

# Seeding Schedule

## Permanent Vegetative Stabilization

- Seeding from November 15 to February 28:
  - Seed mixture will be applied at a rate of 3 to 4 pounds of Bluegrass and 1 pound of Tall Fescue per 1000 square feet.
  - Mulch will be placed at a rate of 100 pounds per 1000 square feet and crimped into place.
  - Fertilizer having a composition of 12-12-12 will not be applied until the following March. Fertilizer will be applied at a rate of 19 pounds per 1000 square feet.
- Seeding from March 1 to November 14:
  - Seed mixture will be applied at a rate of 6 1/2 pounds of Kentucky 31 Fescue and 1 1/2 pounds of Perennial Rye per 1000 square feet.
  - Fertilizer having a composition of 12-12-12 will be applied at a rate of 19 pounds per 1000 square feet.
  - Mulch will be placed at a rate of 100 pounds per 1000 square feet and crimped into place. Schedule when each disturbed area will be stabilized.
- Vegetated areas with a density of less than 70% shall be re-stabilized using appropriate methods to minimize the potential for erosion. If the project requires seeding when the soil temperatures are too low for germination to occur (less than 50°F), the contractor shall comply with the Indiana Storm Water Quality Manual for Dormant Seeding & Frost Seeding.

# General Notes:

- Contractor and materials shall comply with all local, state and federal codes, ordinances, rules, regulations, orders and other legal requirements of municipal authorities which bear on the performance of the work.
- The contractor is cautioned that the location, elevation, size and/or material type of existing utilities as shown on these plans is based on records of various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor is responsible for the accurate location elevation, size and/or material type of all utilities and hazards whether shown or not. The contractor must contact the appropriate utility company at least 48 hours before any excavation to request exact field location elevation, size and/or material type of utilities.
- Material specifications shall be in conformance with applicable portions of the INDOT Standard Specifications, (latest edition), memorandums and supplements unless specifically stated otherwise on these plans, contract documents or local code.
- All pipe lengths are measured center of structure to center of structure.
- Design pipe slopes are calculated from the center of structure to the center structure. Construction pipe slopes may vary slightly if the structure cross slope does not match the design pipe slope.
- The contractor shall repair and/or replace all existing utilities damaged as a result of this project.
- The contractor shall be responsible for notifying all occupants of interruption to their utilities that will be caused by this project.
- The contractor shall maintain the road right-of-way which has been disturbed. Maintenance shall meet the approval of the governing engineer.
- Contractor shall erect and maintain all necessary barricades, detour signs, warning signals and lights (in conformance with the Manual on Uniform Traffic Control Devices - latest edition) and INDOT Standard Specifications, memorandums and supplements required to direct traffic safely over or around the place where work is being done, that in any way interferes with traffic or pedestrians.
- Areas exposed by excavation or stripping and on which subgrade preparations are to be performed shall be scarified to minimum depth of 8" and compacted to minimum of 98% (pavement) and 98% (floor slabs and foundations) of optimum density, in accordance with ASTM D 698, at a moisture content of not less than 2% below and not more than 2% above the optimum moisture content. These areas shall then be proofrolled to detect any areas of insufficient compaction, soft and yielding material. Proofrolling shall be accomplished by making a minimum of two (2) complete passes with a fully-loaded tandem-axle dump truck, or approved equivalent, in each longitudinal and perpendicular directions under the supervision and direction of a field geotechnical engineer. Areas of failure shall be excavated and re-compact as stated above.
- Fill materials used in preparation of subgrade shall be placed in lifts or layers not to exceed 8" loose measure and compacted to a minimum density of 98% (pavement) and 98% (floor slabs and foundations) of optimum density, in accordance with ASTM D 698, at a moisture content of not less than 2% below and not more than 2% above the optimum moisture content.
- Contractor shall verify all measurements and be responsible for any mistakes they may make as a result. If the contractor discovers any discrepancies in figures on the drawings, he/she shall report same to the Engineer before proceeding with any work affected by the discrepancy, and shall be held responsible for results should he/she fail to make such effort.
- Any existing unconsolidated fill and/or utility trenches shall be tested for compaction prior to paving and/or slab construction. Excavation of unconsolidated material and compaction of new material in these areas may be required to prevent future settlement.
- No tree limbs, trunks, refuse from legally burnt vegetation, nor construction waste, demolition materials, or other man made material may be buried within the area in which an impounding structure will be located.
- Contractor shall ensure adequate protection of storm sewer pipes throughout entire construction sequence.
- Contractor shall reroute downspouts as needed. Downspouts shall daylight to existing or proposed swales as shown on the Drainage Plan.

**Indiana Underground Plant Protection Services**  
 Notified: September 27, 2022  
 Ticket Number: 2209270646

The underground utility information shown is approximate and has been located from marking placed the ground by the Indiana Underground Plant Protection Service, drawings provided by the operating utility companies and visible above ground features and may not represent all the underground utility lines that may be in place. No on site pot hole has been performed to verify the locations or depths. All contractors are required by law to contact the underground location service prior to any digging or disturbance of the surface.

A. Utilities as marked on ground shown on survey.  
 B. Contractor is responsible to contact the above at 811 prior to any work on site.

### Existing Legend

- Air Conditioner Unit
- Area Drain
- Electric Junction Box
- Electric Meter
- Electric Transformer
- Gas Meter
- Irrigation Control Valve
- Light Pole
- Flow Line
- Property Boundary Line
- Handicap Parking Space
- Dr.
- E
- Inst.
- N
- R
- S
- W

### Site is subject to the following:

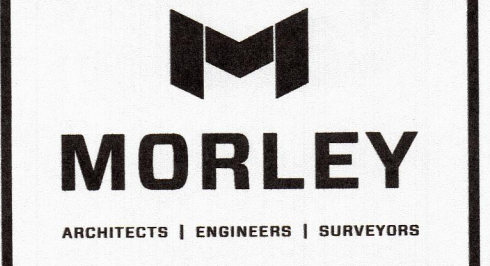
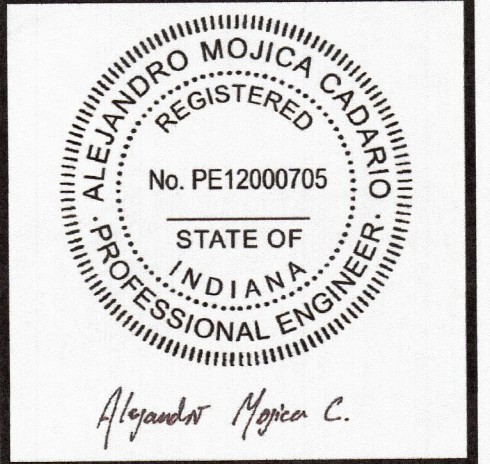
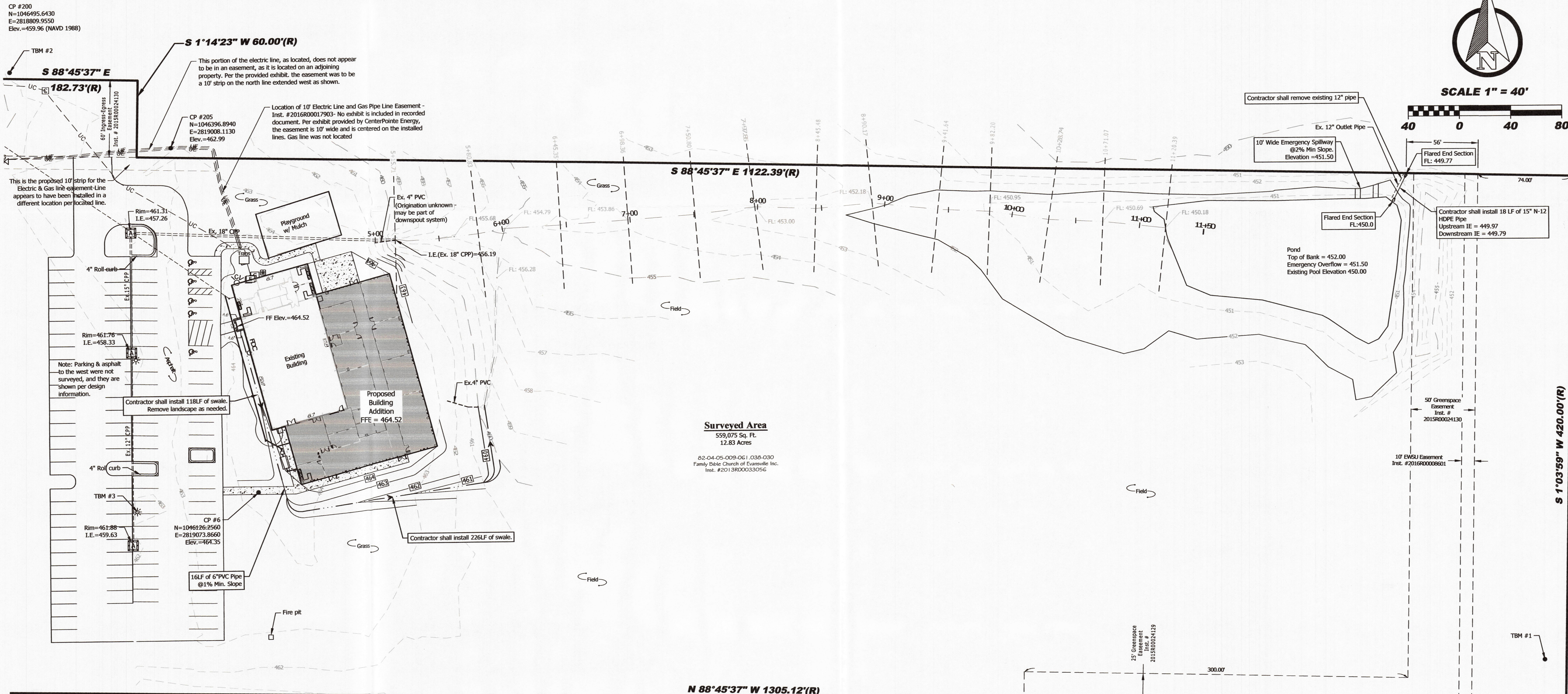
- Greenspace Easement - Inst. #2015R00024129 (See Survey of Plat)
- Ingress-Egress Easement - Inst. #2015R00024130 (See Survey of Plat)
- EWSU Easement - Inst. #2016R00008601 (See Survey of Plat)
- Electric Line and Gas Pipe Line Easement - Inst. #2016R00017903 - (See Survey of Plat)
- EWSU Water Easement - Inst. #2016R00031704 (Not shown on Survey - Easement lies along East side of Husky Way)

TBM #1 - Cash Cap found approximately 6.4' West of Husky Way, approximately 250' North of NW property corner. Elev. = 461.82 (NAVD 1988)

TBM #2 - Chiseled "X" on south side of manhole approximately 23' east of curb inlet north of entrance and 7' north of edge of pavement on entrance. Elev. = 454.76 (NAVD 1988)

TBM #3 - Chiseled square on east side of light pole. Elev. = 463.97 (NAVD 1988)

Current Owner: Family Bible Church of Evansville Inc.  
 Record Deed: 2013R00033056



All ideas, designs, calculations, and arrangements indicated or represented by this drawing are owned by and are the property of Morley and Associates, Inc. and were created as instruments of service for use on and in connection with the specified project. Morley and Associates retains all common law, statutory law and other rights, including copyright. No drawings or electronic files shall be reused for any purpose other than the project. They shall not be disclosed to or be used by any other person or firm without the written prior consent of Morley and Associates, Inc. Written dimensions on these drawings shall have precedence over scale dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and Morley and Associates, Inc. must be notified of any variations from the dimensions and conditions shown by these drawings. If differences exist between electronic files and the signed and sealed hard copy drawings, the hard copy shall govern.

4900 Rossbud Ln., Newburgh, IN 47030  
 812.464.9585 Phone 812.464.2514 Fax  
 morleycorp.com

Midwest Contracting, Inc.  
 for Family Bible Church

## Civil Drainage Plan

No.	By	Date
<b>Revisions</b>		
<b>Scale: 1" = 40'</b>		
Designed by: AMC	Job Number: 08964.1.003-A	
Drawn by: AMC	Date: 10/17/2022	
Filename: 8964 Civil Base		
Sheet Number: <b>C103</b>		

The boundary lines shown on this exhibit do not represent the results of a Retracement Survey as outlined in Title 865 of the Indiana Administrative Code. All boundary and easement lines shown are per record documents.

**APPROVED**  
 OCT 25 2022

VANDERBURGH COUNTY  
 DRAINAGE BOARD