Addendum No. 3 **Issued: March 25, 2026**

Project Name:	Hatboro-Horsham School District Simmons Elementary School Pool Decommissioning CHA Project No. 105392
Project Owner:	Hatboro-Horsham School District 229 Meetinghouse Road Horsham, PA 19044
Construction: Manager	CHA One East Broad St., Suite 310 Bethlehem, PA 18018

BID DUE DATE: THURSDAY, MARCH 26, 2026 @ 1:00 p.m.

*This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated **March 2026** as noted below. This addendum must be acknowledged on the Bid Form in the space provided for this purpose. Failure to so acknowledge this addendum may subject the Bidder to disqualification.*

1.0 GENERAL INFORMATION:

1.1 This addendum consists of 6 pages including the following attachments:

- 2 Pages of Revised and Reissued Specification Section 000010, "Table Of Contents".
- 1 Page of Revised and Reissued Drawing S-001, "Cover Sheet And General Notes".
- 1 Page of Revised and Reissued Drawing G-100, "First and Second Floor Plan – New"

2.0 CHANGES TO PREVIOUS ADDENDA:

2.1 None.

3.0 CHANGES TO THE BIDDING REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT:

3.3 None.

4.0 CHANGES TO THE SPECIFICATIONS:

4.1 Specification Section 000010, "Table of Contents", **DELETE** in its entirety and **REPLACE** with revised and reissued Section 000010 included with this Addendum No. 3.

5.0 CHANGES TO THE DRAWINGS:

5.1 Drawing G-100, "First and Second Floor Plan - New", ADD the Drawing G-100 included with this Addendum No. 3.

Note: This drawing was added to clarify the floor leveling scope of work within the locker room shower areas. This work is part of the Base Bid.

6.0 BIDDERS QUESTIONS:

Below are the questions received during bidding as of March 25, 2026.

6.1 Question: Sheet G-100 was removed in Addendum No. 2. This sheet had the leveling of the shower areas in both locker rooms. With sheet G-100 no longer part of the set/base bid, Alternate 2 doesn't jive in regard to the scope listed. Alternate 2 also mentions GD-100 being labeled, but it is not. Please let us know.

Answer: A revised sheet G-100 is added via this addendum. Alternate 2 is shown on GD-100 as the scope of work is the same as the Base Bid, excluding the floor leveling (G-100).

NOTE:

- ALL BIDDERS MUST indicate receipt of this Addendum on Page 2 of the Bid Form.
- **No other acknowledgement** is needed or requested to be returned as receipt of Addenda is tracked though the Sharefile service Addenda are issued through.

END OF ADDENDUM NO. 3 - 105392

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DRAWINGS

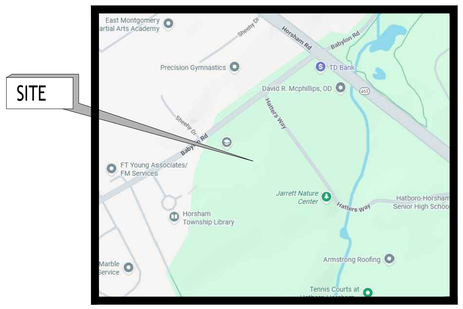
HATBORO-HORSHAM SCHOOL DISTRICT

SIMMONS ELEMENTARY SCHOOL NATATORIUM REPURPOSEMENT

411 BABYLON ROAD
HORSHAM, PA 19044
MONTGOMERY COUNTY
PENNSYLVANIA

DECEMBER 2025

CHA PROJECT NO. 105392



LOCATION MAP

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PROJECT DRAWING LIST

- S-001 COVER SHEET & GENERAL NOTES
- S-100 PLAN
- S-500 SECTIONS & DETAILS
- S-501 SECTIONS & DETAILS
- S-502 SECTIONS & DETAILS
- E-001 COVER SHEET
- ED-101 PARTIAL FLOOR PLANS - DEMO
- E-201 PARTIAL FLOOR PLANS - NEW WORK
- PD-100 PARTIAL FLOOR PLANS - DEMO
- GD-100 FIRST AND SECOND FLOOR - DEMO PLANS
- GD-101 FIRST AND SECOND FLOOR - DEMO REFLECTED CEILING PLANS
- G-100 FIRST AND SECOND FLOOR PLANS - NEW
- G-101 FIRST AND SECOND FLOOR - NEW REFLECTED CEILING PLANS

CODE NOTES

DESIGN INFORMATION

A. CODES:

1. THE INTERNATIONAL CODE COUNCIL - "INTERNATIONAL BUILDING CODE-2018"
2. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES", ASCE 7- 16
3. AMERICAN CONCRETE INSTITUTE (ACI) "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS." ACI 318, LATEST EDITION

FIELD QUALITY CONTROL

1. TESTING AGENCY: CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY TO PERFORM FIELD QUALITY CONTROL TESTING.
2. ALLOW TESTING AGENCY TO INSPECT AND TEST SUBGRADE AND EACH FILL OF BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLIES WITH REQUIREMENTS.
3. TESTING AGENCY WILL TEST COMPACTION OF SOILS IN PLACE ACCORDING TO ASTM D 1556, ASTM D 2167, ASTM D 2922 AND ASTM D 2937, AS APPLICABLE. TEST WILL BE PERFORMED AT THE FOLLOWING LOCATIONS AND FREQUENCIES:
   a) BUILDING SLAB AREAS: AT SUBGRADE AND AT EACH COMPACTED FILL AND BACKFILL LAYER, AT LEAST 1 TEST FOR EVERY 400 SQ FT OR LESS OF PAVED AREA OR BUILDING SLAB, BUT IN NO CASE FEWER THAN 3 TESTS
4. WHEN TESTING AGENCY REPORTS THAT SUBGRADE, FILLS OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED; RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
5. IF IN OPINION OF RPE, BASED ON TESTING SERVICE REPORTS AND INSPECTIONS, SUBGRADE OR FILLS THAT HAVE BEEN PLACED ARE BELOW SPECIFIED DENSITY, REPLACE MATERIAL AND PERFORM ADDITIONAL COMPACTION AND TESTING UNTIL SPECIFIED DENSITY IS OBTAINED.

TEMPORARY UTILITY RELOCATION NOTE

1. CONTRACTOR SHALL TEMPORARILY RELOCATE, SUPPORT, AND PROTECT ALL EXISTING UTILITIES (INCLUDING, BUT NOT LIMITED TO, ELECTRICAL, DATA/COMMUNICATION, FIRE ALARM, FIRE PROTECTION, PLUMBING, GAS, HVAC AND DRAIN/WASTE/VENT,) AS REQUIRED TO FACILITATE THE CONCRETE REPAIR WORK.
2. COORDINATION / PERMITS: COORDINATE ALL UTILITY SHUTDOWNS, OUTAGES, BYPASSES, AND RECONNECTIONS WITH OWNER, FACILITY OPERATIONS, AND APPLICABLE TRADES. OBTAIN ALL REQUIRED PERMITS AND APPROVALS.
3. FIELD VERIFICATION: FIELD VERIFY UTILITY LOCATIONS PRIOR TO DEMOLITION/CORE DRILLING/REPAIR WORK. UTILIZE SCANNING/LOCATING METHODS AS REQUIRED TO AVOID DAMAGE TO EXISTING UTILITIES.
4. TEMPORARY SUPPORT: PROVIDE TEMPORARY HANGERS, BRACING, AND SUPPORTS TO MAINTAIN SERVICEABILITY AND PREVENT SAGGING, DAMAGE, OR DISPLACEMENT OF UTILITIES DURING CONSTRUCTION.
5. MAINTAIN SERVICE: MAINTAIN CONTINUOUS OPERATION OF ESSENTIAL SERVICES WHERE REQUIRED. PROVIDE TEMPORARY BYPASS PIPING/CONDUIT/POWER AS NECESSARY. SCHEDULE AND LIMIT OUTAGES TO APPROVED WINDOWS.
6. PROTECTION: PROTECT UTILITIES FROM IMPACT, VIBRATION, HEAT, WATER, DEBRIS, AND CONSTRUCTION ACTIVITIES. REPAIR OR REPLACE ANY DAMAGED UTILITIES AT NO ADDITIONAL COST TO OWNER.
7. RESTORATION: UPON COMPLETION OF CONCRETE REPAIRS (AND AFTER REQUIRED CURING/STRENGTH IS ACHIEVED), RE-INSTALL AND RECONNECT UTILITIES TO ORIGINAL OR APPROVED LOCATIONS. RESTORE ALL SERVICES AND TEST FOR PROPER OPERATION.
8. SUBMITTALS: PROVIDE A TEMPORARY UTILITY RELOCATION/PROTECTION PLAN (INCLUDING OUTAGE PLAN) FOR REVIEW PRIOR TO IMPLEMENTATION, IF REQUESTED BY OWNER/ENGINEER.

POST-INSTALLED ANCHORS:

1. EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY THE FOLLOWING:
   A. HILTI INC., CONTACT HILTI AT (800)-879-8000 FOR PRODUCT RELATED QUESTIONS.
   B. SIMPSON FASTENERS, CONTACT SIMPSON AT (800)-999-5099 FOR PRODUCT RELATED QUESTIONS.
2. ANCHORAGE TO CONCRETE
   A. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
      - HILTI HIT-RE 500 V3 SYSTEM WITH HILTI HIT-Z(-R) RODS PER ICC ESR-3187.
      - SIMPSON SET-3G EPOXY-TIE ADHESIVE WITH ASTM GRADE 36 STANDARD THREADED RODS PER ICC ESR-5334.
3. REBAR DOWELING INTO CONCRETE
   A. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
      - HILTI HIT-RE 500 V3 ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3814.
      - SIMPSON SET-3G EPOXY-TIE ADHESIVE WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3298.
4. ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI, SIMPSON, OR SUCH OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTORS SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE.
5. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
6. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON SITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENT CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
7. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE OR MASONRY. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.
8. IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318, LATEST EDITION, APPENDIX D, THE FOLLOWING MINIMUM CHARACTERISTICS MUST BE ACHIEVED, UNLESS MANUFACTURER'S DOCUMENTATION PERMITS FULLY RATED INSTALLATIONS WITH ALTERNATE CHARACTERISTICS:
   B. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308;
   C. ANCHORS SHALL BE INSTALLED IN HOLES DRILLED WITH A ROTARY IMPACT DRILL OR ROCK DRILL;
   D. CONCRETE AT TIME OF ANCHOR INSTALLATION SHALL HAVE A MINIMUM
   E. COMPRESSIVE STRENGTH OF 2500 PSI;
   F. CONCRETE AT TIME OF ANCHOR INSTALLATION SHALL HAVE MINIMUM AGE OF 21 DAYS (ACI 318-11 D2.2.2);
   G. INSTALLATION SHALL FOLLOW MANUFACTURERS REQUIREMENTS BASED ON SUBSTRATE, INSTALLATION AND IN-SERVICE TEMPERATURES.
9. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, BY HILTI FERROSCAN, GPR, X-RAY, CHIPPING OR OTHER MEANS.
10. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE DRILL BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.9.2.4.

STRUCTURAL STEEL

1. DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL FRAMING IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL AND ANSI/AISC 360, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, APPLICABLE EDITIONS.
2. CONFORM TO AWS D1.1, STRUCTURAL WELDING CODE-STEEL, APPLICABLE EDITION FOR ALL WELDED CONNECTIONS.
3. ANY CONNECTIONS WITHOUT WELD SYMBOLS SHALL BE AT A MINIMUM WELDED ALL AROUND WITH THE MINIMUM FILLET OR BUTT WELD SIZE.
4. STRUCTURAL STEEL ANGLES, PLATES, ETC. SHALL CONFORM TO ASTM A36 REQUIREMENTS (36 KSI). STRUCTURAL STEEL W AND C SHAPES SHALL CONFORM TO ASTM A992 (50 KSI). STRUCTURAL TUBING AND PIPES SHALL CONFORM TO THE ASTM A500 GRADE B REQUIREMENTS (46 KSI).
5. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
   A. ALL BOLTED CONNECTIONS ARE TO BE 3/4" MINIMUM DIAMETER A325 TYPE N OR SC BOLTS IN STANDARD HOLES UNLESS NOTED OTHERWISE OR AS DETERMINED BY THE CONNECTION DESIGNER OR NOTED ON THE PLANS. DESIGN USING STANDARD HOLES UNLESS OTHERWISE NOTED OR REQUIRED FOR ERECTION.
   B. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT DETAILED, PROVIDE CONNECTION CAPACITY OF AT LEAST THAT REQUIRED BY PART 3 OF THE AISC MANUAL IN THE SECTION "MAXIMUM TOTAL UNIFORM LOAD TABLES" FOR LRFD DESIGN OR "ALLOWABLE LOADS ON BEAMS" FOR ALLOWABLE STRESS DESIGN, FOR THE GIVEN MEMBER AND STEEL SPECIFICATIONS. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
   C. THE DESIGN SHEAR FOR EACH CONNECTION UNLESS NOTED ON THE DRAWINGS SHALL BE 110% OF THE REACTION FROM A UNIFORM LOAD OVER THE SPAN WHICH CREATES THE MAXIMUM DESIGN MOMENT FOR ROOF/FLOOR BEAM CONNECTIONS AND 180% FOR COMPOSITE FLOOR CONNECTIONS. THE MINIMUM REACTION SHALL BE 14 KIPS.
   E. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER. USE MINIMUM OF TWO 3/4" DIAMETER A325 BOLTS PER CONNECTION.
7. SUBMITTALS:
   A. PRODUCT DATA OR MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR THE FOLLOWING PRODUCTS. INCLUDE LABORATORY TEST REPORTS AND OTHER DATA TO SHOW COMPLIANCE WITH SPECIFICATIONS.
      a. STRUCTURAL STEEL INCLUDING CERTIFIED COPIES OF MILL REPORTS/COVERING CHEMICAL AND PHYSICAL PROPERTIES.
      b. HIGH STRENGTH BOLTS (EACH TYPE), INCLUDING NUTS AND WASHERS; FOR INFORMATION ONLY.
      c. STRUCTURAL STEEL PRIMER PAINT.
      d. SHRINKAGE RESISTING GROUT.
   B. SHOP DRAWINGS PREPARED UNDER SUPERVISION OF A LICENSED STRUCTURAL ENGINEER, INCLUDING COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY. DUPLICATION OF CONTRACT DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED.

CONTRACTOR / OWNER NOTES

1. JOB SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. GUIDELINES FOR CONSTRUCTION SAFETY SHALL BE IN ACCORDANCE WITH, BUT NOT LIMITED TO, THE CONSTRUCTION INDUSTRY OSHA SAFETY AND HEALTH STANDARDS (1926 STANDARDS), AND ANY LOCAL ORDINANCES OR CODES THAT MIGHT APPLY. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO JOB SITE SAFETY IS NOT TO BE INTERPRETED AS APPROVAL OF JOB SITE SAFETY ASPECTS.
2. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO BEGINNING ANY WORK. IF EXISTING CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND PROVIDE AN ACCURATE SKETCH OF THE CONDITION, INCLUDING A PROPOSED MODIFICATION OR CORRECTION, FOR REVIEW AND APPROVAL.
3. THE CONTRACTOR SHALL REVIEW THE NEED FOR TEMPORARY SHORING AND BRACING PRIOR TO THE CUTTING AND/OR REMOVAL OF ANY EXISTING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE DEVELOPMENT AND COORDINATION OF THE SEQUENCE OF TEMPORARY VERTICAL AND LATERAL BRACING, SHORING, DEMOLITION, AND NEW CONSTRUCTION AS PROJECT CONDITIONS REQUIRE TO MAKE SAFE ALL STRUCTURAL ELEMENTS AND ADJACENT ELEMENTS IMPACTED BY THE PROJECT SCOPE OF WORK.
4. THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION OF THE CONCRETE SLAB HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING, FORMS, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES, UNLESS SPECIFICALLY INDICATED ON THE CONTRACT DOCUMENTS. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.
5. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR WORK DISRUPTING THE ENTRANCES AND EXITS TO THE SCHOOL. THE RE-DIRECTION, BLOCKING AND REROUTING OF PEDESTRIAN TRAFFIC MUST BE IN PLACE AND COORDINATED PRIOR TO START OF WORK.
6. TEMPORARILY RELOCATE ANY UTILITIES THAT MAY INTERFERE WITH CONCRETE REPAIRS. REFER TO "TEMPORARY UTILITY RELOCATION NOTE" ON THIS SHEET

ABANDONED INTERIOR POOL – STRUCTURAL FILL AND COMPACTION NOTES

1. SCOPE: EXISTING POOL SHALL BE ABANDONED AND INFILLED TO SUPPORT A NEW SLAB-ON-GRADE. REMOVE ALL POOL EQUIPMENT, DEBRIS, LOOSE/UNSOUND MATERIALS, AND STANDING WATER PRIOR TO FILL PLACEMENT.
2. DRAINAGE / WATER RELIEF (CLOSED VOLUME): PROVIDE MEANS TO PREVENT WATER FROM BEING TRAPPED WITHIN THE ABANDONED POOL TANK. COORDINATE WITH OWNER/PLUMBING/CIVIL TO PROVIDE AN APPROVED DRAIN CONNECTION OR RELIEF METHOD PRIOR TO FILL PLACEMENT. DO NOT ENCAPSULATE STANDING WATER OR ACTIVE INFLOW.
3. STRUCTURAL FILL MATERIAL:

   PROVIDE CLEAN, FREE-DRAINING GRANULAR STRUCTURAL FILL CONSISTING OF ONE OF THE FOLLOWING (OR APPROVED EQUAL):

   a) AASHTO NO. 57 CRUSHED STONE (PREFERRED)

   b) PENNDOT 2A MODIFIED STONE (OR LOCAL EQUIVALENT “2A”)

   c) WELL-GRADED CRUSHED AGGREGATE (GW/GP)
   FILL SHALL BE INORGANIC AND FREE OF CLAY, SILT, TOPSOIL, ORGANICS, TRASH, OR DELETERIOUS MATERIAL.
4. PLACEMENT / LIFTS: PLACE STRUCTURAL FILL IN UNIFORM HORIZONTAL LIFTS NOT EXCEEDING 8 INCHES LOOSE THICKNESS (MAX 6 INCHES IF USING SMALL PLATE COMPACTOR). DO NOT END DUMP FROM HEIGHTS THAT CAUSE SEGREGATION.
5. COMPACTION (LIMITED ACCESS): COMPACT EACH LIFT USING WALK-BEHIND VIBRATORY PLATE COMPACTOR OR RAMMER/JUMPING JACK SUITABLE FOR INTERIOR ACCESS. HEAVY ROLLERS ARE NOT REQUIRED OR PERMITTED INSIDE THE BUILDING.
6. COMPACTION CRITERIA: COMPACT STRUCTURAL FILL TO A MINIMUM OF 95% OF ASTM D698 (STANDARD PROCTOR), OR TO REFUSAL AS PRACTICAL FOR CLEAN CRUSHED STONE, USING MULTIPLE PASSES PER LIFT. REWORK AND RECOMPACT ANY AREAS EXHIBITING SETTLEMENT, RUTTING, OR INSTABILITY.
7. FINAL GRADE / SLAB SUPPORT: GRADE THE TOP OF STRUCTURAL FILL TO PROVIDE A FIRM, LEVEL WORKING SURFACE. PROVIDE A LEVELING COURSE (MAX 1"–2") OF SAND/FINES ONLY IF REQUIRED FOR FINAL GRADE/TOLERANCE; DO NOT PLACE THICK UNCOMPACTED FINES LAYERS.
8. SLAB PLACEMENT: CAST NEW SLAB-ON-GRADE PER STRUCTURAL DETAILS. PROVIDE VAPOR BARRIER BELOW NEW SLAB-ON-GRADE WHERE MOISTURE MIGRATION MAY OCCUR OR WHERE MOISTURE-SENSITIVE FLOOR FINISHES ARE INSTALLED; COORDINATE FINAL REQUIREMENT WITH ARCHITECT/OWNER. DO NOT PLACE SLAB UNTIL STRUCTURAL FILL PLACEMENT AND COMPACTION IS COMPLETE AND ACCEPTED.
9. CONSTRUCTION LOADING: DO NOT STOCKPILE MATERIALS OR APPLY HEAVY CONSTRUCTION LOADS ON PARTIALLY COMPACTED FILL. LIMIT EQUIPMENT TO WALK-BEHIND COMPACTION EQUIPMENT UNTIL SLAB IS CAST AND ACHIEVES REQUIRED STRENGTH.
10. ENGINEER NOTIFICATION: IF UNEXPECTED VOIDS, HOLLOW SOUNDING AREAS, OR WATER INFLOW IS ENCOUNTERED, STOP WORK AND NOTIFY ENGINEER FOR ADDITIONAL DIRECTION.10.

CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 (LATEST EDITION), "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS" AND ACI 318 (LATEST EDITION), "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE. SLABS ON GRADE SHALL DEVELOP A COMPRESSIVE STRENGTH OF 4,000 PSI IN 28 DAYS.
3. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".
4. CONCRETE MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW, TOGETHER WITH LABORATORY REPORTS ATTESTING THAT THE MIXES CAN ATTAIN THE MINIMUM DESIGN STRENGTH REQUIRED IN ACCORDANCE WITH CHAPTER 5 OF ACI 301 (LATEST EDITION). IF DURING CONSTRUCTION ANY CONCRETE FAILS TO MEET THE ACCEPTANCE CRITERIA, THE CONTRACTOR SHALL TAKE SUCH STEPS AS ARE DEEMED NECESSARY BY THE STRUCTURAL ENGINEER TO IMPROVE SUBSEQUENT TEST RESULTS AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL ALSO BEAR THE COST OF SPECIAL INVESTIGATION, TESTING, OR REMEDIAL WORK NECESSARY BECAUSE OF EVIDENCE OF LOW STRENGTH OR NON-CONFORMING CONCRETE OR WORKMANSHIP.
5. CONTRACTOR SHALL SUBMIT STEEL REINFORCING DRAWINGS THAT DETAIL FABRICATION, BENDING AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENTS, SPLICES AND LAPS, MECHANICAL CONNECTIONS, TIE SPACING, HOOP SPACING AND SUPPORTS FOR CONCRETE REINFORCING. A 4"x4" SQUARE AREA NEAR THE TITLE BLOCK SHALL BE RESERVED FOR THE ENGINEER'S REVIEW STAMP. THE ENGINEER'S DRAWINGS MAY NOT BE REPRODUCED IN WHOLE OR PART AS A SHOP DRAWING. SHOP DRAWINGS SHALL BE CHECKED PRIOR TO SUBMITTAL. ANY DISREGARD FOR THE AFORESAID REQUIREMENTS SHALL BE CAUSE FOR REJECTION OF THE SUBMITTAL WITHOUT REVIEW.
6. NO ADMIXTURES ARE PERMITTED WITHOUT THE ENGINEER'S WRITTEN PERMISSION OTHER THAN ENTRAINED AIR. CONCRETE EXPOSED TO THE WEATHER, SUCH AS THAT USED IN FOUNDATION WALLS, SHALL CONTAIN 4% MIN. AND 6% MAX. ENTRAINED AIR.
7. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60.
8. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185, GRADE 60, WITH A MINIMUM YIELD STRENGTH OF 75KSI AND SHALL BE SUPPLIED IN FLAT SHEETS. LAP TWO MESHES AT SIDES AND ENDS, AND WIRE TIE TOGETHER.
9. CONCRETE SLABS SHALL BE PROTECTED FROM LOSS OF SURFACE MOISTURE FOR NOT LESS THAN 7 DAYS BY USING A CURING COMPOUND CONFORMING TO ASTM C-309, BY WET BURLAP, OR A PLASTIC MEMBRANE.
10. NO WELDING OF REINFORCING BARS WILL BE PERMITTED.
11. MIXING, TRANSPORTING AND PLACING OF CONCRETE SHALL CONFORM TO ACI 301 (LATEST EDITION).
12. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL BE AS FOLLOWS: (SEE ACI 318 (LATEST EDITION) SECTION 7.7 FOR CONDITIONS NOT NOTED)

   SLABS ON GRADE (MAX) 2 INCHES (TOP)

   PROVIDE STANDARD BAR CHAIRS AND SPACERS AS REQUIRED TO MAINTAIN CONCRETE PROTECTION SPECIFIED.
13. REINFORCEMENT DESIGNATED AS "CONTINUOUS" SHALL LAP 36 BAR DIAMETERS MINIMUM AT SPLICES, UNLESS NOTED OTHERWISE:
14. SLABS WITH SHRINKAGE STEEL (WWF) SHALL HAVE CONSTRUCTION JOINTS OR CONTRACTION JOINTS IN EACH DIRECTION. CRACK CONTRACTION JOINTS SHALL BE PROVIDED, SUCH THAT THE MAXIMUM SPACING BETWEEN CONSTRUCTION AND CRACK CONTROL JOINTS DOES NOT EXCEED 15' AND DOES NOT EXCEED A LENGTH TO WIDTH RATIO 1.5:1.
15. CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PROTECT FINISHED SURFACES FROM STAINS OR ABRASIONS. NO FIRE SHALL BE ALLOWED IN DIRECT CONTACT WITH CONCRETE. PROVIDE ADEQUATE PROTECTION AGAINST INJURIOUS ACTION BY SUN OR WIND. FRESH CONCRETE SHALL BE THOROUGHLY PROTECTED FROM MECHANICAL INJURY.
16. SLUMP TESTS SHALL BE MADE PRIOR TO THE ADDITION OF PLASTICIZERS. CONCRETE FOR THE PREPARATION OF TEST CYLINDERS SHALL BE TAKEN FROM THE HOSE END FOR CONCRETE PLACED BY PUMP.
17. WATER SHALL NOT BE ADDED TO THE CONCRETE AT THE JOBSITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REQUIREMENTS OF THE CONCRETE SUPPLIER AND PUMPER TO ENSURE PUMPABLE AND WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOBSITE. THE USE OF PLASTICIZERS, RETARDANTS AND OTHER ADDITIVES SHALL BE AT THE OPTION OF THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER. FOLLOW THE RECOMMENDATIONS OF THE MANUFACTURER FOR PROPER USE OF RETARDANTS AND OTHER ADDITIVES. USE OF CALCIUM E CHLORIDE OR OTHER CHLORIDE BEARING SALTS SHALL NOT BE PERMITTED.
18. PLACE CONCRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. DELAY FLOATING AND TROWELING OPERATIONS UNTIL THE CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE SLABS SURFACE WATER. FINISHING OF SLAB SURFACES SHALL COMPLY WITH ACI RECOMMENDATIONS 302 AND 304 (LATEST EDITION) FOR GARAGES.
19. CONTRACTION JOINTS, IF SAW CUT, SHALL MEET THE FOLLOWING REQUIREMENTS:

   JOINT DEPTH: 1/4 OF SLAB THICKNESS
   SOFT-CUT SAW: JOINTS TO BE CUT WITHIN 2 HOURS OF FINISHING
   WET-CUT SAW: JOINTS TO BE CUT BETWEEN 4 AND 12 HOURS AFTER FINISHING.
20. PROVIDE POUR STOP MATERIAL WHERE NOT INDICATED ON PLAN AS REQUIRED TO COMPLETE JOB.
21. TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C172 SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
   a. OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAYS POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YDS BUT LESS THAN 25 CU YDS., PLUS ONE SET FOR EACH ADDITIONAL 50 CU YD OR FRACTION THEREOF.
   b. CONCRETE SLUMP, AIR CONTENT AND TEMPERATURE SHALL BE TAKEN AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE. PERFORM ADDITIONAL TEST WHEN CONSISTENCY APPEARS TO CHANGE.
   c. COMPRESSION TEST SPECIMENS SHALL BE PER ASTM C31 REQUIREMENTS. CAST AND CURE ONE SET OF FIVE STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
   d. COMPRESSION STRENGTH TEST SHALL BE PER ASTM C39. TEST TWO LABORATORY-CURED SPECIMENS AT 7 DAYS AND TWO SPECIMENS AT 28 DAYS. MAINTAIN AND CURE ONE FIELD CURED SPECIMEN FOR 56 DAYS OR LONGER AT THE REQUEST OF THE ENGINEER.
22. REQUIRED VERIFICATION, TESTING , AND SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE PA UCC AND THE 2018 IBC, CHAPTER 17, AS FOLLOWS:
   a) CONCRETE: SPECIAL INSPECTIONS OF CONCRETE CONSTRUCTION SHALL COMPLY WITH 2018 IBC TABLE

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BID SET
NOT FOR
CONSTRUCTION

SIMMONS ELEMENTARY
SCHOOL NATATORIUM
REPURPOSEMENT

No.	Submittal / Revision	Apv	By	Date
3	ADDENDUM #3			3/25/26
2	ADDENDUM #2			3/13/26
1	ADDENDUM #1			3/6/26
	BID SET			3/3/26

COVER SHEET
AND
GENERAL NOTES

Designed By:	Drawn By:	Checked By:
AM	SGY	PMG
Issue Date:	Project No.:	Scale:
12/05/2025	105392	NOTED

Drawing No.:

S-001

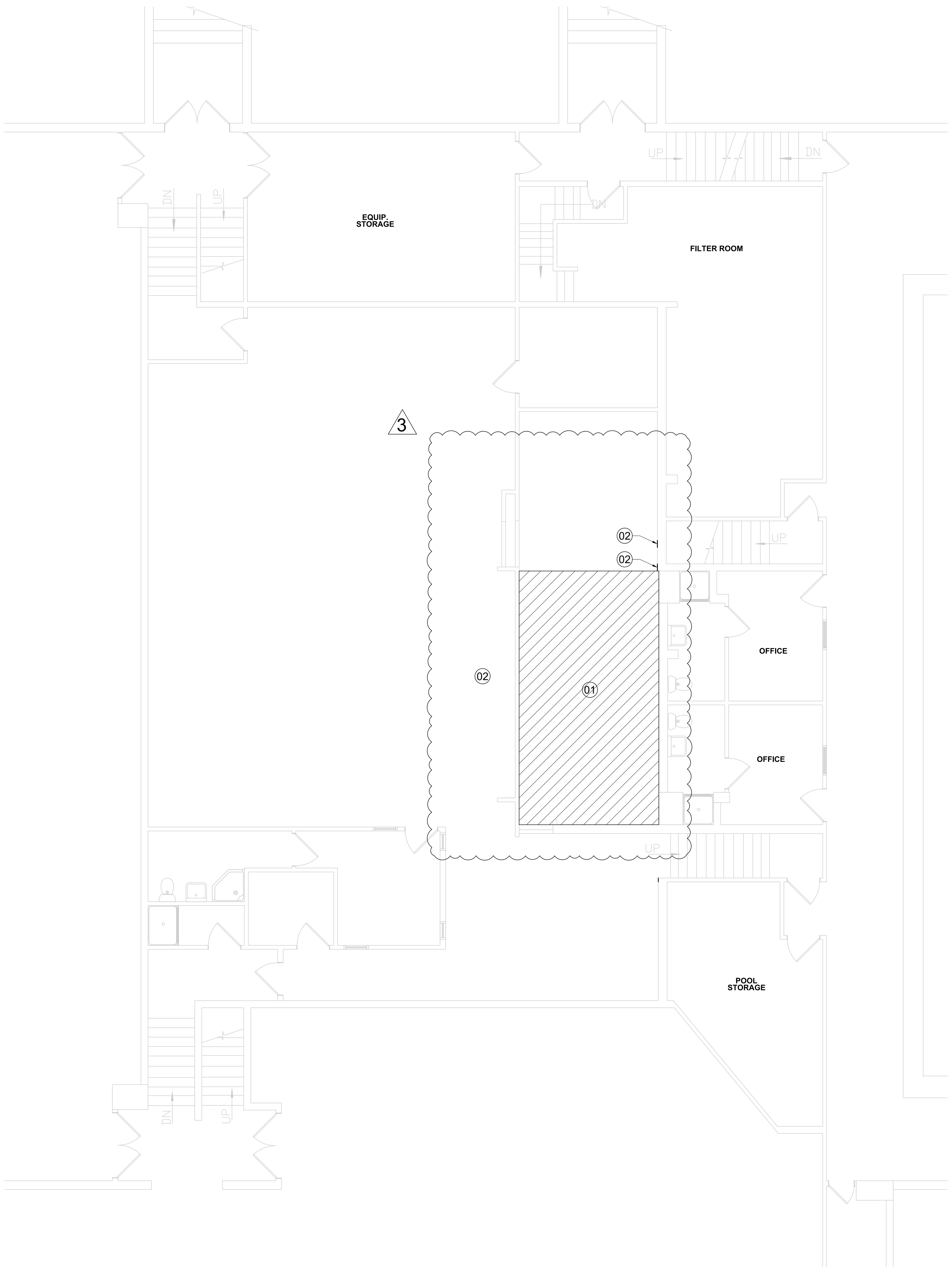
Sheet 1 of 5

3

NEW WORK NOTES:

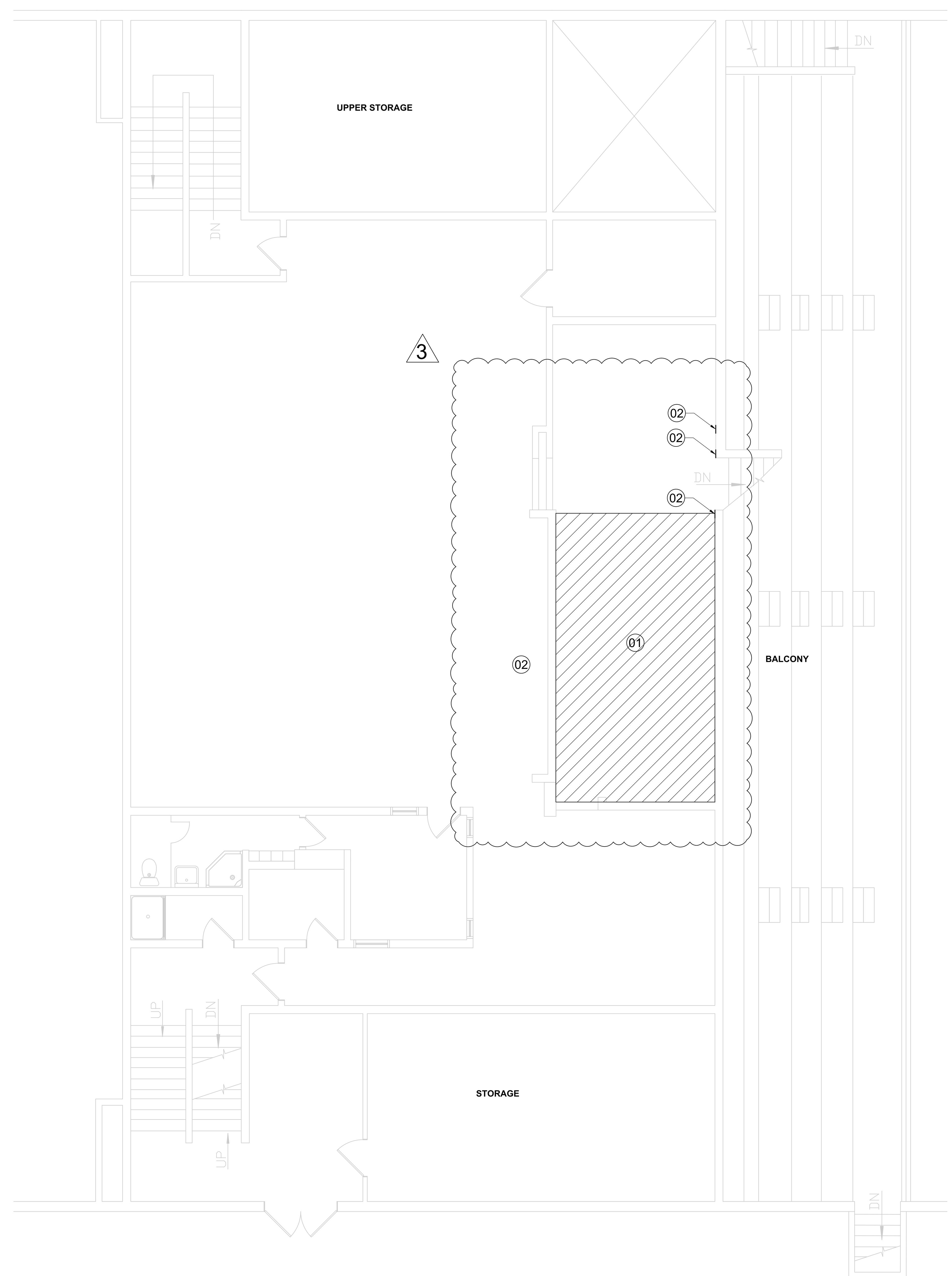
01 CONTRACTOR TO LEVEL FLOORS IN SHOWER AREAS TO MATCH LOCKER ROOM FLOOR ELEVATION

02 CONTRACTOR TO PATCH AND PAINT



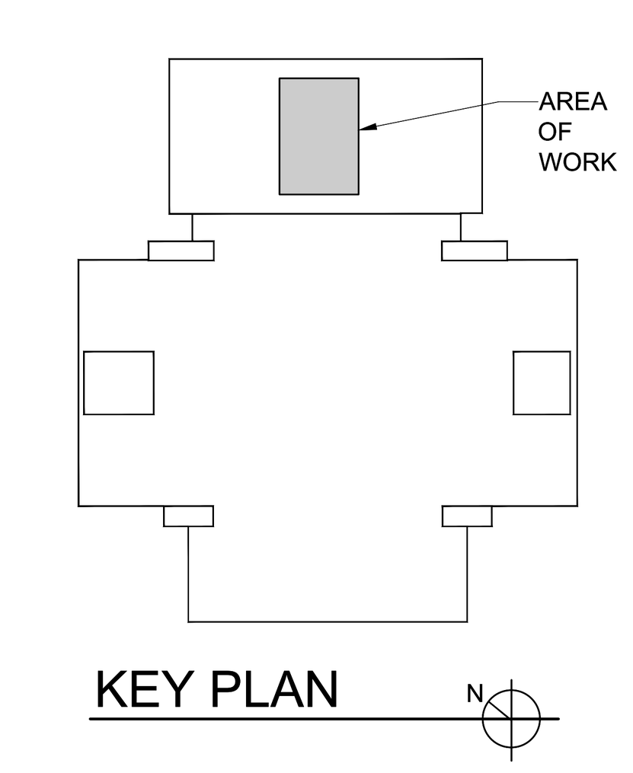
PARTIAL FIRST FLOOR PLAN - NEW WORK

SCALE: 3/16" = 1'-0"



PARTIAL SECOND FLOOR PLAN - NEW WORK

SCALE: 3/16" = 1'-0"



KEY PLAN

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SIMMONS ELEMENTARY SCHOOL NATATORIUM REPURPOSEMENT

No.	Submittal / Revision	Apv	By	Date
3	ADDENDUM #3			3/25/26
	BID SET			3/3/26

FIRST AND SECOND FLOOR PLANS - NEW

Designed By:	Drawn By:	Checked By:
MRF	MRF	TS
Issue Date:	Project No.:	Scale:
03/04/2026	105392	NOTED

Drawing No.:

G-100

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