



ANNEX G - DRAWINGS

DRAWING S1 – SITE AND LOCATION PLAN

DRAWING S2 – DEMOLITION PLAN

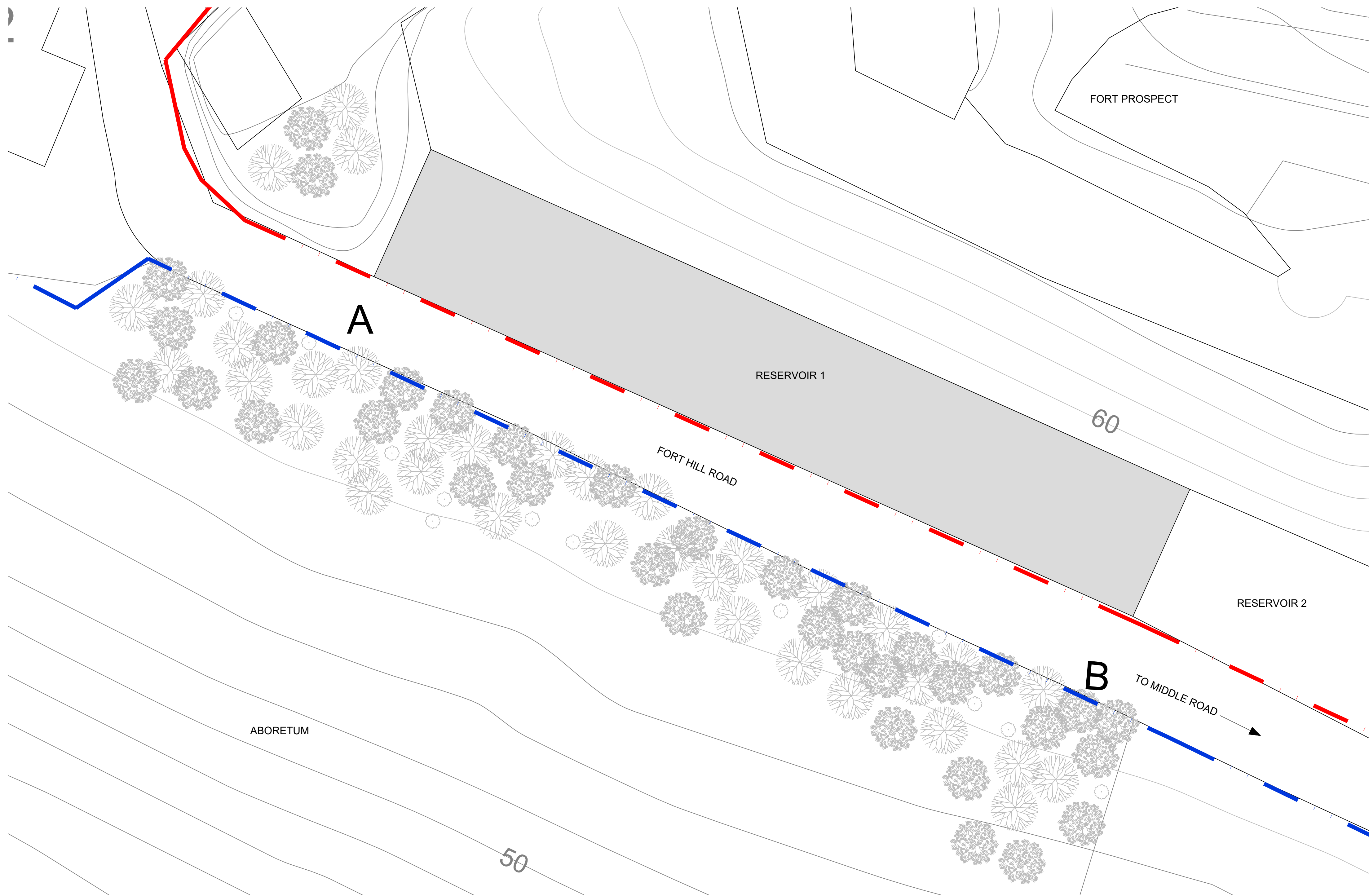
DRAWING S3 – FLOOR AND ROOF PLANS

DRAWING S4 – SECTIONS

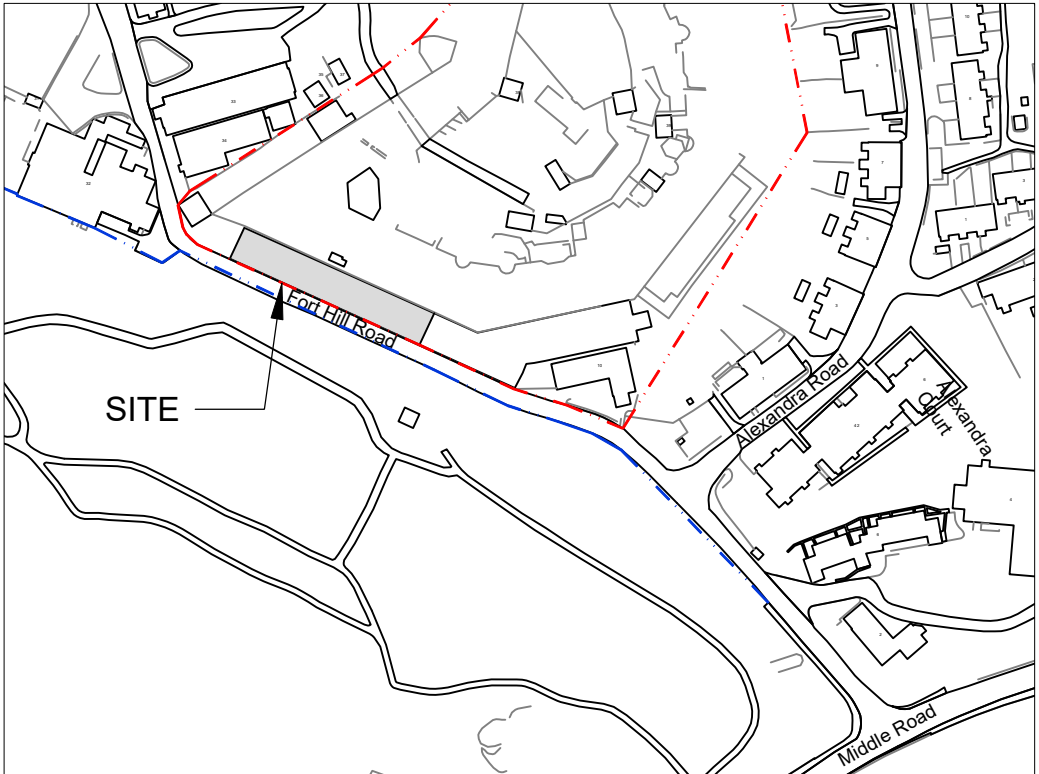
DRAWING S5 – REINFORCING PLAN AND DETAILS

DRAWING S6 – STAIR AND HATCH DETAILS

DRAWING S7 – NOTES



SITE PLAN
Scale: 1/16" = 1'-0"



LOCATION PLAN
Scale: 1:2500

DRAWING LIST	
S1	SITE AND LOCATION PLANS
S2	DEMOLITION PLAN
S3	FLOOR PLAN
S4	SECTION
S5	REINFORCING PLAN AND DETAILS
S6	STAIRS
S7	NOTES



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GOVERNMENT OF BERMUDA
MINISTRY OF PUBLIC WORKS
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GENERAL POST OFFICE BUILDING
3RD FLOOR, 56 CHURCH STREET
HAMILTON HM12
BERMUDA

ISSUED FOR
CONSTRUCTION

IMPORTANT NOTES

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DATE	MAL ENGINEER	COMMENTS	INSPECTION

REVISIONS

No.	DATE	BY	REVISION

PROJECT DETAILS

RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE
SITE AND LOCATION PLAN

DRAWN BY: KJH / CKL

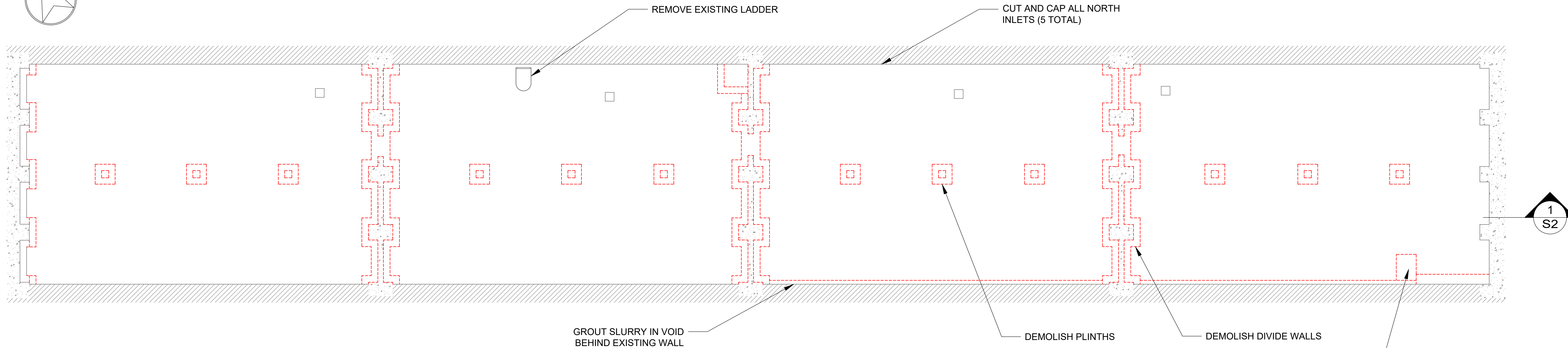
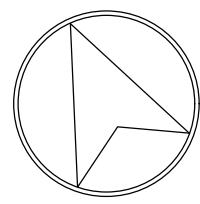
CHECKED BY: KJH

JOB No: 15689

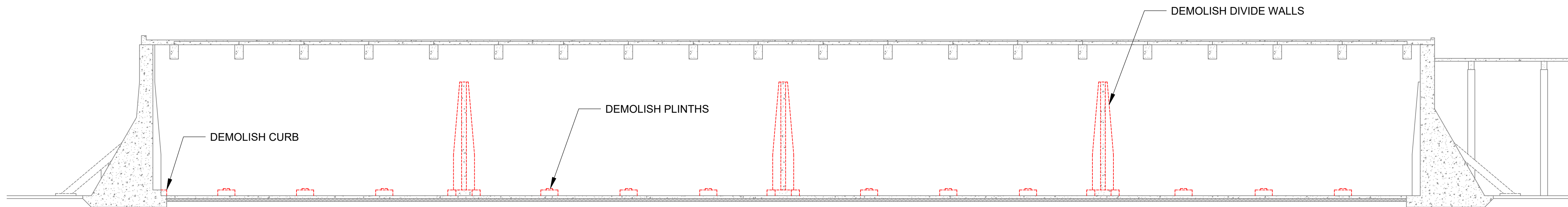
DATE: FEBRUARY 09, 2026

REVISION: SHEET No:

S1



DEMOLITION PLAN
Scale: 1/8" = 1'-0"



1 SECTION
Scale: 3/32"=1'-0"

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PROJECT DETAILS

RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE

DEMOLITION PLAN

DRAWN BY: KJH / CKL

CHECKED BY: KJH / RR

JOB No: 15689

DATE: FEBRUARY 09, 2026

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S2



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PROJECT DETAILS

RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE

FLOOR AND ROOF PLANS

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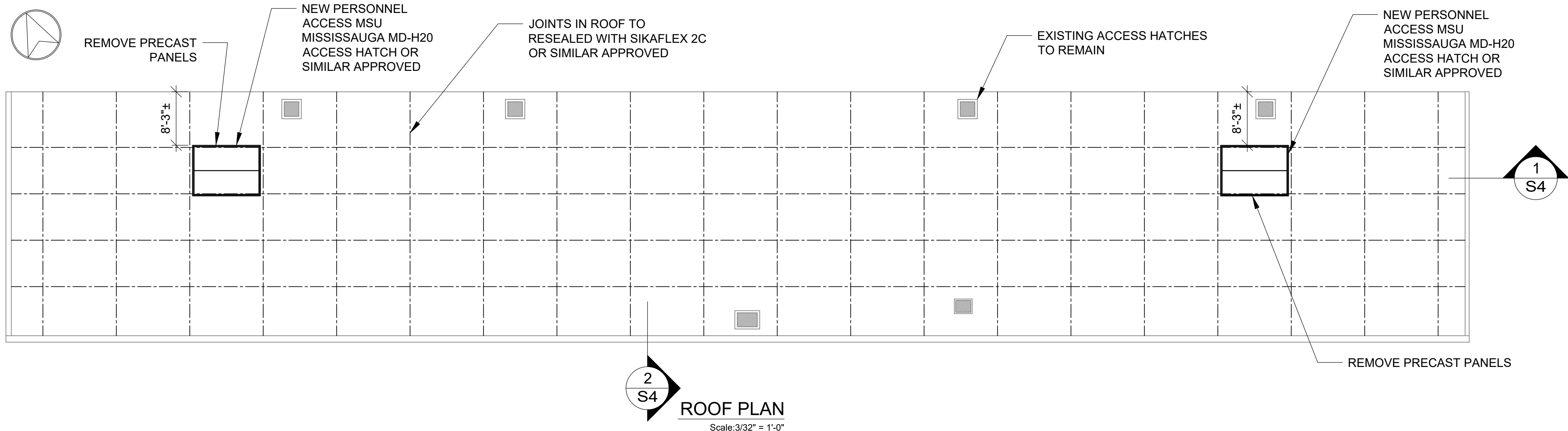
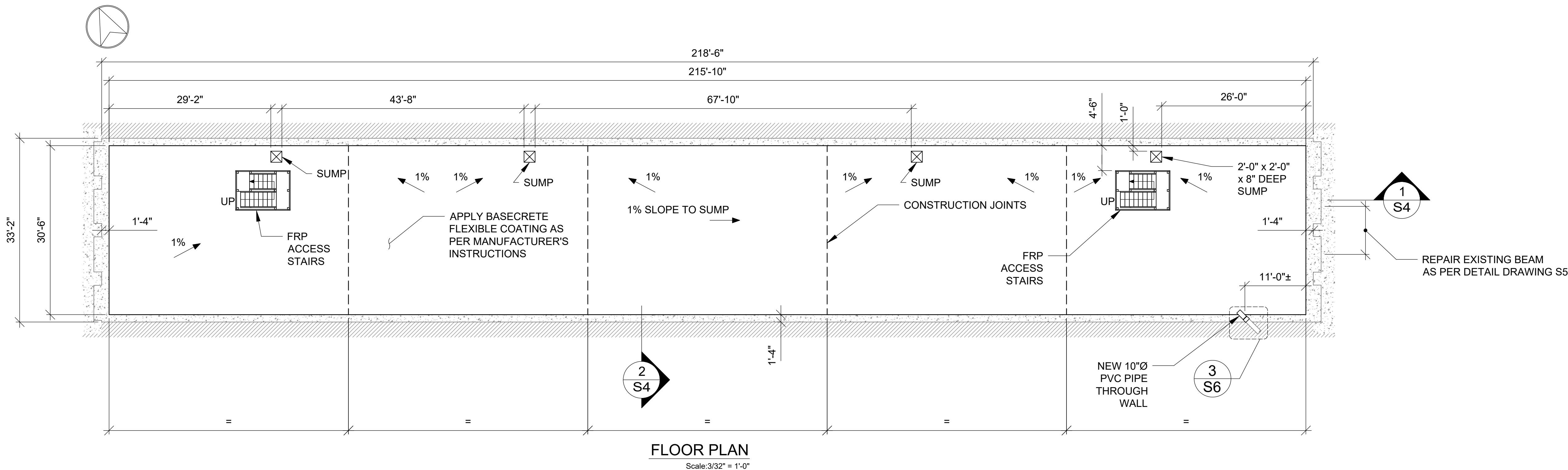
JOB No: 15689

DATE: FEBRUARY 09, 2026

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SHEET No:

S3



1	2	1	2	1
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WALL AND SLAB CONSTRUCTION SEQUENCE



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PROJECT DETAILS

RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE
SECTIONS

DRAWN BY: KJH / CKL

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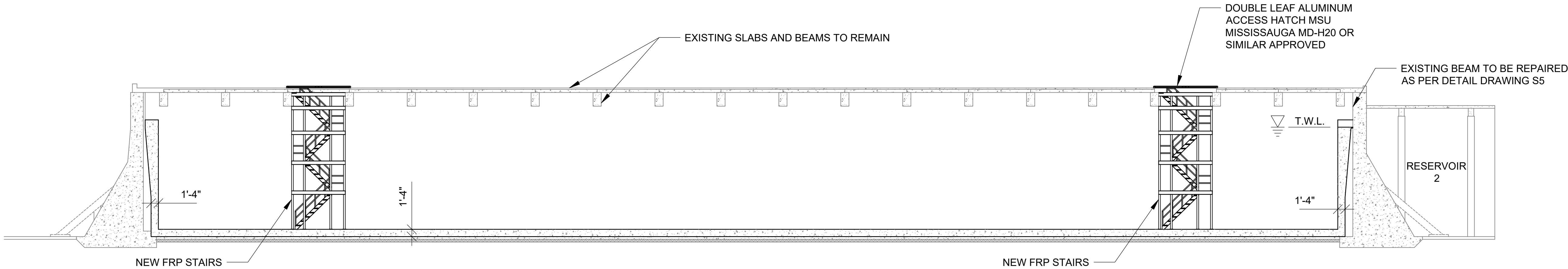
JOB No: 15689

DATE: FEBRUARY 09, 2026

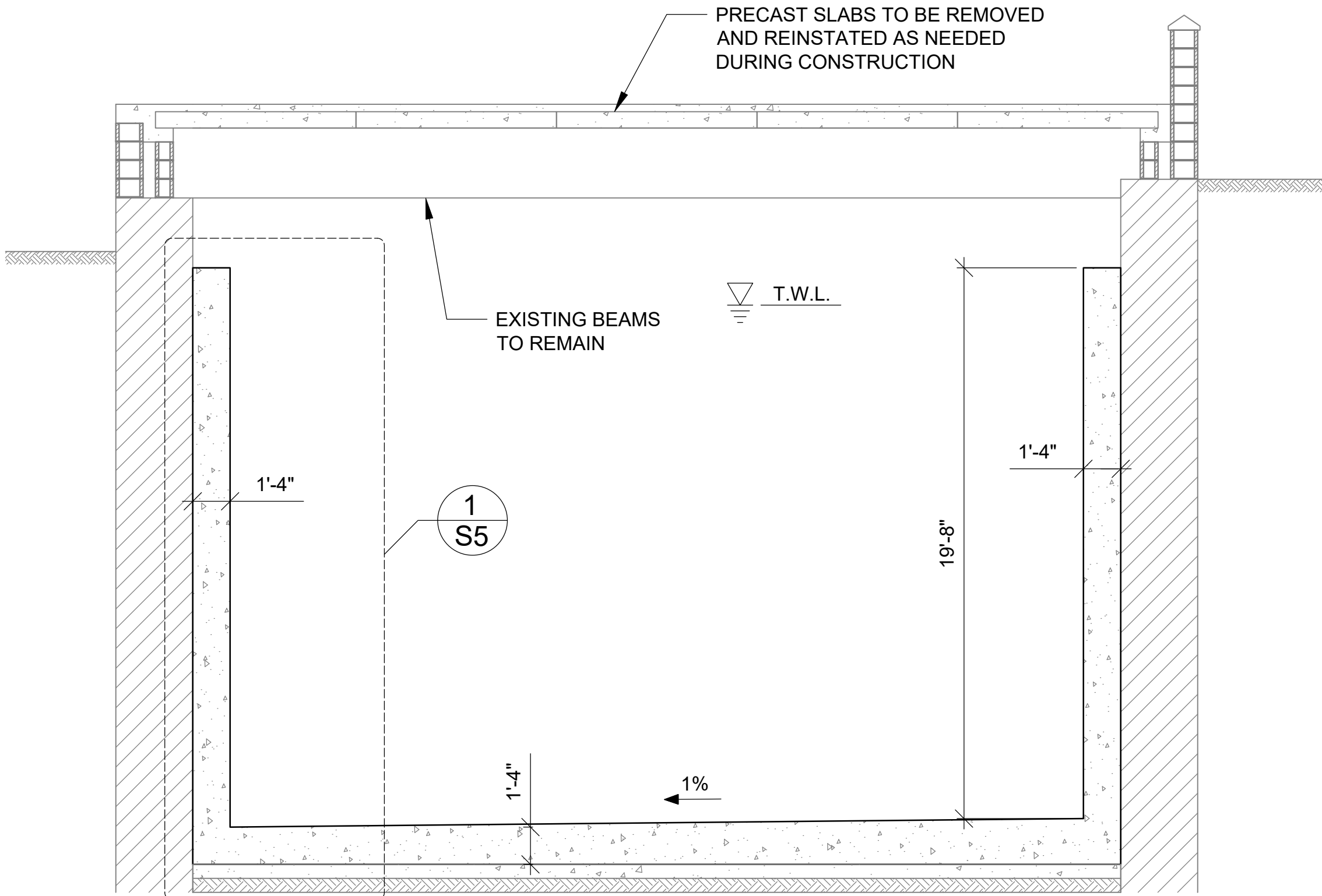
REVISION:

SHEET No:

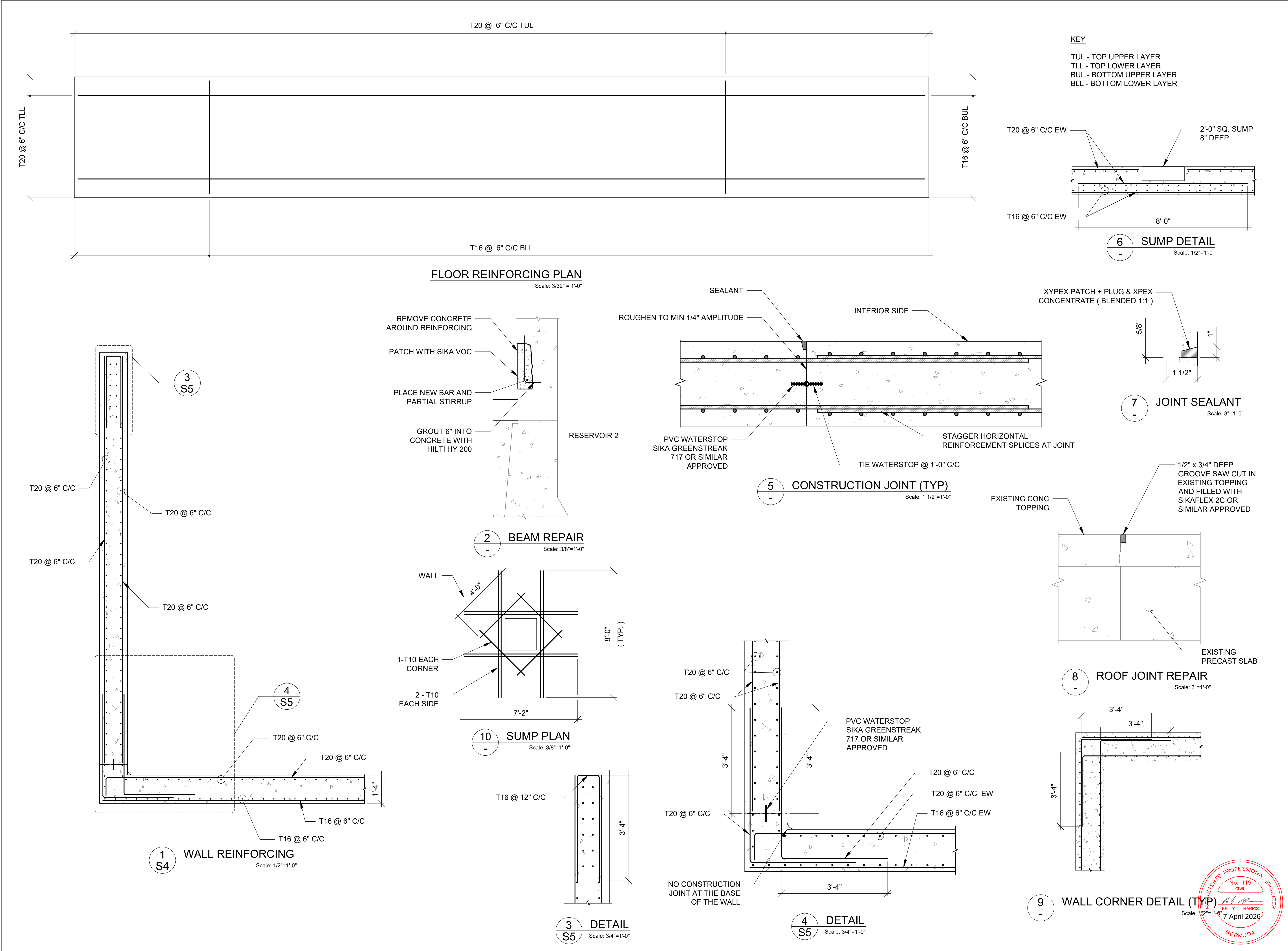
S4



1 SECTION
S3 Scale: 3/32"=1'-0"



2 SECTION
S3 Scale: 3/32"=1'-0"

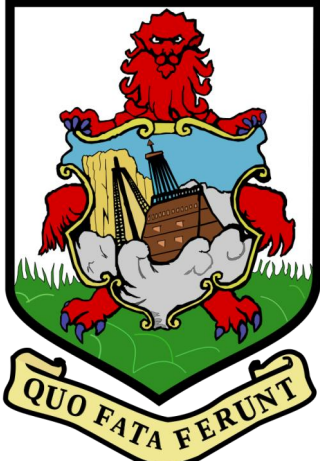


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RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE

REINFORCING PLAN
AND DETAILS

DRAWN BY: KJH / CKL

CHECKED BY: KJH / RR

JOB No: 15689

DATE: FEBRUARY 09, 2026

REVISION:

SHEET No:

S5

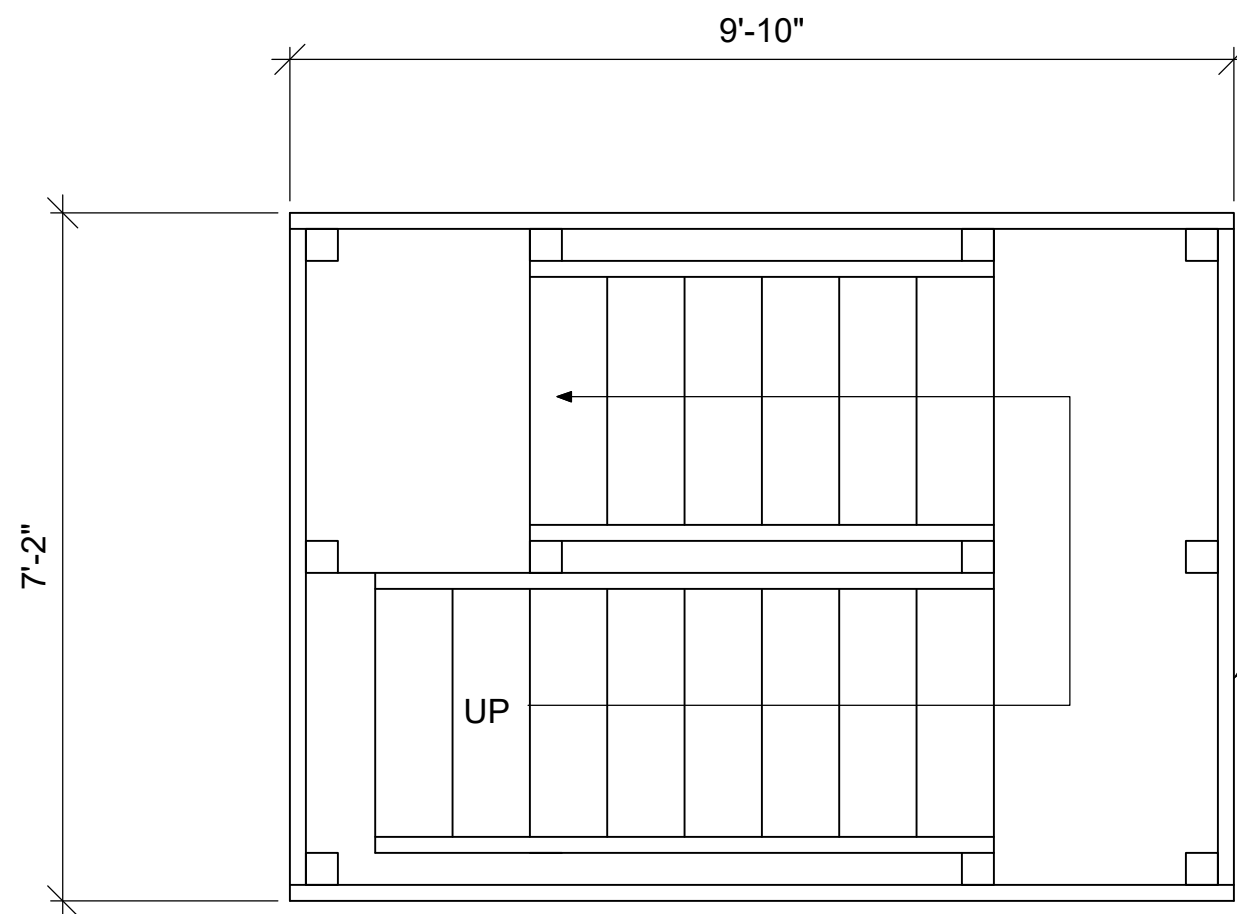
REGISTERED PROFESSIONAL ENGINEER

No. 119
CWL

KELLY J. HARRIS

7 April 2026

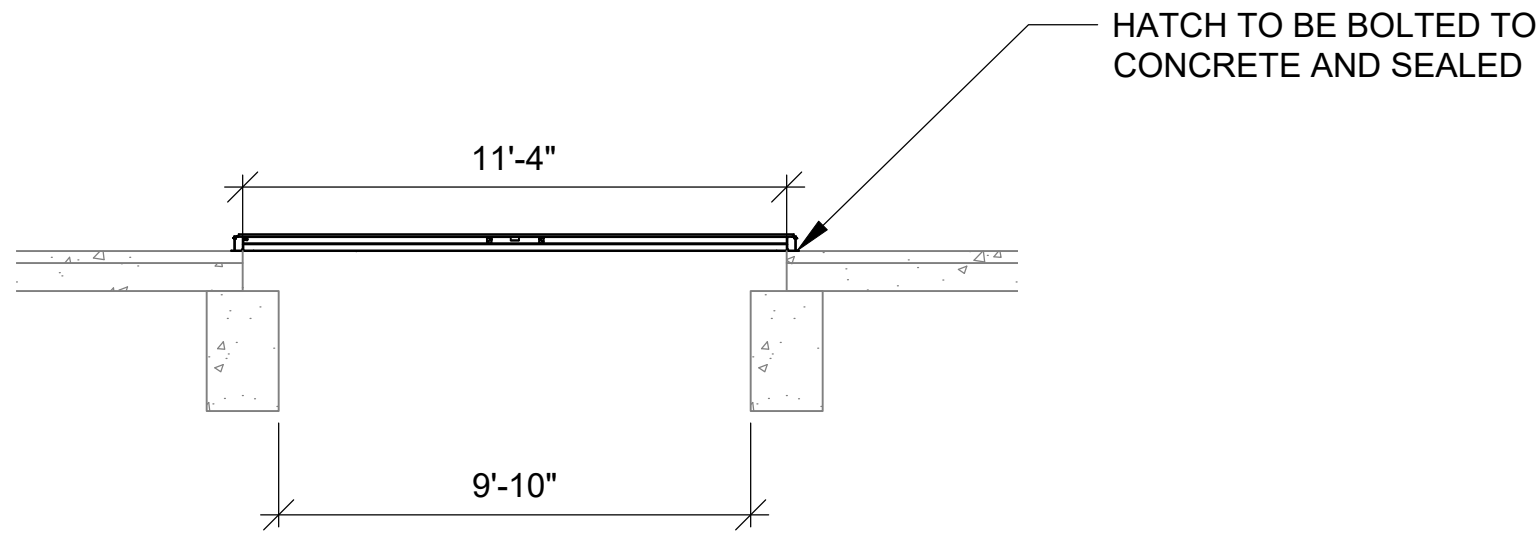
BERMUDA



STAIR PLAN

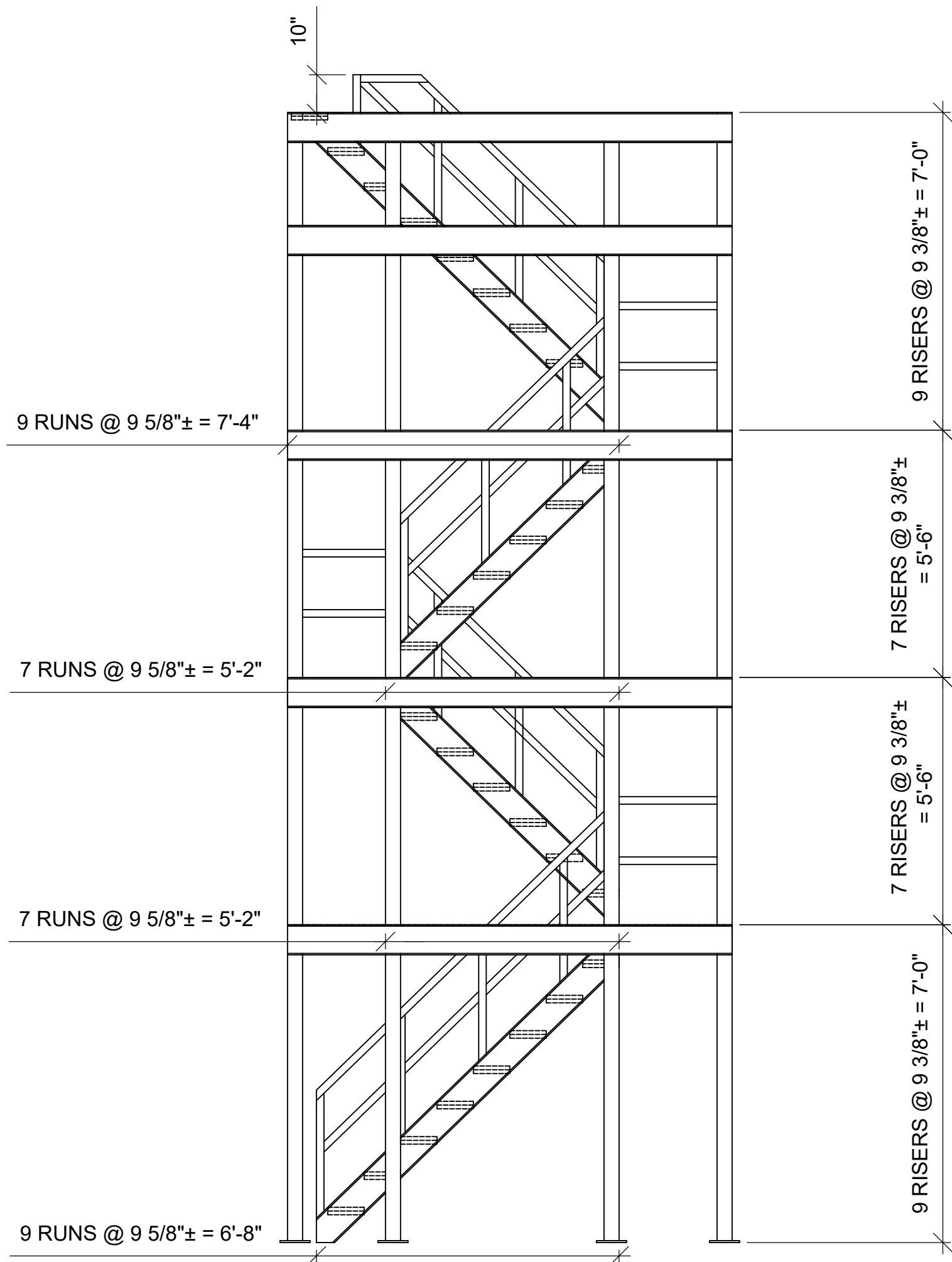
Scale: 1/2" = 1'-0"

BEDFORD REINFORCED PLASTICS
FRP STAIR TOWER CONSTRUCTED
WITH PROFORMS STRUCTURAL
FRP SECTIONS
(OSHA COMPLIANT AND NSF 61
CERTIFIED)



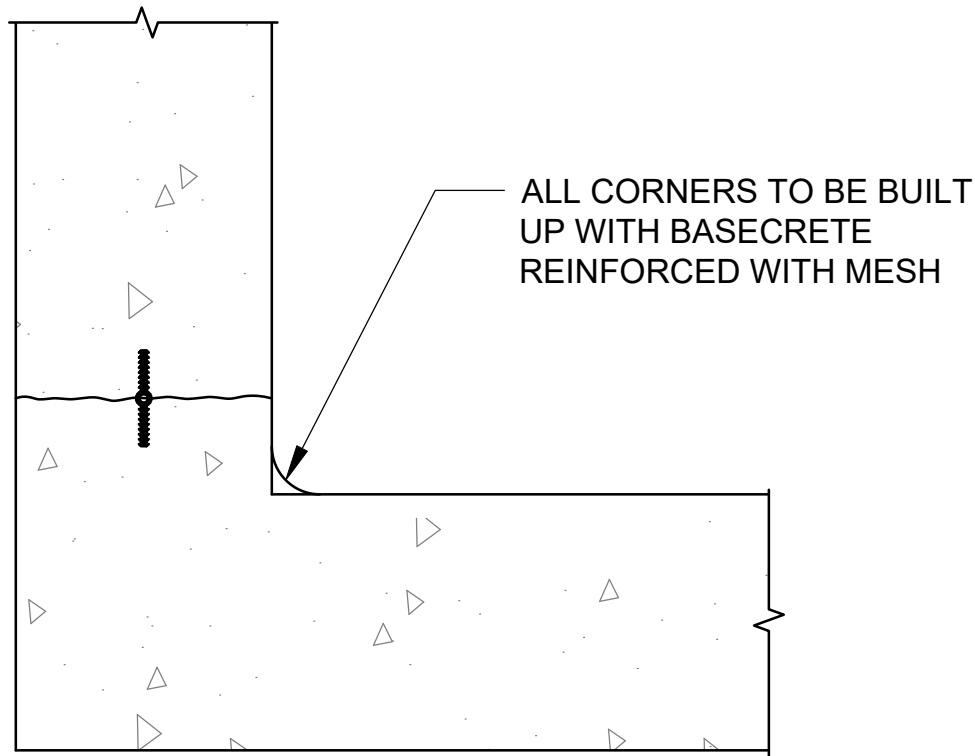
HATCH SECTION

Scale: 1/4" = 1'-0"



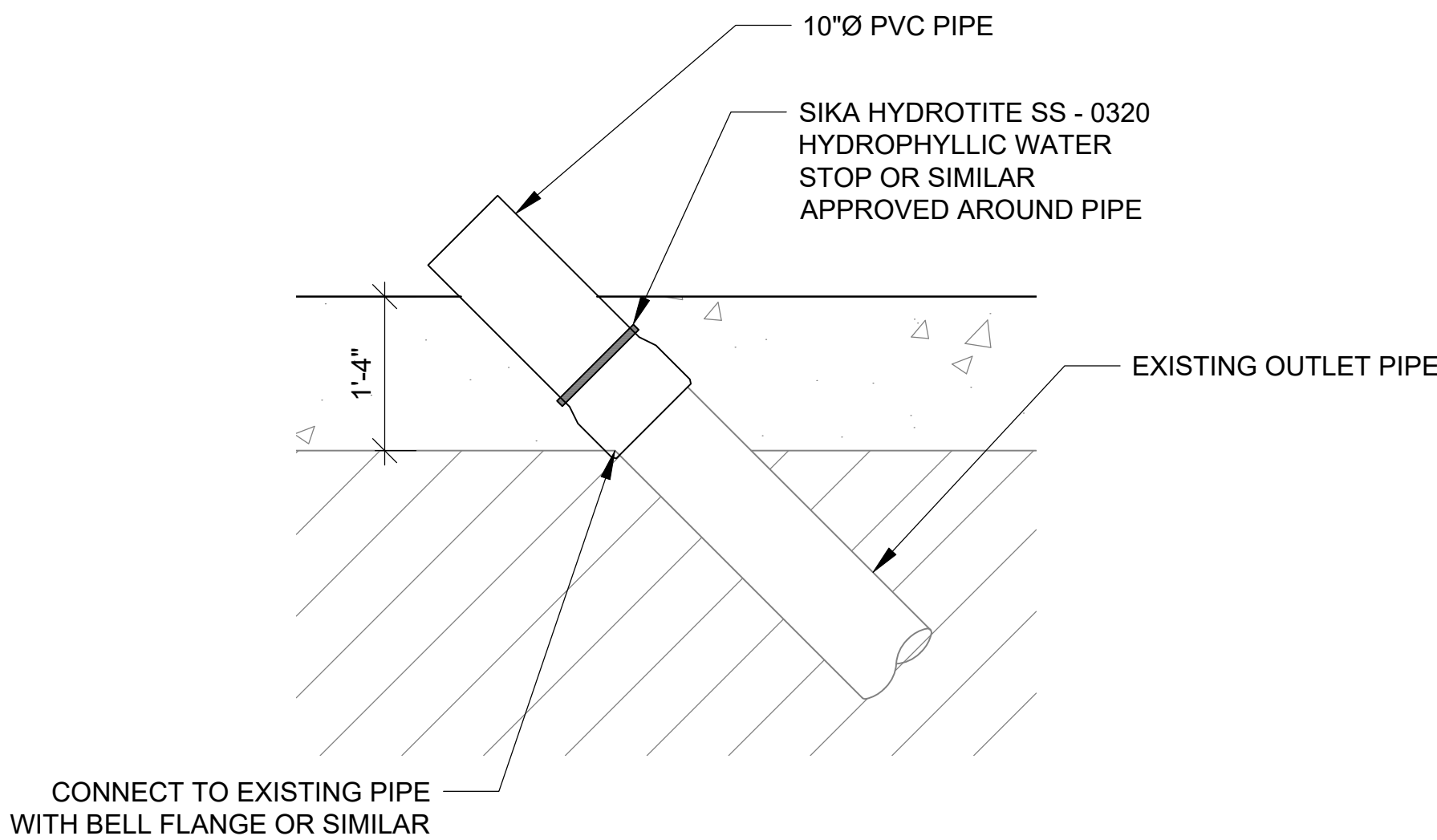
STAIR ELEVATION

Scale: 3/8" = 1'-0"



1 CORNER COVES

Scale: 1"=1'-0"



3 S3 OUTLET PIPE

Scale: 3/4"=1'-0"



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RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

TITLE

STAIR AND HATCH DETAILS

DRAWN BY: KJH / CKL

CHECKED BY: KJH

JOB No: 15689

DATE: FEBRUARY 09, 2026

REVISION:

SHEET No:

S6

GENERAL NOTES

1. THESE NOTES APPLY TO ALL DRAWINGS AND ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
2. WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS IT SHALL BE BOUGHT TO THE ENGINEER'S ATTENTION.
3. DO NOT SCALE THE DRAWINGS. IF CRITICAL DIMENSIONS ARE OMITTED THE ENGINEER WILL PROVIDE UPON REQUEST.
4. ALL DETAILS AND ARRANGEMENTS OF EXISTING CONDITIONS, DIMENSIONS AND DETAILS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONFLICTS AND DISCREPANCIES ARE TO BE BOUGHT TO THE ENGINEER'S ATTENTION.
5. CONTRACTOR TO MAKE GOOD ANY DAMAGES CAUSED TO THE SITE RESULTING FROM THE WORKS, REPAIRING TO MATCH EXISTING OR AS APPROVED BY THE OWNER.
6. CONTRACTOR SHALL SUBMIT A WORK PLAN ON REQUEST.
7. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR TO COMPLETE THE WORK, UNLESS OTHERWISE INDICATED.
8. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN DEVELOPED IN ACCORDANCE WITH APPLICABLE BUILDING CODES, LATEST APPROVED EDITION.
9. THE OWNER'S REPRESENTATIVE SHALL BE GIVEN A MINIMUM OF 24 HOURS PRIOR NOTICE FOR ANY INSPECTIONS OF THE WORK. NO WORK SHALL BE COVERED UP UNTIL SUCH TIME AS THE OWNER'S REPRESENTATIVE HAS APPROVED THE WORK.
10. THE CONTRACTOR SHALL ARRANGE AND COORDINATE IN A TIMELY MANNER ALL NECESSARY INSPECTIONS BY REGULATORY AGENCIES.
11. THE CONTRACTOR SHALL PROVIDE COMPETENT SUPERVISORY STAFF AT ALL TIMES DURING THE WORK. TRADESMEN ARE TO BE SKILLED AND QUALIFIED FOR THE TASKS ASSIGNED.
12. CONTRACTOR SHALL PROVIDE ALL SAFETY EQUIPMENT AND GEAR TO CONFORM TO THE NATIONAL HEALTH & SAFETY REGULATIONS APPLICABLE TO BERMUDA.
13. THE CONTRACTOR SHALL COORDINATE ALL SUB TRADES AND SUPPLIES AND DELIVERIES TO THE SITE AND SHALL BE RESPONSIBLE FOR THEIR SAFE KEEPING ONCE ON SITE.
14. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND FAMILIARIZE HIMSELF WITH THE SCOPE OF WORK.
15. CONFINE ALL BUILDING OPERATIONS TO THE IMMEDIATE JOB SITE KEEPING SIDEWALKS CLEAR AND UNOBSTRUCTED AT ALL TIMES. JOB SITE SHALL BE KEPT FREE OF ACCUMULATED DEBRIS AND TRASH. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF PROMPTLY IN APPROVED DUMP SITES.
16. AT THE COMPLETION OF THE WORK ALL EQUIPMENT, WASTE MATERIAL AND DEBRIS SHALL BE COMPLETELY REMOVED FROM THE SITE AND THE AREA MADE GOOD.
17. WITHOUT COST TO THE OWNER THE GENERAL CONTRACTOR SHALL PROMPTLY CORRECT ANY DEFICIENCIES OR DEFECTS IN WORKMANSHIP AND CONTINUE TO DO SO THROUGHOUT THE CONTRACTED MAINTENANCE PERIOD.
18. WITHIN REASON THE OWNER SHALL SUPPLY ALL WATER AND ELECTRICITY TO THE CONTRACTOR DURING THE WORK ON SITE.
19. UNLESS OTHERWISE INSTRUCTED ALL MATERIALS EXCAVATED OR REMOVED FROM THE BUILDING AND NOT UTILIZED ELSEWHERE ON THE SITE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN APPROVED DUMP SITES.
20. IF APPLICABLE, OWNER SUPPLIED ITEMS ARE NOTED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR THE SAFE KEEPING OF ALL OWNERS SUPPLIED MATERIALS AS DELIVERED TO THE SITE. CONTRACTOR SHALL IMMEDIATELY INSPECT AND INVENTORY ALL OWNER SUPPLIED ITEMS AND BRING ANY DISCREPANCIES OR DAMAGE TO THE OWNER'S ATTENTION IMMEDIATELY.

A. DEMOLITION

1. THE CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION WORK IN A SYSTEMATIC MANNER.
2. THE CONTRACTOR SHALL, IF REQUESTED, SUBMIT A SCHEDULE INDICATING THE PROPOSED METHODS AND SEQUENCE OF OPERATIONS FOR SELECTIVE DEMOLITION WORK TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF WORK, INCLUDING CO-ORDINATION FOR SHUT-OFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQUIRED, TOGETHER WITH DETAILS FOR DUST AND NOISE CONTROL PROTECTION.
3. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER OF DEMOLITION ACTIVITIES WHICH WILL MAKE AN IMPACT ON THE OWNER'S NORMAL OPERATIONS.
4. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE OWNER'S PERSONNEL AND THE GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK.
6. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF THE STRUCTURE OR ELEMENT TO BE DEMOLISHED, AND ADJACENT FACILITIES OR WORK TO REMAIN.
7. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ANY EXISTING FINISH WORK THAT IS TO REMAIN AND BECOMES EXPOSED DURING DEMOLITION OPERATIONS, INCLUDING PROTECTIING FLOORS WITH SUITABLE COVERINGS WHEN NECESSARY.
8. DEBRIS SHOULD BE PROMPTLY REMOVED TO AVOID IMPOSING EXCESSIVE LOADS ON

SUPPORTING WALLS, FLOORS AND FRAMING, AND TO AVOID BLOCKING EGRESS FROM THE SITE.

9. IF UNEXPECTED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL SUBMIT DETAILS OF SUCH TO THE ENGINEER.

10. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OR OTHER OPERATIONS, THE CONTRACTOR SHALL CEASE WORK IN THE AFFECTED AREA AND SUBMIT A REPORT TO THE ENGINEER; ANY WORK IN SUCH AN AREA SHALL COMPLY WITH APPLICABLE REGULATIONS CONCERNING REMOVAL, HANDLING, PROTECTION AGAINST EXPOSURE AND ENVIRONMENTAL POLLUTION, AND DISPOSAL.

B. CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 301 (LATEST EDITION). SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS OR APPROVED EQUIVALENT STANDARD.
2. CEMENT: ASTM C150: TYPE 1 - CAN3-A23.1, TYPE 10
3. AGGREGATES: ASTM C33 NORMAL WEIGHT.
4. WATER CEMENT RATIO: 0.45
5. STRUCTURAL CONCRETE SHALL ACHIEVE A MINIMUM CYLINDER COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS UNLESS NOTED OTHERWISE.
6. CONCRETE COVER TO REBARS SHALL BE AS FOLLOW, UNLESS NOTED OTHERWISE:

A.CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. FOUNDATIONS, RETAINING WALLS	3"
B. CONCRETE EXPOSED TO WATER	2"
C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND. SLABS, WALLS, BEAMS, COLUMNS	1 1/2"

7. CONCRETE SHALL HAVE XYPEX OR SIMILAR WATERPROOFING ADDITIVE. A SUPERPLASTICIZER MAY BE ADDED TO THE CONCRETE TO THE APPROVAL OF THE ENGINEER.
8. UNLESS NOTED OTHERWISE NO ADDITIVES TO BE USED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER. NO WATER SHALL BE ADDED TO THE MIX ON SITE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
9. EXPERIENCED PERSONNEL SHALL MECHANICALLY VIBRATE ALL STRUCTURAL CONCRETE IN THE APPROVED MANNER. THE CONTRACTOR SHALL HAVE AT LEAST TWO FULLY OPERATIONAL POKER VIBRATORS ON SITE DURING CONCRETE PLACEMENT.
10. CONSTRUCTION JOINTS AND CONTROL JOINTS IN SLABS-ON-GRADE SHALL BE ARRANGED TO LIMIT THE MAXIMUM AREA BETWEEN JOINTS TO 900 S.F. UNLESS SHOWN OTHERWISE ON DWGS. ALLOW A MIN. OF 48 HOURS TIME BETWEEN PLACEMENTS OF ADJACENT SECTIONS.

11. ALL FORMWORK, SHORING AND RESHORING SHALL BE DESIGNED BY THE CONTRACTOR'S REGISTERED ENGINEER.

12. FOUNDATION WALLS, SLABS, BEAMS AND GIRDERS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE UNLESS SHOWN OTHERWISE.

C. REINFORCING STEEL

1. ALL STEEL REBARS SHALL BE GALVANIZED WITH A MINIMUM YIELD STRESS OF 60,000 PSI UNLESS NOTED OTHERWISE.
2. UNLESS NOTED OTHERWISE MINIMUM ALLOWABLE LAP LENGTHS TO REBARS SHALL BE:

T6	12"
T8	15"
T10	18"
T12	24"
T16	32"
T20	40"
T25	60"
WIRE MESH	12"

3. LOCATION OF AL LAPS SHALL BE SHOWN ON REINFORCEMENT STEEL SHOP DRAWINGS AND

SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.

4. REBAR SHALL CONFORM TO ASTM-767 GRADE 60 GALV. WELDED WIRE FABRIC (MESH) SHALL CONFORM TO ASTM-A-185.

5. REBAR AT ENDS OF CONCRETE LINTELS, STAIRS PAD FOOTING, BEAMS AND SLABS ARE TO HAVE STANDARD 90° BENDS. ANY REBAR, WHICH IS CUT, AND BENT ON SITE SHALL HAVE TWO APPLICATIONS OF A “ZINC” RICH PAINT APPLIED TO THE ENDS AND DAMAGED AREAS TO THE APPROVAL OF THE ENGINEER.

6. NO WELDING OF REINFORCING SHALL BE PERMITTED UNLESS SPECIFICALLY CALLED FOR OR APPROVED BY THE STRUCTURAL ENGINEER.

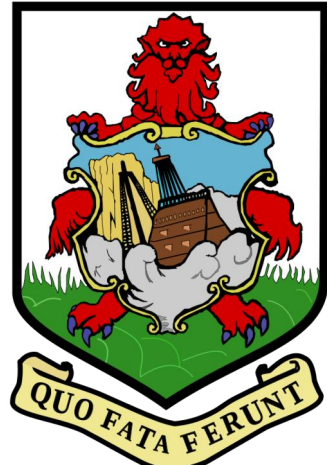
D. BASECRETE

1. FINISH COATING ON THE WALLS AND FLOOR SHALL BE BASECRETE FLEXIBLE WATERPROOFING MANUFACTURED BY BASECRETE TECHNOLOGIES.
2. CONTRACTOR SHALL APPLY TWO (2) COATS OF BASECRETE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
3. BASECRETE MESH SHALL BE USED TO BUILD ROUND COVES AT CORNERS AND TO BRIDGE ALL CONSTRUCTION JOINTS



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RESERVOIR 1 REFURBISHMENT

10 FORT HILL ROAD
DEVONSHIRE

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