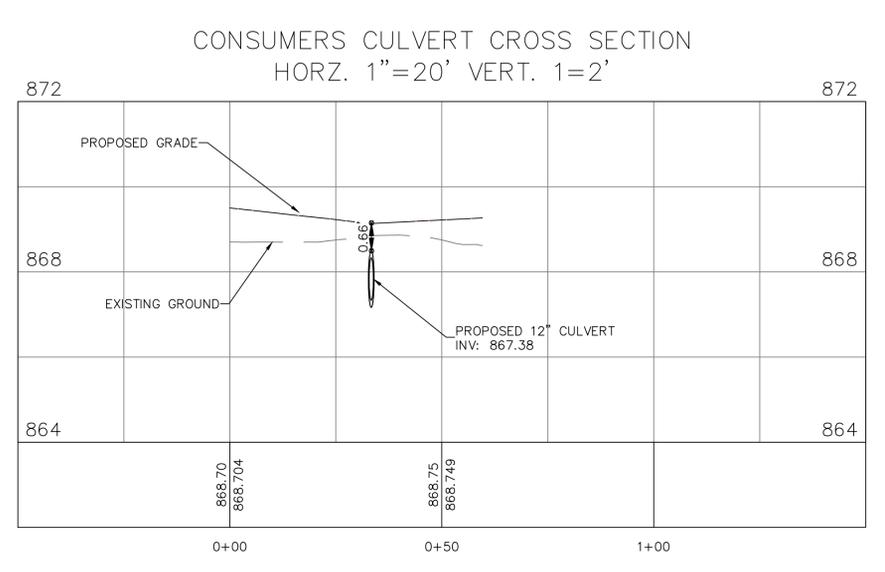
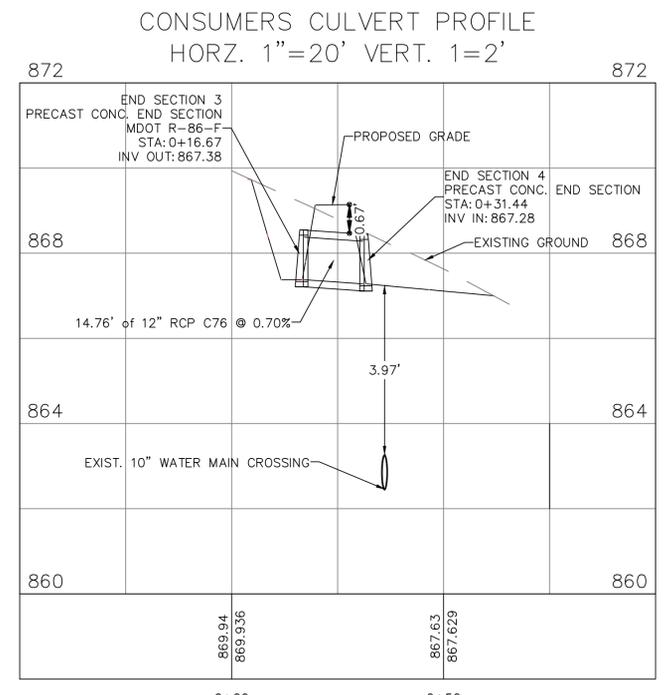
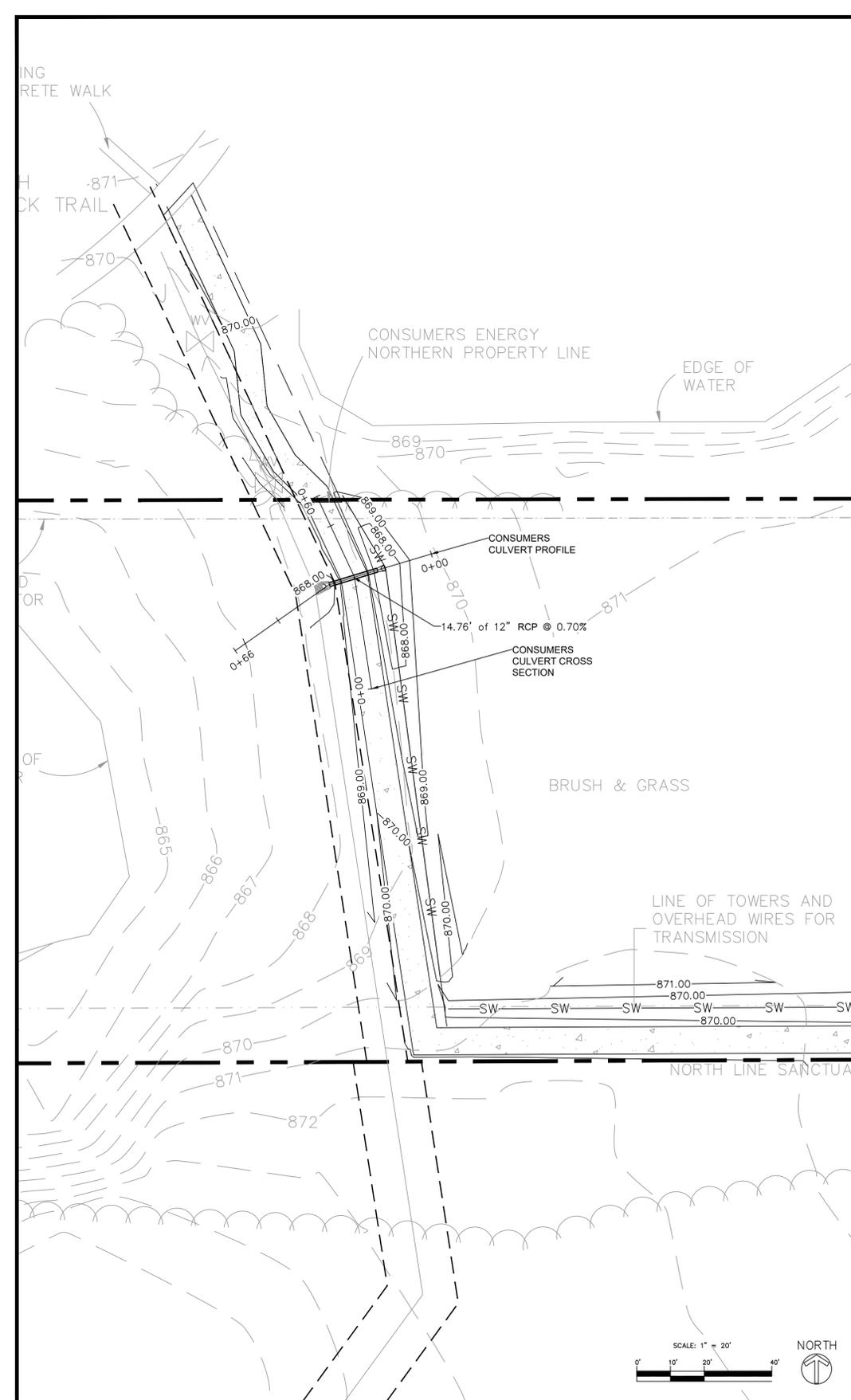
PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER
TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: GH CHECKED BY: YI

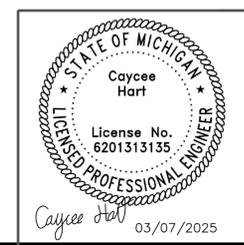
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01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:
9 - CULVERT PROFILE AND CROSS SECTION



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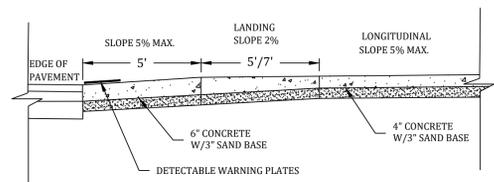
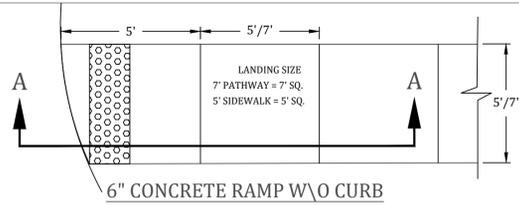
Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY
NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

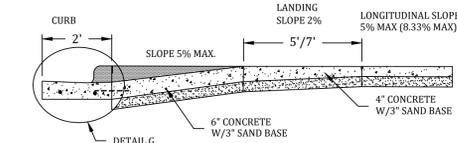
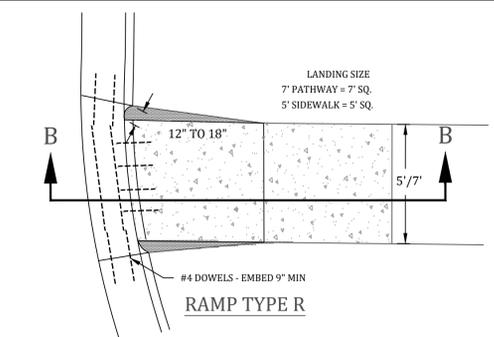
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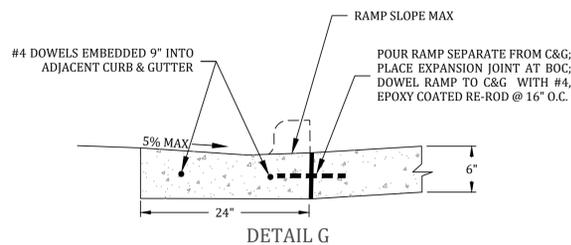
SHEET:
10 - CULVERT PROFILE AND CROSS SECTION



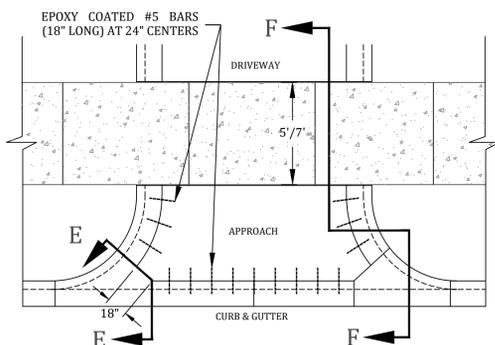
CROSS SECTION A-A



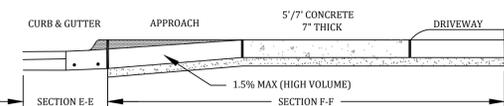
CROSS SECTION B-B



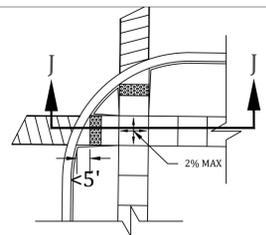
DETAIL G



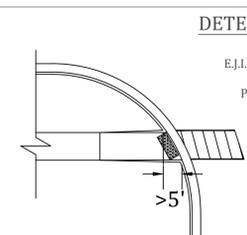
TYP. COMMERCIAL DRIVEWAY PLAN



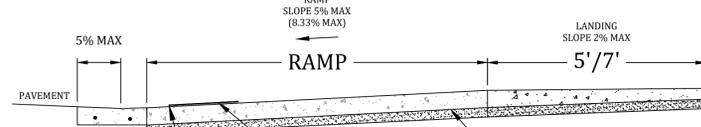
CROSS SECTIONS E-E; F-F



RAMPS LOCATED IN RADIUS



RAMP LOCATED IN RADIUS

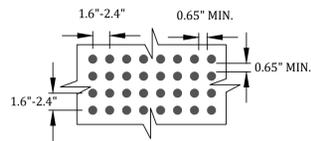


SECTION J-J

GRADE BREAKS AT THE TOP AND BOTTOM OF PERPENDICULAR CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF TRAVEL. AT LEAST ONE END OF THE BOTTOM GRADE BREAK SHALL BE AT THE BACK OF CURB.

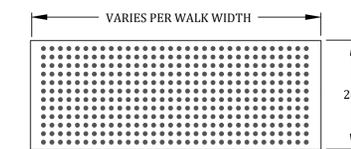
DETECTABLE WARNING DETAILS

E.I.L.W. 7005 DETECTABLE WARNING PLATE
SIZES AVAILABLE 12", 18" & 24"
PLATES MUST BE ASPHALTIC COATED



DOME SPACING

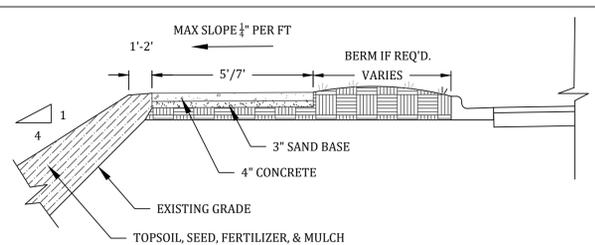
RAMP PERPENDICULAR TO TANGENT CURB



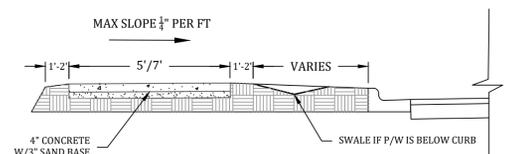
DOME ALIGNMENT

DOME SECTION

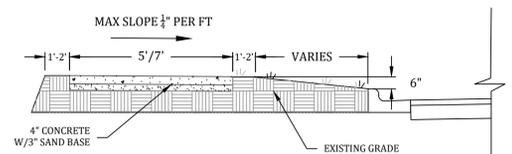
50% TO 65% OF BASE
0.9" TO 1.4" x 0.2"



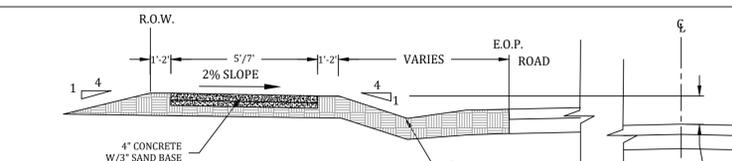
EMBANKMENT & BERM CROSS SECTION



SWALE CROSS SECTION

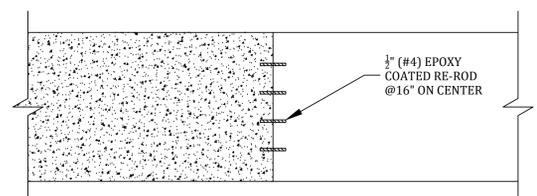


TYPICAL CROSS SECTION



TYPICAL SECTION W/O CURB

KEEP PATHWAY 1' HIGHER THAN ROAD CENTERLINE



CONCRETE PINNING DETAIL

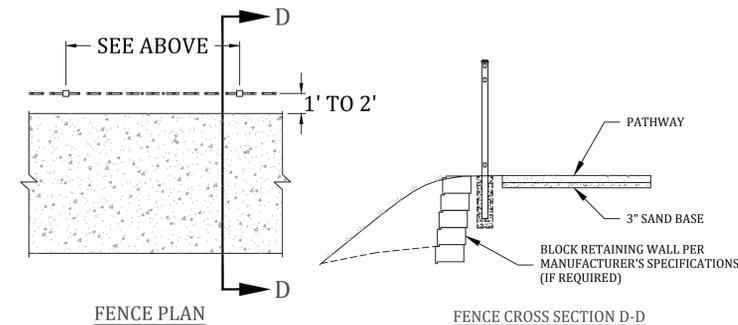
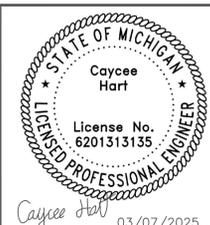
CROSS SECTION- (NO SCALE)

- GENERAL NOTES
1. SIDEWALKS/PATHWAYS SHALL BE 4" THICK CONCRETE EXCEPT AT DRIVEWAYS.
 2. SIDEWALKS/PATHWAYS THRU DRIVES SHALL BE: 6" (RESIDENTIAL); 7" (MULTI-RESIDENTIAL & COMMERCIAL)
 3. 3" OF COMPACTED SAND BASE SHALL BE PLACED UNDER ALL SIDEWALKS/PATHWAYS.
 4. ALL BITUMINOUS APRONS SHALL BE 2 1/2" THICK, UNLESS NOTED OTHERWISE
 5. PROPERTY IRONS SHALL BE MAINTAINED BY THE CONTRACTOR
 6. ALL EXISTING CONCRETE AND BITUMINOUS TO BE REMOVED SHALL BE SAWCUT. ALL CONCRETE AND BITUMINOUS REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
 7. ALL AGGREGATE BASE SHALL BE 22A, 4" THICK.
 8. ALL TREE AND BUSH REMOVAL SHALL BE CONSIDERED PART OF SUB-GRADE PREPARATION.
 9. LOCATION OF NEW PLANT MATERIAL SHALL BE AS DIRECTED BY THE ENGINEER, AND SHALL BE INSTALLED IN ACCORDANCE WITH GUIDELINES ESTABLISHED BY THE A.A.O.N.
 10. ALL PLANT MATERIAL NOT MARKED FOR REMOVAL SHALL BE PROTECTED.
 11. BITUMINOUS DRIVES SHALL BE SAWCUT 18" ON EITHER SIDE OF PROPOSED PATHWAY.



RESIDENTIAL DRIVEWAY SLOPES
WOLVERINE PIPE LINE COMPANY 219-844-9510

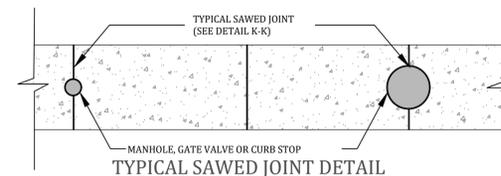
Call 811 before you dig.



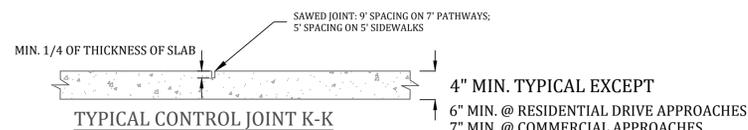
NOTE: FENCE POSTS CAN BE ANCHORED TO THE PATHWAY; THEN PATHWAY MUST BE WIDENED TO EIGHT FEET

FENCE PLAN

FENCE CROSS SECTION D-D

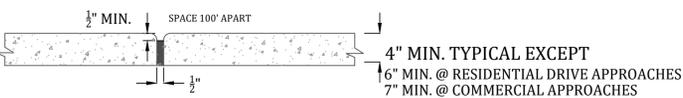


TYPICAL SAWED JOINT DETAIL



TYPICAL CONTROL JOINT K-K

4" MIN. TYPICAL EXCEPT
6" MIN. @ RESIDENTIAL DRIVE APPROACHES
7" MIN. @ COMMERCIAL APPROACHES



TYPICAL EXPANSION JOINT L-L

4" MIN. TYPICAL EXCEPT
6" MIN. @ RESIDENTIAL DRIVE APPROACHES
7" MIN. @ COMMERCIAL APPROACHES

Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY

NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH

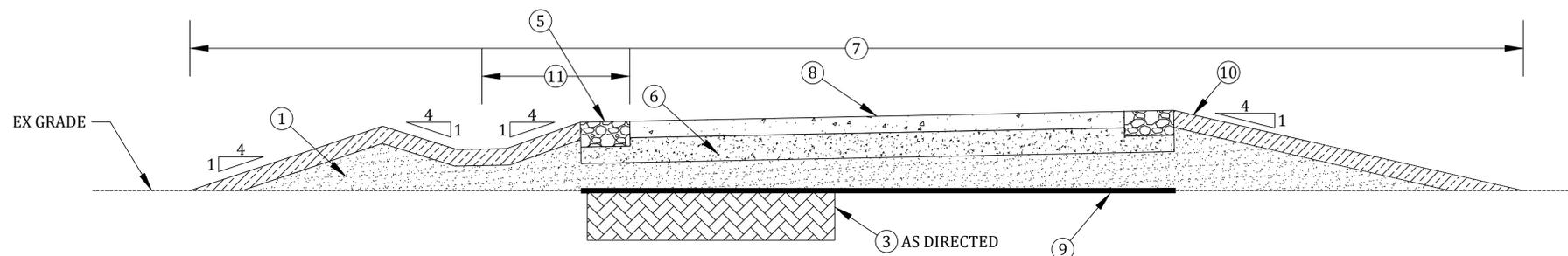
CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
09.11.24	CH	EGLE SUBMITTAL #2
01.02.25	CH	ICDC SUBMITTAL #2
01.21.25	CH	ICDC SUBMITTAL #3
01.27.25	CH	ICDC SUBMITTAL #4
01.30.25	CH	ICDC SUBMITTAL #5
3.07.25	CH	PATHWAY ALIGNMENT SHIF

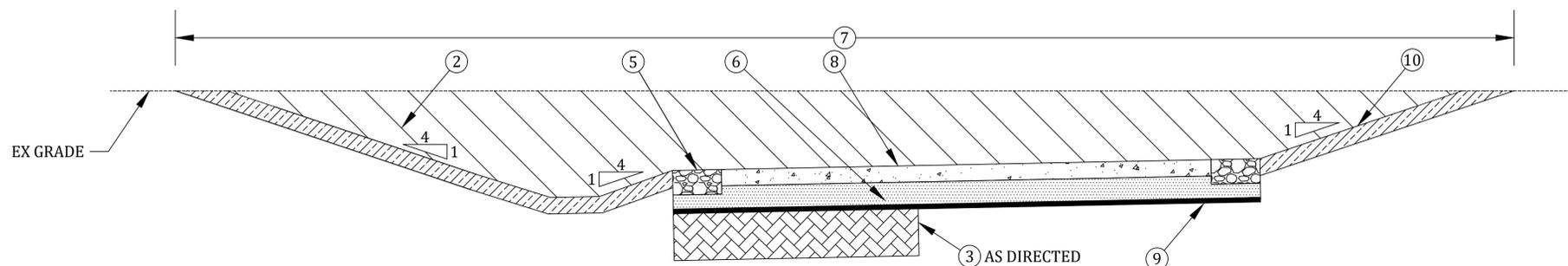
SHEET:

Caycee Hart 03/07/2025

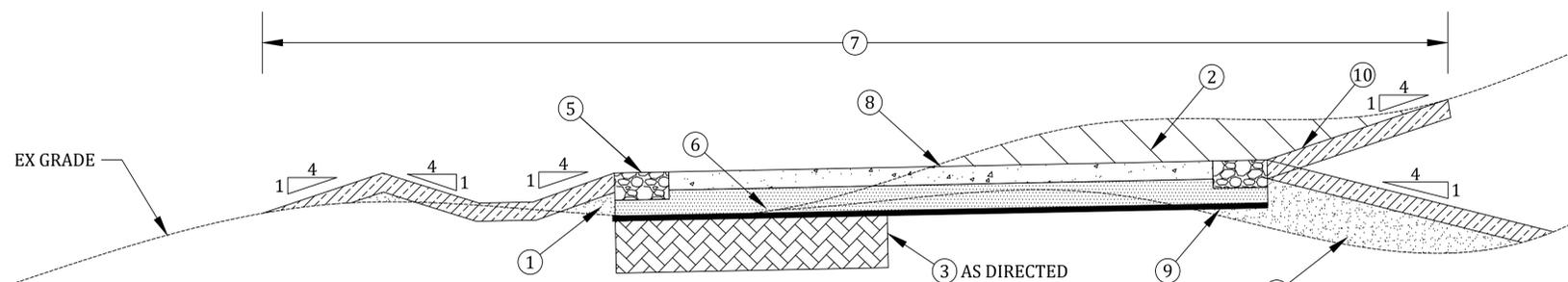
STATION 0+00 TO STATION 4+62 AND STATION 8+62 TO 9+64 DO NOT INCLUDE THE SWALE. AT THESE LOCATIONS THE CONTRACTOR SHALL TIE BACK INTO EXISTING GRADE USING A 4:1 SLOPE



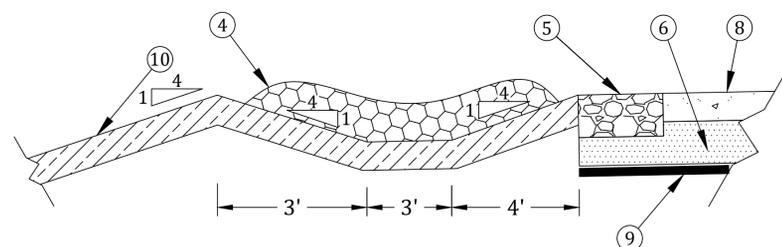
TYPICAL DETAIL: FILL
STA. 0+00 - 2+11, 6+97 - 9+18



TYPICAL DETAIL: CUT
STA. 5+52 - 6+97



TYPICAL DETAIL: MINOR CUT/FILL TO CONSTRUCT AT/NEAR GRADE
STA. 2+11 - 5+52, 9+18 - 9+64



TYPICAL DETAIL: SWALE (POST CONSTRUCTION RUNOFF MITIGATION)
STA. 4+62 - 8+62

PAY ITEM LEGEND:

- ① EMBANKMENT, LM
- ② EXCAVATION, EARTH
- ③ SUBGRADE UNDERCUTTING, TYPE II
- ④ EROSION CONTROL, CHECK DAM, STONE
- ⑤ SHLD, CL II, 6 INCH (1 FOOT WIDE)
- ⑥ SHARED USE PATH, AGGREGATE (6 INCH DEEP)
- ⑦ SHARED USE PATH, GRADING
- ⑧ SHARED USE PATH, CONCRETE
- ⑨ CHEMICAL ROOT INHIBITOR
- ⑩ SITE RESTORATION (3" SCREENED TOPSOIL)
- ⑪ DISTANCE FROM EDGE OF PATHWAY TO CENTERLINE OF THE SWALE VARIES, SEE PLAN

GENERAL NOTES:

- CROSS-SECTIONS ARE NOT TO SCALE.
- CROSS-SECTIONS ARE LOOKING DOWN-STATION.
- SALVAGE OR REMOVE EXISTING TOPSOIL WITHIN THE GRADING LIMITS, OR AS DIRECTED BY THE ENGINEER. REMOVAL AND DISPOSAL WILL BE PAID FOR AS EXCAVATION, EARTH.
- TOPSOIL FOR SITE RESTORATION MAY BE SALVAGED FROM SITE, BUT MUST BE SCREENED OR RAKED TO REMOVE 1" OR GREATER DEBRIS.
- FOR SITE RESTORATION, USE SEED MEETING MDOT THM MIXTURE.
- EMBANKMENT, LM SHALL BE CLASS II GRANULAR MATERIAL OR ASPHALT MILLINGS.
- SHARED USE PATH, AGGREGATE SHALL BE SAND OR ASPHALT MILLINGS.
- FOR EMBANKMENT, LM, SHLD, CL II, AND SHARED USE PATH, AGGREGATE THE CONTRACTOR MAY USE MILLINGS FROM THE STOCKPILE AT MERIDIAN TOWNSHIP'S SERVICE CENTER. IF THE CONTRACTOR IS INTERESTED IN USING MILLINGS THEY SHALL CONTACT THE ENGINEERING DEPARTMENT TO DISCUSS THE UNIT PRICE FOR THE MILLINGS. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE THE LABOR AND EQUIPMENT TO LOAD AND TRANSPORT THE MILLINGS FROM THE STOCKPILE LOCATION TO THE CONSTRUCTION SITE.

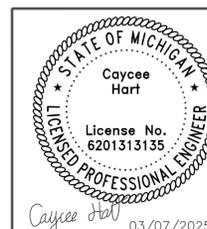
ESTIMATED CUT/FILL QUANTITIES:
TOTAL CUT- 175 CY
TOTAL FILL- 455 CY
NET FILL - 280 CY

CHECK DAMS:

- USE CHECK DAMS FOR SWALE GRADES 3-5%.
- SPACE OUT CHECK DAMS AT 20' O.C.
- USE 1-3" CRUSHED, WASHED STONE OR CONCRETE.

Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY II PATHWAY

NE 1/4 SECTION 32 AND NW 1/4 SECTION 33, T4N, R1W, MERIDIAN CHARTER TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: CH

CHECKED BY: YI

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3.07.25	CH	PATHWAY ALIGNMENT SHIFT

SHEET:

