

List of Utility and Official Contacts:

CenterPoint Energy
201 NW Fourth Street, Suite 306,
Evansville, IN 47708
812-435-5773

CALL BEFORE YOU DIG-BURIED LINE
LOCATION CALL 811

AT&T
Rob Chapman Jr. (JC7161@att.com)
Engineering Department
134 NW Sixth Street, Evansville, IN 47708
812-464-6055

Evansville Water and Sewer Utility
Doug Ohning (djonohning@ewsu.com)
Manager of Planning and Development
PO Box 19, Evansville, IN 47740
812-421-2120, EXT. 2217

CP #200
N=1046495.6430
E=2818609.9550
Elev.=459.96 (NAVD 1988)

Spectrum
Daryl Hulsey (daryl.hulsey@charter.com)
Construction Coordinator
1900 Old Business 41, P.O. Box 4658,
Evansville, IN 47724-0658
812-253-2755 Office
812-305-8348 Cell

WOW
James Fambrough
(james.fambrough@wowinc.com)
6045 Wedeking Avenue, Evansville, IN
47715
812-437-0395 Office
812-305-4756 Cell

Drainage or Public Land Issues in the County
Linda Freeman
(lfreeman@vanderburghsurveyor.com)
Vanderburgh County Surveyor
Room 325 Civic Center Complex
1 NW Martin Luther King Jr Blvd,
Evansville, IN 47708
812-435-5210

County Roads and Erosion Issues in the County
John Stoll (jstoll@vanderburghgov.org)
Vanderburgh County Engineer

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

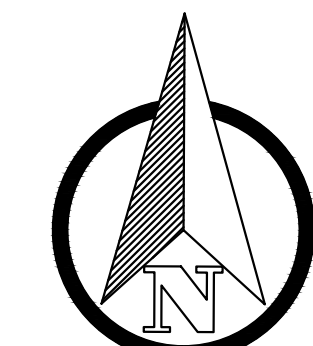
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811

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. (Drawer)
- E (East)
- Inst. (Instrument)
- N (North)
- R (Record Dimension)
- S (South)
- W (West)
- XX (Number of Parking Spaces in Row)



SCALE 1" = 40'



Proposed Legend

- Building Addition Footprint
- Sidewalk/Concrete Pavement
- Flowline

General Notes:

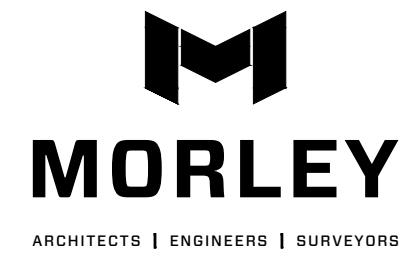
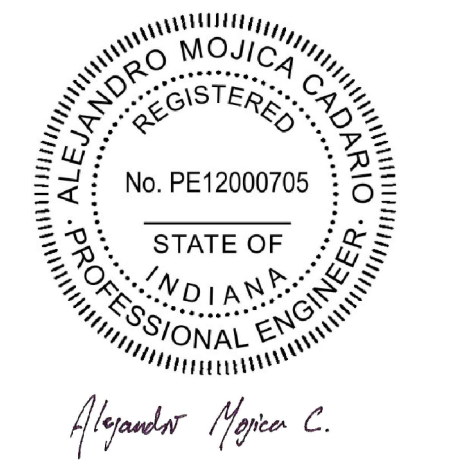
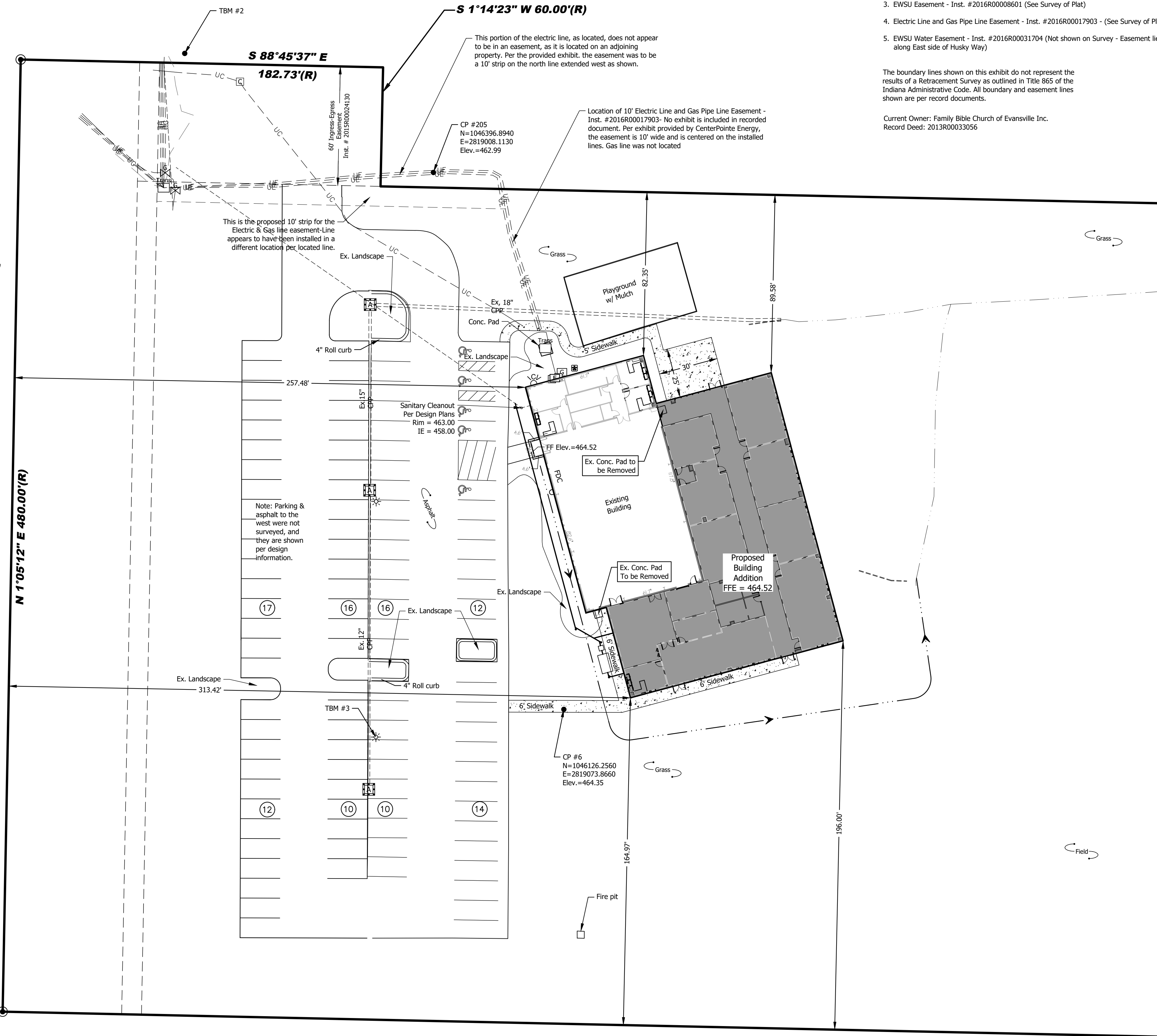
- Contractor shall comply with all local, state and federal codes, ordinances, rules, regulations, orders and other legal requirements of municipal authorities which bear on the performance of the work.
- The contractor is cautioned that the location and/or elevation of existing utilities as shown on 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 must contact the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities.
Indiana Underground Utility Locate Service
Phone: 811
- Material specifications shall be in conformance with applicable portions of the INDOT standard specifications, (latest edition) unless specifically stated otherwise on these plans, contract documents or local code.
- It is the responsibility of the developer or contractor to obtain all appropriate permits from all the governing agency's that have jurisdiction over the area where the work is proposed to be done.
- Erect and maintain all necessary barricades, detour signs, warning signals and lights (in conformance with the Indiana Department of Transportation Work Zone Traffic Control Guidelines: Construction, Traffic, Maintenance, and Utility Operations 2013; Indiana Manual on Uniform Traffic Control Devices for Highway Construction and Maintenance Operations; and Indiana Department of Transportation Standard Specifications - latest edition) and Technical Advisory(s) required to direct traffic safely over or around the place where work is being performed, that in any way interferes with traffic.
- The contractor shall repair and/or replace all existing utilities, sidewalks, curbs or other existing infrastructure damaged during construction of their project with like-kind.
- Erect and maintain all necessary barricades, detour signs, warning signals and lights (in conformance with the Indiana Department of Transportation Work Zone Traffic Control Guidelines: Construction, Traffic, Maintenance, and Utility Operations 2013; Indiana Manual on Uniform Traffic Control Devices for Highway Construction and Maintenance Operations; and Indiana Department of Transportation Standard Specifications - latest edition) and Technical Advisory(s) required to direct traffic safely over or around the place where work is being performed, that in any way interferes with traffic.
- The contractor shall repair and/or replace all existing utilities, sidewalks, curbs or other existing infrastructure damaged as a result of this project with like-kind.
- Existing roadways damaged during construction shall be repaired to a condition that is equal to or exceeds current conditions by the contractor to the satisfaction of the governing jurisdiction.
- Dimensions shown are from face of curb or face of building unless noted otherwise.
- The contractor shall be responsible for notifying all occupants of interruption to their utilities that will be caused by this project.
- All areas of new improvements shall comply with the Americans with Disabilities Act (ADA) Accessibility Guidelines (latest edition).
- Owner and/or Contractor to obtain permission from adjacent land owners if off-site areas are to be disturbed as a part of this project prior commencing work.
- 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.
- Transformer Pad to be installed by Contractor Per CenterPoint Energy Specifications. Contractor to Coordinate with CenterPoint Energy.

Parking Summary

General Information:
Existing/Proposed Use = Church
Current Zoning Classification = M-2 with Special Use 2
Lot Size = 12.83 ac
Building Area = 18,050 SF (Existing: 7,237SF Proposed Addition: 10,813SF)

Parking Information:
Total Number of Seats = 250
Total Required Parking Spaces = 78 spaces (0.3 per seat)
Total Available Parking Spaces = 107 spaces
Available Standard Parking Spaces = 102 spaces
Available ADA Parking Spaces = 5 spaces

Landscape Information:
Required Landscape Area = 107 / 15 = 7.13 = 7 x 136 = 952 SF (136 SF per 15 parking spaces)
Required Trees = 107 / 30 = 3.57 = 4 (1 tree per 30 parking spaces)
Provided Landscape Area = 1,730 SF
Provided Trees = 4



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 copyrights. 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.

4803 Rosebud Ln., Newburgh, IN 47630
812.464.9565 main 812.464.2514 fax
morleycorp.com

Midwest Contracting, Inc.
for Family Bible Church

Civil Site Plan

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Revisions

No.	By	Date

Scale: 1" = 40'

Designed By: AMC	Job Number: 08964.1.003-A
Drawn By: AMC	Date: 10/17/2022

Filename: **8964 Civil Base**

Sheet Number: **C101**

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-compacted 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.
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- 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 holing has been performed to verify the locations or depths. All contractors are required by law to contact the underground locate service prior to any digging or disturbance of the surface.

A. Utilities as marked on ground shown on survey.
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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
- Drawer
- East
- Instrument
- North
- Record Dimension
- South
- West

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. #2015R00031704 (Not shown on Survey - Easement lies along East side of Husky Way)

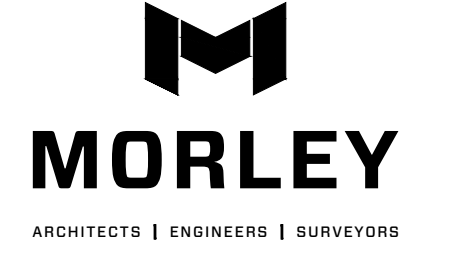
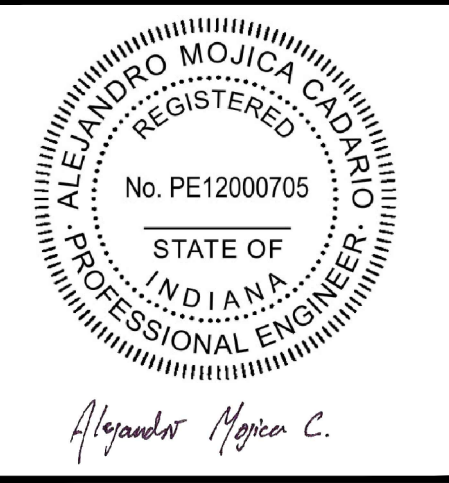
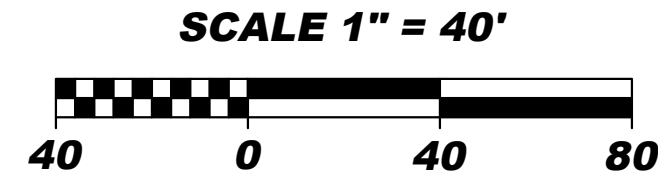
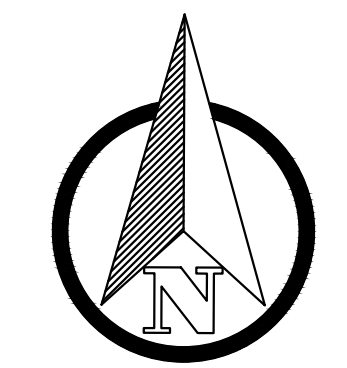
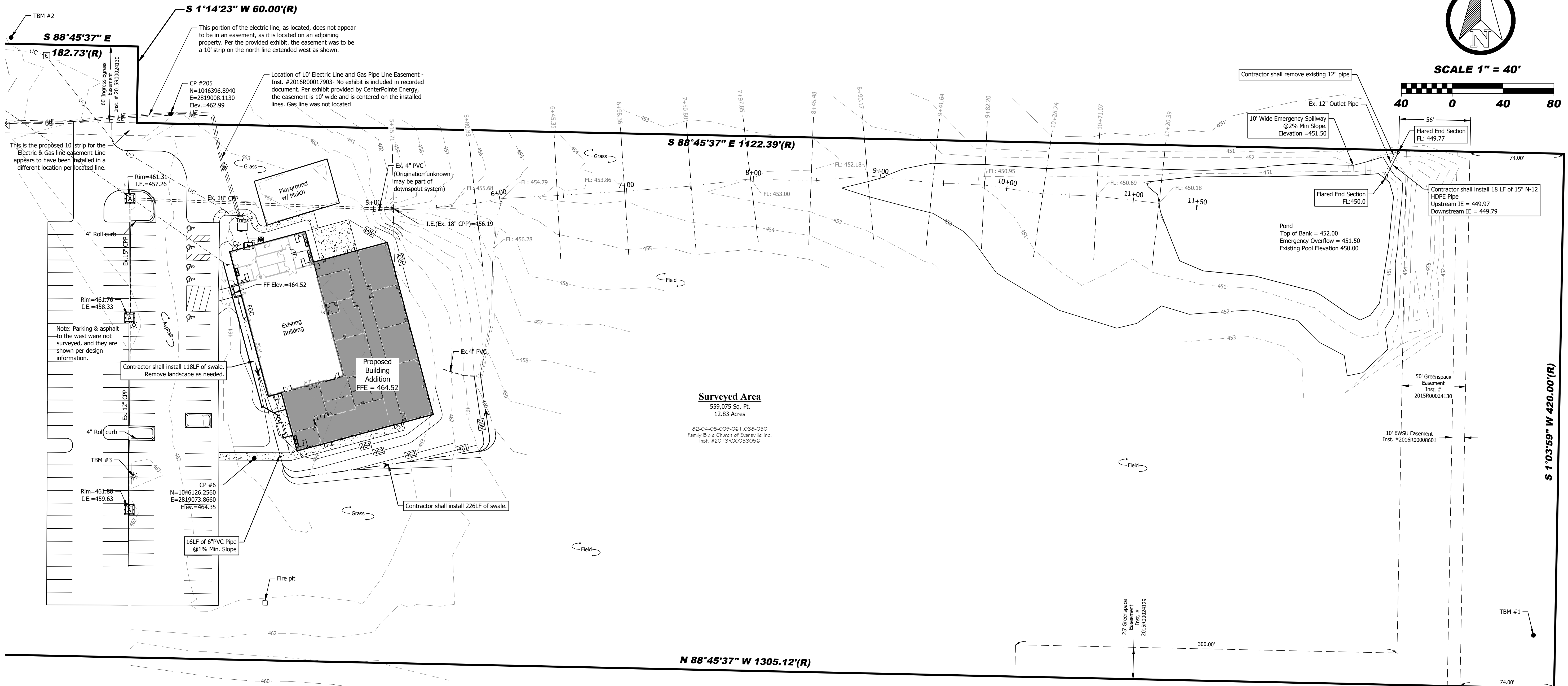
TBM #1 - Cash Cap found approximately 6.4' West of Husky Way, approximately 250' North of NW property corner. Elev. = 461.82 (NAVD 1988)

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

CP #200
 N=1046495.6430
 E=2818809.9550
 Elev.=459.96 (NAVD 1988)



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 812.464.9585 Fax: 812.464.2514
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Midwest Contracting, Inc.
 for Family Bible Church

Civil
 Drainage Plan

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

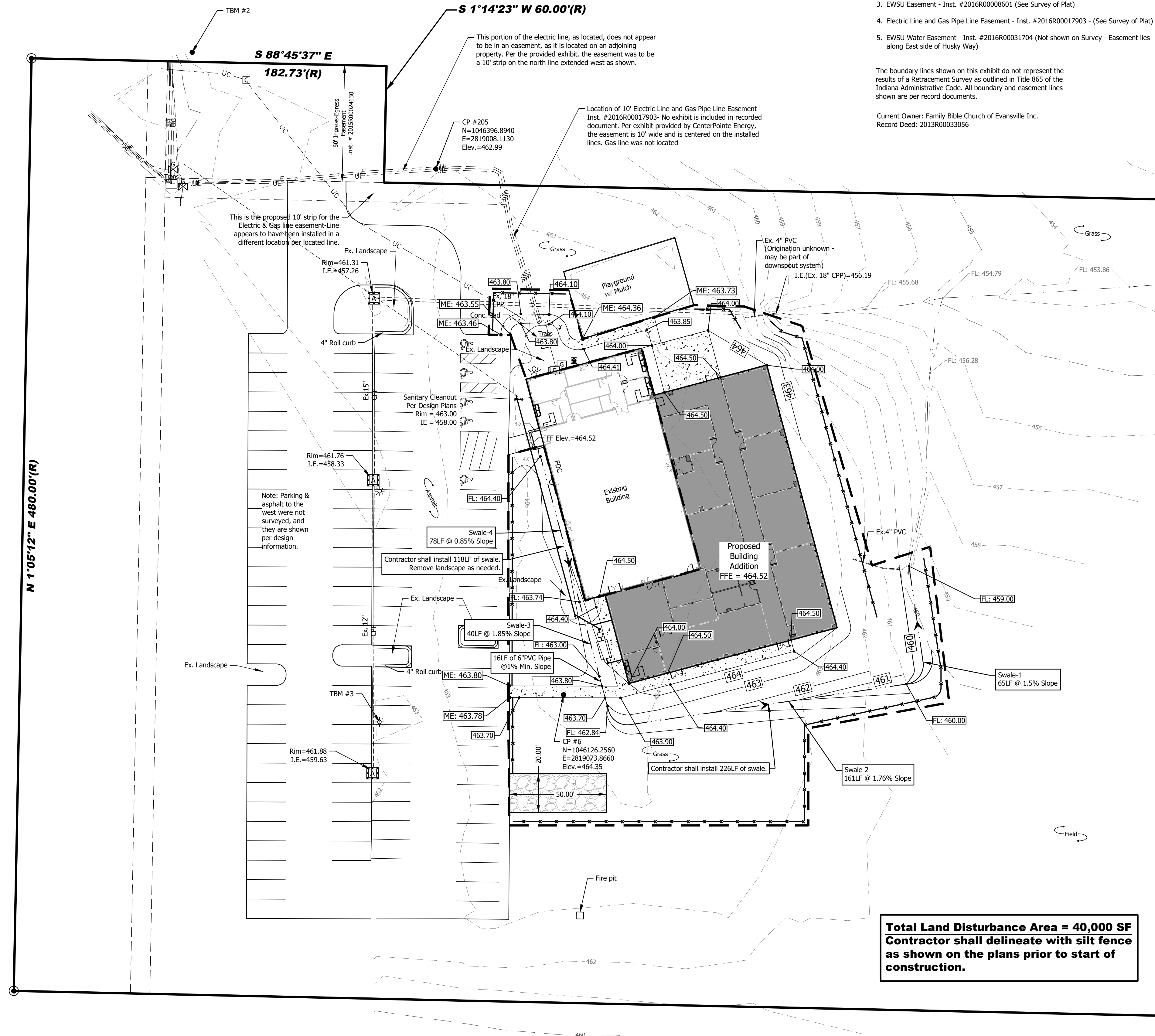
Sheet Number:
C103

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

Erosion Notes:

- All details and practice standards are shown in the most current edition of the Indiana Storm Water Quality Manual. Contractor should obtain a copy of this handbook from the following website www.idem.in.gov/stormwater or contact IDEM directly.
- Construct temporary gravel construction entrance/exit pad before commencing construction.
- Protect all drop inlets during construction with an approved form of drop inlet protection.
- The pollution prevention plans are general guidelines for the contractor to follow. The contractor is still required to keep all sediment off public roads and must follow all other guidelines as specified in the Indiana Storm Water Quality Manual.
- If any erosion control measure is not sufficient, the contractor shall add additional control measures as guided by the Indiana handbook.
- Filters, rock check dams, and/or silt fence may be required at locations other than those indicated on this plan. The contractor shall install such filters as needed to insure that runoff from disturbed areas does not leave the site without being treated.
- Topsail shall be stockpiled and strategically located throughout the site.
- Bulk clearing of sediment from pavement by flushing with water shall not be permitted.
- Any improvements to existing swales or ditches shall not impede previous flow conditions.
- 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.

CP #200
N=1046495.6430
E=2818099.9550
Elev.=459.96 (NAVD 1988)



Total Land Disturbance Area = 40,000 SF
Contractor shall delineate with silt fence as shown on the plans prior to start of construction.

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)

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

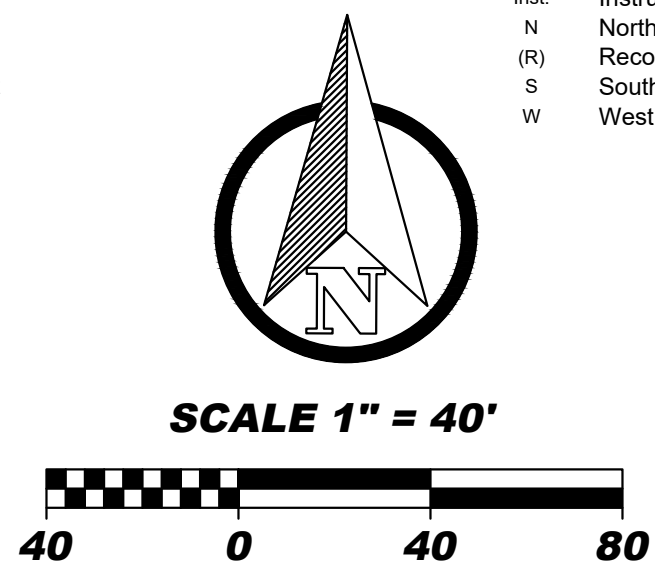
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 - Gas Meter
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 - Light Pole
 - Flow Line
 - Property Boundary Line
 - Handicap Parking Space
 - Drawer
 - East Instrument
 - North Record Dimension
 - South
 - West

Proposed Legend

- Building Footprint
- Sidewalk/Concrete Pavement
- Flowline
- Limits of Construction
- Sediment Fence
- Temporary Construction Ingress / Egress Pad



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

General Notes:

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- 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 6" 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-compacted 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.
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- 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.

Site Grading Guidelines:

- Preferred minimum pavement slope = 0.5% flow.
- All surfaces shall be graded to drain.
- Local, state, and national laws and guidelines shall take precedence over design information if in conflict. Contractor shall inform client and Morley in writing if any conflicts arise.
- Ramps shall be equipped with handrails on both sides if the rise is greater than six inches or if the ramp's length is greater than six feet.
- Maximum cross slopes of a ADA accessible route shall be 1:50 (2.0%).
- Changes in level 1/4 in. or less may be vertical without edge treatment. Changes in level between 1/4 in. and 1/2 in. shall be beveled with a slope no greater than 1:2. Changes in level greater than 1/2 in. shall incorporate a "ramp". Maximum slope on ramp shall be 1:12.
- Landings shall be incorporated in ramps so that the maximum vertical rise between landings is no greater than 30 inches. Landings shall be a minimum of 60 inches in length and as wide as the ramp (36 inches min.)
- Landings at a change in direction shall be 60 inches wide and 60 inches long (minimum).
- Maximum slope in an ADA parking space and its aisle shall be 1:50 (2.0%).
- 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.

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.

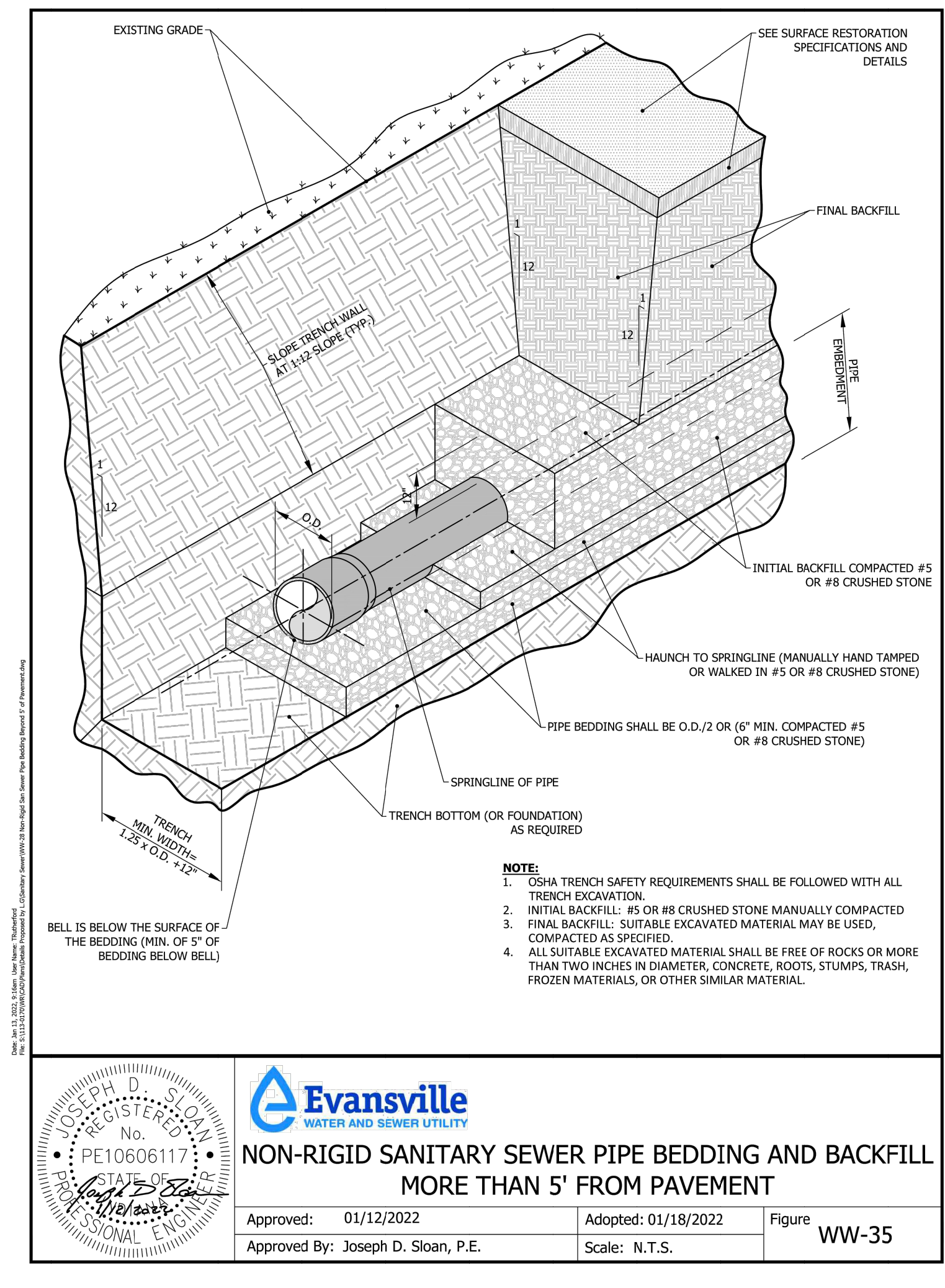
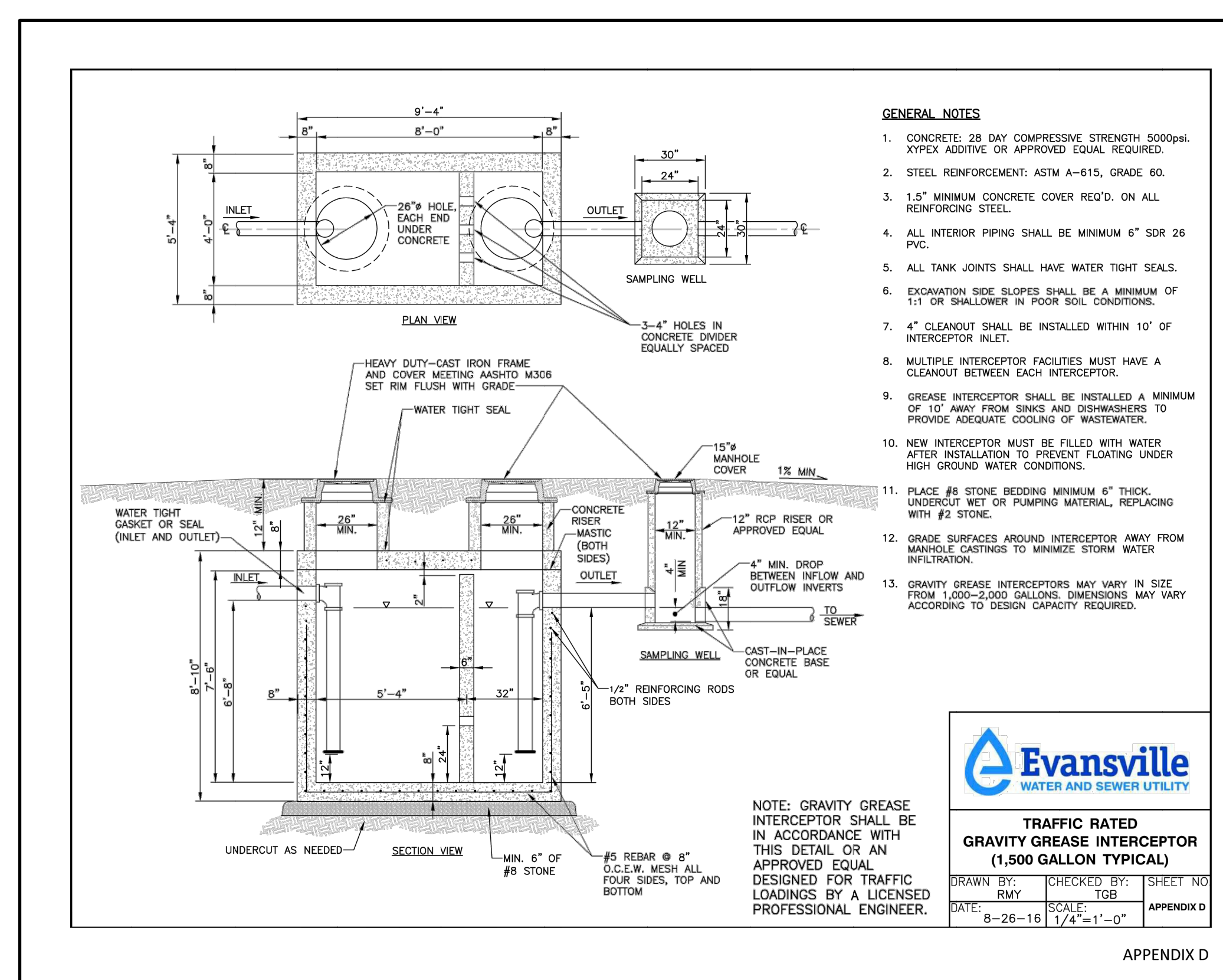
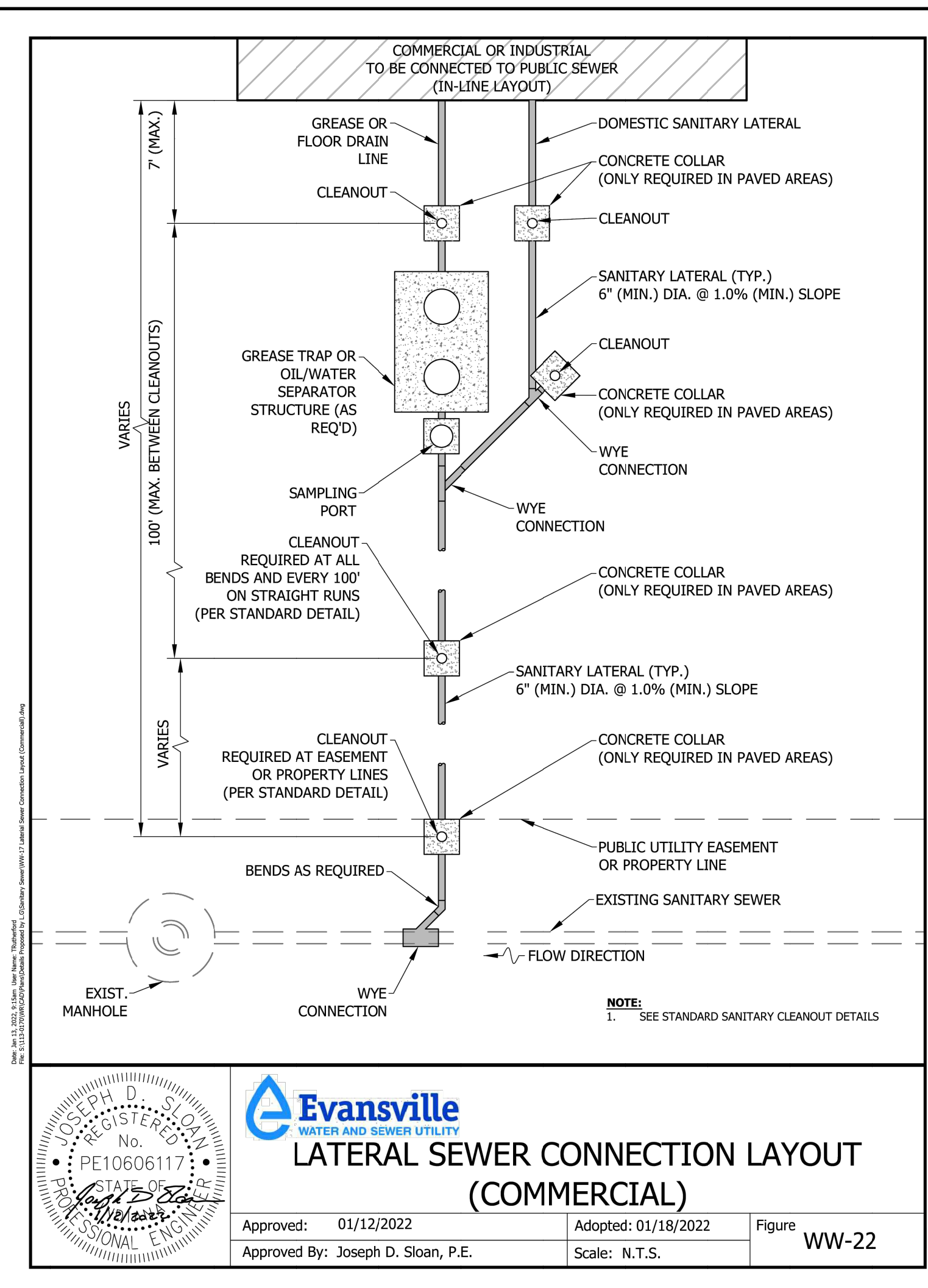
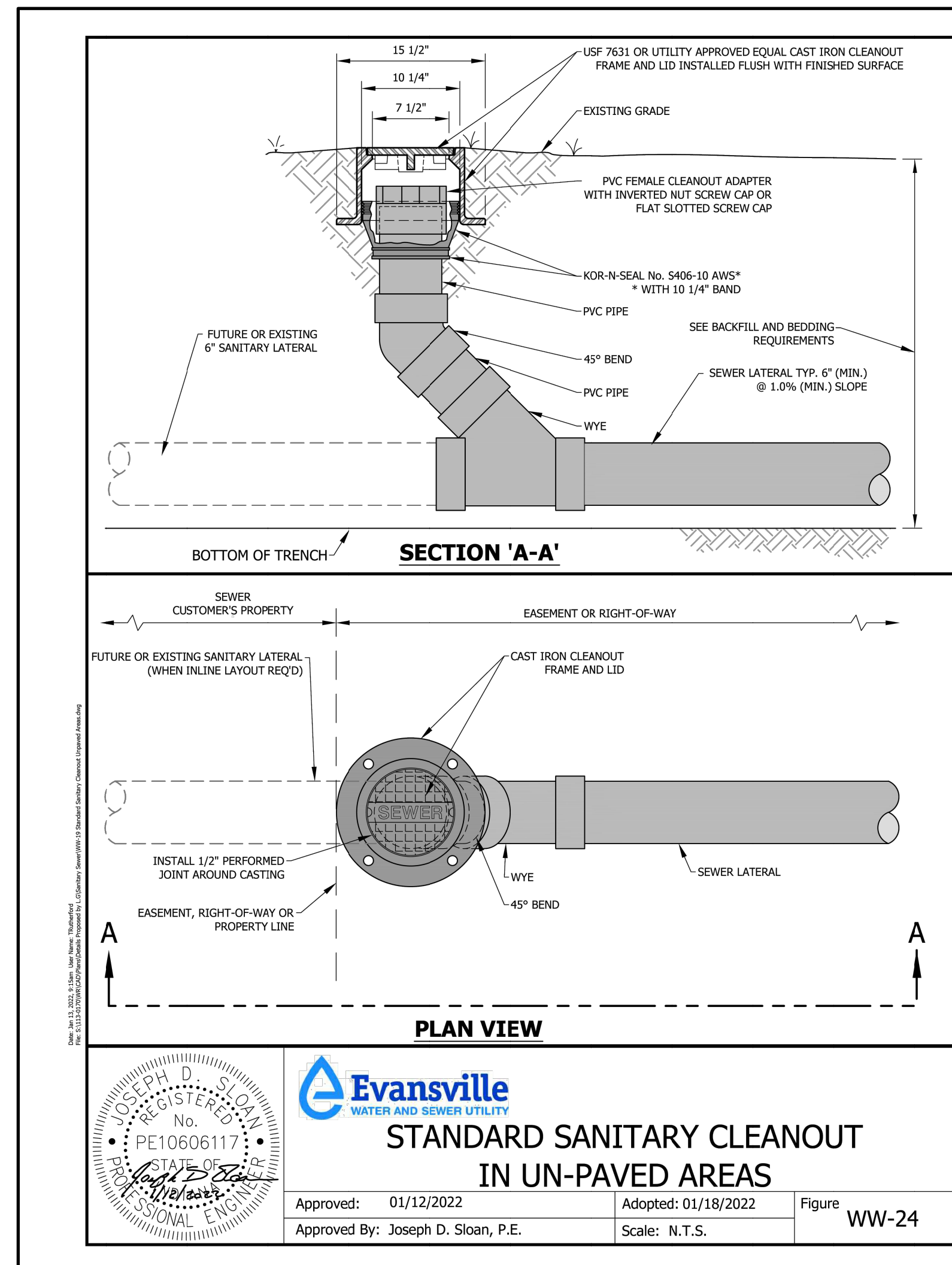
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Midwest Contracting, Inc.
for Family Bible Church

Civil
Grading and
Drainage Plan

No.	By	Date
Revisions		
Scale: 1" = 40'		
Designed By:	AMC	Job Number: 08964.1.003-B
Drawn By:	AMC	Date: 10/17/2022
Filename: 8964 Civil Base		
Sheet Number:		
C104		



ALEXANDRO MOJICA CADRILO
 REGISTERED PROFESSIONAL ENGINEER
 No. PE12000705
 STATE OF INDIANA
 Alejandro Mojica C.

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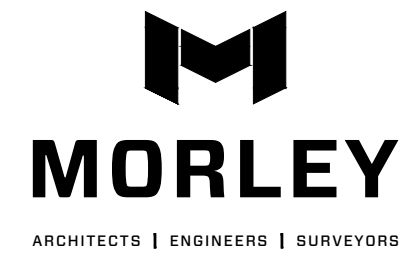
Civil
 Utility Details

No.	By	Date

Revisions

Scale: 1" = 40'

Designed By: AMC Job Number: 08964.1.003-B
 Drawn By: AMC Date: 10/17/2022
 Filename: 8964 Civil Base
 Sheet Number: C502

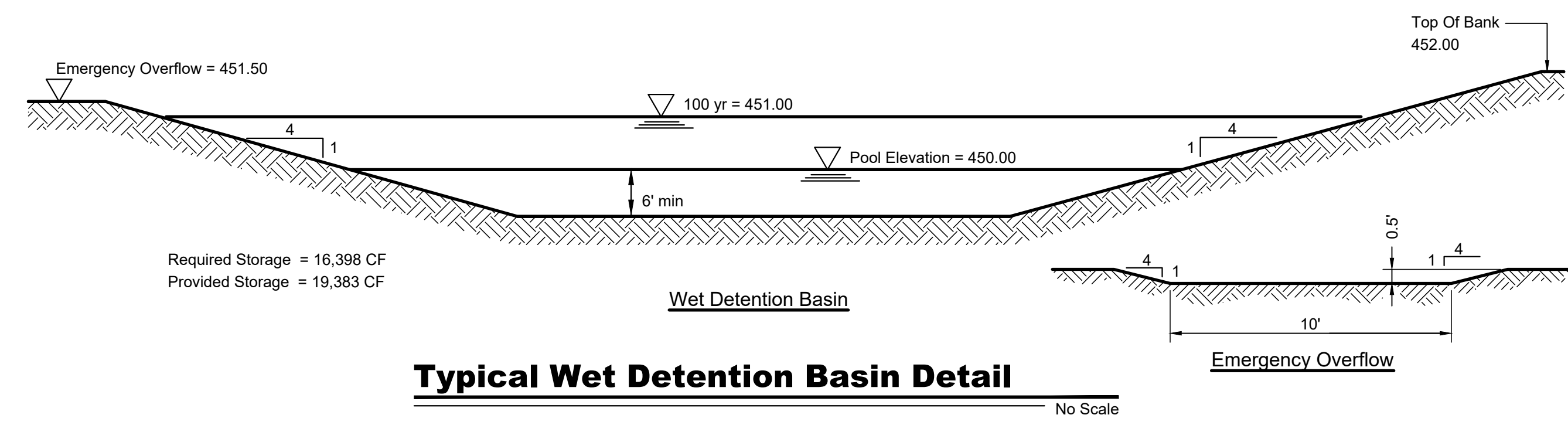


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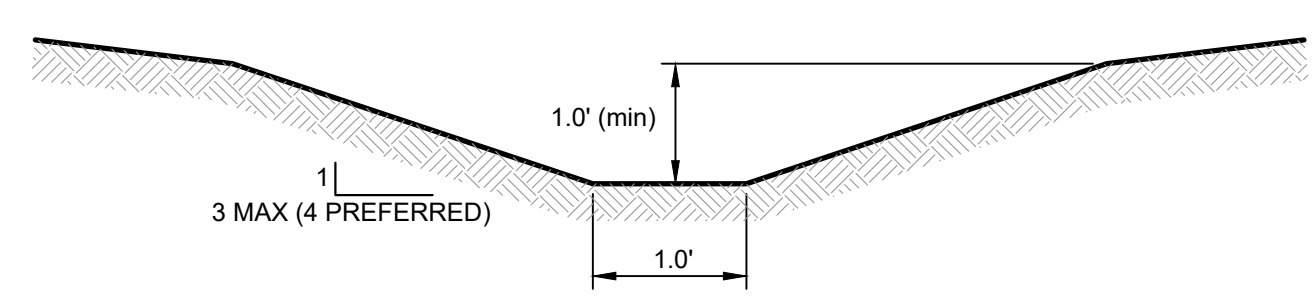
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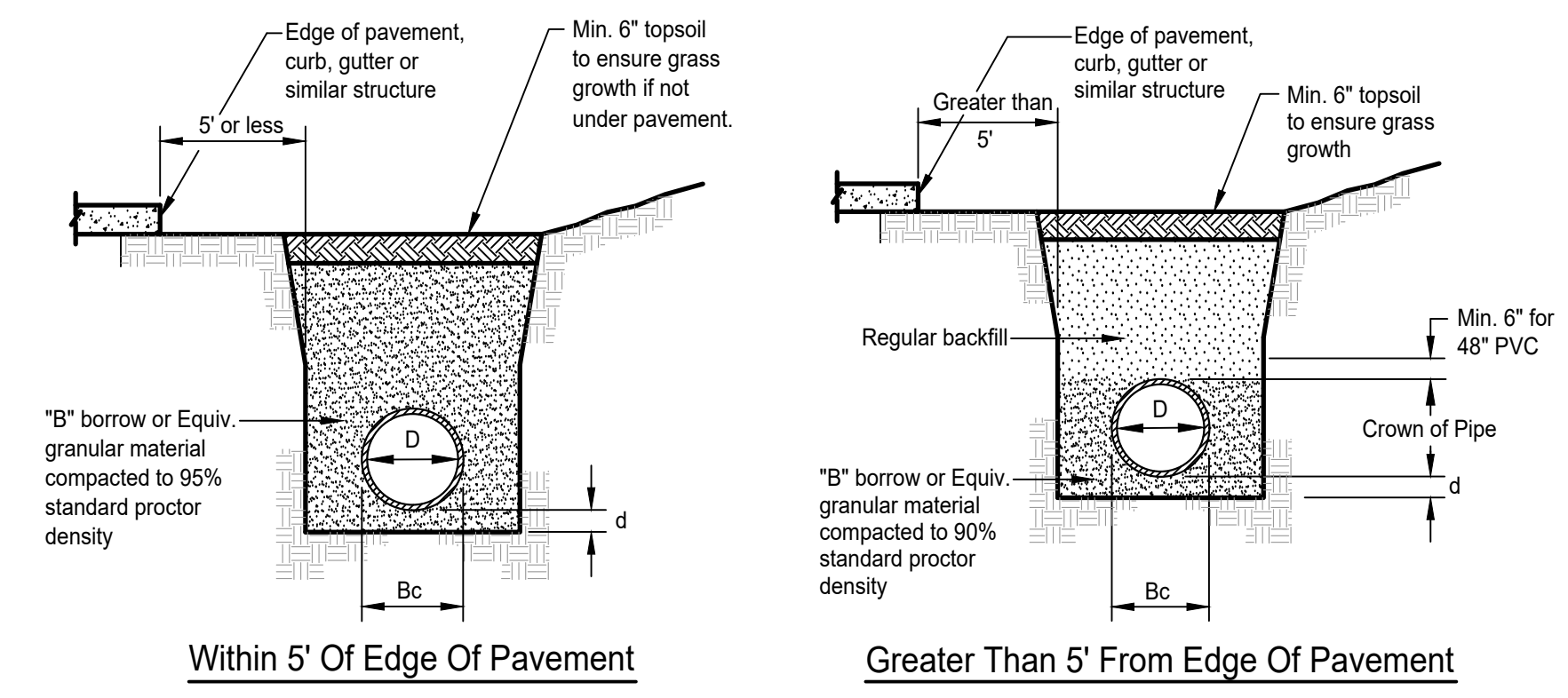
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- Notes:**
- Channels with grades from 0.80% to 1% slopes shall be seeded and mulched
 - The bottoms of seeded, grass-lined channels with grades from 1% to 2% shall have erosion control blankets properly installed.
 - Channels with grades greater than 2% and up to 6% shall have bottoms lined in staked sod.
 - All channels with grades greater than 6% shall have bottoms lined with 6" rip-rap.
 - Side banks of grass-lined channels with a grade of 2% of greater shall be protected by erosion control blankets installed coincidental with seeding, and in accordance with manufacturer's recommendations.



Typical Swale Cross Section
No Scale



Minimum Trench Widths

D	Min. Width
12"	31"
15"	35"
18"	43"
24"	56"
30"	66"
36"	78"
42"	84"
48"	91"
54"	97"
60"	103"

- Notes:**
- All bedding & initial backfill shall be installed in 6" to 8" balanced lifts
 - A minimum cover of 12" shall be provided from the top of pipe to the ground surface.
 - Installation shall be in accordance with the pipe manufacturer's minimum recommended standards and / or this detail, whichever is greater.
- Legend:**
- Bc = Outside Diameter
D = Inside Diameter
d = Depth of Bedding Material Below Pipe
- Depth of Bedding Material Below Pipe**
- | D | (d) Min. |
|-----------|----------|
| 12" & 15" | 5" |
| 18" & 24" | 6" |
| 48" | 6" |

Midwest Contracting, Inc.
for Family Bible Church

Civil
Drainage Details

No.	By	Date

Revisions

Scale: 1" = 40'

Designed By: AMC Job Number: 08964.1.003-B
Drawn By: AMC Date: 10/17/2022
Filename: 8964 Civil Base
Sheet Number: **C503**

