

RESOLUTION NO. 2023-41
(4/25/2023)

**A RESOLUTION OF THE VILLAGE OF CALEDONIA APPROVING THE USE OF
CONTINGENCY FUNDS FROM THE PUBLIC SAFETY FACILITY PROJECT FOR
GRADING, RESTORATION, AND INSTALLATION OF PEDESTRIAN TRAILS
CONTIGUOUS TO THE VILLAGE CAMPUS**

WHEREAS, the Public Safety Building requires finished grading and restoration of the project area south of the building and storm water ponds; and

WHEREAS, the approved Crawford Park Master Plan includes pedestrian trails in the same area that will be restored by the current Public Safety Building Contractor; and

WHEREAS, restoration work would be completed on this property as part of the Public Safety Building project that would not be consistent with the Crawford Park Master Plan, staff is desirous of having this initial restoration match the Crawford Park Master Plan to reduce overall costs and minimize land disruption; and

WHEREAS, a change order to include the grading, restoration, and installation of the proposed pedestrian trails, as shown in **Exhibit A** and attached hereto, is an efficient way to complete the area surrounding the Public Safety Building and meet the desired Crawford Park Master Plan layout; and

WHEREAS, Village Staff feels there are sufficient contingency funds to complete the project as designed in **Exhibit A** and estimated in **Exhibit B** without impacting the successful completion of the Public Safety Building within budget; and

NOW THEREFORE, BE IT RESOLVED THAT, that the Village Board will approve the use of contingency funds for the grading, restoration, and installation of a pedestrian trail at the Public Safety Building, not to exceed \$200,000 using the cost estimate attached hereto as **Exhibit B**.

Adopted by the Board of Trustees of the Village of Caledonia, Racine County, Wisconsin, this 25 day of April, 2023.

VILLAGE OF CALEDONIA

By: Thomas Weatherston
Thomas Weatherston
Village President

Attest: Joslyn Hoeffert
Joslyn Hoeffert
Village Clerk

CRAWFORD PARK PHASE 1A (SOUTH PATH)



Village of Caledonia - Crawford Park

Date:04/18/2023

| Base Bid Items | Southern Crawford South Ditch Base Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
|----------------|--|--|------|-------------------|--------------|---------------------|
| | Topsoil Removal and Grading (Approx. 3000CY) | | LS | 1 | \$ 25,000.00 | \$ 25,000.00 |
| | Culvert (12-inch Diameter, CMP) | | LF | 20 | \$ 80.00 | \$ 1,600.00 |
| | Flared End Section, CMP | | EA | 2 | \$ 200.00 | \$ 400.00 |
| | 12" Storm Sewer, RCP | | LF | 8 | \$ 100.00 | \$ 800.00 |
| | 12" End Sections with Trash Gate, RCP | | EA | 1 | \$ 2,500.00 | \$ 2,500.00 |
| | 48" Diameter Manhole (4" Orifice Included) | | EA | 1 | \$ 5,500.00 | \$ 5,500.00 |
| | 12" Storm Sewer, PVC | | LF | 10 | \$ 80.00 | \$ 800.00 |
| | Precast Box Structure and Boardwalk | | EA | 1 | \$ 15,000.00 | \$ 15,000.00 |
| | Base Aggregate (8" Under HMA Path) | | Ton | 1200 | \$ 20.00 | \$ 24,000.00 |
| | Restoration, 4" Topsoil, Native/Pollinator Seed, & Mulch (Southern Limits) | | AC | 0.5 | \$ 4,000.00 | \$ 2,000.00 |
| | Restoration, 4" Topsoil, Seeding & Mulch (Southern Limits) | | AC | 2.5 | \$ 4,000.00 | \$ 10,000.00 |
| | Erosion Control (Move Silt Fence and Ditch Checks) | | LS | 1 | \$ 8,000.00 | \$ 8,000.00 |
| | Construction Cost | | | | | \$ 95,600.00 |

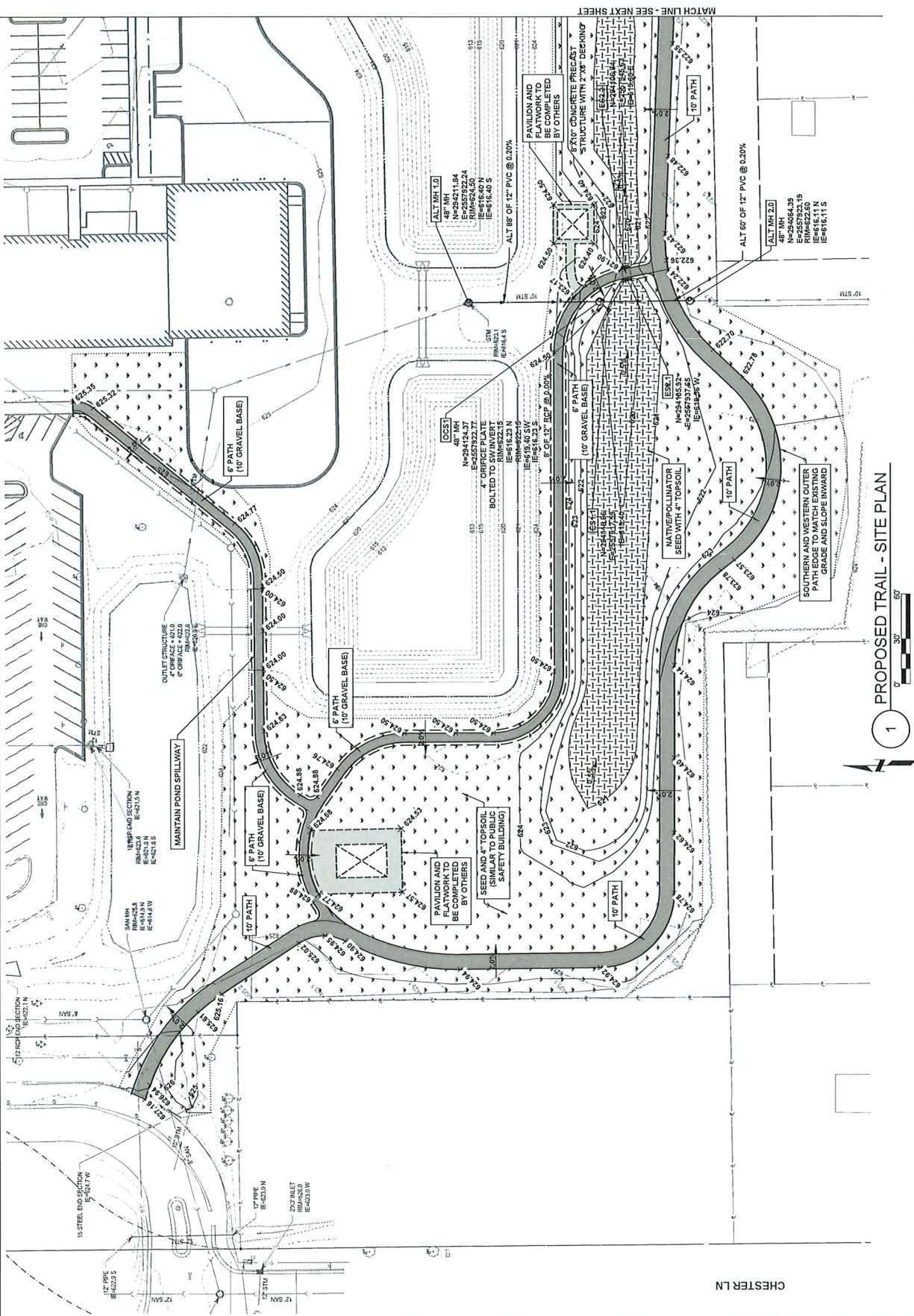
| HMA Path Bid Items | Phase 1A (4" HMA) | 10ft Path HMA (Additive 1A) Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
|--------------------|-----------------------------|---------------------------------------|--|------|-------------------|---------------------|---------------------|
| | | HMA Surface, 1.75" | | Ton | 160 | \$ 150.00 | \$ 24,000.00 |
| | | HMA Binder, 2.25" | | Ton | 200 | \$ 130.00 | \$ 26,000.00 |
| | Construction Cost | | | | | \$ 50,000.00 | |
| | Phase 1A (3" HMA-1 Lift) | 10ft Path HMA (Additive 1B) Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
| | | HMA Surface, 3" | | Ton | 270 | \$ 135.00 | \$ 36,450.00 |
| | | Construction Cost | | | | | \$ 36,450.00 |
| | Phase 1A (4" HMA) | 6ft Path HMA (Additive 2A) Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
| | | HMA Surface, 1.75" | | Ton | 70 | \$ 150.00 | \$ 10,500.00 |
| | | HMA Binder, 2.25" | | Ton | 85 | \$ 130.00 | \$ 11,050.00 |
| | Construction Cost | | | | | \$ 21,550.00 | |
| | Phase 1A (3" HMA-1 Lift) | 6ft Path HMA (Additive 2B) Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
| | | HMA Surface, 3" | | Ton | 110 | \$ 135.00 | \$ 14,850.00 |
| | | Construction Cost | | | | | \$ 14,850.00 |

| Underdrain Bid Items | STEP 1A (Alternate) | Underdrain (Additive 3 - Optional) Bid Items | | Unit | Estimate Quantity | Unit Price | Total Cost |
|--------------------------|------------------------|--|--|------|---------------------|-------------|--------------|
| | | 48" Diameter Manhole | | EA | 2 | \$ 5,000.00 | \$ 10,000.00 |
| | | 12" Storm Sewer, PVC (Stone Backfill under Path) | | LF | 150 | \$ 90.00 | \$ 13,500.00 |
| Construction Cost | | | | | \$ 23,500.00 | | |

| Range of Total Cost | |
|--|---------------|
| 4" HMA with Underdrain | \$ 190,650.00 |
| 4" HMA on 10ft Path & 3" HMA on 6ft Path with Underdrain | \$ 183,950.00 |
| 3" HMA with Underdrain | \$ 170,400.00 |

| | |
|---|---------------|
| 3" HMA without Underdrain | \$ 146,900.00 |
| 4" HMA on 10ft Path & 3" HMA on 6ft Path without Underdrain | \$ 160,450.00 |

| REVISION | DATE | BY | DATE CHECKED | BY |
|----------|------|----|--------------|----|
| | | | | |
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PROJECT TITLE: VILLAGE OF CALEDONIA, CRAWFORD PARK MASTER GRADING, PACINE COUNTY, WISCONSIN

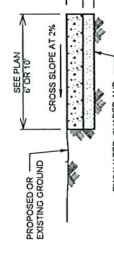
ClarkDietz
625 37TH STREET
WISCONSIN 53190
PHONE: 262.657.1500

PROJECT TITLE: VILLAGE OF CALEDONIA
CRAWFORD PARK MASTER
GRADING
PACINE COUNTY, WISCONSIN

| | |
|---------------|-------------------|
| DESIGNED BY: | CJR |
| DRAWN BY: | JOHN |
| CHECKED BY: | JOHN |
| DATE CHECKED: | 2/20/23 |
| DATE: | 4/10/23 J.K.PAZHL |
| REVISION: | |

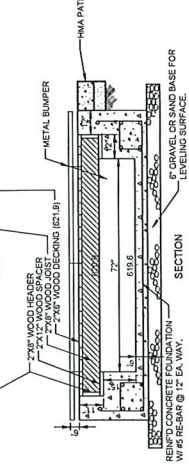
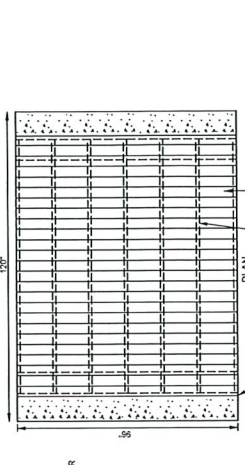
PHASE 1A (WEST)
DRAWING NO.: C0790070
PROJECT NO.: C0790070
DATE: 1A-E

NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.



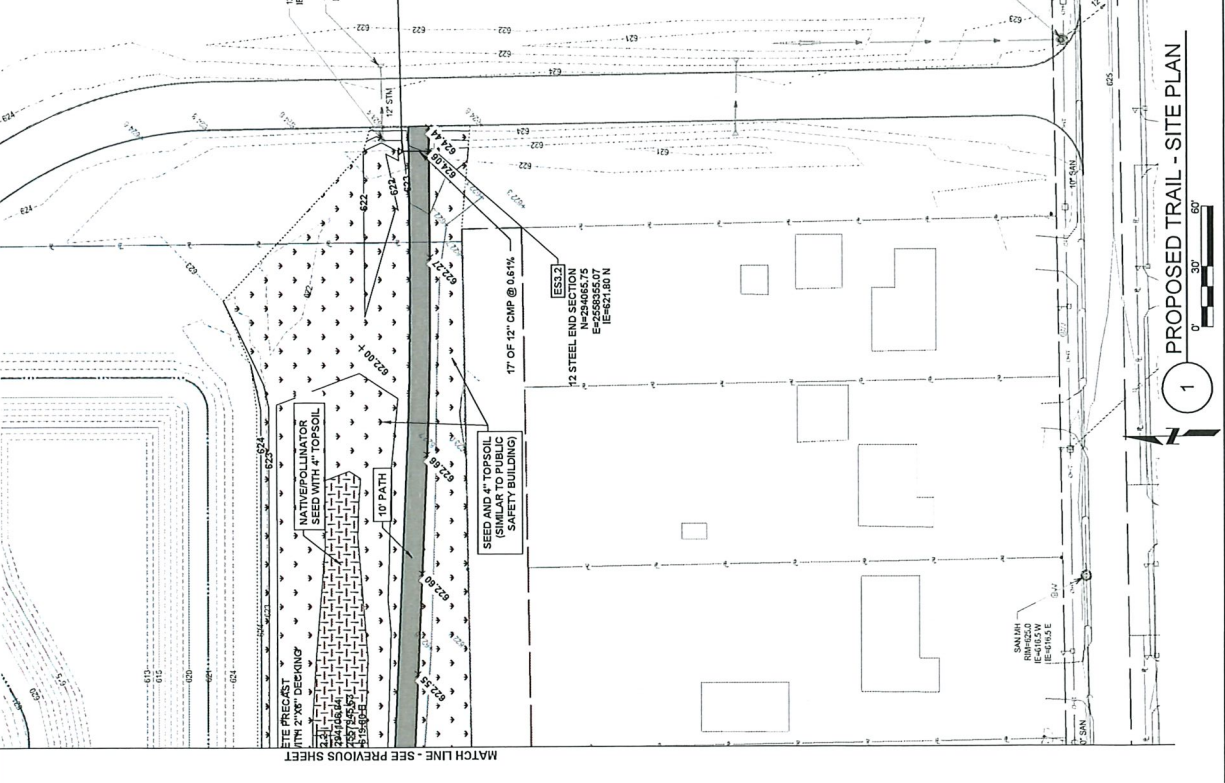
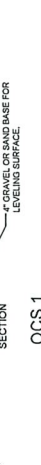
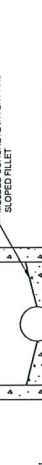
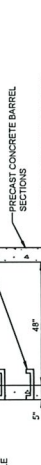
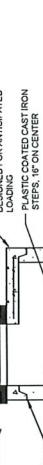
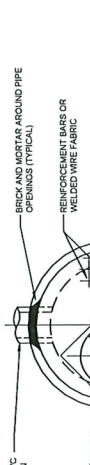
- EXCAVATED, SHARPED AND COMPACTED SUBGRADE
- IF EXCAVATION OR UNDERCUTTING OF SURGRADE HAS BEEN MADE DEEPER THAN NECESSARY, THE SIDEWALK BASE COURSE SHALL BE BROUGHT TO ORIGINAL FINISH GRADE WITH A MINIMUM OF 1" OF 1/4" CRUSHED COMPACTED SUBGRADE WITHOUT ANY ADDITIONAL COMPENSATION DUE TO THE CONTRACTOR.
- AGGREGATE BASE SHALL A MINIMUM OF 1" WIDE FOR 4" FT PATH, THE OFE OUTSIDE 2" SHALL BE DRESSED WITH 3" OF TOPSOIL AND SEED.

HMA PAVEMENT (PATH) DETAIL



- NOTES:
- 1. DETAIL DRAWING IS INTENDED TO BE USED AS A REFERENCE FOR THE CONTRACTOR. CONTRACTOR SHALL DESIGN WITH LICENSED ENGINEER AND INSTALL PER MANUFACTURER REQUIREMENTS.
- 2. CONTRACTOR SHALL PROVIDE PRECAST PER MANUFACTURER REQUIREMENTS.
- 3. CONTRACTOR TO INSTALL FASTENING DETAIL PER MANUFACTURER STANDARDS.
- 4. CONTRACTOR TO INSTALL FASTENING DETAIL PER MANUFACTURER STANDARDS.
- 5. CASTING STRUCTURE TO ENSURE INTENTS IS MET.
- 6. LOADING REQUIREMENT: LIGHT PICK UP TRUCKS.
- 7. REINFORCED CONCRETE SHOWN FOR REFERENCE ONLY.

10'x8' STRUCTURE



PROPOSED TRAIL - SITE PLAN



1

| | |
|--|--|
| DATE: 04/11/2022 | PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |

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|--|--|
| DATE: 04/11/2022 | PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |

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| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |
| PROJECT: VILLAGE OF CALEDONIA PUBLIC SAFETY BUILDING | DATE: 04/11/2022 |
| DESIGNED BY: FGM ARCHITECTS INC. | CHECKED BY: [REDACTED] |
| DRAWN BY: [REDACTED] | DATE: 04/11/2022 |
| SCALE: AS SHOWN | PROJECT NO.: 2022-0001 |

CALEDONIA PUBLIC SAFETY BUILDING
 VILLAGE OF CALEDONIA
 5043 CHESTER LANE
 CALEDONIA, WI 53402
 ISSUED FOR CONSTRUCTION

OVERALL PROPOSED
 EROSION CONTROL PLAN
 SHEET NO. **C1.5**
 JOB NO. 2022-0001
 © 2022 FGM ARCHITECTS INC.

NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PER THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES, SILT SOCK TO ONLY BE USED IF A PERMIT IS OBTAINED FROM THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. EROSION CONTROL SHALL BE INSTALLED PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
2. CONTRACTOR TO KEEP PAVEMENT CLEAN OF MUD AND DEBRIS. USING SWEEPING/SCOURING EQUIPMENT TO BE STORED ON-SITE.
3. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ENTERING SITE LOCATED OUTSIDE OF STATE RIGHT-OF-WAY.
4. EROSION CONTROL BLANKET SHALL BE USED IN THE DETENTION GRADING AREA AND ALONGSIDE THE ACCESS ROAD.
5. EROSION CONTROL MEASURES SHALL BE INSTALLED PERMANENTLY AND MAINTAINED THROUGHOUT OF TRANSPORTATION AND NATURAL RESOURCES.
6. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING TO STABILIZE SOILS SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT OF CONSTRUCTION.
7. INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES TO CONTAIN SOIL WITHIN GROUNDS AND PROJECT LIMITS.
8. ALL EROSION MEASURES SHALL BE INSTALLED PRIOR TO SITE PREPARATION AND SHALL BE MAINTAINED THROUGHOUT OF CONSTRUCTION. COMPLETED AND DISTURBED AREAS ARE PERMANENTLY STABILIZED.
9. PLACE PERIMETER EROSION BARRIER IN THE LOCATIONS SHOWN ON THE PLANS. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION.
10. SITE INSPECTIONS SHALL BE PERFORMED DAILY TO ENSURE ALL MEASURES ARE MAINTAINED DURING CONSTRUCTION ACTIVITIES.
11. MINIMIZE DUST AND DEBRIS DURING CONSTRUCTION.
12. CLEAN ADJACENT ROADWAYS OF ALL CONSTRUCTION DEBRIS AND MUD TRACKS FROM ALL ADJACENT ROADWAYS. ALL KEEP THE ACCESS ROADWAY CLEAN OF DEBRIS AND MUD.
13. EXCESS SOILS ARE TO BE HAULED OFF SITE OR ENCLOSED WITH AN APPROVED SEDIMENT CONTROL DEVICE WITHIN 24 HOURS.
14. SOIL PILES LEFT UNDISTURBED FOR 7 OR MORE DAYS MUST BE TEMPORARILY STABILIZED BY AN APPROVED METHOD.
15. ALL DISTURBED AREAS NOT COVERED BY PERMANENT EROSION CONTROL MEASURES SHALL BE FINISHED WITH 4" OF STRUCTURES OR PAVEMENT/STONE SHALL BE FINISHED WITH 4" OF STRUCTURED ASPHALT AND STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE.
16. ALL EROSION MEASURES MUST BE REMOVED AFTER SITES PERMANENTLY STABILIZED.
17. IF CONSTRUCTION SPANS INTO WINTER MONTHS, TEMPORARY EROSION CONTROL MEASURES SHALL FOLLOW THE URBAN MANUAL IDENTIFIED IN ACCORDANCE TO THE ILLINOIS URBAN MANUAL.

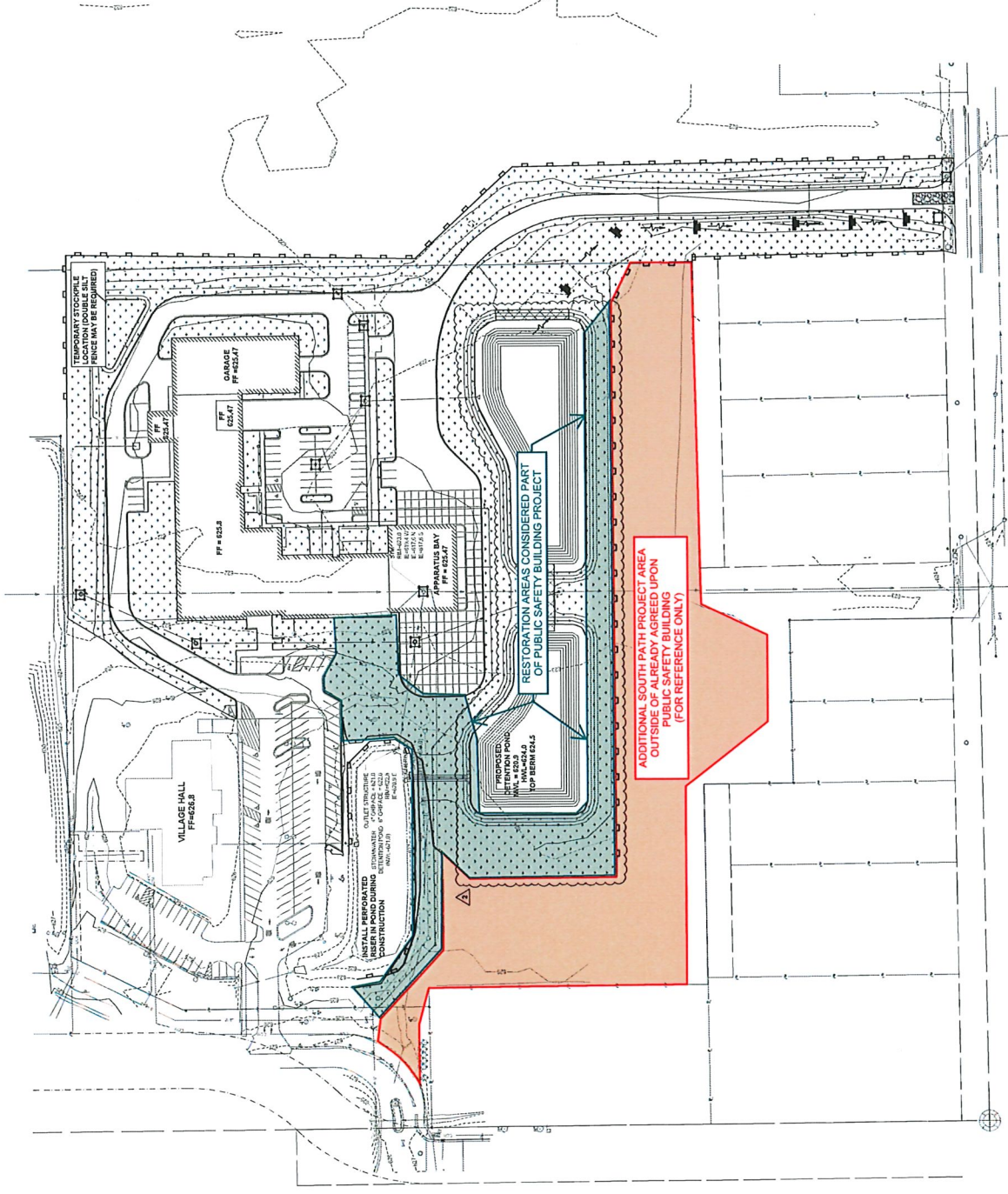
CONSTRUCTION SEQUENCE

1. INSTALL CONSTRUCTION ENTRANCE PERMIT.
2. STRIP TOPSOIL AND REVEAL ACCESS ROADS. REMOVE ALL EXCESS MATERIALS.
3. INSTALL ACCESS ROAD.
4. EXCAVATE POND AND TEMPORARY STABILIZE.
5. INSTALL PERFORATED RISER IN OUTLET CONTROL STRUCTURE.
6. INSTALL UNDERGROUND UTILITIES.
7. REMOVE STABILIZED CONSTRUCTION ENTRANCE AND FINISH ACCESS ROAD.
8. PERMANENTLY STABILIZE ALL DISTURBED AREAS FROM THE PROJECT. ALL DISTURBED AREAS FROM CONSTRUCTION EXTENDS INTO WINTER MONTHS.

LEGEND

- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STRAW BALE DITCH CHECK
- GRAVEL CONSTRUCTION ENTRANCE
- INLET PROTECTION

FOR REFERENCE ONLY



1 OVERALL PROPOSED EROSION CONTROL PLAN
 SCALE 1" = 50'



10ftx8ft Structure Intent Photo.