SECTION 009111.13 - ADDENDUM NUMBER 3

PARTICULARS

- 1.1 DATE: DECEMBER 17 2024
- 1.2 PROJECT: FULTON CO. PUBLIC LIBRARY: ADDITION, RENOVATIONS & SITE IMPROVEMENTS TO: AUBBEE, FULTON & ROCHESTER LIBRARIES
- 1.3 PROJECT NUMBER: 24029
- 1.4 OWNER: FULTON COUNTY PUBLIC LIBRARY, 320 W. 7TH STREET, ROCHESTER, IN 46975
- 1.5 ARCHITECT: ODLE MCGUIRE SHOOK MATTHEW R. MAYOL #IN19900090



TO: PROSPECTIVE BIDDERS:

- 2.1 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED NOVEMBER 15, 2024, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.
- 2.2 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.
- 2.3 THIS ADDENDUM CONSISTS OF 12 PAGES AND THE FOLLOWING DRAWINGS:
 - A. AUBBEE BRANCH: C2.0, C3.1, C7.0 AND C7.1
 - B. FULTON BRANCH: C1.0, C7.0, C7.1 AND L100
 - C. ROCHESTER LIBRARY: C0.0, C1.0, C2.0, C3.0, C3.1, C7.0, DA102, A102, A103, A105, A401, A202. A203. A501.

2.4 GENERAL:

- A. Bidder questions are as follows:
 - 1. Q: From reviewing the bid documents, it doesn't appear that this is a prevailing wage project? Please confrim if it is or is not?
 - a. A: It is not a prevailing wage project. To the best of theArchitect's knowledge Indiana does not have a previlaing wage law. To the best of the Architect's knowledge this project does not include any federal funding.
 - 2. Q: (Aubbee) Can we use perforated ADS N-12 in lieu of the perforated CMP that is called out on plan sheet C3.1?

- A: After reviewing the drainage and specifications for ADS N-12, and it's application in this project's use, the engineer agrees that N-12 can be substituted for CMP.
- 3. Q: (Fulton) Can we get some clarification as to what concrete sidewalk we're to remove on the northside of the existing building? Looking at the google earth images it appears there is concrete sidewalk all along the north side of the building. Are we to remove all of it or only where the call out numbers are?
 - a. A: Please see the revised sheet C1.0 with callouts specifically addressing that section of abandoned sidewalk, as well as the callout to specify the location of the existing landscape bed that needs to be removed.
- 4. Q: (Aubbee) General Note #25 calls for a unit price for structure repair but this is not indicated on the bid form. Please clarify if this is required.
 - a. A: This would be more in reference to the subsurface downspout runs. As the only structure that's existing on-site is noted to be removed, then it would mainly be a matter of any repairs and reconnection to the proposed system.
- 5. Q: (Aubbee) Note #5 calls for existing structure to be removed and all connections to be routed to new storm sewer. Is the new storm sewer referencing the French Drain? No new structures are identified outside of the French drain.
 - a. A: The Pavedrain system is the proposed storm system therfore any piping that's found should be directed to the perforated CMP infiltration system. The Engineer does not know if/where the current subsurface downspouts are currently routed. Additionally, an inspection structure was added to the revised plan set at the 90° elbow.
- 6. Q: (Aubbee) C3.1 Can a specification be provided for the "Pavedrain" unit?
 - a. A: Please see the provided specifications for the "Pavedrain" system (Section 32 14 13 19) in this Addendum.
- 7. Q: (Aubbee) The site plan shows excavation of the existing gravel parking lot to provide for six inches of curb height and then install asphalt. Demolition keynote #1 specifies removal and disposal of existing stone. Is the existing grade just getting cut down to install asphalt or does an entirely new base need to be installed before asphalt.
 - A: Per Detail #4 "Light-Duty Pavement Section" on sheet C7.0 the required depth and material type specified is what is required for the installation of the asphalt parking lot.
- 8. Q: (Aubbee) Storm drainage plan shows width and LF specifications but no pipe inverts or specified depths for installation of trench drain. Would you please provide inverts and depths of excavation for storm piping?
 - a. A: Please see the revised sheet C3.1.
- 9. Q: (Aubbee) There is not a detail included in the drawings for the barrier curb called out on C2.0. Please provide this detail.

- a. A: Please see the revised sheet C7.0.
- 10. Q: (Fulton) Demo site plan keynotes do not specify removing the existing asphalt parking lot, but demolition limits show these areas shaded for demo. Is the asphalt being milled or removed completely? Does a new base need to be bid for the entire parking lot or are we just cutting down the existing grade to install new asphalt?
 - a. A: Per Detail "Asphalt Parking Lot Pavement Section" on sheet C7.0 the required depth and material type specified is what is required for the installation of the asphalt parking lot.
- 11. Q: (Fulton) The site plan shows the installation of 6"SD on the backside of the building running underneath the existing HVAC pad. Are we expected to tunnel under the existing pad or route piping around?
 - a. A: If there is adequate spacing between the HVAC units and the foundation, then tunneling should not be necessary. However, if not then either by tunneling, or temporary removal and reinstallation for installation of the proposed subsurface downspout collection system.
- 12. Q: (Fulton) The site plan shows two runs of SD pipe on Liberty Ave. What is the purpose, place, and slope direction of the 6" dual-walled SD pipe?
 - a. A: Per callouts there is only one run of SSD within Liberty Ave; the other is a 12" RCP pipe. The 6" SSD is there per INDOT standards for subsurface drainage under gutter lines. It is placed directly under the proposed concrete gutter and is sloped at 1% with the outfall to the proposed storm structure. Please see revised sheet C7.1 for a repathed detail.
- 13. Q: (Fulton) Will an INDOT ROW permit be required for the utility work on Liberty Ave/State Route 25?
 - a. A: Yes, an INDOT ROW permit will be required.
- 14. Q: (Fulton) Are the existing parking lot bumpers included in the demo scope or are they being saved for reuse?
 - a. A: Two of the best existing examples will need to be held back and reinstalled in the handicap stalls – otherwise, the rest of the parking bumpers are the be removed and disposed of legally offsite.
- 15. Q: I'm looking for clarification in regards to the condition of existing drywall after wallpaper is removed. It's hard to know what condition they will be in and how much drywall work if any will be required to get them ready to paint. Is this idea related to the unit pricing for providing a level 5 drywall finish on walls where wall coverings are removed?
 - a. A: Correct. We anticipate that the traditional porous wallpaper will remove relative quickly and easily without damaging the drywall surface but if a change event is required to skim coat the drywall after wall covering removal then we can use the

- established Unit Pricing for Level 5 finish to prep existing drywall surfaces for new paint.
- 16. Q: Doors A119A, B101B, B107B, B108B, B110C, and B115D are listed as Type E all glass yet are drawn as a style and rail type door on the elevations. Which is the correct door type?
 - a. A: A119A, B101B, B107B, B108B, B110C, B115D to be TYPE E; Reference revised INTERIOR ELEVATIONS Drawings A202, A203 in this Addedum.
- 17. Q: Door B110E seems to be missing from the door schedule.
 - A: Door B110E has been added to the Door Schedule, refer to Draiwng A501 in this Addednum.
- 18. Q: Opening B108 is shown on the Door Schedule as a Pair of Doors. The Floor Plan shows it to be a Single Door. Please clarify.
 - a. A: B108 is a single door. Refer to Drawing A501 in this Addendum.
- 19. Q: Exterior Doors assigned to Set 6 are all Single Doors. Hardware Set 6 is written for Pair of Doors. Please clarify.
 - A: Hardware set 6 has been updated for a single door. Refer to Drawing A501 in this Addendum.

CHANGES TO PRIOR ADDENDA:

- 3.1 CHANGES TO ADDENDUM NUMBER 2 ISSUED DECEMBER 16, 2024.
 - A. 4.3 SECTION 102239-FOLDING PANEL PARTITIONS
 - 1. Revise to read as follows: 1.Corflex Series 5900 Electrified Paired Panel Partition System with fixed top and bottom sweep.

CHANGES TO THE PROJECT MANUAL - SPECIFICATIONS:

4.1 SECTION 075423-ADHERED TPO MEMBRANE ROOFING

A. 3.2, Add Thermoplastic Polyvinylcholride as an acceptable roofing membrane. SIKAPLAN FASTENED ENERGYSMART ROOF MEMBRANE 60 mil. FELTBACK, Sika Sarnafil, Pete Baker, 630-947-3427, baker.pete@us.sika.com.

4.2 SECTION 321413-PERMEABLE INTERLOCKING CONCRETE UNIT PAVEMENT

A. Add Section in it's entirety.

CHANGES TO DRAWINGS:

- 5.1 AUBBEE: BRANCH DRAWINGS C2.0, C3.1, C7.0 AND C7.1
 - A. Refer to Revison Triangles.

5.2 FULTON BRANCH DRAWINGS C1.0, C7.0, C7.1 AND L100

- A. On L100 Refer to Revsion Triangles:
 - Add Landscape Note 8 regarding limits of mulch on southwest side of building per attached Drawing L100
 - 2. Revise limits of landscape mulch on southwest side of building per attached Drawing L100

- B. On A101 Delete the roof system specifications in thier entirety and refer to the Specifications 075423. The basis of design is adhered 60 Mil TPO System, Underlayment: .5" Gypsum Board, Insulation ¼" Tapered System Poly-Iso with an Average R-20 Thermal resistance and a ¼" cover board.
- 5.3 ROCHESTER LIBRARY: DRAWINGS C1.0, C2.0, C3.0 C3.1, C7.0, DA102, A102, A103, A105, A203 A401 AND A501.
 - A. Refer to Revision Triangles.
 - 1. DA102 Remove plan note 4 in rooms XA116, XA117, XA118, XA119, & XA120
 - 2. A102 revise plan note 19 to plan note 21, to read "NEW ELECTRICALLY OPERATED FOLDING PANEL PARTITION"
 - 3. A103, A203 Revise plan note 8 to read "THREE (3) WALL-MOUNTED ACOUSTICAL PANELS, BASIS OF DESIGN KIREI 'DUNE' PANELS, COLOR TO BE SELECTED BY ARCHITECT. ARRANGE ON WALLS INDICATED SIMILAR TO DETAIL 7/A203"
 - 4. A105 Delete plan note 5.
 - 5. A401 Revise detail 2 to include note reading "CONTRACTOR'S OPTION TO PROVIDE A POURED CONCRETE STRIP FOOTER TO SUPPORT THE NEW MASONRY VENEER. ASSUME APPROXIMATELY 16 INCHES WIDE WITH A DEPTH DOWN TO THE TOP OF EXST. FOOTER."

END OF SECTION

SECTION 321413 - PERMEABLE INTERLOCKING CONCRETE UNIT PAVEMENT PERMEABLE INTERLOCKING CONCRETE UNIT PAVEMENT

SECTION 32 14 13 19 PERMEABLE INTERLOCKING CONCRETE UNIT PAVEMENT PART 1 GENERAL

3.1 REFERENCE STANDARDS

- A. ASTM C618 Standard Specification for Coal Ash and Raw or Calcined Natural Pozzolan for Use in Concrete; 2023, with Editorial Revision.
- B. ASTM D448 Standard Classification for Sizes of Aggregate for Road and Bridge Construction; 2012 (Reapproved 2022).
- C. ASTM D1557 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft3 (2,700 kN-m/m3)); 2012 (Reapproved 2021).
- D. ASTM D6684 Standard Specification for Materials and Manufacture of Articulating Concrete Block (ACB) Systems; 2018.

3.2 SUMMARY

- A. Section Includes:
 - 1. Permeable Articulating Concrete Block (P-ACB)
 - 2. Open-Graded Aggregate Sub-Base
 - 3. Transition and Edge Restraints
 - 4. Geosynthetics
- B. Related Sections:
 - Section 31 22 00 Grading
 - 2. Section 31 23 00 Excavation and Fill
 - 3. Section 31 32 00 Soil Stabilization
 - 4. Section 31 34 00 Soil Reinforcement

3.3 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - ASTM C33 Standard Specification for Concrete Aggregates
 - 2. ASTM D75 Standard Practice for Sampling Aggregates
 - 3. ASTM C136 Standard Test Method for Sieve Analysis for Fine and Coarse Aggregate
 - 4. ASTM C140 Methods of Sampling and Testing Concrete Masonry and Related Units
 - 5. ASTM C150 Standard Specification for Portland Cement
 - ASTM D448 Standard Classification for Sizes of Aggregate for Road and Bridge Construction
 - 7. ASTM C618 Standard Specification for Coal Fly Ash for Use in Concrete
 - ASTM D1557 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort

- ASTM C1781 Standard Test Method for Surface Infiltration Rate of Permeable Unit Pavement System
 - a. ASTM D6684 Standard Specification for Materials and Manufacture of Articulating Concrete Block (ACB)
- B. American Association of State Highway and Transportation Office (AASHTO)
 - 1. H-20, HS-20, HS-25 Highway Truck Load Rating
- C. PaveDrain Installation Manual
- D. PaveDrain Maintenance Manual

3.4 SCOPE OF WORK

- A. The Contractor shall furnish all labor, materials, equipment, and incidentals required per Manufacturers' Installation Manual.
- B. The Contractor shall perform all operations in connection with the installation of the P-ACB's in accordance with the aggregates, grades, design and dimensions shown on the Contract Documents, manufacturers' installation manual and specified herein.

3.5 SUBMITTALS

- A. Refer to Section 01 33 00 Submittal Procedures
- B. Shop Drawings: Submit design details, unit details, cross-sections and layouts as per Contract Documents to Engineer of Record (EOR).
- C. Samples:
 - 1. Natural Gray: Submit one (1) full-sized P-ACB sample.
 - 2. Color: Submit 4" x 4" samples representative of color(s) selected within this specification or noted on Contract Documents
 - 3. Minimum 3 lb. samples of proposed subbase &/or base aggregate materials.
- D. Geosynthetic: Submit product data sheet(s) and test reports for geosynthetic(s) proposed for use by EOR within this specification or on Contract Documents.
- E. Not applicable for hand-placed installations and should be omitted. Submit to the EOR manufacturers' printed installation manual, literature, layout drawings, and product specifications.
- F. Certification of Compliance
 - Test Reports Indicate compliance with requirements of Contract Documents including:
 - a. P-ACB unit compressive strength, moisture content and density on like units, tested in accordance to ASTM C140 by independent laboratory per unit requirements of ASTM D6684, Table 1.
 - b. Sieve analysis of all aggregate grades indicated in Contract Documents, sampled according to ASTM D75 and tested in accordance to ASTM C136.
 - c. Specified standard sizes of coarse aggregates shall comply with sizes given in accordance to ASTM D448, Table 1.

- 2. Performance Compliance Indicate compliance with requirements of Contract Documents including:
 - a. Infiltration Performance Submit independent laboratory test report indicating inplace infiltration performance of: Average of three (3) tests of one thousand (1,000) inches per hour (in/hr.). Test shall be performed in accordance with ASTM C1781 or C1701 and based on an outdoor working surface with typical base material and installation.
 - b. Structural Performance Design of the P-ACB shall be capable of supporting AASHTO H-20, HS-20 and HS-25 truck loading with proper subgrade and base installation. The P-ACB's shall be analyzed as unreinforced concrete arches supporting a uniform truck tire load with impact per AASHTO standards as tested by an independent laboratory.
 - c. Maintainability Provide maintenance study based on at least 24 months by an independent or third-party representative which includes pre and post infiltration testing documentation in multiple locations in accordance with ASTM C1781 or C1701. The study shall show that after manufacturers' recommended maintenance that the original infiltration performance of the permeable system can effectively be restored to 80% +/- 10% of initial infiltration rates.

G. Substitutions

- No material shall be considered as an equivalent to the P-ACB specified herein unless it meets all areas of this specification without exception.
- Manufacturer's requesting to submit materials as equivalent must provide records, data, independent laboratory test results, samples, certifications, and documentation meeting all areas of this specification without exception. Any request must be submitted to EOR 15 days prior to bid date.

3.6 SCHEDULING

- A. Contractor shall contact P-ACB manufacturer to determine necessary lead time to produce unit material order.
- B. Schedule manufacture and delivery of P-ACB's to coincide with construction schedule to prevent storage for extended periods.
- C. Approximately two (2) weeks prior to the start of the installation, a preconstruction meeting shall occur with representative(s) from the design team, general contractor, site contractor, installation contractor and manufacturers' representative.
 - 1. DELIVERY, STORAGE AND HANDLING
- D. P-ACB individual blocks must be delivered on wooden pallets and marked accordingly.
- E. All P-ACB's shall be sound and free of defects that would interfere with proper placement or that would impair the strength of longevity of the installation.

F. Minor cracks incidental to the usual method of manufacture; scuffing or chipping that results from customary methods of handling in shipping, delivery and placement shall not be deemed grounds for rejection.

PART 2 PRODUCTS

4.1 MANUFACTURED PERMEABLE ARTICULATING CONCRETE BLOCK (P-ACB)

- A. PaveDrain® P-ACB
 - 1. Color(s):
 - Type: Closed-cell pre-manufactured individual concrete blocks with an arched storage chamber for additional stormwater runoff capacities as per shop drawings &/or Contract Documents. Blocks may be hand-placed or mechanically installed.
 - 3. Not applicable for hand-placed installations and should be omitted. Physical and Performance Requirements: At the time of delivery to the work site, the units shall conform to the requirements prescribed in Table 1 below.

TABLE 1: PHYSICAL & PERFORMANCE CHARACTERISTICS

ITEM	DESCRIPTION	VALUES
DIMENSIONAL TOLERANCE	LENGTH X WIDTH X HEIGHT ASTM D6684 SECTION 5.3.2	12" X 12" X 5.65" (+/- 1/8")
COMPRESSIVE STRENGTH	ASTM D6684 / ASTM C140	AVG. OF THREE UNITS: 4,000 PSI (27579.04 KPA) MIN. INDIVIDUAL UNITS: 3,500 PSI (24131.66 KPA) MIN.
BLOCK UNIT WEIGHT		ARCHED BLOCK: 45-50 LBS/SF SOLID BLOCK: 55-60 LBS/SF
LOADING CAPABILITIES	TRUCK LOAD TRAFFIC RATING	AASHTO H-20,HS-20, HS-25
JOINT FILLER BETWEEN BLOCKS	MATERIAL USED	NONE REQUIRED
PERCENT OPEN SPACE		SURFACE: 7% STORAGE: 20%
WATER ABSORPTION (MAX. %)	ASTM D6684 TABLE 1/ ASTM C140	AVG. OF THREE UNITS: 9.1% LB/FT3 INDIVIDUAL UNITS: 11.7% LB/FT3
DENSITY (MIN. LB/FT3)		AVG. OF THREE UNITS: 130 LB/FT3 INDIVIDUAL UNITS: 125 LB/FT3
POST-INSTALLATION, VERIFIED SURFACE INFILTRATION RATES	ASTM C1781 TEST METHOD	AVG. OF THREE TESTS: 1,000 INCH (25400 MM)/HR MIN.

- A. Acceptable manufacturers and distribution partners:
 - 1. National PaveDrain, LLC. (888) 575-5339, info@pavedrain.com
 - a. www.pavedrain.com
 - 2. Ernest Maier Company (202) 510-5545, afisher@emcoblock.com
 - a. www.ernestmaier.com
 - 3. Kevcon (412) 445-4509, anneduggan@kevconinc.com
 - a. www.Kevconinc.com

5.2 AGGREGATE MATERIALS

- A. Open-Graded Coarse Aggregate: Select coarse aggregate shall be clean material free from organic materials and angular on all sides. Select coarse aggregate shall meet the gradations that are listed in Table 1 of ASTM D448 and based on sieve analysis in accordance to ASTM C136. Recycled aggregate material is NOT allowed within the top 4-6" elevation directly contacting the bottom of the PaveDrain units.
 - 1. Base Course Aggregate: ASTM Grade #57 stone shall be used as the finish (top) 4-6" layer of stone directly underneath the PaveDrain units.
 - a. TRANSITION AND EDGE RETRAINTS
- B. Transition: Utilize PaveDrain end block, solid block and half block shapes to make smooth transitions with curbs and other rigid surfaces as per shop drawings &/or Contract Documents.
- C. Edge Restraint: Type and dimensions shall be indicated by EOR as per shop drawings &/or Contract Documents.

5.3 GEOSYNTHETIC MATERIALS

- A. Geotextile: Mirafi RS380i (or approved equal), a high strength, high water flow, woven monofilament or multifilament geotextile as specified by EOR based on native soil properties.
- B. Geogrid: Tensar BX-1100 (or approved equal) as specified by EOR based on native soil properties. Requirement of geogrid separator to be determined by the engineer of record

PART 3 EXECUTION

6.1 EXAMINATION AND INSPECTION

- A. The contractor shall verify that the subgrade has been excavated, shaped, stabilized and compacted in accordance with Sections 31 22 00, 31 23 00, 31 32 00 & 31 34 00 and conforms to the lines, grades and cross-sections shown on Contract Documents.
- B. Verify that native subgrade has been compacted to a maximum of 95% Modified Proctor in accordance with ASTM D 1557. Do not over-compact or rut native subgrade. Over-compaction of the native soil subgrade could reduce the infiltration rate of the native soil and must be minimized

C. Immediately prior to placing the PaveDrain units, the final prepared sub-base aggregate shall be inspected by the EOR and witness to a proof roll test by a fully loaded dump truck. Unsatisfactory conditions must be corrected prior to installation of the PaveDrain units.

6.2 GEOSYNTHETIC INSTALLATION

- A. Geogrid: Install Tensar BX-1100 (or approved equal) directly on top of properly prepared and leveled final aggregate base. Requirement of geogrid separator to be determined by the engineer of record
 - 1. AGGREGATE SUBBASE INSTALLATION
- B. The thickness of the sub-base, requirement of multiple gradations of open-graded coarse aggregate and intermediate geosynthetic shall be indicated by the EOR and detailed on the Contract Documents. The minimum thickness of open-graded coarse aggregate is six (6) inches. If more than six (6) inches of base aggregate is required, only the top four to six (4-6) inches shall be ASTM Grade #57.
- C. All base aggregates shall be compacted in six to eight (6-8") inch lifts will a roller compactor and final grade level compacted with a minimum 10,000 lb. vibratory plate compactor in with at least two passes in both the perpendicular and parallel directions. Open-graded base aggregate installation shall not damage or dislodge the geotextile.
 - When using multiple aggregate layers including ASTM #2, #3 or #4, the contractor shall compact a 2" layer of ASTM #57 into the ASTM #2, #3 or #4.
- D. Finished grade shall be a smooth, plane surface with no sign of movement and conform to the lines, grades and cross-sections shown on Contract Documents.
 - 1. PAVEDRAIN PERMEABLE ARTICULATING CONCRETE BLOCK INSTALLATION
- E. Refer to: PaveDrain Installation Manual (latest edition)
- F. HAND OR MECHANICAL PLACING PAVEDRAIN UNITS
 - The contractor shall determine the best starting point of the PaveDrain unit installation to conform to the lines, grades and elevations shown on the Contract Documents.
 - Place PaveDrain units tight together in running bond pattern such that one unit is directly
 in contact with one half of the two adjacent units. Place units in such a manner as to
 ensure that the pattern remains square to curbs, transitions or adjacent pavements.
 - Verify that each PaveDrain unit makes contact with the geogrid or open-graded aggregate sub-base and is tightly engaged with adjacent units.
 - 4. When necessary, make partial units from saw cutting solid, arch-less PaveDrain units. Transitions against curbs and other rigid pavements should be made with maximum one-half (1/2) inch gaps utilizing solid, end and half PaveDrain units.

G. ADJUSTMENTS

 Minor adjustments to properly engage PaveDrain units shall be made with a dead blow hammer or rubber mallet.

- Once all PaveDrain units have been installed, minor differential heights between units can
 be corrected with a small non-vibratory single- or double-barrel roller compactor or
 vibratory plate compactor. When using plate compactor, protect units with nonwoven
 geotextile or mat to eliminate scuffing.
- 3. Inspect completed installation and replace any cracked or damaged units.

6.3 TOLERANCES

- A. No individual PaveDrain unit shall protrude more than one-quarter (1/4) inch within the plane of final placed units/mats.
- B. No gap between the individual PaveDrain units shall exceed one-half (1/2) inch.
 - 1. FINISHING
- C. The joints between the PaveDrain units DO NOT require backfilling with smaller aggregate joint material or sand in order to function properly. The joints are designed to be left open; this includes following maintenance of the PaveDrain system.

6.4 3.7 POST INSTALLATION CERTIFICATION

- A. Upon completion of the PaveDrain installation, the surface infiltration rate of the permeable pavement area shall be verified in accordance with ASTM C1781 or C1701 to confirm the required infiltration rate as per Table 1 inch (25.4 mm) this specification.
- B. If the system fails to perform as required in Table 1 of this specification, it shall be removed and replaced at the supplier's expense.
- C. The expenses associated with this post installation infiltration verification are included in the cost of the permeable system and provided by the supplier.

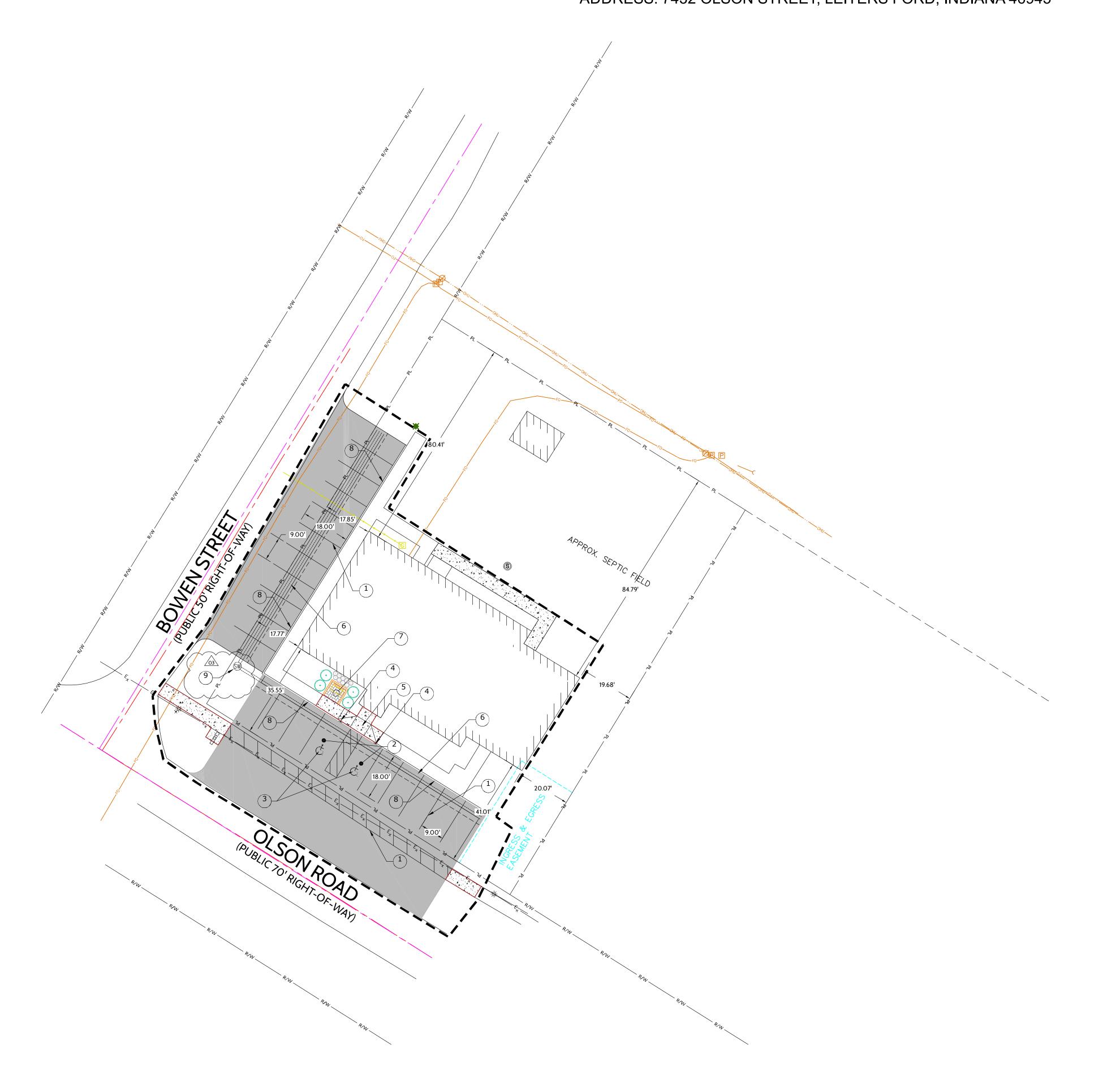
6.5 3.8 INSPECTION AND MAINTENANCE OF P-ACB SYSTEM

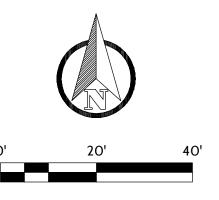
- A. Refer to: PaveDrain Maintenance Manual (latest edition)
- B. The manufacturer's representative of the P-ACB shall provide a minimum 36-month maintenance program; including a visual inspection report with photos and a recommended cleaning schedule with a vacuum truck such as the Elgin® Whirlwind® or Megawind® or with the PaveDrain® Vac Head and associated combination sanitation vac truck. Refer to the PaveDrain Vac Head Instruction Manual (latest edition).
- C. Maintenance shall be required when either of the following two conditions are met:
 - The surface infiltration rates of more than 75% of the total permeable surface falls below 10% of the rate required in Table 1.
 - 2. Surface ponding remains for 24 hours in an area greater than 10 sq feet (0.01076 sq cm) of the permeable surface.

END OF SECTION

BUILDING RENOVATIONS & SITE IMPROVEMENTS 2024- AUBBEE PUBLIC LIBRARY

PART OF NE QUARTER OF THE SE QUARTER SECTION 23, TOWNSHIP 31 NORTH, RANGE 1 EAST AUBBEENAUBBEE TOWNSHIP, FULTON COUNTY, INDIANA ADDRESS: 7432 OLSON STREET, LEITERS FORD, INDIANA 46945





PROPOSED FEATURES LEGEND

- - - - - - - - = CONSTRUCTION LIMITS



= CONCRETE SIDEWALK (SEE DETAIL 7; SHEET C7.0) 4" 4000 PSI CONCRETE W/ 6X6 WWM FABRIC 6" COMPACTED AGGREGATE



= PROPOSED ASPHALT PAVING (SEE DETAIL 6; SHEET C7.0)



= COURT YARD LANDSCAPING AREA (SEE LANDSCAPE PLANS)

GENERAL SITE PLAN NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
- 2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
- 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.
- 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS. FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- 5. EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 6. ALL RADII AND STREET DIMENSIONS SHALL BE MEASURED TO BACK OF CURB OR FACE OF INTEGRAL CURB AND WALK. ALL DIMENSIONS TO THE BUILDING ARE TO THE OUTSIDE OF BUILDING FOUNDATION WALL.
- 7. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.
- 8. SEE ARCHITECTURAL PLANS FOR DETAILS OF BUILDINGS AND BUILDING
- 9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO
- APPLICABLE LOCAL STANDARDS.

 10. ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY
- 11. CONTACT ENGINEER IF ADDITIONAL DIMENSIONS ARE NEEDED FOR
- 12. FOR ADDITIONAL INFORMATION REGARDING LANDSCAPING, PLEASE REFER TO THE LANDSCAPING PLAN.

PROPOSED KEYNOTE LEGEND

- 1 4", WHITE, PARKING STRIPE (SEE DETAIL 01; SHEET C7.0)
- 2 ADA HANDICAP PARKING SPACE (SEE DETAIL 02 SHEET C7.0)

CONSTRUCTION.

- 3 ADA HANDICAP PARKING SYMBOL (SEE DETAIL 03 SHEET C7.0
- ADA HANDICAP ACCESS SIGN (SEE DETAIL 04 SHEET C7.0)
- 5 ADA HANDICAP ACCESS RAMP (SEE DETAILS, SHEET C7.1)
- 6 PERMEABLE BRICK PAVER INSTALLATION (SEE DETAIL, SHEET C3.1)
- 7 LANDSCAPE BRICK PAVER INSTALLATION (SEE LANDSCAPE PLAN FOR DETAILS)
- 8 6" CONCRETE BARRIER CURB (SEE DETAIL 05; SHEET C7.0)
- 9 STORM BASIN INSPECTION STRUCTURE (SEE SHEET C3.1 FOR DETAILS)





024 AUBEE PUBL RARY

MAIN STREET

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Project number: 24029

Date: 11/15/2024

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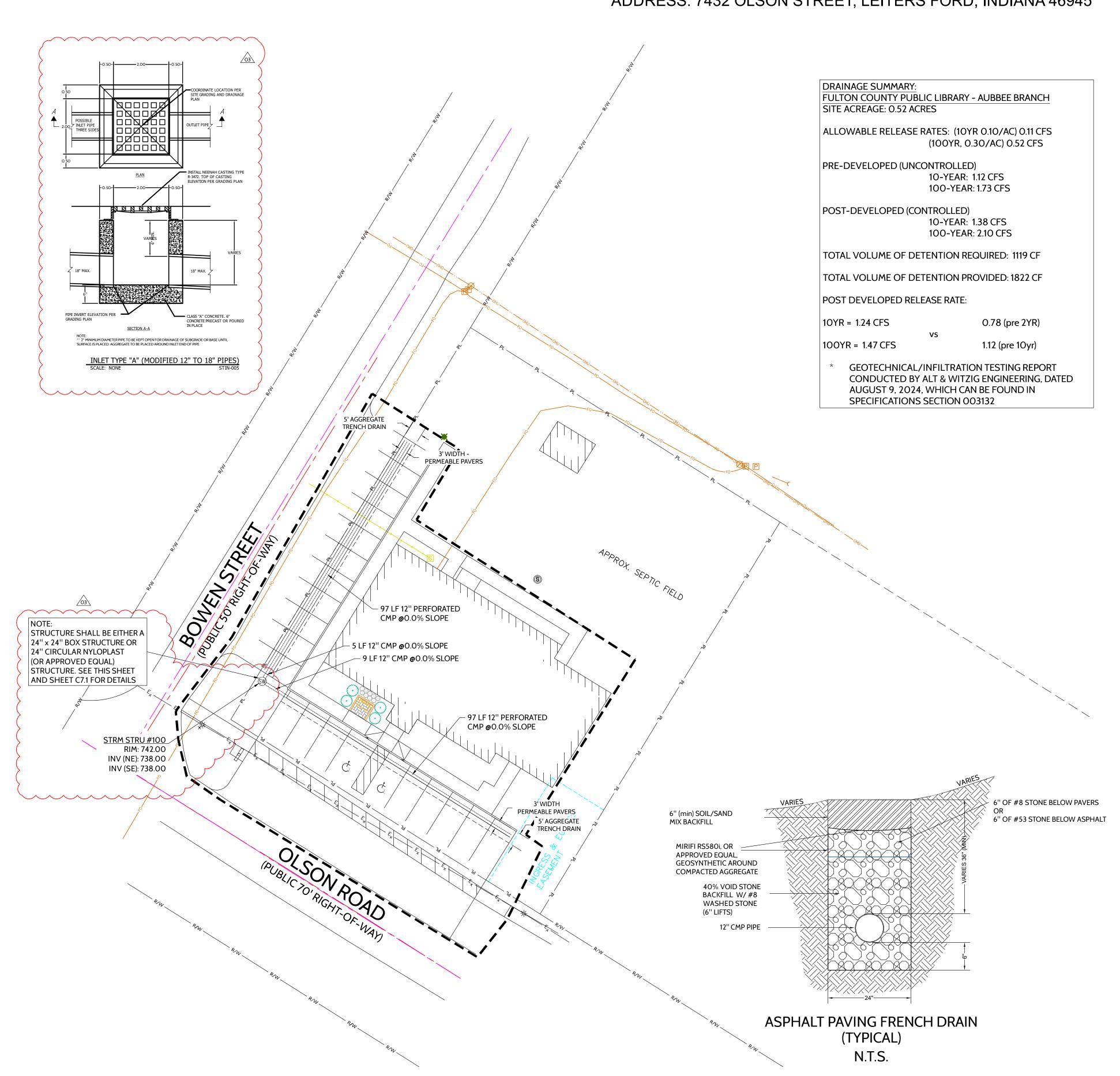
C2.0
PROPOSED SITE

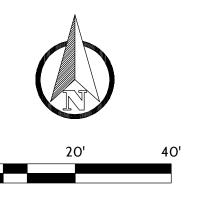
DEVELOPMENT PLAN

ELW

BUILDING RENOVATIONS & SITE IMPROVEMENTS 2024- AUBBEE PUBLIC LIBRARY

PART OF NE QUARTER OF THE SE QUARTER SECTION 23, TOWNSHIP 31 NORTH, RANGE 1 EAST AUBBEENAUBBEE TOWNSHIP, FULTON COUNTY, INDIANA ADDRESS: 7432 OLSON STREET, LEITERS FORD, INDIANA 46945





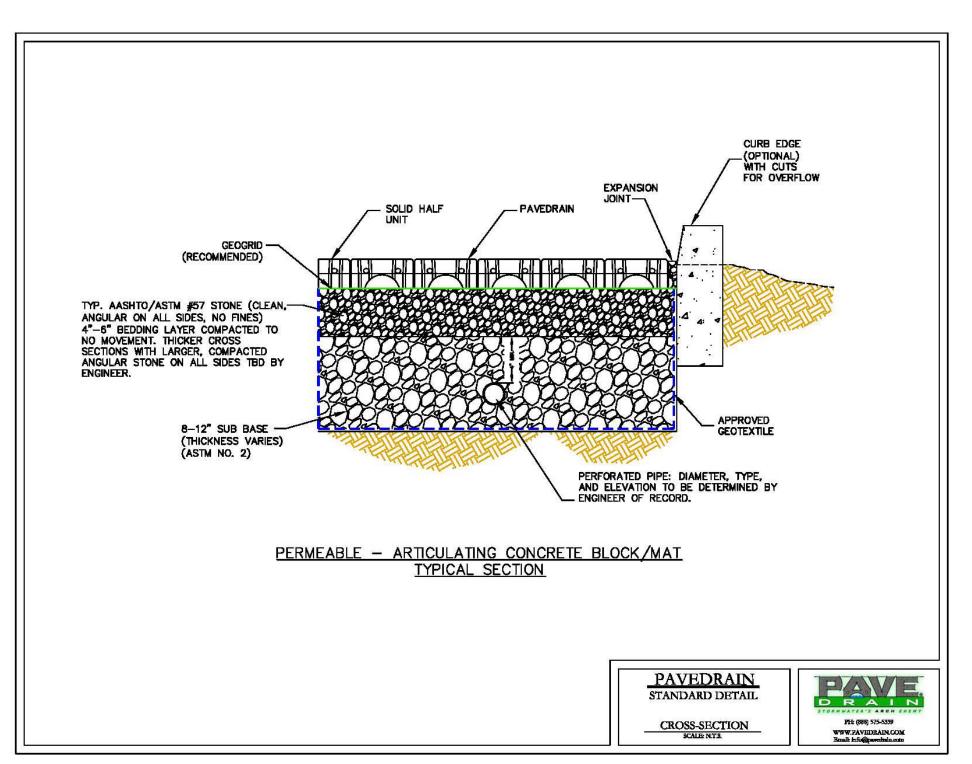
GRADING LEGEND

= CONSTRUCTION LIMITS

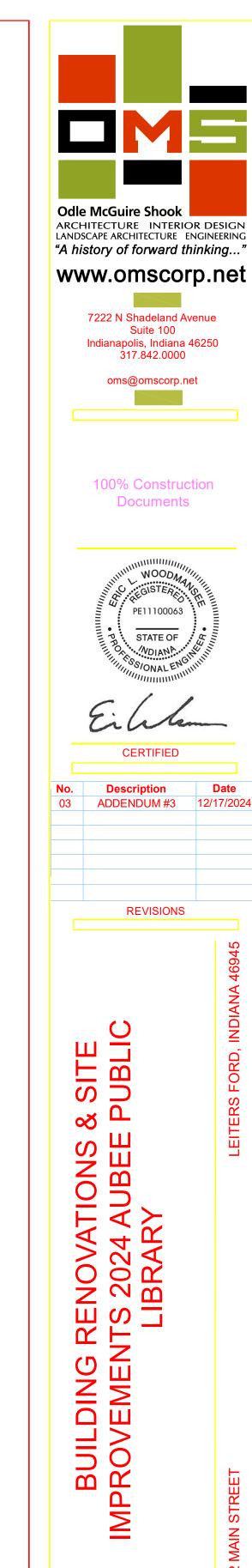
GENERAL PLAN NOTES:

- 1. ALL ELEVATIONS AT CONSTRUCTION LIMITS SHALL MATCH EXISTING GRADE.
- 2. TOPSOIL SHALL BE PLACED IN ALL LANDSCAPE AND YARD AREAS. TOPSOIL SHALL BE SPREAD TO A MINIMUM DEPTH OF 6 INCHES UNLESS NOTED OTHERWISE.
- 3. MAINTAIN SITE DRAINAGE AT ALL TIMES DURING EARTHWORK OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE
- FACILITIES IF NECESSARY THROUGHOUT CONSTRUCTION.

 4. CONTOURS SHOW GRADING INTENT. THE CONTRACTOR MUST USE PROPOSED SPOT GRADE ELEVATIONS TO BUILD SITE. CONTACT ENGINEER IF ADDITIONAL
- 5. PAVEMENT AREAS SHALL BE CONSTRUCTED OF SUITABLE FILL MATERIAL AND COMPACTED PER SPECIFICATIONS. FILL AREAS FOR PAVEMENTS ARE TO BE STRIPPED OF ALL TOPSOIL PRIOR TO PLACEMENT OF FILL.
- 6. ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR
- 7. SEE UTILITY PLAN SHEETS FOR STORM SEWER INVERT AND RIM ELEVATIONS.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THAT STAKED GRADES MATCH DESIGN ELEVATIONS AND POSITIVE DRAINAGE TO STORMWATER MANAGEMENT SYSTEM IS ACHIEVED. CONTACT ENGINEER IF DESIGN ELEVATIONS DO NOT PROVIDE POSITIVE DRAINAGE.







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PROPOSED DRAINAGE

11/15/2024

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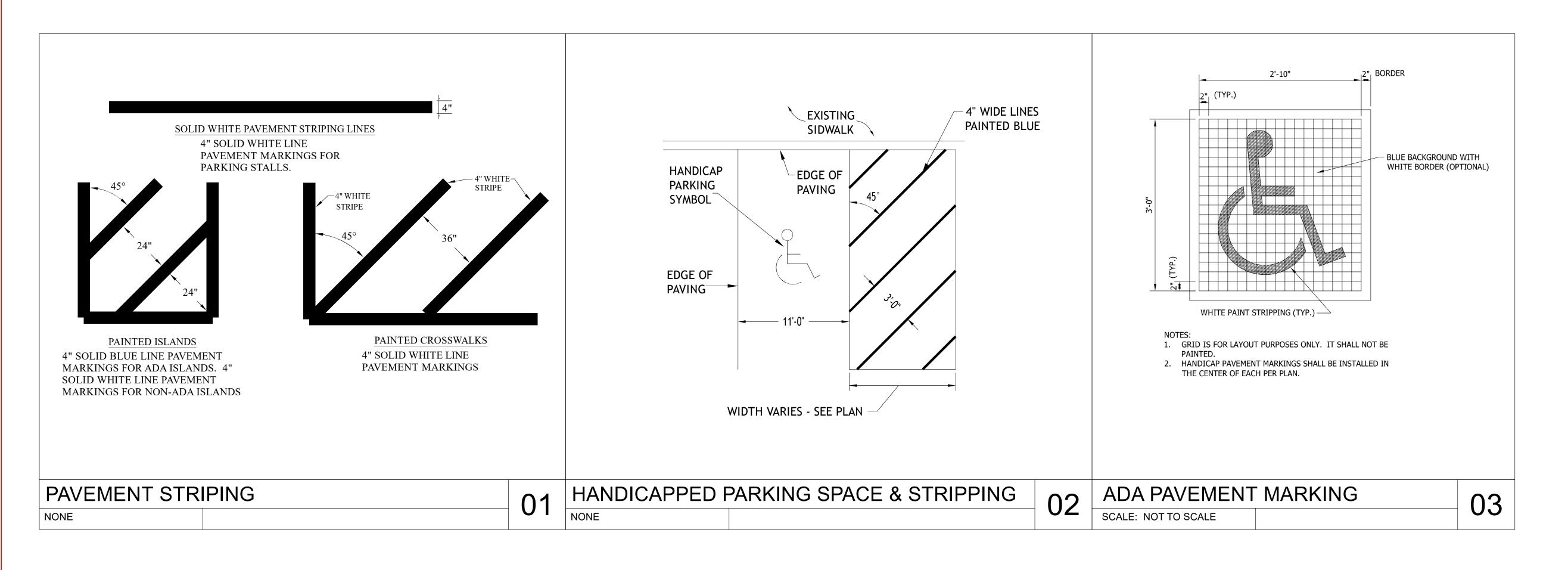
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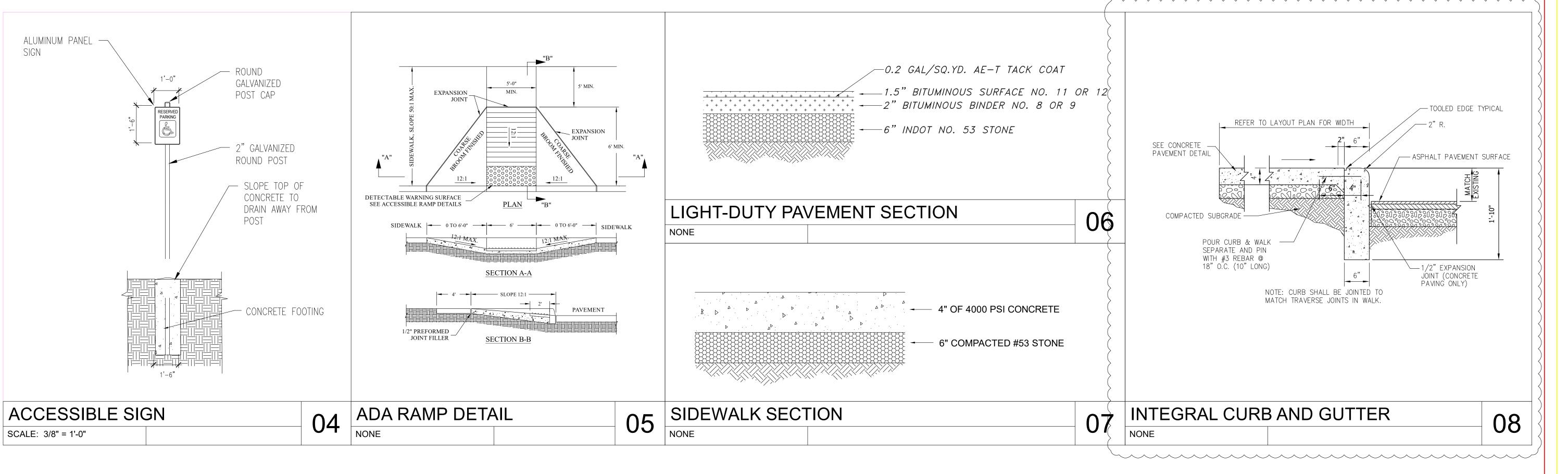
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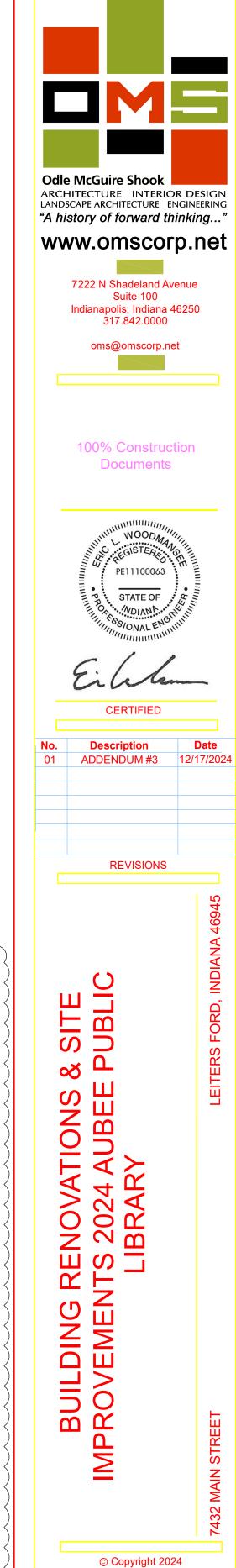
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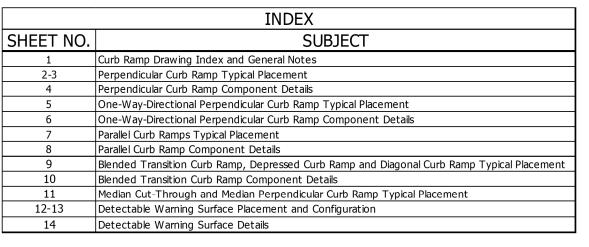
CONSTRUCTION DETAILS

24029

AGH

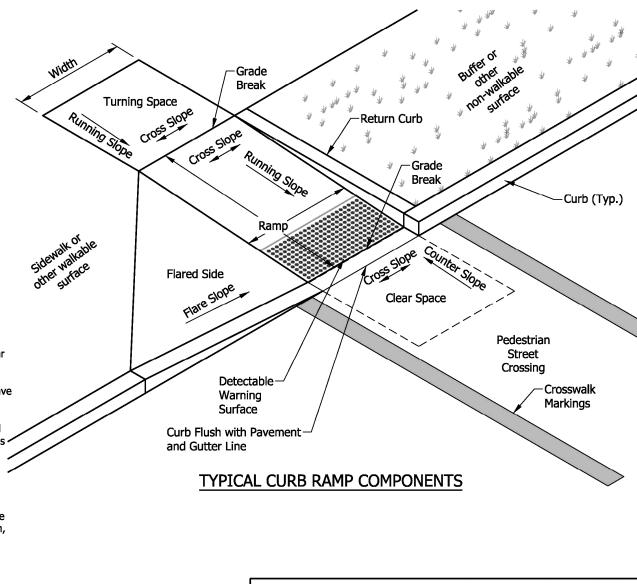
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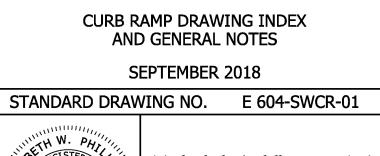
11/15/2024



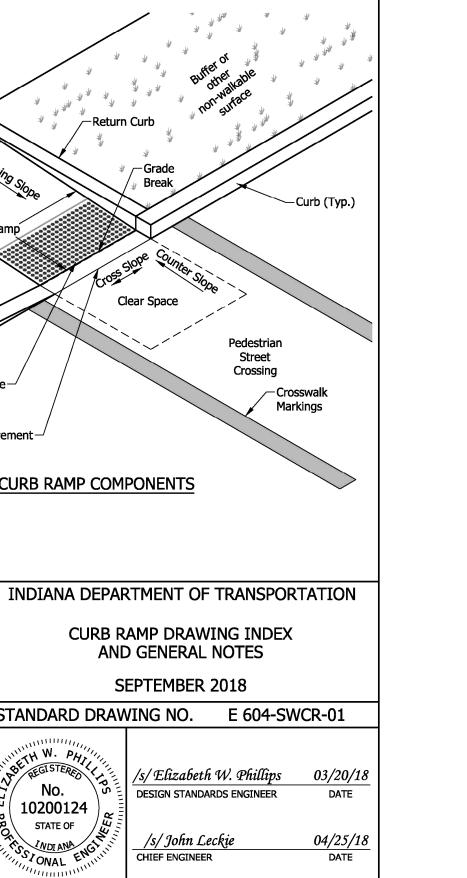
GENERAL NOTES:

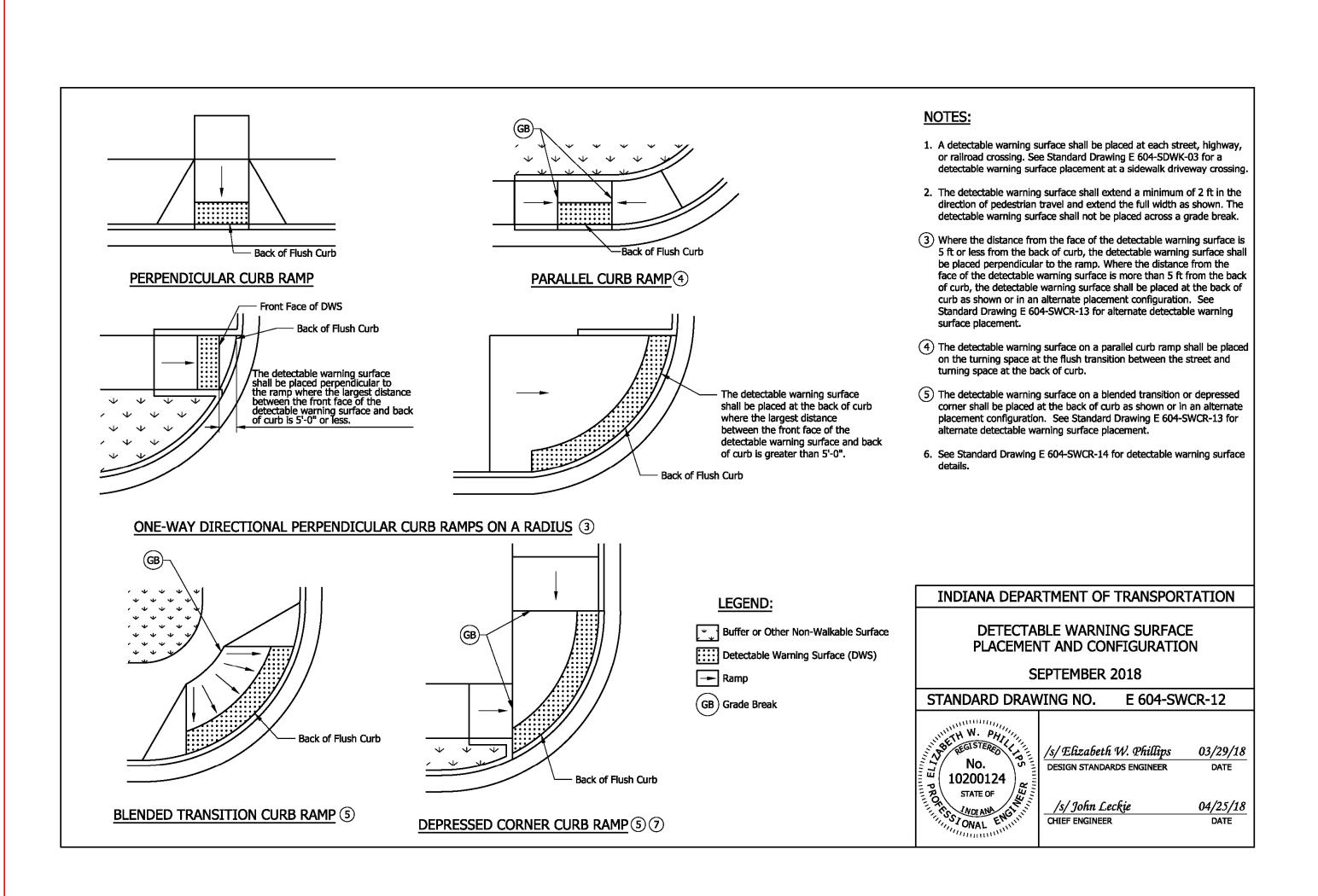
- 1. All slopes are absolute rather than relative to the sidewalk or roadway grade. Slopes at least 0.50% less than the maximum are preferred.
- 2. Ramp or Blended Transition. A ramp or blended transition shall be used to lower or raise the sidewalk to connect with the street or highway.
- 3. Turning Space. A turning space shall be provided at the top of a perpendicular ramp, bottom of a parallel ramp, or where the pedestrian travel requires a change in direction. A common turning space may be shared by adjacent ramps. The turning space shall have a minimum clear dimension of 4 ft x 4 ft. Where the turning space is constrained at the back of the sidewalk by a curb, retaining wall, building, or feature over 2 inches in height, the minimum clear dimension shall be 4 ft x 5 ft, with the 5-ft dimension in the direction of the ramp running slope.
- 4. Flared Side. A flared side shall be used adjacent to a walkable surface. A flared side may be used adjacent to a non-walkable surface. A flared side shall have a maximum slope of 10.00% measured parallel to the back of the curb.
- 5. Return Curb. A return curb is placed perpendicular to the roadway curb. A return curb may be used adjacent to a non-walkable surface. A return curb shall not be used adjacent to a walkable surface. The return curb may be omitted where the non-walkable surface is flared and the curb adjacent the roadway is tapered to meet the flush curb at the bottom of the ramp.
- 6. Clear Space. A clear space shall be provided beyond the bottom grade break of a curb ramp wholly contained within the crosswalk and wholly outside the parallel vehicular travel path. The clear space shall have a minimum clear dimension of 4 ft x 4 ft.
- 7. Detectable Warning Surface. A detectable warning surface shall consist of truncated domes and be placed at each street, highway, or railroad crossing. The detectable warning surface shall extend a minimum of 2 ft in the direction of pedestrian travel and be placed the entire width of a ramp, blended transition,
- 8. Running Slope. The running slope of a ramp, blended transition, or turning space shall be measured parallel to the direction of pedestrian travel. a. A running slope of 2.00% or less is considered level.
- b. A ramp shall have a maximum running slope of 8.33% but shall not require a ramp length to exceed 15 ft.
- c. A blended transition shall have a maximum running slope of 5.00%. d. A turning space shall have a maximum running slope of 2.00%.
- 9. Width. Unless otherwise noted, minimum width of a ramp, blended transition, or turning space, excluding flared sides or return curb, shall be 4 ft.
- 10. Grade Break. A grade break at the top and bottom of a ramp, blended transition, or turning space shall be perpendicular to the running slope. Grade breaks shall not be within the ramp, blended transition, turning space, or detectable warning surface. Grade breaks shall be flush. Vertical discontinuities shall not be greater than 1/2 in. Where a discontinuity is greater than 1/4 in. the surface shall be beveled with a slope not steeper than 1V:2H.
- 11. Cross Slope Exceptions. The cross slope of a ramp, blended transition, or turning space shall be measured perpendicular to the direction of pedestrian travel. a. The maximum cross slope at a pedestrian street crossing without posted yield or stop control shall be 5.00%. b. The maximum cross slope at a pedestrian street crossing with posted yield or stop control shall be 2.00%.
- c. The maximum cross slope at a midblock crossing shall be the established grade of the adjacent roadway.
- 12. Counter Slope. A counter slope is the cross slope of the gutter or street adjacent the running slope of the ramp, blended transition, or turning space. See Standard Drawing E 604-SWCR-14 for counter slope details.
- 13. Objects such as a utility cover, vault frame, and grating shall be placed outside the curb ramp.
- 14. Curb ramps shall be placed within the marked crosswalk area.
- 15. Drainage inlets should be located uphill from a curb ramp to prevent ponding in the path of pedestrian travel.

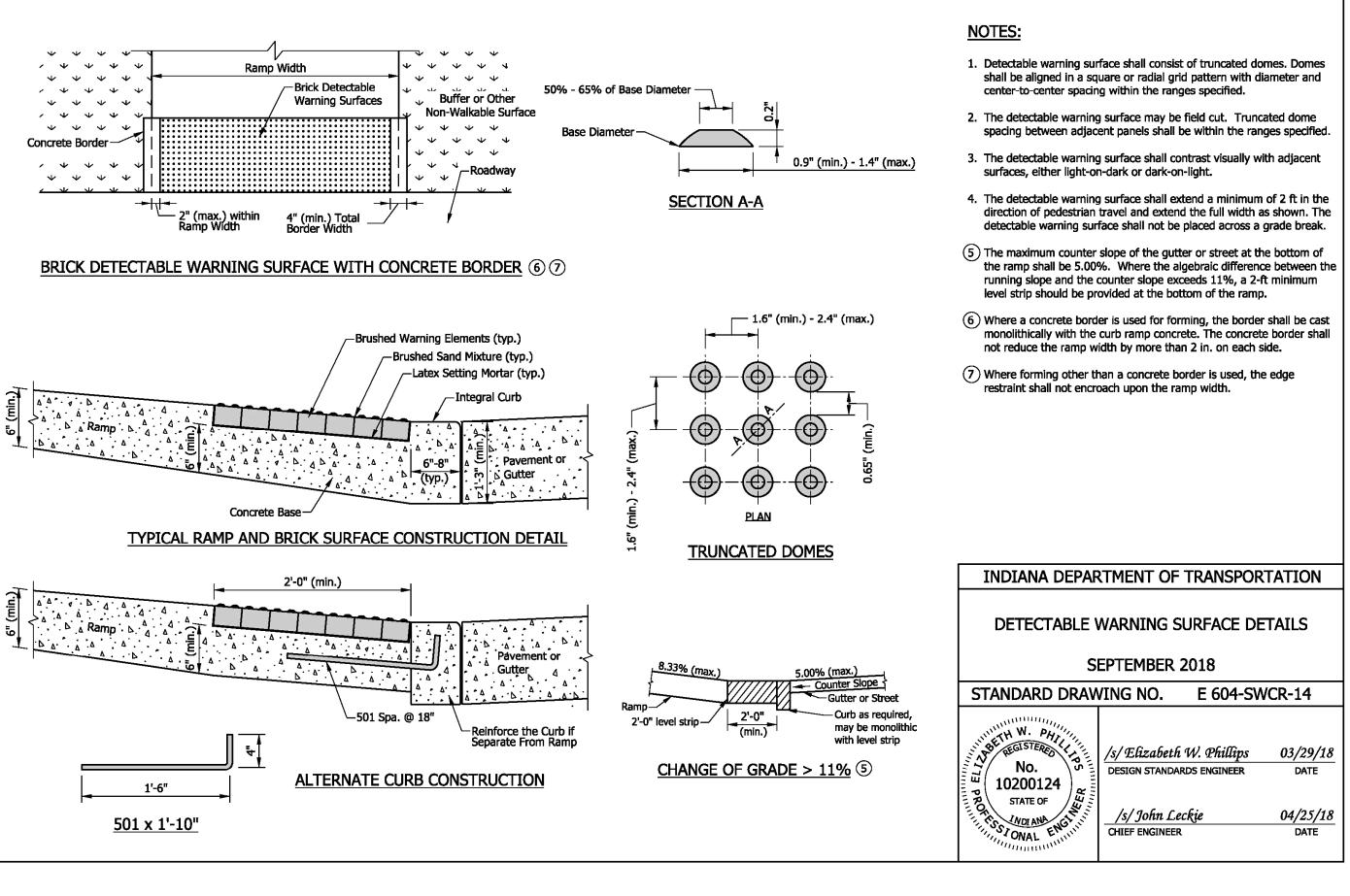


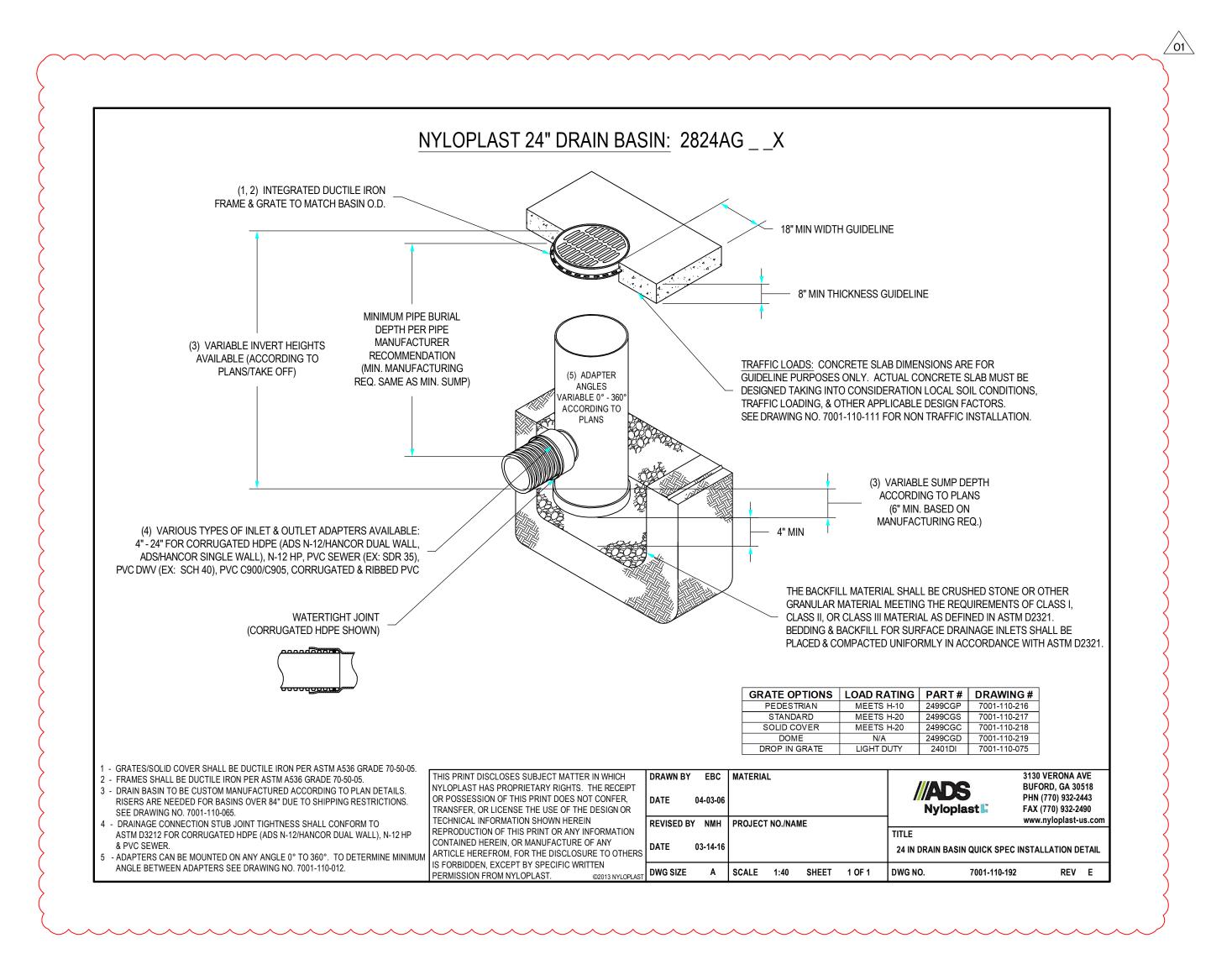


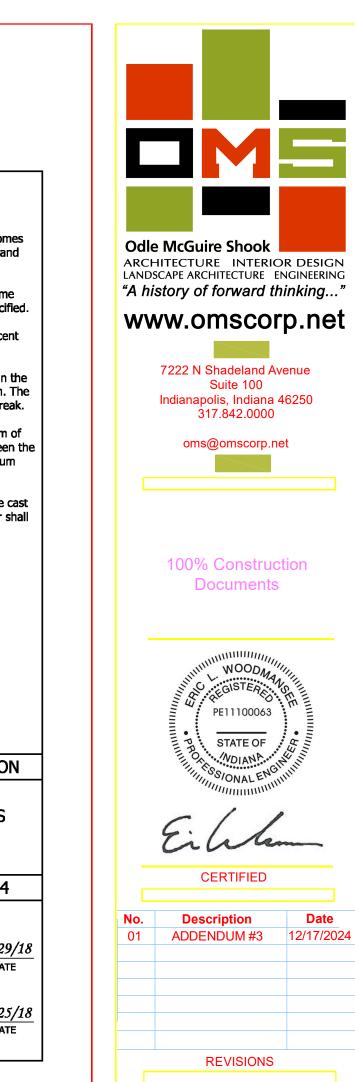
DE PEGISTERED	/s/Elizabeth W. Phillips	03/20/18
10200124	DESIGN STANDARDS ENGINEER	DATE
TO INDIANA CHE	/s/ John Leckie	04/25/18
STATE OF WOTANA ENCHANCE	CHIEF ENGINEER	DATE











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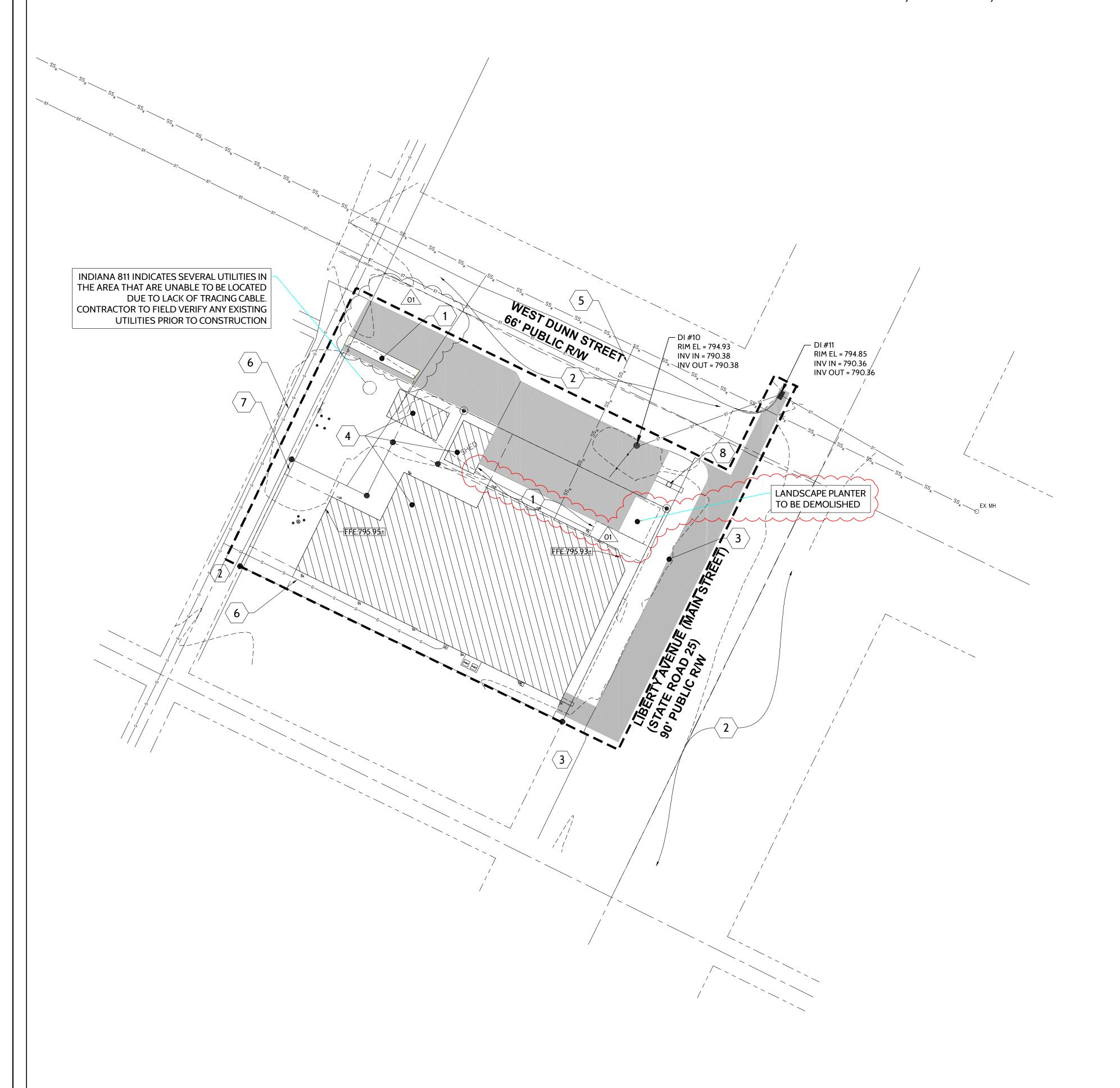
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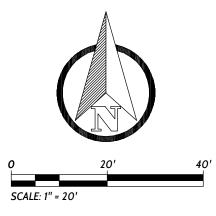
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CONSTRUCTION DETAILS

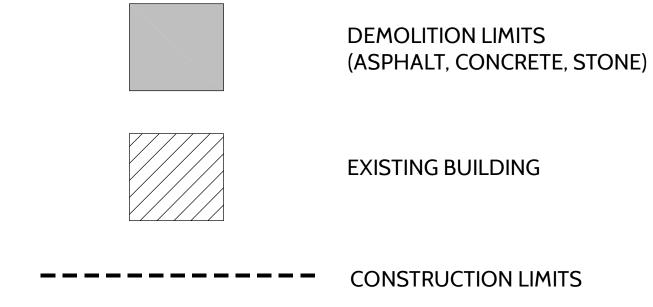
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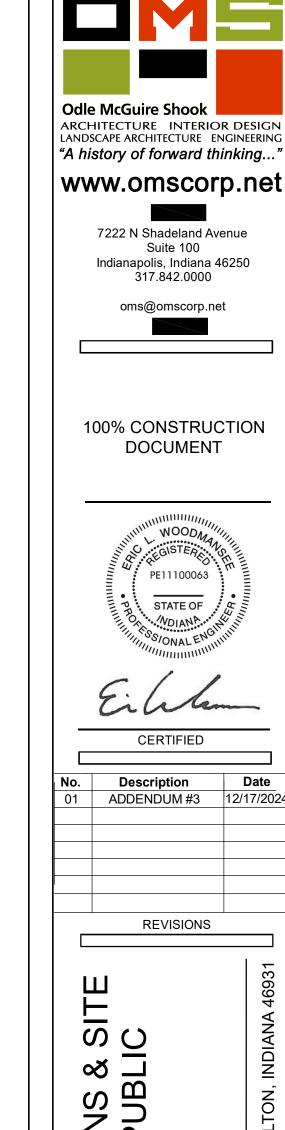


DEMOLITION LEGEND



DEMOLITION KEYNOTES LEGEND

- 1 REMOVE EXISTING CONCRETE AND DISPOSE OF LEGALLY OFF-SITE.
- PROTECT EXISTING ASPHALT PAVING DURING ALL PHASES OF CONSTRUCTION
- PROTECT EXISTING CONCRETE PAVING AND/OR CURB DURING ALL PHASES OF CONSTRUCTION.
- PROTECT EXISTING BUILDING DURING ALL PHASES OF CONSTRUCTION. (SEE ARCHITECTURAL PLANS FOR DEMOLITION FOR ADDITION AND RENOVATION).
- PROTECT EXISTING SANITARY SEWER, CLEANOUT, AND PIPE DURING ALL PHASES OF CONSTRUCTION.
- 6 PROTECT EXISTING GAS LINES AND METER FROM ALL PHASES OF CONSTRUCTION.
- PROTECT EXISTING UNDERGROUND/OVERHEAD ELECTRICAL CONDUITS AND POLES (POWER OR LIGHT) FROM ALL PHASES OF CONSTRUCTION.
- PROTECT EXISTING SIGN FROM ALL PHASES OF CONSTRUCTION.



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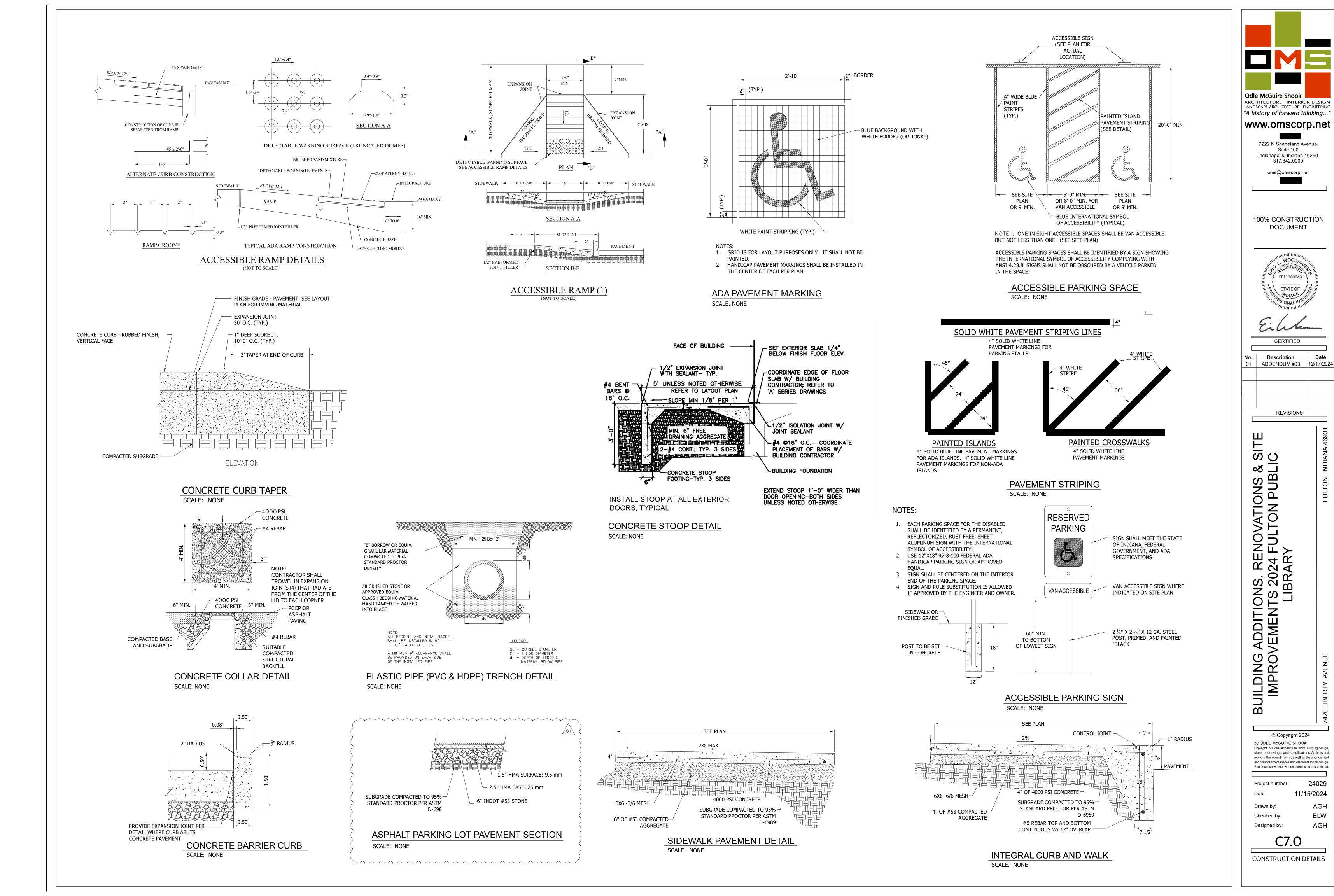
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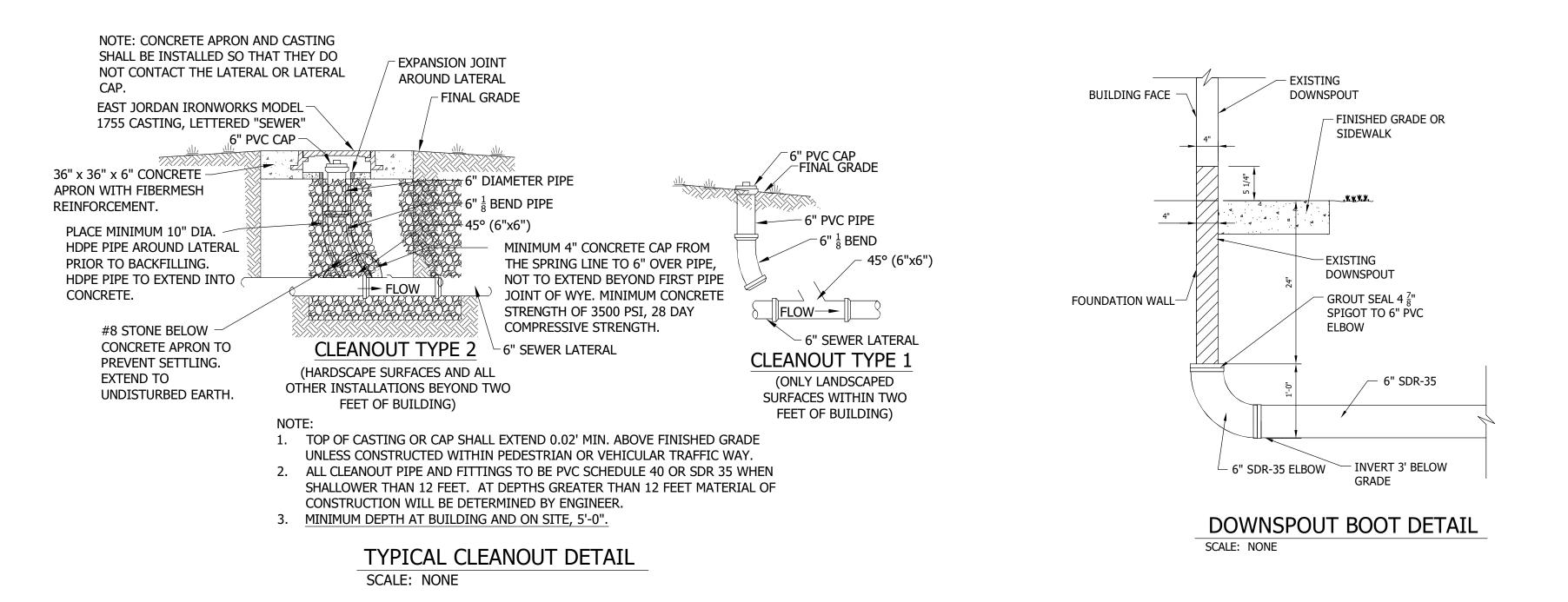
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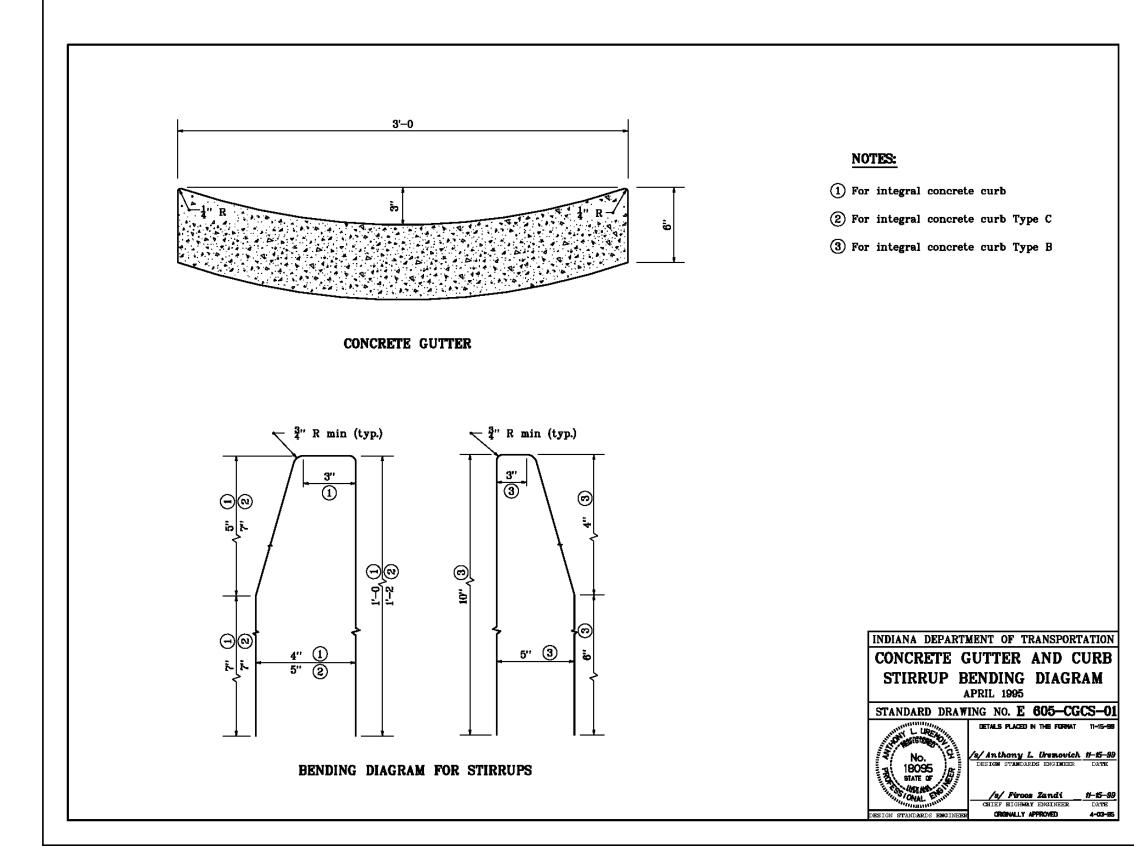
EXISTING CONDITIONS AND DEMOLITION PLAN

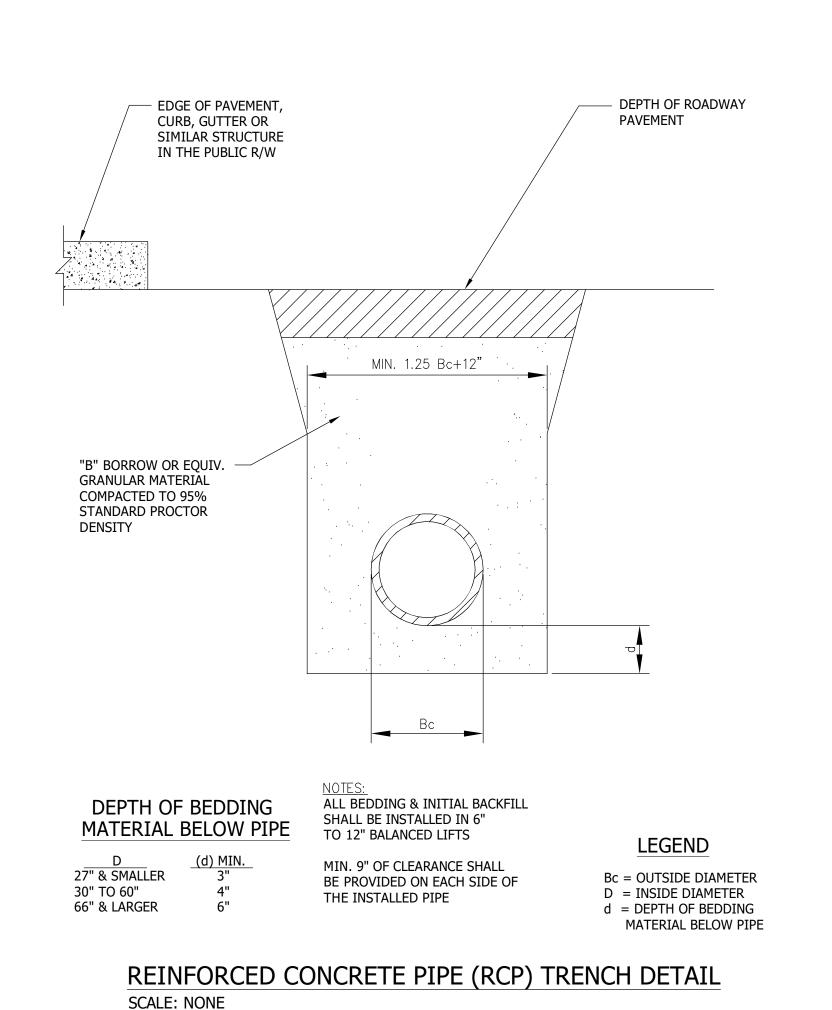
Know what's below.

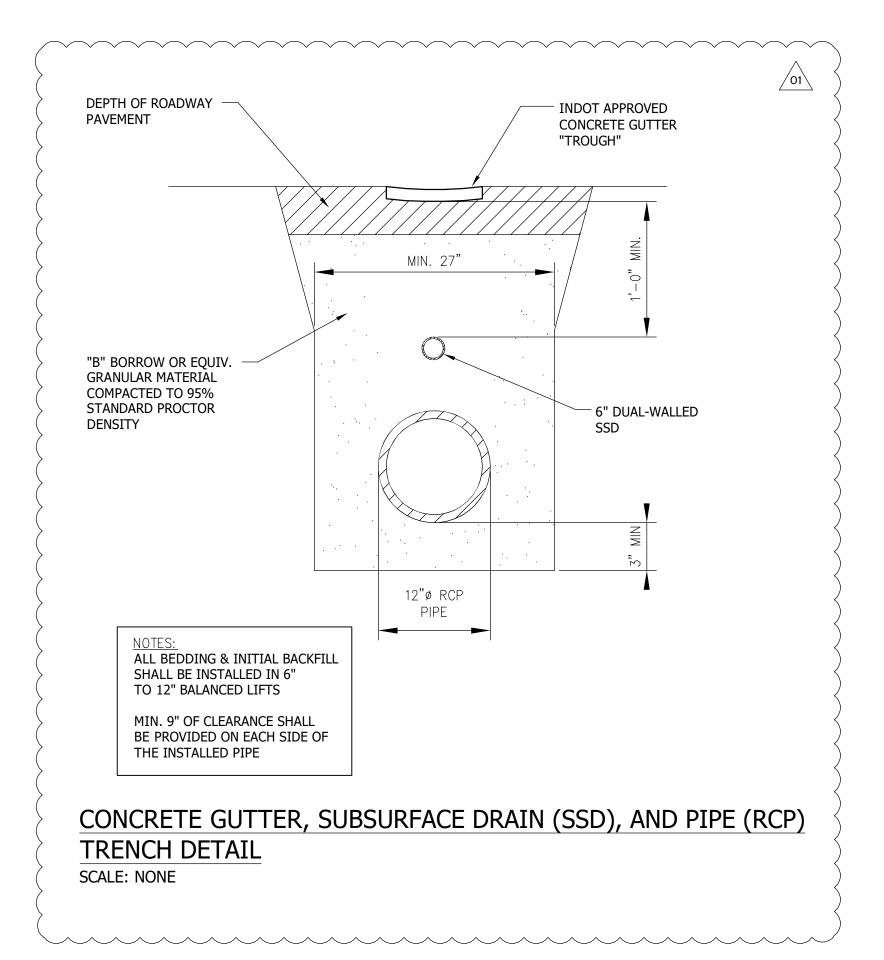
Call before you dig.

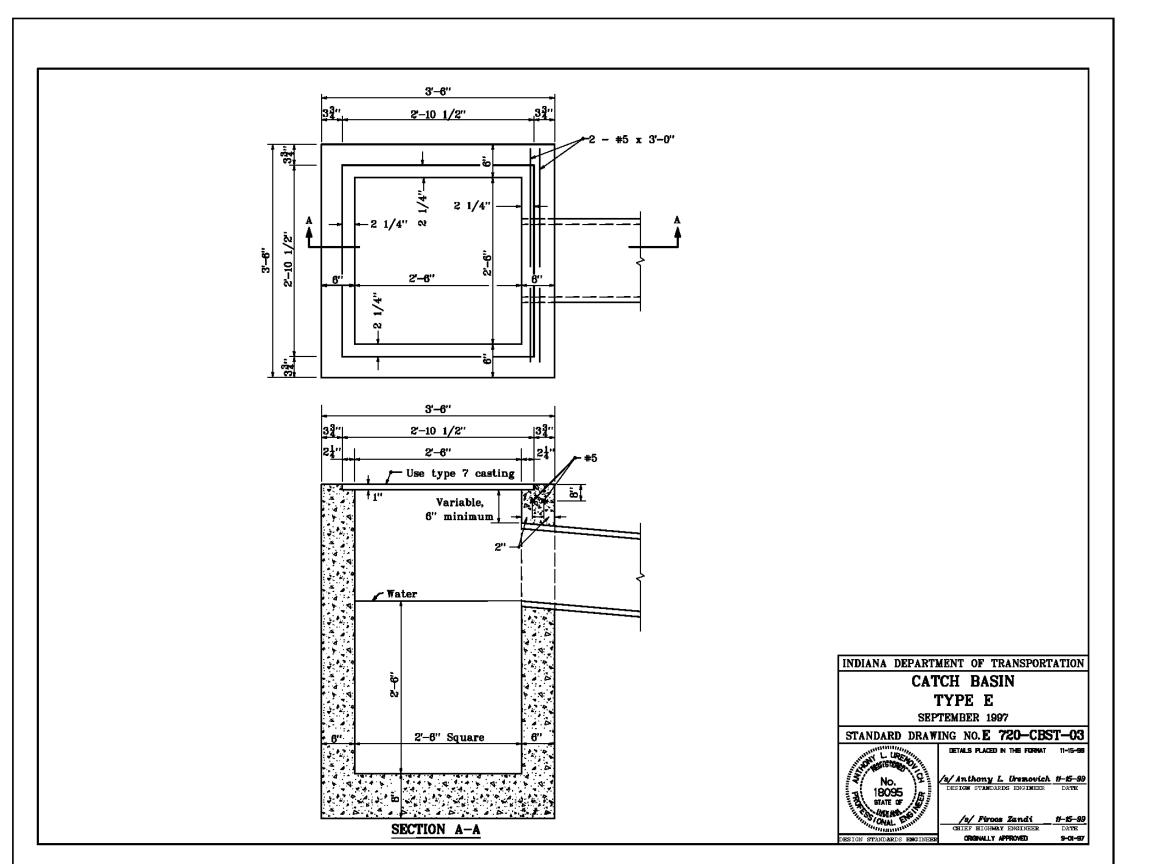


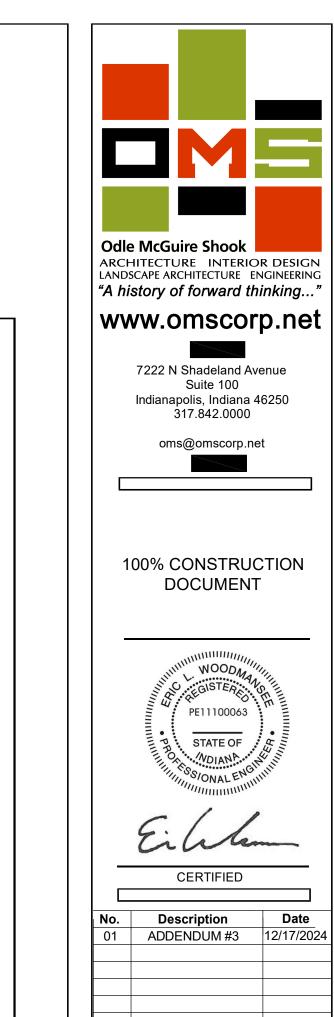












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REVISIONS

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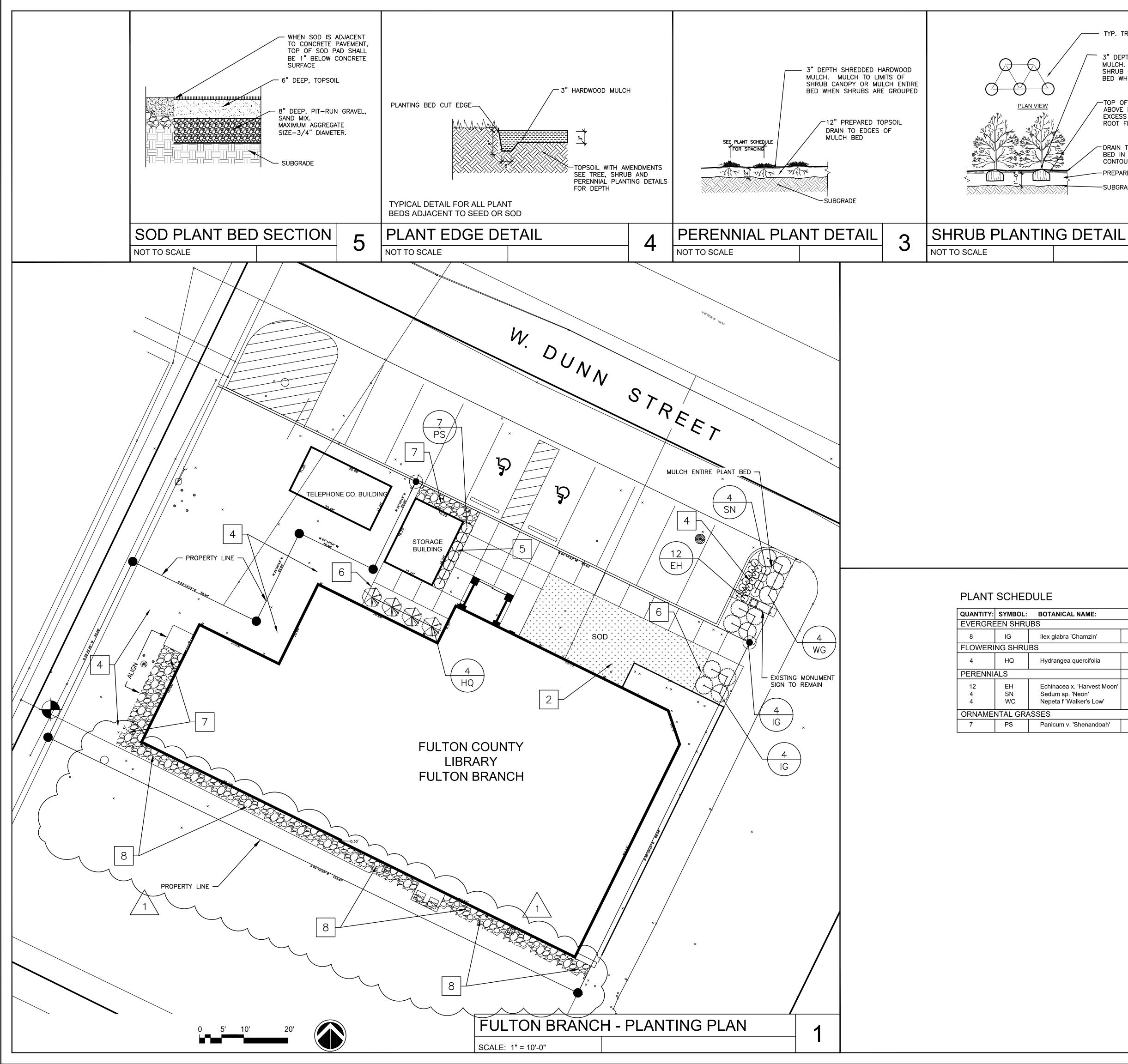
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Checked by: ELW

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Checked by:
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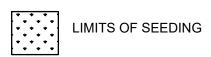
CONSTRUCTION DETAILS



GENERAL NOTES:

- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL BURIED UTILITIES PRIOR TO **EXCAVATION BY CALLING UTILITY LOCATING**
- SURVEY AND PROPERTY BOUNDARY INFORMATION PROVIDED BY VITREON GROUP, INDIANAPOLIS, INDIANA.

LANDSCAPE LEGEND:



PLANT QUANTITY ZS PLANT NAME KEY

LANDSCAPE NOTE REFERENCE

3" DEPTH AGGREGATE MULCH ON WEED BARRIER

LANDSCAPE NOTES:

- 1. ALL PLANT MATERIAL SHALL CONFORM TO ANSI Z 60-2004. SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES SHALL BE SPECIMEN OR QUALITY GRADE.
- 2. CONTRACTOR SHALL EXCAVATE PROPOSED SODDED AREA ON THIS SITE TO A DEPTH OF SUBGRADE SHOWN ON DETAIL 5 SHEET. SCARIFY SUBGRADE BEFORE ADDING PIT-RUN GRAVEL/SAND LAYER. INSTALL TOPSOIL OVER LEVELED GRAVEL SURFACE. INSTALL LANDSCAPE IRRIGATION BEFORE INSTALLING
- 3. CONTRACTOR SHALL REMOVE 12" OF EXISTING SOIL AND SURFACE MATERIAL FROM PROPOSED PLANT BEDS INCLUDING GRAVEL OR EXISTING MULCH AND REMOVE FROM SITE. INSTALL 12" OF TOPSOIL IN PLANT BEDS. SEE SPECIFICATIONS FOR TOPSOIL.
- 4. CONTRACTOR SHALL REPAIR, FINISH GRADE AND SEED ALL AREAS NOT COVERED BY PLANT BEDS OR SOD INCLUDING ANY AREAS OFF PROPERTY THAT WERE DAMAGED BY THIS
- 5. 3" DEEP SHREDDED HARDWOOD BARK MULCH.
- 6. PLANT BED CUT EDGE PER DETAIL4/L100.

CONTRACTOR.

- 7. 3" DEEP AGGREGATE MULCH ON WEED
- 8. INSTALL MINIMUM 3" DEEP AGGREGATE MULCH IN AREA WHERE EXISTING MULCH IS DISTURBED BY INSTALLATION OF NEW STORM LINE.

Call before you dig.

PLANT SCHEDULE

QUANTITY:	SYMBOL:	BOTANICAL NAME:	COMMON NAME:	SIZE - CONDITION:	REMARKS:
EVERGRE	EN SHRU	BS			
8	IG	llex glabra 'Chamzin'	Nordic Holly	18" Hgt. B&B	Matched, Full to ground
FLOWERI	NG SHRUE	3S			
4	HQ	Hydrangea quercifolia	Oakleaf Hydrangea	30" Hgt. B&B	Full
PERENNI	ALS				
12	EH	Echinacea x. 'Harvest Moon'	Harvest Moon Coneflower	1 Gal. Pot	
4	SN	Sedum sp. 'Neon'	Neon Upright Sedum	1 Gal. Pot	
4	WC	Nepeta f 'Walker's Low'	Walker's Low Catmint	1 Gal. Pot	
ORNAME	NTAL GRA	SSES			
7	PS	Panicum v. 'Shenandoah'	Shenandoah Switch Grass	1 Gal. Pot	

TYP. TRIANGULAR SPACING

3" DEPTH SHREDDED HARDWOOD

SHRUB CANOPY OR MULCH ENTIRE

BED WHEN SHRUBS ARE GROUPED

MULCH. MULCH TO LIMITS OF

TOP OF ROOT MASS TO BE 1"

ROOT FLARE IN B&B SHRUBS

- DRAIN TO EDGES OF MULCH

BED IN ACCORDANCE WITH

-PREPARED TOPSOIL

-SUBGRADE

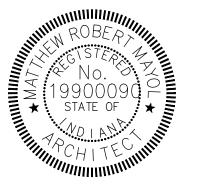
ABOVE FINISH GRADE. REMOVE EXCESS TOPSOIL FROM TOP OF



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100% CONSTRUCTION DOCUMENTS



CERTIFIED

Description ADD-3 -MODIFY MULCH LIMITS

REVISIONS

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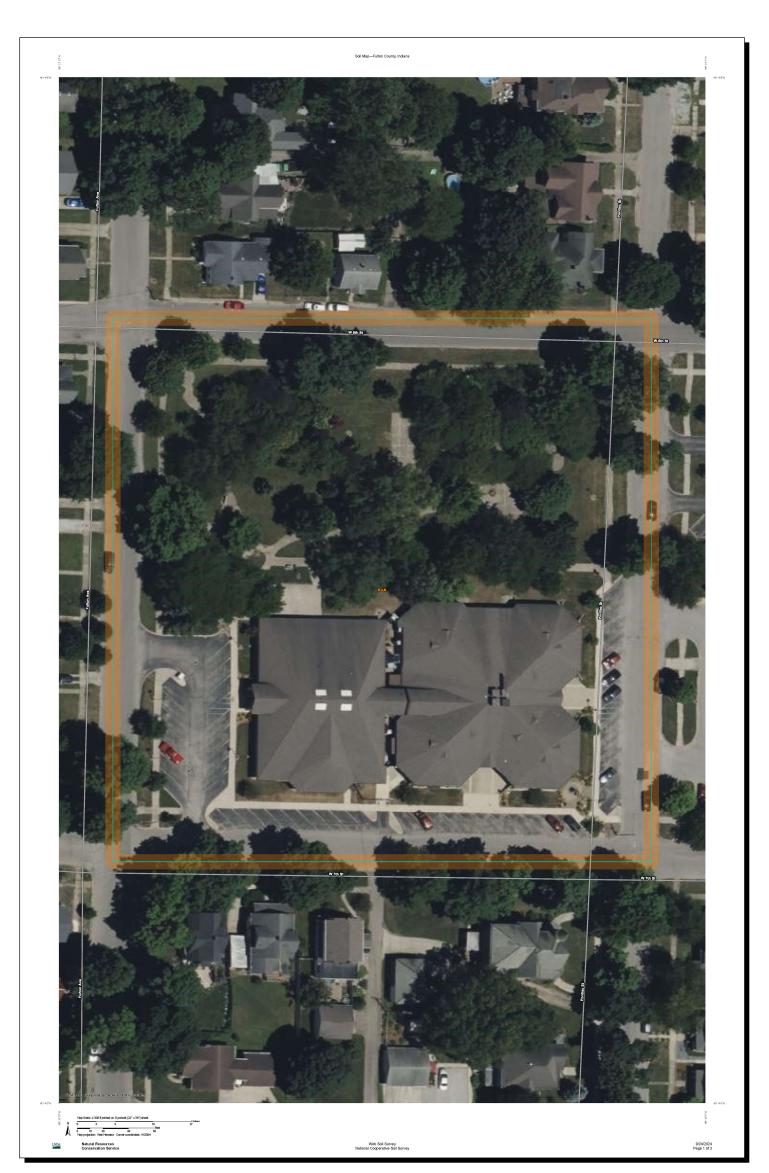
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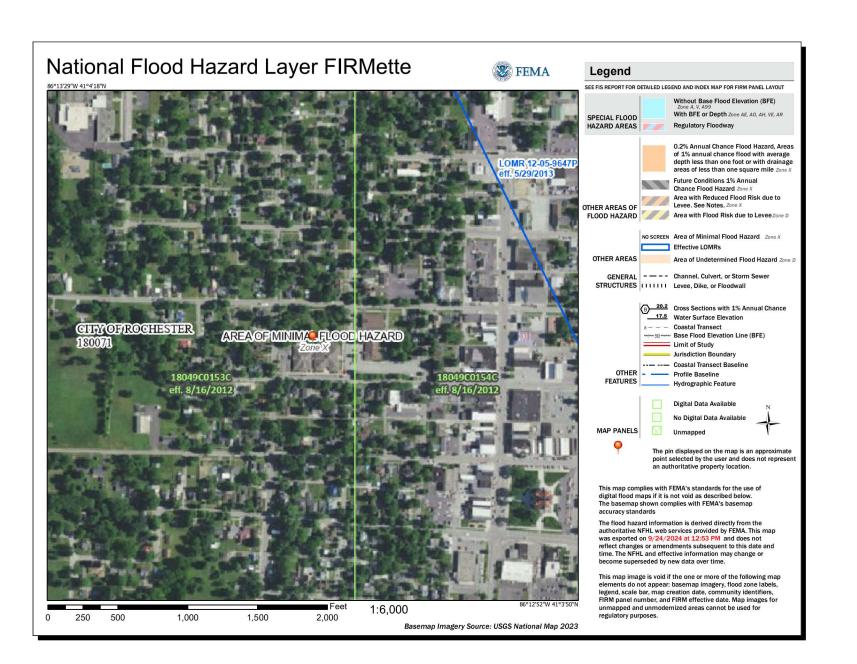
FULTON BRANCH PLANTING PLAN & PLANT DETAILS

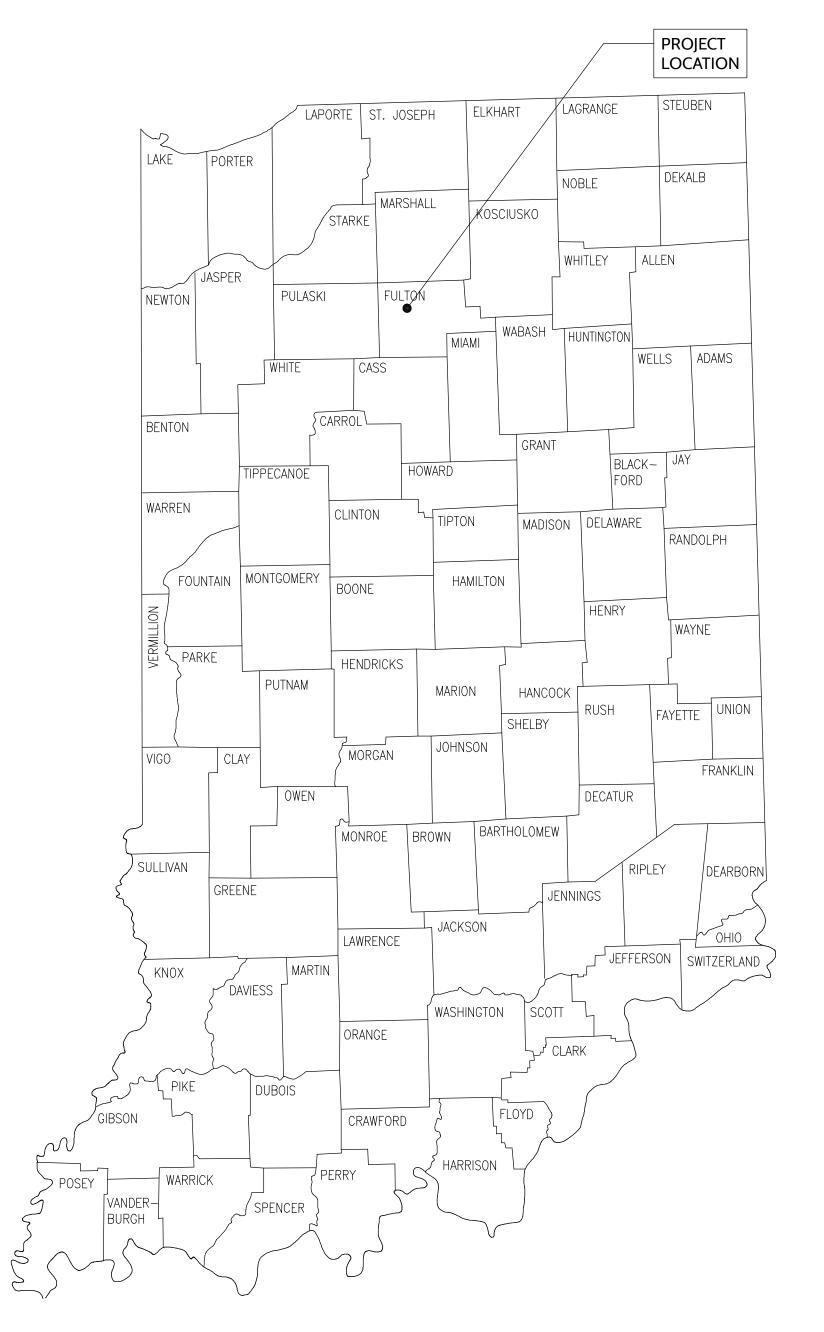
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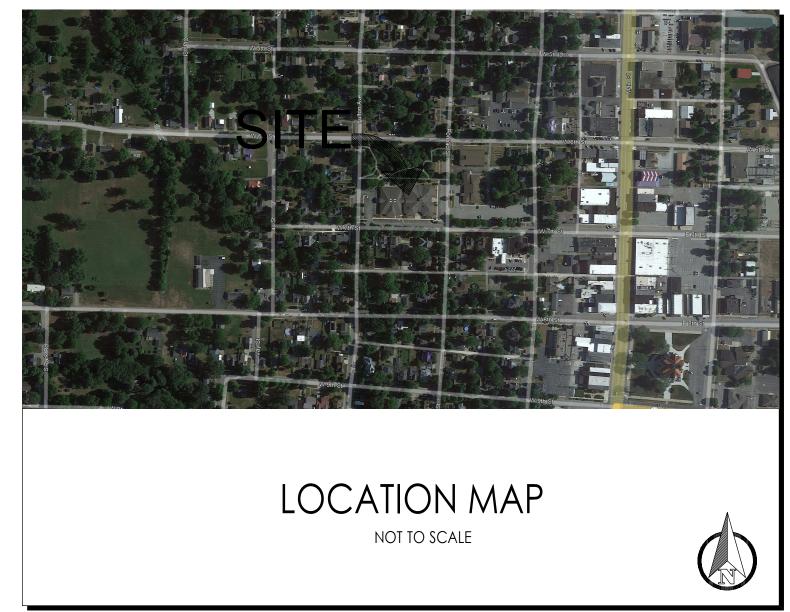
ROCHESTER TOWNSHIP, FULTON COUNTY, INDIANA ADDRESS: 320 W. 7TH STREET, ROCHESTER INDIANA 46975



Map Unit Legend				
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
КоА	Kosciusko-Ormas complex, 0 to 2 percent slopes	4.1	100.0%	
Totals for Area of Interest	·	4.1	100.0%	







PLANS PREPARED FOR:

OWNER: FULTON COUNTY PUBLIC LIBRARY PROJECT LOCATION: ROCHESTER LIBRARY 320 W. 7TH STREET, ROCHESTER, IN 46975

PROJECT TEAM



DEVELOPER/OWNER FULTON COUNTY PUBLIC LIBRARY 320 W. 7TH STREET ROCHESTER, IN 46975



CIVIL ENGINEER/LAND SURVEYOR
VITREON AEC
ADAM G. HOFFER, PROJECT MANAGER
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ARCHITECT
OMS CORP

GER MATT MAYOL, ARCHITECT
7222 N. SHADELAND AVENUE
SUITE 100
(317) 842-0000
mmayol@omscorp.net

GENERAL NOTES

- THE CONSTRUCTION PLANS SHALL GOVERN OVER ANY OTHER FORM OF MEDIA, WHICH INCLUDES DIGITAL CAD FILES OF THIS PROJECT.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE
 RESPECTIVE CITY COLINTY STATE & FEDERAL AGENCIES PRIOR TO STARTING CONSTRUCTION
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINATE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION. ONCE ALL UTILITIES HAVE BEEN LOCATED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DRAWINGS.
- 4. BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- 6. MAINTENANCE OF TRAFFIC NEEDED FOR THIS PROJECT SHALL BE INSTALLED AND MAINTAINED PER INDOT SPECIFICATIONS AND THI
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND SHALL VERIFY ALL DIMENSIONS ON THE SITE PRIOR TO ST. OF CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SH NOTIFY THE ENGINEER IMMEDIATELY.
- 8. ALL QUANTITIES GIVEN ON THESE CONSTRUCTION PLANS OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED
- BY THE BIDDING CONTRACTORS.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
 BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.

SHEET INDEX		
SHT. NO.	DESCRIPTION	
CO.0	COVER SHEET	
CO.1	GENERAL NOTES AND SPECIFICATIONS	
C1.0	EXISTING CONDITIONS/DEMOLITION PLAN	
C2.0	SITE DEVELOPMENT PLAN	
C3.0-C3.1	GRADING AND DRAINAGE PLAN	
C4.0	OMITTED	
C5.0	OMITTED	
C6.0	OMITTED	
C7.0-C7.1	CONSTRUCTION DETAILS	

FULTON COUNTY

CONSTRUCTION OF ±3,200 SFT OF PROPOSED PAVEMENT AND CONCRETE SIDEWALK, INCLUDING UTILITY AND STORM INFRASTRUCTURE. THE PROJECT IS LOCATED IN THE TOWN OF ROCHESTER, INDIANA

NOTES: ALL CONTR

ALL CONTRACTORS SHALL REVIEW FULTON COUNTY STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THIS PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLANS, MAY BE REQUIRED.

THE PRESENCE OF A FULTON COUNTY REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "FULTON COUNTY" CONSTRUCTION STANDARDS LATEST EDITION. THIS REVIEW ONLY DESIGNATES THAT THE GENERAL CONFORMANCE WITH DESIGN AND SPECIFICATIONS HAVE BEEN MET. FIELD CHANGES MAY BECOME NECESSARY IN ORDER TO COMPLY WITH THE DETAILED FULTON COUNTY SPECIFICATIONS.

ERRORS AND OMISSIONS STATEMENT:

DESIGN PROFESSIONAL CERTIFYING PLANS FOR THE PROJECT ACKNOWLEDGES THEIR PROFESSIONAL RESPONSIBILITY FOR ENSURING THAT ALL WORK IS CORRECT, ACCURATE AND COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF SUCH AN ERROR/OR OMISSION IS FOUND, THE CONTRACTOR IS NOT RELIEVED OF COMPLYING WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES.

INDIANA STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION, TO BE USED AS SUPPLEMENTAL INFORMATION WITH THESE PLANS.

THESE DOCUMENTS ARE SUBJECT TO PERIODIC REVISIONS BY VITREON GROUP THE HOLDER IS RESPONSIBLE FOR VERIFYING THAT THESE DOCUMENTS ARE THE MOST CURRENT PRIOR TO USE.

THIS DRAWING AND THE DESIGNS AND CONCEPTS CONTAINED HEREIN
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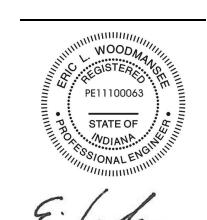
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No. Description Date
O1 ADDENDUM #03 12/17/2024

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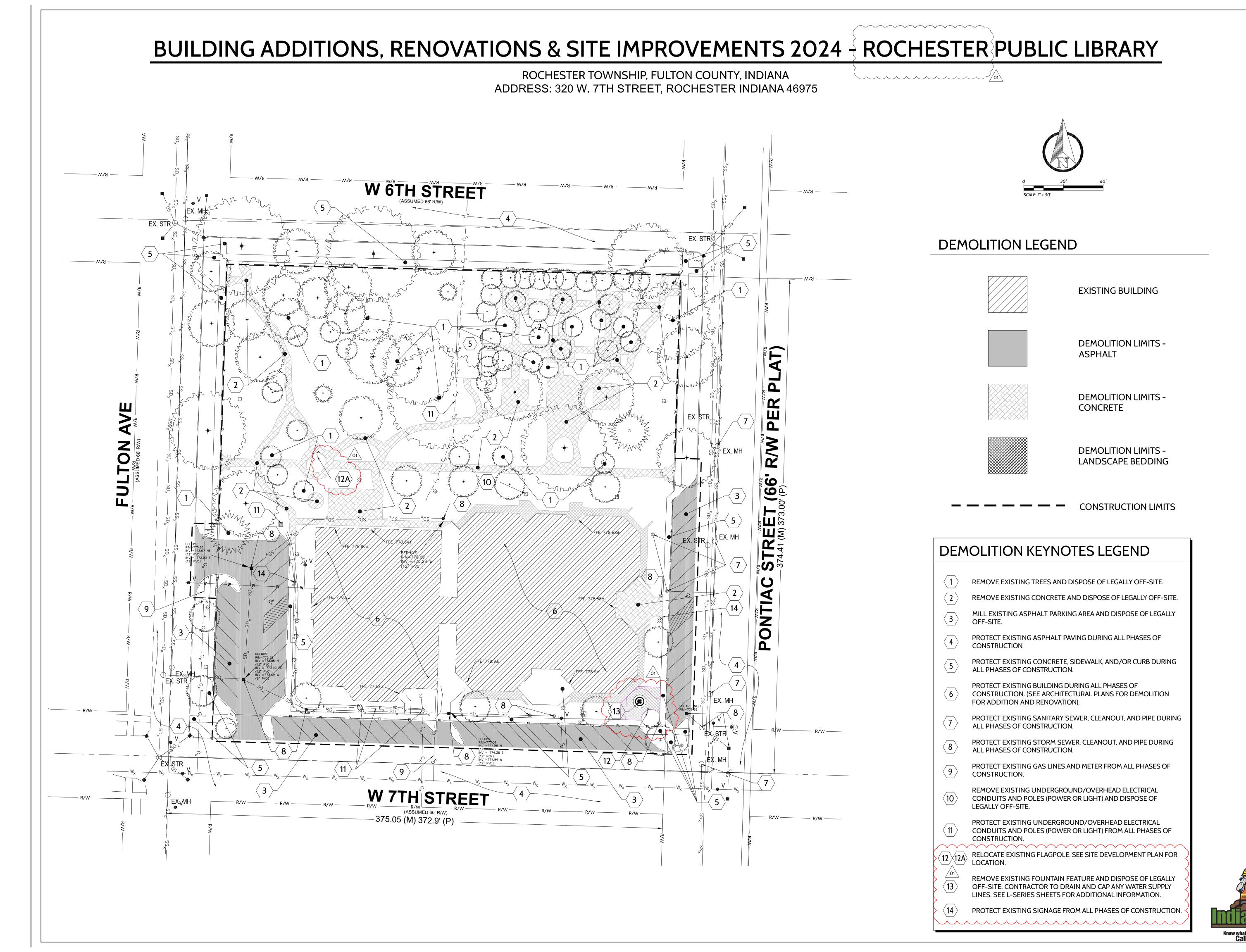
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Date: 11/15/2024

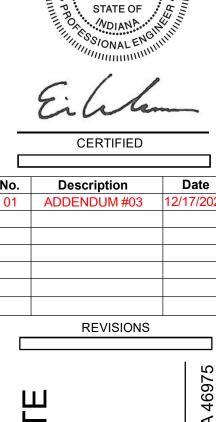
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COVER SHEET







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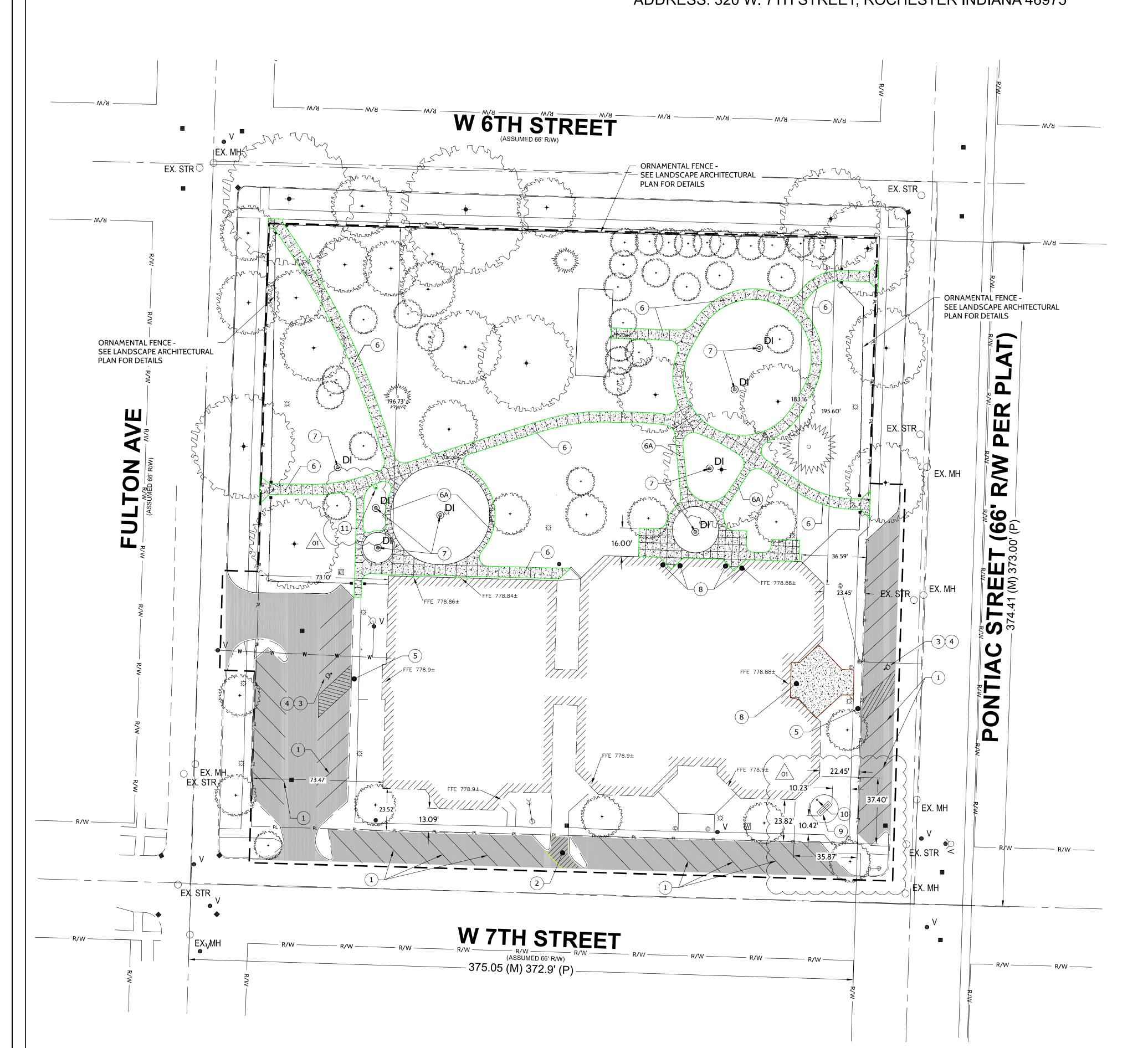
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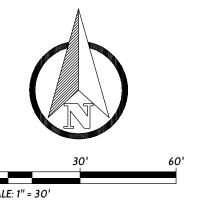
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EXISTING CONDITIONS/DEMOLITION PLAN

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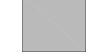
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PROPOSED FEATURES LEGEND

= CONCRETE SIDEWALK (SEE SHEET C7.0) 4" 4000 PSI CONCRETE W/ 6X6 WWM FABRIC



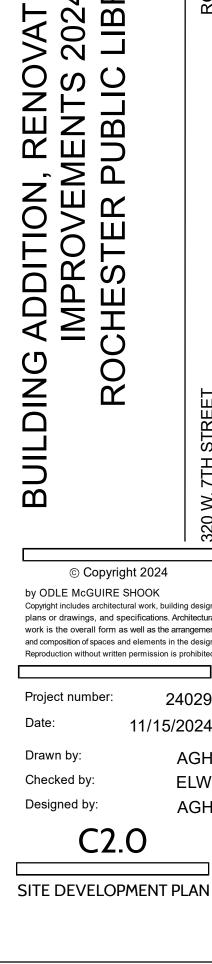
= PROPOSED ASPHALT PAVING (ASPHALT RESURFACE - SEE SHEET C7.0)

GENERAL SITE PLAN NOTES:

- - LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
- 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.
- 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS. FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- 5. EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 6. ALL RADII AND STREET DIMENSIONS SHALL BE MEASURED TO BACK OF CURB OR FACE OF INTEGRAL CURB AND WALK. ALL DIMENSIONS TO THE BUILDING ARE TO THE OUTSIDE OF BUILDING FOUNDATION WALL.
- 7. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.
- 8. SEE ARCHITECTURAL PLANS FOR DETAILS OF BUILDINGS AND BUILDING
- 9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- 10. ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY
- 11. CONTACT ENGINEER IF ADDITIONAL DIMENSIONS ARE NEEDED FOR CONSTRUCTION.
- 12. FOR ADDITIONAL INFORMATION REGARDING LANDSCAPING, PLEASE REFER TO THE LANDSCAPING PLAN.

PROPOSED KEYNOTE LEGEND

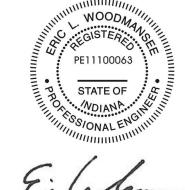
- (1) 4", WHITE, PARKING STRIPE (SEE SHEET C7.0)
- (2) 4", YELLOW, PARKING STRIPE (SEE SHEET C7.0)
- (3) ADA HANDICAP PARKING SPACE (SEE SHEET C7.0)
- (4) ADA HANDICAP PARKING SYMBOL (SEE SHEET C7.0)
- (5) ADA HANDICAP ACCESS RAMP (SEE SHEET C7.0)
- 6 6' CONCRETE SIDEWALK (SEE SHEET C7.0) (6A) 4' CONCRETE SIDEWALK (SEE SHEET C7.0)
- (7) NDS FLO-WELL STORMWATER DRYWELL (OR APPROVED EQUAL SEE SHEETS C7.0-C7.1)
- 8 CONCRETE STOOP (SEE SHEET C7.0)
- 9 DIGITAL SIGNAGE AND LANDSCAPING. REFER TO L-SERIES SHEETS FOR DETAILS
- (10) RELOCATED FLAGPOLE. REFER TO SHEET C7.0 FOR DETAILS
- (11) RELOCATED FLAGPOLE. REFER TO L-SERIES SHEETS FOR DETAILS





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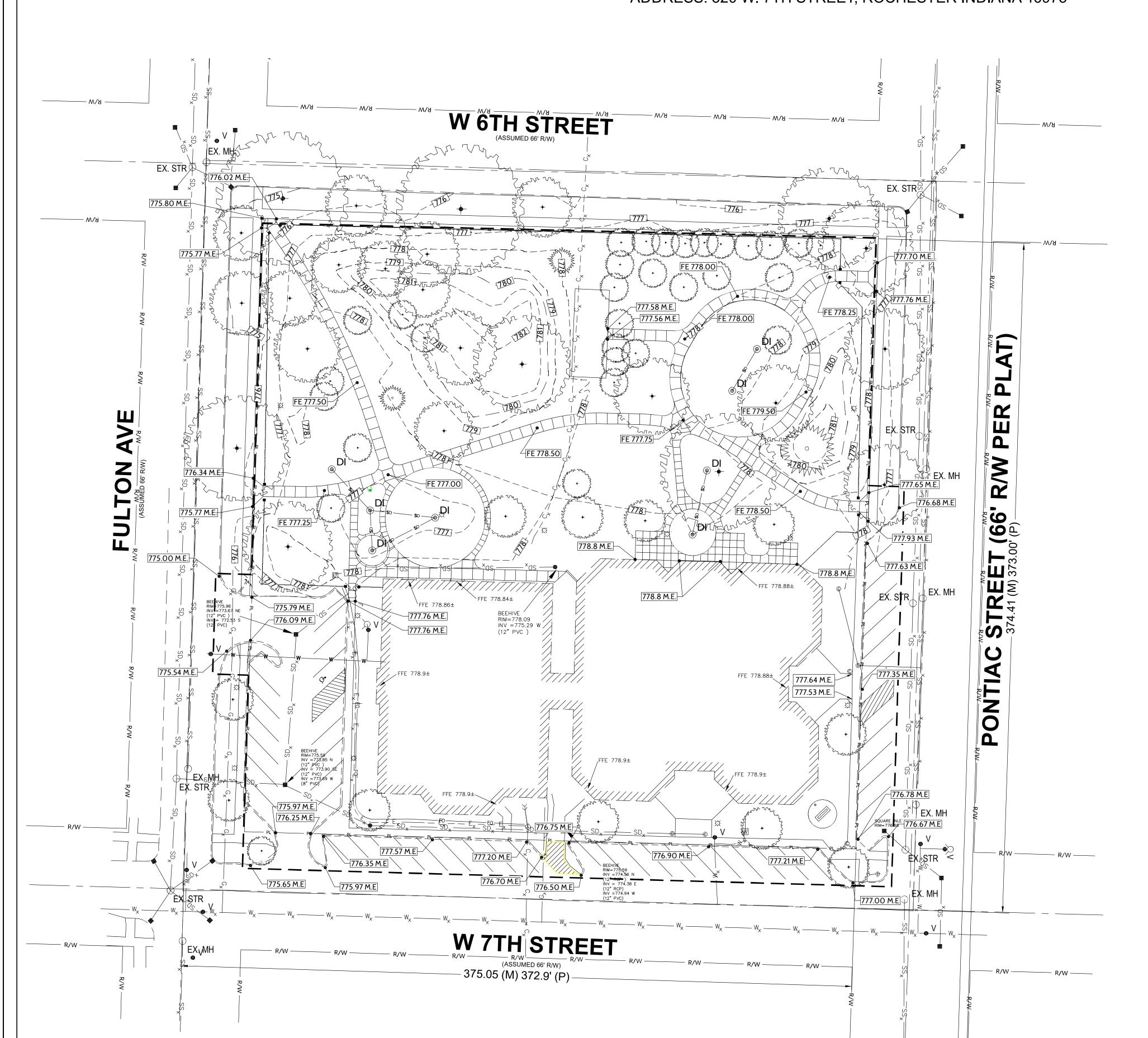
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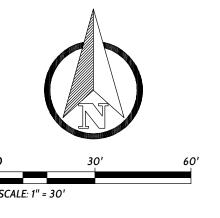
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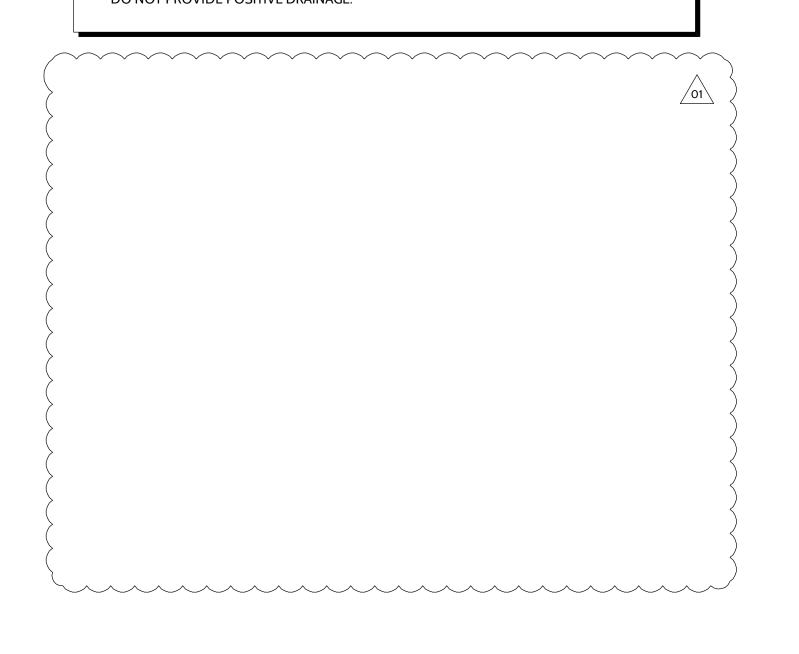


GRADING LEGEND

FINISH GRADE ELEVATION MATCH EXISTING (ME) ELEVATION

GRADING PLAN NOTES:

- 2. TOPSOIL SHALL BE PLACED IN ALL LANDSCAPE AND YARD AREAS. TOPSOIL SHALL
- 4. CONTOURS SHOW GRADING INTENT. THE CONTRACTOR MUST USE PROPOSED SPOT GRADES ARE NEEDED FOR CONSTRUCTION.
- 5. PAVEMENT AREAS SHALL BE CONSTRUCTED OF SUITABLE FILL MATERIAL AND COMPACTED PER SPECIFICATIONS. FILL AREAS FOR PAVEMENTS ARE TO BE STRIPPED OF ALL TOPSOIL PRIOR TO PLACEMENT OF FILL.
- 6. ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY
- 7. SEE DRAINAGE PLAN SHEETS FOR STORM SEWER INVERT AND RIM ELEVATIONS.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THAT STAKED GRADES MATCH DESIGN ELEVATIONS AND POSITIVE DRAINAGE TO STORMWATER MANAGEMENT SYSTEM IS ACHIEVED. CONTACT ENGINEER IF DESIGN ELEVATIONS DO NOT PROVIDE POSITIVE DRAINAGE.

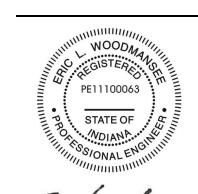






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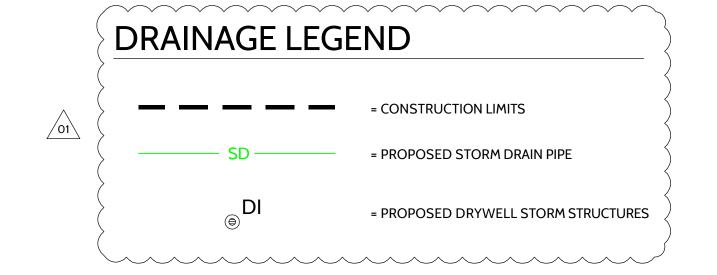
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Drawn by: Checked by: ELW Designed by:

C3.0 **GRADING AND DRAINAGE**

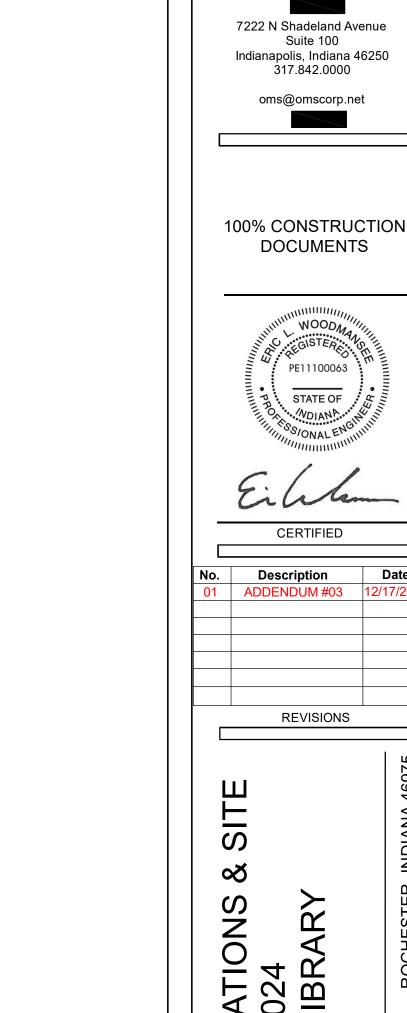
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GENERAL PLAN NOTES:

- ALL ELEVATIONS AT CONSTRUCTION LIMITS SHALL MATCH EXISTING GRADE.
 TOPSOIL SHALL BE PLACED IN ALL LANDSCAPE AND YARD AREAS. TOPSOIL SHA BE SPREAD TO A MINIMUM DEPTH OF 6 INCHES UNLESS NOTED OTHERWISE.
- . MAINTAIN SITE DRAINAGE AT ALL TIMES DURING EARTHWORK OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE FACILITIES IF NECESSARY THROUGHOUT CONSTRUCTION.
- SPOT GRADES ARE NEEDED FOR CONSTRUCTION.

 CONTOURS SHOW GRADING INTENT. THE CONTRACTOR MUST USE PROPOSED SPOT GRADE ELEVATIONS TO BUILD SITE. CONTACT ENGINEER IF ADDITIONAL SPOT GRADES ARE NEEDED FOR CONSTRUCTION.
- 5. PAVEMENT AREAS SHALL BE CONSTRUCTED OF SUITABLE FILL MATERIAL AND COMPACTED PER SPECIFICATIONS. FILL AREAS FOR PAVEMENTS ARE TO BE STRIPPED OF ALL TOPSOIL PRIOR TO PLACEMENT OF FILL.
- 6. ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY
- SEE UTILITY PLAN SHEETS FOR STORM SEWER INVERT AND RIM ELEVATIONS.
 CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THAT STAKED GRADES MATCH DESIGN ELEVATIONS AND POSITIVE DRAINAGE TO STORMWATER MANAGEMENT SYSTEM IS ACHIEVED. CONTACT ENGINEER IF DESIGN ELEVATIONS DO NOT PROVIDE POSITIVE DRAINAGE.



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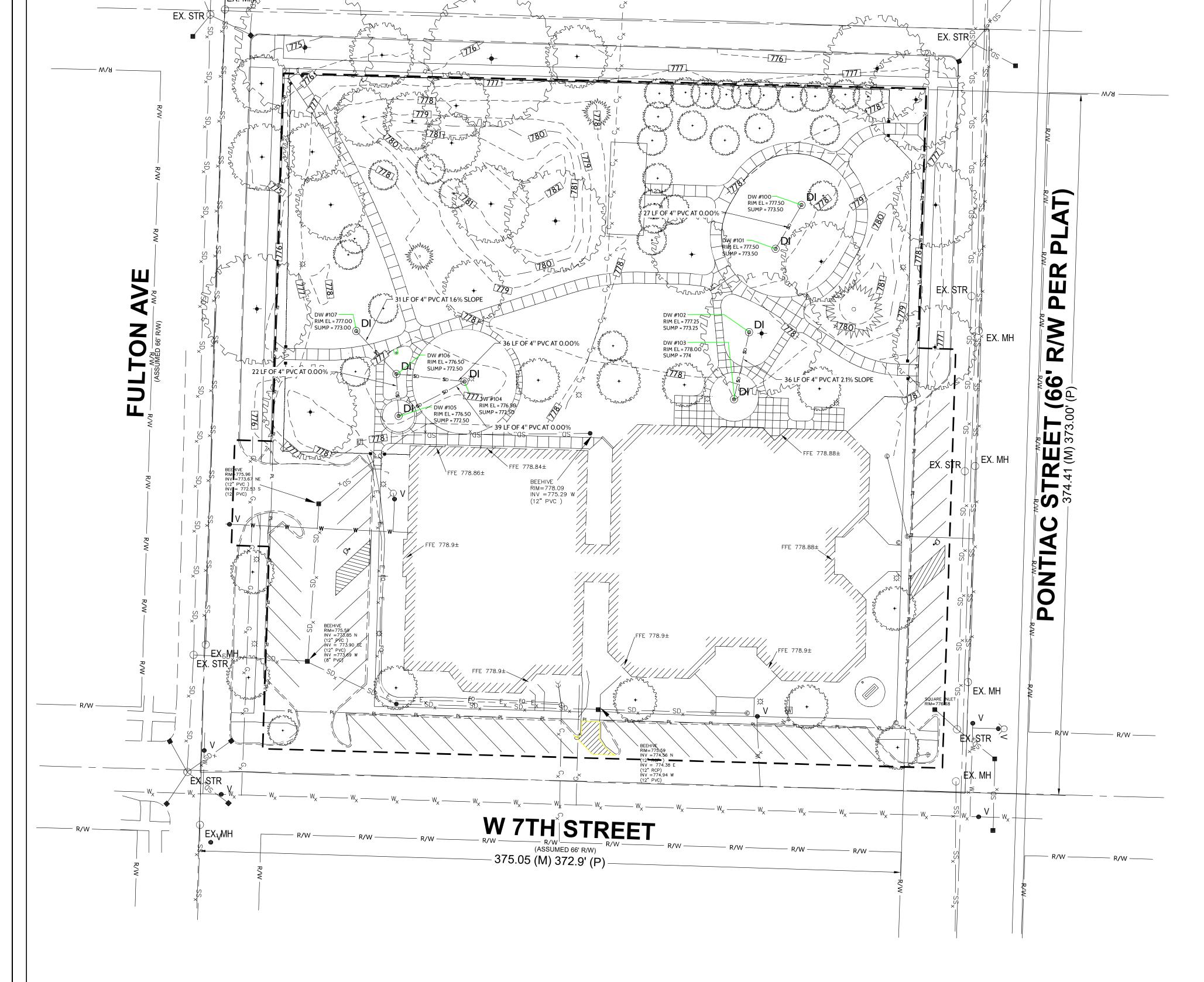
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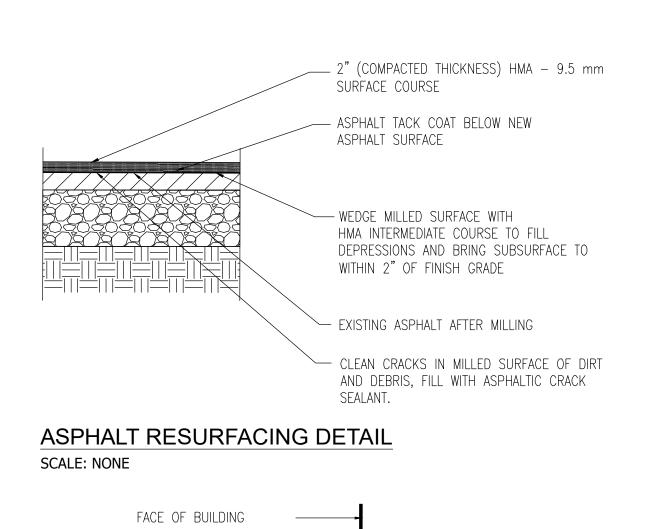
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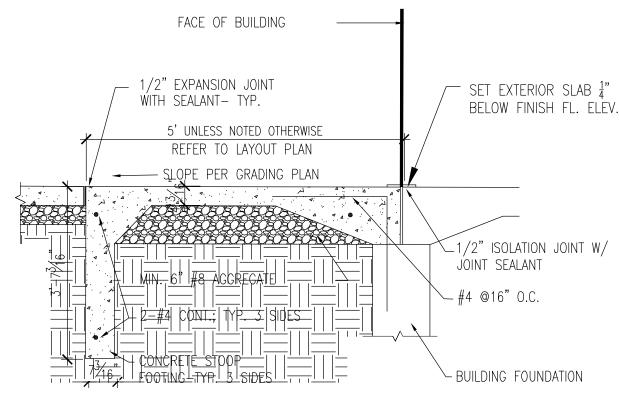
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GRADING AND DRAINAGE PLAN

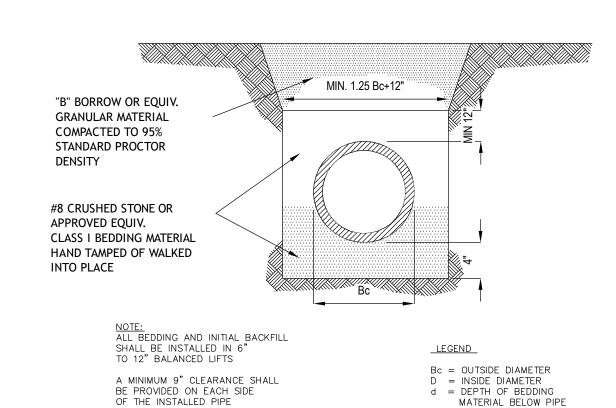




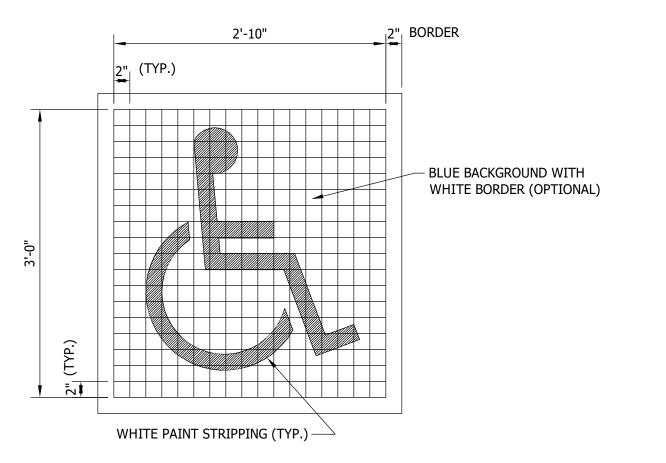


EXTEND STOOP 1'-0" WIDER THAN DOOR OPENING-BOTH SIDES UNLESS NOTED OTHERWISE

CONCRETE STOOP SCALE: NONE

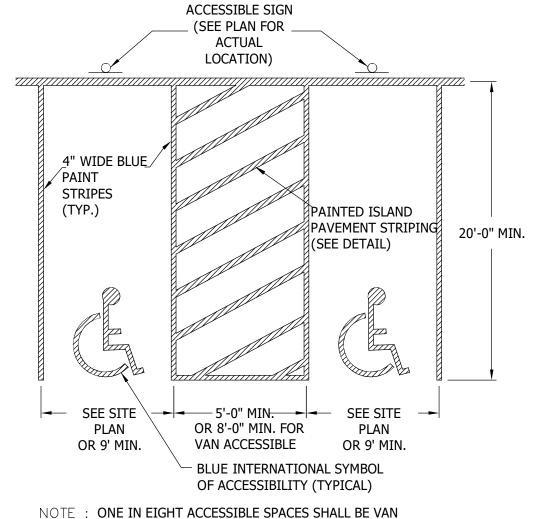


TYPICAL PLASTIC PIPE (PVC & HDPE) TRENCH DETAIL SCALE: NONE



- 1. GRID IS FOR LAYOUT PURPOSES ONLY. IT SHALL NOT BE
- 2. HANDICAP PAVEMENT MARKINGS SHALL BE INSTALLED IN THE CENTER OF EACH PER PLAN.

ADA PAVEMENT MARKING SCALE: NONE



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ELW

11/15/2024

by ODLE McGUIRE SHOOK

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Date:

Drawn by:

Checked by:

Designed by:

ADDENDUM #03 12/17/2024

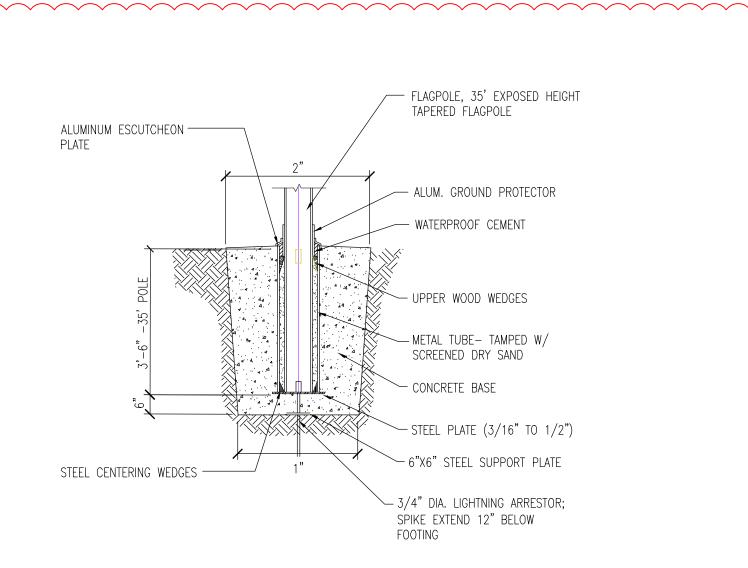
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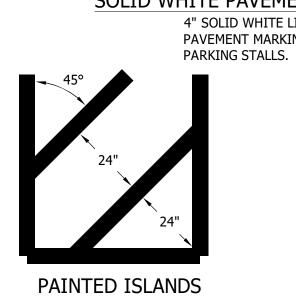
ACCESSIBLE, BUT NOT LESS THAN ONE. (SEE SITE PLAN)

ACCESSIBLE PARKING SPACES SHALL BE IDENTIFIED BY A SIGN SHOWING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ANSI 4.28.8. SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

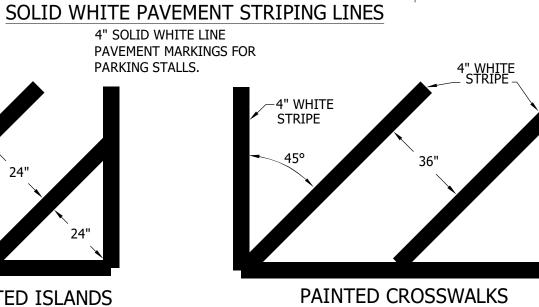
ACCESSIBLE PARKING SPACE SCALE: NONE



FLAGPOLE BASE DETAIL SCALE: NONE



4" SOLID BLUE LINE PAVEMENT MARKINGS FOR ADA ISLANDS. 4" SOLID WHITE LINE PAVEMENT MARKINGS FOR NON-ADA **ISLANDS**



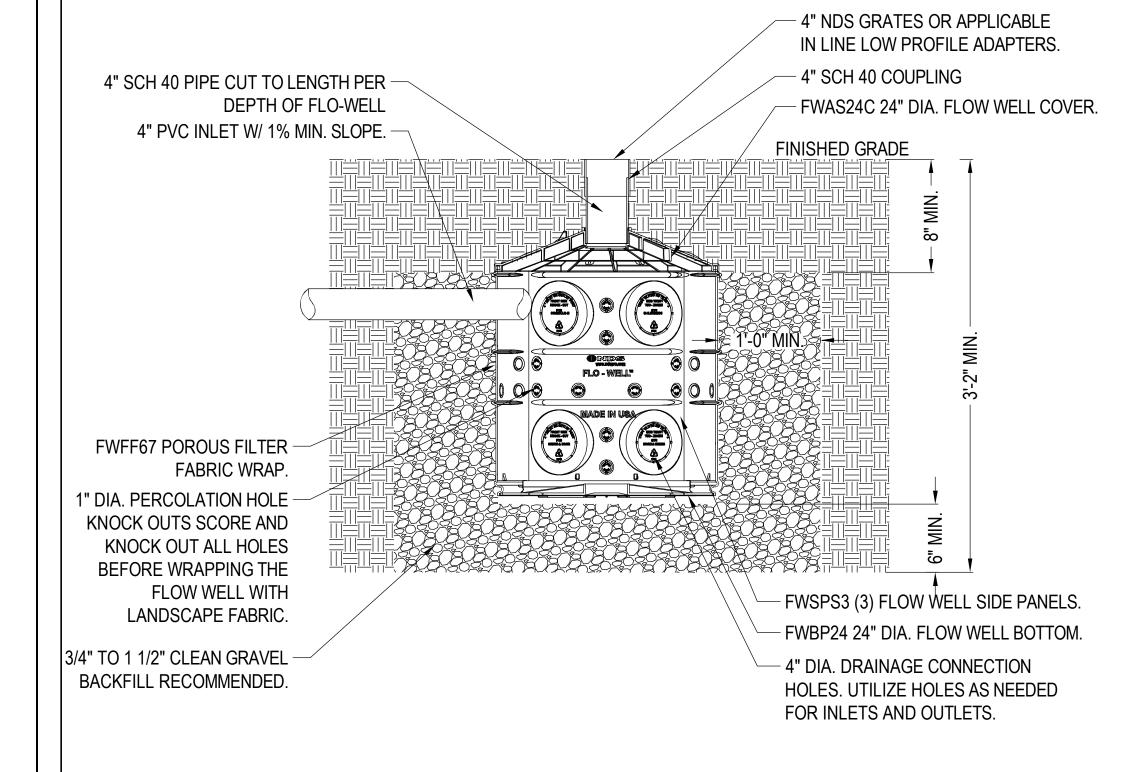
4" SOLID WHITE LINE PAVEMENT MARKINGS

<u>2% MAX</u>

PAVEMENT STRIPING

SCALE: NONE

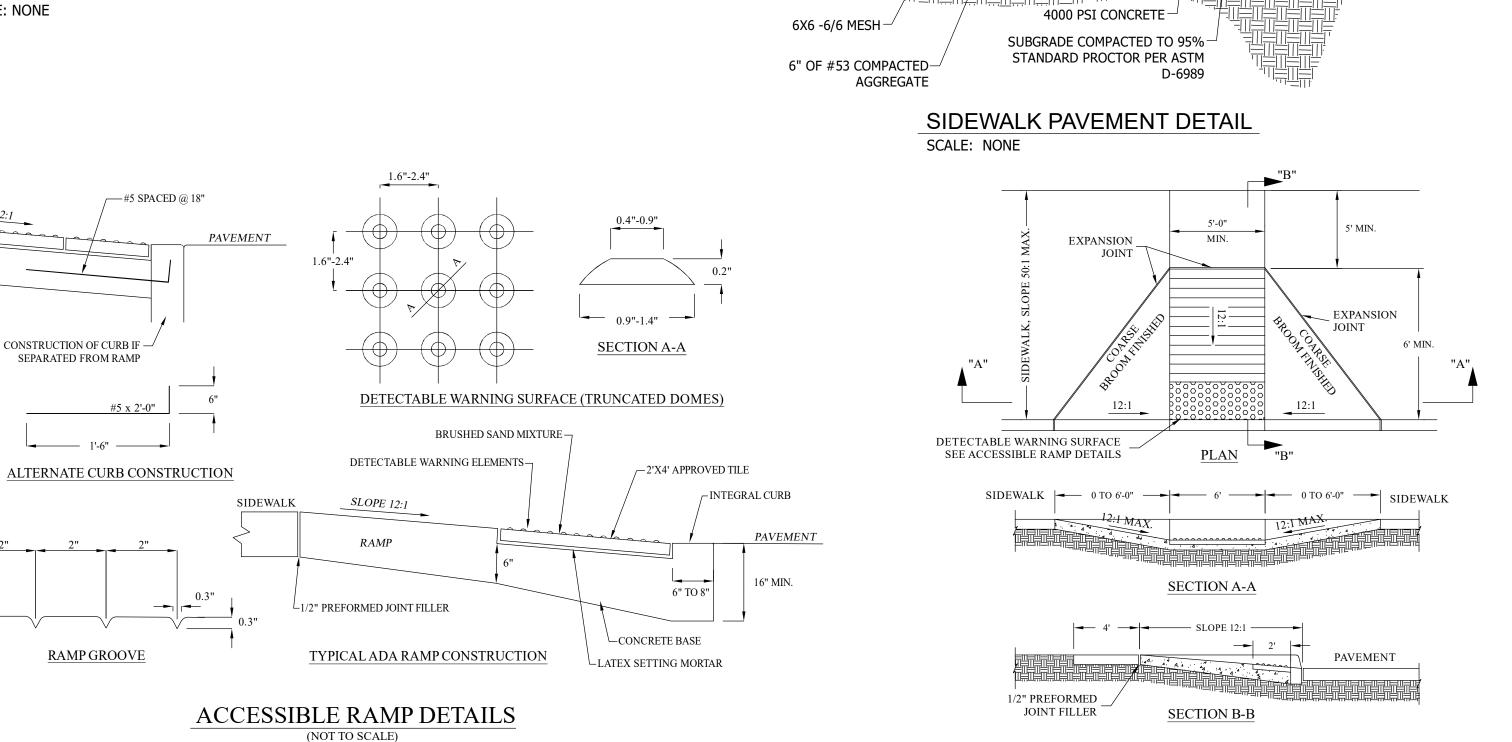
ACCESSIBLE RAMP (1)

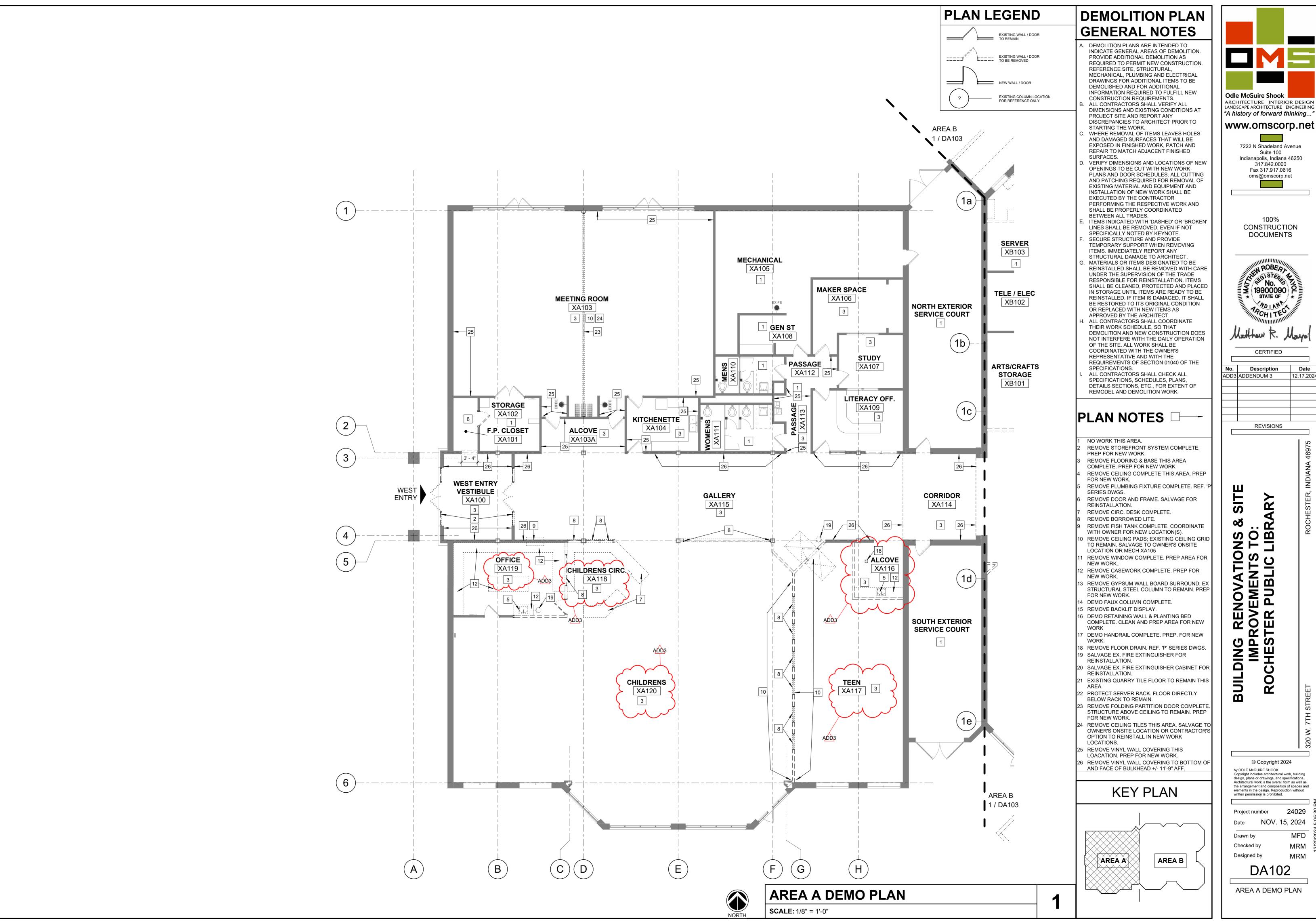


- 1. MUST BE INSTALLED 10' AWAY FROM STRUCTUREOR FOUNDATION.
- 2. FWAS24 KIT DOES NOT COME WITH FWPB24 BTM.
- 3. REFERENCE FLO-WELL CALCULATOR ON NDSPRO.COM
- 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 5. DO NOT SCALE DRAWING.
- 6. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN
- PROFESSIONALS FOR PLANNING PURPOSES ONLY
- 7. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

FLO-WELL DRY WELL SYSTEM

FLO-WELL INSTALLATION DETAIL - LOAD CLASS "A" & "B" - GRAVEL INSTALLATION DETAIL







LANDSCAPE ARCHITECTURE ENGINEERING "A history of forward thinking...

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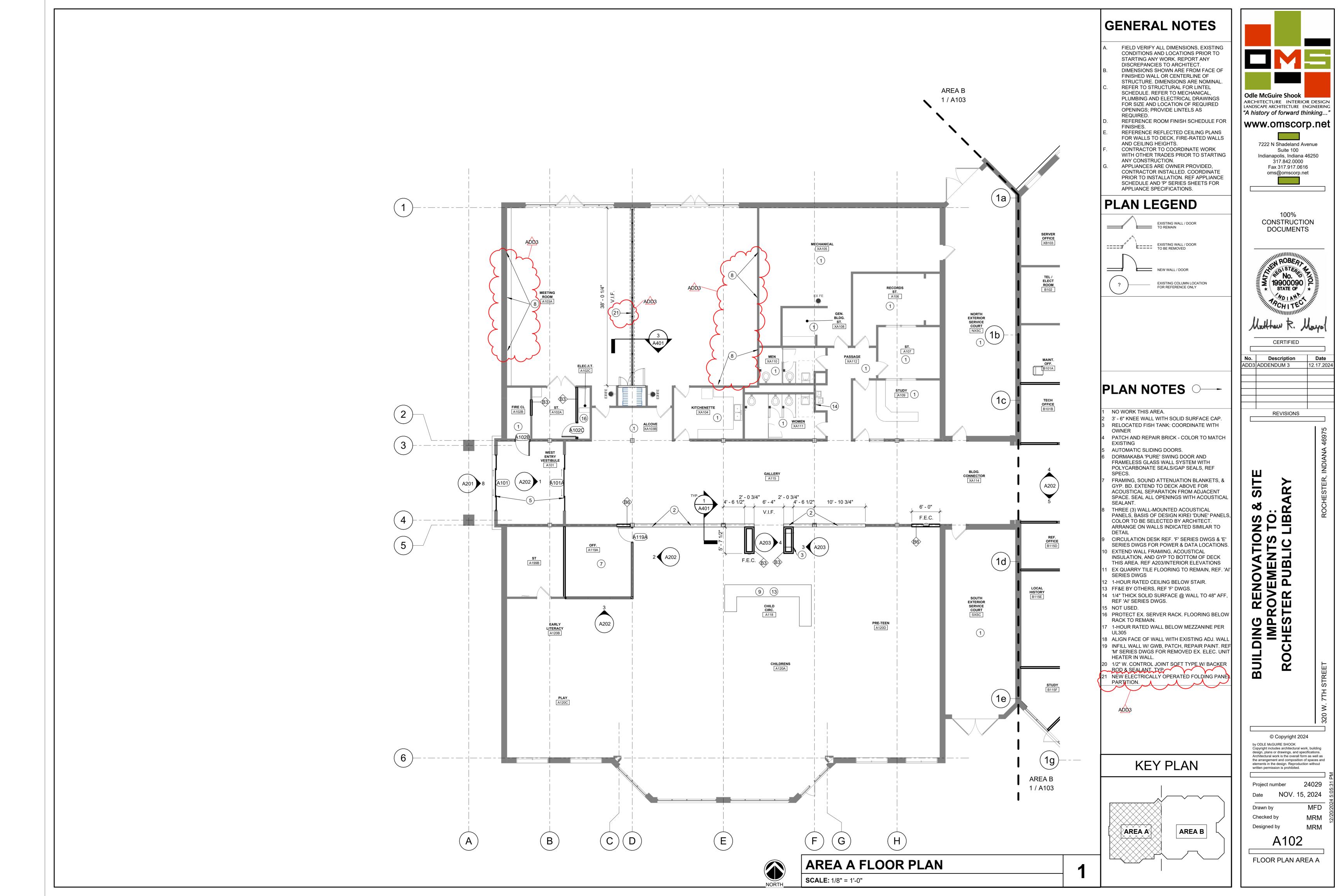
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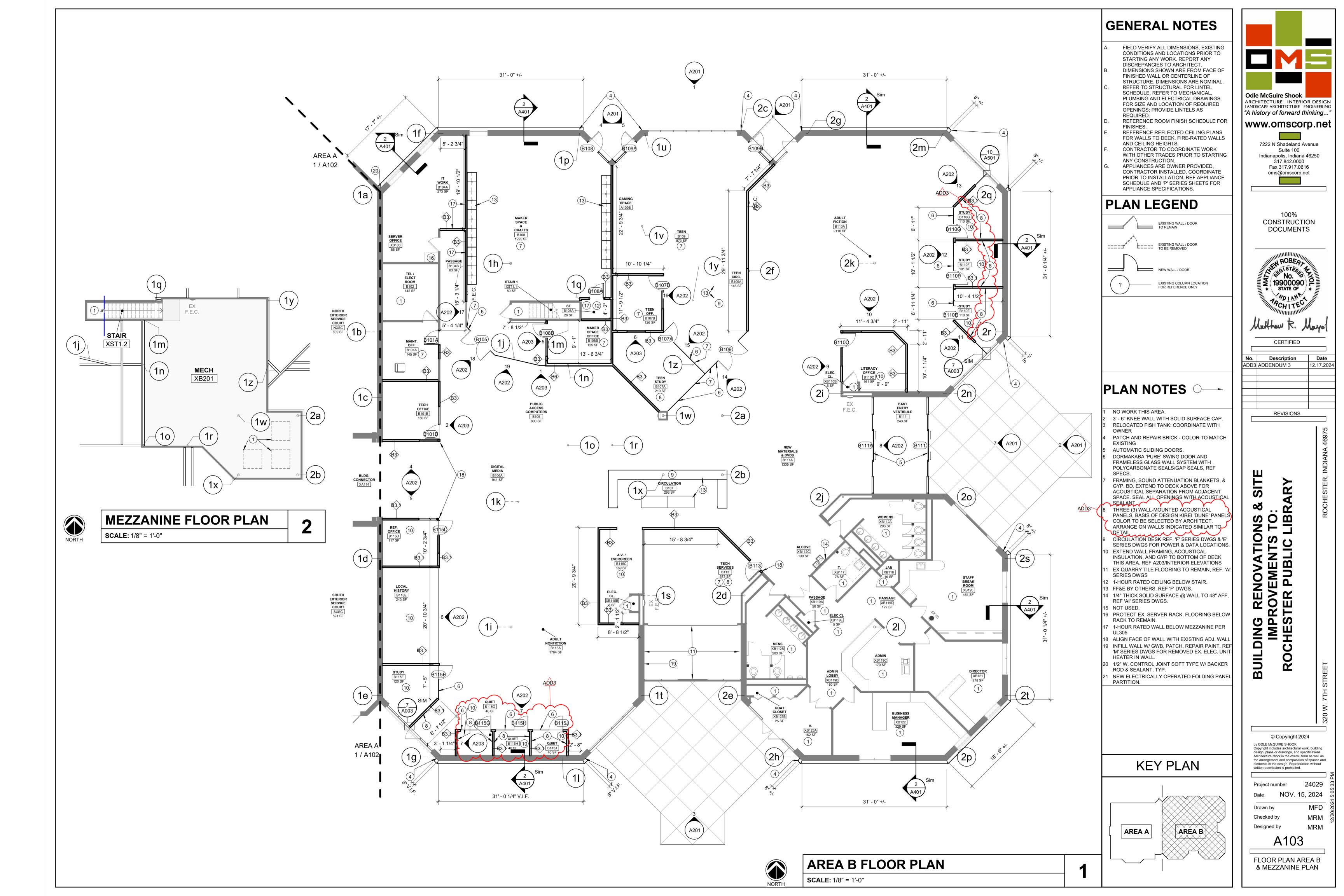
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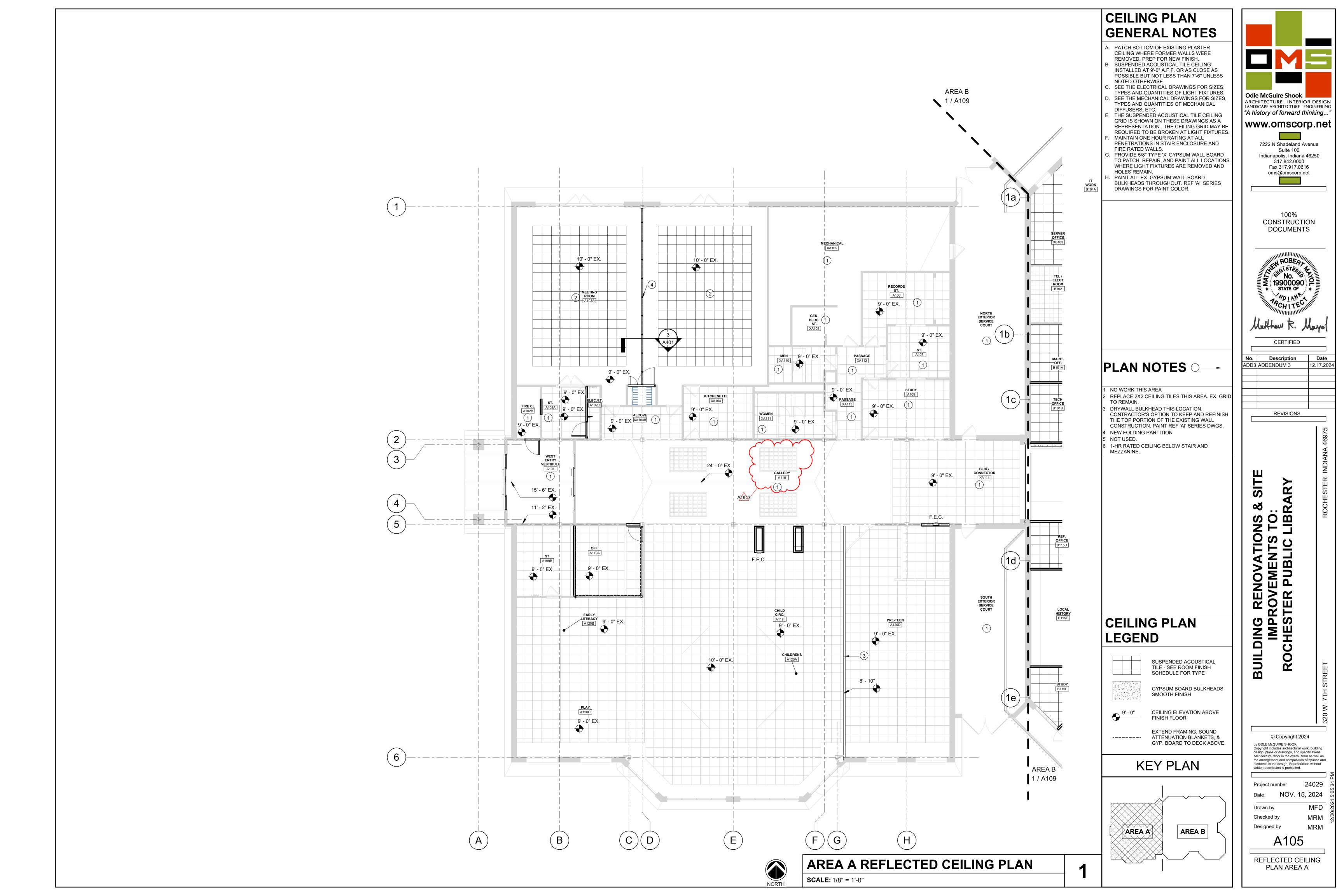
MFD MRM

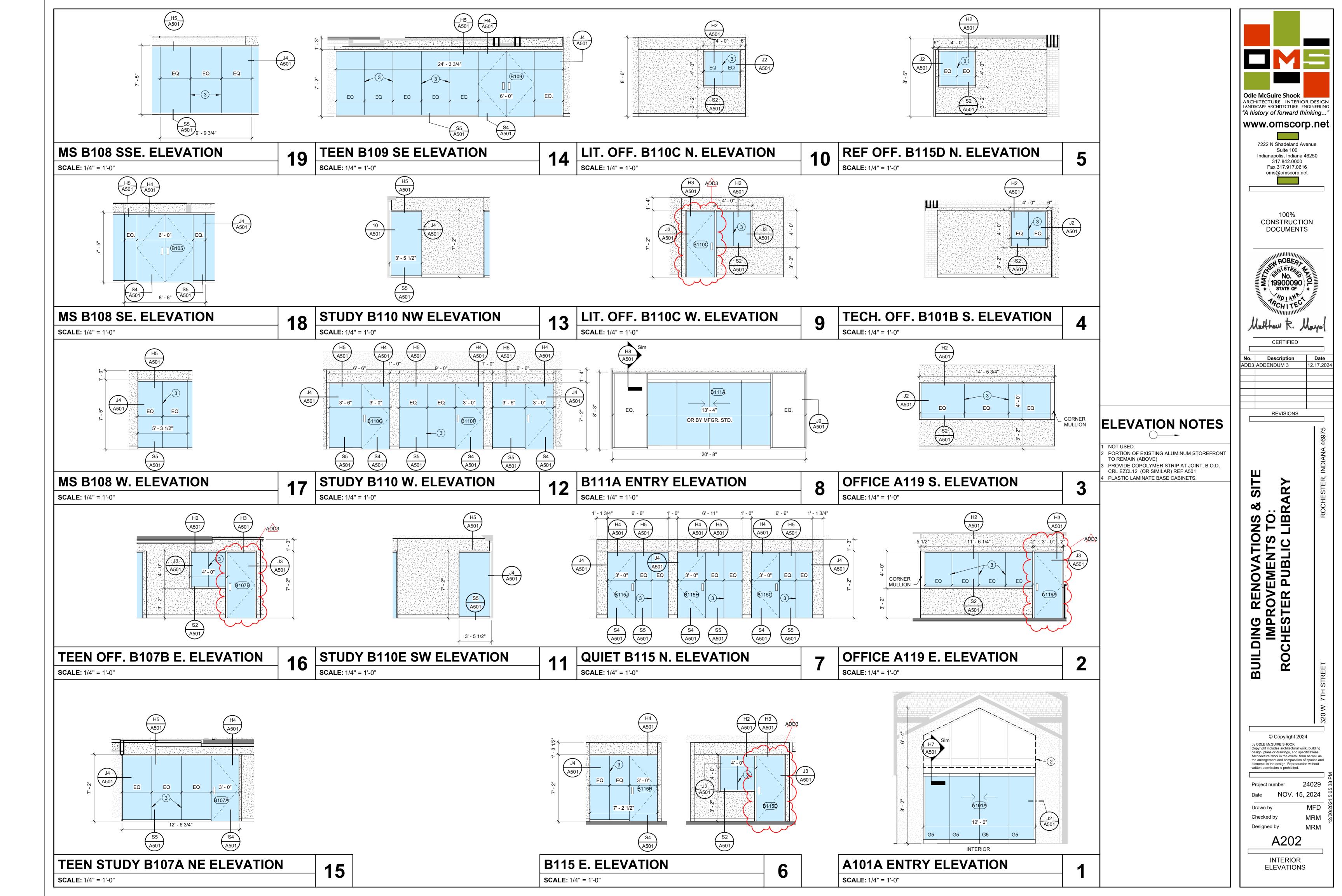
MRM

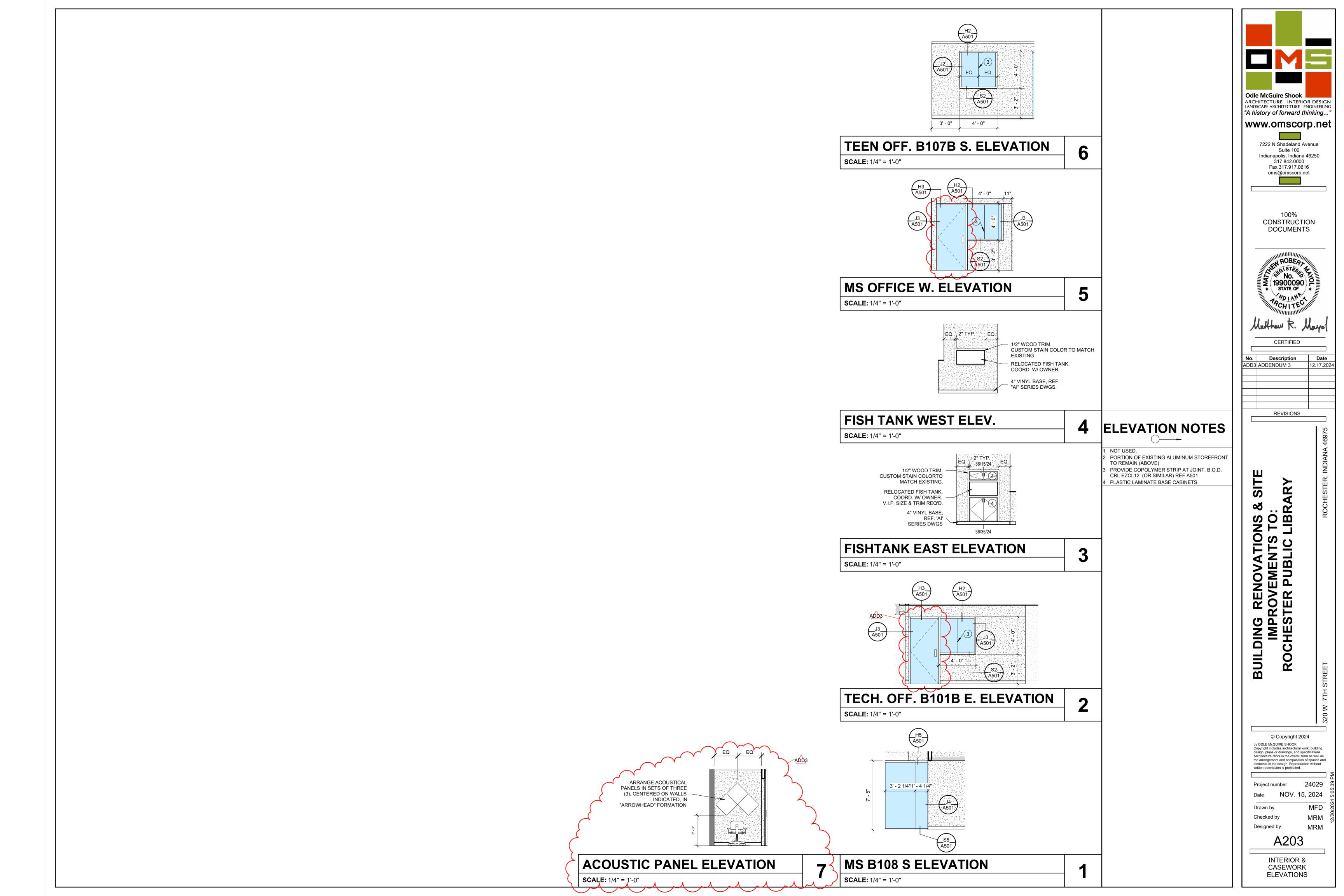
AREA A DEMO PLAN

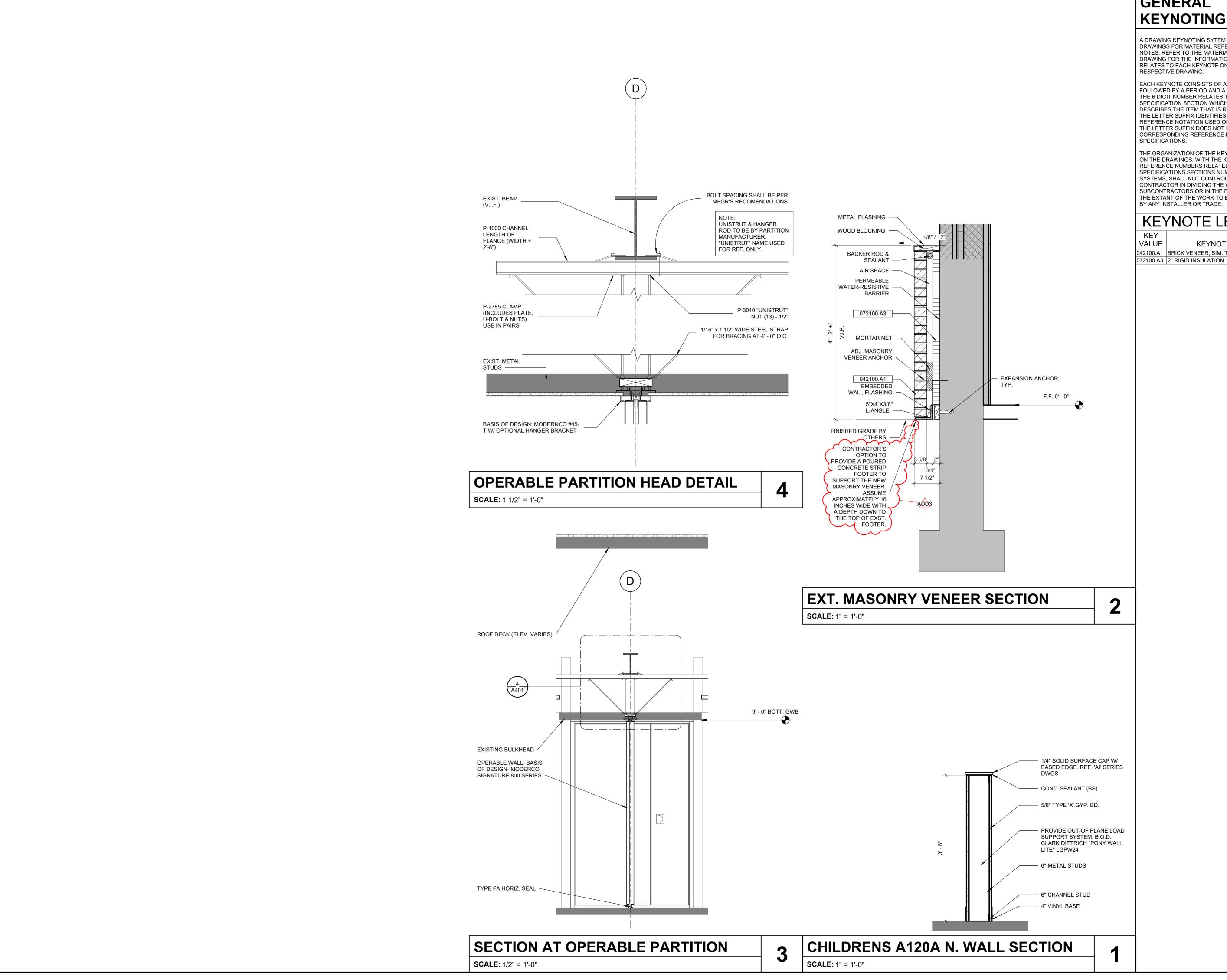












GENERAL KEYNOTING

A DRAWING KEYNOTING SYTEM IS USED ON THE DRAWINGS FOR MATERIAL REFERENCES AND NOTES. REFER TO THE MATERIAL LISTING ON THE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE ON THE RESPECTIVE DRAWING.

EACH KEYNOTE CONSISTS OF A 6 DIGIT NUMBER FOLLOWED BY A PERIOD AND A LETTER SUFFIX. THE 6 DIGIT NUMBER RELATES TO THE SPECIFICATION SECTION WHICH GENERALLY DESCRIBES THE ITEM THAT IS REFERENCED, AND THE LETTER SUFFIX IDENTIFIES THE SPECIFIC REFERENCE NOTATION USED ON THE DRAWING. THE LETTER SUFFIX DOES NOT RELATE TO ANY CORRESPONDING REFERENCE LETTER IN THE

THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THE DRAWINGS, WITH THE KEYNOTE REFERENCE NUMBERS RELATED TO THE SPECIFICATIONS SECTIONS NUMBERING SYSTEMS, SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN THE ESTABLISHING OF THE EXTANT OF THE WORK TO BE PERFORMED

KEYNOTE LEGEND

KEYNOTE TEXT 042100.A1 BRICK VENEER, SIM. TO EXST.

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24029 Project number NOV. 15, 2024

MFD Drawn by MRM Checked by MRM Designed by

Date

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WALL SECTIONS

