

Site plan.pdf Markup Summary

Building Department (2)

Subject: Building Department
Author: J Rhoades
Date: 10/30/2025 4:10:29 PM
Status:

J Rhoades 248-841-2435
RhoadesJa@RochesterHills.org

J Rhoades 248-841-2435
RhoadesJa@RochesterHills.org

Yes

Subject: Building Department
Author: J Rhoades
Date: 10/30/2025 4:10:47 PM
Status:

Yes

Ellipse (1)

ANT / OWNER
AND L
TIAC
HILLS, MI
: PATRICK BURNS

Subject: Ellipse
Author: C.McLeod
Date: 11/6/2025 8:39:42 AM
Status:

Engineering Department (1)

J.Boughton.Hygen@gmail.com Yes
J.Boughton.Boughton@RochesterHills.org

Subject: Engineering Department
Author: Jason Boughton
Date: 10/24/2025 8:47:26 AM
Status:

Fire Department (1)

L.W.Murphy 248-541-2712 Yes
Murphy@RochesterHills.org

Subject: Fire Department
Author: Lieutenant W. Murphy
Date: 10/30/2025 7:13:08 AM
Status:

Group (14)



Subject: Group
Author: macdonaldj
Date: 10/22/2025 11:12:07 AM
Status:

City of Rochester Hills Planning & Economic
Development



Subject: Group
Author: C.McLeod
Date: 11/6/2025 8:41:31 AM
Status:



Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:37:30 AM
Status:

LB



Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:37:34 AM
Status:

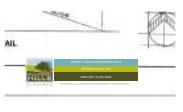
Tree Removal Permit



Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:37:37 AM
Status:

LIP

CITY
 **BP** Building Permit
Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:37:27 AM
Status:


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:40:12 AM
Status:

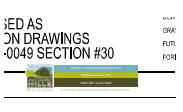
REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:40:19 AM
Status:

REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:40:23 AM
Status:

REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:40:28 AM
Status:

REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:41:16 AM
Status:

REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:41:26 AM
Status:

REVISION: Revision #3


Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:41:31 AM
Status:

REVISION: Revision #3

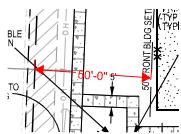

Subject: Group
Author: C.McLeod
Date: 10/31/2025 11:41:36 AM
Status:

REVISION: Revision #3

Jenny McGuckin - YES (1)

Subject: Jenny McGuckin - YES
Author: Seth Bucholz
Date: 11/3/2025 11:57:46 AM
Status:

Length Measurement (1)



Subject: Length Measurement
Author: C.McLeod
Date: 11/6/2025 8:43:34 AM
Status:

50'-0"

50-foot dimension added to plan

Natural Resources (1)

Matt Einheuser 248-84-2551 No
Einheuser@rochestermn.org

Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:02:11 PM
Status:

Natural Resources (10)



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 11:54:43 AM
Status:

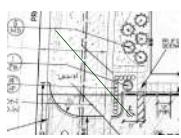
+ 8 saved on parcel to be transferred to OCRC. This equal 14 tree preserved out of the total 43 tree = 32%. 3 additional tree will need to be saved on site as part of the plan to meet the code, which requires 40% tree preservation.



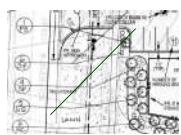
Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 11:55:03 AM
Status:

\$334/tree

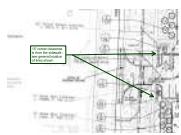
Amount Revised



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 11:55:57 AM
Status:



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 11:56:23 AM
Status:



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 11:57:20 AM
Status:

15' corner clearance is from the sidewalk - see general location of lines shown

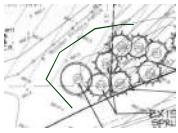
Revised location of corner clearance



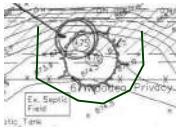
Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:00:36 PM
Status:

4 replacements provided + 19 into the tree fund = 23 trees. Make sure all regulated trees proposed for removal are replaced. This total should equal your total trees removed number.

Revised quantity of trees to be included in tree fund



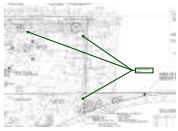
Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:01:29 PM
Status:



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:01:36 PM
Status:



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:01:41 PM
Status:



Subject: Natural Resources
Author: Matt Einheuser
Date: 11/3/2025 12:02:00 PM
Status:

Add tree protection fencing

Tree protection fencing added to plans

Planning Department (8)



Subject: Planning Department
Author: C.McLeod
Date: 10/31/2025 10:01:20 AM
Status:

If area is not dedicated to RCOC, appropriate landscaping pursuant to ordinance will be required in this area.

Signed quit claim deed was submitted to RCOC 11/20/25. Awaiting recording.



Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:40:18 AM
Status:

Next Steps: Next Steps: Submit revised site plans addressing reviewers comments. Application will need Planning Commission approval for a Tree Removal Permit and Site Plan Approval



Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:39:42 AM
Status:

ADM



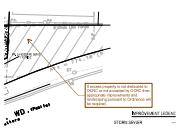
Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:40:29 AM
Status:



Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:41:15 AM
Status:

Assessing

Yes



Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:44:52 AM
Status:

If excess property is not dedicated to OCRC or not accepted by OCRC then appropriate improvements and landscaping pursuant to Ordinance will be required.

Signed quit claim deed was submitted to RCOC 11/20/25. Awaiting recording.

Landscape Bond = \$98,410 plus applicable landscape inspection fees.

Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 8:46:27 AM
Status:

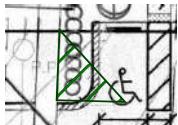
Landscape Bond = \$98,410 plus applicable landscape inspection fees.

TOWN
CITY OF ROCHESTER HILLS

Subject: Planning Department
Author: C.McLeod
Date: 11/6/2025 9:06:23 AM
Status:

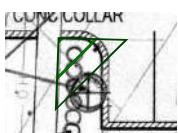
Based on Natural Resources denial

Polygon Sketch to Scale (2)



Subject: Polygon Sketch to Scale
Author: Matt Einheuser
Date: 11/3/2025 11:55:43 AM
Status:

124.67 sf



Subject: Polygon Sketch to Scale
Author: Matt Einheuser
Date: 11/3/2025 11:56:11 AM
Status:

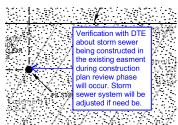
115.33 sf

Traffic (1)



Subject: Traffic
Author: Keith
Date: 11/5/2025 3:05:54 PM
Status:

Underground Utilities (1)

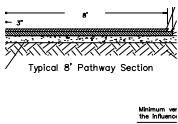


Subject: Underground Utilities
Author: Jason Boughton
Date: 10/24/2025 8:47:04 AM
Status:

Noted

Verification with DTE about storm sewer being constructed in the existing easement during construction plan review phase will occur. Storm sewer system will be adjusted if need be.

(59)



Subject:
Author: AutoCAD SHX Text
Date:
Status:

Typical 8' Pathway Section

8'

Subject:
Author: AutoCAD SHX Text
Date:
Status:

8'

8'-6"

Subject:
Author: AutoCAD SHX Text
Date:
Status:

8'-6"

9'-0"

Subject: 9'-0"
Author: AutoCAD SHX Text
Date:
Status:

3"

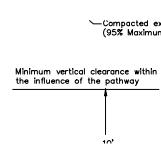
Subject: 3"
Author: AutoCAD SHX Text
Date:
Status:

3"

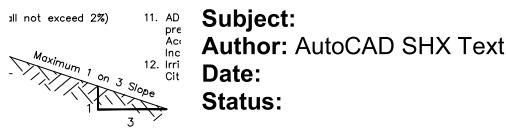
Subject: 3"
Author: AutoCAD SHX Text
Date:
Status:

- 3'-0"
Graded

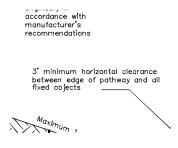
Subject: 3'-0"
Author: AutoCAD SHX Text
Date:
Status:



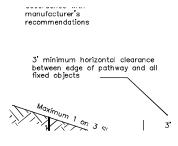
Subject: the influence of the pathway
Author: AutoCAD SHX Text
Date:
Status:



Subject: Maximum 1 on 3 Slope
Author: AutoCAD SHX Text
Date:
Status:



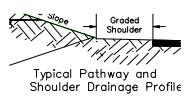
Subject: 3' minimum horizontal clearance
Author: AutoCAD SHX Text
Date:
Status:



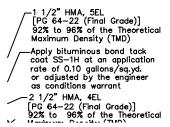
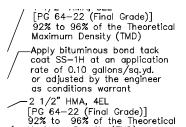
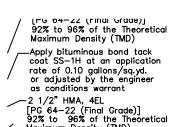
Subject: between edge of pathway and all
Author: AutoCAD SHX Text
Date:
Status:

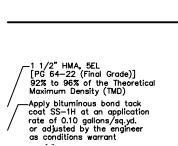
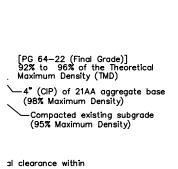
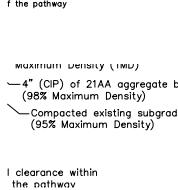
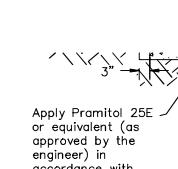
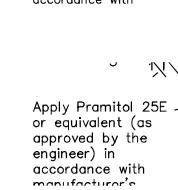
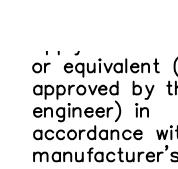
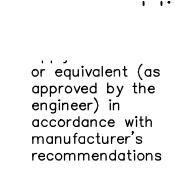
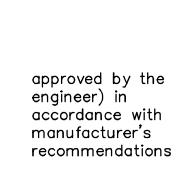
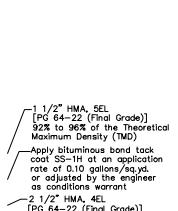
3' minimum hor between edge c fixed objects

Subject: fixed objects
Author: AutoCAD SHX Text
Date:
Status:



Subject: Typical Pathway and
Author: AutoCAD SHX Text
Date:
Status:

<p>8' Pathway</p> <p>3' Graded Shoulder</p> <p>3' Graded Shoulder</p> <p>10'</p> <p></p> <p></p> <p></p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">8' Pathway</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">3' Graded Shoulder</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">3' Graded Shoulder</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">10'</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">coat SS-1H at an application rate of 0.10 gallons/sq.yd.</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">or adjusted by the engineer</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">1 1/2" HMA, 5EL</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">2 1/2" HMA, 4EL</p> <p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p style="text-align: right;">4" (CIP) of 21AA aggregate base</p>
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 <p>1/2" HMA, 5EL [PG 64-22 (Final Grade)] 92% to 96% of the Theoretical Maximum Density (TMD) Apply bituminous bond tack coat SS-1H at an application rate of 0.10 gallons/sq.yd. or as approved by the engineer as conditions warrant</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>92% to 96% of the Theoretical Maximum Density (TMD)</p>
 <p>4" (CIP) of 21AA aggregate base (98% Maximum Density) Compacted existing subgrade (95% Maximum Density) 1 clearance within the pathway</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>Compacted existing subgrade</p>
 <p>4" (CIP) of 21AA aggregate base (98% Maximum Density) Compacted existing subgrade (95% Maximum Density) 1 clearance within the pathway</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>(95% Maximum Density)</p>
 <p>3" Pramitol 25E or equivalent (as approved by the engineer) in accordance with manufacturer's</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>Apply Pramitol 25E</p>
 <p>3" Pramitol 25E or equivalent (as approved by the engineer) in accordance with manufacturer's</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>or equivalent (as approved by the engineer) in</p>
 <p>3" Pramitol 25E or equivalent (as approved by the engineer) in accordance with manufacturer's</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>or equivalent (as approved by the engineer) in accordance with manufacturer's</p>
 <p>3" Pramitol 25E or equivalent (as approved by the engineer) in accordance with manufacturer's</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>accordance with manufacturer's</p>
 <p>3" Pramitol 25E approved by the engineer) in accordance with manufacturer's recommendations</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>approved by the engineer) in accordance with manufacturer's recommendations</p>
 <p>3" Pramitol 25E approved by the engineer) in accordance with manufacturer's recommendations</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>recommendations</p>
 <p>2 1/2" HMA, 4EL [PG 64-22 (Final Grade)] 92% to 96% of the Theoretical Maximum Density (TMD) Apply bituminous bond tack coat SS-1H at an application rate of 0.10 gallons/sq.yd. or as approved by the engineer as conditions warrant</p>	<p>Subject: Author: AutoCAD SHX Text Date: Status:</p> <p>Apply bituminous bond tack</p>

Apply bituminous bond tar coat SS-1H at an applica-
rate of 0.10 gallons/sq.yd
or determined by the engineer
as conditions warrant
- 1/8" HMA - 4EL
[PG 64-22 (Final Grade)]
92% to 96% of the Theor-
Maximum Density (TMD)
Compacted existing subgr-
(95% Maximum Density)

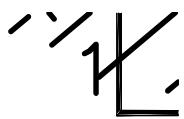
Subject:
Author: AutoCAD SHX Text
Date:
Status: as conditions warrant

[PG 64-22 (Final Grade)]
92% to 96% of the Theor-
Maximum Density (TMD)
- 4" (DIP) of 21AA aggregate
(98% Maximum Density)
Compacted existing subgr-
(95% Maximum Density)

Subject:
Author: AutoCAD SHX Text
Date:
Status: (98% Maximum Density)

Apply Pramitol 25E
or equivalent (as
approved by the
engineer) in
accordance with
manufacturer's

Subject:
Author: AutoCAD SHX Text
Date:
Status: approved by the



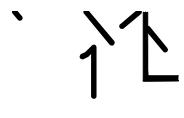
Subject:
Author: AutoCAD SHX Text
Date:
Status: 1



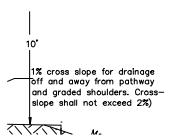
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Author: AutoCAD SHX Text
Date:
Status: 3



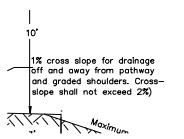
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Author: AutoCAD SHX Text
Date:
Status: 3



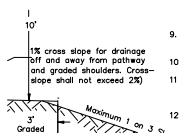
Subject:
Author: AutoCAD SHX Text
Date:
Status: 1



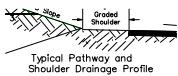
Subject:
Author: AutoCAD SHX Text
Date:
Status: 1% cross slope for drainage



Subject:
Author: AutoCAD SHX Text
Date:
Status: off and away from pathway

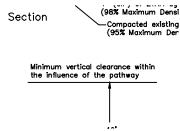


Subject:
Author: AutoCAD SHX Text
Date:
Status: and graded shoulders. Cross-



Subject:
Author: AutoCAD SHX Text
Date:
Status:

Shoulder Drainage Profile



Subject:
Author: AutoCAD SHX Text
Date:
Status:

Minimum vertical clearance within

— 3'-0" Graded Shoulder

Subject:
Author: AutoCAD SHX Text
Date:
Status:

Graded

— u Graded Shoulder (Typ.)

Subject:
Author: AutoCAD SHX Text
Date:
Status:

Shoulder

Shoulder (Typ.)

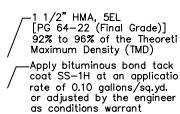
Subject:
Author: AutoCAD SHX Text
Date:
Status:

(Typ.)

Standard Details:

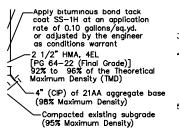
Subject:
Author: AutoCAD SHX Text
Date:
Status:

%%UStandard Details:



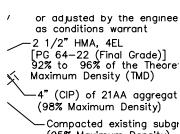
Subject:
Author: AutoCAD SHX Text
Date:
Status:

Maximum Density (TMD)



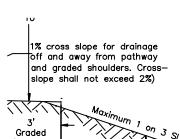
Subject:
Author: AutoCAD SHX Text
Date:
Status:

92%% to 96%% of the Theoretical



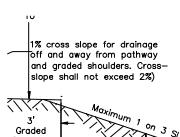
Subject:
Author: AutoCAD SHX Text
Date:
Status:

Maximum Density (TMD)



Subject:
Author: AutoCAD SHX Text
Date:
Status:

slope shall not exceed 2%%)



Subject:
Author: AutoCAD SHX Text
Date:
Status:

slope shall not exceed 2%%)

Subject:

Author: AutoCAD SHX Text

Date:

Status:

1

Subject:

Author: AutoCAD SHX Text

Date:

Status:

1

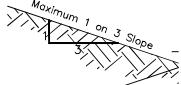
Subject:

Author: AutoCAD SHX Text

Date:

Status:

Maximum 1 on 3 Slope



Subject:

Author: AutoCAD SHX Text

Date:

Status:

[PG 64-22 (Final Grade)]

1 1/2" HMA, 4EL
[PG 64-22 (Final Grade)]
92% to 96% of the Theoretical
Maximum Density (TMD)
 Apply bituminous bond tack
coat SS-1H at an application
rate of 0.10 gallons/sq.yd.

coat SS-1H at an application
rate of 0.10 gallons/sq.yd.
or adjusted by the engineer
as required
 2 1/2" HMA, 4EL
[PG 64-22 (Final Grade)]
92% to 96% of the Theoretical
Maximum Density (TMD)
 4" CIP) of 21AA aggregate t
(98% Maximum Density)
Poured concrete subgrade

Subject:

Author: AutoCAD SHX Text

Date:

Status:

[PG 64-22 (Final Grade)]



Subject:

Author: AutoCAD SHX Text

Date:**Status:**

Standard Notes: 1. Maximum grade of 8.33% along pathway (less than 5% is recommended). 2. 1% cross slope (i.e. super elevation) for drainage off and away from pathway and graded shoulders (2% maximum cross-slope). 3. 60' minimum center line radii for pathway 60' minimum center line radii for pathway horizontal alignment. 4. Provide a minimum of 3' horizontal Provide a minimum of 3' horizontal clearance and 10' vertical clearance from all fixed objects and the edge of pathway surface. Relocation of existing objects (i.e. mail boxes, signs, etc.) shall be considered incidental work items. 5. Pathway ramps shall be constructed in Pathway ramps shall be constructed in accordance with MDOT standard detail R-28 Series and shall have a minimum clear opening of 8' wide. 6. A clean saw cut joint shall be provided A clean saw cut joint shall be provided wherever new pavement matches existing pavement (incidental work item). 7. Utility structures shall be adjusted in Utility structures shall be adjusted in accordance with the City of Rochester Hills standards and shall match the proposed grade of the pathway. 8. Pathway shall be 6 inch thick HMA or Pathway shall be 6 inch thick HMA or concrete through residential drives and 9 inch thick HMA or 8 inch thick concrete through commercial drives. 9. Pathway asphalt shall be paid for as Pathway asphalt shall be paid for as "Shared Use Path, HMA" when part of public improvement project. 10. Ramps and landings shall be 6 inch thick Ramps and landings shall be 6 inch thick concrete. 11. ADA detectable warning plates shall be ADA detectable warning plates shall be preformed and brick red in color. Acceptable products included ADA Solutions, Inc., Armor-Tile, E.J., or approved equal 12. Irrigation overspray shall not broadcast onto Irrigation overspray shall not broadcast onto City pathway or sidewalk .