



Existing Site and Demolition Plan



Property Address

550 Superior Ave, Munster, IN 46321

Legal Description

ALL OF LOT 5 AND THE WEST 55FT OF LOT 4 IN MIDWEST CENTRAL INDUSTRIAL PARK UNIT 1 AS RECORDED IN PLAT BOOK 52 PAGE 31 IN THE OFFICE OF THE RECORDED, LAKE COUNTY, INDIANA

Existing and Demolition Site Notes

- Boundary Information per Midwest Central Industrial Park Unit 1 Subdivision Plat, recorded as Plat Book 52 Page 31.
- Property Information:
Parcel Number: 45-06-36-202-003.000-027
Total Area: 1.45 Acres
Zoning Class: General Urban - B District (CD-4.B)
Light Manufacturing & Assembly
- Coverage Information
Total Area: 1.45 Acres
Impervious Area: 46,914 sq.ft. (74.9%±)
Green Area: 15,744 sq.ft. (25.1%±)
Building Area: 19,697 sq.ft. (31.4%±)
- Lots are currently zoned General Urban - B District (CD-4.B):
Minimum Lot Width: 18 ft.
Maximum Lot Coverage: 70%
Maximum Height: 4 Stories (50 ft.)
Front Setback (Principal): 0 ft. (Min) ; 20 ft. (Max)
Front Setback (Secondary): 0 ft. (Min) ; 20 ft. (Max)
Side Setback: 0 ft. or 6ft. (Min) per side ; 130 ft. (Max) Combined
Rear Setback: 3 ft. (Min) or 15 ft. from centerline of Rear Lane or Rear Alley
- Topography and spot grades shown per manual field work performed by McMAHON Associates, Inc completed on August 21, 2025.
- The utilities shown in plan are indicated in accordance with available records, field evidence, and Indiana 811 (Ticket no. 25073002133). The contractor shall be responsible for obtaining exact locations and elevations of all utilities, including any private utilities, from the owners of the respective utilities. All utilities shall be notified 72 hours prior to excavation.
- Flood zones shown per FEMA Flood Map Service Center. The accuracy of any flood hazard data shown on this report is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. All of the within described land appears to lie within special flood hazard zone 'X' as said tract plots by scale on community-panel #18089C0117E of the flood insurance rate maps for the Town of Munster (maps dated January 18, 2012).
- Soil delineation per United States Department of Agriculture (USDA) Web Soil Survey, the entire site is comprised of Bono Silty Clay (Bn).
- Per U.S. Fish & Wildlife Service National Wetland Inventory Map, no wetlands exist on site.
- No effort has been made to determine the existence or extent of hazardous materials, if any exist. All improvements shown were visible and above ground. No excavations, probings, etc. were made during the progress of this survey for any buried or non-visible utilities/structures.

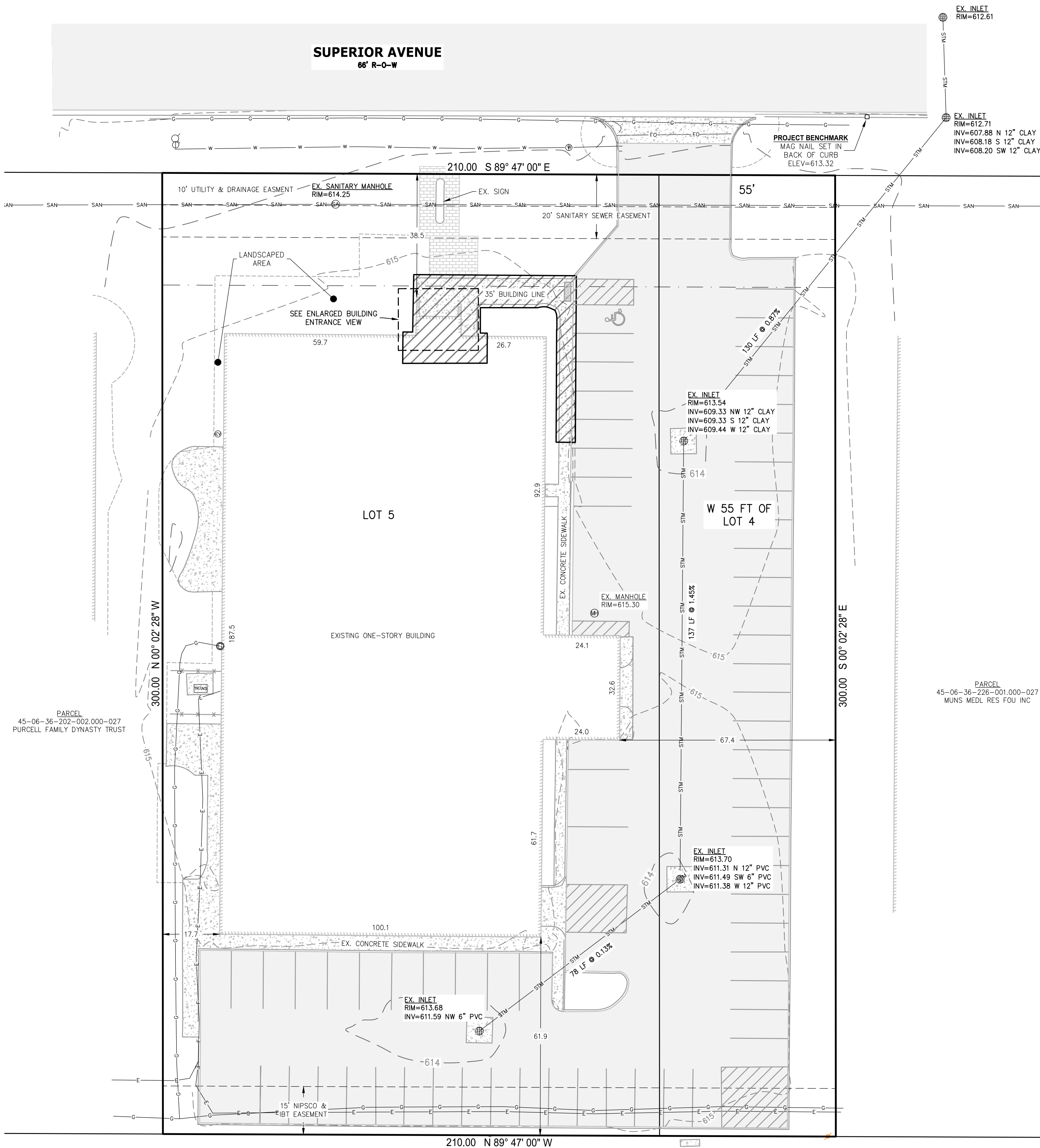
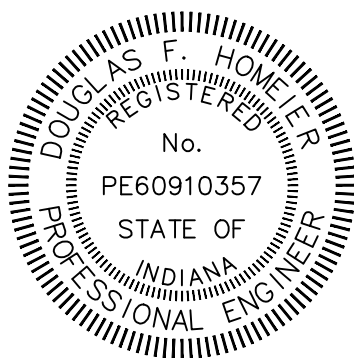
Existing Site and Demolition Legend

Asphalt Pavement		Irrigation Control Valve	
Brick		Over Head Utility	— OHU —
Building		Power Pole	
Concrete		Sanitary Line	— SAN —
Demolition Area		Sanitary Manhole	
Electrical Line	— E —	Storm Inlet	
Elevation — Spot Grade	x100.0	Storm Line	— STM —
Fence	— X —	Transformer	
Fiber Optic Line	— FO —	Water Line	— W —
Fire Hydrant		Water Valve	
Gas Line	— G —		

Soil Legend

Soil Symbol	Soil Description
Bn	Bono silty clay

Douglas F. Homan



McMAHON
ENGINEERS-ARCHITECTS

962 South State Road 2
Valparaiso, Indiana 46385
Tel: (219) 462-7743 Fax: (219) 464-8248
mcm@mcmgrp-in.com

McMahon Associates, Inc. provides professional engineering and architectural services. All rights including copyright are reserved. The information contained herein is the property of McMahon Associates, Inc. The user of this information is hereby notified that it is to be used only for the purpose intended and that it is not to be used for any other purpose without the written consent of McMahon Associates, Inc.

NO.	DATE	REVISION

550 Superior Avenue, Munster, Indiana 46321
Midwest Central Industrial Park, Unit 1
Existing Site and Demolition Plan

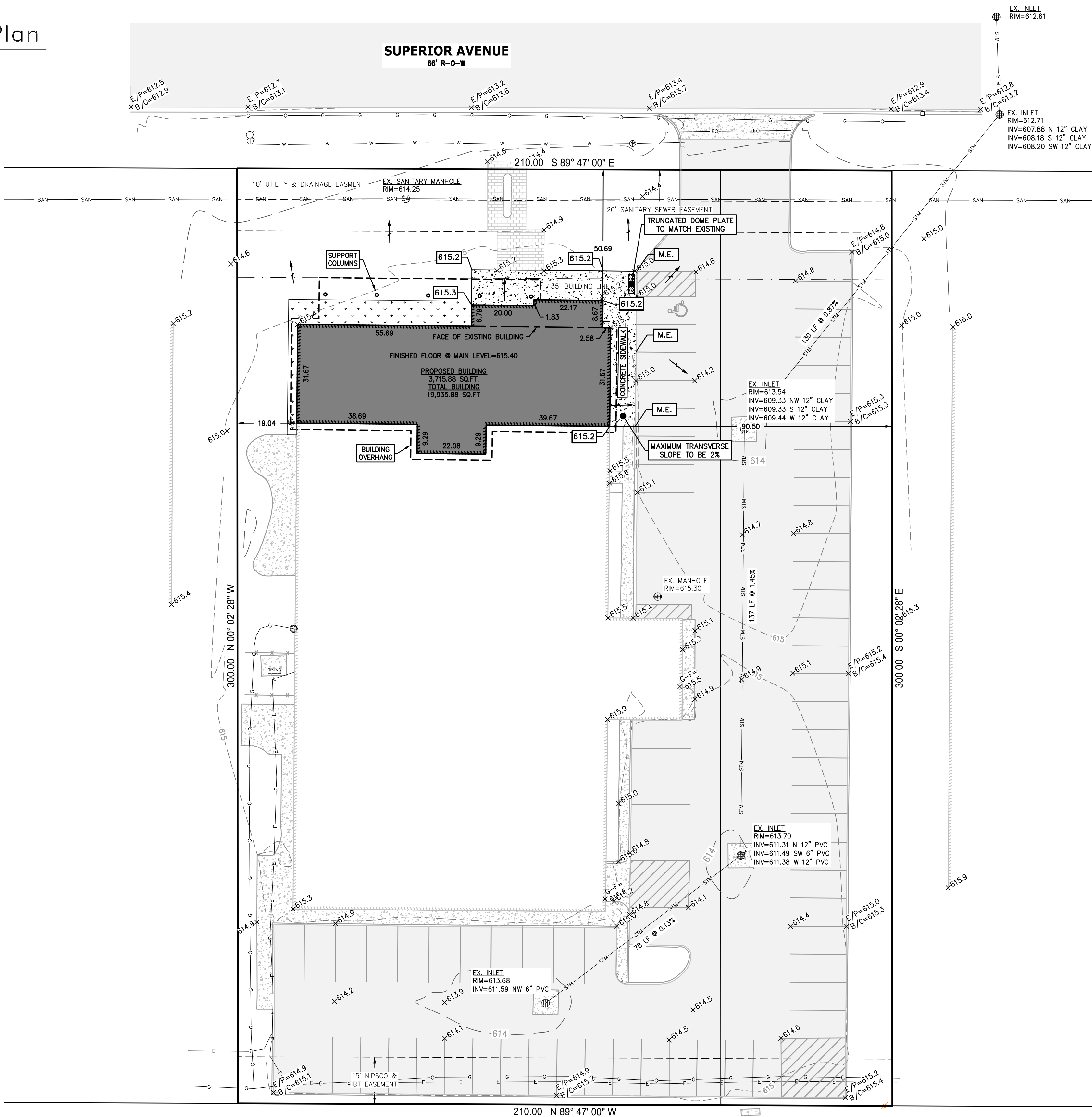
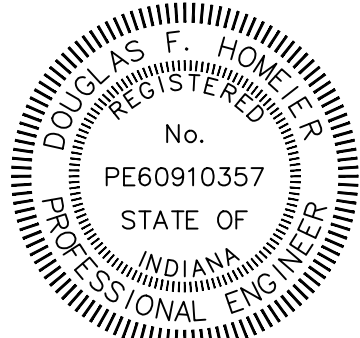
DESIGNED DFH	DRAWN MNR
PROJECT NO. M0581-05-25-00152.00	
DATE 11/03/2025	
SHEET NO. C1.0	



- Property Information:
Parcel Number: 45-06-36-202-003.000-027
Total Area: 1.45 Acres
Zoning Class: General Urban - B District (CD-4.B)
Light Manufacturing & Assembly
2. Coverage Information
Total Area: 1.45 Acres
Impervious Area: 47,150 sq.ft. (75.2%±)
Green Area: 15,508 sq.ft. (24.8%±)
Building Area: 19,935 sq.ft. (31.8%)
3. Lots are currently zoned General Urban - B District (CD-4.B):
Minimum Lot Width: 18 ft.
Maximum Lot Coverage: 70%
Maximum Height: 4 Stories (50 ft.)
Front Setback (Principal): 0 ft. (Min) ; 20 ft. (Max)
Front Setback (Secondary): 0 ft. (Min) ; 20 ft. (Max)
Side Setback: 0 ft. or 6 ft. (Min) per side ; 130 ft. (Max) Combined
Rear Setback: 3 ft. (Min) or 15 ft. from centerline of Rear Lane or Rear Alley
4. No exterior utility work to be needed for site improvements.
5. Topography and spot grades shown per manual field work performed by McMAHON Associates, Inc completed on August 21, 2025.
6. Flood zones shown per FEMA Flood Map Service Center. The accuracy of any flood hazard data shown on this report is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. All of the within described land appears to lie within special flood hazard zone 'X' as said tract plots by scale on community-panel # 18089C0117E of the flood insurance rate maps for the Town of Munster (maps dated January 18, 2012).
7. Per U.S. Fish & Wildlife Service National Wetland Inventory Map, no wetlands exist on site.
8. All work shall be performed in accordance with all local, state and federal codes.
9. The contractor shall obtain all necessary permits for construction.
10. Timely notification of necessary governmental agencies regarding the commencement of construction activity is required.
11. All work performed on the site shall conform to the site construction plans and specifications. Public improvements (including areas within right-of-way) shall conform to the Town of Munster standards.
12. The contractor shall be responsible for maintaining safe traffic control on the site and adjacent public streets, as related to both physical site improvements and the movement of construction traffic.
13. All necessary inspections and certifications, as required by ordinance, code, utility companies or government agencies shall be completed before the final connection of services.

Proposed Site Legend	
Building	
Catch Basin	
Concrete	
Drainage Flow	
Elevation - Concrete	
Elevation - Match Existing	
Landscaped Area	
Truncated Dome	

Douglas F. Homier



McMAHON
ENGINEERS ARCHITECTS

McMahon Associates, Inc. provides this drawing & data, regardless of form, as instruments of service. All rights including copyrights are retained by McMahon Associates, Inc. The client and/or recipient agree to the fullest extent permitted by law to indemnify and hold McMahon Associates, Inc. harmless for any reuse or changes made to the original drawing or data without prior written consent by McMahon Associates, Inc.

NO.	DATE	REVISION

550 Superior Avenue, Munster, Indiana 46321
Midwest Central Industruak Park, Unit 1
Proposed Building Addition, Drainage, and Grading Plan

DESIGNED DFH	DRAWN MNR
PROJECT NO. M0581-05-25-00152.00	
DATE 11/03/2025	
SHEET NO.	

C2.0



Proposed Erosion and Sediment Control Plan



Erosion Control Site Notes

- Total disturbed area = 0.2± Acres.
- Proposed silt fence denotes limits of construction.
- Stabilization Requirements are to be aligned with the IDEM CSGP standards as delineated in section 3.4:
 - Un-vegetated areas that are left idle or scheduled to be left inactive must be temporarily or permanently stabilized with measures appropriate for the season to minimize erosion potential. To meet this requirement, the following apply:
 - Stabilization must be initiated by the end of the seventh day the area is left idle. The stabilization activity must be completed within fourteen (14) days after initiation. Initiation of stabilization includes, but is not limited to, the seeding and/or planting of the exposed area and applying mulch or other temporary surface stabilization methods where appropriate. Areas that are not accessible due to an unexpected and disruptive event that prevents construction activities are not considered idle.
 - Areas that have been compacted may be excluded from the stabilization requirement when the areas are intended to be impervious surfaces associated with the final land use, provided run-off from the area is directed to appropriate sediment control measures.
 - Final stabilization of a project site is achieved when:
 - All land-disturbing activities have been completed and a uniform (evenly distributed, without large bare areas) perennial vegetative cover with a density of seventy percent (70%) has been established on all unpaved disturbed areas, and areas not covered by permanent structures, or equivalent permanent stabilization measures have been employed. This requirement does not apply to:
 - Landscaping that is part of the final project plan. This is considered stable when the plan has been fully implemented and areas not being vegetated are stable with a non-erosive material and/or product.
 - Projects or specific stormwater measures that utilize native vegetation and/or special vegetative plantings that are either required by a water quality permit/authorization or part of the design and functionality of a stormwater measure provided the activity does not pose a threat that will result in off-site sedimentation.
 - Projects on land used for agricultural purposes when:
 - Stabilization is completed in accordance with Section 3.4 (a) as land-disturbance progresses. Land that is returned to agricultural production must be temporarily or permanently seeded upon completing land-disturbing activities. Stabilization requirements may be waived by the inspecting authority if the project site does not pose a threat of discharging sediment.
 - Disturbed areas not previously used for agricultural production, such as filter strips, must be returned to their pre-land disturbance use.
 - Specific projects, due to function and/or operation may necessitate that an area remain disturbed. Only the minimum operational area is allowed to remain disturbed. This option primarily applies to off-road recreational commercial operations but may apply to other land use types upon determination by the regulating entity.
- Existing vegetation, trees and shrubs, are to be removed as necessary. If existing trees are desirable, the owner/developer should enact a tree conservation and protection plan (not anticipated and therefore not included on this plan) to ensure survival of desirable trees from the effects of compaction, grading damage, wound prevention and a plan for tree repairs from construction activities. The owner/developer should see the Soil Conservation Service or the State Forester for assistance if enacting this plan.
- Sediment accumulation onto off site roadways shall be minimized, and where necessary, kept cleared every day. Bulk clearing of accumulated sediment shall be returned to the point of likely origin or other suitable on site location(s). Accumulated sediment should be removed by scraping and/or sweeping.
- Appropriate measures shall be taken to minimize or eliminate wastes, unused building materials, and/or other substances from being carried from the site by storm water runoff. proper disposal or management of all wastes, appropriate to the nature of the waste, is required. Contact operating authority (information located this page) for verification of waste removal during building construction.
- All erosion and sediment control measures are to be implemented immediately following the start of construction activity and be maintained and inspected weekly during construction as well as after each 1/2" rain event.
- Developer to maintain silt fence around building during construction and install permanent seeding when construction is complete. All erosion and sediment control measures shall be inspected and maintained until permanent stabilization has been achieved (i.e. 70% vegetative cover).
- All appropriate erosion control measures shall be implemented in accordance with all applicable requirements and standards of Lake County.
- All spoils are to remain onsite and utilized during the course of construction. If for any reason spoil needs to be hauled offsite (not anticipated), Owner/Developer is to be responsible for the activity. Owner/Developer is to track the amount of spoil given or sold to each individual/company and the location at which the spoil will be used. If at any time spoil from subject site is used to disturb more than minimum required amount of site disturbance (based on municipality), that individual/company is responsible for establishing a local erosion control permit or an IDEM Construction Stormwater General Permit (CSGP).

Proposed Erosion Control Legend

Concrete Washout	
Inlet Protection Basket	
Permanent Seeding	
Silt Fence (sediment fence)	
Temporary Seeding	
Topsail (salvage and utilization) ~If stockpile is left for more than 15 days, it is to be temporary seeded	

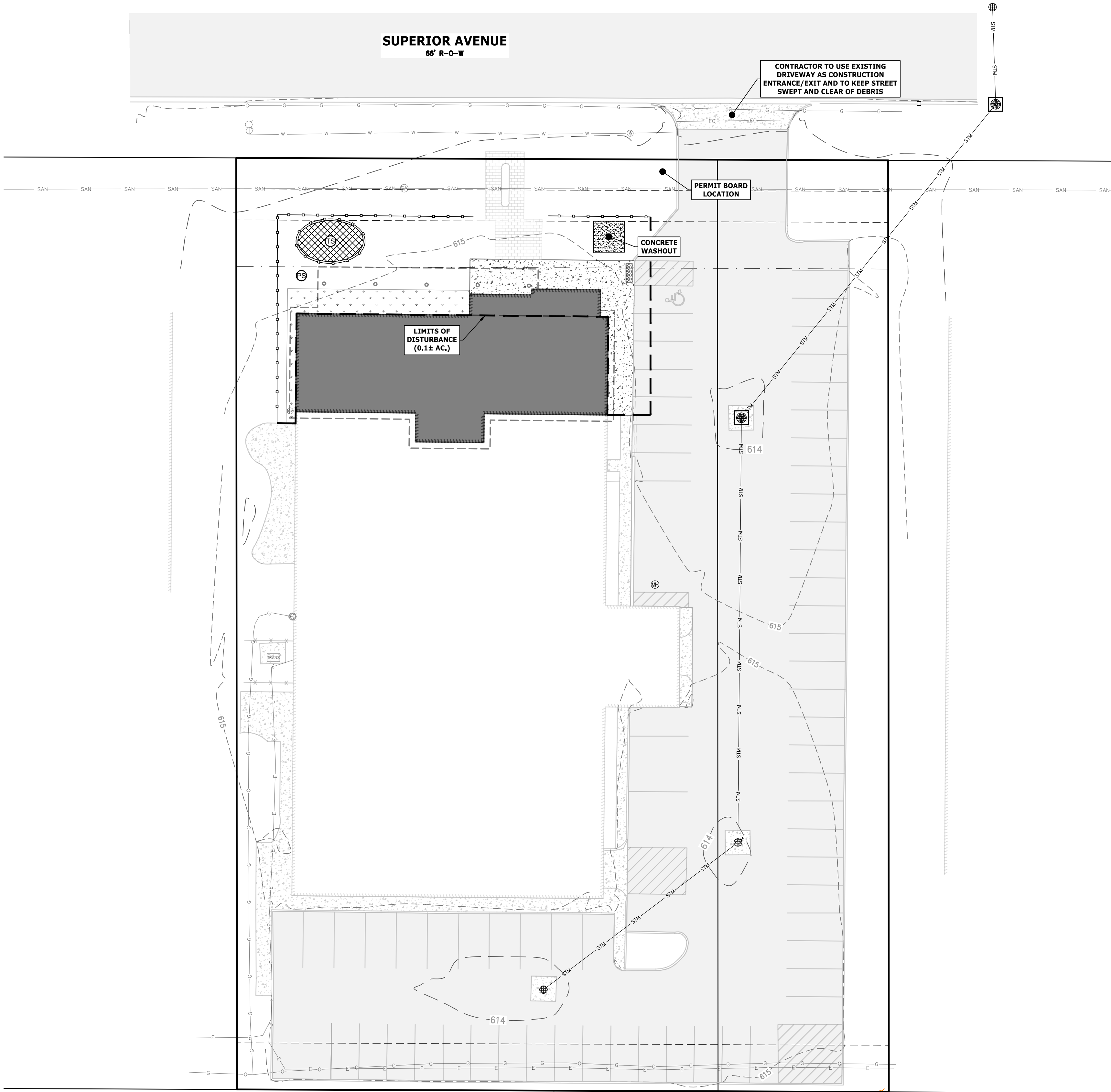
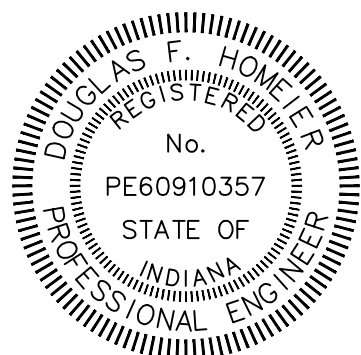
Operating Authority
Laborers' International Union
of North America Local 41
550 Superior Ave
Munster, Indiana 46321
Tel: (219) 924-7922

Developer / Owner
Laborers' International Union
of North America Local 41
550 Superior Ave
Munster, Indiana 46321
Tel: (219) 924-7922

Design Company
McMAHON Engineers/Architects
952 S. State Road 2
Valparaiso, Indiana 46385

Soil Legend	
Soil Symbol	Soil Description
Bn	Bono silty clay

Douglas F. Homeier



McMAHON
ENGINEERS-ARCHITECTS

952 South State Road 2
Valparaiso, Indiana 46385
Tel: (219) 462-7743 Fax: (219) 464-8248
mcm@mcmggrp-in.com

McMahon Associates, Inc. provides professional engineering and architectural services. All rights including copyright are reserved by McMahon Associates, Inc. The information contained herein is the property of McMahon Associates, Inc. and is to be used only for the project and purpose for which it was prepared. No part of this drawing or data without prior written consent by McMahon Associates, Inc.

REVISION

DATE

NO.

550 Superior Avenue, Munster, Indiana 46321
Midwest Central Industriak Park, Unit 1
Proposed Erosion and Sediment Control Plan

DESIGNED
DFH

DRAWN
MNR

PROJECT NO.
M0581-05-25-00152.00

DATE
11/03/2025

SHEET NO.

C3.0

MCMAHON/ASSOCIATES, INC. HAS PREPARED THIS EROSION AND SEDIMENTATION CONTROL PLAN FOR THE OWNER/DEVELOPER IN ACCORDANCE WITH THE KNOWN REQUIREMENTS AND ORDINANCES. IT IS THE RESPONSIBILITY OF THE OWNER/DEVELOPER TO COMPLY WITH THE EROSION AND SEDIMENTATION CONTROL PLAN AND RELATED AGREEMENTS BY ALL SUBMITTANT/CONSTANTS. THE OWNER/DEVELOPER IS RESPONSIBLE FOR THE ROUTINE INSPECTION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL MEASURES. MCMAHON/ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE ENFORCEMENT OR COMPLIANCE OF THE EROSION AND SEDIMENTATION CONTROL PLAN. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR ANY UNEXPECTED SITUATIONS SPECIFIED IN THIS PLAN, FOR UNFORESEEN OR UNEXPECTED SITUATIONS, WHICH MAY BE REQUIRED BY THE REGULATORY AGENCIES SHALL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER TO IMPLEMENT.

The contractor, subcontractors, their assigns, etc are considered to be skilled and experienced in the use and interpretations of plans and specifications such as those included in the bid documents or herein described for this contract. Said contractor and subsequent sub-contractors, assigns, etc. are to have carefully reviewed said documents and have found them free of ambiguities and are sufficient for bid and construction purposes.

- H. The underground contractor shall deposit and level all sewer spoil onsite as directed by the Engineer or Owner. The Underground Contractor shall return the pavement subgrade to the plus or minus 0.10 elevation as left by the Grading Contractor. The fill shall be compacted to 95% of maximum dry density as determined by ASTM Designation D1557-70. This work shall be considered as incidental to the underground contract.

- O. The Contractor shall provide a temporary installation of electric and water service and toilet facilities as required, if such services are not available on the construction site.
- P. Safety barricades, fences, temporary walks and signals shall be erected in compliance with the local building code and police regulations.

- Q. All materials shall be as shown on drawings or as per specification. Any substitutes shall be permitted only upon receiving written approval from the Owner and/or Engineer. Upon request by the Owner and/or Engineer to furnish samples, the Contractor shall submit the requested samples for approval.

- R. Any discrepancies, conflicts or ambiguities on the drawings shall be brought to the attention of the Engineer. Failure to do so will not relieve the Contractor of bearing additional costs for labor, materials, and installation to complete its work as intended.

- S. All materials and workmanship of each trade shall be guaranteed for a period of 1 (one) year from the time of final acceptance and payment by the Owner.

- T. The Contractor shall be responsible for verifying field measurements and design dimensions before ordering materials and prefabricated items. Any necessary adjustments shall be made in accordance with the decision of the Owner and/or Engineer.

- U. The Contractor shall coordinate the work for all trades and schedule the timing as not to cause delays to any phase of construction due to late scheduling or interconnected work.

- V. After substantial completion of the project, the Contractor shall complete all defects and omissions noted at the final inspection in the time period agreed upon at the inspection.

- W. The Engineer and his consultants do not warrant or guarantee the accuracy and completeness of the work product herein beyond a reasonable diligence. If any mistakes, omissions or discrepancies are found to exist within the work product, the Engineer shall be promptly notified so that he may have the opportunity to take appropriate action necessary to resolve the differences. Failure to promptly notify the Engineer of such conditions shall absolve the Engineer from any responsibility for the consequences of such conditions. Actions taken without the knowledge and consent of the Engineer, or in contradiction to the Engineer's work product or related recommendations, shall become the responsibility not of the Engineer but the parties responsible for taking such action.

- X. The Contractor agrees to indemnify and hold the Owner, Engineer and the Municipality, County or Township where the work is to be performed or constructed harmless from all liability and expenses including the cost of defending actions arising out of the performance of the work undertaken, or out of any claim by any Subcontractor or anyone who furnishes material, equipment or labor in the work of this project.

A. Concrete and its placement shall be in accordance with ACI 318 and ACI 301 except as modified in these specifications. Protect all concrete in accordance with ACI standards for hot, cold weather concreting.

- B. Standard weight concrete shall comply with the following:
 1. Minimum compressive strength (at 28 days): 4,000 psi
 2. Maximum water/cement ratio – .45 air entrained
 3. Aggregate size –
 - Footings 12" thick or greater 1-1/2"
 - All other concrete 3/4"
 4. Total air content –
 - 6% ± 1-1/2% – 3/4" aggregate
 - 5% ± 1-1/2% – 1-1/2" aggregate
 5. Max Slump – 4"
6. Reinforcing Bars: Provide deformed bars complying with ASTM A615 grade 60.
7. Welded wire fabric: ASTM A185. Cold drawn steel plain.
8. No admixtures without approval from Engineer. Admixtures containing chlorides shall not be used.

- C. Concrete coverage for reinforcing (U.N.O.):
- | | |
|--|----------|
| 1. Unformed concrete in contact with earth | = 3" |
| 2. Formed concrete in contact with earth | = 2" |
| 3. Other concrete | = 1-1/2" |

- | | | |
|-----|---|-----------------------------|
| D. | Lap splices shall be the following bar diameters unless noted otherwise on drawings. | Locate |
| | splices at point of minimum stress. Welded splices are not permitted. | |
| D1. | All reinforcement except for that noted in D2. | |
| | Reinforcement | Lap Length in Bar Diameters |
| | #3 - #6 | 38 |
| | #7 - #11 | 48 |
| D2. | Horizontal reinforcement so placed that more than 12 inch of concrete is cast below the reinforcement (i.e. horizontal wall reinforcement and top beam reinforcement) | |
| | Reinforcement | Lap Length in Bar Diameters |
| | #3 - #6 | 50 |
| | #7 - #11 | 62 |
| D3. | Welded wire fabric - mesh space +2" | |

- E. Comply with ACI 301. Position, support, and secure reinforcement against displacement, locate and support with metal chairs, runners, bolsters, spacers, and hangers, as required. Set wire ties so ends are directed into concrete, not toward exposed concrete surfaces.

- F. Re-entrant corners: At all re-entrant corners in slabs, walls and topping, the contractor shall install two (2) #3x3'-0" long, each mat, at 3-inch o.c.

- G. Provide bent corner bars to match and lap horizontal bars at corners and intersections of walls and footing.

- H. Concrete can only be placed on a frost-free subgrade

- J. All cast-in-place concrete shall be protected against rapid drying and must be kept moist for a minimum of (7) days for nominal concrete.

- K. Provide a 3/4"x3/4" chamfer on all exposed corners of concrete.

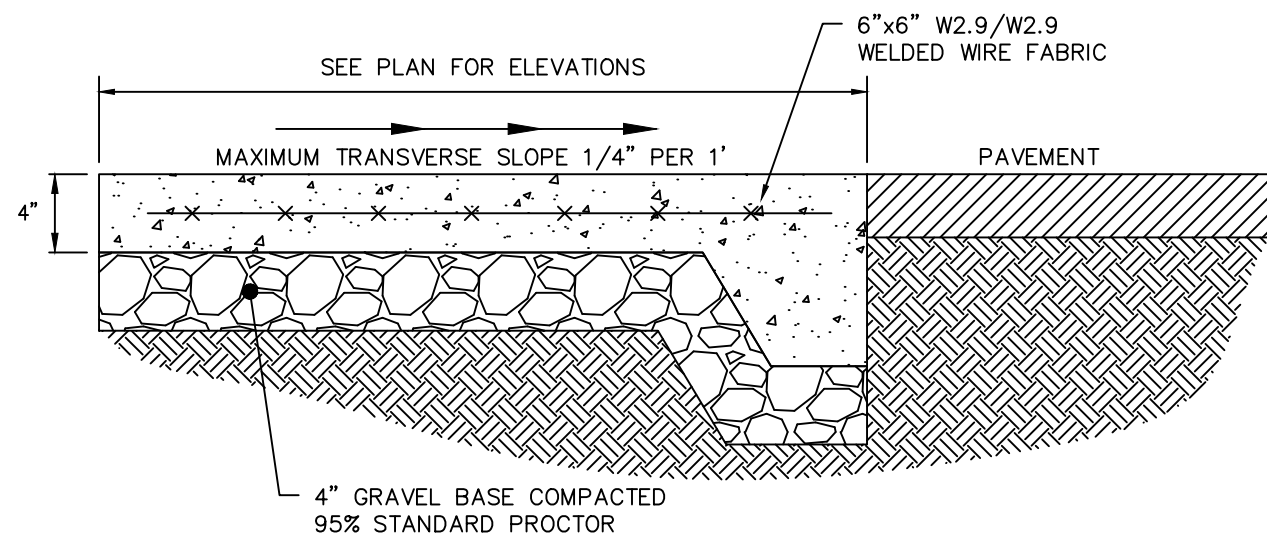
- L. Maximum free drop of all concrete = 2'-0".

- M. Provide dowels of same size and spacing as vertical wall or column reinforcing, with standard hooks, at the foundation (U.N.O.)

- N. Concrete field tests for slump, air content, yield and strength shall be conducted by a certified concrete technician in accordance with ACI 301. Tests shall be submitted to engineer for approval.

Earthwork under this contract shall include the following:

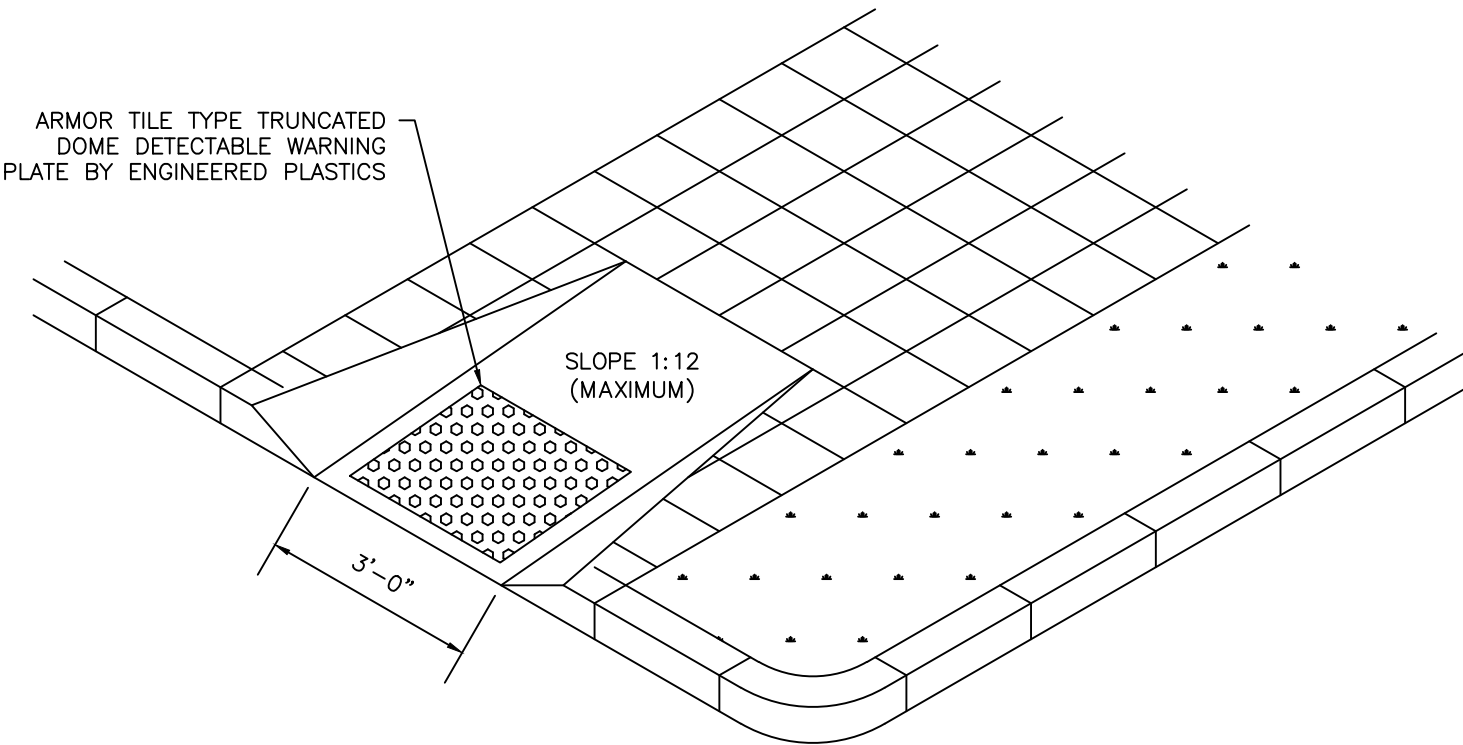
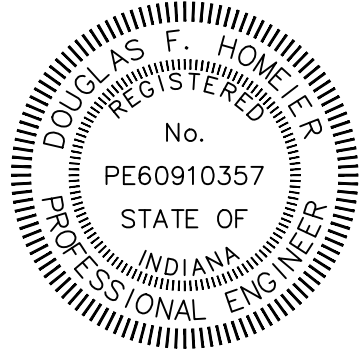
- A. Removal and disposal of trees and other vegetation from the r.o.w.
- B. Stripping of all topsoil. Stockpiling as shown on Erosion Control plan or as directed by owner.
- C. Clay excavation, placement and compaction as necessary to obtain designed subgrade elevations in pavement, sidewalk and detention areas.
- D. Subgrade elevations shall be finished to within 0.1 feet of designed elevations. Fine grading in pavement areas shall be the responsibility of the paving contractor.
- E. Fill materials shall be placed in layers not to exceed eight (8) inches loose measurement. Each layer shall be compacted to at least ninety-five percent (95%) of the maximum dry weight that can be produced under testing procedures as outlined under ASTM designation D1557-70.
- F. The owner shall be responsible for independent testing and inspection of fill operations. Based on these observations and test results, the contractor shall adjust his methods as necessary to achieve the required degree of compaction.
- G. It shall be the grading contractor's responsibility to maintain proper site drainage while the grading operation is in progress. The cost of maintaining said drainage shall be considered as incidental to the grading contract.



Concrete Sidewalk Detail

NOT TO SCALE

Douglas F. Homier



Typical Handicapped Curb Ramp

NOT TO SCALE

McMAHON
ENGINEERS ARCHITECTS
952 South State Road 2
Valparaiso, Indiana 46385
Tel: (219) 462-7743 Fax: (219) 464-8248
mem@mcmggrp-in.com

McMahon Associates, Inc. provides this drawing & data, regardless of form, as instruments of service. All rights including copyrights are retained by McMahon Associates, Inc. The client and/or recipient agrees to the fullest extent permitted by law to indemnify and hold McMahon Associates, Inc. harmless for any reuse of or changes made to the original drawing or data without prior written consent by McMahon Associates, Inc.

[illegible]

550 Superior Avenue, Munster, Indiana 46321
Midwest Central Industruak Park, Unit 1
Proposed Technical Details and Specifications

DESIGNED DFH	DRAWN MNR
PROJECT NO. M0581-05-25-00152.00	
DATE 11/03/2025	
SHEET NO.	

C5.0