

1. GENERAL

1.1 THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2007 AMERICAN BUILDING CODE (ABC) CODES, MATERIAL STANDARDS, AND SPECIFICATIONS REQUIRED TO QUALIFY THE LATEST EDITIONS

1.2 ALL REVISIONS AND ADDENDUMS ARE ADDRESSED AS REQUIRED IN THE GRC

1.3 BUILDING MATERIAL CATEGORY (TABLE 1.1) IS 1, 2, 3 OR 4 (SEE SECTION 1.1)

1.4 MISCELLANEOUS METAL

1.5 PROVIDE SHOP DRAWINGS TO THE ARCHITECT PRIOR TO FABRICATION, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER

1.6 DESIGN ALL GLASS TO MEET LATERAL LOADS DESCRIBED IN GRC CLAUSE 4.15.4

1.7 DESIGN ALL ALUMINUM SILL AND GROUND ANCHORS TO MEET LATERAL LOADS DESCRIBED IN GRC CLAUSE 4.15.4

1.8 DESIGN ALL STAIRS TO SUPPORT A MINIMUM LOAD OF 400 LB/FSQ

1.9 PROVIDE SHOP DRAWINGS TO THE ARCHITECT PRIOR TO FABRICATION, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER

1.10 THE RESPONSIBILITY OF THE CONTRACTOR WHO IS SUPPLYING AND INSTALLING STRUCTURAL COMPONENTS AND EQUIPMENT THAT ALL STRUCTURAL ELEMENTS AND EQUIPMENT, AND THEIR CONNECTIONS TO THE STRUCTURE, LISTED IN TABLE 1.1 & 1.2 OF THE GRC ARE DESIGNED IN ACCORDANCE WITH CLAUSE 4.15.4

1.11 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL MATERIALS, INCLUDING ACCOUNT BOOKS, STUDY CUTS, PENETRATIONS AND DOOR OPENINGS, CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL ALL ANCHOR BOLT

1.12 THE USE OF ANY RESTRAINTS, SUCH AS BRACKETS, TO HOLD THE STRUCTURE TOGETHER TO PREVENT THE DESIGN OF MASSORY PARTITIONS, THE MASSORY REINFORCEMENT PROVIDED SHALL NOT BE LESS THAN THAT REQUIRED BY THE TYPICAL DESIGN OF MASSORY PARTITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CALCULATIONS AND DRAWINGS, STAMPED AND SIGNED BY LICENSED PROFESSIONAL ENGINEER

| LINTEL NOTES  | A07 |
|---|-----|
| <p>UNLESS OTHERWISE SHOWN OR NOTED ON THE STRUCTURAL DRAWINGS, PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS AS FOLLOWS:</p> <ol style="list-style-type: none"> <li>1. ONE ANGLE 8x8 @ 12" ON CENTER (12" x 12" x 1/2") FOR EACH 100mm (4") OF WALL THICKNESS OR PORTION THEREOF.</li> <li>2. 20mm (3/4") DEEP MASONRY LINTEL REINFORCED WITH 1/4" (6.35mm) BOTTOM FOR EACH 100mm (4") OF WALL THICKNESS OR PORTION THEREOF.</li> <li>3. FOR OPENINGS FROM 120mm (4 7/8") CLEAR TO 180mm (7 1/8") CLEAR:</li> <li>2.1 ONE ANGLE 12x8 @ 8" LONG &amp; LONG VERTICAL 1/2" (12.7 x 3 x 3/8") FOR EACH 100mm (4") OF WALL THICKNESS OR PORTION THEREOF.</li> <li>OR</li> <li>2.2 20mm (3/4") DEEP MASONRY LINTEL REINFORCED WITH 1/4" (6.35mm) BOTTOM FOR EACH 100mm (4") OF WALL THICKNESS OR PORTION THEREOF.</li> <li>ALL LINTELS SHALL BE 10mm (3/8") MINIMUM AT EACH END OR SOLD MASONRY UNLESS SHOWN OTHERWISE.</li> <li>PAIRS OF LINTELS ANGLES ARE TO BE USED TO UNLOAD JOINTS THERE, PRIOR TO SHIPMENT AT MAXIMUM 400mm (16") CENTRES.</li> <li>MASONRY LINTEL BLOCKS MAY NOT BE USED IN MASONRY WALLS WITH PENNSION AND MUST BE FILLED WITH 20mm (3/4") CONCRETE. MORTAR IS NOT ACCEPTED.</li> <li>3. STEEL LINTELS ARE TO BE SUPPLIED BY STEEL CONTRACTOR BUT PLACED BY GENERAL CONTRACTOR OR OVERSEER SUB CONTRACTOR.</li> <li>STEEL CONTRACTOR TO SUPPLY ALL NECESSARY ORIGINATIONS REQUIRED FOR PLACING STEEL LINTELS.</li> <li>WALLS EXPOSED TO WEAR MUST BE SHOWN ON THE STRUCTURAL DRAWINGS AS SUCH AND THE EXPOSED LINTEL AND MASONRY CONTRACTOR AND ELECTRICAL SURFACES, ACCESSORIES AND PROTECTS ETC. SHALL BE SHOWN ON DRAWINGS AS SUCH. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROTECTIVE MEASURES TO PROTECT THE LINTELS REQUIRED THROUGHOUT THE WALLS INCLUDING PROTECTING BEARING WALLS THROUGHOUT THE PROJECT UNLESS OTHERWISE DIRECTED.</li> <li>4. REFER ALSO TO TYPICAL DETAILS.</li> </ol> |     |

[illegible]



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LICENSED PROFESSIONAL ENGINEER

R. POPPLEWELL

90501990

PROVINCE OF ONTARIO

ISSUED FOR CONSTRUCTION

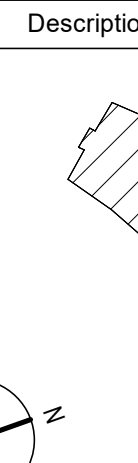
JUNE 27 2024

PROJECT NO:

Rev.

Description

Date



KEY PLAN

Drawing Title:

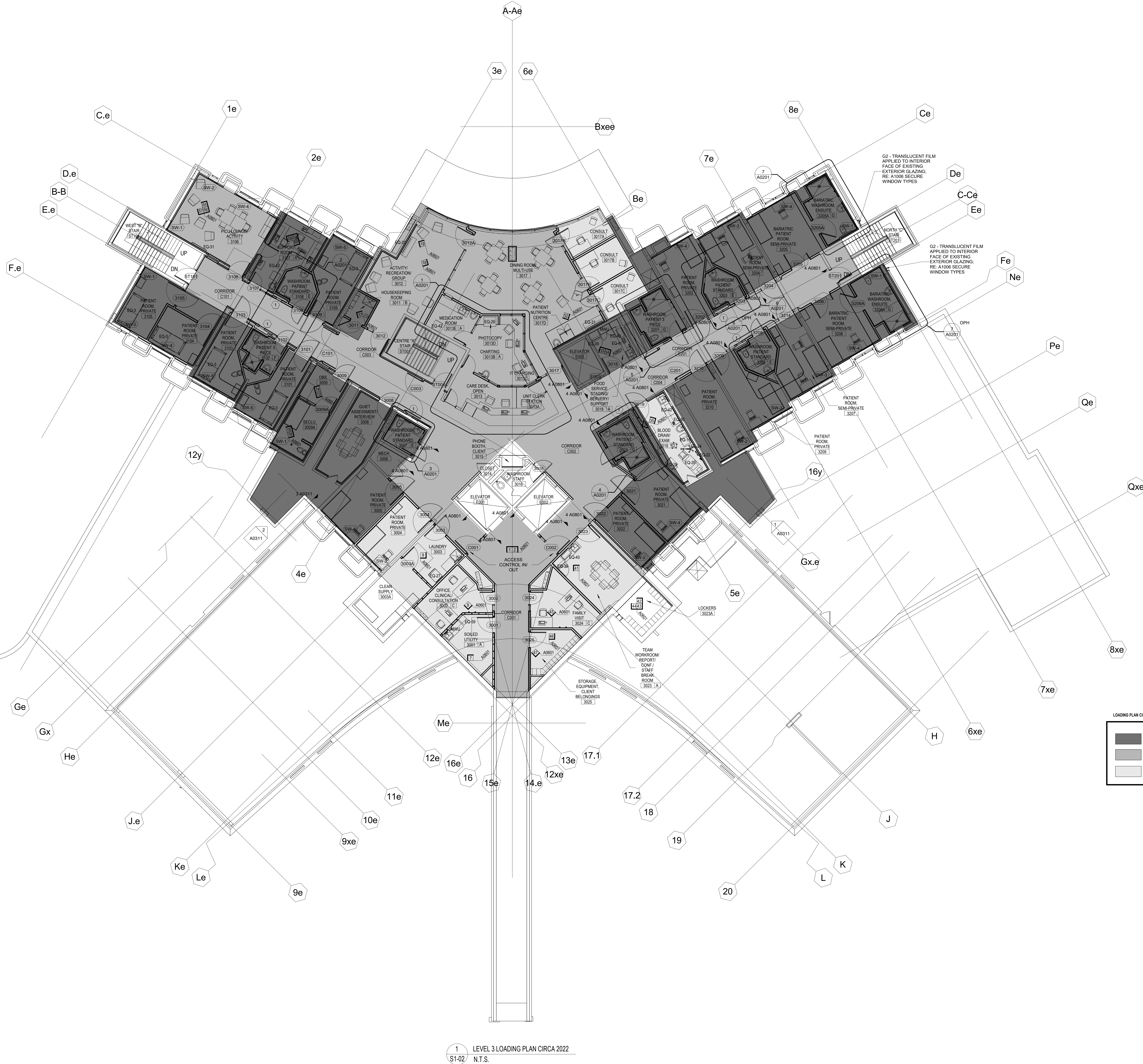
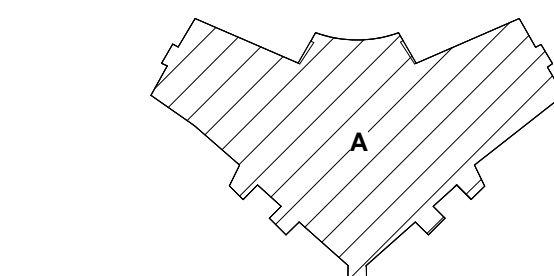
DESIGN NOTES AND  
DRAWING LIST

Project No.: 20201983

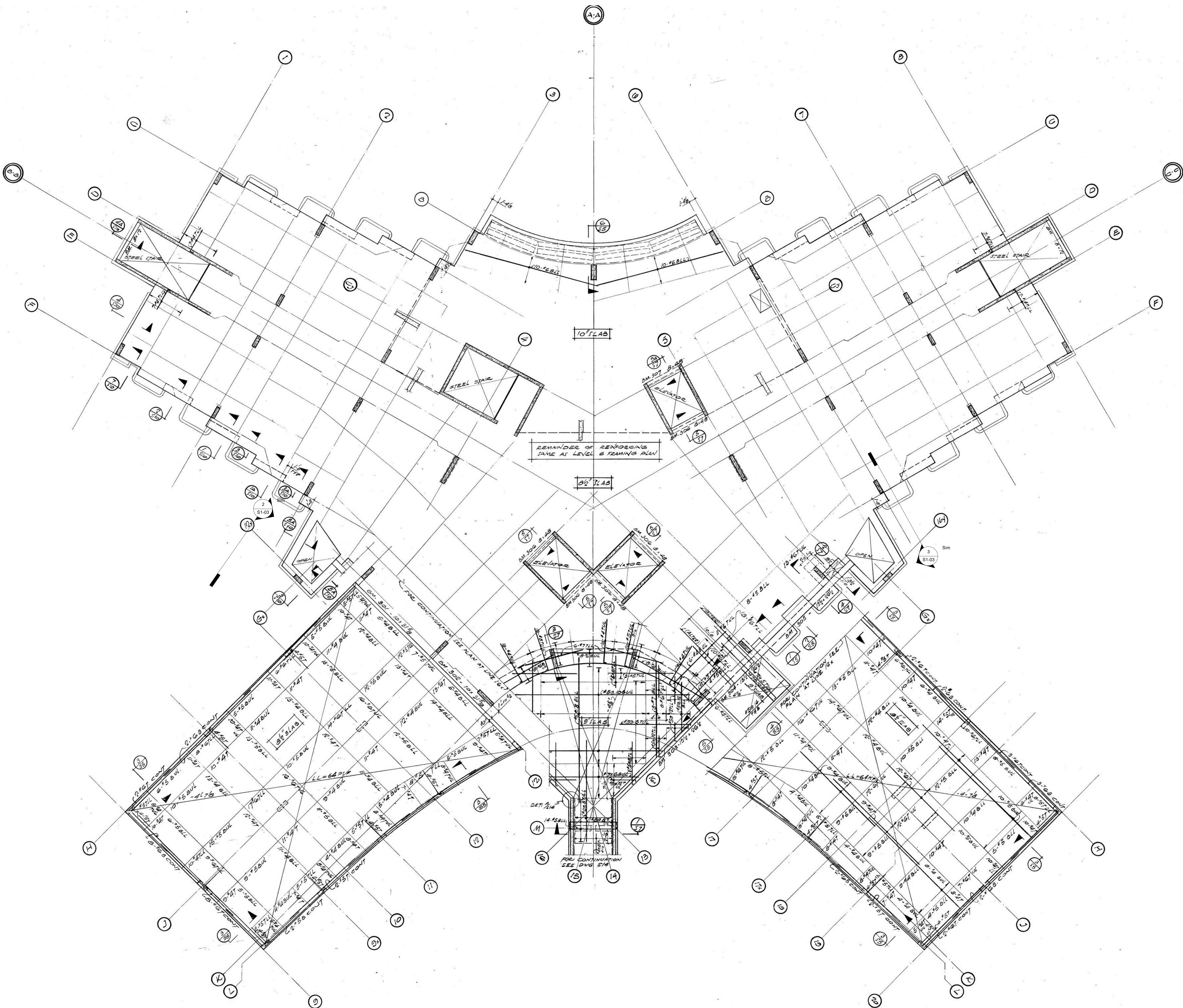
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S1-01





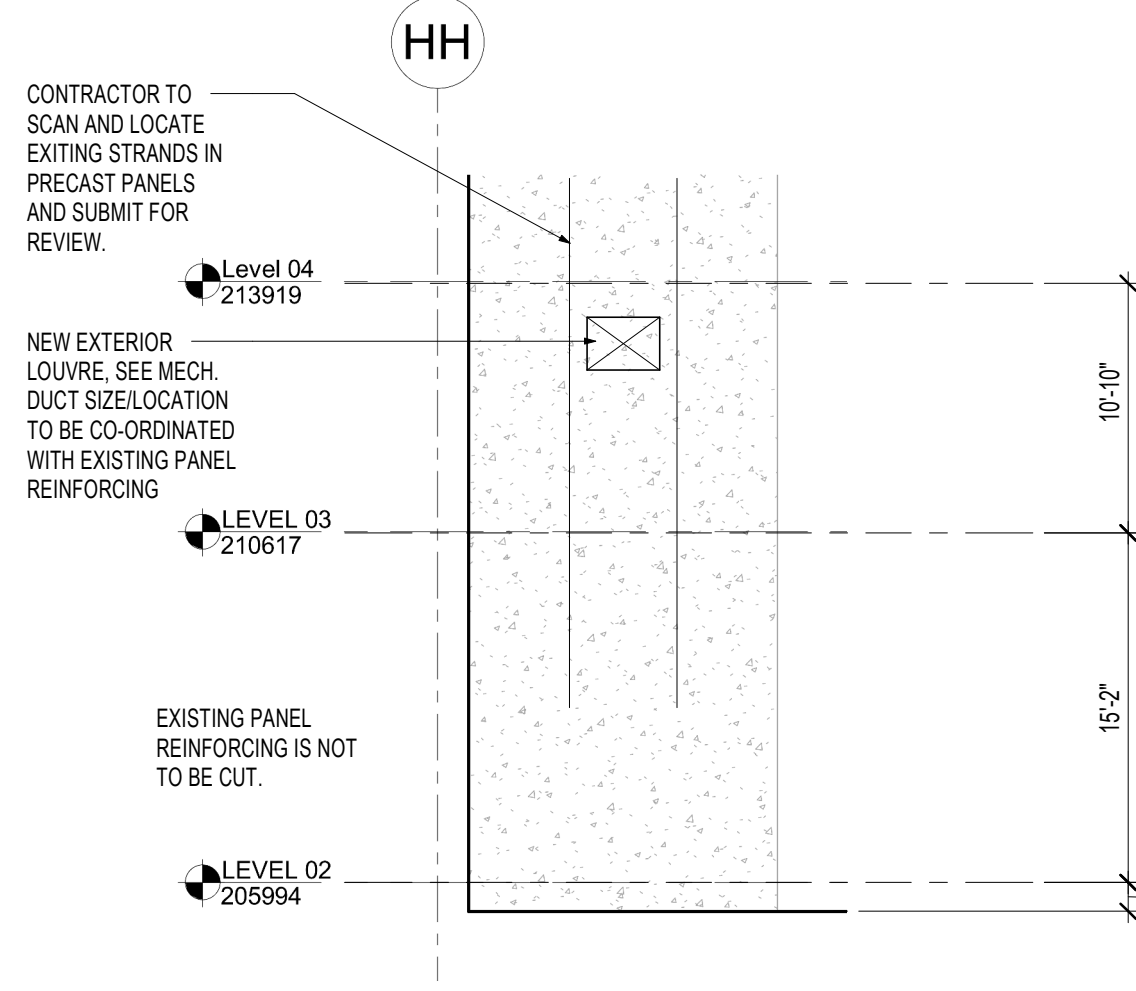




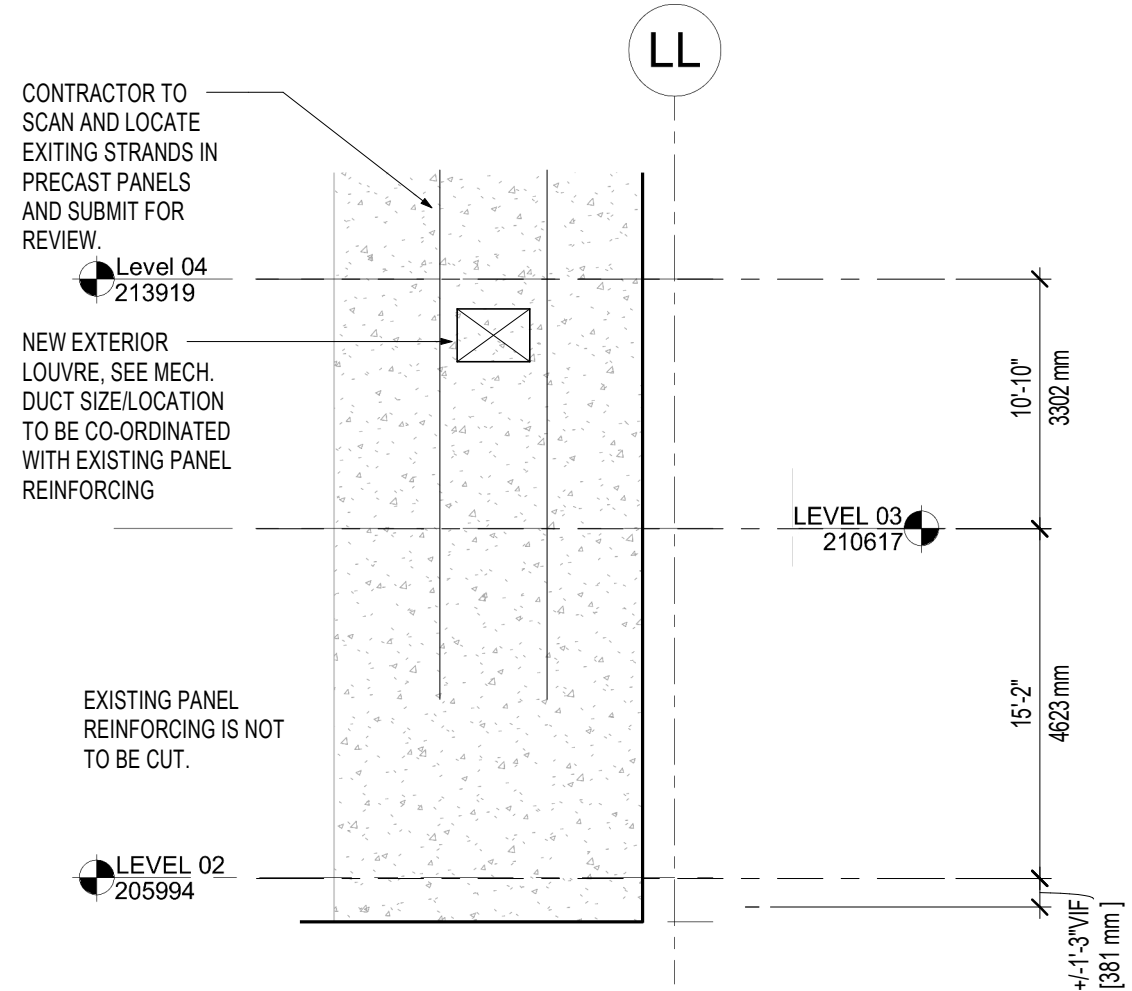
1 EXISTING 3RD FLOOR PLAN  
S1-03 N.T.S

EXISTING 3RD FLOOR SLAB

- STRUCTURAL INFORMATION WAS TAKEN FROM DRAWING S10 PREPARED BY GILLESPIE & JAVIS ARCHITECTS BEARING THE SEAL OF M.S. YOLLES P.ENG DATED 15.6.87
- ORIGINAL LOADING CIRCA 1987  
LIVE LOAD - 40PSF - 40PSF PARTITION ALLOWANCE WITH THE EXCEPTION OF CORRIDORS, TOILETS AND DINING AREAS LL=100PSF
- THE LEVEL 3 SLAB HAS BEEN CHECKED BASED ON LOADING INDICATED ON DRAWING S1-02 AND BASED ON OUR SELECTED CALCULATIONS THE 3RD FLOOR SLAB IS CAPABLE OF SUPPORTING THE LOADING INDICATED WITHOUT ANY ADVERSE EFFECTS
- CONTRACTOR TO X-RAY/SCAN ALL PROPOSED FLOOR PENETRATIONS AND NOTIFY ENGINEER 24HRS IN ADVANCE FOR ONSITE REVIEW PRIOR TO ANY CORING TAKING PLACE.

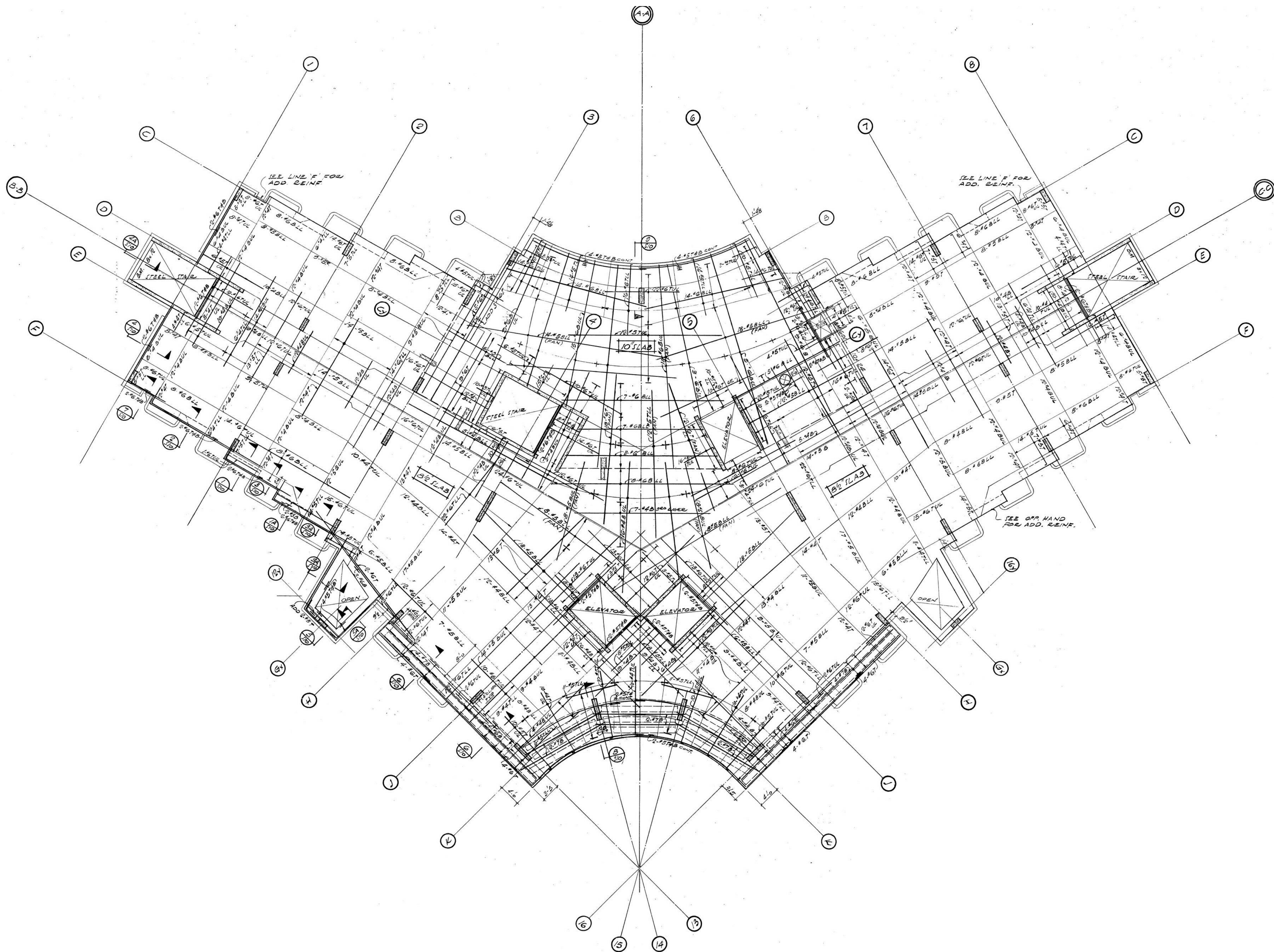


2 WEST EXTERIOR SHAFT WALL  
S1-03 1:100



3 EAST EXTERIOR SHAFT WALL  
S1-03 1:100





1  
S1-04  
EXISTING 6TH FLOOR PLAN  
N.T.S.

EXISTING 6TH FLOOR SLAB

1. STRUCTURAL INFORMATION WAS TAKEN FROM DRAWING S10 PREPARED BY GILLES AND JANS ARCHITECTS BEARING THE SEAL OF M.S.YOLLES P.ENG DATED 15.6.87
2. ORIGINAL LOADING CIRCA 1987  
LIVE LOAD = 40PSF + 4PSF PARTITION ALLOWANCE WITH THE EXCEPTION OF CORRIDORS AND DINING AREAS LL=100PSF