

*"There is not a village in America, however badly planned at first,
or ill-built afterwards, that may not be redeemed, in a great measure,
by the aid of shade trees in the streets ... and it is never too late
or too early to project improvements of this kind."*

Andrew Jackson Downing (1815-1852)

AGENDA
CITY OF PORTSMOUTH
TREES AND PUBLIC GREENERY COMMITTEE
8:00 AM – Wednesday, May 14, 2025
City Hall, Conference Room A and via Zoom

To register in advance for this webinar via Zoom:

https://us06web.zoom.us/webinar/register/WN_3N7pbbugRgOEzXFYaQhJIw

After registering, you will receive a confirmation email containing information about joining the webinar.

1. Acceptance of Minutes of April 9, 2025 meeting
2. Removal requests:
 - **Marcy St dam near Sanders Fish Market** (red flagging): 2 crab apples, 1 box elder, good condition, removals requested and recommended by the City. Tree roots are growing around the dam and bridge infrastructure and if the trees remain, they will impact the site integrity.
 - **Connor's Cottage, 1 Junkins Ave** (southern entrance): 1 tree lilac, good condition, removal requested by Portsmouth Housing Authority. The removal of this tree will facilitate the construction of an accessibility lift that will allow residents to enter from that side of the building. (See attached plan.)
 - **479 Broad St**: 1 Norway maple, 1 thornless cockspur, good condition, resident request. The removal of these trees will allow the grade of the sidewalk to be corrected and a driveway to be created.
 - **462 Lincoln Ave**: 1 little-leaf linden, fair condition, resident request, removal recommended by the City. There is decay and dead bark around the majority of this tree's base. The top of the tree's canopy is declining and not vigorous.
 - **178 Highland St**: 1 red maple, poor condition, removal requested and recommended by the City. There is a crack forming in a decayed section of the main stem, and the weight of the canopy is encouraging the defect.
 - **Indoor Pool parking area (Andrew Jarvis Dr)**: 2 Norway maple, fair-to-poor condition, removals requested and recommended by the City. Indoor pool staff are concerned that the trees can harm patrons of the facility. There is significant woodpecker damage to one tree and the other is declining.
 - **16 Barberry Ln** (red flagging): 1 ash, poor condition, resident request, removal recommended by the City. This tree is infested with EAB.
 - **Pease Wastewater treatment facility**: 1 Red maple poor condition, removal requested and recommended by the City. There is a significant amount of dead bark at the base of the tree, and there is a large cavity in the base with decaying heartwood. There is a crack forming between two included leaders.
3. Recap of Arbor Day 2025
4. Tree planting 2025

5. New Business

6. Old Business

Next Meeting: Wednesday, June 11, 2025

Respectfully submitted,

Patricia Bagley, Chair

**Minutes of the
City of Portsmouth's
Trees and Public Greenery Committee Meeting
April 9, 2025**

Members Present: Chair Patricia Bagley; Vice-Chair Michael Griffin; Director of Public Works Peter Rice; City Tree Supervisor/Arborist Maxwell Wiater; Assistant Mayor Joanna Kelley-Adams; Members Dennis Souto, Michael Griffin, A. J. Dupere, Deborah Chag, and Scott McDermott

Members Excused: None.

Chair Bagley called the meeting to order at 8:00 a.m.

1. Acceptance of the March 12 Meeting Minutes

*Ms. Chag moved to **approve** the March 12 minutes as presented, seconded by Mr. Rice. The motion **passed** unanimously.*

Note: The tree removal requests were not reviewed in order.

2. Tree Removal Requests

- **276 Melbourne St:** 1 red maple, poor condition, removal requested by resident, removal recommended by the City. A storm in March resulted in the failure and removal of one of the leaders of this multi-stem tree. The remaining stems are now more exposed to external forces which could lead to a similar failure. The leader nearest the house has a lot of end weight with no reduction pruning available.

Mr. Wiater said one of the multi-stemmed leaders broke in a storm and it failed where the cabling was installed. He said the leader was tied into other parts of the tree by the cable. He said pruning was done on the tree last year but there was excess foliage at the top of the tree and there were cavities from previous prunes in the two remaining stems. He said the tree was growing closer to the power line and that he felt it was appropriate to remove the tree.

Chair Bagley asked for a motion. *Mr. Griffin moved to recommend removal of the remaining leaders, seconded by Mr. Souto. The motion **passed** unanimously.*

- **361 Hanover St:** 2 green ash, poor condition, removal requested by landscape architect, removals recommended by the City. The removal of these ash trees will facilitate the renovation of this right-of-way area which will include tree planting. These ash trees have been poorly pruned for utility clearance and are susceptible to emerald ash borer. (See attached landscaping plan for 361 Hanover St.)

[Video timestamp 37:34] The project landscape architect Terrence Parker was present, along with project engineer John Chagnon and Shayne Forsley of Hampshire Development Corporation. Mr. Parker said it was only a matter of a year or two before the two ash trees would become infected by the emerald ash borer. He said they proposed to replace them with three columnar red maples. He said the canopies would grow to be 8-10 feet wide and would be out of the utility wires. The location of the proposed trees was discussed and it was stated that they would be planted four feet off the edge of the new sidewalk. Mr. Chagnon said the site plan approvals were being worked on and there would be changes to the sidewalk location. He said Eversource was doing some of the utility runs and infrastructure. An Adopt-A-Spot application was discussed. Mr. Chagnon noted that the Department of Public Works asked that it be in a small area between Rock Street and the development.

Chair Bagley asked for two separate motions.

*Assistant Mayor Kelley-Adams recommended removal of the trees, seconded by Mr. Griffin. The motion **passed** unanimously.*

*Mr. Rice moved to approve the landscape design as presented, seconded by A.J. Dupere. The motion **passed** unanimously.*

- **205 Broad St:** 1 northern catalpa, fair condition, removal requested by resident. The removal of this tree will facilitate the renovation of this property which will create off-street parking for the residents. (See attached tree risk assessment performed by Seacoast Tree Care, and site plan for 205 Broad Street)

[Timestamp 5:36] Jay Lajeunesse of River Birch Builders was present on behalf of the resident and said he was working with the owner on the home's new addition. He said the tree requested to be removed was within the City's right-of-way and about eight feet from the existing home. He said the proposed renovation was about 15 feet away from the tree. He said there were prior concerns about the tree's health due to its distance from the home and street construction. He said a granite curbing was installed and was up against the tree's trunk and that the required excavation for the renovation presented more concerns about the tree's health. He said a tree assessment report was submitted and indicated that the tree would present a hazard to the utilities, to the people walking on the street, and to the structures.

Peter Lyon, Seacoast Tree Care Customer Service Manager, spoke and said the tree was decayed and had dead branches and was missing roots. He explained that, due to the tree's hollow, root loss, and location, he did not think it was a good tree to retain, especially with more upcoming construction. The length of the assessment study was discussed. Mr. Wiater said Seacoast Tree Care had a reinspection time of three years. Mr. Lyon said the assessment study only lasted three years. The timeframe and the tree risk assessment was further discussed. Mr. Lyon said the problem was the root structure and the hollow. Mr. Wiater said those parts were not indicated as leading to the failure. He asked if the tree was proposed to be removed as part of the project or because it was hazardous, and it was further discussed. Mr. Rice asked how critical the retaining wall was to the project. Mr. Chagnon said the owner wanted to place a garage somewhere on the property and that the tree would be impacted by building the addition. Chair Bagley asked if the addition would still be built if the tree remained. Mr. Lajeunesse said the intent was to replace the porch with the addition,

so the tree was a concern. The building permit was discussed. Mr. Chagnon said he helped in getting a permit for the Board of Adjustment (BOA) and that he flagged the issue and said the owner should come before the Committee first. Mr. Rice asked if all the setback requirements were met. Mr. Chagnon said there were some existing nonconformances, so the project did not receive all the approvals. He said the existing building already violated the building setbacks and would require relief. Mr. Rice said if the Committee granted the tree removal request and the BOA did not grant the waiver, then the tree would be condemned without cause. Mr. Chagnon suggested that it be a conditional tree removal. Mr. Rice said the Committee received a letter dated April 8 from an abutter who opposed the catalpa's removal, as noted below:

To: City of Portsmouth/Tree Committee Hearing 4/9/25
Re: Catalpa Street at 1 Spring Street

We are unable to make the meeting of the tree committee on 4/9, but we wanted to make our preference known on the subject of removal of an old and unique catalpa tree. We have lived at 39 Spring Street since 1981 and have resided at this location longer than any other residents on the street. We appreciate living in this wonderful neighborhood and our neighbors. It is with this in mind that we would like to voice our concerns about removing this beautiful old tree that appears to be healthy and vibrant. It has always been a part of this neighborhood, and we are sure it was growing here for decades before we moved here. We understand the proximity to the house may be inconvenient, but we would hate to look out and not see that majestic tree with its huge leaves, which must be one of very few in the city of Portsmouth. We would hope that a major trimming back of the branches overhanging the house and any wires would be a consideration. In conclusion, we would be in favor of letting this catalpa tree continue to live and be a part of our neighborhood. Thank you for your consideration.

Stephen & Sheila Philp
39 Spring St.

The Committee discussed the fact that there were only a few northern catalpas left in Portsmouth. Mr. Chagnon suggested that another tree be planted in the catalpa's place.

Chair Bagley asked for a motion. *Mr. Rice moved, for purposes of discussion, to recommend removal of the tree, based on the BOA's future conditional approval. Assistant Mayor Kelley-Adams seconded.*

Assistant Mayor Kelley-Adams said parking was a big issue in the City and that the City would be seeing similar requests for garages and additions and that it was looking into what could be done for Portsmouth's parking situation. She thought it would pull a little weight if the owner could find ways to alleviate the stress on parking. Mr. Rice said he wanted to separate the parking discussion from the removal of the tree, noting that the Committee's charge was the trees. He said a risk assessment was done and indicated that the tree was in decline. He said if the tree was likely to be taken down while the resident owned and utilized the property, he thought the tree should be removed now and that a new tree could be planted. He said if the BOA did not approve the variance, he would be happy to monitor the tree over time. Mr. Wiater asked if the City would pay for the removal of the tree if it was

associated with a specific project. Mr. Rice said the City did not budget for convenience removals. Chair Bagley suggested a second assessment. Mr. Wiater said a fair third party that was removed from the project and the City could do an assessment. It was agreed that a second assessment would be done only if the project did not move forward. Assistant Mayor Kelley-Adams said the applicant would be at the BOA's May meeting, so the tree would come up again at the Tree Committee's June meeting. The Committee discussed whether the owner would incur the cost for the tree's removal. Mr. Rice said if the Committee approved the tree's removal, then the City would be responsible for the tree's cost. He said he could amend his motion to say that if the tree's removal was approved by the BOA, the property owner would be responsible for the cost, and if the BOA did not approve it, the Tree Committee would re-evaluate the tree as a new request.

The motion was **amended** as follows:

*Mr. Rice moved that the tree's removal is contingent upon the BOA approving the addition and that the property owner would pay for the tree's removal. Assistant Mayor Kelley-Adams seconded. The motion **passed** by a vote of 7-2, with Chair Bagley and Ms. Chag voting in opposition.*

- **328 Colonial Dr:** 2 little-leaf linden, poor-to-fair condition, removal requested by resident, 1 removal recommended by the City. These two trees have been poorly pruned for utility clearance. Each tree has a cavity on the house-facing side of the trunk, with one tree exhibiting a hollow main stem.

[Timestamp 47:18] Mr. Wiater said the linden nearest to the driveway should be removed because it was rotted through the center, but the linden near the corner was healthier. He said the main concern of the residents was that falling branches would hit their home. He said the weight of the healthy linden went toward the road and that the tree could be pruned to remove more weight, so he didn't see much risk in keeping the tree.

Chair Bagley asked for a motion. *Mr. Griffin moved to recommend removal of the linden tree near the driveway, seconded by Assistant Mayor Kelley-Adams. The motion **passed** unanimously.*

3. Landscape Requests

- **361 Hanover St:** replacing the two ash with 3 Acer rubrum 'Blowhall,' 4 Juniperus virginiana 'Emerald Sentinel', and Rhus aromatica 'Gro Low.'

Note: this was discussed during the Tree Removal Request for 361 Hanover Street on page 2.

4. Arbor Day 2025

Mr. Wiater said a black gum would be planted on Arbor Day, April 25th, and the large piece of granite that the City Council donated for former Chair Peter Loughlin would be moved before then. Assistant Mayor Kelley-Adams said she would add a line item to the agenda for the next City Council meeting, and Chair Bagley suggested that mention be

made in the City's newsletter. It was decided that Mr. Wiater would follow up with Public Information Officer Stephanie Seacord.

Chair Bagley asked for a motion. *Mr. Rice moved to have Assistant Mayor Kelley-Adams add a line item to the agenda for the next City Council meeting. Mr. Dupere seconded. The motion **passed** unanimously.*

5. Tree Planting 2025

Mr. Wiater said the tree planting was well underway, with 60-70 trees planted. He noted that the skate park was also finishing up that day. Mr. Rice said the abutting property owners asked that the skate park be fenced in to reduce the migration of children.

Mr. Wiater said only two trees were lost on 328 Colonial Drive - one was hit by a plow and the other tree died, and those were the only two trees that needed new plantings.

6. New Business

There was no new business discussed.

7. Old Business

Mr. Dupere said the saplings would be available for the Sustainability Fair on Friday by 4:30 p.m. Mr. Wiater said the signage would state that the saplings were State Forest Nursery saplings.

Next meeting: Wednesday, May 14, 2025

The meeting **adjourned** at 8:58 a.m.

Respectfully submitted,

Joann Breault

Trees and Greenery Committee Meeting Minutes Taker

PROJECT CONTACTS

ARCHITECT

CJ ARCHITECTS
233 VAUGHAN STREET
PORTSMOUTH, NH 03801
603-431-2808

STRUCTURAL

SOUZA TRUE & PARTNERS, INC.
1 CRANBERRY HILL, SUITE 301
LEXINGTON, MA 02421
617-926-6100

ELECTRICAL

ELECTRICAL SYSTEMS ENGINEERING, INC.
22 MANCHESTER ROAD, SUITE 8A
DERRY, NH 03038
603-870-9007

CONNOR'S COTTAGE ADA LIFT PORTSMOUTH, NEW HAMPSHIRE



PREPARED FOR

PORTSMOUTH HOUSING AUTHORITY
245 MIDDLE STREET
PORTSMOUTH, NEW HAMPSHIRE 03801

SHEET INDEX:

ARCHITECTURAL	
A0.0	COVER SHEET & INDEX
A1.0	PLANS
A2.0	ELEVATIONS
A3.0	SECTIONS & DETAILS

STRUCTURAL

S100	STRUCTURAL PLANS & DETAILS
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ELECTRICAL

E100	ENTRY LIFT & POWER PLAN
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REVISIONS:	

PORTSMOUTH HOUSING AUTHORITY

CONNOR'S COTTAGE ADA LIFT
PORTSMOUTH, NEW HAMPSHIRE



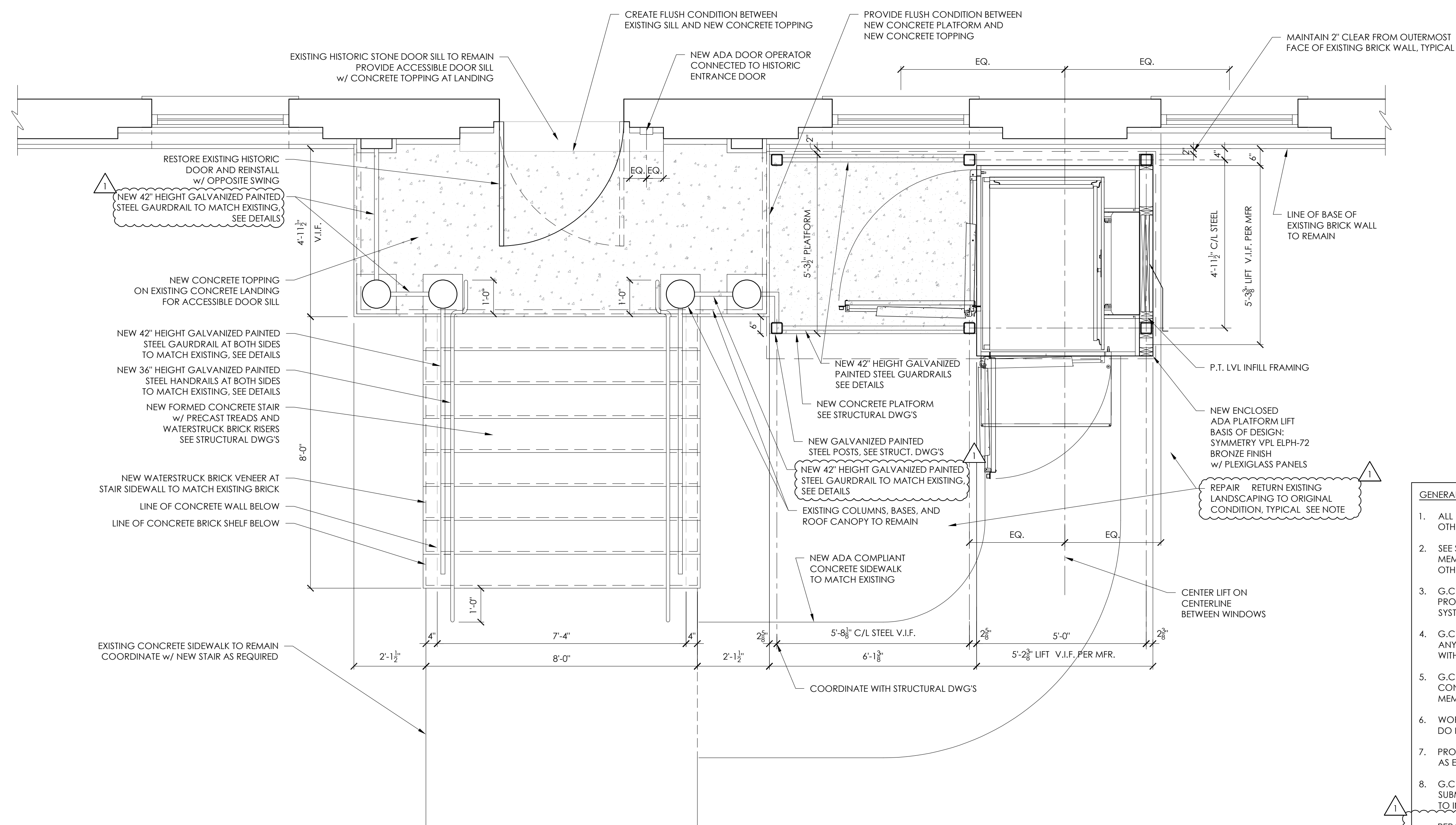
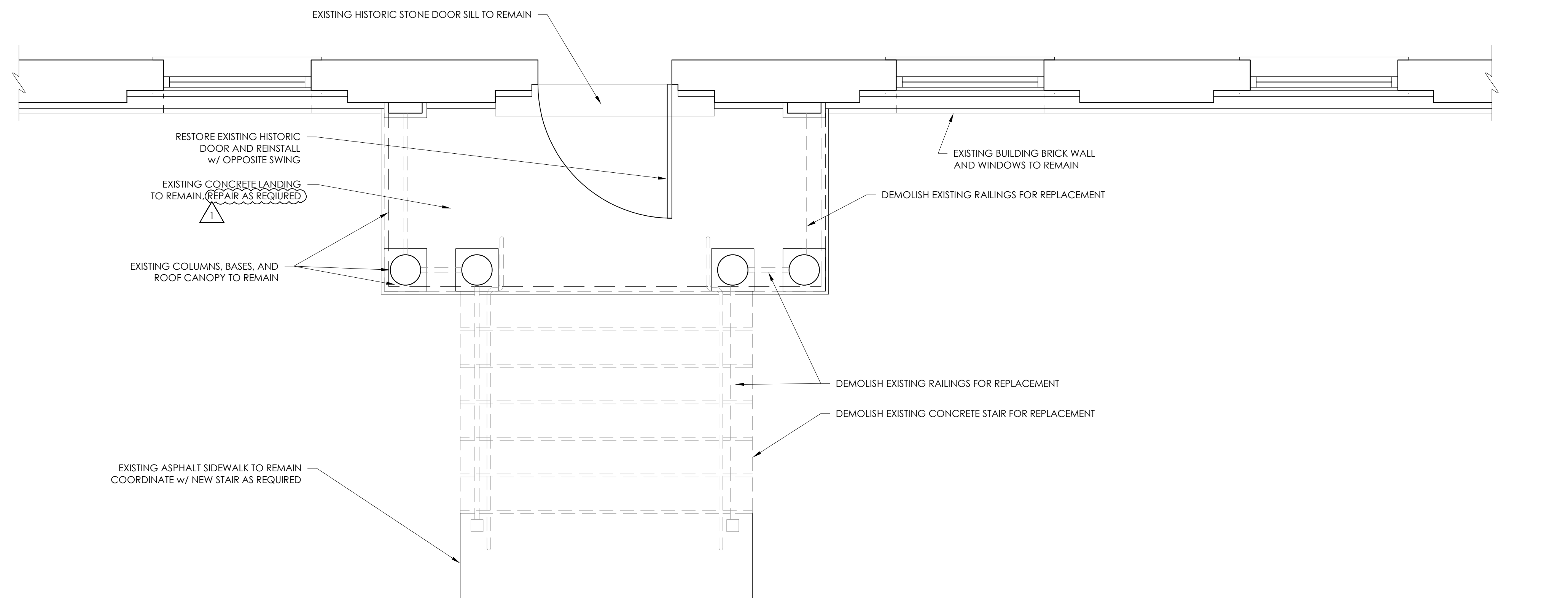
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COVER
SHEET &
INDEX

DATE:	01/30/2025
DRAWN BY:	WWB
APPROVED BY:	CJG
SCALE:	N/A
JOB NUMBER:	22405
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ISSUED FOR CONSTRUCTION



GENERAL NOTES:

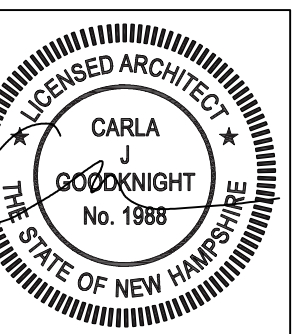
1. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
 2. SEE STRUCTURAL DRAWINGS FOR DESIGN OF STRUCTURAL MEMBERS. TYPICAL. DO NOT PENETRATE JOISTS, BEAMS, OR OTHER STRUCTURAL MEMBERS UNLESS NOTED OTHERWISE.
 3. G.C. TO COORDINATE DESIGN AND INSTALLATION OF FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS.
 4. G.C. TO CONTACT ARCHITECT AND ENGINEERS TO REPORT ANY UNFORESEEN CONDITIONS THAT ARE NOT CONSISTENT WITH THE DRAWINGS.
 5. G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND CUTTING OR FABRICATION OF FRAMING MEMBERS.
 6. WORK FROM GIVEN DIMENSIONS AND LARGE SCALE DETAILS. DO NOT SCALE DRAWINGS.
 7. PROVIDE ITEMS AND COMPONENTS DEPICTED UNLESS NOTED AS EXISTING.
 8. G.C. TO PROVIDE SHOP DRAWINGS AND PRODUCT SUBMITTALS FOR ALL ITEMS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- REPAIR RETURN EXISTING LANDSCAPING TO ORIGINAL CONDITION AFTER CONSTRUCTION. TYPICAL.

ISSUED FOR CONSTRUCTION

W 1: 3/24/2025

PORTSMOUTH HOUSING AUTHORITY

CONNOR'S COTTAGE ADA LIFT
PORTSMOUTH, NEW HAMPSHIRE



ARCHITECTS

HAUGHAN STREET
SUITE 101
SMOOTH, NH 03801
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www.cjarchitects.net

PLANS

01/30/2025

AWN BY: WWB

APPROVED BY: CJG

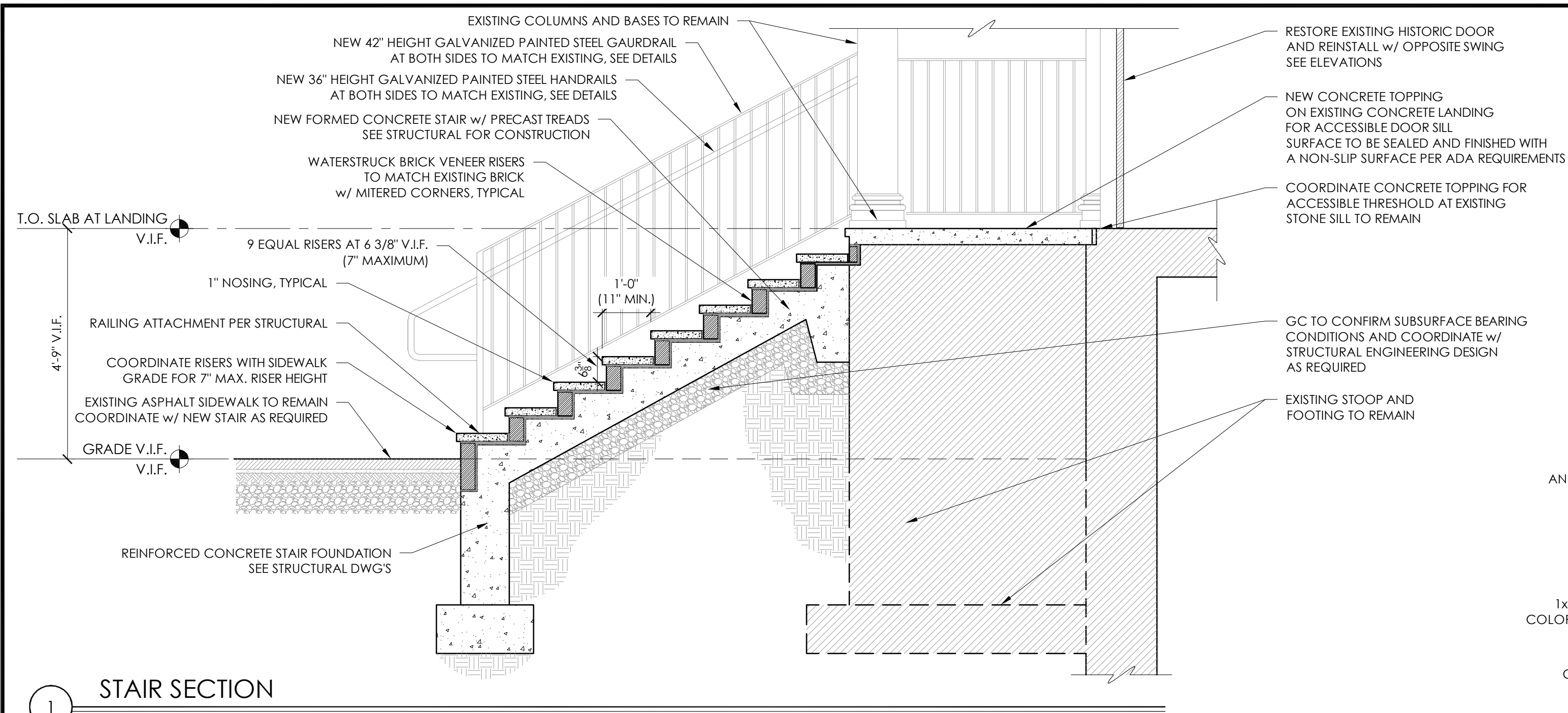
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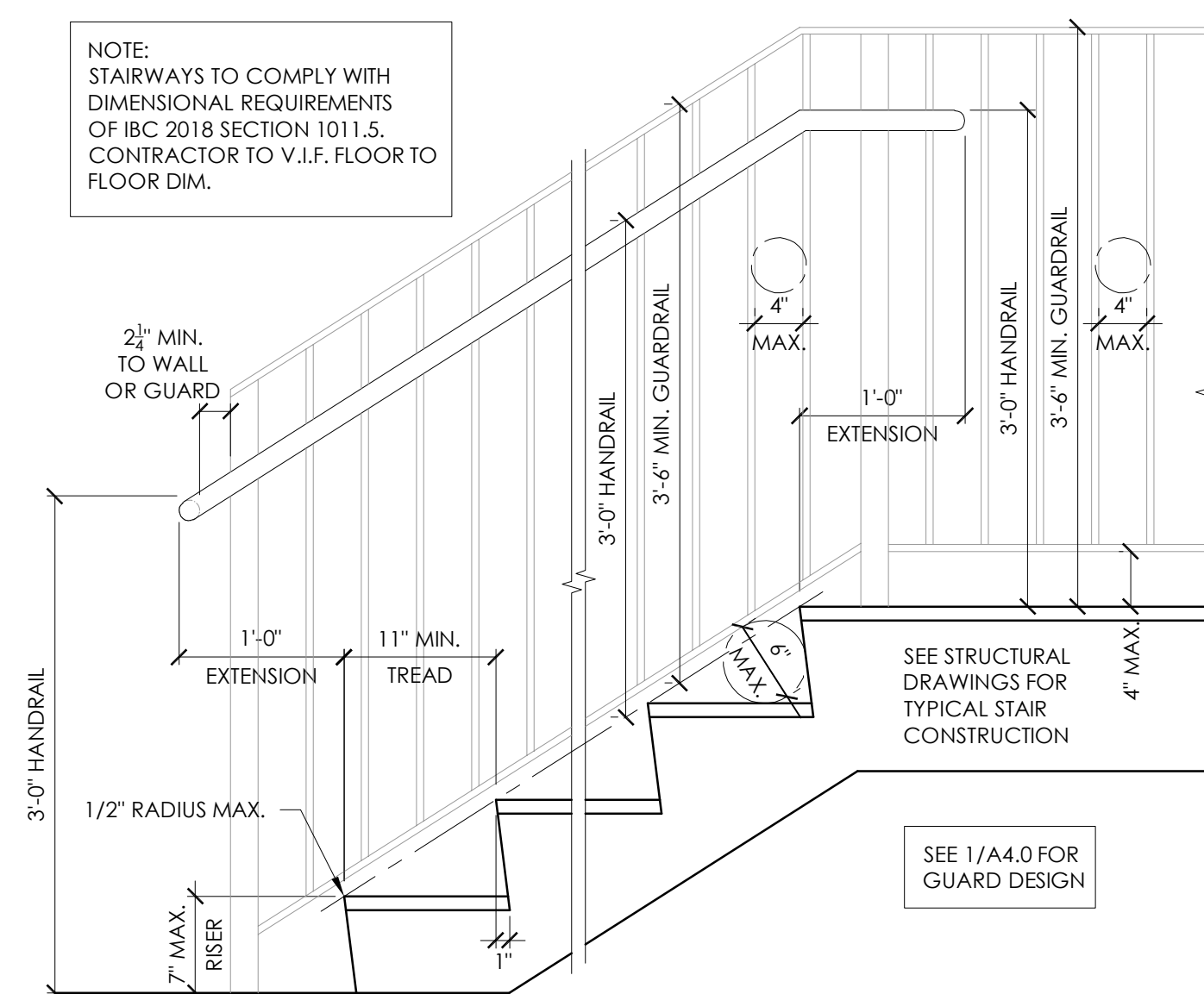
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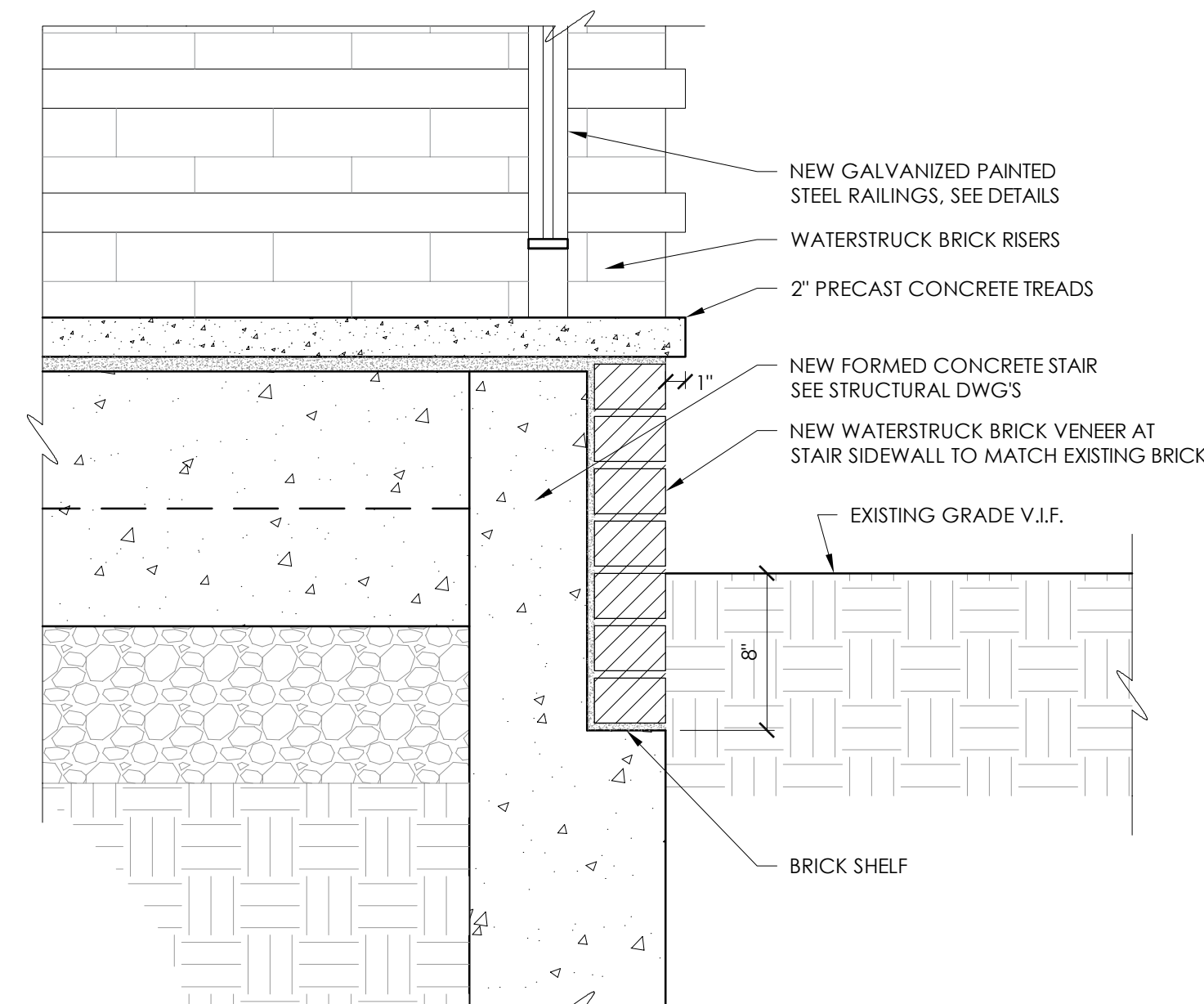




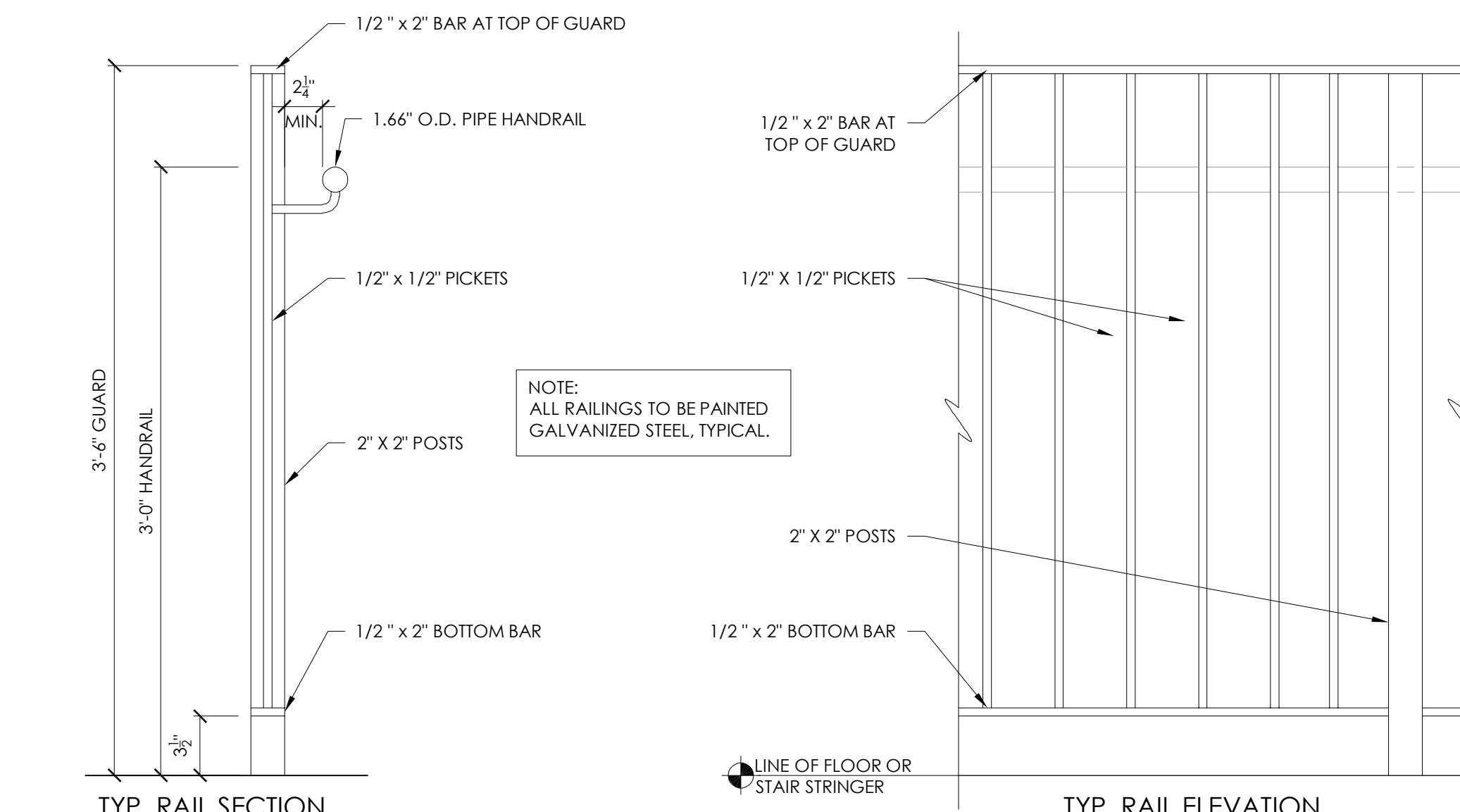
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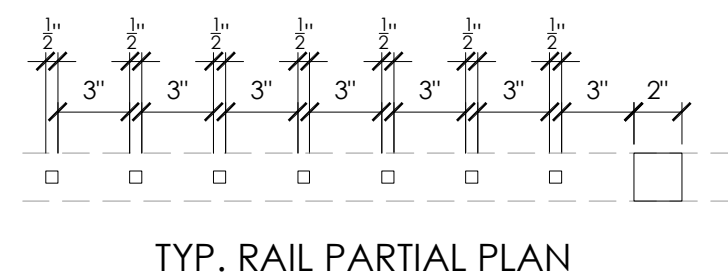
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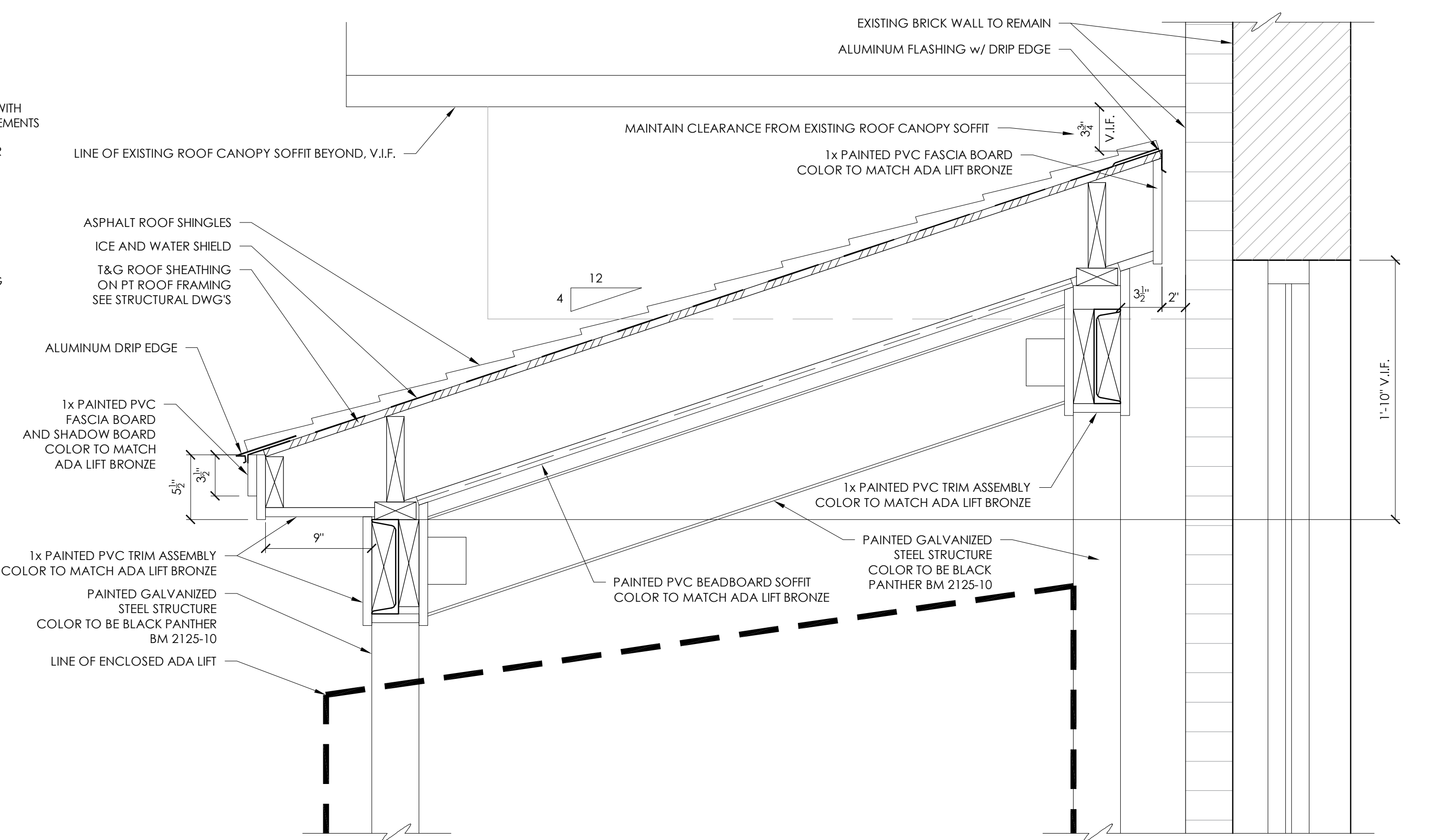
4 STAIR SIDE WALL DETAIL
1-1/2" = 1'-0"



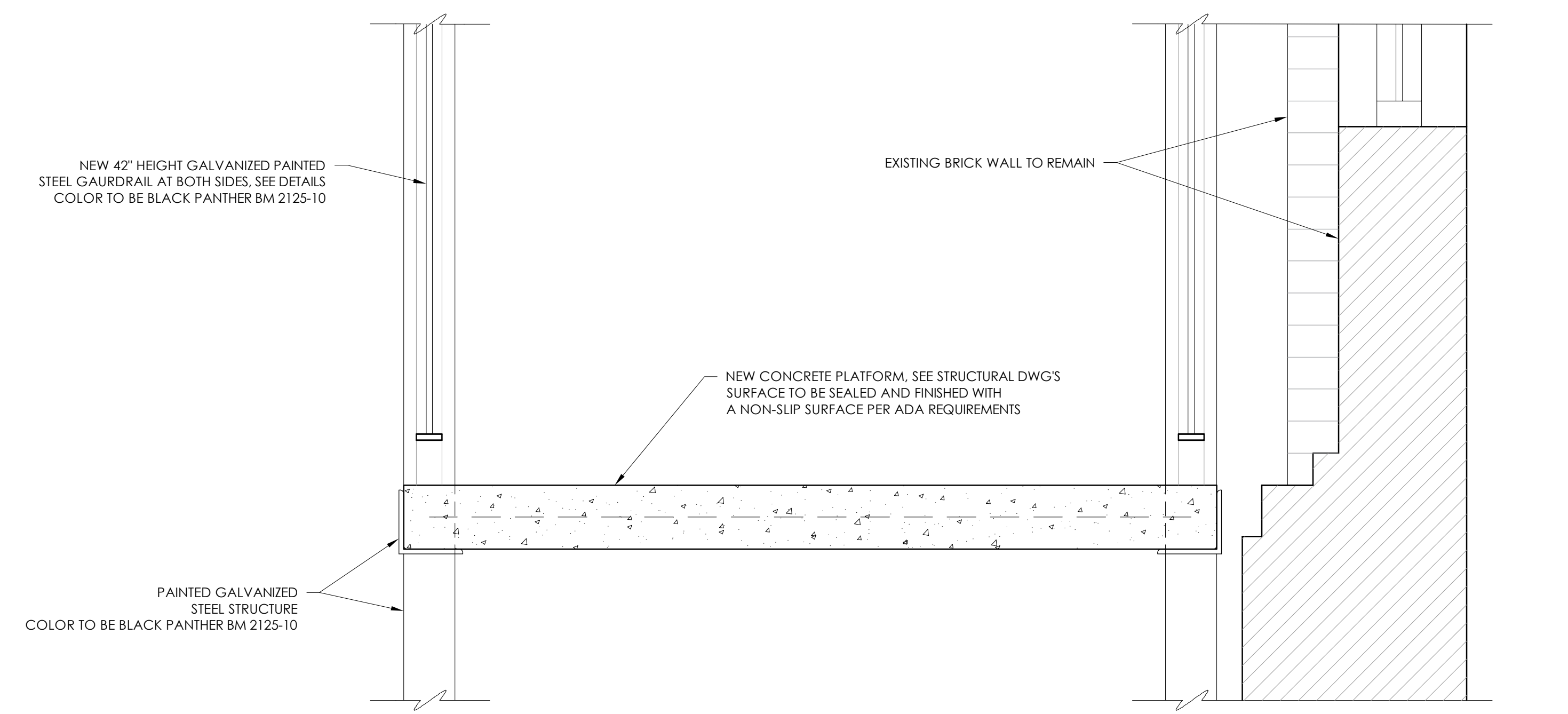
3 TYPICAL RAILING DETAIL
1-1/2" = 1'-0"



TYP. RAIL PARTIAL PLAN



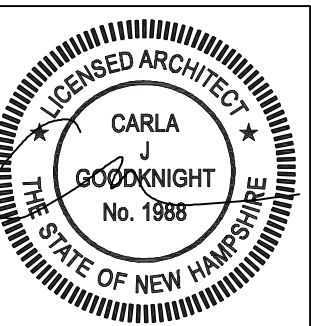
5 ROOF CANOPY SECTION
1-1/2" = 1'-0"



6 PLATFORM SECTION
1-1/2" = 1'-0"

REVISIONS:

PORTSMOUTH HOUSING AUTHORITY
CONNOR'S COTTAGE ADA LIFT
PORTSMOUTH, NEW HAMPSHIRE



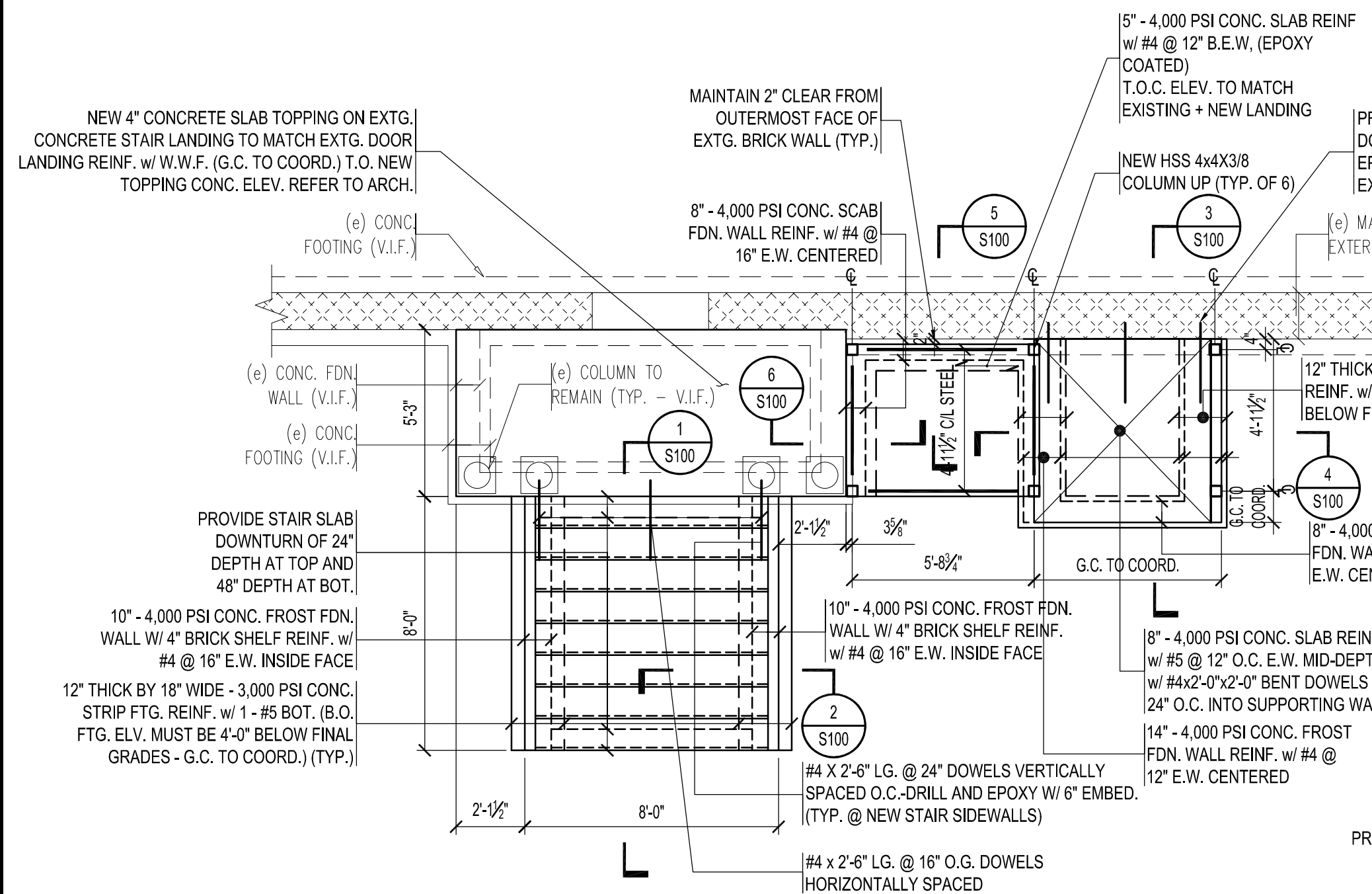
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DETAILS

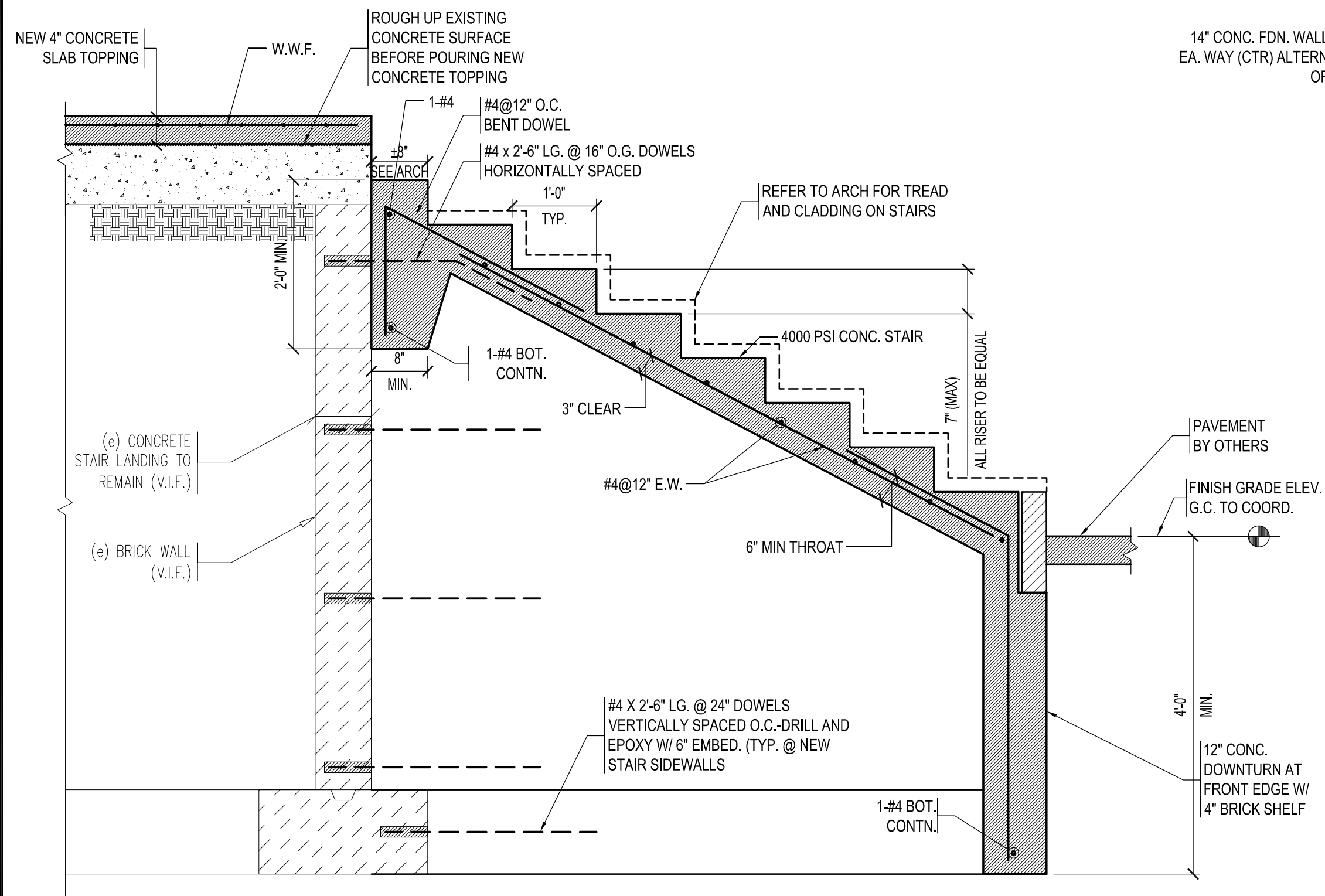
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APPROVED BY:	CJG
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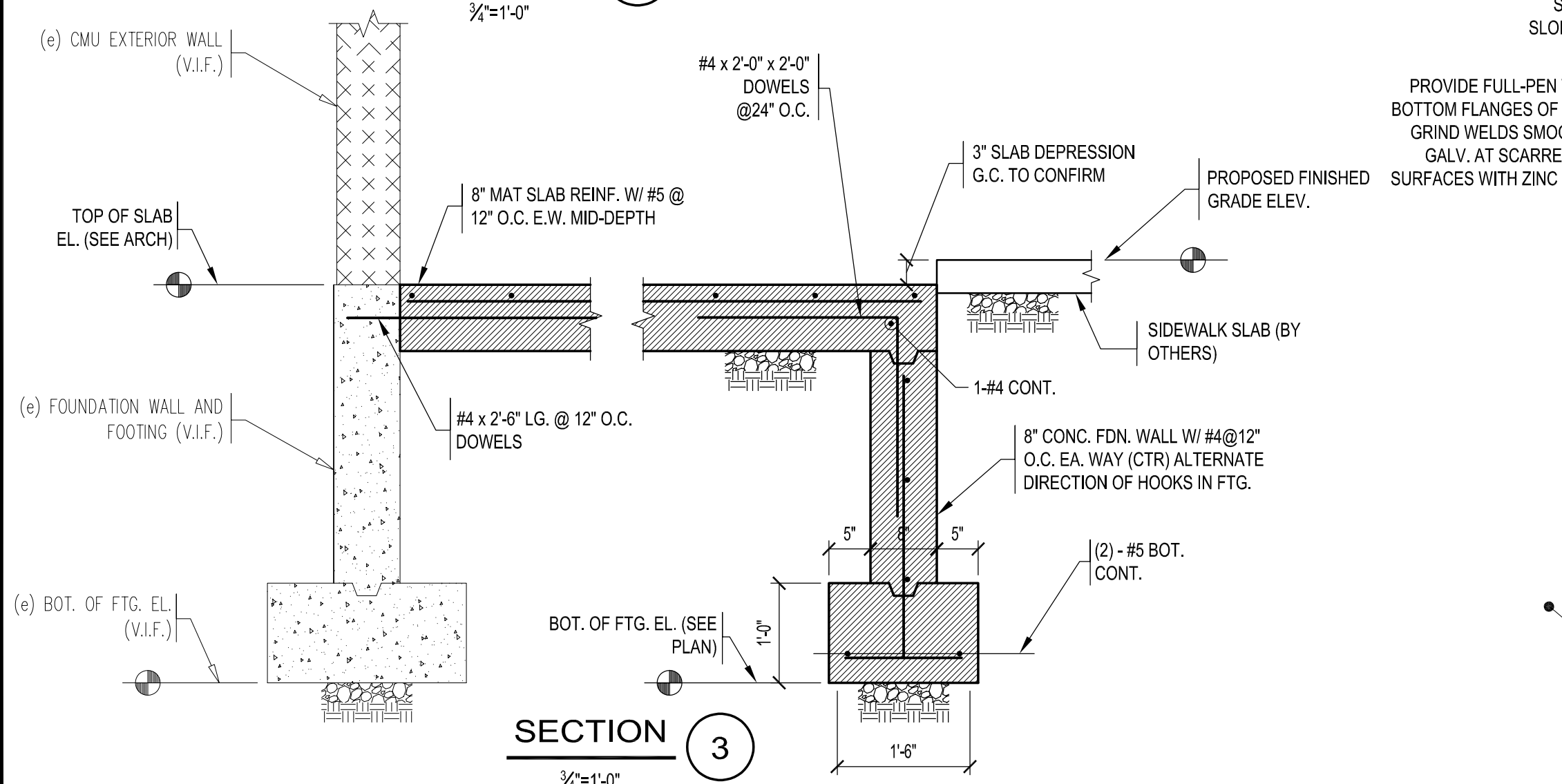
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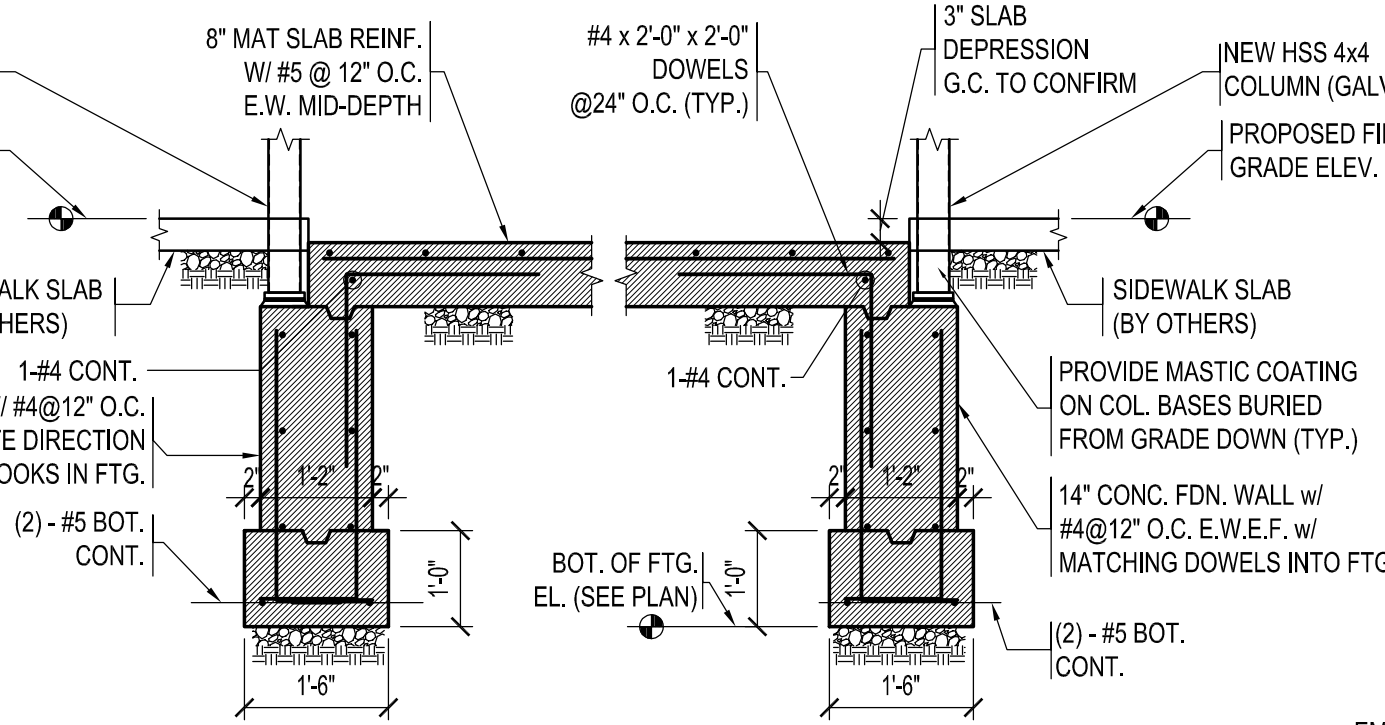
EXISTING ENTRY AND NEW LIFT FOUNDATION/LANDING PLAN



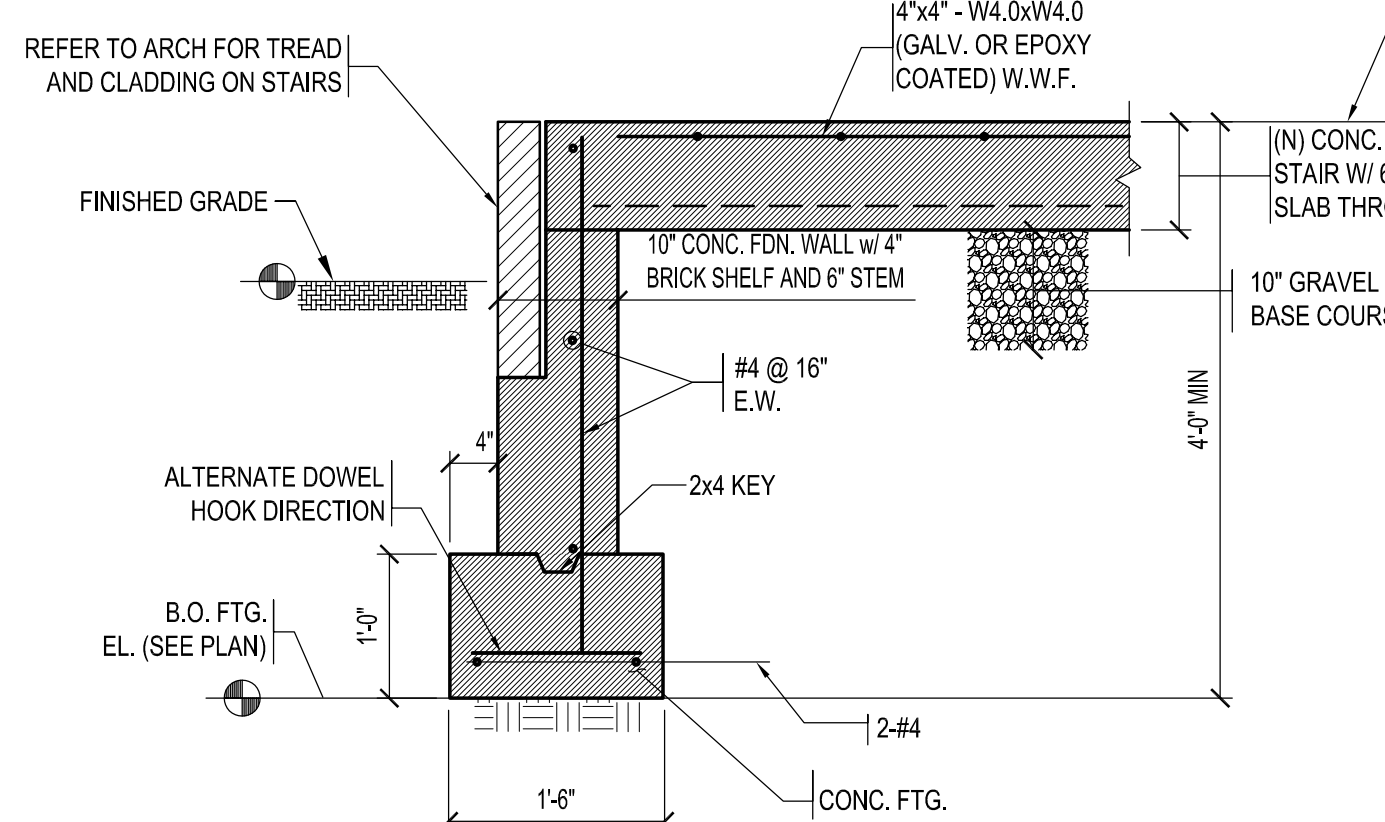
SECTION 1



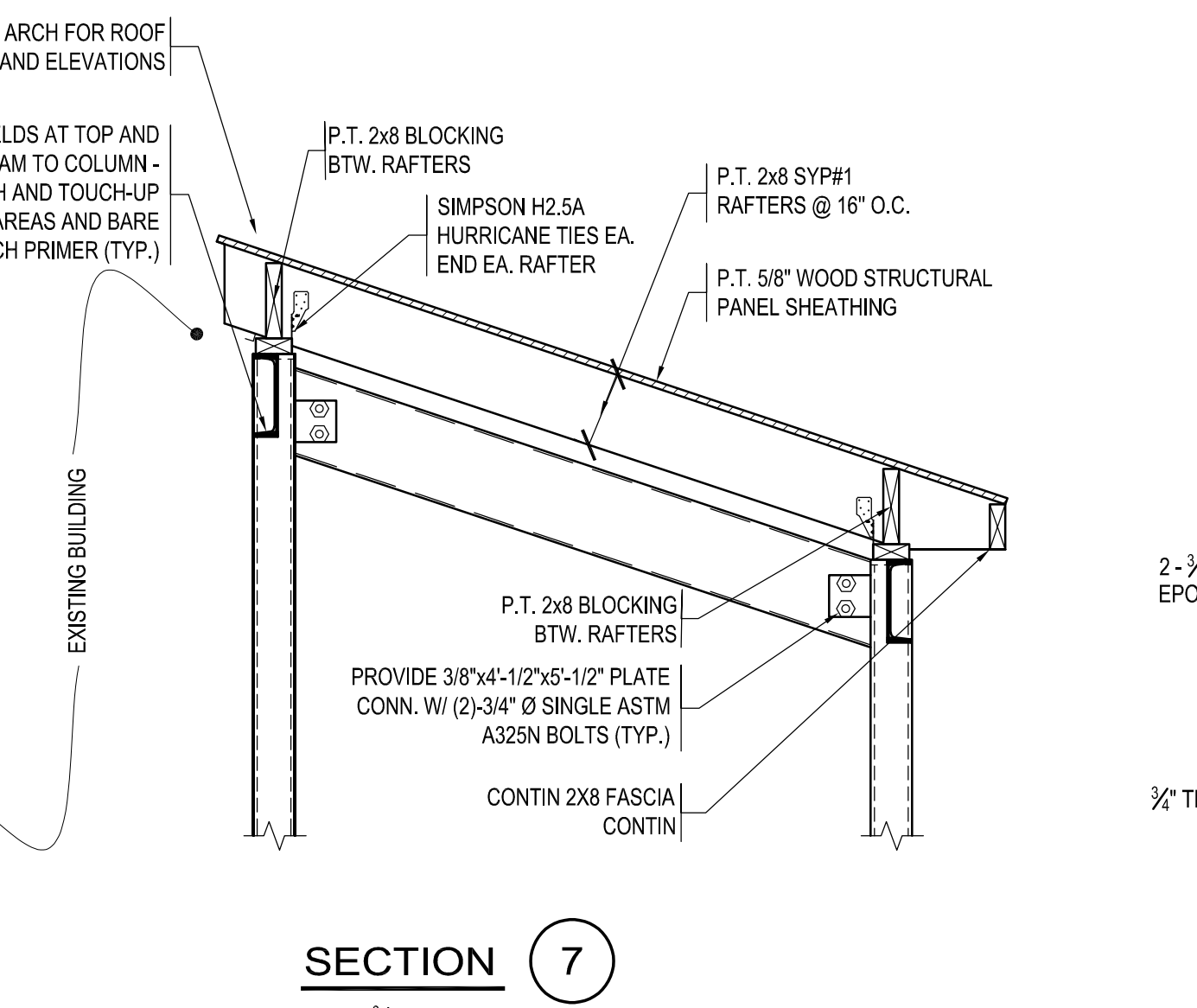
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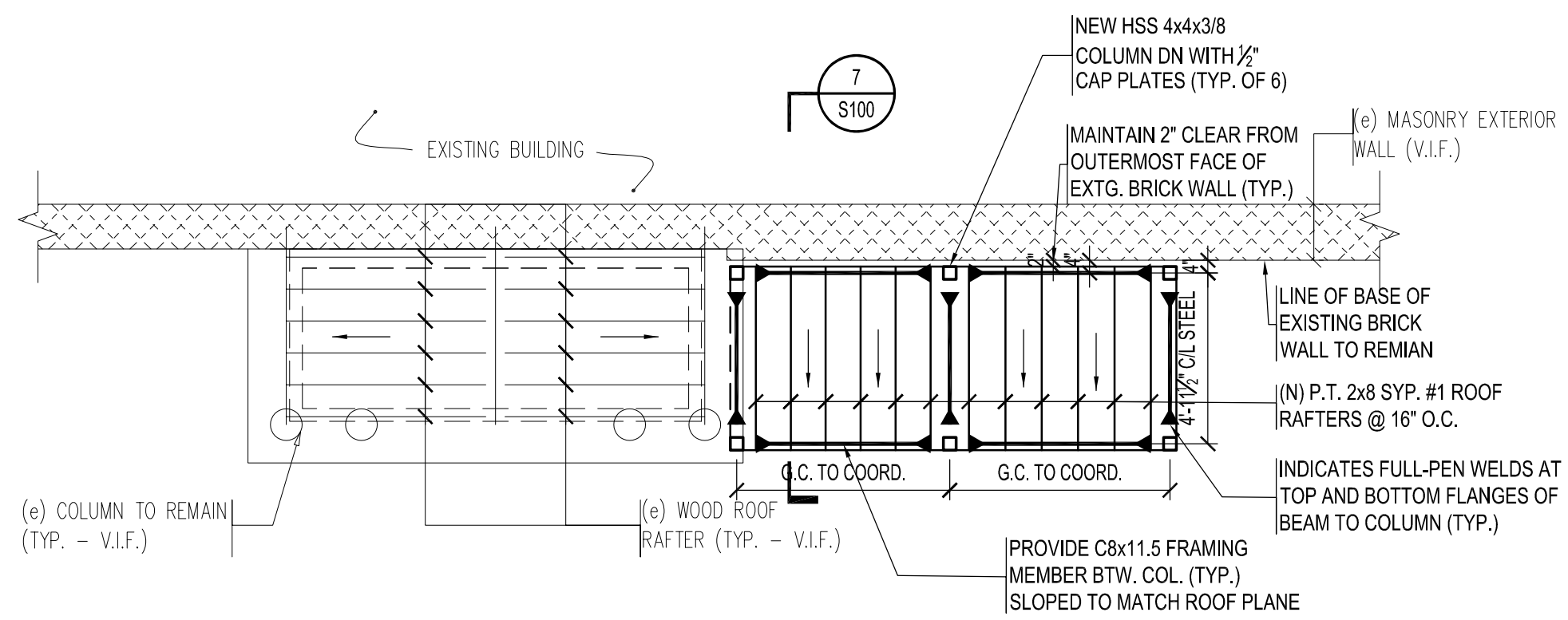
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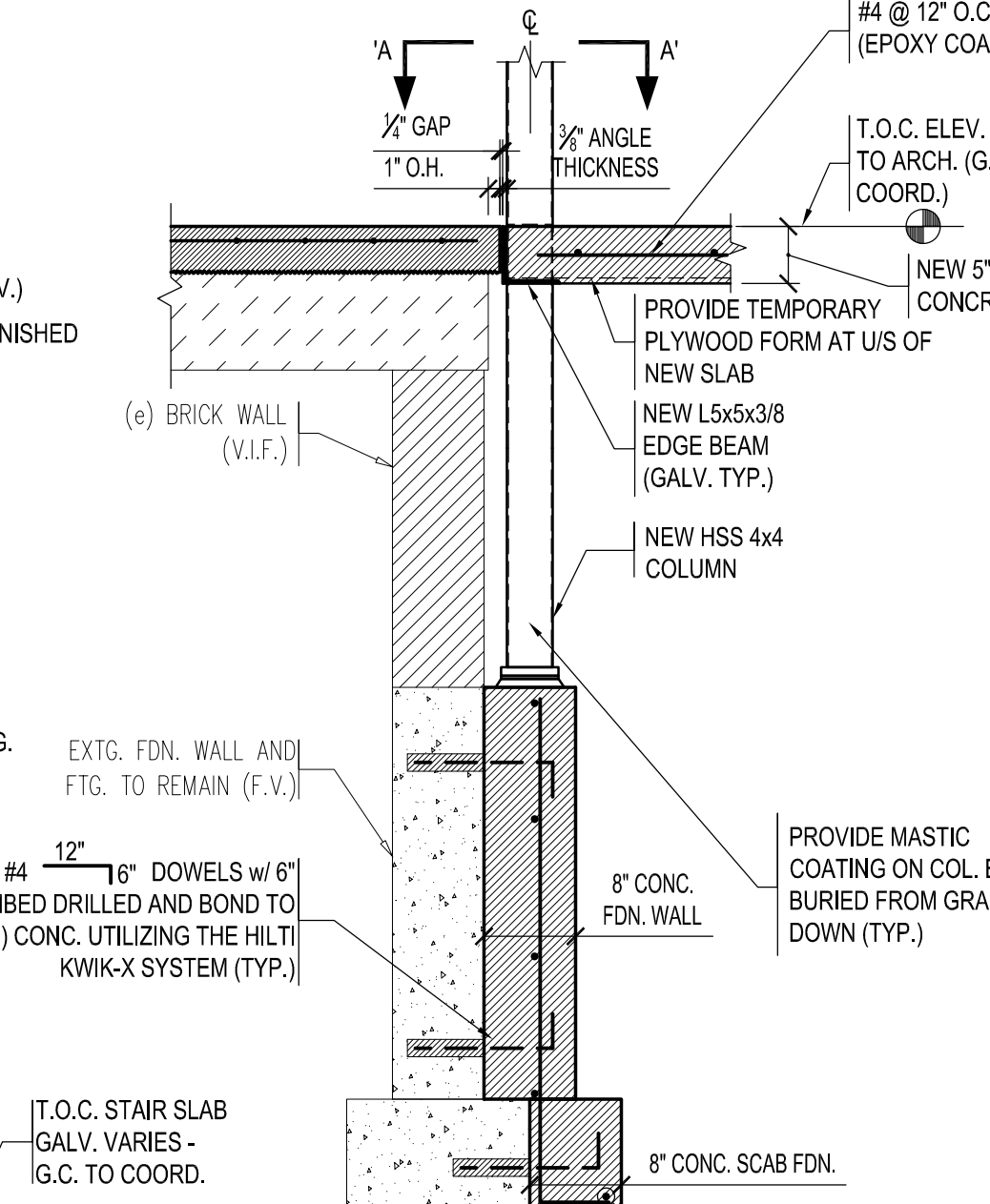
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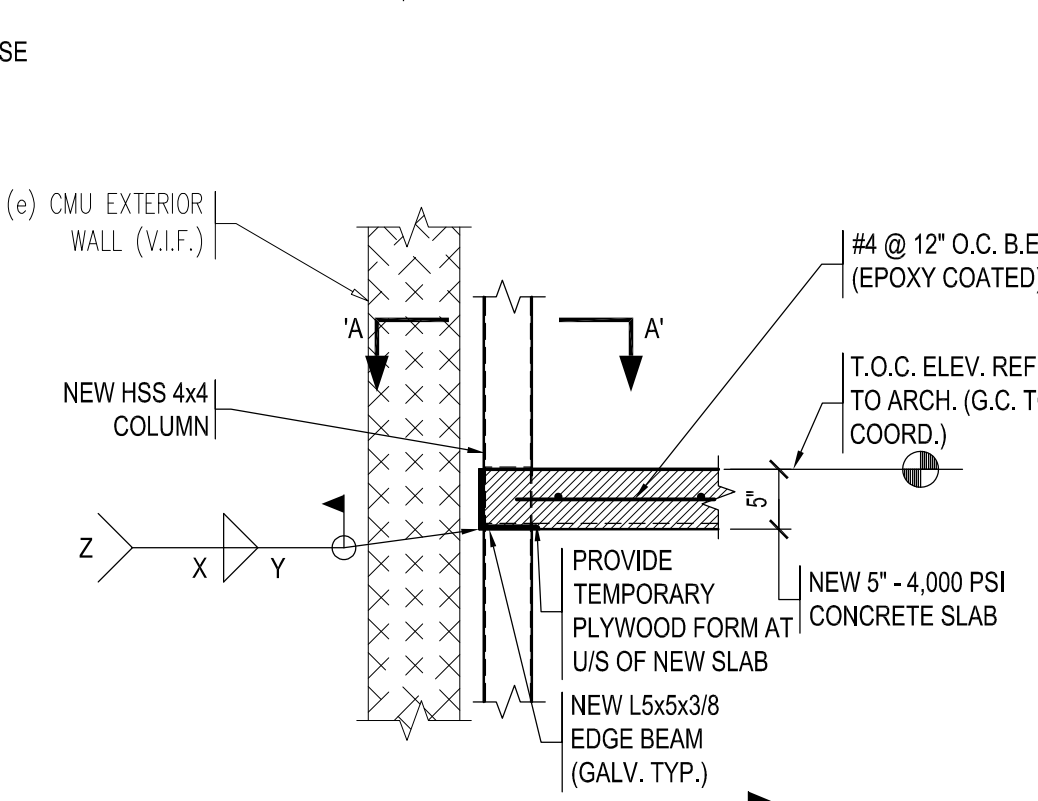
SECTION 7



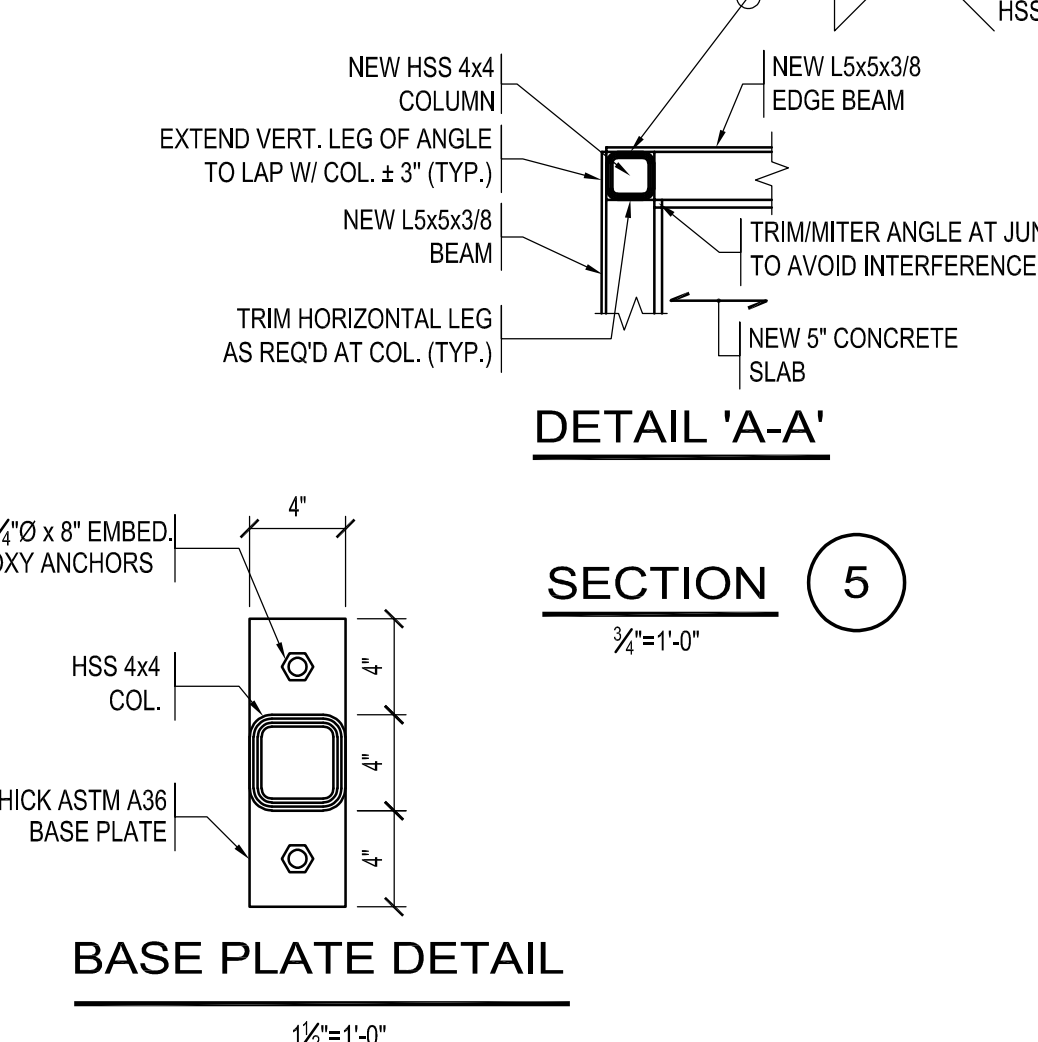
EXISTING ENTRY AND NEW LIFT ROOF FRAMING PLAN



SECTION 6



DETAIL 'A-A'



BASE PLATE DETAIL

GENERAL NOTES:

- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
- SHOP DRAWINGS FOR REINFORCING STEEL (INCLUDING ALL ACCESSORIES) SHALL BE SUBMITTED TO THE ENGINEER AND A STAMPED ACCEPTANCE RECEIVED BEFORE FABRICATION CAN PROCEED. ERECTION SHALL BE EXECUTED FROM ACCEPTED SHOP DRAWINGS ONLY.
- UNLESS OTHERWISE NOTED, DETAILS SHOWN ON ANY DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
- U.O.N. = UNLESS OTHERWISE NOTED.
- (e) DESIGNATION INDICATES AN EXISTING STRUCTURAL ELEMENT.
- (N) DESIGNATION INDICATES A NEW STRUCTURAL ELEMENT.
- CONTRACTOR MUST VERIFY EXISTING BUILDING WALL / SLAB (TOP OF STAIR) AND PARKING LOT (BOTTOM OF STAIR) GRADES / ELEVATIONS AND COORDINATE THE NEW WALL / FTG. / STAIR ELEVATIONS. ALSO, THE CONTRACTOR MUST COORDINATE THE NEW STRUCTURE OF THE STAIRS / RAMPS WITH THE ARCHITECTURAL LAYOUTS AND MINIMUM PATHWAYS, RUNS, TREAD / RISER DIMENSIONS, AND ETC.
- THE CONTRACTOR SHALL VERIFY THE EXISTING BELOW GRADE STRUCTURES AND CONDUIT IN THE VICINITY OF THE NEW WORK AND COORDINATE THE NEW WALL FOOTINGS WITH THE EXISTING MANHOLES. REPORT ANY CONFLICTS OR IMPACTFUL CONDITIONS TO THE OWNER AND ENGINEER BEFORE PROCEEDING WITH THE AFFECTED WORK.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE COMMONWEALTH OF MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION.

EXISTING CONSTRUCTION NOTES:

- ALL INFORMATION RELATING TO THE EXISTING STRUCTURAL CONDITIONS HAS BEEN DERIVED FROM THE FOLLOWING EXISTING STRUCTURAL DRAWINGS.
 - STRUCTURAL DRAWING LABELED "NOMAI, SUITE 217, DERBY ST. SHOPPES" CREATED BY TFM STRUCTURAL ENGINEERS ISSUED FOR PERMIT / CONSTRUCTION ON 02/19/2021.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND MEMBER SIZES AS INDICATED ON THE DRAWINGS. IN THE FIELD, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ALL TEMPORARY BRACING, SHORING, EARTH RETENTION SYSTEMS AND UNDERPINNING METHODS, AS REQUIRED, TO PREVENT DANGER TO PERSONS AND PROPERTY.
- ANY DIMENSION NOTED (a) ON PLAN SHALL BE COORDINATED AND VERIFIED BY THE CONTRACTOR, IN THE FIELD, PRIOR TO THE SUBMISSION OF STRUCTURAL STEEL SHOP DRAWINGS.

FOUNDATION NOTES:

- WHERE SHOWN ON THE DRAWINGS, THE NEW FOUNDATIONS SHALL BE SUPPORTED ON NATURALLY OCCURRING COMPETENT SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 2 KSF.
- CONTRACTOR SHALL PROOF COMPACT THE EXISTING SOIL AT BEARING ELEVATION PRIOR TO POURING OF THE NEW FOOTINGS OR PLACING NEW FILL.
- CONTRACTOR SHALL PROVIDE AN 8" LAYER OF WELL COMPACTED CRUSHED STONE OR STRUCTURAL FILL (OR OTHER ACCEPTED WELL DRAINING FILL MATERIAL) BELOW NEW STAIR FOUNDATION FOOTINGS AND DOWNTURNS.
- FOR CONSTRUCTION UNDER WINTER CONDITIONS, CONCRETE SHALL BE PROTECTED FROM FREEZING TEMPERATURES FOR AT LEAST 3-DAYS AFTER BEING POURED. CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF ACI 306 GUIDE TO COLD WEATHER CONCRETING.

CONCRETE (CAST-IN-PLACE) NOTES:

- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS (U.O.N.). ALL CONCRETE SHALL BE NORMAL WEIGHT, EXCEPT NEW SIDEWALK SLABS SHALL BE 5000 PSI. ALL CONCRETE SHALL CONTAIN 5% ± 1% ENTRAINED AIR.
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 (DEFORMED), AND SHALL BE FREE FROM LOOSE RUST AND SCALE.
- LAP ALL CONTINUOUS BARS 48 BAR DIAMETERS (MINIMUM).
- CLEAR CONCRETE PROTECTION FOR REINFORCING; (UNLESS OTHERWISE NOTED).
A. BOTTOM: 3"
S. SIDES: 2"
C. TOP: 2"
- NO BARS SHALL BE CUT OR OMITTED IN THE FIELD BECAUSE OF SLEEVES, OPENINGS, OR RECESSES. BARS MAY BE MOVED ASIDE WITHOUT CHANGE IN LEVEL WITH THE APPROVAL OF THE ARCHITECT.
- NO PIPES SHALL PASS THROUGH CONCRETE WITHOUT THE PERMISSION OF THE ENGINEER. GALVANIZED STEEL PIPE SLEEVES SHALL BE PROVIDED AND SPACED A MINIMUM OF THREE PIPE DIAMETERS APART. ALL OTHER SLEEVE LOCATIONS MUST BE SUBMITTED FOR REVIEW.
- ALL KEYS SHALL BE 2" BY 4" WITH BEVELED SIDES (UNLESS OTHERWISE NOTED).
- DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL 315.
- ALL REINFORCING ACCESSORIES FOR EXPOSED SURFACES SHALL HAVE UPTURNED LEGS AND BE PLASTIC DIPPED AFTER FABRICATION. ACCESSORIES FOR REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE ACI LATEST EDITION.
- ALUMINUM CONDUITS AND PIPES SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE UNLESS EFFECTIVELY COATED OR COVERED TO PREVENT ALUMINUM-CONCRETE REACTION OR ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.

STRUCTURAL STEEL NOTES:

- ALL STRUCTURAL STEEL MATERIALS, WORKMANSHIP, AND DETAILS SHALL CONFORM TO THE REQUIREMENTS OF AISC 303-10 AND AISC 360-10. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 - STRUCTURAL STEEL TUBES: ASTM A500, GRADE C (F_y=50 KSI)
 - STRUCTURAL PLATES: ASTM A572 (GRADE 50)
 - STRUCTURAL ANGLES: ASTM A572 (GRADE 50)
- ALL NEW EXTERIOR EXPOSED STRUCTURAL STEEL AND THEIR ASSOCIATED CONNECTIONS SHALL BE HOT-DIPPED GALVANIZED AND PRIMED/PAINTED PER THE ARCHITECTURAL SPECIFICATIONS.
 - GALVANIZED STEEL MUST BE CLEANED AND PROFILED PRIOR TO APPLYING THE PRIMER AND/OR PAINT TO THE GALVANIZED STEEL. CONTRACTOR TO VERIFY COMPATIBILITY OF ALL PRIMERS AND PAINTS WITH GALVANIZED SURFACES AND SUBMIT THE PRODUCT(S) TO THE ARCHITECT FOR APPROVAL PRIOR TO APPLICATION.
- SHOP OR FIELD WELDED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF AWS D1.1 "STRUCTURAL WELDING CODE - STEEL" BY THE AMERICAN WELDING SOCIETY AND SHALL USE E70 SERIES ELECTRODES. WHERE NO WELD SIZE IS INDICATED ON PLANS, DETAILS, OR SECTIONS, PROVIDE A MINIMUM OF 1/4" FILLET WELDS (ALL AROUND). ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL CERTIFICATIONS MUST BE CURRENT (I.E. WITHIN 12 MONTHS OF PERFORMANCE OF WELDING).
- SHOP OR FIELD BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F3125, GRADE A325 OR GRADE A490, WHERE NO BOLT SIZE IS INDICATED ON PLANS, DETAILS, OR SECTIONS, PROVIDE A MINIMUM OF 3/4" Ø GRADE A325 BOLTS.

REVISIONS:

PORTSMOUTH HOUSING AUTHORITY
CONNOR'S COTTAGE ADA LIFT
PORTSMOUTH, NEW HAMPSHIRE

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STRUCTURAL
PLANS AND
DETAILS

DATE:

DRAWN BY:

APPROVED BY:

SCALE: AS NOTED

JOB NUMBER: 22405

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ISSUED FOR CONSTRUCTION

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OF ELECTRICAL SYSTEMS

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CONNOR'S COTTAGE
PORTSMOUTH, NH 03801

ENTRY & LIFT POWER PLAN

Drawing No.: