**CONSTRUCTION NOTES:**

- **TRAVERSE POINTS:**
  - TP #100: 832.04', 832.04'; 820.04'; 827.55'
  - TP #101: 832.04', 832.04'; 820.04'; 827.55'
  - TP #102: 832.04', 832.04'; 820.04'; 827.55'
  - TP #103: 832.04', 832.04'; 820.04'; 827.55'
  - TP #104: 832.04', 832.04'; 820.04'; 827.55'
  - TP #105: 832.04', 832.04'; 820.04'; 827.55'
  - TP #106: 832.04', 832.04'; 820.04'; 827.55'
  - TP #107: 832.04', 832.04'; 820.04'; 827.55'

- **BM #200:**
  - BM #201: 873.33', 873.33'; 873.33'
  - BM #202: 873.33', 873.33'; 873.33'
  - BM #203: 873.33', 873.33'; 873.33'
  - BM #204: 873.33', 873.33'; 873.33'
  - BM #205: 873.33', 873.33'; 873.33'
  - BM #206: 873.33', 873.33'; 873.33'
  - BM #207: 873.33', 873.33'; 873.33'
  - BM #208: 873.33', 873.33'; 873.33'

- **GLENDALOCH & HEATHER:**
  - TP #108: 893.16', 893.16'; 893.16'
  - TP #109: 893.16', 893.16'; 893.16'
  - TP #110: 893.16', 893.16'; 893.16'
  - TP #111: 893.16', 893.16'; 893.16'
  - TP #112: 893.16', 893.16'; 893.16'
  - TP #113: 893.16', 893.16'; 893.16'
  - TP #114: 893.16', 893.16'; 893.16'
  - TP #115: 893.16', 893.16'; 893.16'

- **EASTING:**
  - TP #116: 820.04', 820.04'; 820.04'
  - TP #117: 820.04', 820.04'; 820.04'
  - TP #118: 820.04', 820.04'; 820.04'
  - TP #119: 820.04', 820.04'; 820.04'
  - TP #120: 820.04', 820.04'; 820.04'
  - TP #121: 820.04', 820.04'; 820.04'
  - TP #122: 820.04', 820.04'; 820.04'
  - TP #123: 820.04', 820.04'; 820.04'

- **TRAVERSE POINTS:**
  - TP #110: 820.04', 820.04'; 820.04'
  - TP #111: 820.04', 820.04'; 820.04'
  - TP #112: 820.04', 820.04'; 820.04'
  - TP #113: 820.04', 820.04'; 820.04'
  - TP #114: 820.04', 820.04'; 820.04'
  - TP #115: 820.04', 820.04'; 820.04'
  - TP #116: 820.04', 820.04'; 820.04'
  - TP #117: 820.04', 820.04'; 820.04'

- **PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION:**
  - CITY OF ANN ARBOR ENGINEERING
  - CITY OF ANN ARBOR
  - CITY OF ANN ARBOR ENGINEERING
  - CITY OF ANN ARBOR ENGINEERING
  - CITY OF ANN ARBOR ENGINEERING

- **CONTACT INFORMATION:**
  - PUBLIC UTILITIES
    - CITY OF ANN ARBOR ENGINEERING
    - CITY OF ANN ARBOR ENGINEERING
    - CITY OF ANN ARBOR ENGINEERING

- **CITY OF ANN ARBOR PUBLIC SERVICES CENTER**
  - ANN ARBOR, MI 48107-8647
  - 734-794-6410
  - www.a2gov.org

- **NOTES:**
  - Call before you dig.
Do not disturb below.
Call before you dig.

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

2023 MISCELLANEOUS UTILITY PROJECTS

LEGEND
Plan:
1" = 2.5'

Profile: 1" = x'

Easy Street
Existing Typical Section

Easy Street
Proposed Typical Section

Glenarloch Road
Existing Typical Section

Glenarloch Road
Proposed Typical Section

Know what's below.
Call before you dig.

City of Ann Arbor - Public Services - Engineering

City of Ann Arbor
Public Services
301 East Huron Street
P.O. Box 8647
Ann Arbor, MI 48107-8647
734-794-6410
www.a2gov.org

2023 Miscellaneous Utility Projects

Easy Street and Glenarloch Typical Sections
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

PROVINCIAL DRIVE
EXISTING TYPICAL SECTION

PROVINCIAL DRIVE
PROPOSED TYPICAL SECTION

PLAN:
1" = 2.5'

PROFILE:
1" = x'

Know what's below. Call before you dig.
Know what's below. Call before you dig.

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

2023 MISCELLANEOUS UTILITY PROJECTS
STANDARD MISCELLANEOUS DETAILS

TREE PROTECTION DETAIL

CURB AND GUTTER, CONC, DET F4, SPECIAL

TYPICAL CONCRETE PAVEMENT
INTEGRAL WALK/CURB

TYPE 'M' DRIVE APPROACH

TYPICAL ROAD CLOSURES
1. The Contractor shall not change any adjacent properties, existing public access, or existing public services without prior written notice and written permission from the City of Ann Arbor.

2. Prior to the start of construction, the Contractor shall make a complete and thorough survey of the site and provide a detailed site plan to the City of Ann Arbor.

3. The Contractor shall provide a site plan to the City of Ann Arbor, showing the location of all proposed facilities, including the location of all existing and proposed underground utilities.

4. The Contractor shall coordinate with the City of Ann Arbor and obtain permits for any necessary public works such as street or sidewalk repairs.

5. The Contractor shall provide temporary protective measures to prevent damage to existing utilities and public works during construction.

6. The Contractor shall provide a detailed construction schedule to the City of Ann Arbor, indicating the proposed timeline for completion of the project.

7. The Contractor shall provide a detailed list of all materials and equipment to be used during construction, including any hazardous materials.

8. The Contractor shall ensure that all construction activities comply with local and state environmental regulations.

9. The Contractor shall provide a detailed plan for the disposal of construction waste and debris, including recycling and disposal options.

10. The Contractor shall provide a detailed plan for the restoration of the site after completion of the project, including the replacement of any disturbed vegetation.

11. The Contractor shall conduct an inspection of the completed project to ensure compliance with all requirements of the City of Ann Arbor.

12. The Contractor shall provide a warranty for all work performed, including any repairs necessary due to non-compliance with City requirements.

13. The Contractor shall provide a final report to the City of Ann Arbor, summarizing the project and detailing any changes or additions made during construction.

14. The Contractor shall provide a 90-day maintenance plan for the completed project, including any necessary follow-up inspections.

15. The Contractor shall provide a detailed plan for the ongoing maintenance and monitoring of the completed project, including any necessary repairs or adjustments.

16. The Contractor shall provide a detailed plan for the future use and maintenance of the completed project, including any necessary training for future users.

17. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

18. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

19. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

20. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

21. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

22. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

23. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

24. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

25. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

26. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

27. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

28. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

29. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

30. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

31. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

32. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

33. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

34. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

35. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

36. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

37. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.

38. The Contractor shall provide a detailed plan for the future monitoring and evaluation of the completed project, including any necessary adjustments or improvements.

39. The Contractor shall provide a detailed plan for the future funding and support of the completed project, including any necessary partnerships or collaborations.

40. The Contractor shall provide a detailed plan for the future maintenance and support of the completed project, including any necessary training for future users.
REMOVAL KEY

<table>
<thead>
<tr>
<th>KEY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CAUTION

*#<#4&175
14(.#//#$.'
/#6'4+#.

EASY STREET

STA: 4+50

TOTAL UNIT DESCRIPTION
1. Revert Concrete Curb and Sidewalk, Dry Thickness
2. Revert Roadway Curb and Sidewalk, Dry Thickness
3. Revert Pavement
4. Revert Roadway

WATER MAIN QUANTITIES THIS SHEET

TOTAL UNIT DESCRIPTION
1. Revert Concrete Curb and Sidewalk, Dry Thickness
2. Revert Roadway Curb and Sidewalk, Dry Thickness

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

2023 MISCELLANEOUS UTILITY PROJECTS

EASY STREET

TOWNER BLVD
GLENDALOCH ROAD

REMOVAL KEY

DESCRIPTION

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concrete Curb &amp; Gutter, any Thickness</td>
</tr>
<tr>
<td>2</td>
<td>Manholes, Removable, any depth</td>
</tr>
<tr>
<td>3</td>
<td>Storm Sewers, any diameter</td>
</tr>
<tr>
<td>4</td>
<td>Headers, any diameter</td>
</tr>
</tbody>
</table>

NOTES

1. CAUTION: *#<#4&175 14(#//#$.16'4+#.

2. Please mark (x) utility before digging.

3. Your signing to be included on what is removed, any depth.

ROAD UTILITY QUANTITIES THIS SHEET

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concrete Curb &amp; Gutter, any Thickness</td>
</tr>
<tr>
<td>2</td>
<td>Manholes, Removable, any depth</td>
</tr>
<tr>
<td>3</td>
<td>Storm Sewers, any diameter</td>
</tr>
<tr>
<td>4</td>
<td>Headers, any diameter</td>
</tr>
</tbody>
</table>

WATER UTILITY QUANTITIES THIS SHEET

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concrete Curb &amp; Gutter, any Thickness</td>
</tr>
<tr>
<td>2</td>
<td>Manholes, Removable, any depth</td>
</tr>
</tbody>
</table>

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

10 OF 44
## Construction Key

<table>
<thead>
<tr>
<th>KEY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMA</td>
<td>Concrete Mix</td>
</tr>
<tr>
<td>HMA CR</td>
<td>Concrete Mix with Crushed Rock</td>
</tr>
<tr>
<td>CG</td>
<td>Concrete</td>
</tr>
<tr>
<td>DC-6</td>
<td>Driveway Concrete</td>
</tr>
<tr>
<td>C-8</td>
<td>Concrete Curb</td>
</tr>
<tr>
<td>SW-4</td>
<td>Storm Sewer</td>
</tr>
<tr>
<td>SWR-6</td>
<td>Storm Sewer with Reinforcement</td>
</tr>
<tr>
<td>DWS</td>
<td>Drummer Work</td>
</tr>
<tr>
<td>DO-M</td>
<td>Drummer Opening</td>
</tr>
<tr>
<td>SI</td>
<td>Sidewalk</td>
</tr>
<tr>
<td>STM-12</td>
<td>Storm Sewer Manhole</td>
</tr>
<tr>
<td>UD</td>
<td>Utility</td>
</tr>
<tr>
<td>ADJ STRC</td>
<td>Adjacent Structure</td>
</tr>
</tbody>
</table>

### Storm Sewer Structure Table

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>UTILITY</th>
<th>RISE ELEVATION</th>
<th>SIZE &amp; DIRECTION</th>
<th>TOP OF CASTING ELEVATION</th>
<th>DIAMETER</th>
<th>COVER TYPE</th>
<th>SWP</th>
</tr>
</thead>
<tbody>
<tr>
<td>R123</td>
<td>1840A</td>
<td>588.72</td>
<td>6-0-85</td>
<td>873.52</td>
<td>24&quot;</td>
<td>E</td>
<td>062</td>
</tr>
<tr>
<td>R124</td>
<td>1840A</td>
<td>588.00</td>
<td>6-0-85</td>
<td>865.79</td>
<td>24&quot;</td>
<td>E</td>
<td>063</td>
</tr>
<tr>
<td>R125</td>
<td>1840F</td>
<td>585.00</td>
<td>6-0-85</td>
<td>865.05</td>
<td>24&quot;</td>
<td>E</td>
<td>063</td>
</tr>
<tr>
<td>R126</td>
<td>1840S</td>
<td>585.00</td>
<td>6-0-85</td>
<td>865.25</td>
<td>24&quot;</td>
<td>E</td>
<td>063</td>
</tr>
</tbody>
</table>

### Road Rock Quantities This Sheet

<table>
<thead>
<tr>
<th>TOTAL</th>
<th>UNIT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>TON</td>
<td>Concrete Mix</td>
</tr>
<tr>
<td>0</td>
<td>TON</td>
<td>Aggregate Mix</td>
</tr>
</tbody>
</table>

### Water Main Quantities This Sheet

<table>
<thead>
<tr>
<th>TOTAL</th>
<th>UNIT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>TON</td>
<td>Concrete Mix</td>
</tr>
</tbody>
</table>
GLENDALOCH ROAD

WATER MAIN STRUCTURE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>TYPE</th>
<th>STATION</th>
<th>MIN</th>
<th>DEPTH</th>
<th>DIAMETER</th>
<th>COVER TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>204+00</td>
<td>2.0</td>
<td>4.4</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

CAUTION

GLENDALOCH CIRCLE CONNECTION

Know what's below. Call before you dig.
CARMEL STREET

REMOVAL KEY

<table>
<thead>
<tr>
<th>KEY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PLAN:

1" = 20'

NOTE:

1. Prior to beginning work, call before you dig to verify depth and location of utilities.
2. Bid and Scope are based on water and sewer.

WATER MAIN QUANTITIES THIS SHEET

TOTAL     UNIT     DESCRIPTION
100      ft        8" Reinforced Concrete, 8" Reinforced Concrete, 8" Reinforced Concrete

ROAD MAIN QUANTITIES THIS SHEET

TOTAL     UNIT     DESCRIPTION
100      ft        8" Reinforced Concrete, 8" Reinforced Concrete, 8" Reinforced Concrete

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

2023 MISCELLANEOUS UTILITY PROJECTS

CARMEL STREET

PROPOSED ROAD - STA 28+50 TO P.O.E.

TOWNER BLVD

NOTICE TO Bidders:

Bidders must be registered in the State of Michigan to bid on this project.

Know what's below. Call before you dig.
PROVINCIAL DRIVE

ARLINGTON BLVD

CAUTION

PROVINCIAL DRIVE

REMOVAL KEY

KEY

DESCRIPTION

PLAN:

1" = 20'

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734-794-6410
www.a2gov.org

2022-28

PROVINCIAL DRIVE

ARLINGTON BLVD

FAIRLANE ST

PROVINCIAL DRIVE

REMOVALS

P.O.B. TO STA 49+00

CAUTION *#<#4&175 14(#//#$.'/#6'4+#.

CAUTION *#<#4&175 14(#//#$.'/#6'4+#.

CAUTION *#<#4&175 14(#//#$.'/#6'4+#.

PROVINCIAL DRIVE

REMOVALS

- P.O.B. TO STA 49+00

ROADWORK QUANTITIES THIS SHEET

TOTAL UNIT DESCRIPTION

R1 Remove Concrete Curb or Gutter, Any Thickness
R2 Remove Concrete Sidewalks and Pavement, Any Thickness
R3 Remove Concrete Sidewalks and Pavement, Any Thickness
R4 Remove Concrete Sidewalks and Pavement, Any Thickness
R5 Remove Concrete Sidewalks and Pavement, Any Thickness
R6 Remove Concrete Sidewalks and Pavement, Any Thickness
R7 Remove Concrete Sidewalks and Pavement, Any Thickness
R8 Remove Concrete Sidewalks and Pavement, Any Thickness
R9 Remove Concrete Sidewalks and Pavement, Any Thickness
R10 Remove Concrete Sidewalks and Pavement, Any Thickness

WATERWORK QUANTITIES THIS SHEET

TOTAL UNIT DESCRIPTION

W1 Remove Concrete Curb or Gutter, Any Thickness
Know what's below. Call before you dig.
CONSTRUCTION KEY

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMA</td>
</tr>
<tr>
<td>HMA CR</td>
</tr>
<tr>
<td>CG</td>
</tr>
<tr>
<td>DC-6</td>
</tr>
<tr>
<td>C-8</td>
</tr>
<tr>
<td>SW-4</td>
</tr>
<tr>
<td>SWR-6</td>
</tr>
<tr>
<td>DWS</td>
</tr>
<tr>
<td>DO-M</td>
</tr>
<tr>
<td>DC-6</td>
</tr>
<tr>
<td>SI</td>
</tr>
<tr>
<td>STM-12</td>
</tr>
<tr>
<td>UD</td>
</tr>
<tr>
<td>ADJ STRC</td>
</tr>
</tbody>
</table>

STORM SEWER STRUCTURE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>STATION</th>
<th>ELEVATION</th>
<th>DIA</th>
<th>COVER</th>
<th>SWAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>R114</td>
<td>S0+05</td>
<td>836.54</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R115</td>
<td>S0+48</td>
<td>839.55</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R116</td>
<td>S0+49</td>
<td>832.17</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R117</td>
<td>S0+60</td>
<td>845.10</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R118</td>
<td>S0+65</td>
<td>832.58</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
</tbody>
</table>

CAUTION

*#<#4&175
14/.#//#$.'
/#6'4+#.

PROVINCIAL DRIVE

STORM SEWER STRUCTURE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>STATION</th>
<th>ELEVATION</th>
<th>DIA</th>
<th>COVER</th>
<th>SWAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>R114</td>
<td>S0+05</td>
<td>836.54</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R115</td>
<td>S0+48</td>
<td>839.55</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R116</td>
<td>S0+49</td>
<td>832.17</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R117</td>
<td>S0+60</td>
<td>845.10</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R118</td>
<td>S0+65</td>
<td>832.58</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
</tbody>
</table>

CAUTION

*#<#4&175
14/.#//#$.'
/#6'4+#.

PROVINCIAL DRIVE

STORM SEWER STRUCTURE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>STATION</th>
<th>ELEVATION</th>
<th>DIA</th>
<th>COVER</th>
<th>SWAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>R114</td>
<td>S0+05</td>
<td>836.54</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R115</td>
<td>S0+48</td>
<td>839.55</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R116</td>
<td>S0+49</td>
<td>832.17</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R117</td>
<td>S0+60</td>
<td>845.10</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
<tr>
<td>R118</td>
<td>S0+65</td>
<td>832.58</td>
<td>24&quot;</td>
<td>X</td>
<td>45</td>
</tr>
</tbody>
</table>

CAUTION

*#<#4&175
14/.#//#$.'
/#6'4+#.
PROVINCIAL DRIVE

WATER MAIN STRUCTURE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>TYPE</th>
<th>SECTOR</th>
<th>FM</th>
<th>NORTH</th>
<th>DIAMETER</th>
<th>COVER TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER MAIN STRUCTURE TABLE

<table>
<thead>
<tr>
<th>WATER MAIN STRUCTURE TABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROVINCIAL DRIVE</td>
</tr>
<tr>
<td>WATER MAIN - STA 413+00 TO STA 417+50</td>
</tr>
</tbody>
</table>

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

CITY OF ANN ARBOR

PUBLIC SERVICES

301 EAST HURON STREET

P.O. BOX 8647

ANN ARBOR, MI 48107-8647

734-794-6410

www.a2gov.org

2023 MISCELLANEOUS UTILITY PROJECTS

PROVINCIAL DRIVE

CAUTION *#<#4&17514(.#//#$.'

/##6'4+#.

Know what's below. Call before you dig.
401 N 7TH STREET LATERAL REMOVAL AND ABANDONMENT PLAN

CONSTRUCTION KEY

- RCP = Reinforced Concrete Pipe
- PVC = Polyvinyl Chloride
- HMA = Hot-Mix Asphalt
- CG = Crushed Gravel
- DC = Dressed Concrete
- SW = Swale
- SAN = Sanitary Sewer
- TURF RES = Turf Reestablishment
- SAN CO = Sanitary Connection
- 6" PVC = 6" PVC Pipe

1. A LICENSED PLUMBER MUST MAKE CONNECTIONS TO HOUSE SERVICE AT HOUSE AND AT SANITARY SEWER MAIN.
2. A BUILDING PERMIT SHALL BE OBTAINED FROM THE CITY OF ANN ARBOR.
3. TRAFFIC CONTROL SHALL FOLLOW MD-21A.
4. A CITY OF ANN ARBOR ROW PERMIT REQUIRED.

NOTES:

- CONTRACTOR SHALL DISCONNECT EXISTING SERVICE CONNECTION AND INSTALL NEW 6" PVC LATERAL AND CLEAN-OUT AS SHOWN.
- EST. LOCATION OF SERVICE CONNECTION
- EST. INV = 818.82
- 6" PVC SERVICE @ 3.5%, 59 FT
- INSTALL OF MAIN AT WYE: 816.10
- INVERT OF WYE AT MAIN: 816.71

401 N 7TH STREET LATERAL CONSTRUCTION PLAN

401 N 7TH STREET LATERAL REMOVAL AND ABANDONMENT PLAN

REMOLV KEY

<table>
<thead>
<tr>
<th>KEY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

401 N 7TH STREET LATERAL REMOVAL AND ABANDONMENT PLAN

SCALE: 1" = 40'
PEDESTRIAN DETOUR USING OPPOSITE SIDE OF STREET

GENERAL NOTES
1. WHERE EXISTING PEDESTRIAN CROSSWALKS OR SIDEWALKS ARE SHARED, OTHER DEVICES MAY BE NEEDED TO CREATE ADDITIONAL PEDESTRIAN ROUTES. WHERE MECHANICAL OR ELECTRICAL EQUIPMENT IS REQUIRED, THE CONTRACTOR'S OPERATIONS SHALL BE LIMITED TO TIMES WHEN PEDESTRIANS ARE NOT TRAVELING ON OR RELATED TO THE STREET.
2. PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) AT ALL TIMES. PROVIDE THE APR ON THE SAME SIDE OF THE STREET AS THE DISRUPTED ROUTE. WHERE IT IS NOT FEASIBLE TO PROVIDE AN APR ON THE OTHER SIDE OF THE STREET.
3. PROVIDE THE APR IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
4. PROVIDE TEMPORARY PEDESTRIAN CONTROL PLAN FOR REVIEW AND APPROVAL IN WRITING.
5. PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PASSAGE FOR PEDESTRIANS.
6. PROVIDE DISTRICT PEDESTRIAN CONTROL AREA SHEET INDICATING THE DURATION OF THE WALKWAY RESTRICTIONS (BEGINNING AND/OR END DATES) AND A PROJECT CONTACT NUMBER FOR 24/7 QUESTIONS OR INQUIRIES.

SPECIFIC NOTES
1. TEMPORARY CURB COUNTERS LAYING ON THE STREET SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE CONSISTENT WITH EXISTING PEDESTRIAN SURFACES.
2. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OF THE TPAR SHALL BE IMPLEMENTED WITH THE PERMIT FROM THE TRAFFIC DEPARTMENT. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY寶得ataTPEEP櫪BAGCIOEP, M O O C ДДМММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММММM

LEGEND
[DIAGRAM OF LEGEND ITEMS]

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES
1. IF THE CONTRACTOR IS NOT PROVIDING PERMANENT PEDESTRIAN TRAFFIC CONTROL THROUGH THE CONTRACT, A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN SHALL BE PROVIDED TO THE CITY OF ANN ARBOR. THE PEDESTRIAN TRAFFIC SIGNALS CONTROLLING CLOSED CROSSWALKS SHALL BE COVERED THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
2. PROVISION OF THE TPAR AND ALL OF ITS ELEMENTS, INCLUDING BUT NOT LIMITED TO, CREATION OF THE TEMPORARY PEDESTRIAN CONTROL PLAN, SIGNS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL, SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL IN WRITING.
3. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK. PROVIDE THE TPAR IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE. THE PEDESTRIAN TRAFFIC SIGNALS CONTROLLING CLOSED CROSSWALKS SHALL BE COVERED THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
4. IF THE WORK IS SUBJECT TO MOVING TRAFFIC, CONSTRUCTION OF THE TPAR SHALL BE IMPLEMENTED WITH THE PERMIT FROM THE TRAFFIC DEPARTMENT. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
5. IF THE CONTRACTOR IS NOT PROVIDING PERMANENT PEDESTRIAN TRAFFIC CONTROL THROUGH THE CONTRACT, A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN SHALL BE PROVIDED TO THE CITY OF ANN ARBOR. THE PEDESTRIAN TRAFFIC SIGNALS CONTROLLING CLOSED CROSSWALKS SHALL BE COVERED THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
6. IF THE WORK IS SUBJECT TO MOVING TRAFFIC, CONSTRUCTION OF THE TPAR SHALL BE IMPLEMENTED WITH THE PERMIT FROM THE TRAFFIC DEPARTMENT. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
7. IF THE CONTRACTOR IS NOT PROVIDING PERMANENT PEDESTRIAN TRAFFIC CONTROL THROUGH THE CONTRACT, A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN SHALL BE PROVIDED TO THE CITY OF ANN ARBOR. THE PEDESTRIAN TRAFFIC SIGNALS CONTROLLING CLOSED CROSSWALKS SHALL BE COVERED THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
8. IF THE WORK IS SUBJECT TO MOVING TRAFFIC, CONSTRUCTION OF THE TPAR SHALL BE IMPLEMENTED WITH THE PERMIT FROM THE TRAFFIC DEPARTMENT. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.
SPECIFIC NOTES

1. Curb ramps shall be 36" min. wide, with a 2:10 incline. Height above the ramp shall be placed multiple.

2. Protective edging shall be installed at the top of the ramp and platform if a height difference of 6" or greater occurs.

3. Protective edging shall also be used when a side apron slope is steeper than 1:3.

4. Protective edging should be considered when curb ramps or landing platforms have a vertical drop of 3" or more.

5. Detectable edging is required when there is a path change direction. This includes a turn onto the ramp from the path, and detectable edging is required when there is a change in the direction of the walkway.

6. Detectable edging must begin at a minimum of 2.5" above the ramp surface, and extend at least 6" above the ramp surface.

7. Contrast color shall be placed on all curb ramp landings where the walkway changes direction.

8. Curb ramps and landing areas shall have a 2% max. cross slope.

9. Clear space of 48" x 48" min. shall be provided above and below the curb ramp.

10. The curb ramp walkway edge shall be marked with a contrast color, 2" to 4" wide marking. The marking is optional where color contrasting edging is used.

11. Water flow in the gutter system shall not be impeded.

12. Lateral joints or gaps between surfaces shall be less than 1/2" wide.

13. Changes between surface heights shall not exceed 1/2". Lateral edges shall be vertical up to 0.25" wide and beveled at 1/4" to 1/2" height.

TEMPORARY CURB RAMP
PARALLEL TO CURB

SHOWN WITH PROTECTIVE EDGE

SHOWN WITH SIDE APRON

TEMPORARY CURB RAMP
PERPENDICULAR TO CURB
TEMPORARY PEDESTRIAN ACCESS

5' MINIMUM
5' DESIRABLE

TEMPORARY WALKWAY SURFACE

2% MAX. CROSS SLOPE

PEDESTRIAN CHANNELIZER

LEADING EDGE

TEMPORARY WALKWAY SURFACE

2" MAX.

HANDRAILING EDGE

PEDESTRIAN CHANNELIZER USING A BARRIER (MINIMUM REQUIREMENTS)

2" MAX.

DETECTABLE EDGE

2' MAX.

TEMPORARY PEDESTRIAN ACCESS ROUTE PASSING DETAIL

GENERAL NOTES

PUBLICATION OR OTHER WORKS MAY PROTRUSE A MAXIMUM OF 4 INCHES INTO THE WALKWAY CLEAR SPACE BELOW COLORED OR A MINIMUM OF 2 INCHES ABOVE THE WALKWAY SURFACE.

ANY PEDESTRIAN DEVICES USED TO PROVIDE POSITIVE PROTECTION FOR PEDESTRIANS OR WORKERS MUST COMPLY WITH NCHRP CRASHWORTHY REQUIREMENTS APPLICABLE FOR THE BARRIER'S APPLICATION.

PEDESTRIAN CHANNELIZERS SHALL BE PLACED CONTINUOUSLY ACROSS THE ENTIRE WIDTH OF THE WALKWAY SURFACE BEING CLOSED.

SPECIFIC NOTES

ANY PEDESTRIAN TARGETS IN THE WALKWAY CLEAR SPACE ARE DETECTABLE EDGE. TARGETS SHALL BE LOCATED 32 INCHES MINIMUM BEYOND THE EDGE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.25 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DETECTABLE EDGE SHALL BE CONTINUOUS AND A MINIMUM OF 6 INCHES IN HEIGHT ABOVE THE WALKWAY SURFACE.

ACROSS WALKWAY SURFACES AND MAKE CLEAR MARKINGS CONTRASTING WITH THE WALKWAY SURFACE.

CHANNELIZERS SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

PEDESTRIAN CHANNELIZERS USING A BARRIER (MINIMUM REQUIREMENTS)

32" MIN.

HANDRAILING EDGE

3" MIN.

DETECTABLE EDGE SHALL BE CONTINUOUS AND A MINIMUM OF 6 INCHES HIGH ABOVE THE WALKWAY SURFACE.

GENERAL NOTES

RAILINGS OR OTHER OBJECTS MAY PROTRUDE A MAXIMUM OF 4 INCHES INTO THE WALKWAY CLEAR SPACE WHEN LOCATED A MINIMUM OF 27 INCHES ABOVE THE WALKWAY SURFACE.

ANY PEDESTRIAN DEVICES USED TO PROVIDE POSITIVE PROTECTION FOR PEDESTRIANS OR WORKERS SHALL MEET NCHRP CRASHWORTHY REQUIREMENTS APPLICABLE FOR THE BARRIER'S APPLICATION.

BARRICADES SHALL BE PLACED CONTINUOUSLY ACROSS THE ENTIRE WIDTH OF THE WALKWAY SURFACE BEING CLOSED.

SPECIFIC NOTES

ANY TRIPPING HAZARD IN THE WALKWAY NEEDS A DETECTABLE EDGE. BALLAST SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DETECTABLE EDGES SHALL BE CONTINUOUS AND A MINIMUM OF 6 INCHES IN HEIGHT ABOVE THE WALKWAY SURFACE.

ACROSS WALKWAY SURFACES AND MAKE CLEAR MARKINGS CONTRASTING WITH THE WALKWAY SURFACE.

CHANNELIZERS SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.

DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A 2 INCH HORIZONTAL GAP IS ALLOWED FOR DRAINAGE PURPOSES. EATERS SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OR BACK OF THE DEVICE SHALL NOT EXCEED THE 0.5 INCH MAXIMUM HEIGHT ABOVE THE WALKWAY SURFACE.