

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. IN CASE OF CONFLICT, MORE COSTLY REQUIREMENTS GOVERN FOR BIDDING. SUBMIT CLARIFICATION REQUEST PRIOR TO PROCEEDING WITH WORK.

ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN

EXPENSE. 3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK. UNLESS NOTED OTHERWISE, DETAILS IN STRUCTURAL DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES, OR TITLES.

4. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES: OHIO BLDG CODE AND LATEST REVISIONS REFERRED TO HERE AS "THE CODE", AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK.

5. SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING: SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS NOTED. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING PARTITIONS. SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN. FLOOR AND ROOF FINISHES. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

6. SEE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR THE FOLLOWING: PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL, OR PLUMBING FIXTURES. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR MOTOR MOUNTS.

7. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.

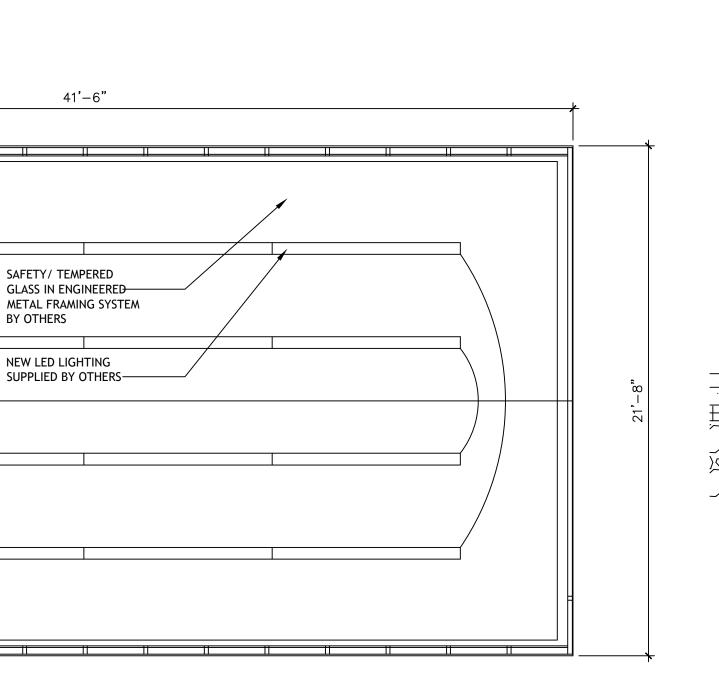
- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318, LATEST EDITION.
- 2. REINFORCED CONCRETE IS DESIGNED BY THE "ULTIMATE STRENGTH DESIGN METHOD"
- CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER. MIX DESIGN METHODS (TEST HISTORY OR TRIAL BATCH METHOD) PER ACI SECTION 5.3 SHALL BE USED TO PROPORTIÓN CONCRETE. SUBMIT MIX DESIGN METHOD DATA. IF 3-POINT CURVES ARE USED, GC TO CLEARLY IDENTIFY WHICH POINT ON CURVE IS USED AND MIX DESIGN ON 3-POINT CURVE.
- 4. SCHEDULE OF STRUCTURAL CONCRETE 28-DAY STRENGTH AND TYPES (SLUMP LISTED IS MAX): LOCATION IN STRUCTURE STRENGTH W/C RATIO <u>SLUMP</u> <u>DENSITY</u>
- FOUNDATIONS 3000 PSI 0.55 4" 145 PCF • SLABS ON GRADE 4000 PSI 0.45 4" 145 PCF

CONTRACTOR AT HIS OPTION MAY INCREASE SLUMP WITH USE OF HRWR ADMIXTURE. LIMIT SLUMP INCREASE TO 2" GREATER THAN THAT ALLOWED WITHOUT HRWRA.

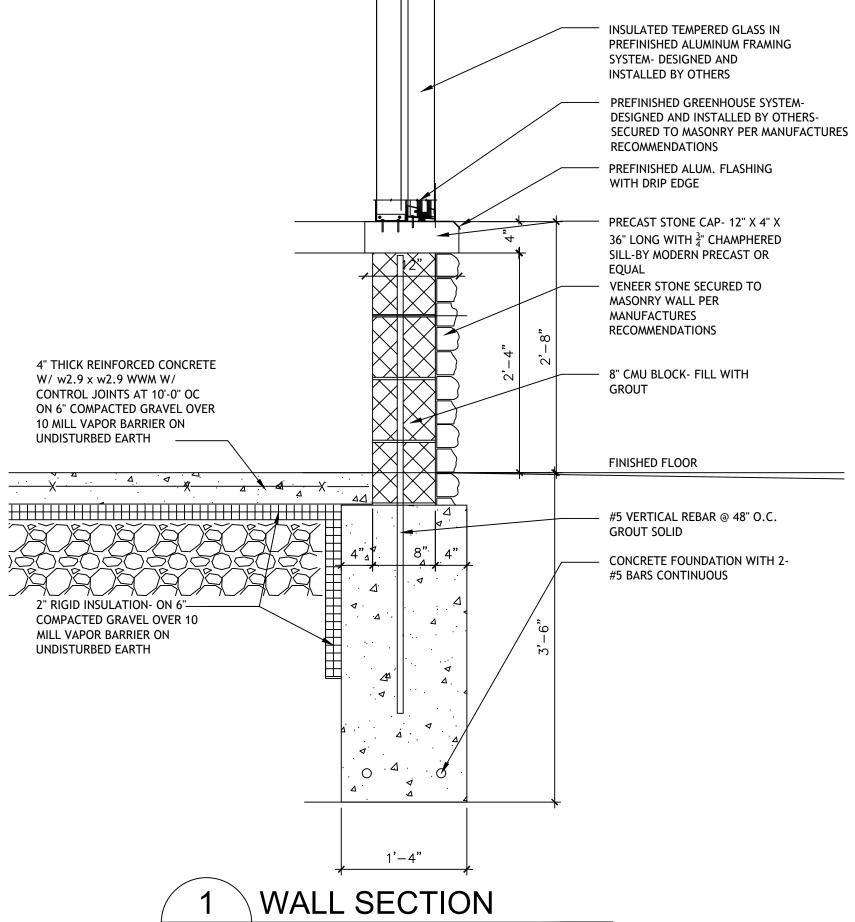
- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I OR II.
- 6. AGGREGATE FOR CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C-33 AND PROJECT
- 7. CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C-94.

SPECIFICATIONS.

- 8. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI CODE CHAPTER 5 AND
- PROJECT SPECIFICATIONS. 9. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES
- AGAINST WHICH NEW CONCRETE IS TO BE PLACED. 10. ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO
- PLACING CONCRETE. 11. CUT JOINTS FOR SLABS ON GRADE A MAXIMUM OF 12'-0" O.C., UNLESS NOTED OTHERWISE ON THE CONTRACT DOCUMENTS. CUT JOINTS WITHIN 8
- (EIGHT) HOURS AFTER PLACING CONCRETE. 12. CONCRETE EXPOSED TO THE WEATHER, FREEZE-THAW, CHEMICALS, AND OR PARKED VEHICLES SHALL CONTAIN 6% (+/-1%) ENTRAINED AIR EITHER BY USING TYPE "A" PORTLAND



LIGHTING PLAN / \bigcirc 1/4" = 1'- 0"



/ CALD 1" = 1'- 0"

OHIO BUILDING CODE 2024 W/ UPDATES OHIO PLUMBING CODE 2024 W/ UPDATES OHIO MECHANICAL CODE 2024 W/ UPDATES NATIONAL ELECTRIC CODE (NEC) CURRENT EDITION ADAAG ADA ACCESSIBLITY GUIDELINES

NEW UTILITY BUILDING- GREENHOUSE 892 S.F.

CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION NEW GREENHOUSE SECTION 304 USE GROUP U -UTILITY

CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

508.3.2 NONSEPARATED OCCUPANCIES CHAPTER 6 TYPES OF CONSTRUCTION SECTION 602 CONSTRUCTION CLASSIFICATION

CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION SECTION 706 FIRE BARRIERS

> SECTION 708 FIRE PARTITIONS 708.3 FIRE-RESISTANCE RATING. FIRE PARTITIONS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.

CHAPTER 8 INTERIOR FINISHES WALL AND CEILING FINISHES

602.3 TYPE 3B BUILDING

CLASS A: FLAME SPREAD 0-25; SMOKE-DEVELOPED 0-450 CLASS B: FLAME SPREAD 26-75; SMOKE-DEVELOPED 0-450 CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED 0-450

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

COMPLY WITH ADAAG ADA ACCESSIBLITY GUIDELINES.

TOTAL OCCUPANTS = 3 OCCUPANTS

OCCUPANT LOAD AT ACCESSORY USE-(TABLES AND CHAIRS)

SECTION 1005 EGRESS WIDTH TABLE 1005.1 EGRESS WIDTH PER OCCUPANT SERVED

3 X 0.20 = .6 INCHES REQUIRED 72 INCHES PROVIDED

892/ 300= 3 OCCUPANTS

SECTION 1004 OCCUPANT LOAD.

SECTION 1011 EXIT SIGNS 1011.1 WHERE REQUIRED. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. ACCESS TO EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN A CORRIDOR IS

MORE THAN 100 FEET OR THE LISTED VIEWING DISTANCE FOR

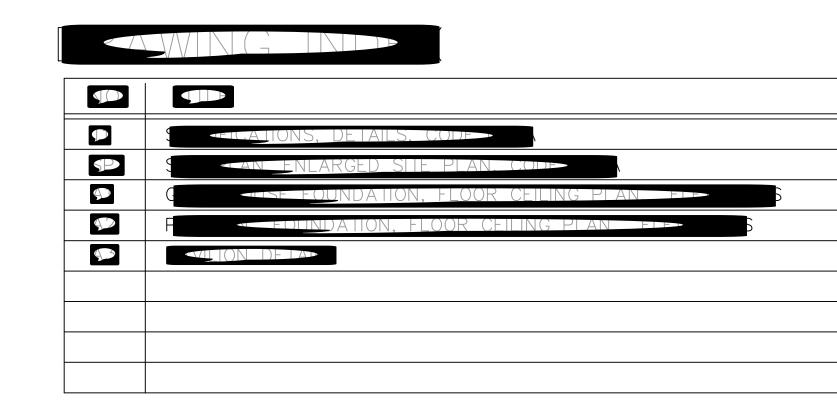
THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE

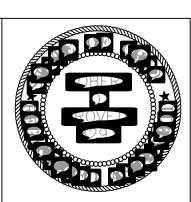
SECTION 1016 EXIT ACCESS TRAVEL DISTANCE. TABLE 1016.1 EXIT ACCESS TRAVEL DISTANCE

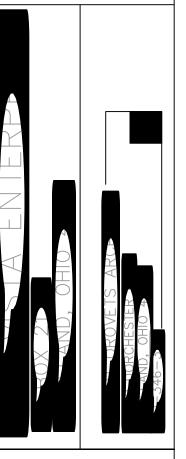
SECTION 1019 NUMBER OF EXITS AND CONTINUITY- 1 EXITS REQUIRED; 1 EXIT PROVIDED.

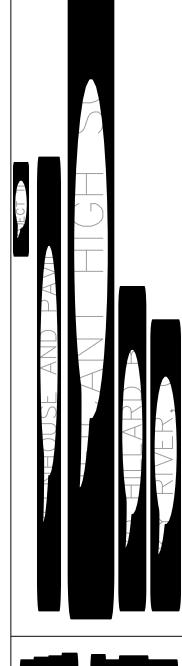
CHAPTER 29 PLUMBING SYSTEMS

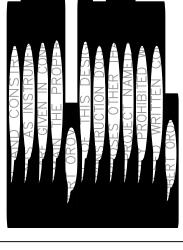
EXITING BATHROOMS, DRINKING FOUNTAINS AND JANITORS SINKS TO BE USED FOR GREENHOUSE

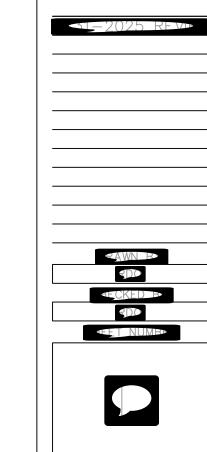


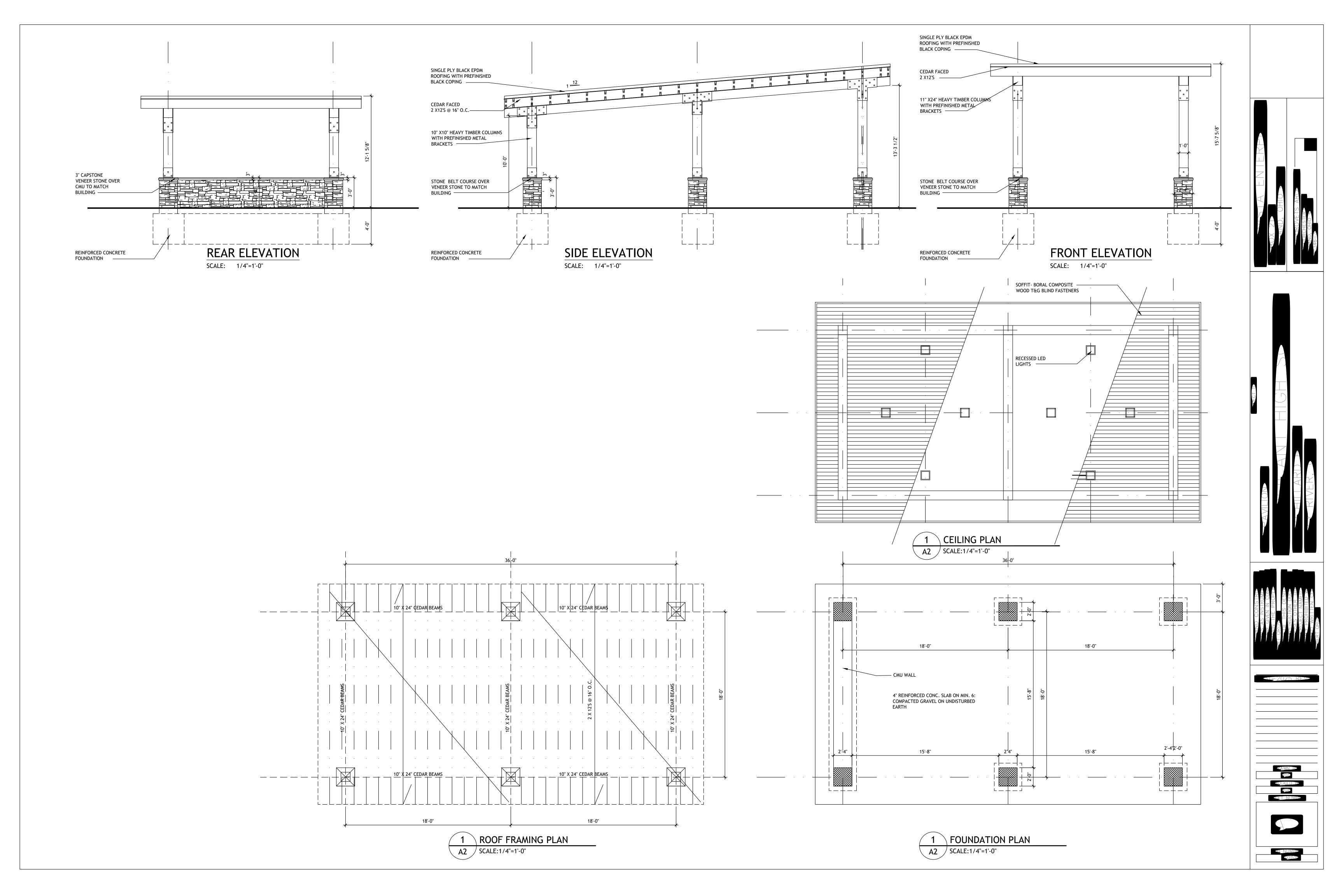


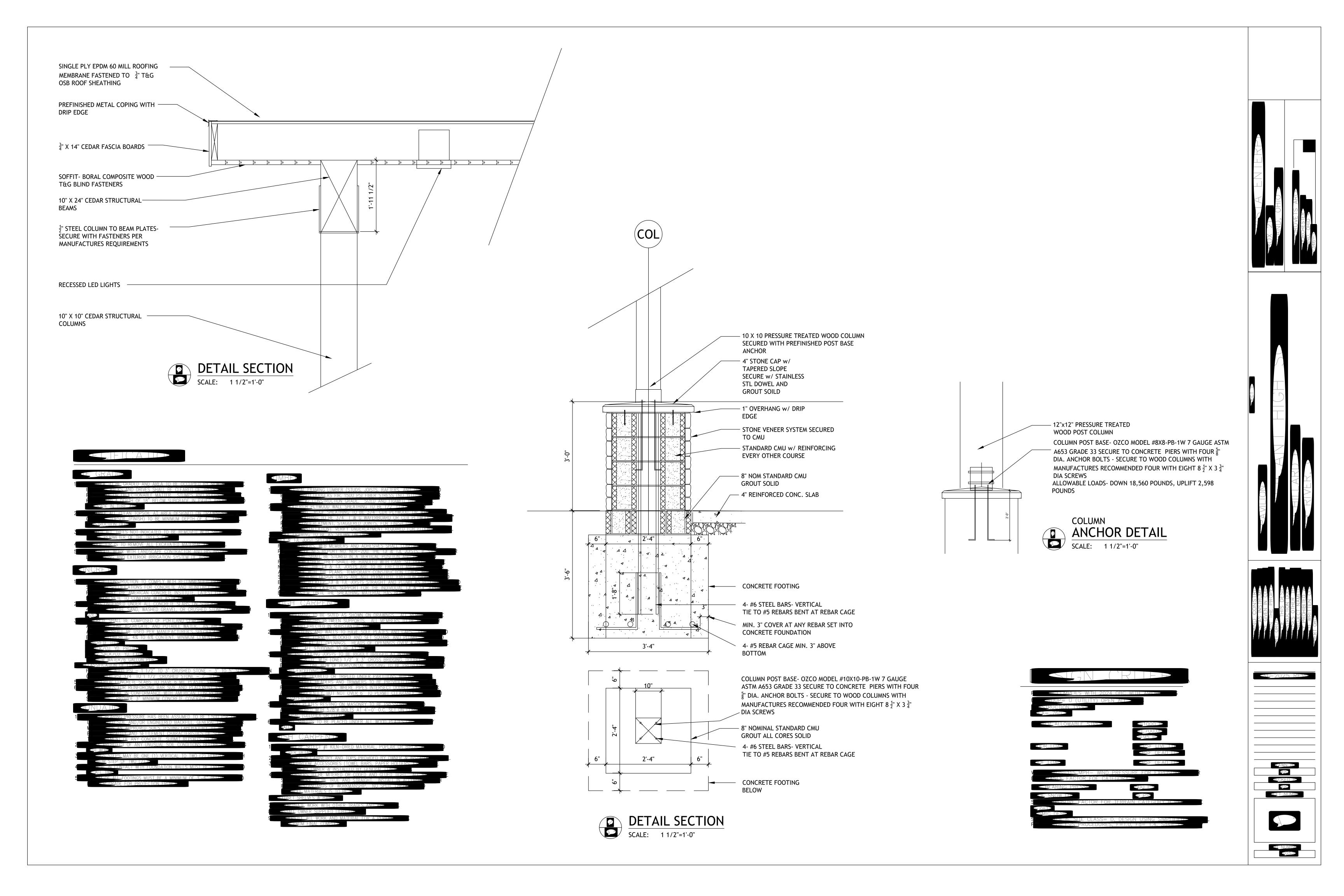




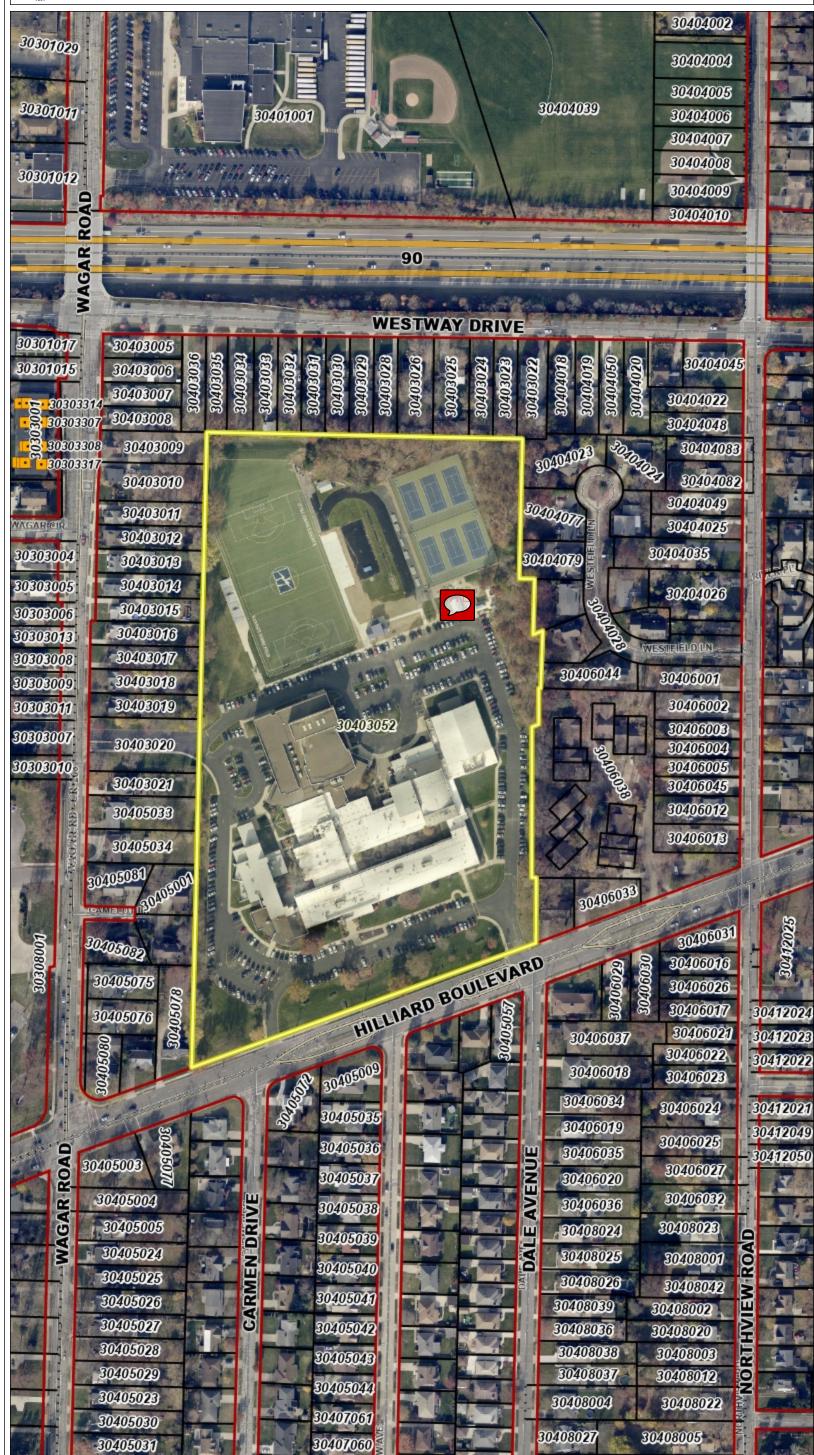








MAGNIFICAT H.S. VICINITY PLAN





Date Created: 3/3/2025

Legend

- Municipalities
- Right Of Way
- -- Platted Centerline Parcel
- --- Private Road

1: 2,400



0 200 400 Feet 400

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