

STRUCTURAL NOTES

GENERAL NOTES

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.

ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. DO NOT SCALE DRAWINGS.

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUY'S OR TIEDOWNS.

ELECTRONIC VERSIONS OF THE STRUCTURAL DRAWINGS ARE THE SOLE, COPYRIGHTED PROPERTY OF SNELL ENGINEERING AND ARE NOT TO BE USED OR TRANSFERRED WITHOUT THE EXPRESS, WRITTEN PERMISSION OF SNELL ENGINEERING.

DESIGN LOADS:

THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 7TH EDITION (2020). THE FOLLOWING SUPERIMPOSED LOADINGS HAVE BEEN UTILIZED:

ROOF:		
FLAT ROOFS:	LIVE LOAD	- 20 PSF.
	DEAD LOAD	- 30 PSF. (3" MAX. LIGHT-WEIGHT INSULATING CONCRETE (48 PCF))

SEAL EQUIPMENT		
		- AS SHOWN

SLOPED ROOFS:	LIVE LOAD	- 20 PSF.
	DEAD LOAD	- 25 PSF.

STAIRWAYS:	LIVE LOAD	- 100 PSF.
	DEAD LOAD	- 30 PSF.

LIVING AREAS:	LIVE LOAD	- 40 PSF.
	DEAD LOAD	- 30 PSF.

AMENITY AREA/COMMUNITY ROOMS/YOGA STUDIO:	LIVE LOAD	- 100 PSF.
	DEAD LOAD	- 30 PSF.

CORRIDORS:	LIVE LOAD	- SAME AS OCCUPANCY SERVED
	DEAD LOAD	- 30 PSF.

WIND:	ASCE 7-16	
	ULTIMATE WIND SPEED	- 150 MPH
	ALLOWABLE WIND SPEED	- 116 MPH
	BREEZE	- 10 MPH
	ENCLOSED STRUCTURE	-
	RISK FACTOR	- 1

SEISMIC:	RISK CATEGORY II	
	SEISMIC IMPACT FACTOR	- 1.0
	SITE CLASS D	-
	SEISMIC DESIGN CATEGORY A	-
	Ss - 0.048 g	S1 - 0.027 g
	Ss6 - 0.021 g	S61 - 0.043 g

SEISMIC LATERAL FORCE RESISTING SYSTEMS:	R = 2	
	Cd = 2	

SHOP DRAWING REVIEW:

SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS AS TO QUANTITY, LENGTH, ELEVATIONS, DIMENSIONS, ETC.

ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER. DRAWINGS SUBMITTED WITHOUT REVIEW NOTATION WILL BE RETURNED UNCHECKED.

ONE SET OF PRINTS WILL BE RETAINED BY THE ENGINEER AND ONE BY THE ARCHITECT. THE CONTRACTOR SHALL RECEIVE THE REMAINING PRINTS FOR SUBMITTAL TO THE BUILDING DEPARTMENT AND AS REQUIRED FOR DISTRIBUTION.

IN ALL INSTANCES THE CONTRACT DOCUMENTS WILL GOVERN OVER THE SHOP DRAWINGS UNLESS OTHERWISE SPECIFIED IN A REQUEST FOR INFORMATION (RFI) OR SIMILAR DOCUMENTATION BY THE ENGINEER. SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT, APPLICABLE CODES AND DESIGN CRITERIA AND DETAILING OF ALL COMPONENTS NECESSARY TO ENSURE PROPER INSTALLATION OF THE COMPONENTS AND SYSTEM.

SHOP DRAWINGS SHOULD BE SUBMITTED FOR ALL COMPONENTS OF THE STRUCTURAL FRAMING SYSTEM, AS REQUIRED BY THE ARCHITECT, AND AS NOTED ELSEWHERE IN THESE NOTES, INCLUDING, BUT NOT LIMITED TO:

CONCRETE MASONRY BLOCKS
MASONRY BLOCK ACCESSORIES
MASONRY
CONCRETE REINFORCEMENT
STRUCTURAL STEEL (INCLUDING ANCHOR BOLTS)
PRE-ENGINEERED ALUMINUM FRAMING
PRE-CUT DRILLED Holes AND DETAILS
PRE-ENGINEERED STEEL STAIRS
PRE-ENGINEERED CONCRETE STAIRS
PRECAST CONCRETE COMPONENTS
PRECAST PARKING GARAGE
ANY ALTERNATE MATERIAL/PRODUCT SUBSTITUTIONS

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL TRADES AND CONSULTANTS, CROSS REFERENCE THEIR DRAWINGS WITH THE OVERALL DESIGN, AND PROVIDE TO EACH A COMPLETE SET OF DRAWINGS AND SUBMITTALS TO INSURE COMPATIBILITY OF CONSTRUCTION PER DESIGN INTENT.

THE GENERAL CONTRACTOR, OR THEIR SUB-CONTRACTOR, SHALL PROVIDE A SLAB PENETRATION PLAN. THIS PLAN SHALL INCLUDE ALL CHASES, SHAFTS, PENETRATIONS WITHIN 48" OF COLUMNS AND WALLS, AND ALL PENETRATIONS EXCEDING 3" DIAMETER. THE PENETRATION PLAN SHALL BE COORDINATED WITH STRUCTURAL, ARCHITECTURAL, MEP, AND LANDSCAPING PLANS. THIS PLAN MUST BE APPROVED BY THE DESIGN TEAM AND UTILIZED IN THE DEVELOPMENT OF THE PRECAST SLAB SUBMITTAL.

FOUNDATIONS:

SEE THE FOLLOWING REPORT FOR COMPLETE GEOTECHNICAL RECOMMENDATIONS AND INSTALLATION PROCEDURES. SITE PREPARATION AND FOUNDATION INSTALLATION SHALL COMPLY WITH THE REPORT NUMBER 41-2862 DATED: REVISED JULY 12, 2022 PREPARED BY: ECS FLORIDA, LLC TITLED: GEOTECHNICAL ENGINEERING REPORT - CITY SIDE DEVELOPMENT. THIS REPORT SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS.

SHALLOW FOUNDATION DESIGN IS BASED ON A SOIL BEARING PRESSURE OF 4,000 PSF. ALL FOUNDATIONS SHALL BE SUPPORTED ON REMEDIATED SOILS USING VIBRO-REplacement (STONE COLUMNS) WITH AN ALLOWABLE SOIL BEARING PRESSURE OF AT LEAST 4,000 PSF. SEE ABOVE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

AT PARKING GARAGE ENTRANCE, COMPACTOR ROOM, AND ACCESS TO COMPACTOR ROOM SLAB ON GRADE HAVE REINFORCED SLABS ON GRADE. THE MODULUS OF SUBGRADE REACTION IS ASSUMED TO BE 150 LB/IN². FOLLOW COMPACTION AND FILL GUIDELINES AS STIPULATED IN THE GEOTECHNICAL REPORT TO ACHIEVE THIS MODULUS.

PARKING GARAGE:

LOADS USED IN THE FOUNDATION DESIGN WERE SUPPLIED BY THE DELEGATED PARKING GARAGE ENGINEER AND TAKEN FROM DRAWINGS THAT WERE:

TITLE: BAYSIDE PARKING GARAGE LOCATION: SARASOTA, FL DATE: 10/1/2022 PREPARED: METROMONT ENGINEER: TRC WORLDWIDE ENGINEERING

LOADING PLANS:

TITLE: BAYSIDE PS ENGINEER: TRC WORLDWIDE ENGINEERING DATED: 12/01/2022

THE SYSTEM SHALL BE DESIGNED AND DETAILED BY THE MANUFACTURER TO SUSTAIN THE DESIGN LOADS SPECIFIED. THE DESIGN SHALL BE IN ACCORDANCE WITH PCI DESIGN HANDBOOK, AISC, ACI 318, AND FLORIDA BUILDING CODE.

THE PRECAST SLAB SHALL BE REGULARLY ENGAGED IN PRECAST MEMBER DESIGN AND MANUFACTURING. MANUFACTURER'S STANDARD COMPONENTS SHALL BE USED AND ARE TO BE IN FULL CONFORMANCE TO ALL APPLICABLE CODES.

THE PRECAST SLAB SHALL COORDINATE WITH ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS, AND SUBCONTRACTORS FOR THESE SERVICES. TO ACCOMMODATE ALL LOADINGS IMPOSED ON THE STRUCTURE, SHOP DRAWINGS SHALL CLEARLY IDENTIFY ALL LOCATIONS OF LOADING FROM ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION AND SIGN-SEALED STRUCTURAL CALCULATIONS SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL GARAGE DELEGATED ENGINEER.

SHOP DRAWINGS AND A LETTER OF CERTIFICATION SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. AND SHOP DRAWINGS SHALL BEAR THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER. SHOP DRAWINGS SHALL INDICATE THE DESIGN LOADS AND JOB NAME AND NUMBER. THEY SHALL INCLUDE DRAWINGS OF THE FRAMING MEMBERS WITH THE CONNECTIONS AND REACTIONS. THE ATTACHMENT OF THE PRECAST MEMBERS TO THE FOUNDATIONS SHALL BE DESIGNED AND DETAILED BY THE PARKING GARAGE DELEGATED ENGINEER.

THE FINAL DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED AS A SHOP DRAWING FOR REVIEW. NO FABRICATION SHALL PROCEED UNTIL THE SHOP DRAWING IS APPROVED. THE SHOP DRAWING MUST BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.

FORMWORK AND SHORING:

NO STRUCTURAL CONCRETE SHALL BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. DESIGN, ERECTION AND REMOVAL OF ALL FORMWORK SHORES AND RESHORES SHALL MEET THE REQUIREMENTS SET FORTH IN ACI STANDARDS 347 AND 301.

PENETRATIONS:

NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS WITHOUT PREVIOUS APPROVAL OF THE EOS, EXCEPT THOSE PENETRATIONS SHOWN ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHOULD SUBMIT DRAWINGS SHOWING ANY LOCATION WHERE OPENINGS, PENETRATIONS, OR ANY PLACE MORE THAN 3" PIPES OR CONDUITS ARE LOCATED IN A SLAB SYSTEM. ANY LOCATION IN A BEAM OR COLUMN WHERE MORE THAN 4% OF THE MEMBER SECTION IS REMOVED IN ANY ORIENTATION.

PLUMBING SLEEVES:

MINIMUM SLEEVE SPACING SHALL BE THREE DIAMETERS CENTER TO CENTER OF THE LARGER SLEEVE OR 6" CLEAR BETWEEN SLEEVES, WHICHEVER IS GREATER. PRIOR TO CONSTRUCTION SLEEVE LOCATIONS AND SIZES SHALL BE APPROVED BY THE ENGINEER. CONDUITS, PIPES AND SLEEVES SHALL BE PLACED AND SPACED IN ACCORDANCE WITH ACI 318.6.

REINFORCING STEEL:

SHALL BE ASTM A615 GRADE 60 DEFORMED BARS, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. SECURE APPROVAL OF SHOP DRAWINGS PRIOR TO COMMENCING FABRICATION.

WELDED WIRE FABRIC:

TO CONFORM TO ASTM A-165, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. MINIMUM LAP SHALL BE ONE SPACE PLUS TWO INCHES.

CONCRETE:

SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX.

3000 PSI FOR SHALLOW FOUNDATIONS AND 4" SLABS ON GRADE.
4000 PSI FOR ALL STRUCTURAL SLABS ON GRADE (GRADE >#4)
5000 PSI FOR ALL CONCRETE TRANSFER BEAMS AND CONCRETE BEAMS AND TIE BEAMS SUPPORTING THE SECOND FLOOR TRANSFER SLAB.
6000 PSI FOR ALL CONCRETE TIE BEAMS, UNLESS NOTED OTHERWISE ABOVE.
4000 PSI FOR ALL CONCRETE COLUMNS BELOW THE SECOND FLOOR TRANSFER SLAB.
4000 PSI FOR ALL OTHER STRUCTURAL CONCRETE, UNLESS

WATERCRAFT RATIO FOR CONCRETE AT EXTERIOR BALCONIES SHALL NOT EXCEED 0.40 BY WEIGHT AND HAVE 5,000 PSI MINIMUM 28-DAY COMPRESSIVE CAPACITY. ALL EXTERIOR CONCRETE SHALL BE COVERED, SEALER OR OTHERWISE PROTECTED FROM WEATHER UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR SHALL CONFIRM WITH THE ARCHITECTURAL PLANS. NOTIFY THE EOS OF ANY CONFLICTS.

SUBMIT PROPOSED MIX DESIGN FOR EACH PORTION OF WORK PRIOR TO USE. ALL MIX DESIGNS SHALL BE ACCOMPANIED BY A MINIMUM OF 15 FIELD STRENGTH TEST RECORDS, AS NOTED IN ACI 301 4.2.3(A); NO OTHER DOCUMENTATION OF AVERAGE COMPRESSIVE STRENGTH WILL BE ACCEPTED WITHOUT PRIOR WRITTEN APPROVAL BY THE EOS. MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER SPECIFIC IDENTIFICATION. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE. FOR ALL FLATWORK, AT LEAST 75% OF LARGE AGGREGATE SHALL CONSIST OF #3 STONE. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD C34 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE TICKETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED.

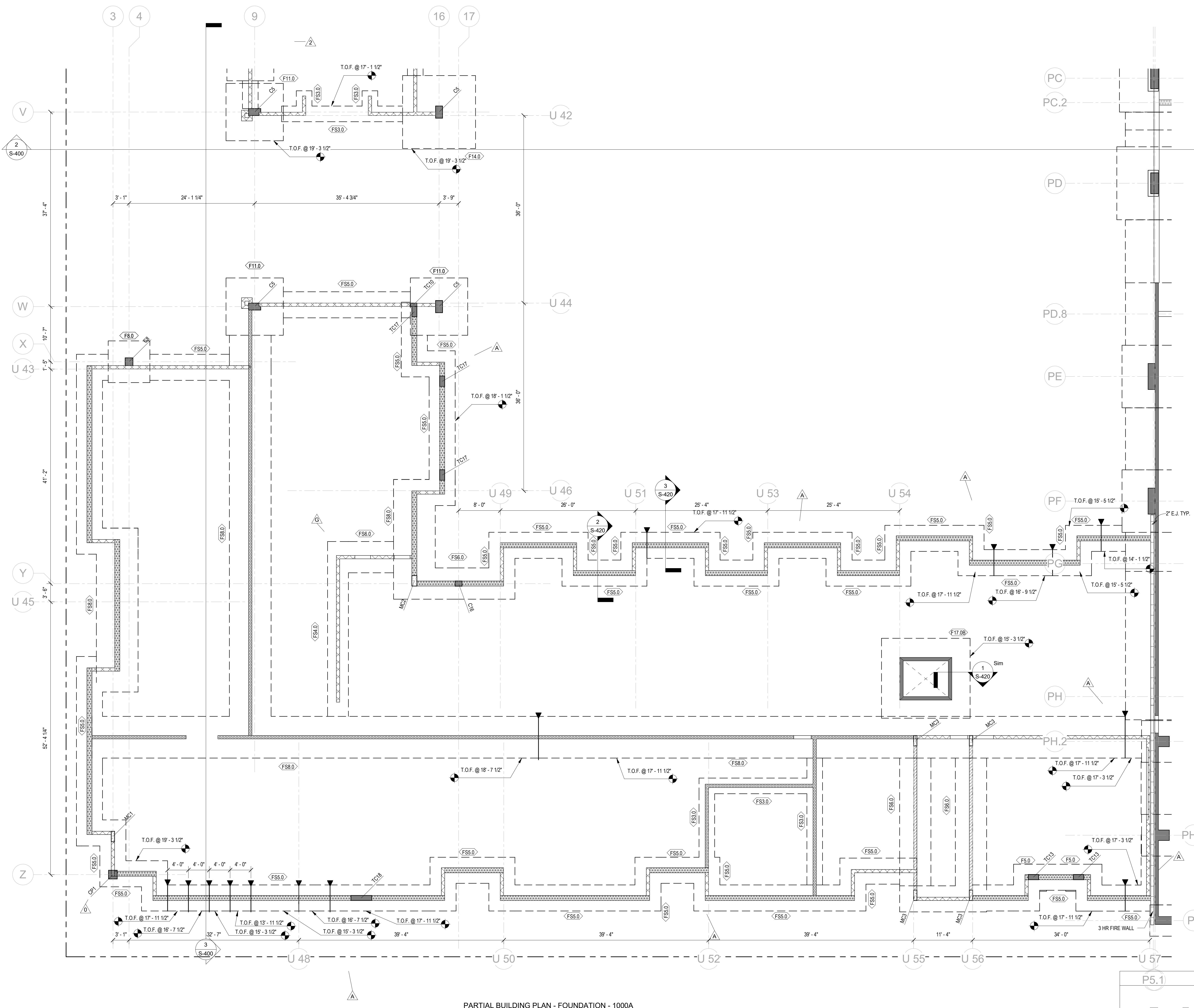
ALL CONCRETE MIX DESIGNS SHALL INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE STRUCTURE.

CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ALL STANDARDS AND SPECIFICATIONS, INCLUDING ALL ACI REQUIREMENTS.

THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY, THE CONCRETE SHALL BE TESTED AGAINST THE REQUIREMENTS OF ACI 301 4.2.3(B). THE CONTRACTOR SHALL NOTIFY THE EOS OF THE DELAY AND THE REASON FOR THE DELAY. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 50°F (10°C) FOR A PERIOD OF 24 HOURS. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 100°F (38°C) FOR A PERIOD OF 12 HOURS. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 140°F (60°C) FOR A PERIOD OF 6 HOURS. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 180°F (82°C) FOR A PERIOD OF 2 HOURS. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 200°F (93°C) FOR A PERIOD OF 1 HOUR. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 220°F (104°C) FOR A PERIOD OF 30 MINUTES. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 240°F (116°C) FOR A PERIOD OF 15 MINUTES. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 260°F (127°C) FOR A PERIOD OF 5 MINUTES. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 280°F (138°C) FOR A PERIOD OF 2 MINUTES. THE CONTRACTOR SHALL NOT USE CONCRETE THAT HAS BEEN EXPOSED TO TEMPERATURES ABOVE 300°F (149°C) FOR A PERIOD

SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236



MASONRY UNIT STRENGTH PER LEVEL	
FM	FLOOR
2000 PSI	TOP OF PARAPET ROOF
2000 PSI	FIFTH FLOOR
2000 PSI	FOURTH FLOOR
2500 PSI	THIRD FLOOR
3000 PSI	SECOND FLOOR
3000 PSI	FOUNDATION

WALL LEGEND

INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.

INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED (1) #6 AT CELL CORNERS, ENDS, INTERSECTIONS. EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.

INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 16" O.C. AT ALL OTHER LEVELS PROVIDE 1#5 AT 24" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) #6 FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AND BOND BEAM W-265 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE 1#6 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) #6 FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#6 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE 1#7 AT 8" O.C. AT SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#5 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) #6 FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.

INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#5 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (1) #6 FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.

INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED (1) #6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.

INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR FIREWALL. MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FOUNDATION PLAN NOTES:

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4" OF ALL SLAB STEPS; MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT N.A.V.
- SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- TOF INDICATES TOP OF FOOTING ELEVATION. SEE PLAN FOR TOP OF FOOTING ELEVATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED PLUMBING PENETRATIONS THROUGH STEM-WALLS AND ELEVATIONS. NO PENETRATIONS ARE PERMITTED THROUGH FOOTINGS. FOOTINGS MAY STEP AS SHOWN IN THE TYPICAL DETAIL ON S-301. NOTIFY ENGINEER OF STEP LOCATIONS BEFORE PROCEEDING WITH WORK.
- GROUND FLOOR SHALL BE A CONCRETE SLAB-ON-GRADE. U.N.O. REINFORCE W/ 6#6 W/ 4X4W1 A.W.W.F. AT MID-DEPTH.
- WHERE CONTINUOUS FOOTING INTERSECT WITH PAD FOOTINGS, CONTINUOUS REINFORCING SHALL BE CONTINUOUS THROUGH THE PAD FOOTING OR EXTEND A FULL DEVELOPMENT LENGTH INTO THE PAD FOOTING.

PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE/Below/BTU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

B/28/2024 3:29:15 PM
ENGINEER OF RECORD
Cordell S. Van Nestrand
FL P.E. # 67580
THIS DRAWING AND ASSOCIATED DOCUMENTS ARE THE EXCLUSIVE PROPERTY OF DWELL DESIGN STUDIO, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY DWELL DESIGN STUDIO, INC. THESE DRAWINGS AND DOCUMENTS ARE NOT TO BE USED ON ANY OTHER PROJECT WITHOUT PRIOR WRITTEN CONSENT FROM DWELL DESIGN STUDIO, INC. DWELL DESIGN STUDIO, INC. RESERVES THE RIGHT TO SUIT UPON ANYONE WHO USES THESE DRAWINGS ONLY THE DIMENSIONS WHICH ARE SHOWN IN INCHES.

KEY PLAN
COCOONUT AVE
BLDG 1000 BLDG 2000 BLDG 3000
MAY LANE SOUTH COURTYARD NORTH COURTYARD DOG PARK
BLDG 4000
FLORIDA AVE

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY BGN CHECKED BY EM

S-100A

T.O.F. ELEVATIONS ADJUSTED.

PARTIAL BUILDING PLAN - FOUNDATION - 1000B

1/8" = 1'-0"

KEY PLAN

The diagram illustrates the site plan for four buildings (BLDG 1000, BLDG 2000, BLDG 3000, and BLDG 4000) arranged along COCONUT AVE. and FLORIDA AVE. The buildings are interconnected by a network of walkways. The property is bounded by MAY LANE to the west and COCONUT AVE. to the east. Two courtyards are shown: the SOUTH COURTYARD and the NORTH COURTYARD. A large central area is labeled PARKING DECK. To the east of BLDG 3000 is a DOG PARK.

P5.1

DETAILED BUILDING

ARTIFICIAL BUILDING N - FOUNDATION -

1000B

ED FOR CONSTRUCTION

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MBER: 22037

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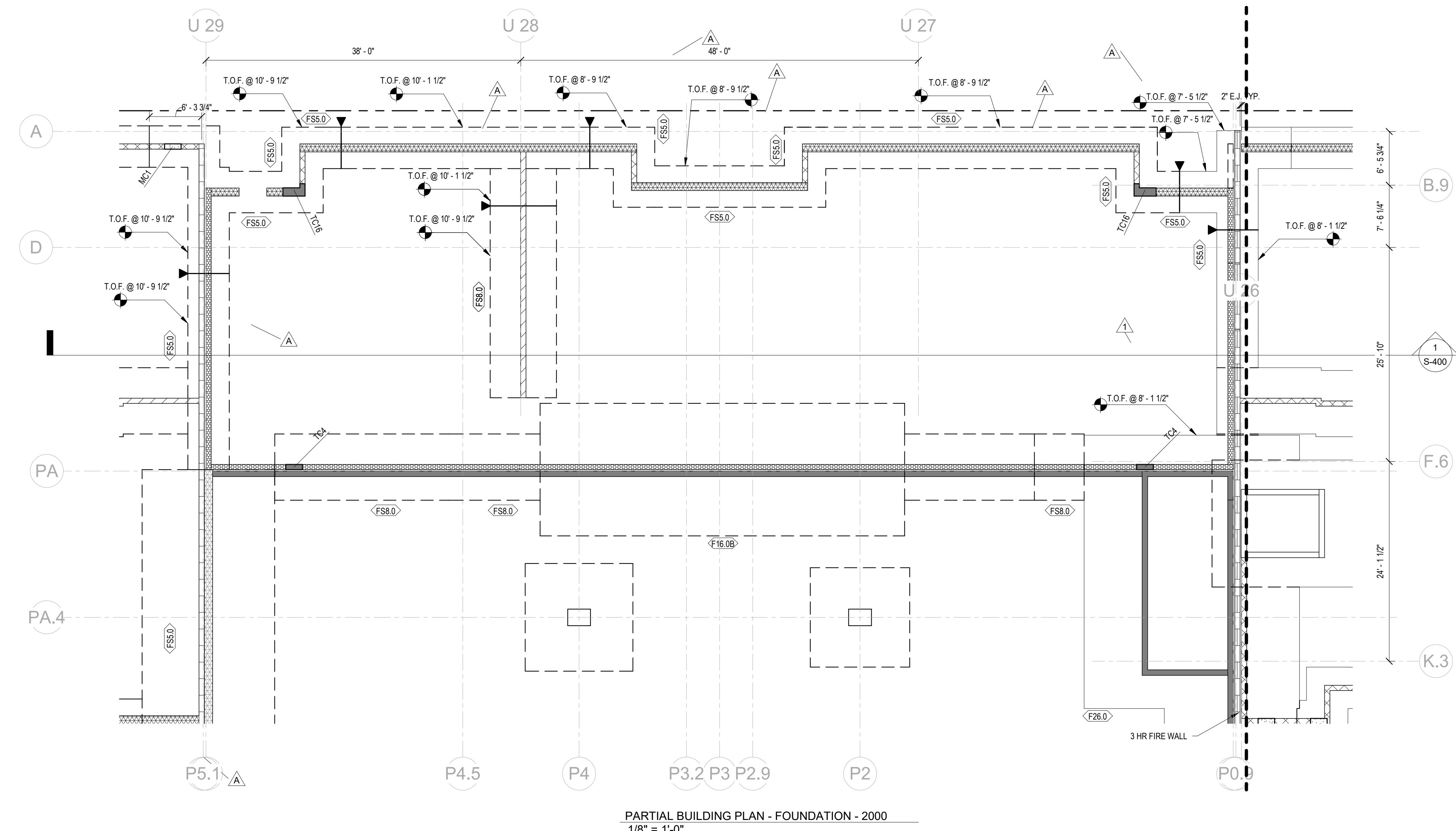
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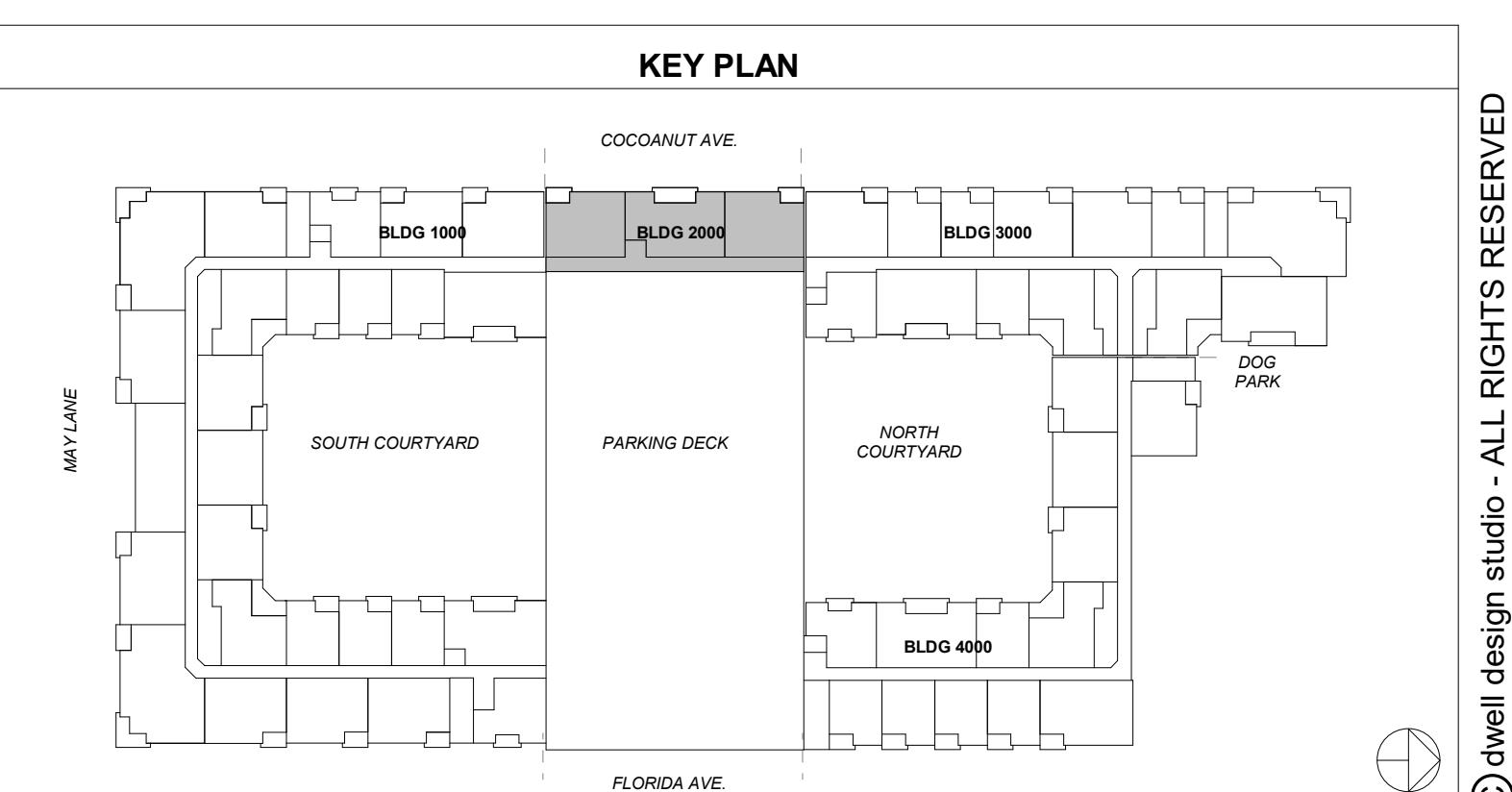
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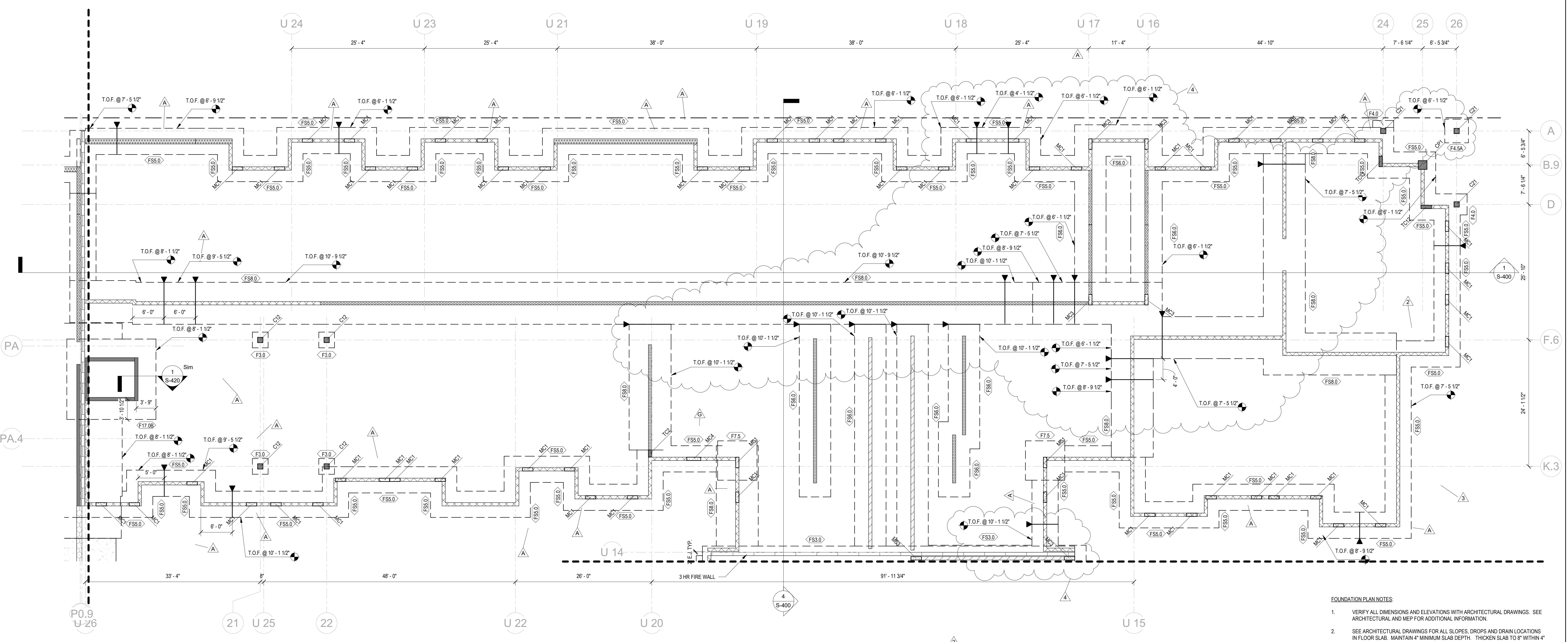
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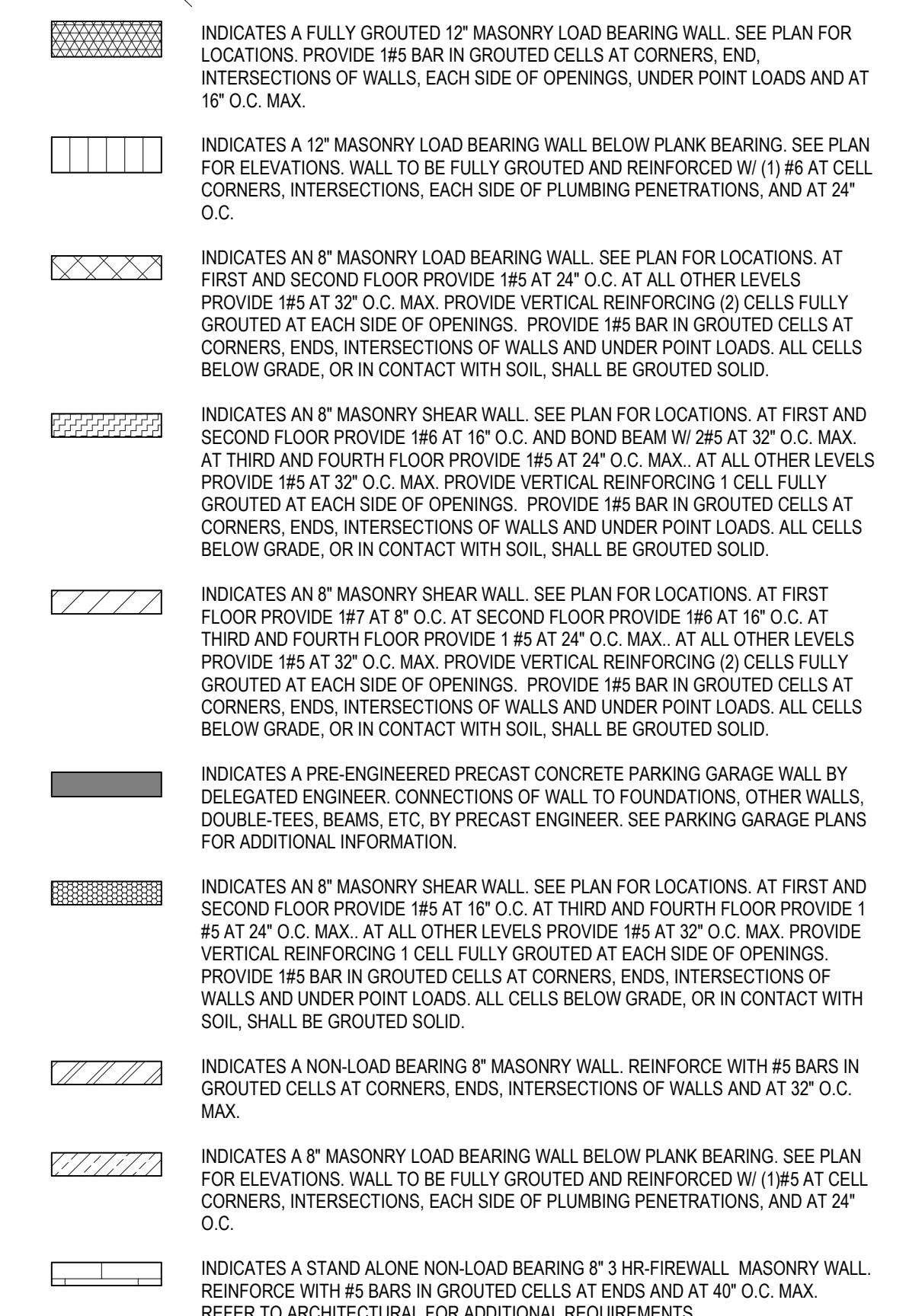
T.O.F. ELEVATIONS ADJUSTED.

PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE/Below/Through INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



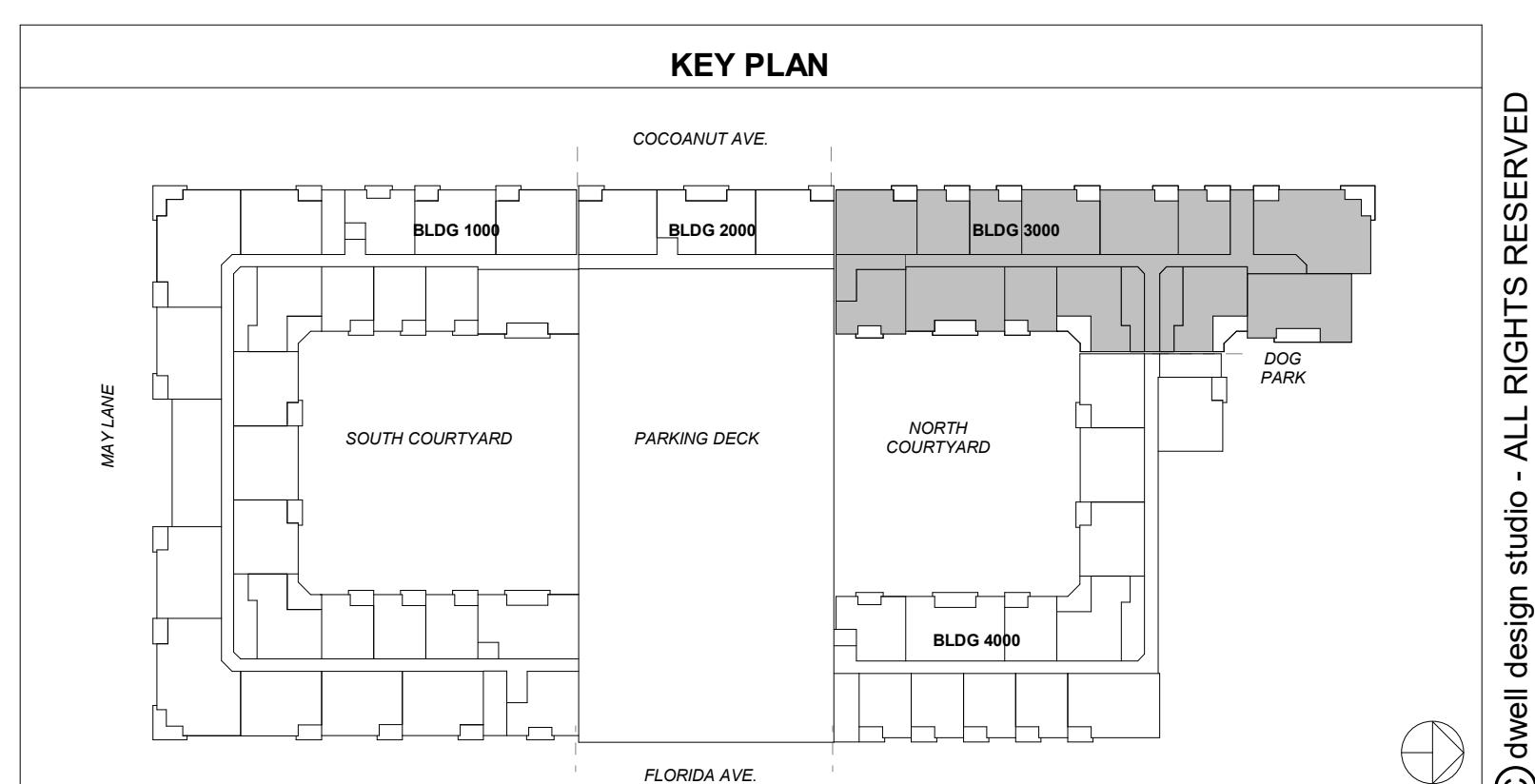


WALL LEGEND



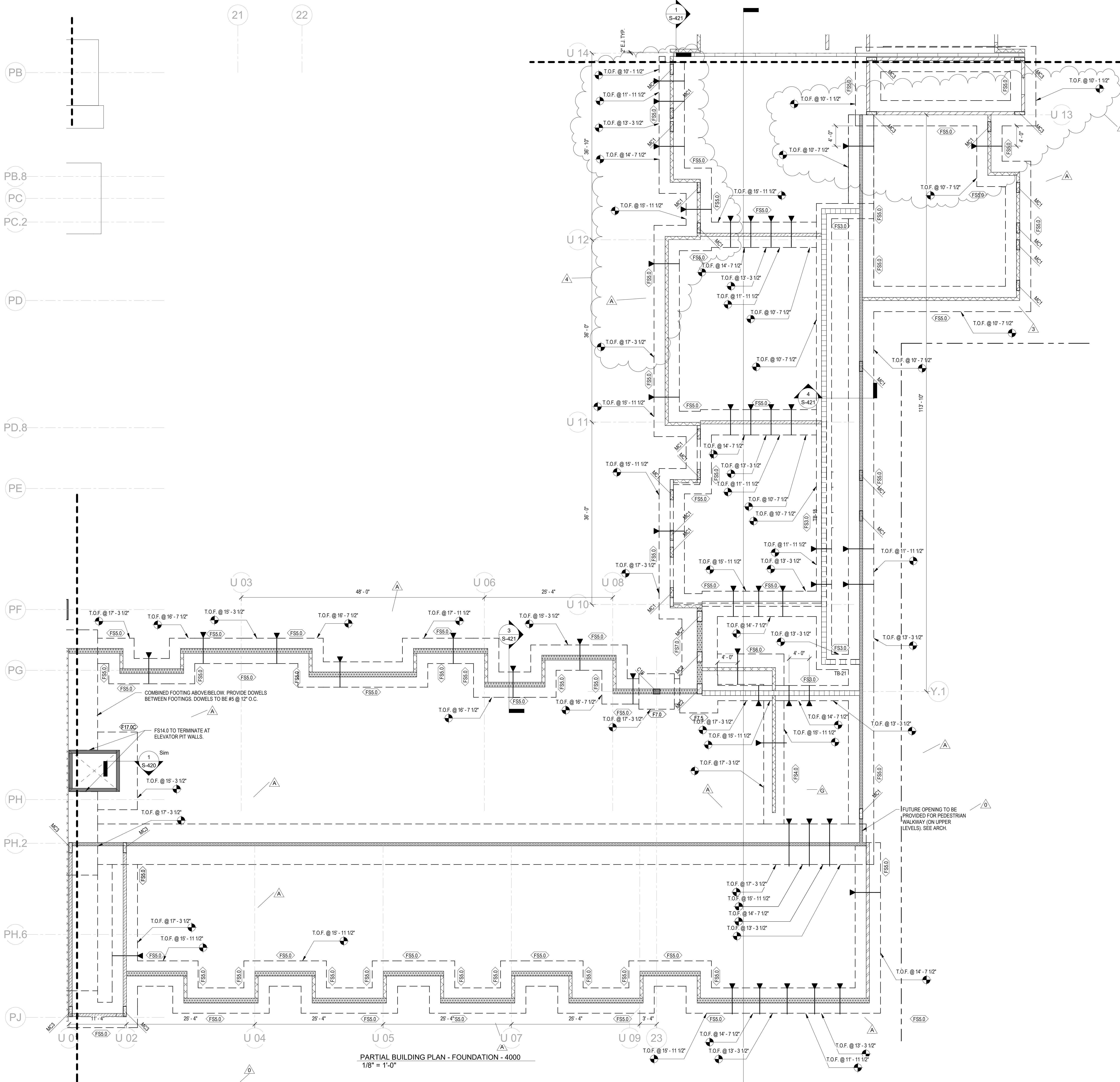
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SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236



WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #165 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS; EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED (#165 #6 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.).
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #165 AT 16" O.C. AT ALL OTHER LEVELS PROVIDE #165 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #165 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #165 AT 16" O.C. AND BON BEAM W-265 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #165 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #165 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #165 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #165 AT 8" O.C. AND SECOND FLOOR PROVIDE #165 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #165 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #165 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #165 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #165 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #165 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #165 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #165 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A 8" MASONRY LOAD BEARING WALL REINFORCED WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED (#165 #6 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.).
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR FIREWALL MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

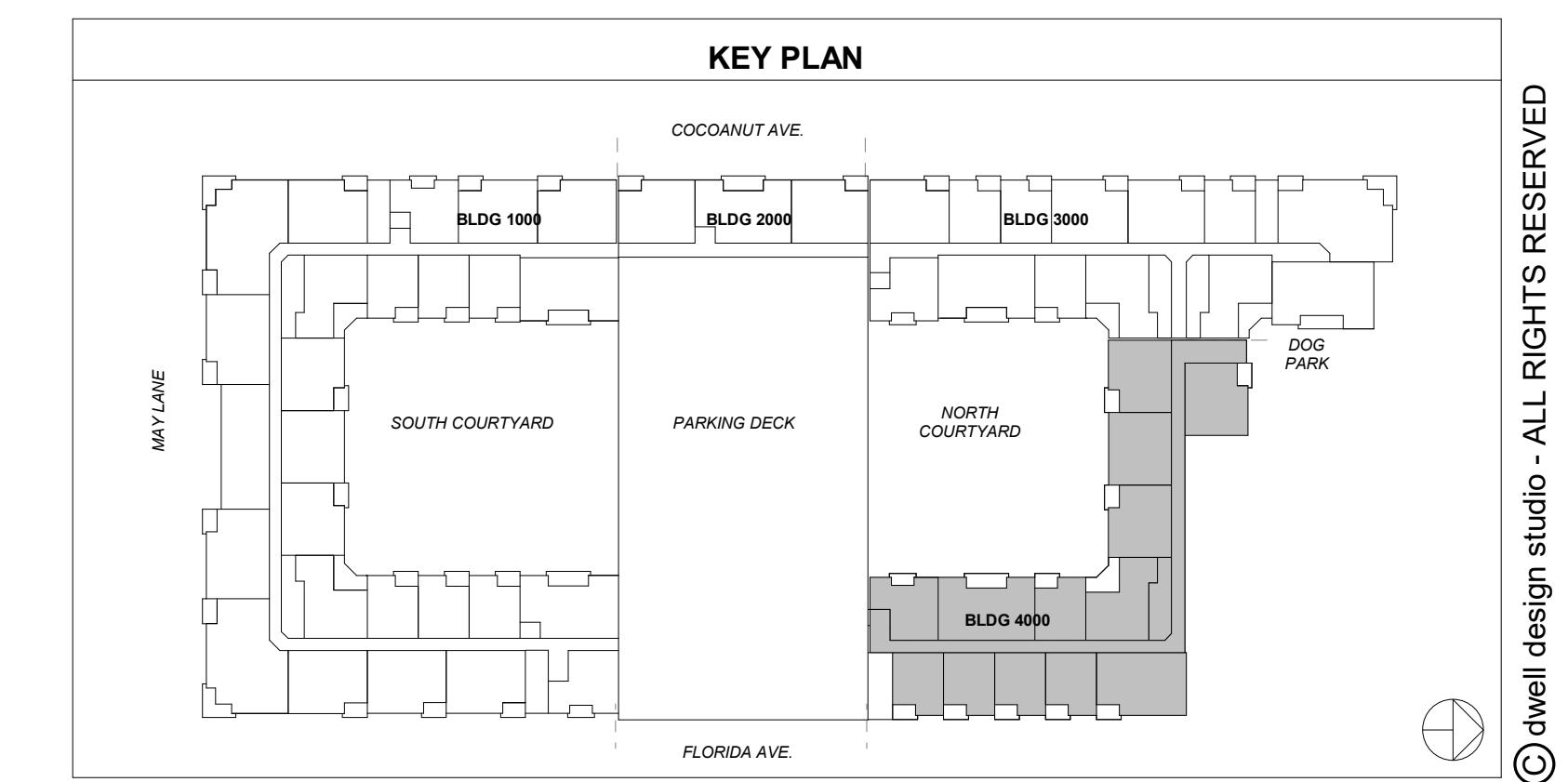
FOUNDATION PLAN NOTES:

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FOOTING SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH, THICKEN SLAB TO 8" WITHIN 4" OF ALL SLAB STEPS. MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT N.A.V.
- SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- TOP INDICATES TOP OF FOOTING ELEVATION. SEE PLAN FOR TOP OF FOOTING ELEVATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED PLUMBING PENETRATIONS THROUGH STEMWALLS AND ELEVATIONS. NO PENETRATIONS ARE PERMITTED THROUGH FOOTINGS. FOOTINGS MAY STEP AS SHOWN IN THE TYPICAL DETAIL ON S-301. NOTIFY ENGINEER OF STEP LOCATIONS BEFORE PROCEEDING WITH WORK.
- GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE. U.N.O. REINFORCE W/ 6X6 W1.4X14 I.W.W.F. AT MID-DEPTH.
- WHERE CONTINUOUS FOOTING INTERSECT WITH PAD FOOTINGS, CONTINUOUS FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH THE PAD FOOTING OR EXTEND A FULL DEVELOPMENT LENGTH INTO THE PAD FOOTING.

PLAN LEGEND

▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.

ABOVE/Below INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



SARASOTA BAYSIDE

800 COCONUT AVE.
SARASOTA, FL 34236

DESCRIPTION	INCLUDES
SCHEMATIC DESIGN	
DESIGN DEVELOPMENT	
50% CDs	
GMP/PERMIT	
PRICING ADDENDUM 1	
ADD. 2 FOUNDATION PERMIT	
STRUCTURAL GARAGE IFC	
STRUCTURAL BLDG PRECAST IFC	
ISSUED FOR CONSTRUCTION	

ON
DESCRIPTION
RE
CI ROUND 1 PERMIT COMMENTS
D. 2 FOUNDATION PERMIT

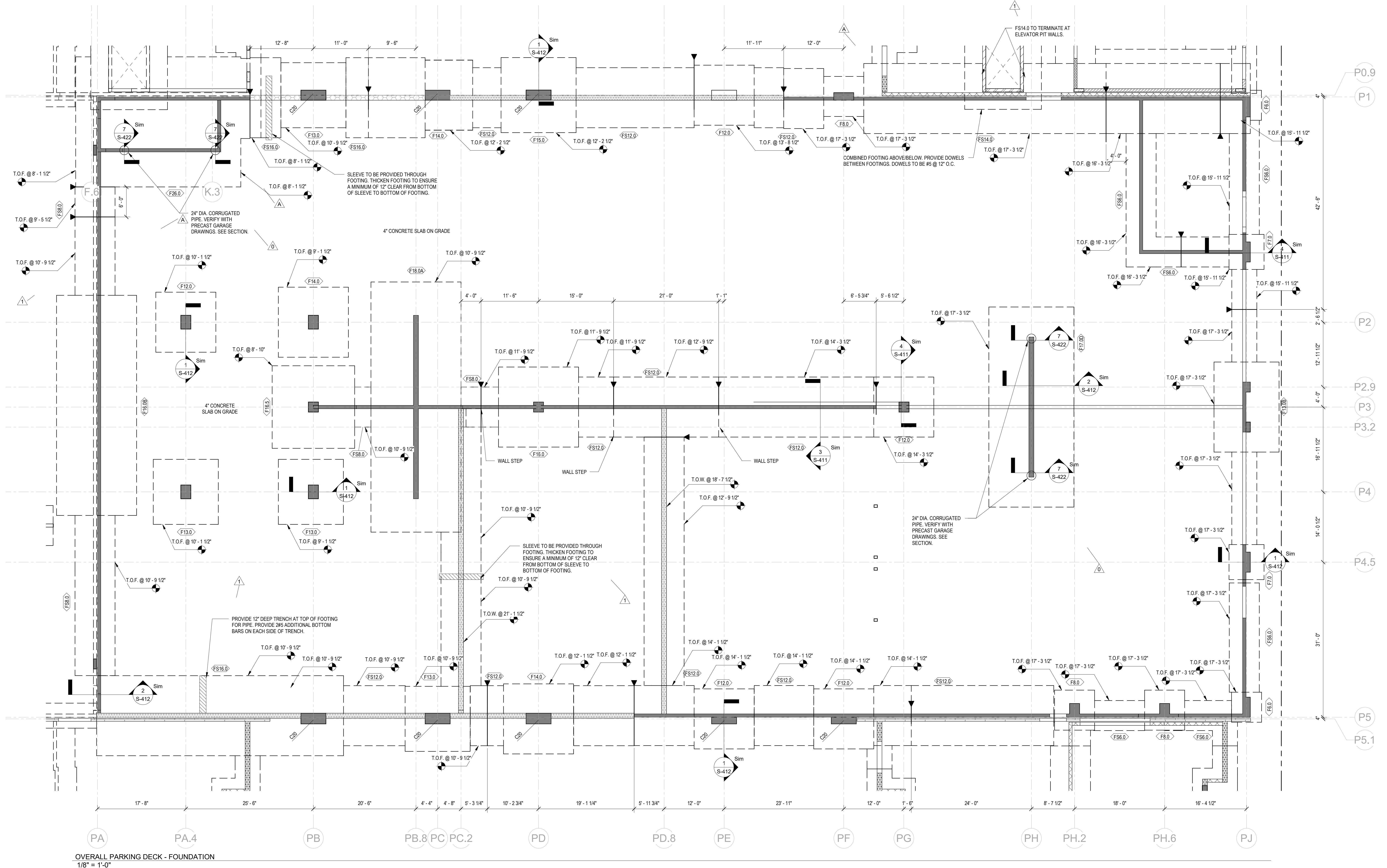
8/23/2024 3:29:22 PM
ENGINEER OF RECORD
Jordell S. Van Nostrand

OVERALL PARKING

ED FOR CONSTRUCTION

NUMBER: 22037

S-100F



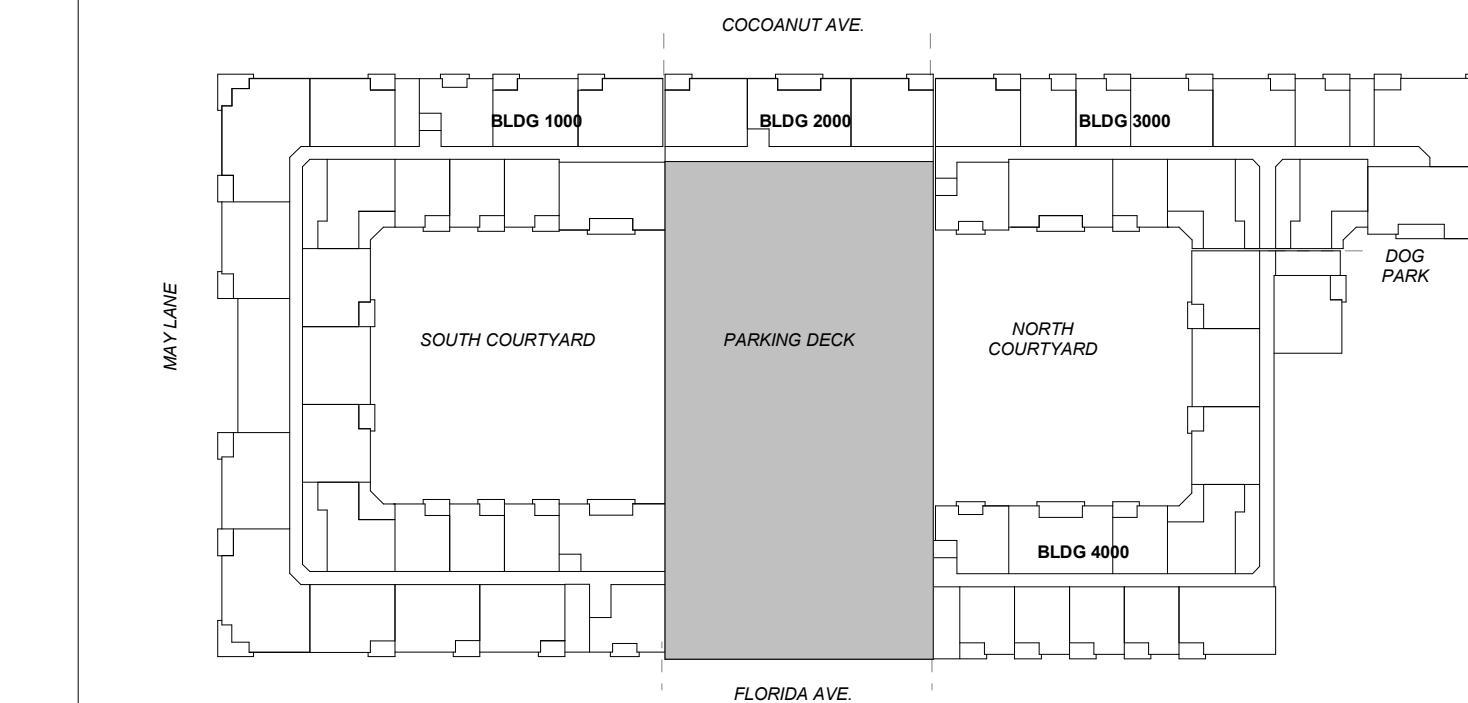
OVERALL PARKING DECK - FOUNDATION

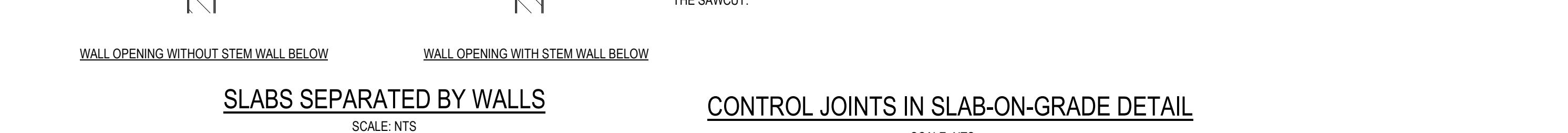
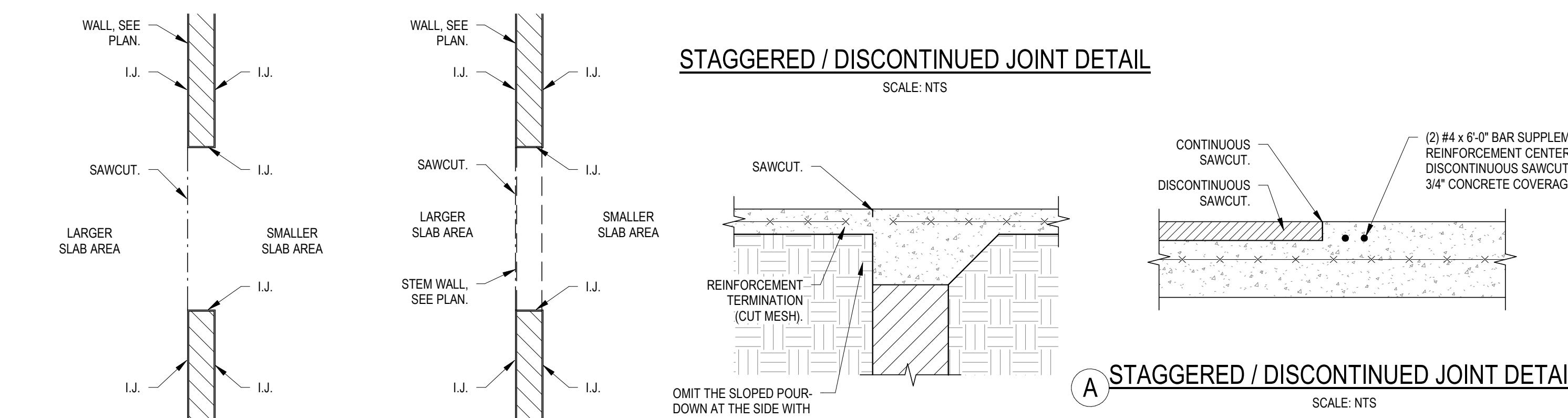
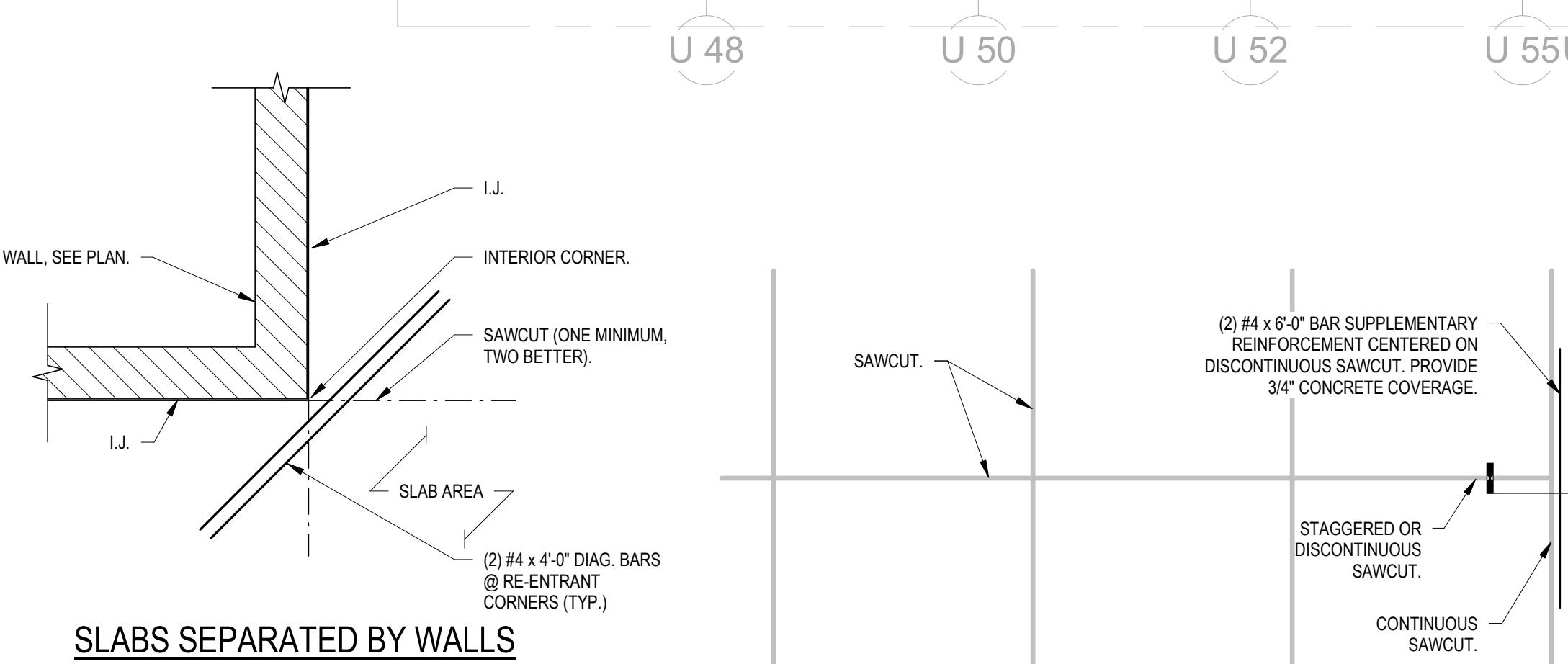
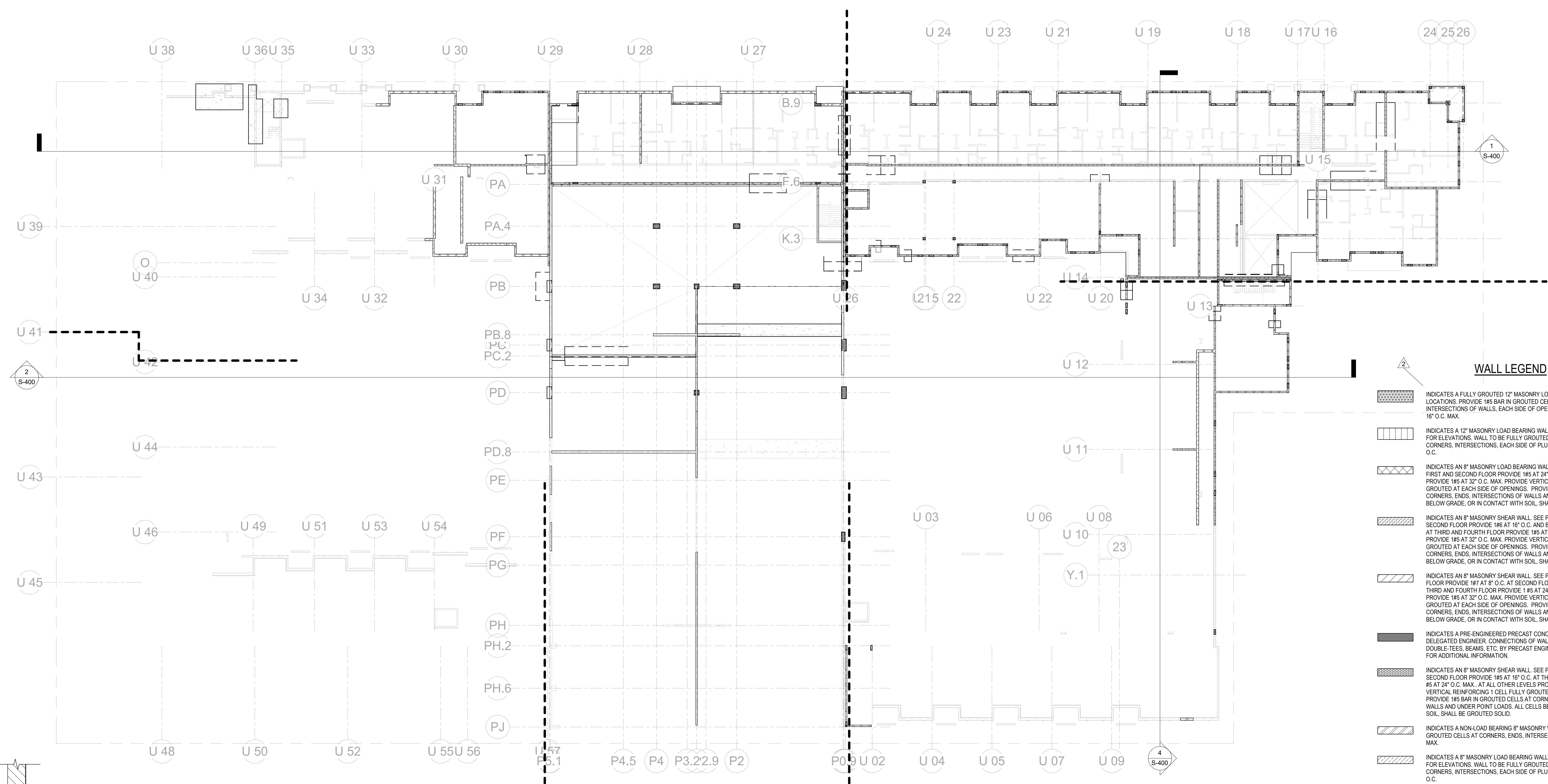
PARKING DECK -

PARKING DECK WALL LEGEND

-  INDICATES 12" CONCRETE RETAINING WALL, REINFORCED WITH #5 @ 12" VERTICAL BARS AND #4 @ 12" HORIZONTAL BARS, EACH FACE.
 -  INDICATES 12" CONCRETE RETAINING WALL, REINFORCED WITH #6 @ 12" VERTICAL BARS AND #4 @ 12" HORIZONTAL BARS, EACH FACE.
 -  INDICATES 8" CONCRETE WALL, REINFORCED WITH #5 @ 8" VERTICAL BARS AND #4 @ 8" HORIZONTAL BARS, CENTERED IN WALL.
 -  INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC, BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.

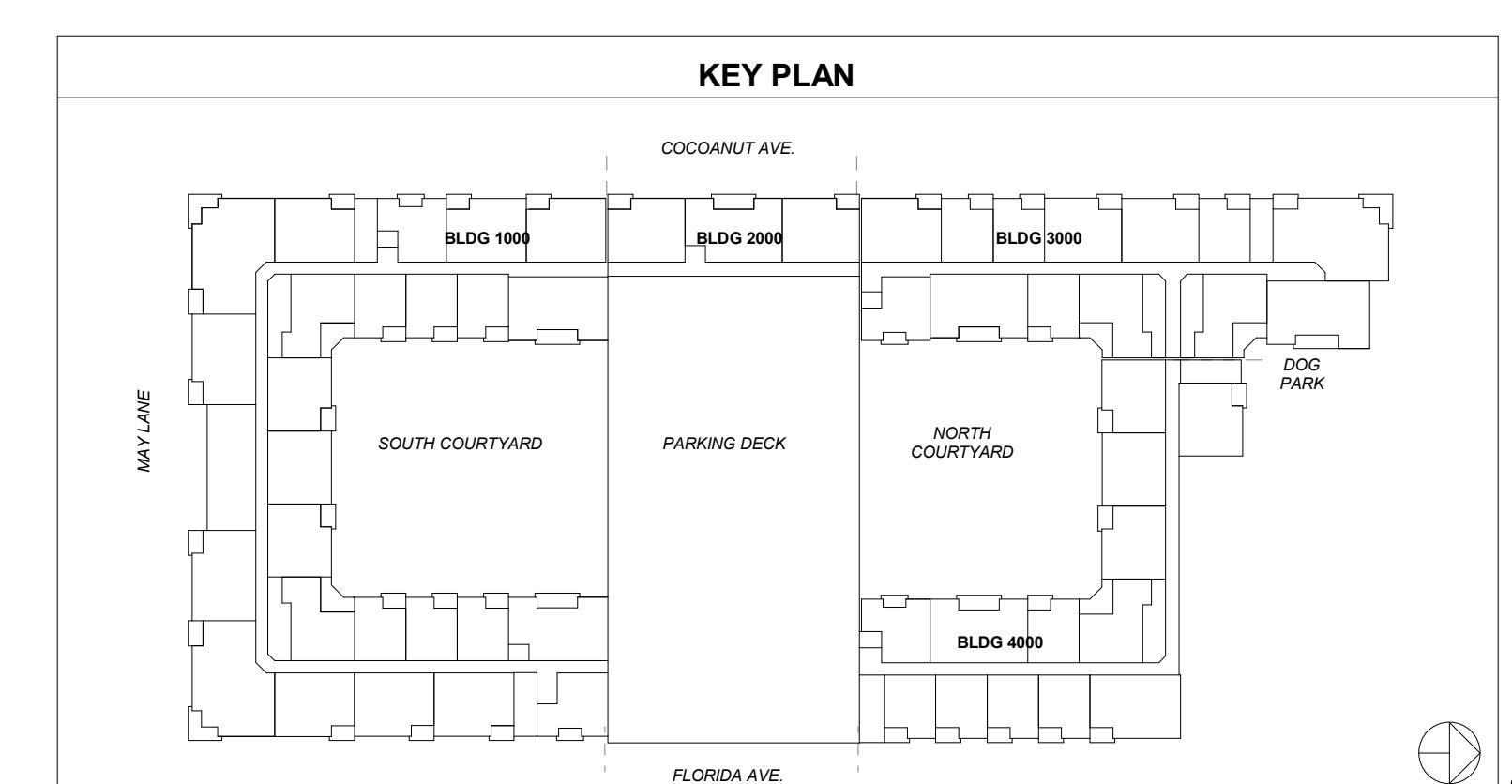
KEY PLAN

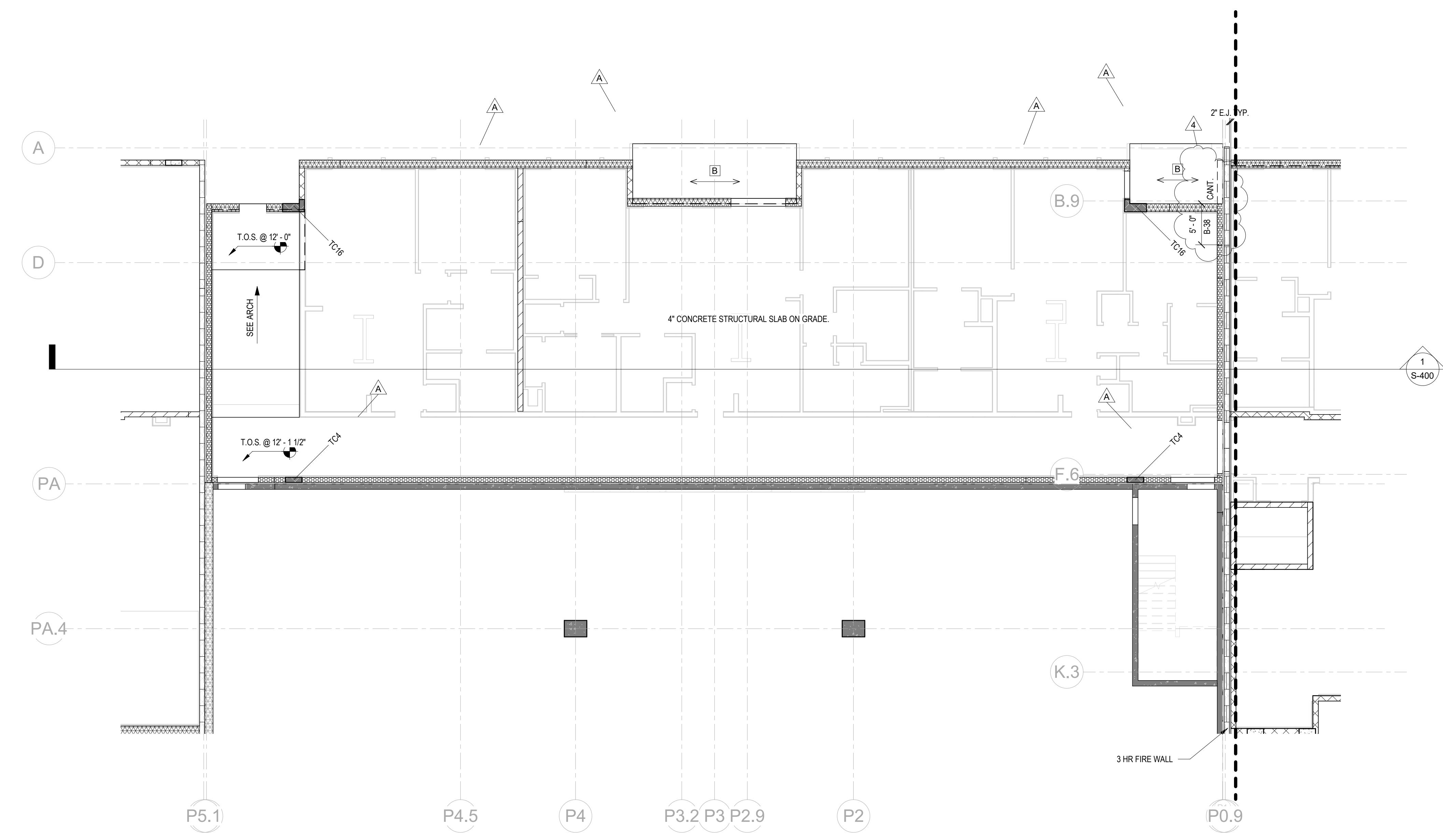




FOUNDATION PLAN NOTES

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLATE. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4" OF ALL SLAB STEPS. MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT N.A.V.D.
- SEE S-200 FOR FOOTING ELEVATION. SEE PLAN FOR TOP OF FOOTING CENTERLINE. CENTERLINES OF WALLS AND COLUMNS SHALL CONCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- TO INDICATES TOP OF FOOTING ELEVATION. SEE PLAN FOR TOP OF FOOTING ELEVATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED PILING, REINFORCING, AND STEEL THROUGH STEM WALLS AND ELEVATIONS. NO PENETRATIONS ARE PERMITTED THROUGH FOOTINGS. FOOTINGS MAY STEP AS SHOWN IN THE TYPICAL DETAILS ON S-301. NOTIFY ENGINEER OF STEP LOCATIONS BEFORE PROCEEDING WITH WORK.
- GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE, L.U.O. REINFORCE W/ 6x6 WI-4KW14 W/W.F. AT MID-DEPTH.
- WHERE CONTINUOUS FOOTING INTERSECT WITH PAD FOOTINGS, CONTINUOUS FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH THE PAD FOOTING OR EXTEND A FULL DEVELOPMENT LENGTH INTO THE PAD FOOTING.



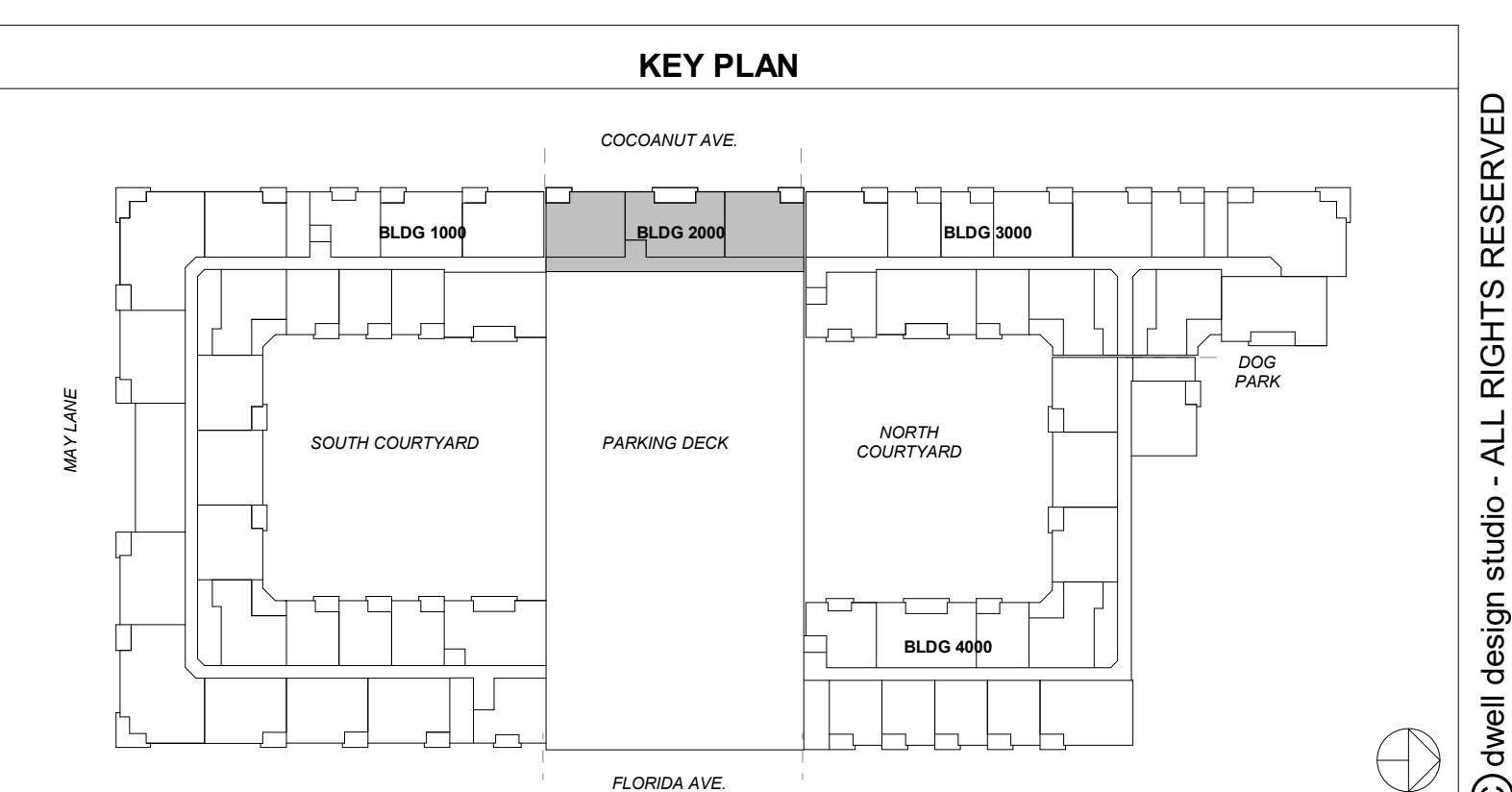


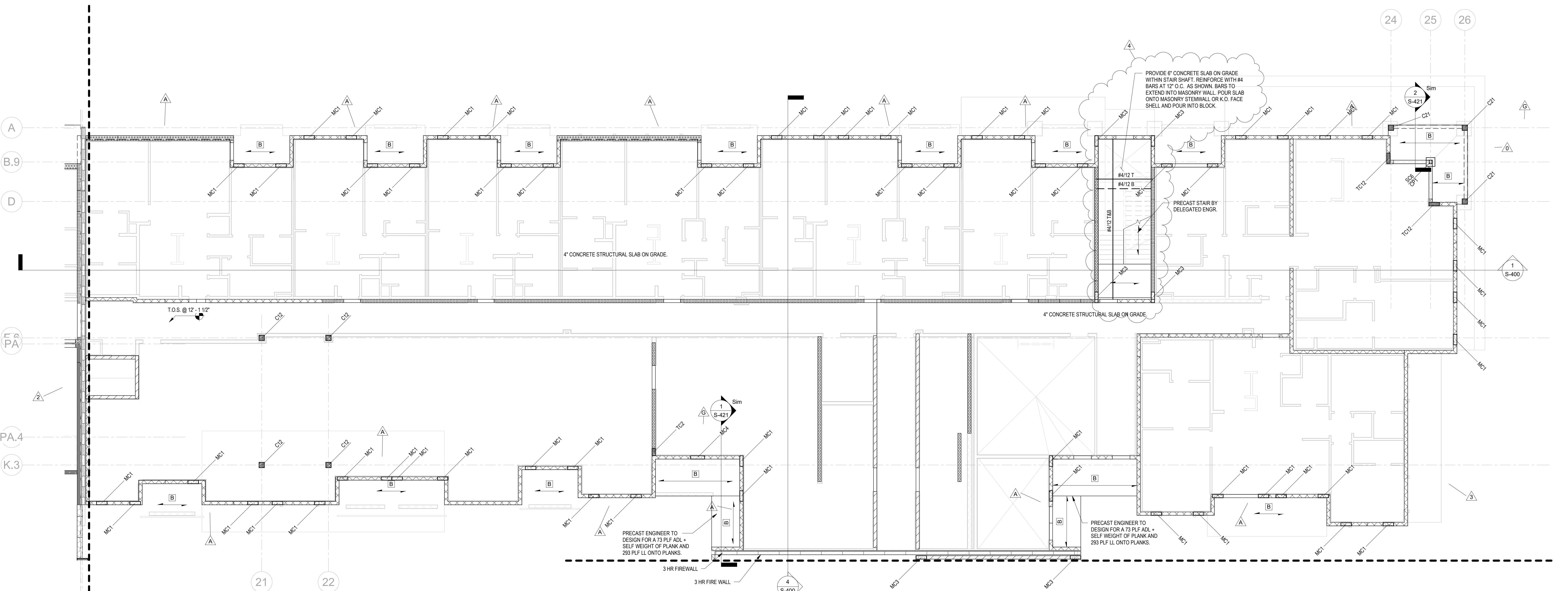
GROUND FLOOR PLAN NOTES

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4' OF ALL SLAB STEPS; MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
3. ALL ELEVATIONS ARE SET AT NAV.D.
4. SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
5. GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE, U.N.O. REINFORCE W/ 6X6 W1.4XN1.4 W.W.F. AT MID-DEPTH.
6. PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE. CONTROL JOINTS SHALL BE TOOLED OR SAWCUT AS SOON AS POSSIBLE WITHOUT RAVELING. THE PATTERN SHALL BE APPROXIMATELY SQUARE AND LIMITED TO AN AREA OF 144 SF.

PLAN LEGEND

- ▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
AFTER THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



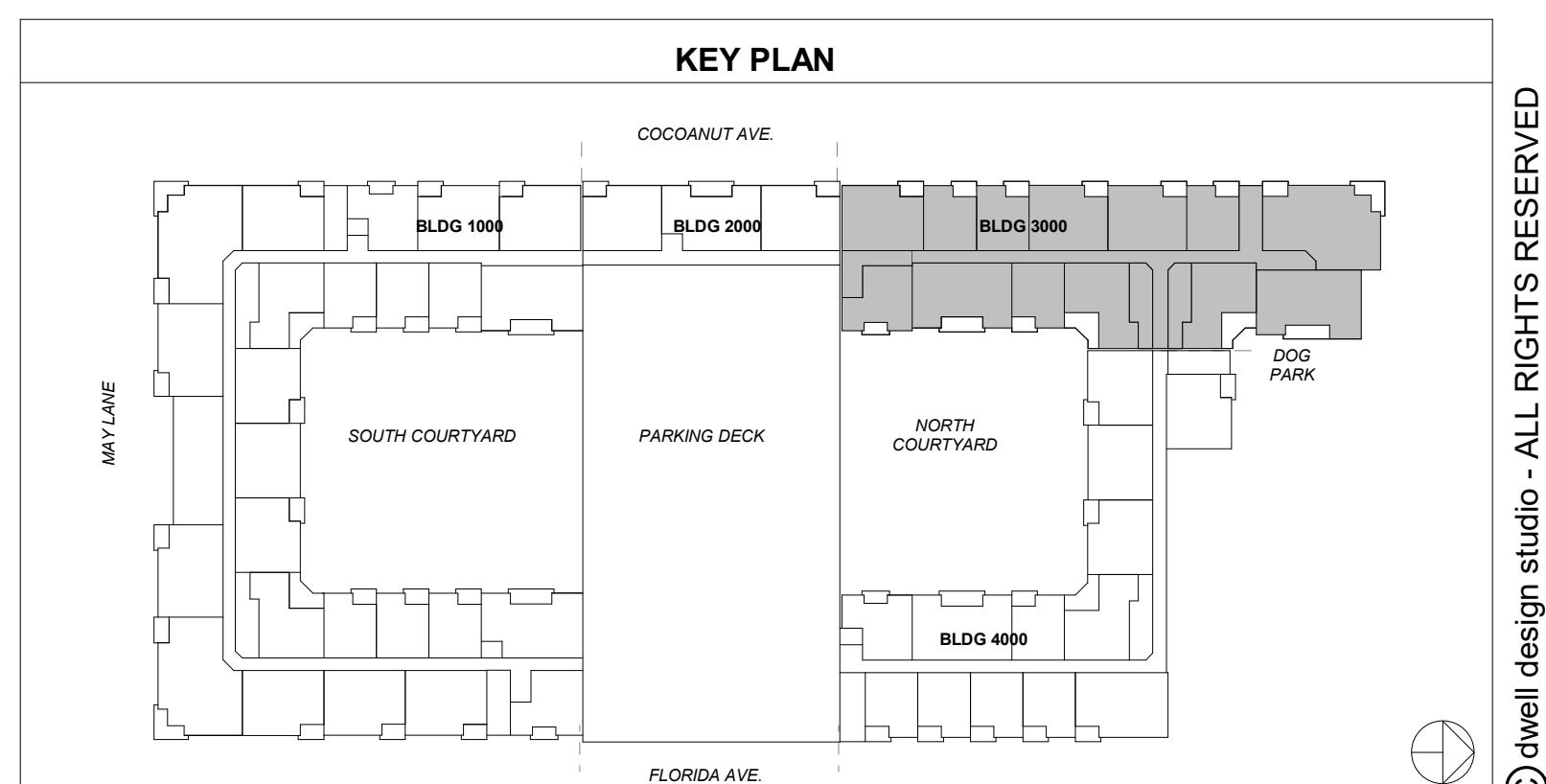


00 PARTIAL BUILDING PLAN - GROUND FLOOR - 3000
1/8" = 1'-0"

WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 145 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ (1) #6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 145 AT 24" O.C. AT ALL OTHER LEVELS PROVIDE 145 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 145 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 145 AT 16" O.C. AND BOND BEAM W/ 295 AT 32" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 145 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 145 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 145 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY THE PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE. OTHER WALLS, DOUBLE-TEE BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 145 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1 #6 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 145 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (1) CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 145 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ (1) #5 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL. MASONRY WALL REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

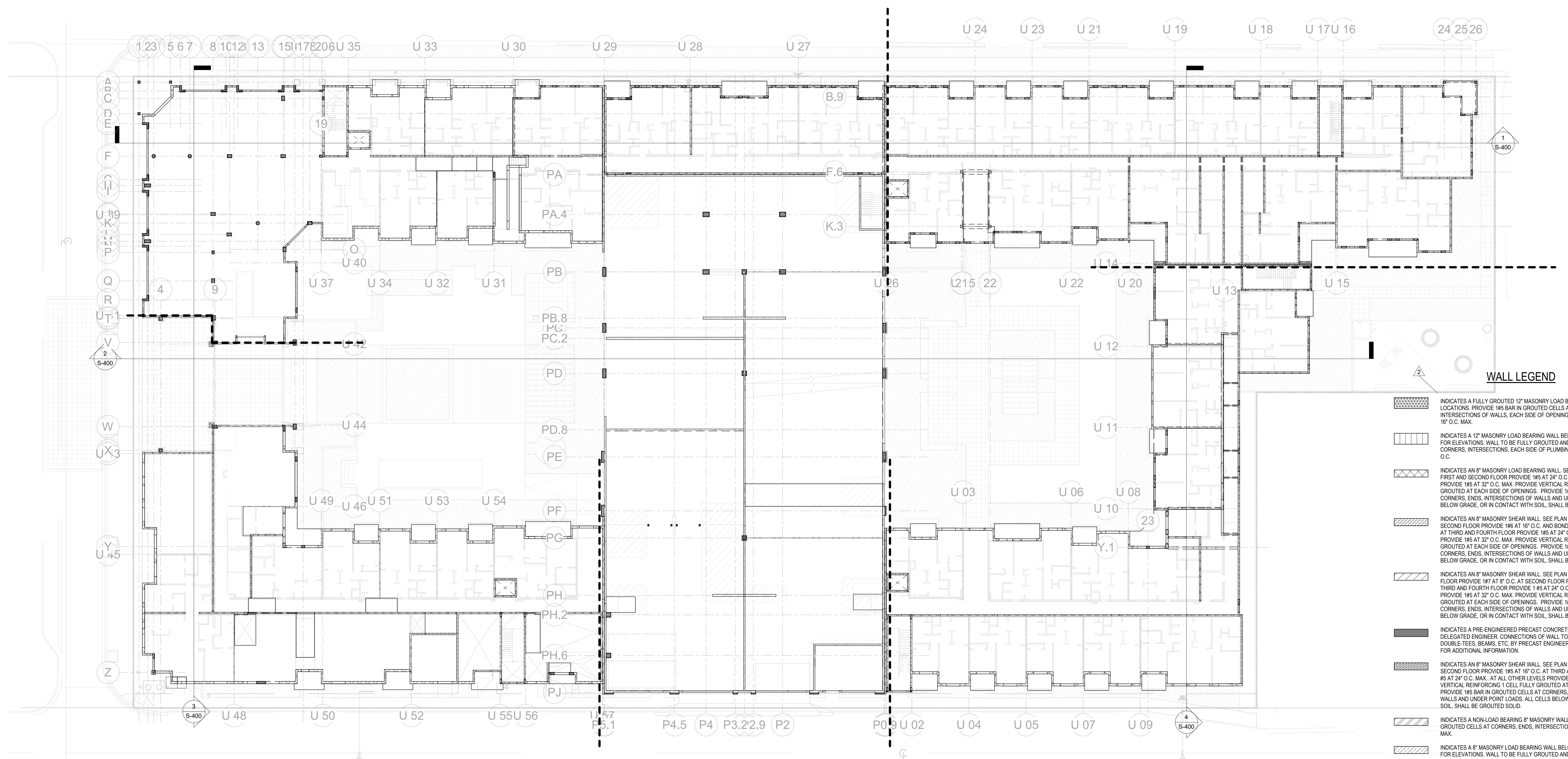
PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



KEY PLAN
00 PARTIAL BUILDING
PLAN - GROUND
FLOOR - 3000
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY BGN CHECKED BY EM

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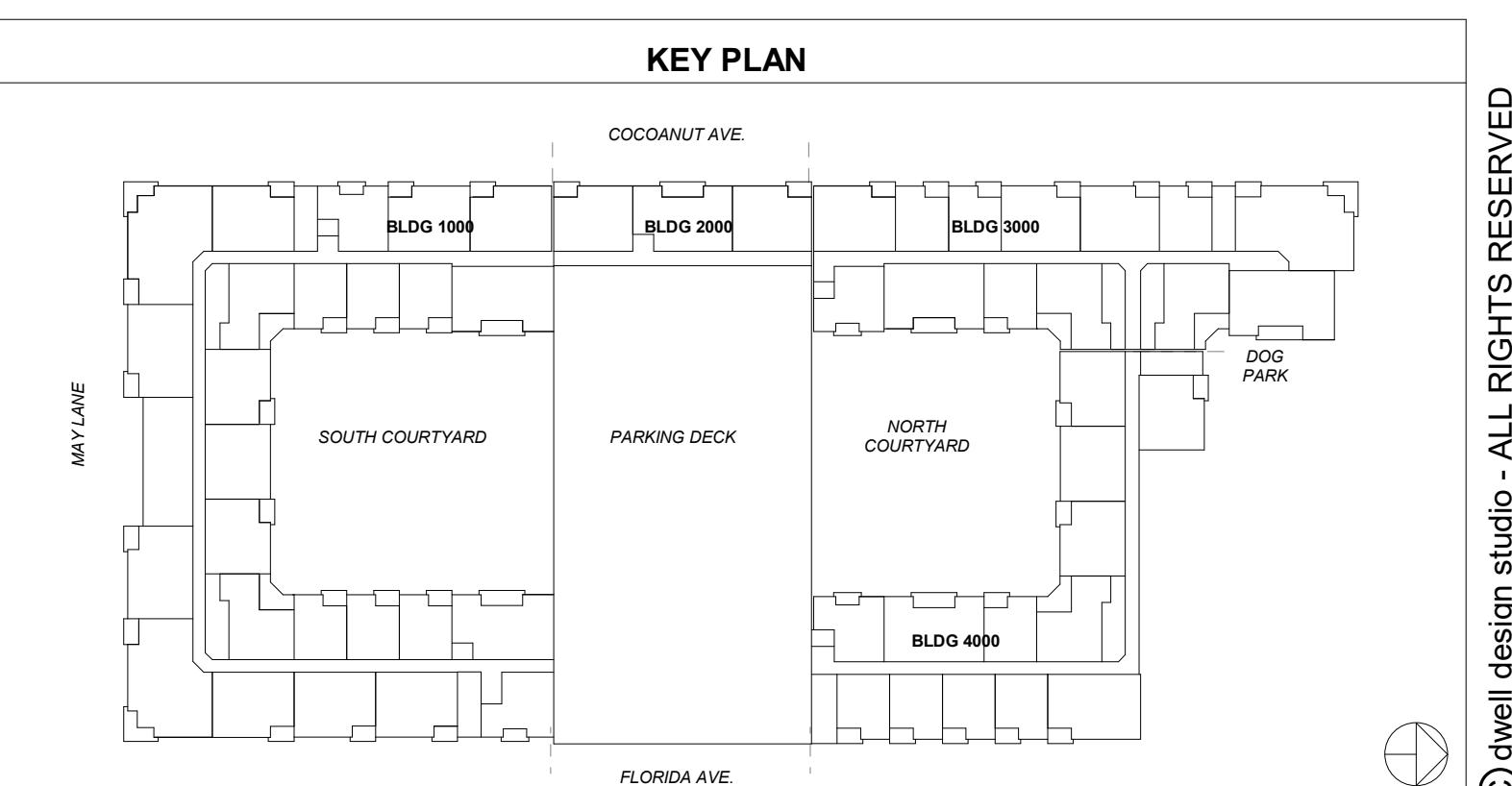
S-101D



01 OVERALL BUILDING PLAN - FIRST FLOOR
1" = 20'-0"

GROUND FLOOR PLAN NOTES:

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4' OF ALL SLAB STEPS; MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT NAVD.
- SEE E-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL CONCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE, L.I.O. REINFORCE W/ 6# WI, 4XWI 4 W.W.F. AT MID-DEPTH.
- PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE. CONTROL JOINTS SHALL BE TOOLED OR SAWCUT AS SOON AS POSSIBLE WITHOUT RAISING. THE PATTERN SHALL BE APPROXIMATELY SQUARE AND LIMITED TO AN AREA OF 144 SF.



01 OVERALL
BUILDING PLAN -
FIRST FLOOR

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY: BGN
CHECKED BY: EM

S-102

HOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

WALL LEGEND

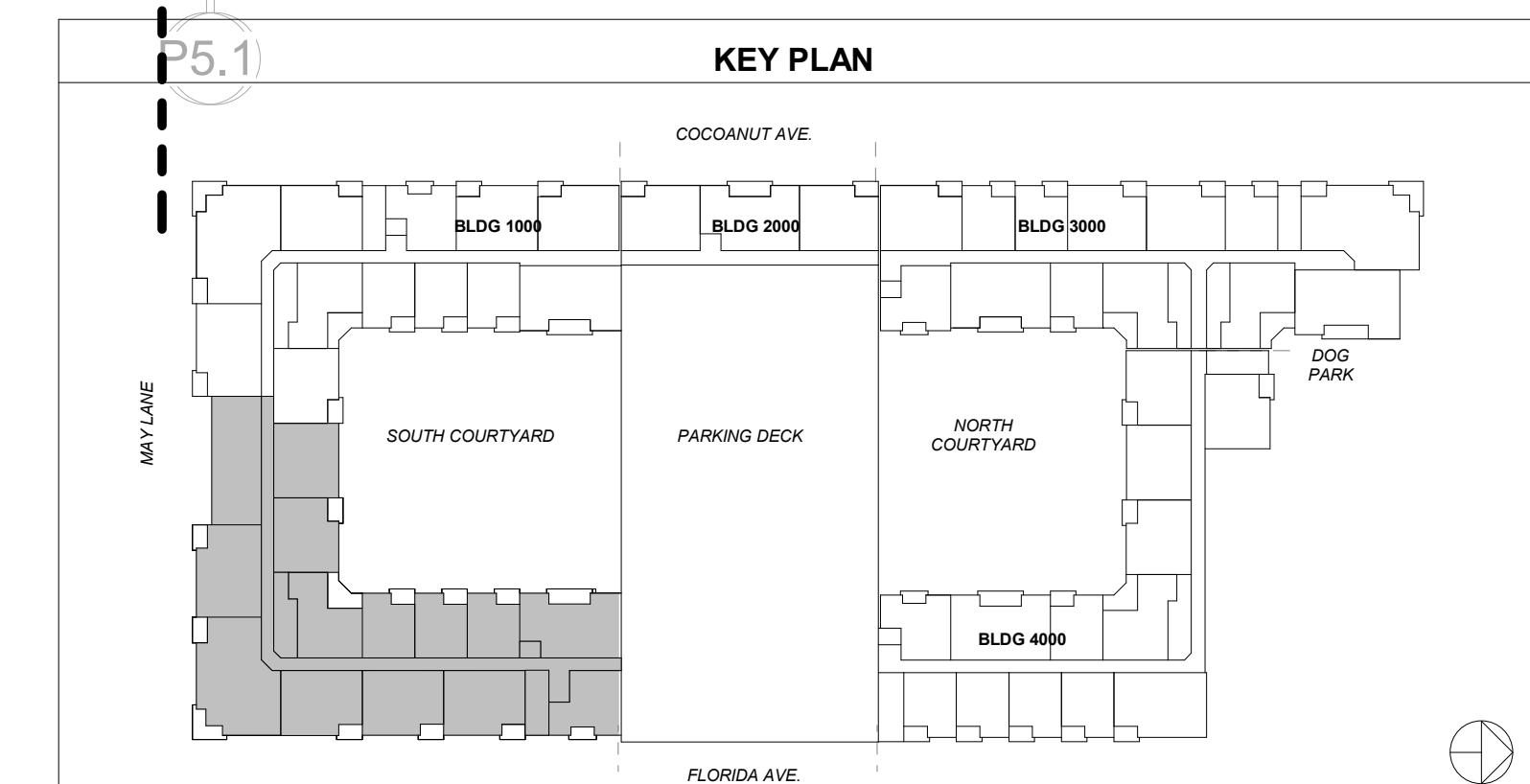
- INDICATES A 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ 1#5 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 24" O.C. AT ALL OTHER LEVELS. PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE 1#5 AT 24" O.C. AT SECOND FLOOR PROVIDE 1#6 AT 24" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#5 AT 32" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 24" O.C. AND 1#6 AT 32" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#5 AT 32" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ 1#5 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

GROUND FLOOR PLAN NOTES

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4' OF ALL SLAB STEPS. MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT N.A.V.
- SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL CONINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- GROUND FLOOR SHALL BE A CONCRETE SLAB-ON-GRADE. U.N.O. REINFORCE W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.
- PROVIDE CONTROL JOINTS IN ALL SLABS ON-GRADE. CONTROL JOINTS SHALL BE TOOLED OR RAVAGED AS SOON AS POSSIBLE WITHOUT RAVAGING. THE PATTERN SHALL BE APPROXIMATELY SQUARE AND LIMITED TO AN AREA OF 144 SF.

PLAN LEGEND
 INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

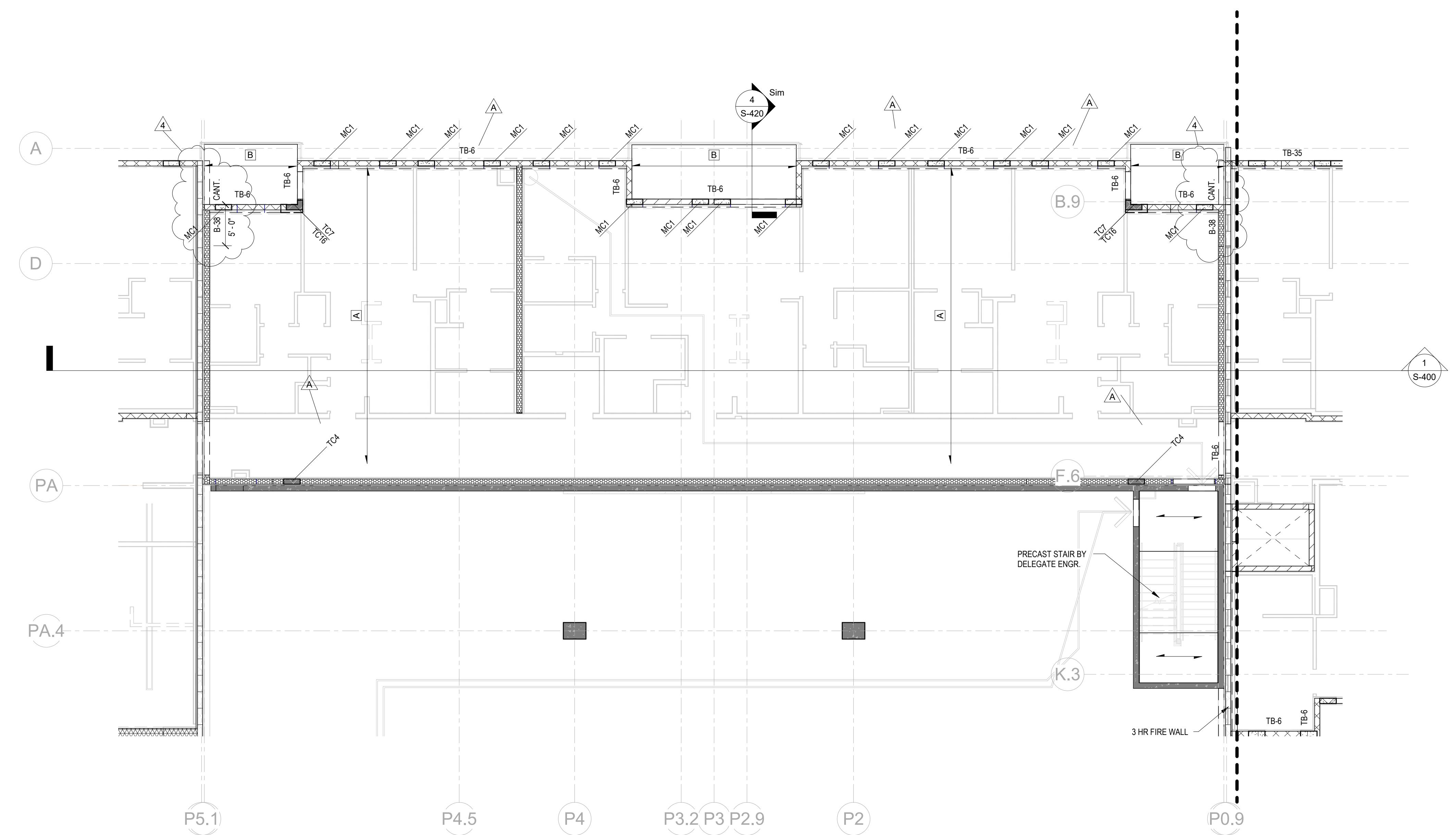
KEY PLAN



01 PARTIAL BUILDING PLAN - FIRST FLOOR - 1000A
1/8" = 1'-0"

SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236



HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

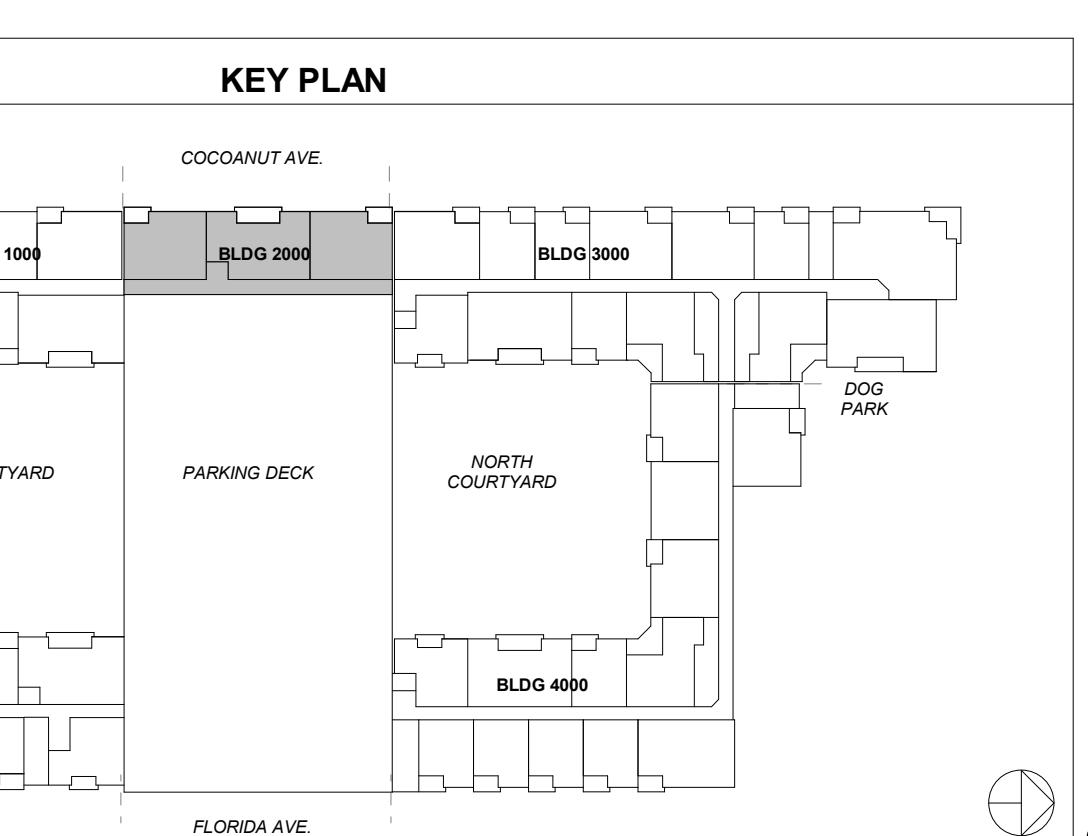
WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR LOCATIONS. PROVIDE #16 AT 32" O.C. MAX. PROVIDE #16 AT 16" O.C. AT ALL OTHER LEVELS. PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AND BOND BEAM W/ 2#5 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #16 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #16 AT 16" O.C. AT SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGR. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGR. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1 #5 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (1) CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A 12" MASONRY LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16'S AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR FIREWALL. MASONRY WALL REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES:

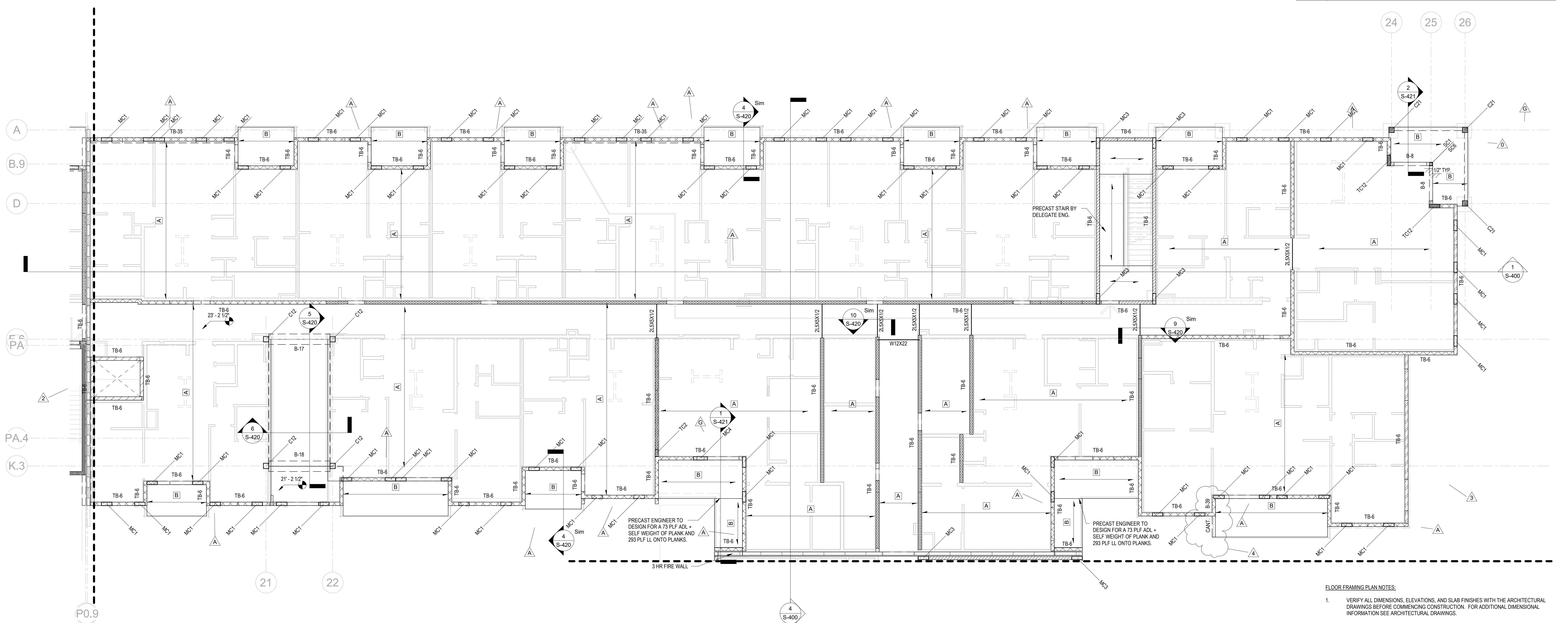
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
- ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE. SEE S-200 FOR ALL SCHEDULES.
- SEE HOLLOW CORE NEWOTE FOR FOOTING FRAMING AT LOCATIONS WITH COMPOSITE TOPPING HAVING A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
- TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X-X') ARE THE TOP OF BEAM REFERENCED IN N.A.V.
- STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301. CONNECTIONS DESIGNED FOR SERVICE BEAM SHEAR VALUES AND NOT FOR A FLAME-TREATED PROFESSIONAL ENGINEER. NOTE: SHEARS ARE SHOWN AS PLAIN. THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THIRD PLATE CONNECTIONS).
- CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND	
ABOVE	INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
BELOW	INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



HOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

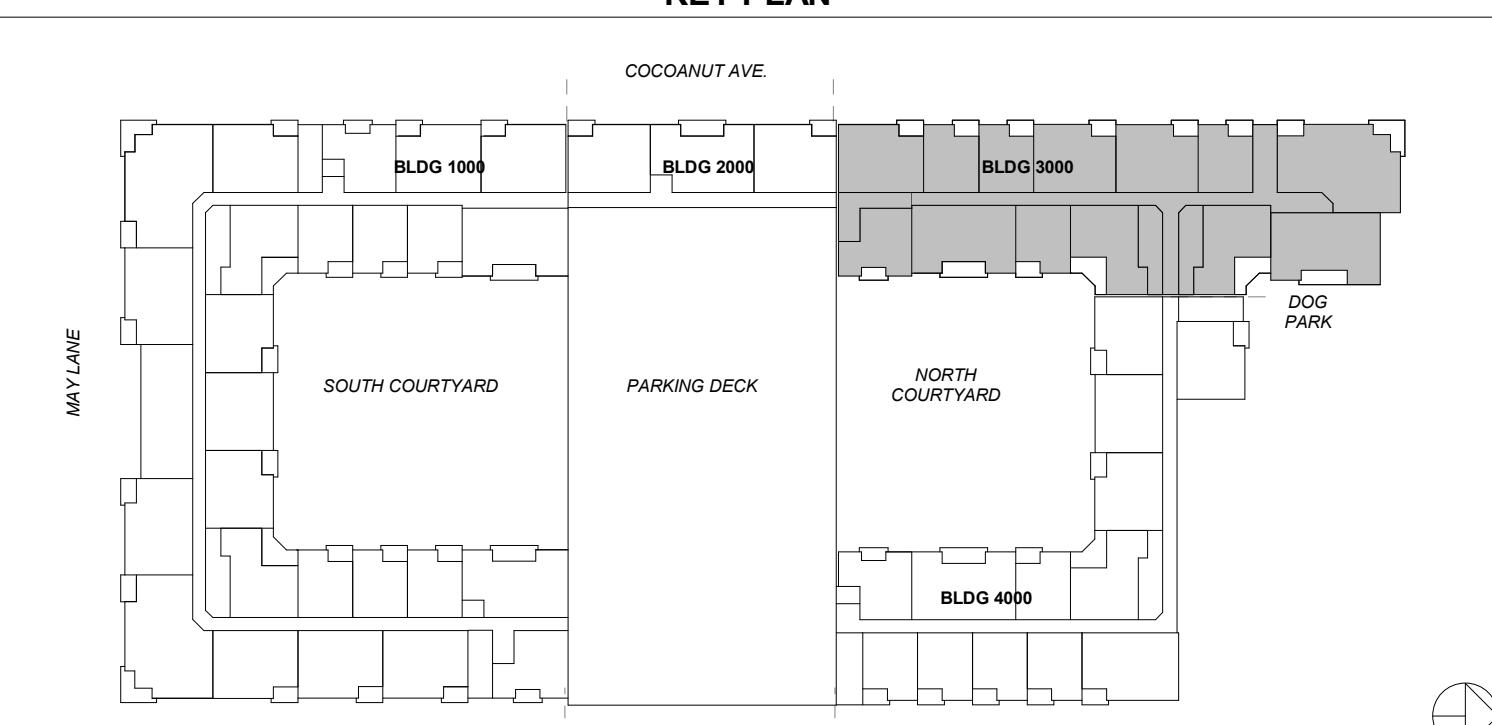


WALL LEGEND

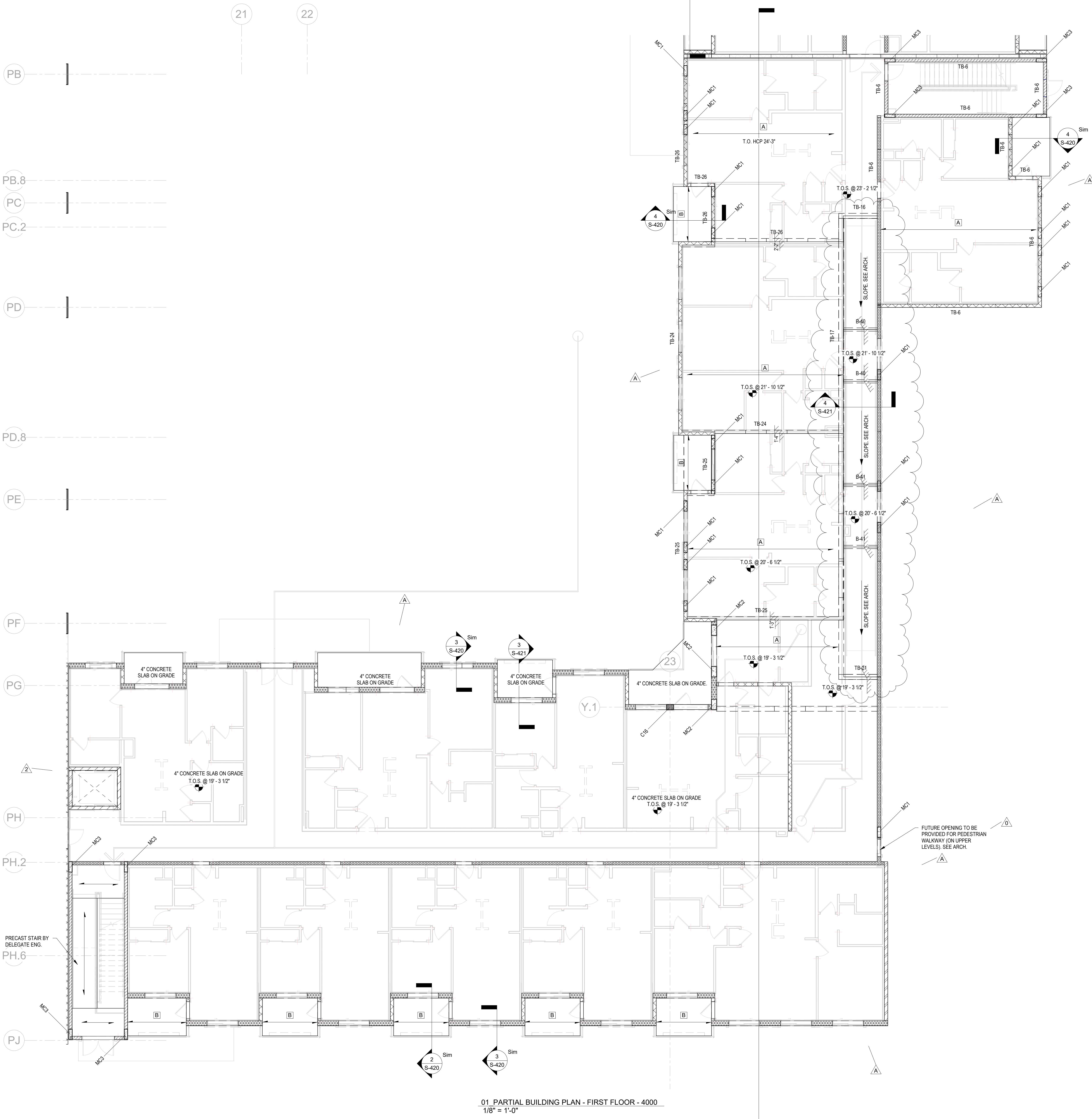
- 1. INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 24" O.C. MAX.
- 2. INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #15 AT CELL CORNERS, INTERSECTIONS. EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C. MAX.
- 3. INDICATES #8 MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #15 AT 24" O.C. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING #2 C.F.U. FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- 4. INDICATES #8 MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #15 AT 8" O.C. AND BOND BEAM W/ 25 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #15 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING #2 C.F.U. FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- 5. INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER CONNECTIONS OF WALL TO FOUNDATIONS. OTHER WALLS, DOUBLE-TEE BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- 6. INDICATES #8 MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #15 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #15 AT 16" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING #2 C.F.U. FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- 7. INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- 8. INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #15 AT CELL CORNERS, INTERSECTIONS. EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
BELLOW INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

KEY PLAN



01. PARTIAL BUILDING PLAN - FIRST FLOOR - 3000
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY: BGN
CHECKED BY: EM



HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

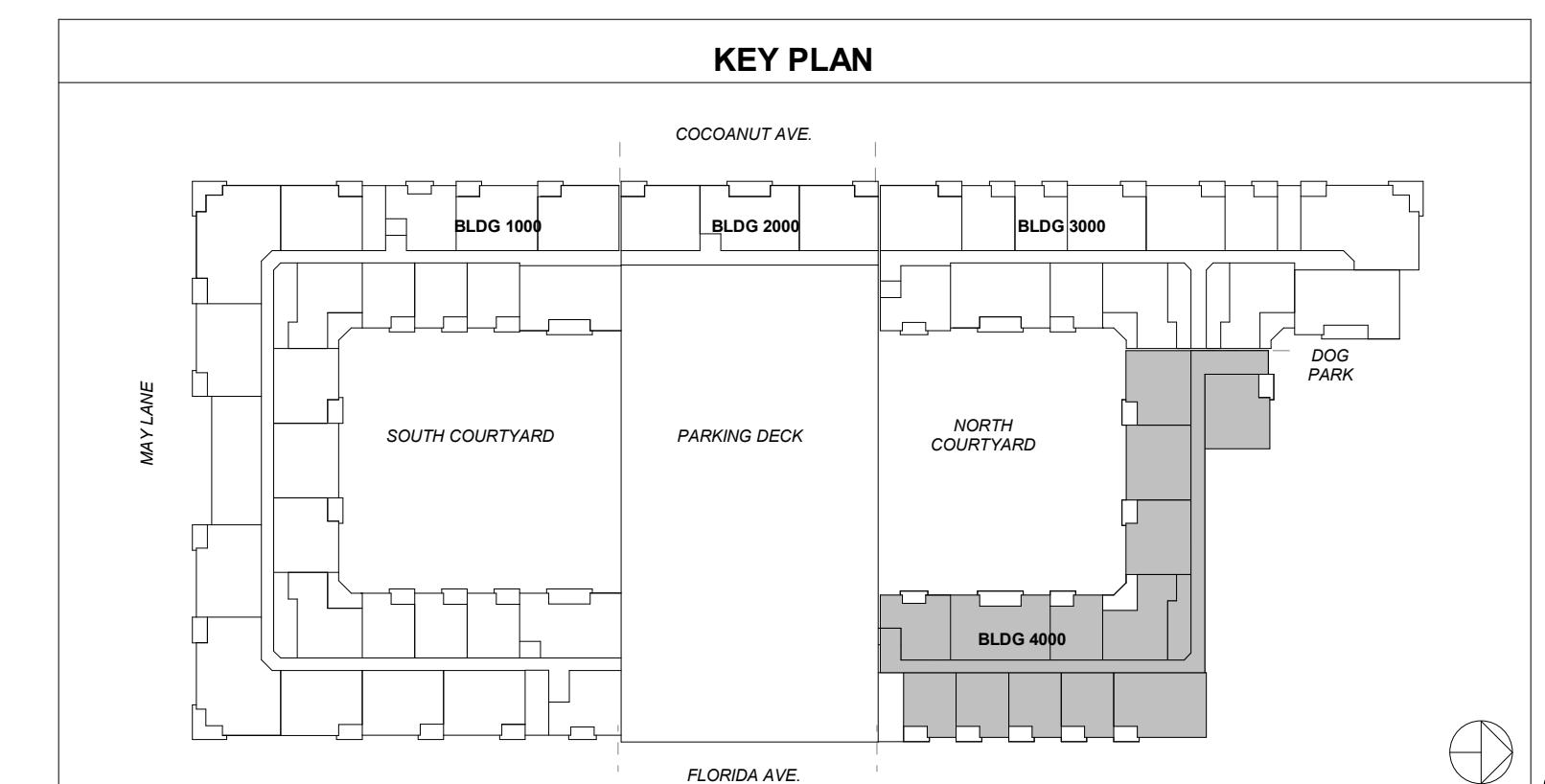
WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 16# AT 24" O.C. AT ALL OTHER LEVELS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, FROM #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16# AT 16" O.C. AND BOND BEAM W/ 26# AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #16# AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16# AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16# BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #16# AT 8" O.C. AT SECOND FLOOR PROVIDE #16# AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16# AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16# AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16# BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A 16" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. DELEGATE ENGINEER CONNECTIONS OF WALL TO FOUNDATIONS. OTHER WALLS, DOUBLE-TEE BEAMS ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 16# AT 16" O.C. AT ALL OTHER LEVELS PROVIDE 1#5 AT 24" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16# BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16# AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3-HR FIREWALL. MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

GROUND FLOOR PLAN NOTES

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4" OF ALL SLAB STEPS; MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
- ALL ELEVATIONS ARE SET AT N.A.V.D.
- SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
- GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE. U.N.O. REINFORCE W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.
- PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE. CONTROL JOINTS SHALL BE TOOLLED OR SAW CUT AS SOON AS POSSIBLE WITHOUT RAVELING. THE PATTERN SHALL BE APPROXIMATELY SQUARE AND LIMITED TO AN AREA OF 144 SF.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
BELLOW



01 PARTIAL BUILDING PLAN - FIRST FLOOR - 4000
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY BGN CHECKED BY EM

SARASOTA BAYSIDE

800 COCOANUT AVE.
SARASOTA, FL 34236

DESCRIPTION	INCLUDE
CHEMATIC DESIGN	
DESIGN DEVELOPMENT	
0% CDs	
IMP/ PERMIT	
RICING ADDENDUM 1	
DD. 2 FOUNDATION PERMIT	
STRUCTURAL GARAGE IFC	
STRUCTURAL BLDG PRECAST IFC	
ISSUED FOR CONSTRUCTION	

ON	DESCRIPTION	RE
ED FOR CONSTRUCTION		

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ENGINEER OF RECORD
ordell S. Van Nostrand

GENERAL PARKING

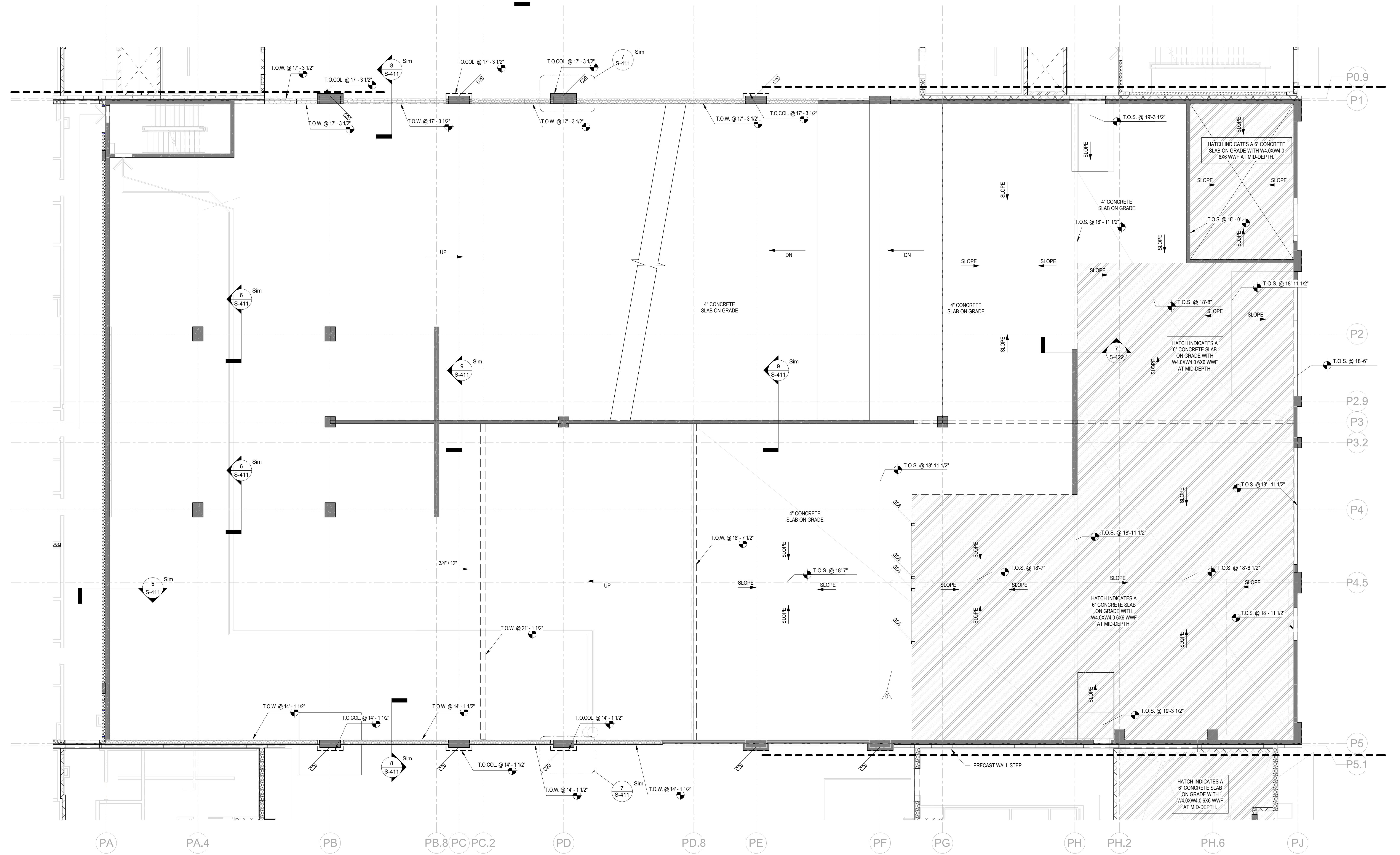
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FLOOR

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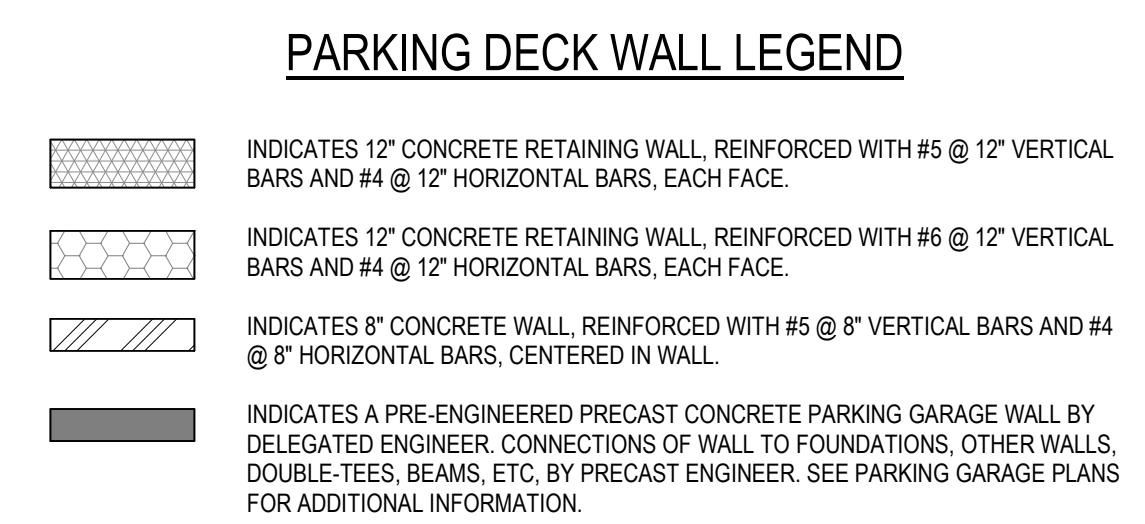
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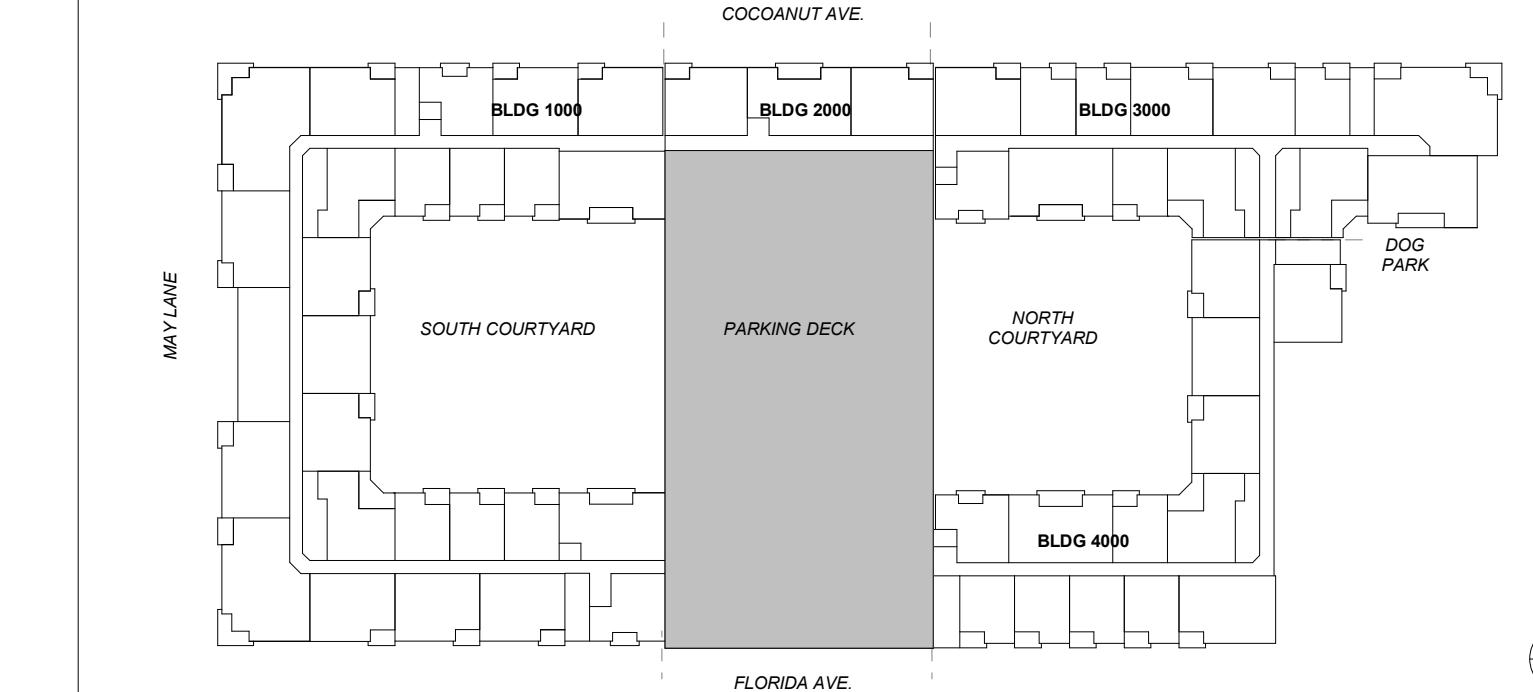


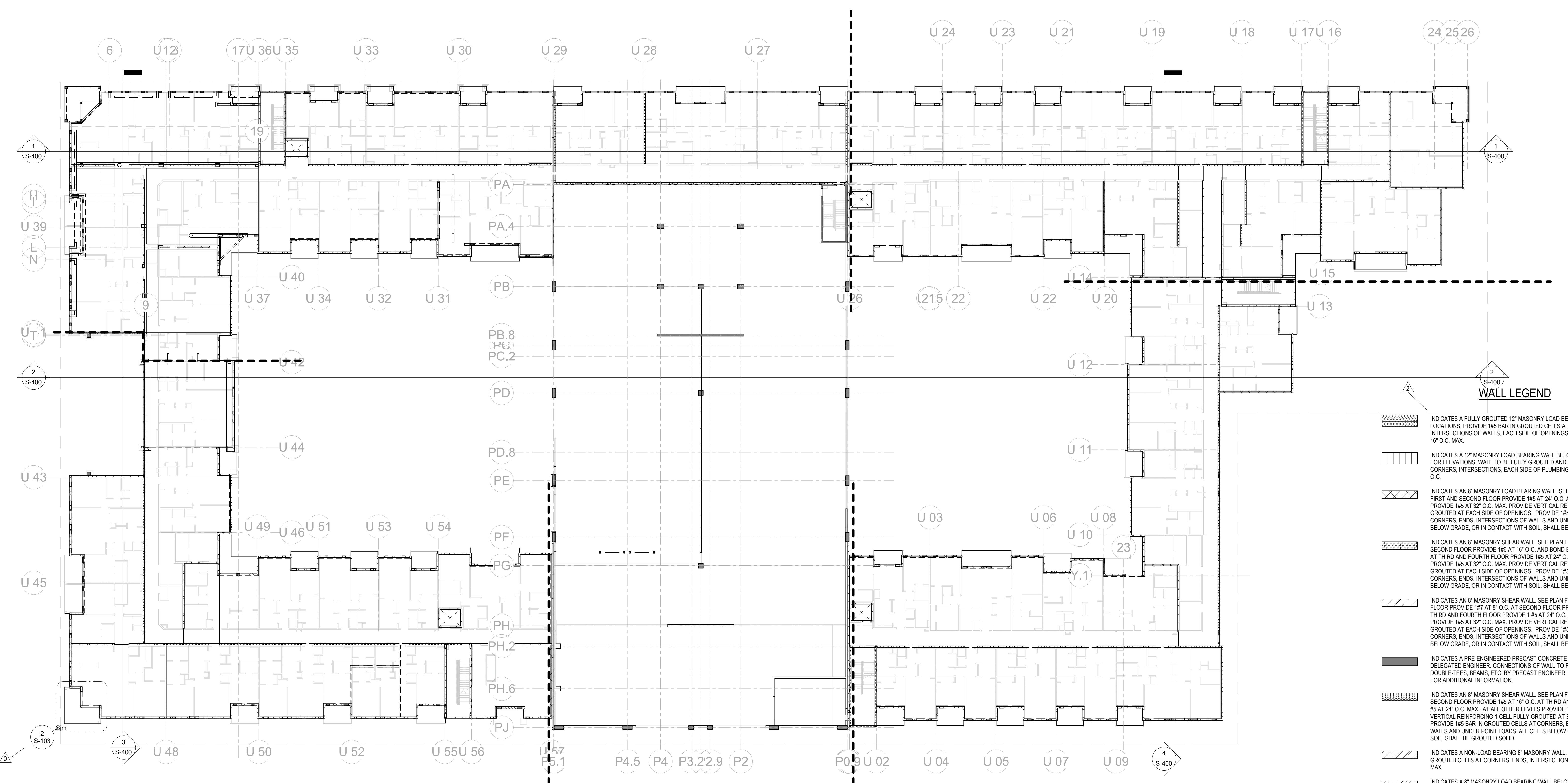
01_OVERALL PARKING DECK - FIRST FLOOR

ELEVATION CALLOUTS ADJUSTED



KEY PLAN





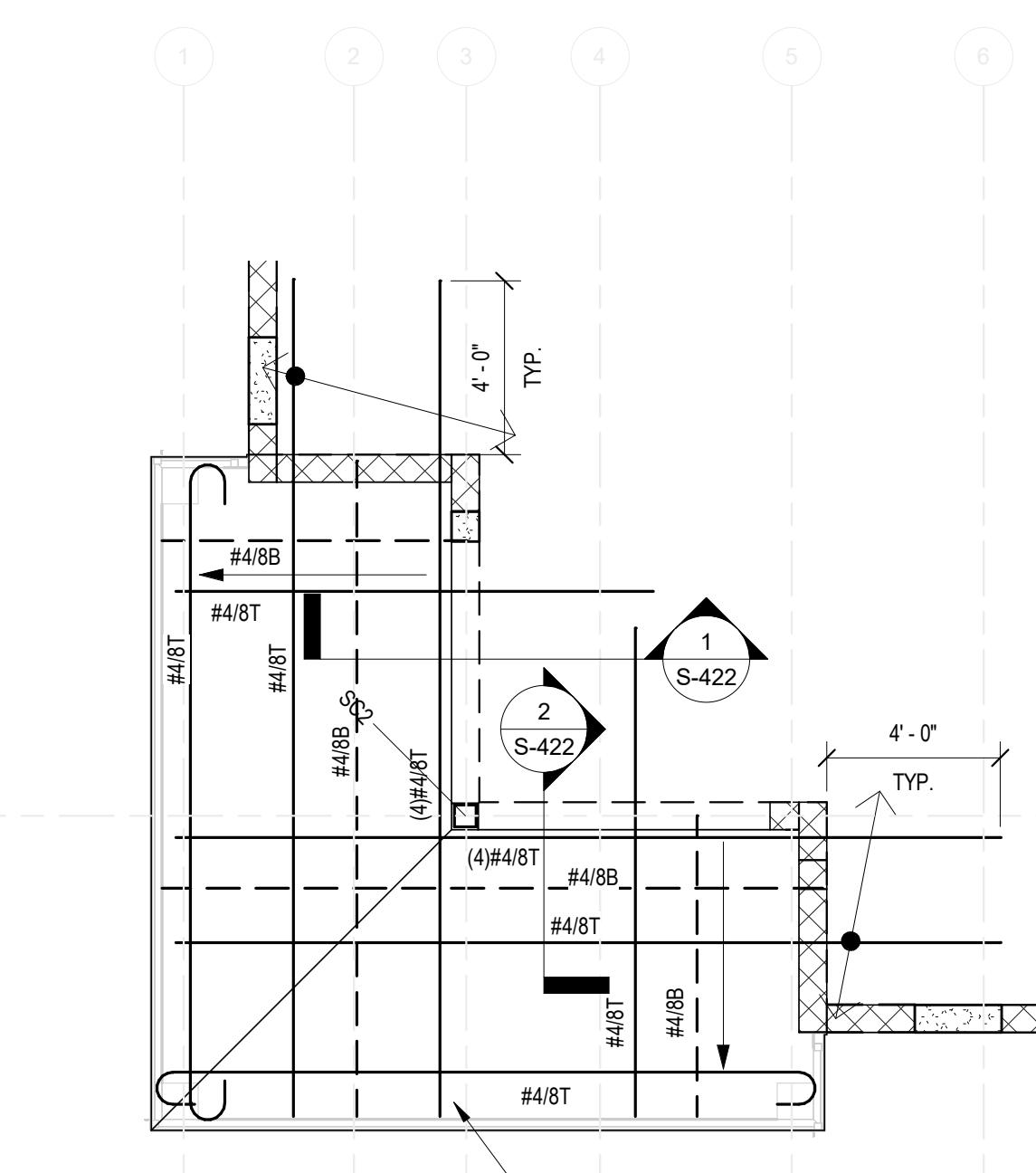
UNLESS NOTED:
OL=OUTER LAYER
IL=INNER LAYER

REBAR LAYERING DIRECTION
NOT TO SCALE

UNLESS NOTED:
OL=OUTER LAYER
IL=INNER LAYER

SEE STRUCTURAL NOTES
FOR CLEAR COVER, TYP.
UNLESS NOTED
OTHERWISE.

REBAR LAYERING DIAGRAM
NOT TO SCALE



2 OUTSIDE CORNER CONCRETE SLAB REINFORCING PLAN
S-103 1/4" = 1'-0"

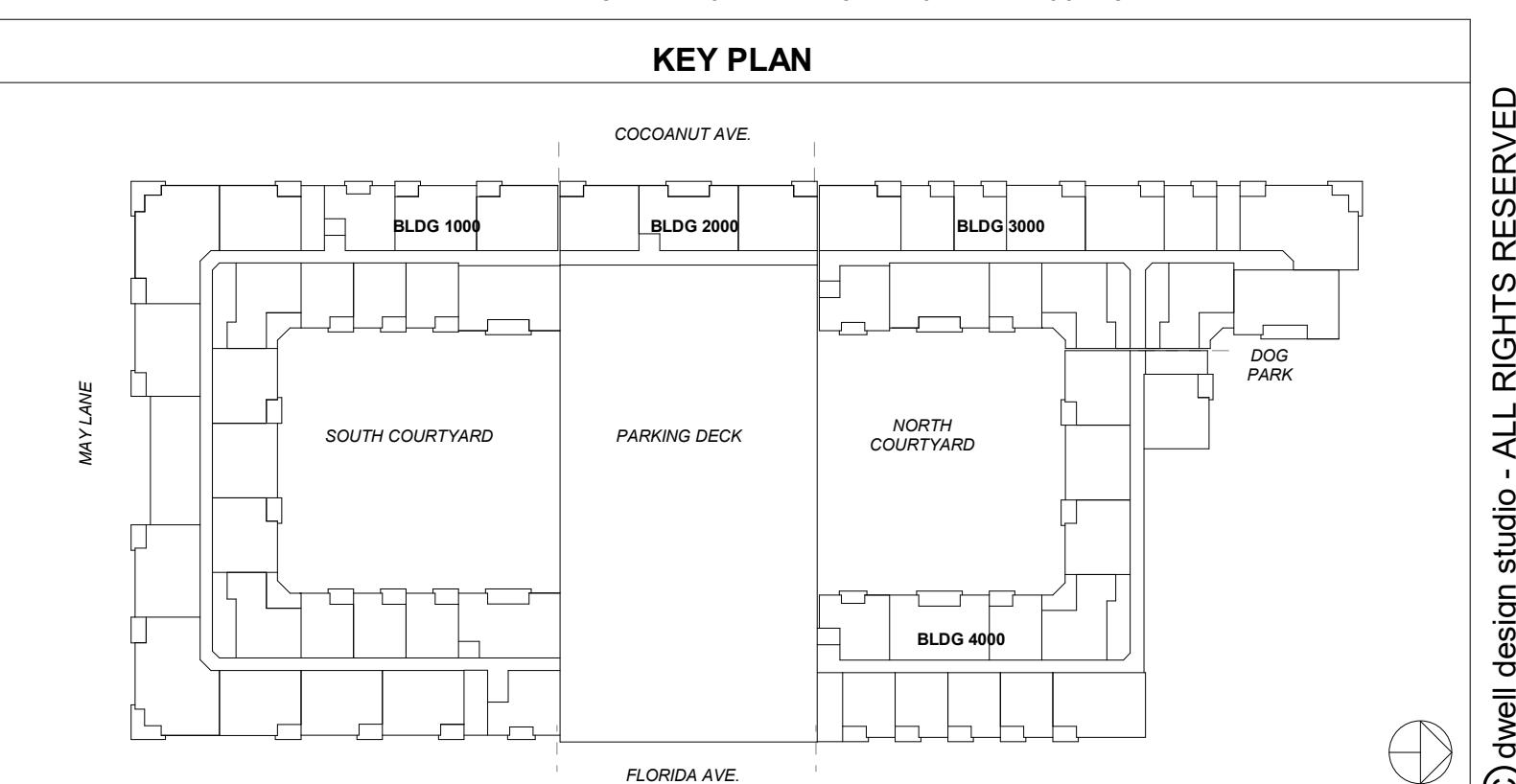
STEEL SYMBOLS
#4 12 I
BAR SIZE (I.E. #4 BAR)
BAR SPACING (I.E. 12' O.C.)
BAR PLACEMENT (T=TOP; B=BOTTOM)

02 OVERALL BUILDING PLAN - SECOND FLOOR
1' = 20'-0"

OUTSIDE CORNER CONCRETE SLAB REINFORCING PLAN NOTES

- FLOOR FRAMING SHALL BE AN 8' SLOPED CONCRETE TWO-WAY FLAT PLATE SLAB. SEE TYPICAL DETAILS. BARS SHOWN ON PLAN ARE THE TOP AND BOTTOM MATS. PROVIDE 36" MIN. LAP LENGTH FOR ALL BARS. BAR SPACING SHOULD NOT BE MORE THAN 8' O.C. ANYWHERE.
- REINFORCING BARS SHOWN ON PLAN AS SOLID LINES ARE TOP BARS. BARS SHOWN AS DASHED LINES ARE BOTTOM BARS, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- PROVIDE (1) BAR TOP AND BOTTOM CONTINUOUS AT EDGES OF SLAB ALL AROUND. BAR SIZE SHALL MATCH TYPICAL BAR SIZE SHOWN.
- EXTERIOR COLUMNS ON THIS BALCONY TO BE NON-LOAD BEARING LIGHT GAUGE FRAMING BY DELEGATED ENGINEER.

△



KEY PLAN
COCOANUT AVE
BLDG 1000 BLDG 2000 BLDG 3000
MAY LANE SOUTH COURTYARD PARKING DECK NORTH COURTYARD DOG PARK
FLORIDA AVE

02 OVERALL
BUILDING PLAN -
SECOND FLOOR

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY BGN CHECKED BY EM

S-103

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ENGINEER OF RECORD
Cordell S. Van Nest
FL. P.E. # 67580

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KEY PLAN

02 OVERALL
BUILDING PLAN -
SECOND FLOOR

ISSUED FOR CONSTRUCTION

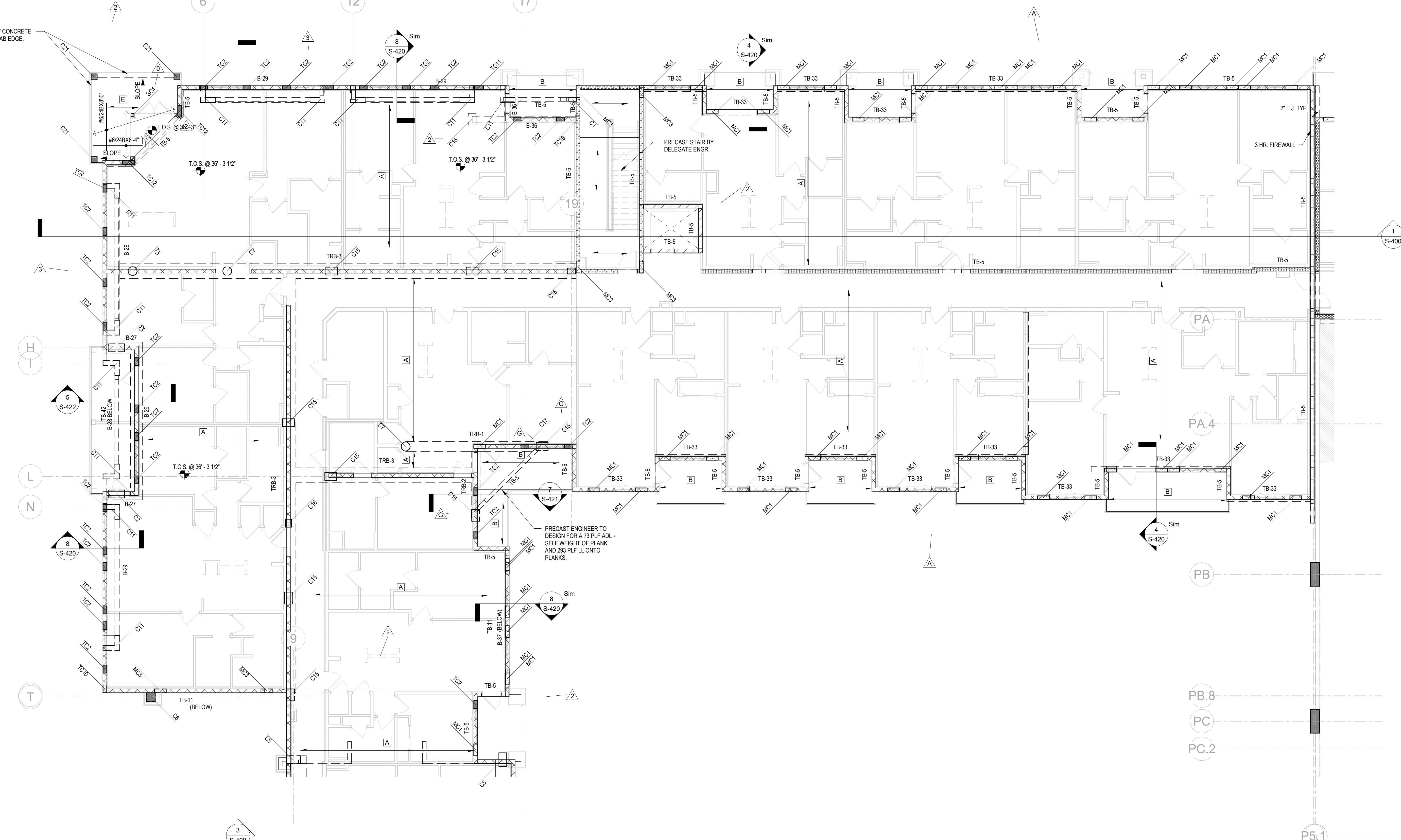
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DRAWN BY BGN CHECKED BY EM

S-103

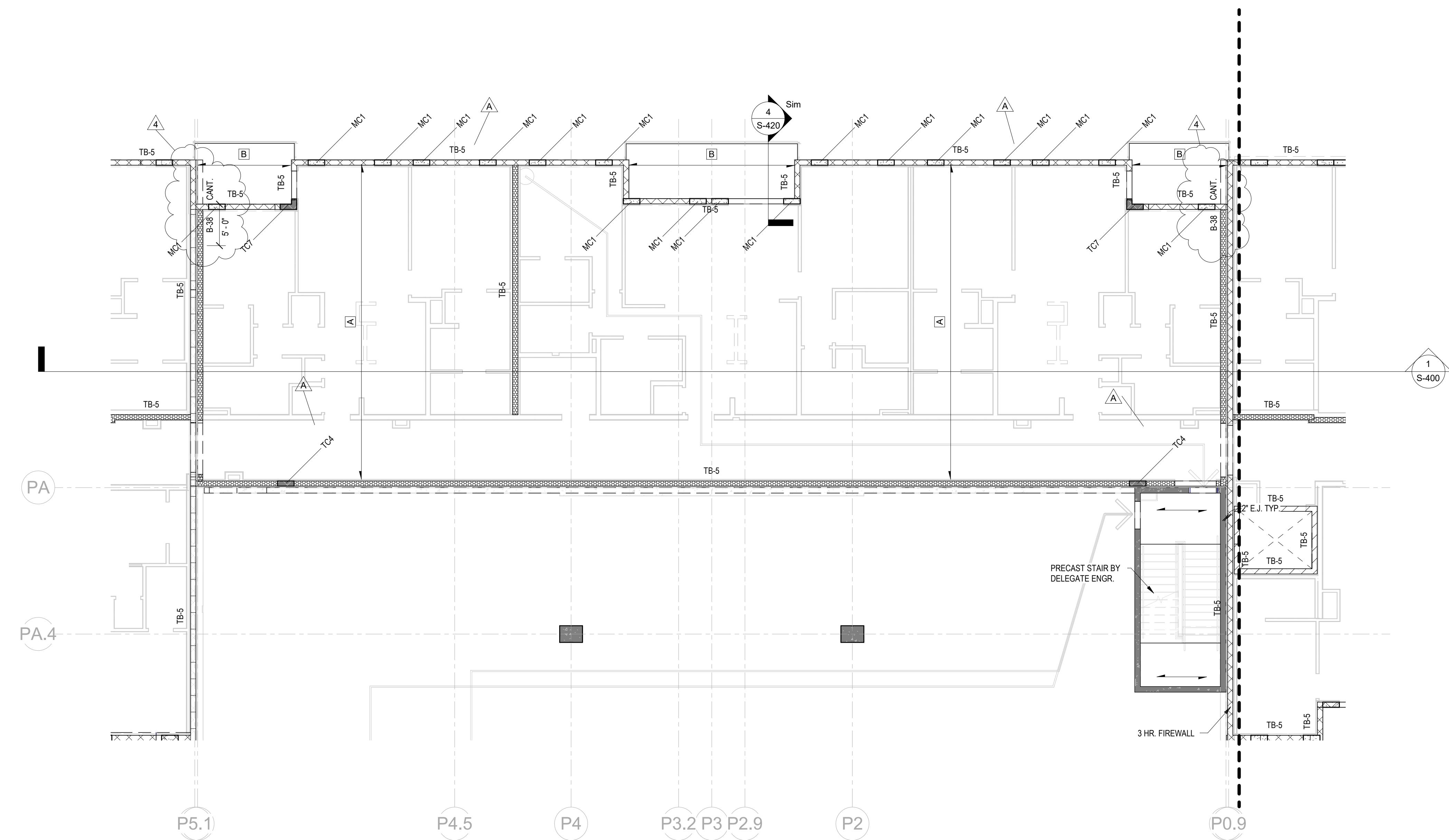
HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SI ABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

ELEVATED SLAB SCHEDULE		
MARK	TYPE	REINF.
E	12" CONCRETE SLAB	REINFORCE WITH #6 @ 12" O.C. T & B.E.W.



FOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



02 PARTIAL BUILDING PLAN - SECOND FLOOR - 2000
1/8" = 1'-0"

- OOR FRAMING PLAN NOTES:

VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.

ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.

SEE S-200 FOR ALL SCHEDULES.

SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.

GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.

TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS, U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X'-X") ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.

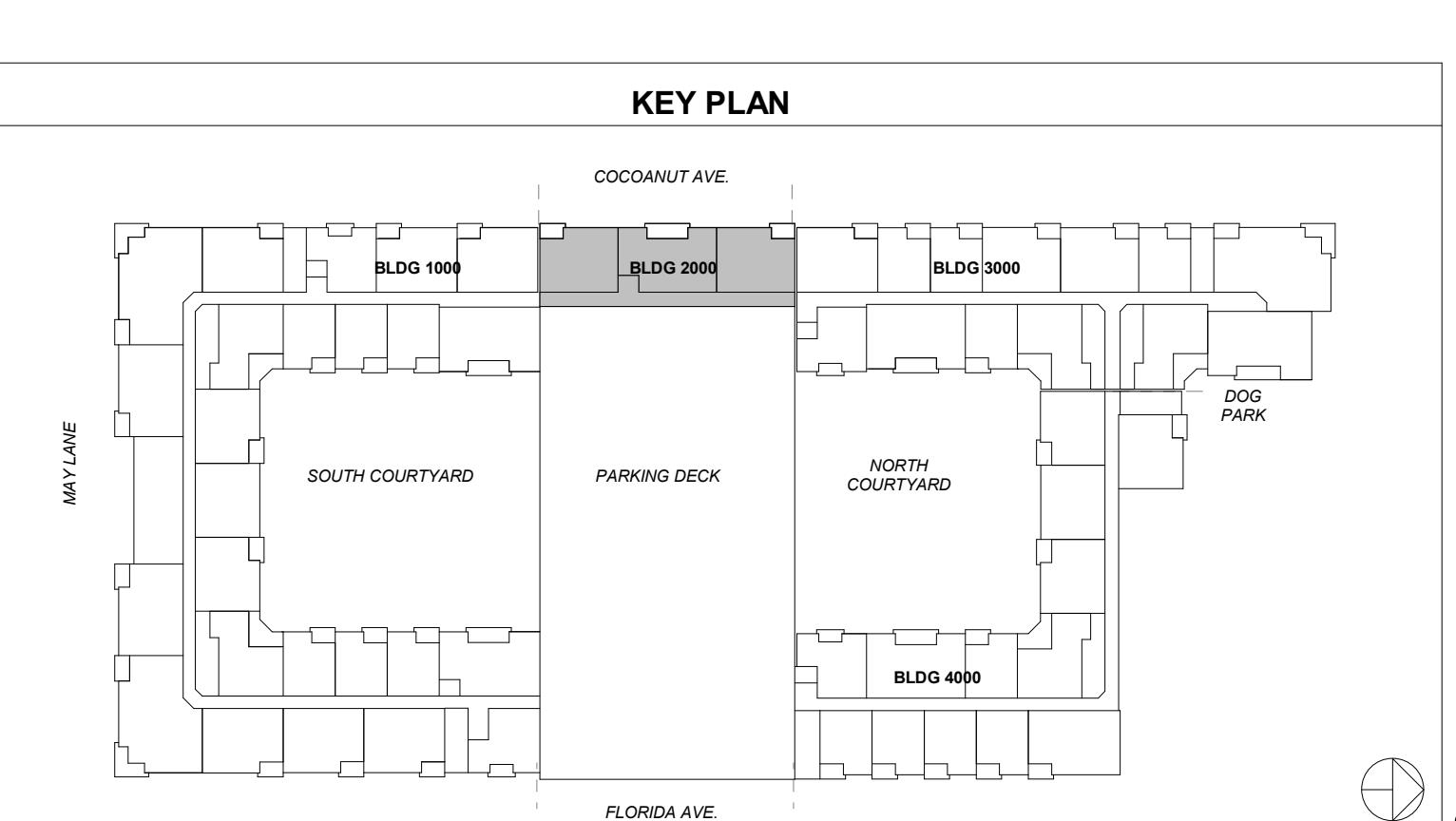
STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER, SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-001. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).

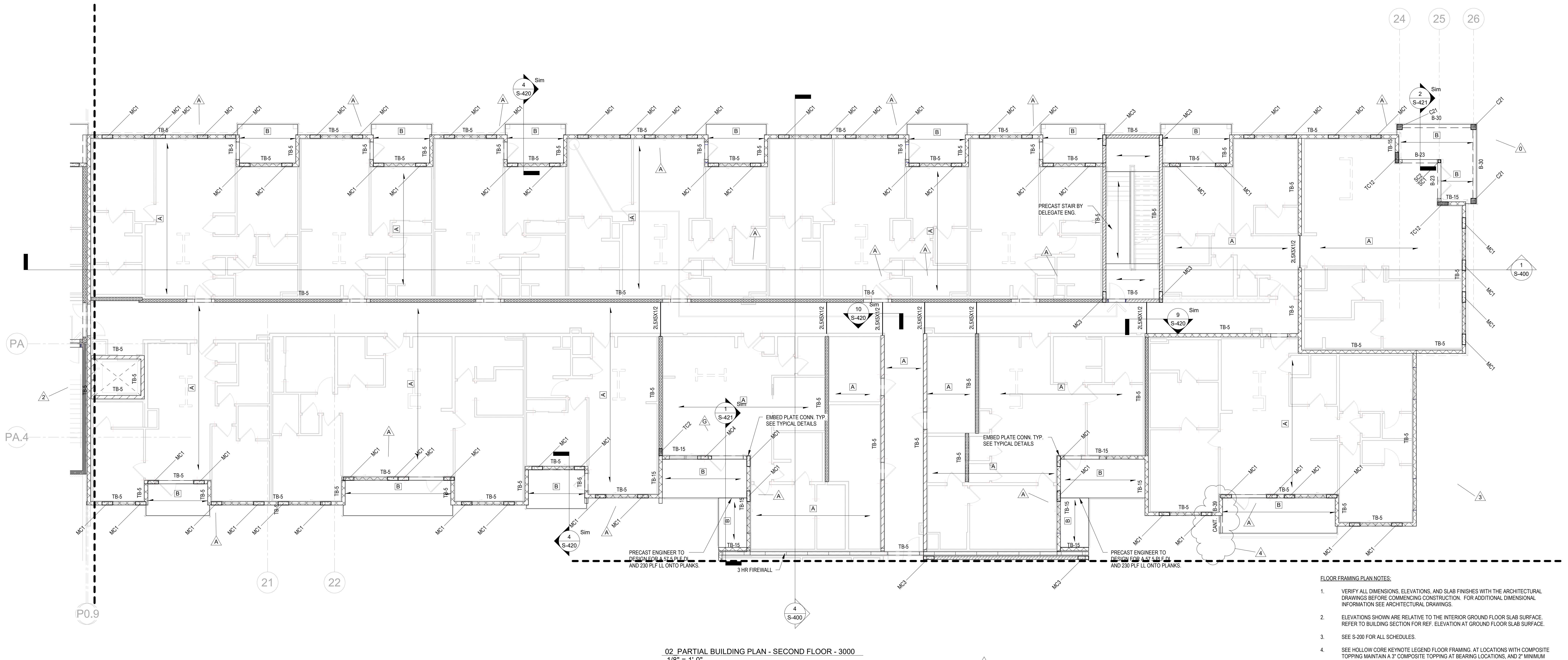
CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION

AN LEGEND

▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.

E THRU
ELOW INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.





WALL LEGEND

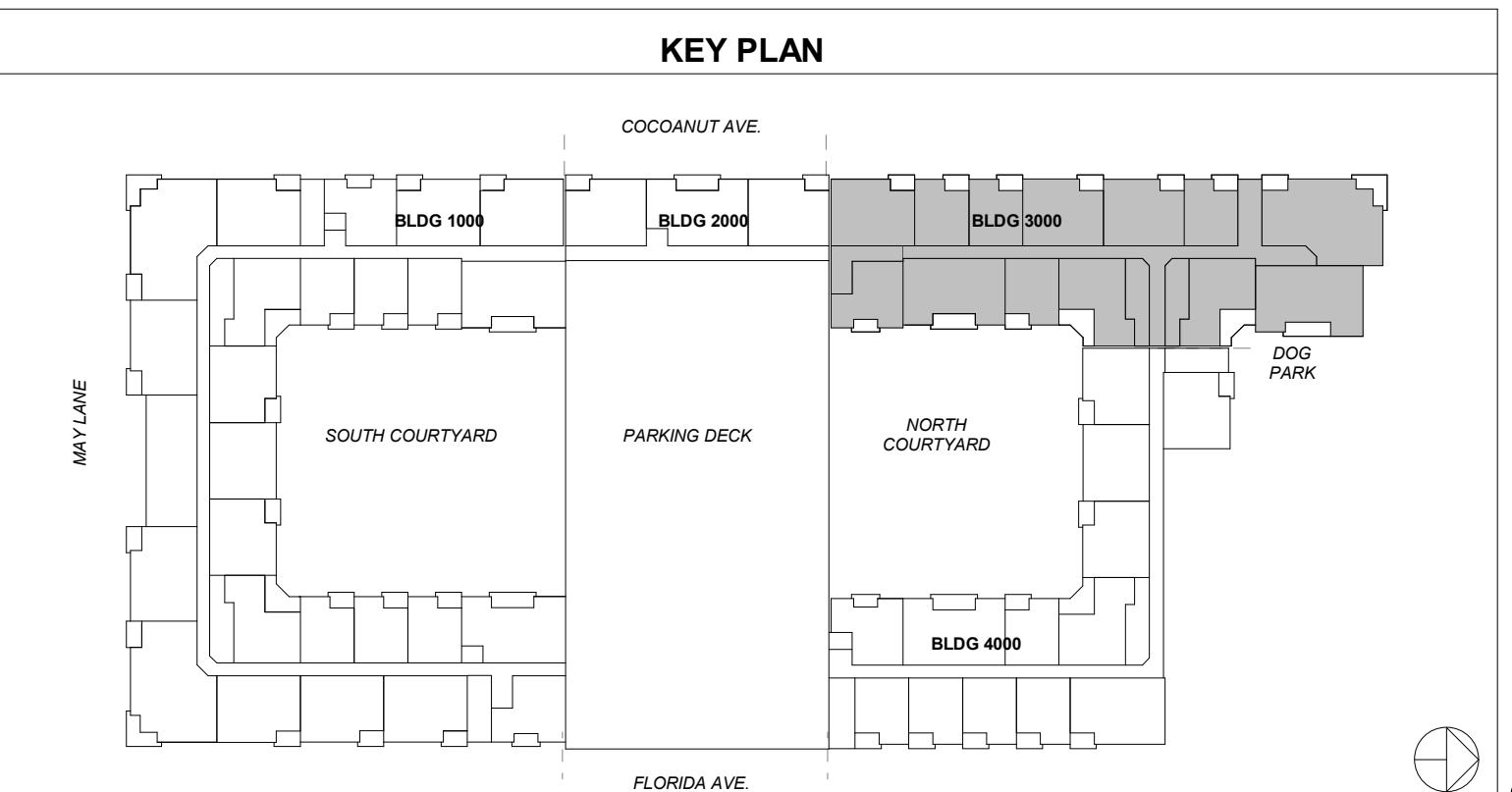
- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND 15" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 24" O.C. AT ALL OTHER LEVELS PROVIDE #18#16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #16 AT 8" O.C. AT SECOND FLOOR PROVIDE #18#16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #18#16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEE BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16#16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16#16 AT 24" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES AN 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16#16 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3-HR-FIREWALL. MASONRY WALL REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

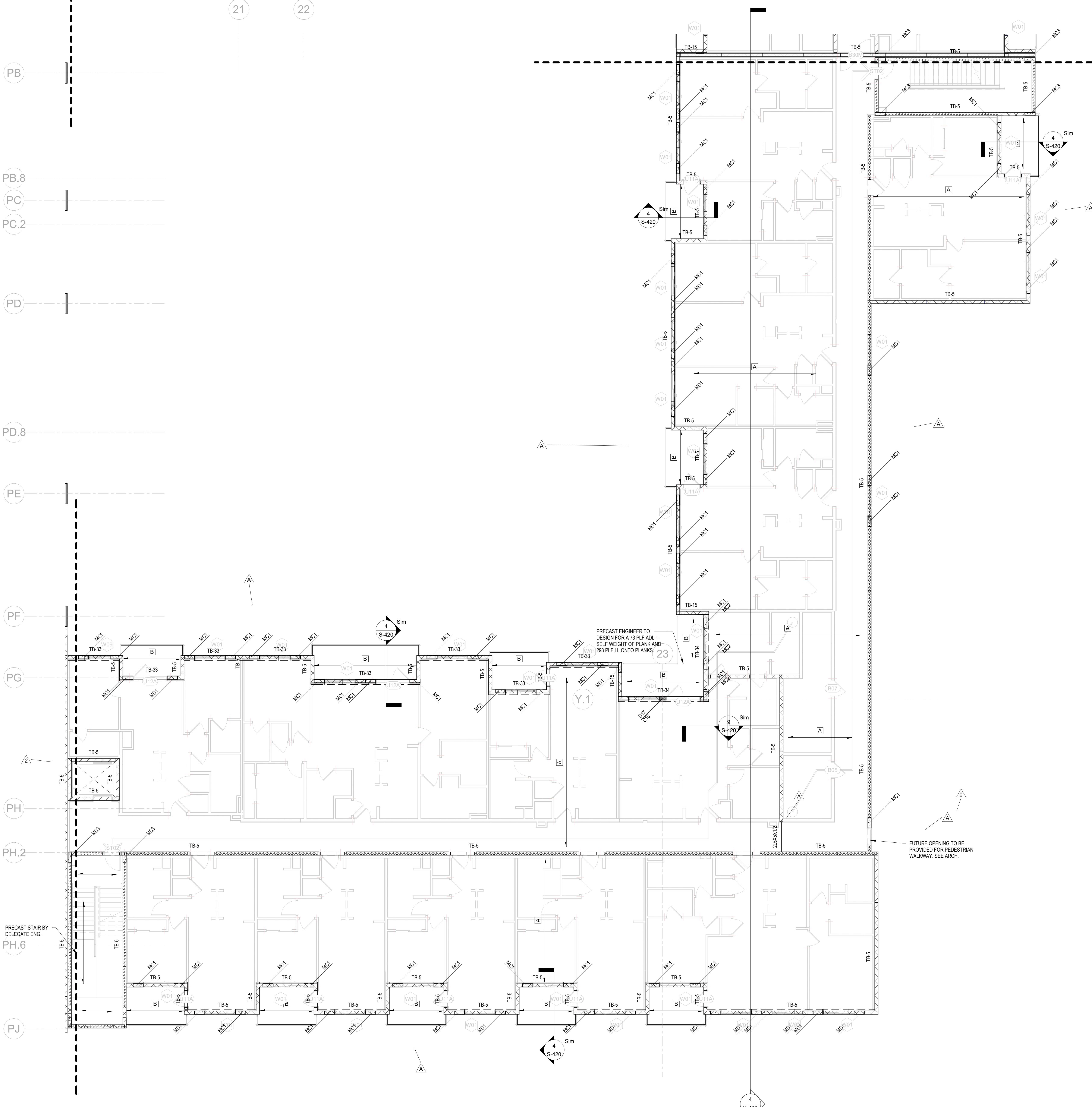
PLAN LEGEND

▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.

ABOVE THRU ▲ INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

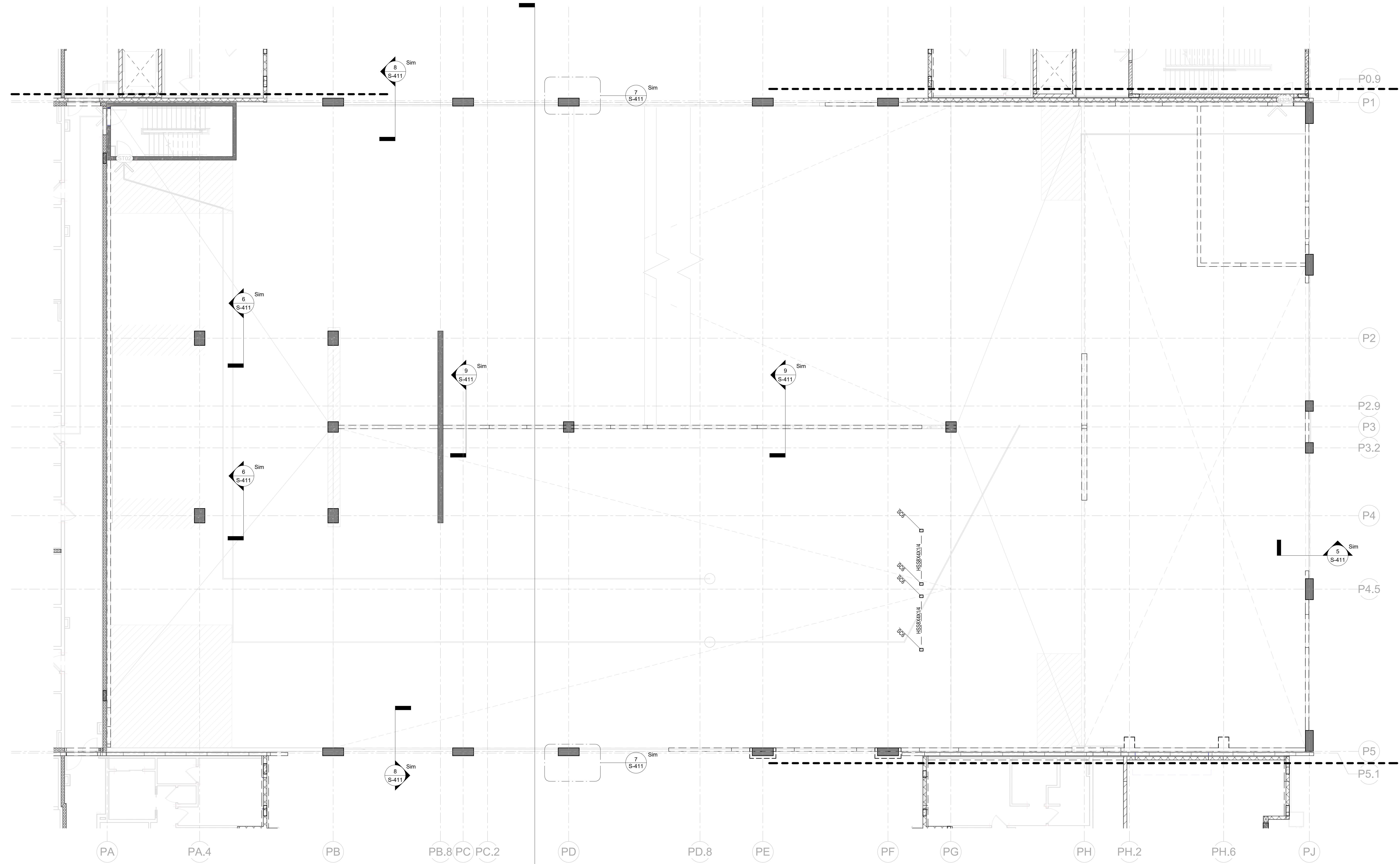
BELLOW ▲ INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.





SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236

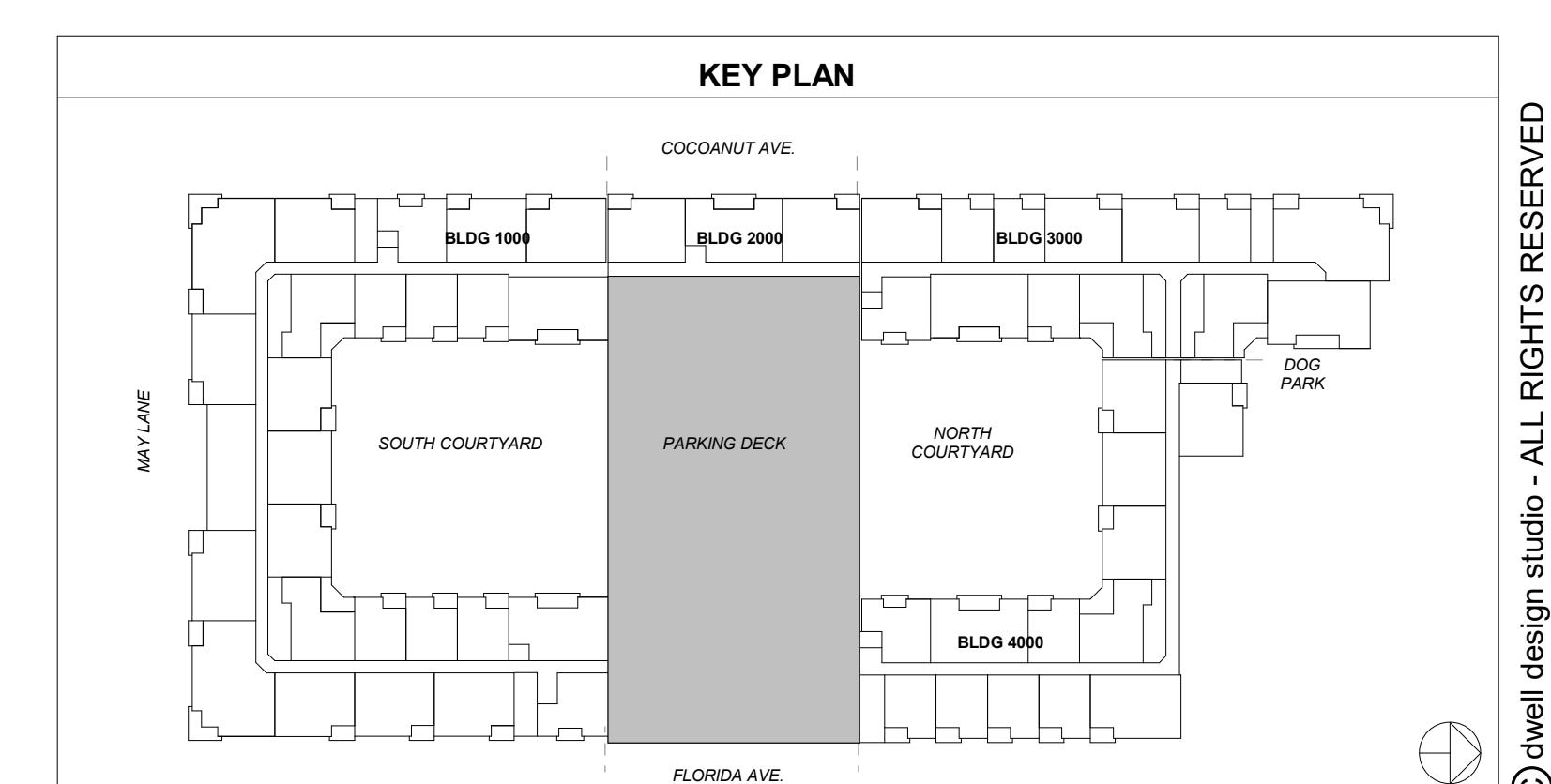


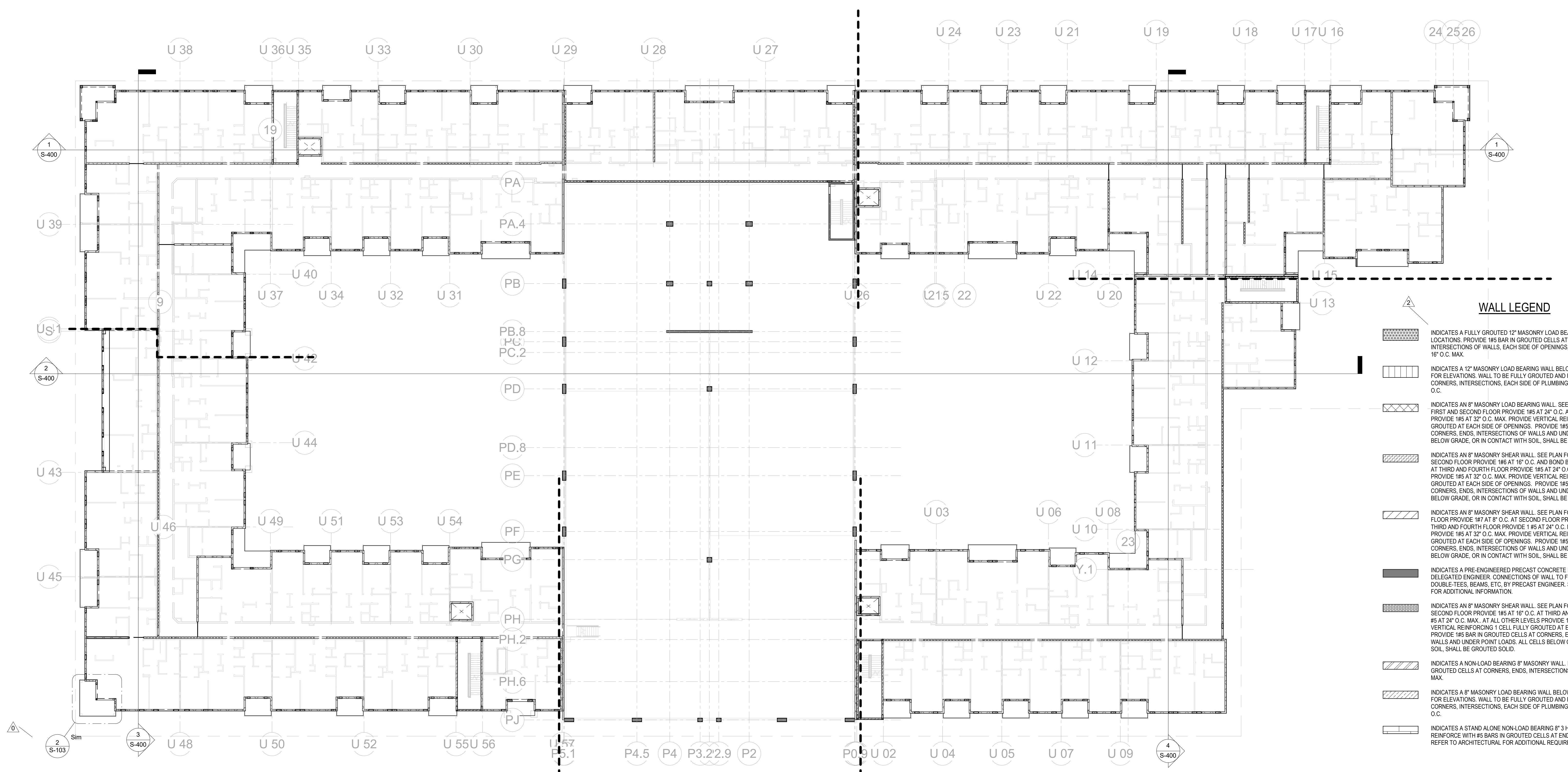
02. OVERALL PARKING DECK - SECOND FLOOR
1/8" = 1'-0"

8/23/2024 3:30:11 PM
ENGINEER OF RECORD
Cordell S. Van Nestrand
FL P.E. # 67580

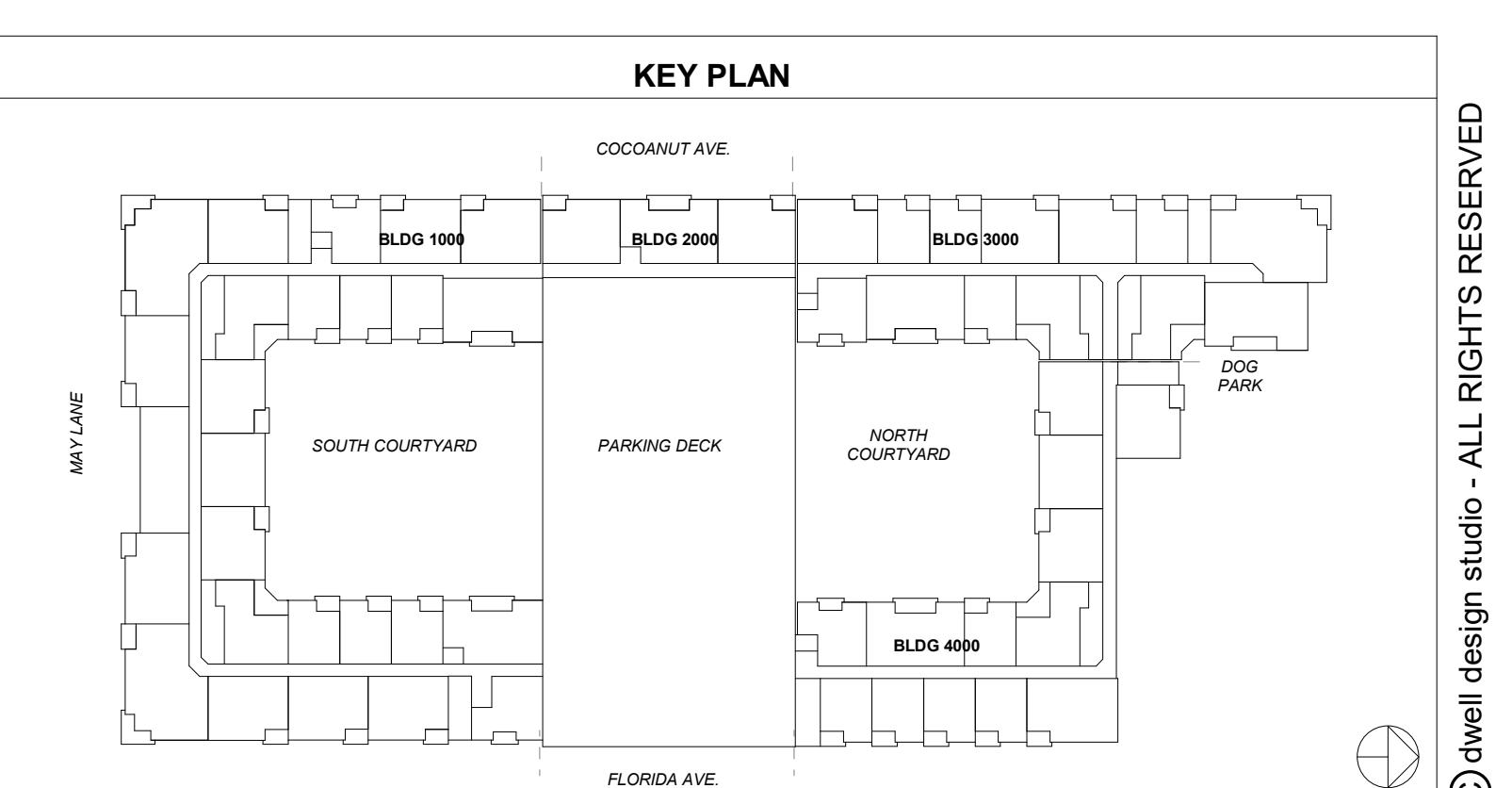
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KEY PLAN
OVERALL PARKING
DECK PLAN - SECOND
FLOOR
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY: BGN
CHECKED BY: EM





- FLOOR FRAMING PLAN NOTES:**
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 - ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 - SEE S-200 FOR ALL SCHEDULES.
 - SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TIPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 - GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 - TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X) ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.
 - STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE BEAM SHEAR VALUES GIVEN ON S-200 CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).
 - CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.



03. OVERALL
BUILDING PLAN -
THIRD FLOOR

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY: BGN

CHECKED BY: EM

S-104

HOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

WALL LEGEND

INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #15S BAR IN GROUTED CELLS AT CORNERS, END INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.

INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #14S AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.

INDICATES AN 8" MASONRY LOAD BEARING SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #15S AT 16" O.C. AT ALL OTHER LEVELS. PROVIDE #15S AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15S BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES AN 8" MASONRY LOAD BEARING SHEAR WALL. SEE PLAN FOR LOCATIONS. AT THIRD AND FOURTH FLOOR PROVIDE #15S AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15S AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15S BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #16T AT 8" O.C. AT SECOND FLOOR PROVIDE #16S AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16S AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16S AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16S BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.

INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16T AT 16" O.C. AT ALL OTHER LEVELS. PROVIDE #16S AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16S BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.

INDICATES AN 8" MASONRY LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 12" O.C. MAX.

INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #15S AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.

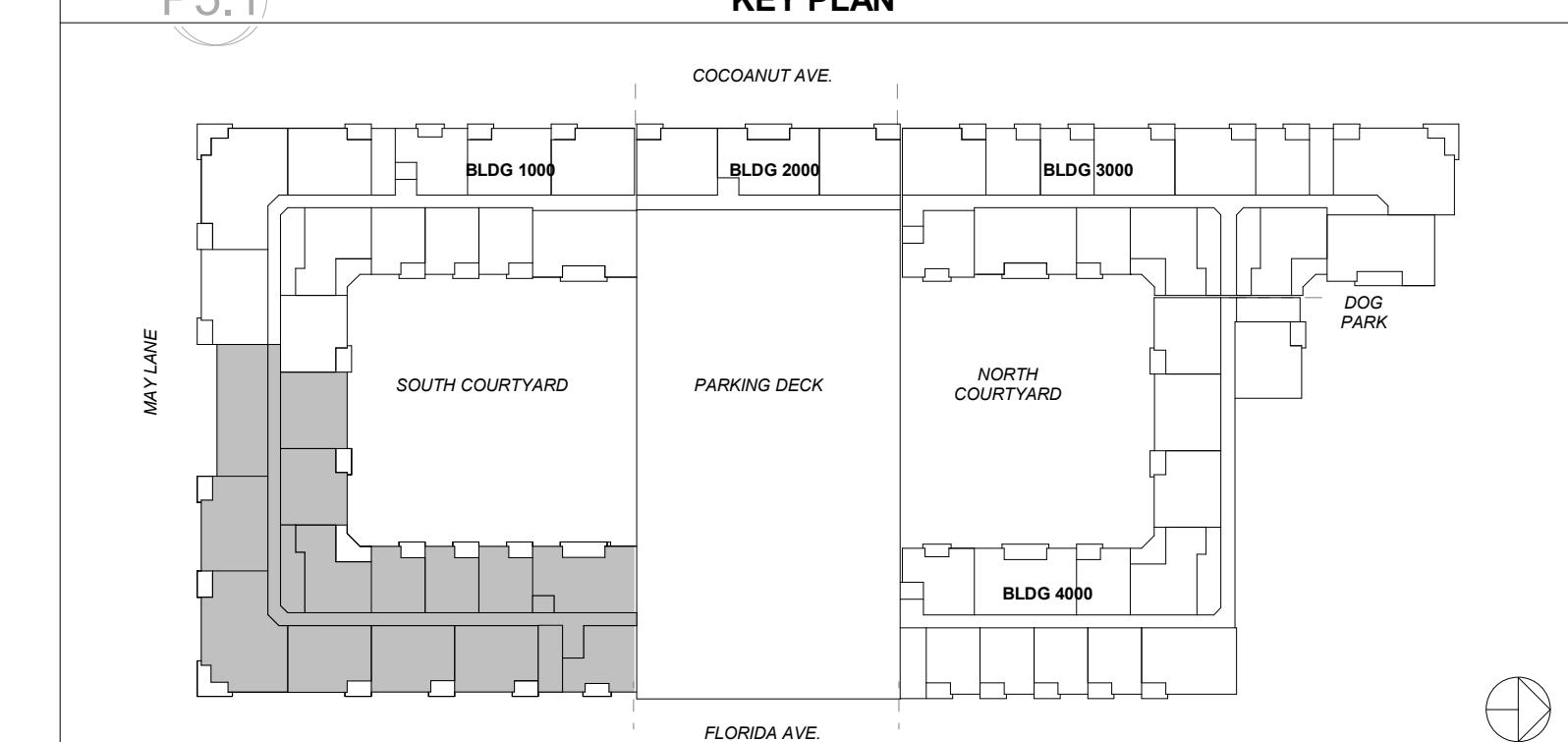
INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL. MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES:

- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
- ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
- SEE S-200 FOR SCHEDULES.
- SEE HOLLOW CORE KEYNOTE FOR LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
- TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X/X') ARE THE TOP OF BEAM REFERENCED IN N.A.V.
- STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNIFIED AS "DESIGNED BY A FLOOR PLATE CONNECTIONS" OR "DESIGNED BY A TIE BEAM CONNECTION". DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/PLATE CONNECTIONS).
- CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS. UNLESS NOTED OTHERWISE, TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

KEY PLAN



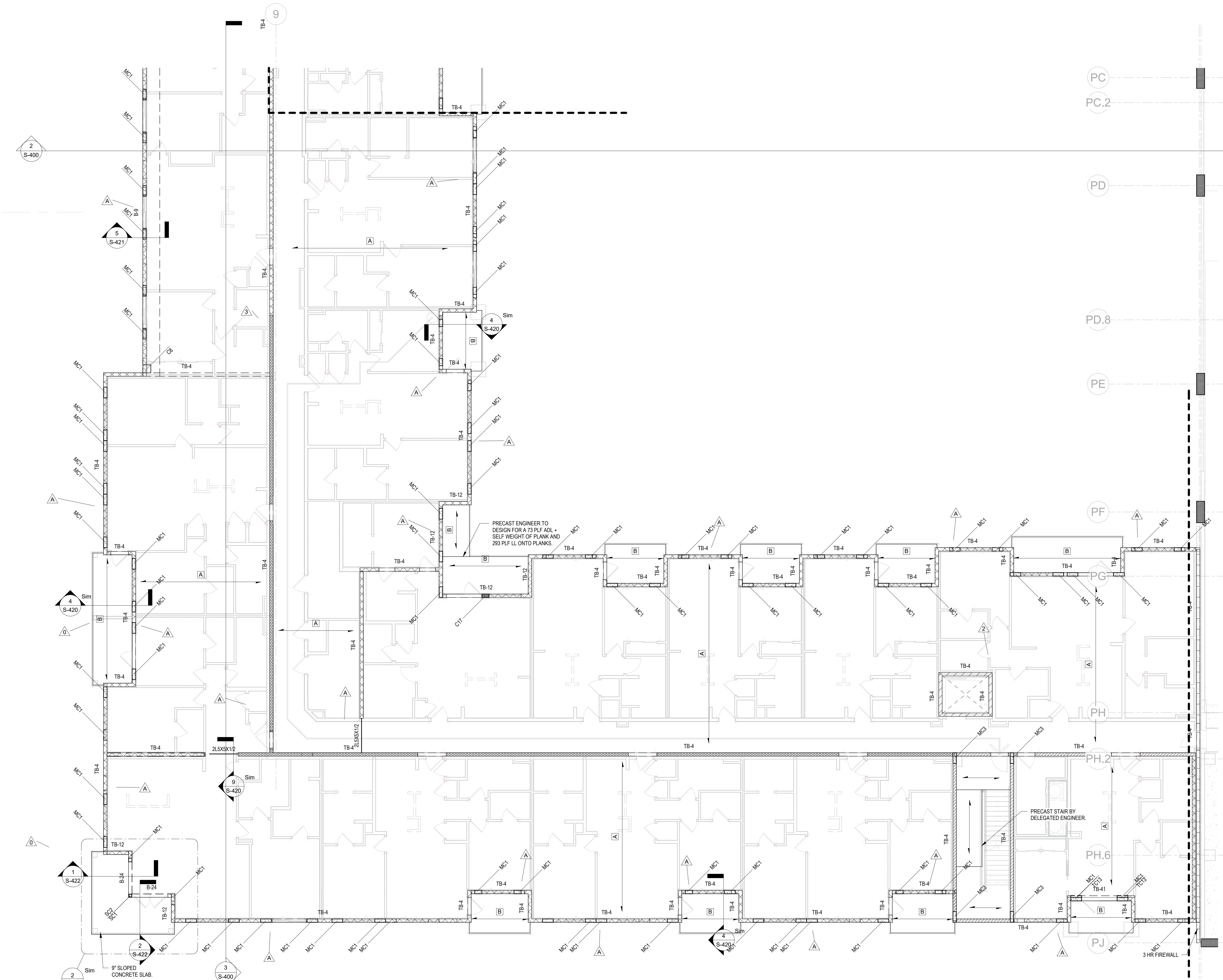
03 PARTIAL BUILDING PLAN - THIRD FLOOR - 1000A
ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

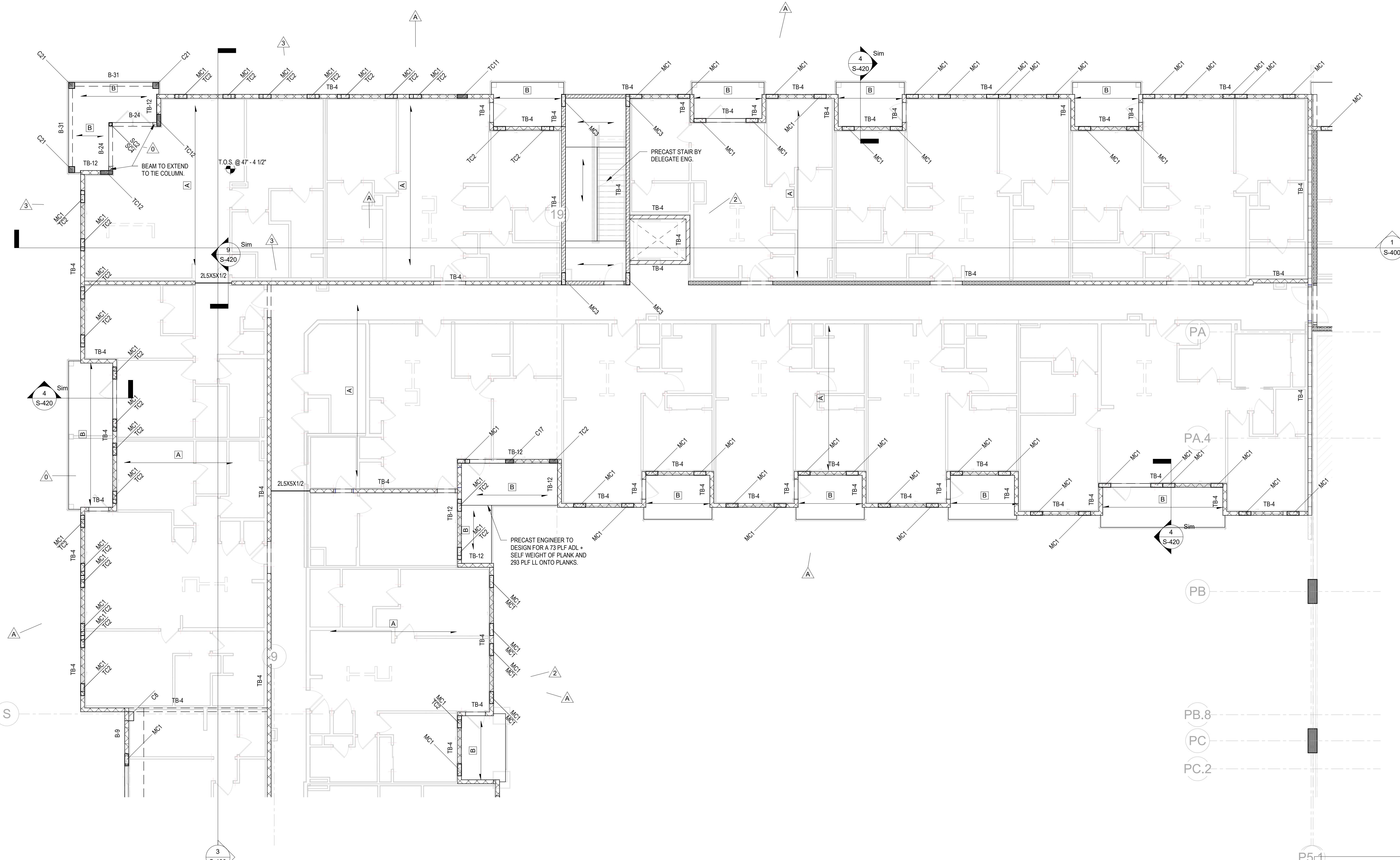
DRAWN BY BGN CHECKED BY EM

S-104A

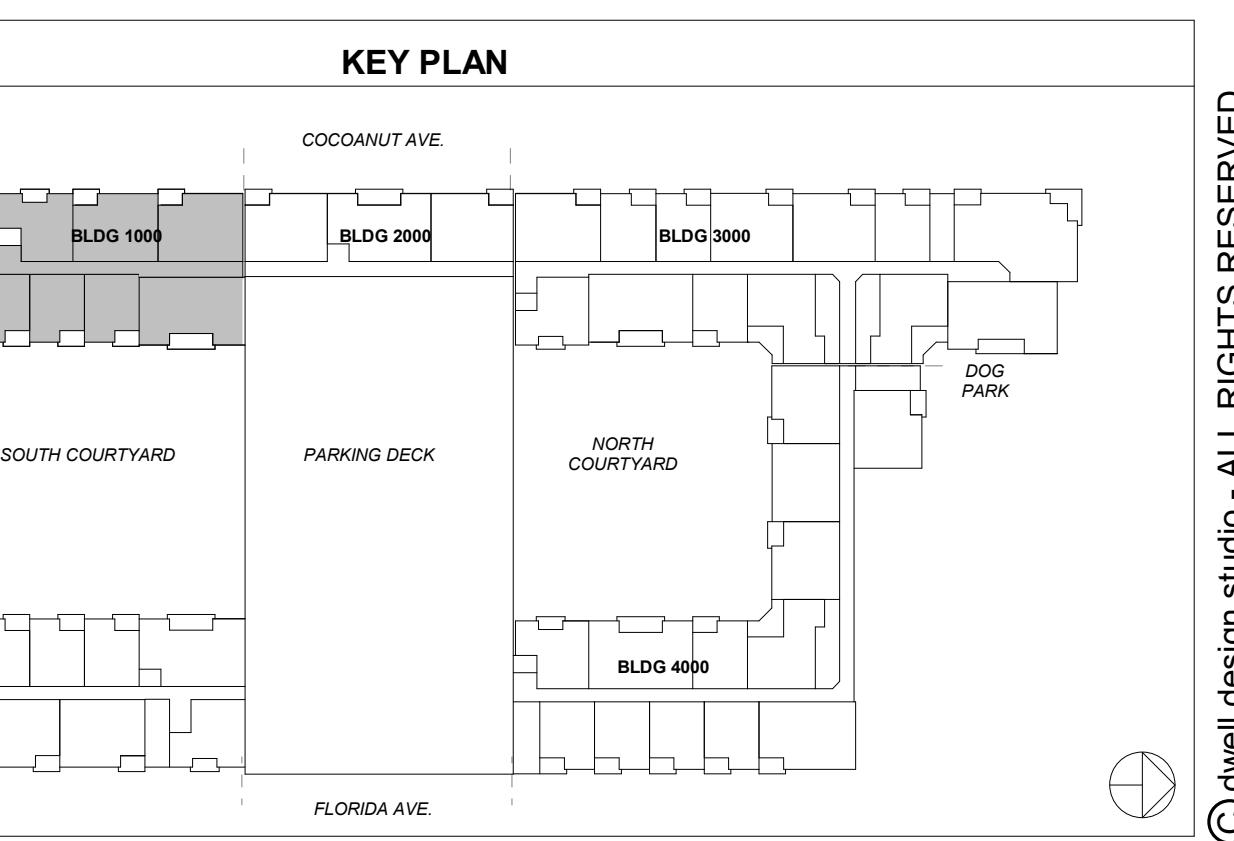
03 PARTIAL BUILDING PLAN - THIRD FLOOR - 1000A
1/8" = 1'-0"



HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SI ABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



03_PARTIAL BUILDING PLAN - THIRD FLOOR - 1000B
1/8" = 1'-0"



03 PARTIAL BUILDING
PLAN - THIRD FLOOR -
1000B

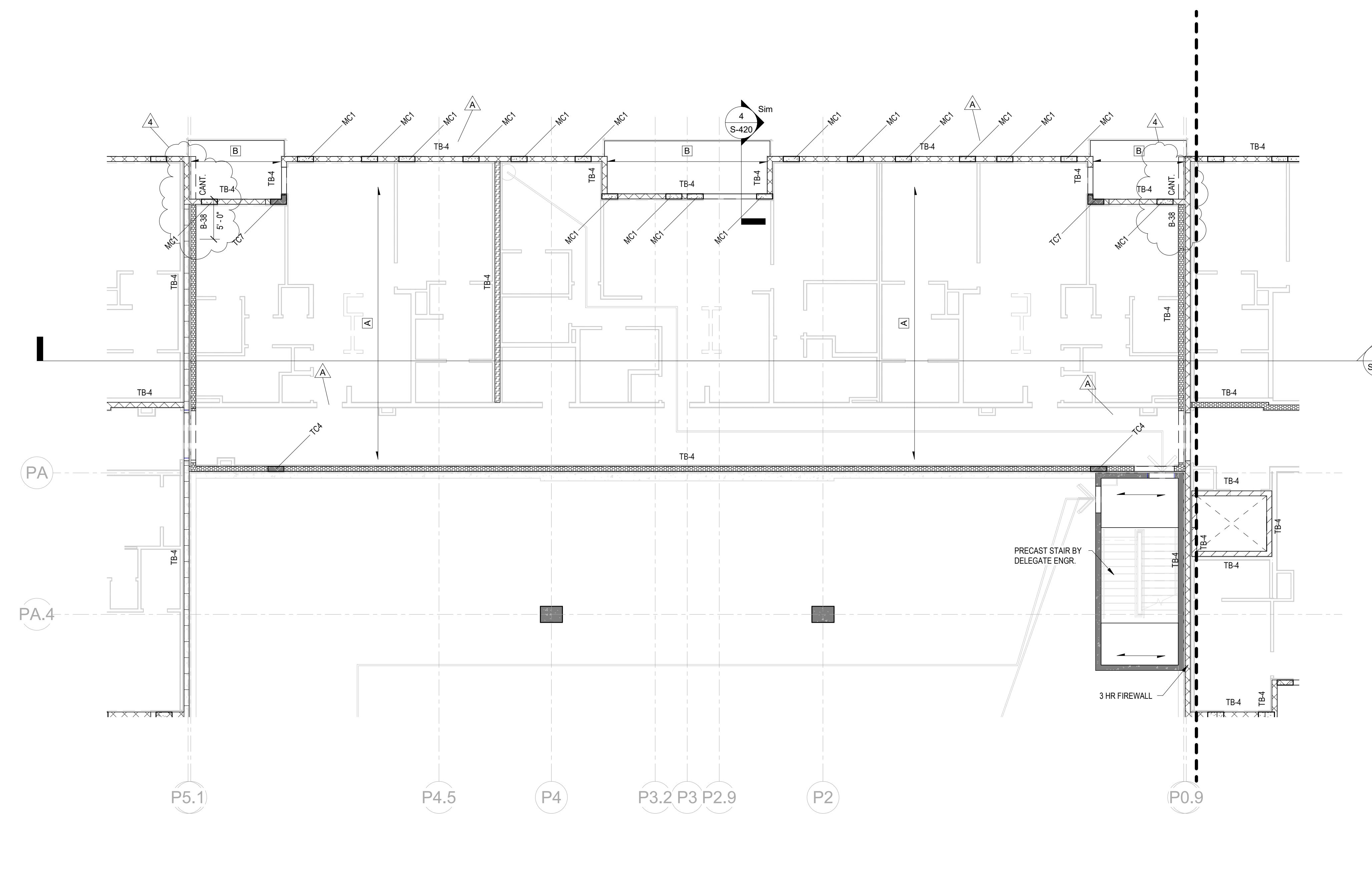
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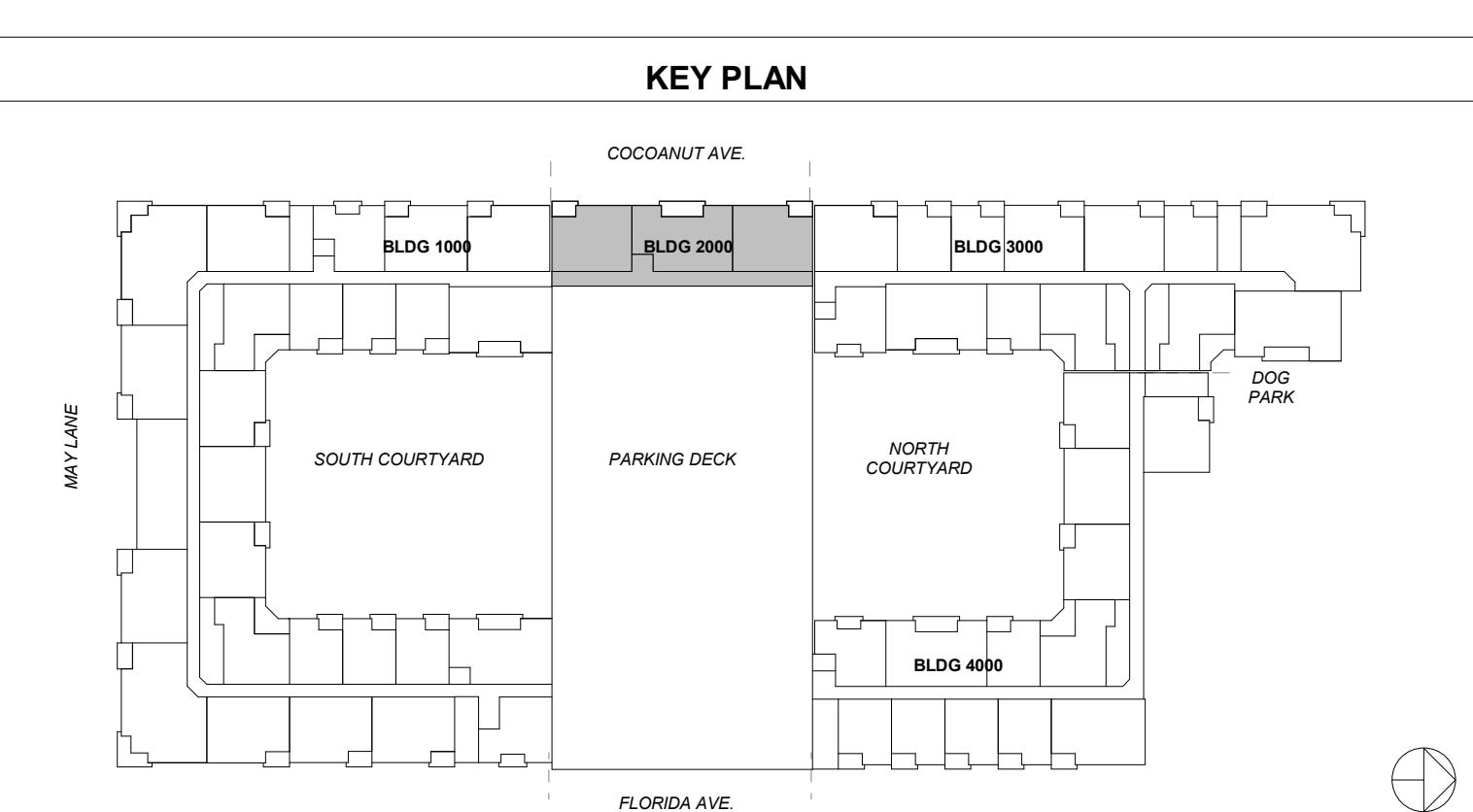
DRAWN BY: BGN CHECKED BY: EM

S-104B

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



PLAN LEGEND
 ▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
 ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

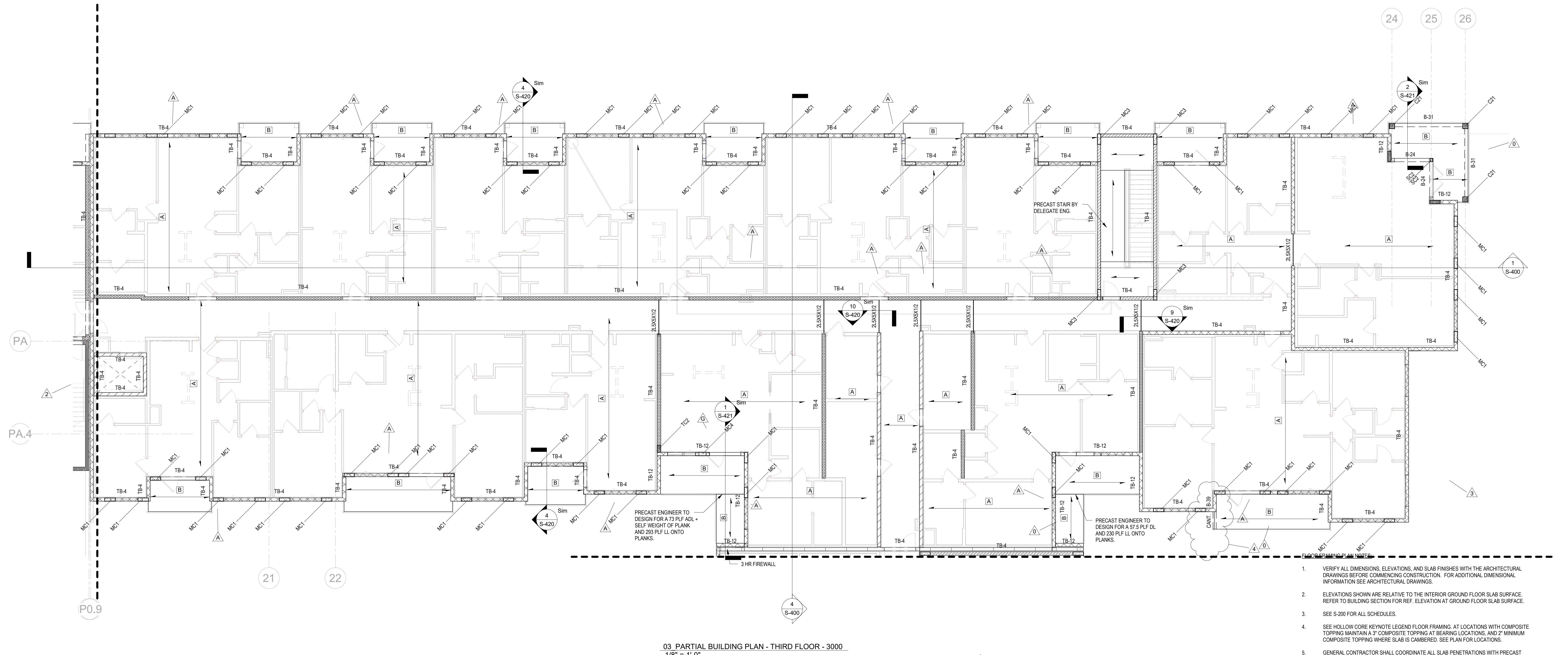


03 PARTIAL BUILDING PLAN - THIRD FLOOR - 2000
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY: BGN
CHECKED BY: EM
S-104C

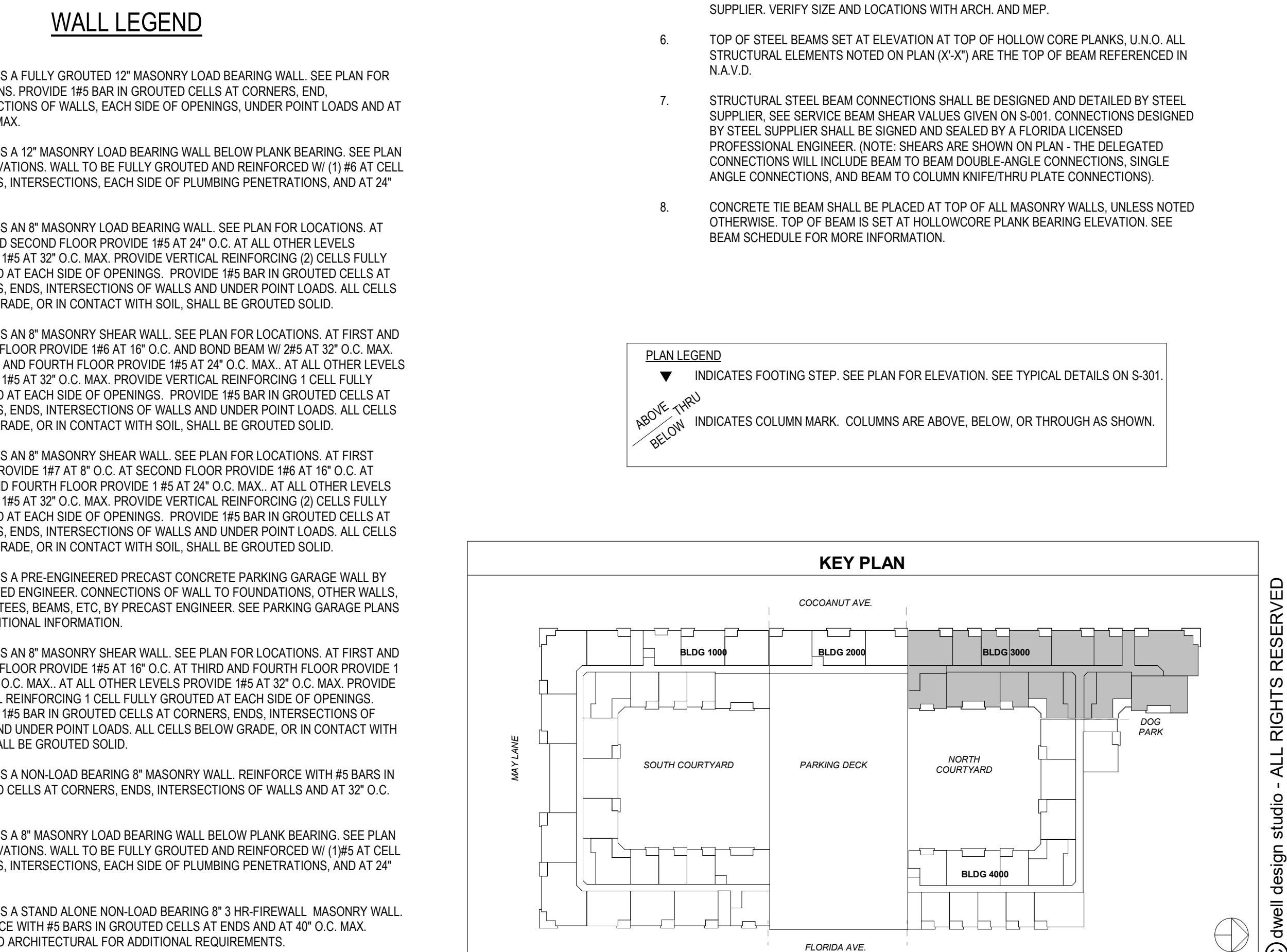
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 06/10/2022 DESIGN DEVELOPMENT X
 06/10/2022 DRAFT REVIEWS X
 01/13/2023 GM/P PERMIT X
 01/13/2023 ADD. 2 FOUNDATION PERMIT X
 03/19/2023 ADD. 1 FOUNDATION PERMIT X
 03/19/2024 STRUCTURAL BLDG PRECAST IFC X
 04/10/2024 PRECAST CONCRETE PERMIT X
 04/10/2024 PRECAST CONCRETE PERMIT X

REVISION
 DATE DESCRIPTION
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 03/19/2023 INFORMATION PERMIT X
 03/20/2024 ASI #3 X

MAIL
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 ENGINEER OF RECORD
 Cordell S. Van Neststrand
 FL P.E. # 67580
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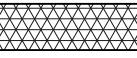
HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE SLAB TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE SLAB TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



FOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

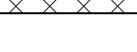
WALL LEGEND



INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.



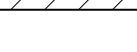
INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ (1) #6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.



INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 24" O.C. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.



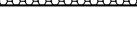
INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AND BOND BEAM W/ 2#5 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE 1#5 AT 24" O.C. MAX.. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.



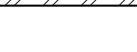
INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE 1#7 AT 8" O.C. AT SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1 #5 AT 24" O.C. MAX.. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.



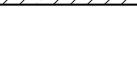
INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC, BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.



INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1 #5 AT 24" O.C. MAX.. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.



INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.



INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ (1)#5 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.



INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS

FLOOR FRAMING PLAN NOTES:

1. VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 2. ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 3. SEE S-200 FOR ALL SCHEDULES.
 4. SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 5. GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 6. TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS, U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X'-X") ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.
 7. STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER, SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-001. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).
 8. CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

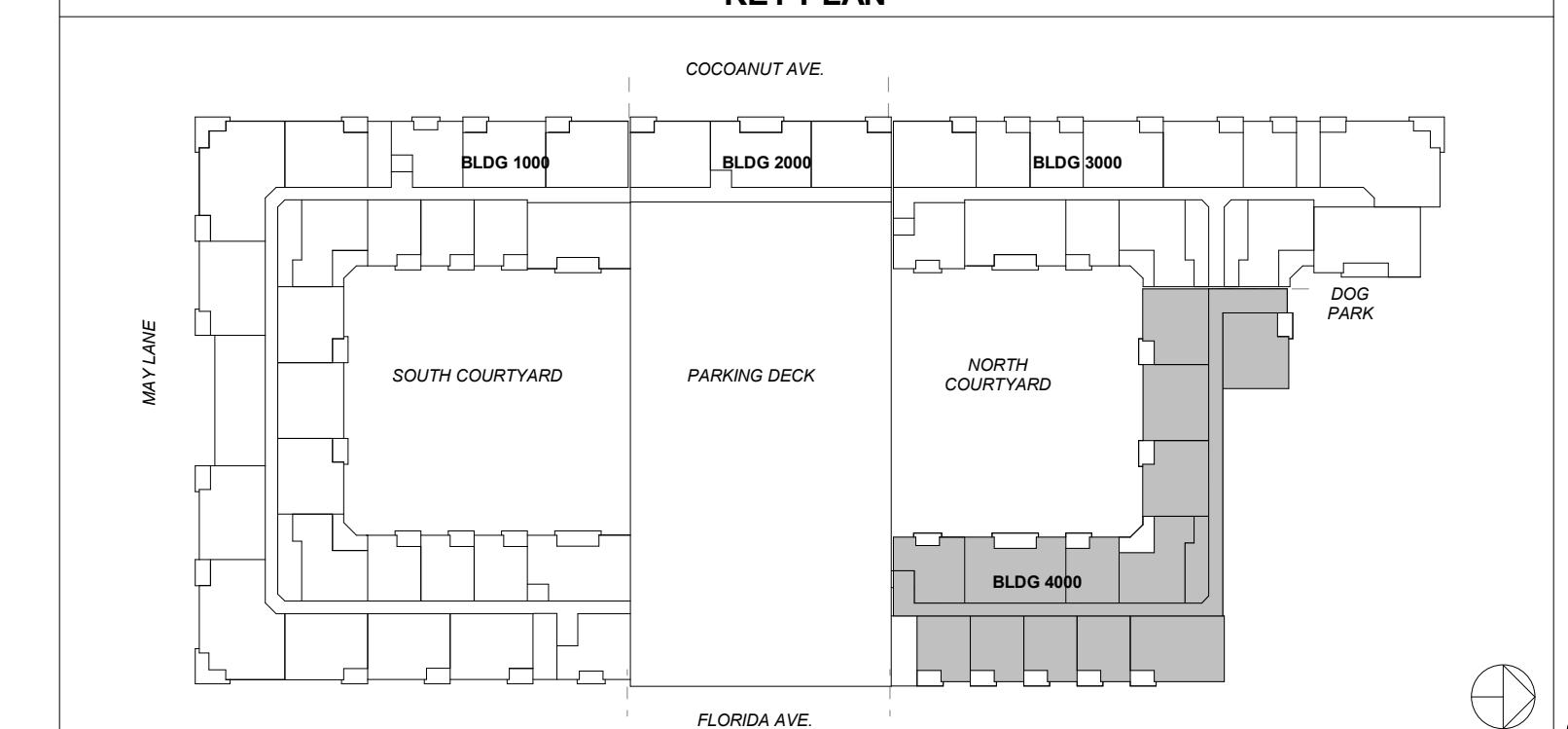
PLAN LEGEND

▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.

ABOVE / THRU
LOW THRU

INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

KEY PLAN



SARASOTA BAYSIDE

800 COCOANUT AVE.
SARASOTA, FL 34236

DESCRIPTION	INCLUDED
CHEMATIC DESIGN	X
EIGN DEVELOPMENT	X
0% CDs	X
MP/ PERMIT	X
RICING ADDENDUM 1	X
DD. 2 FOUNDATION PERMIT	X
TRUCTURAL GARAGE IFC	X
TRUCTURAL BLDG PRECAST IFC	X
SSUED FOR CONSTRUCTION	X

ON	DESCRIPTION	REV.
Y COMMENT RESPONSE		B

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an Nostrand
67580

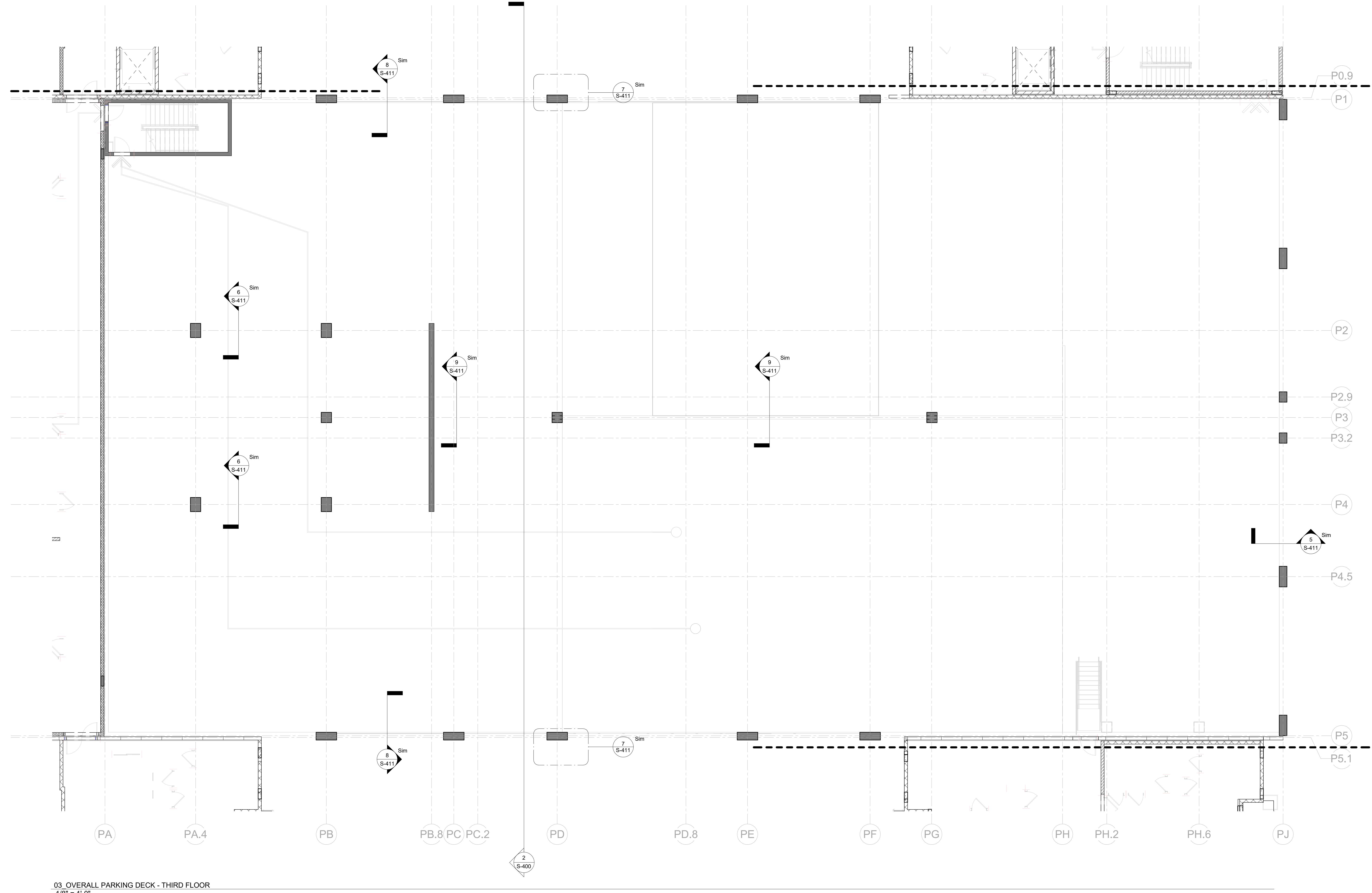
CONSENT OF DWELL DESIGN STUDIO.
THE DIMENSIONS OF WHICH ARE 30 x 42 INCHES.

CONSTRUCTION

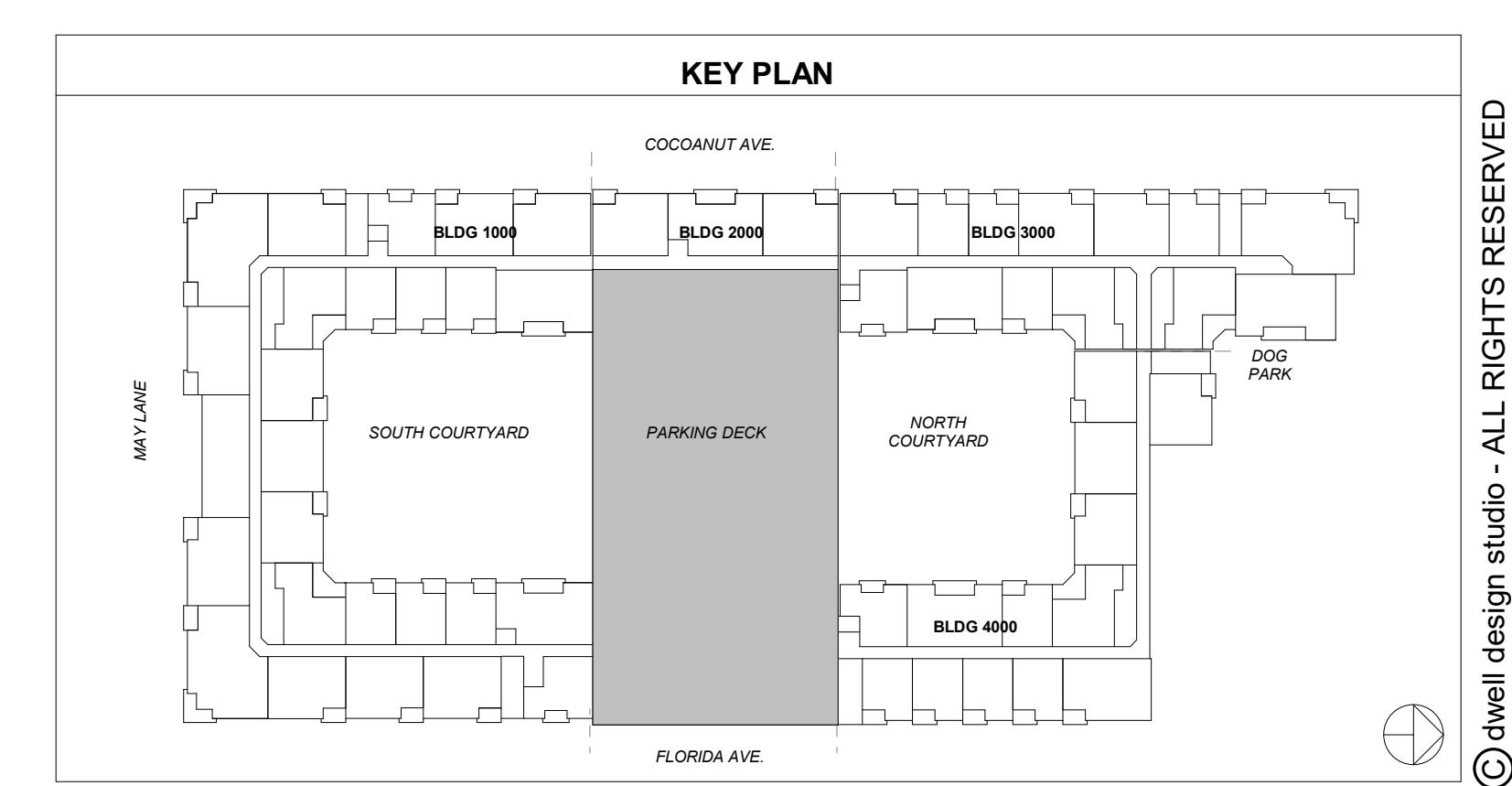
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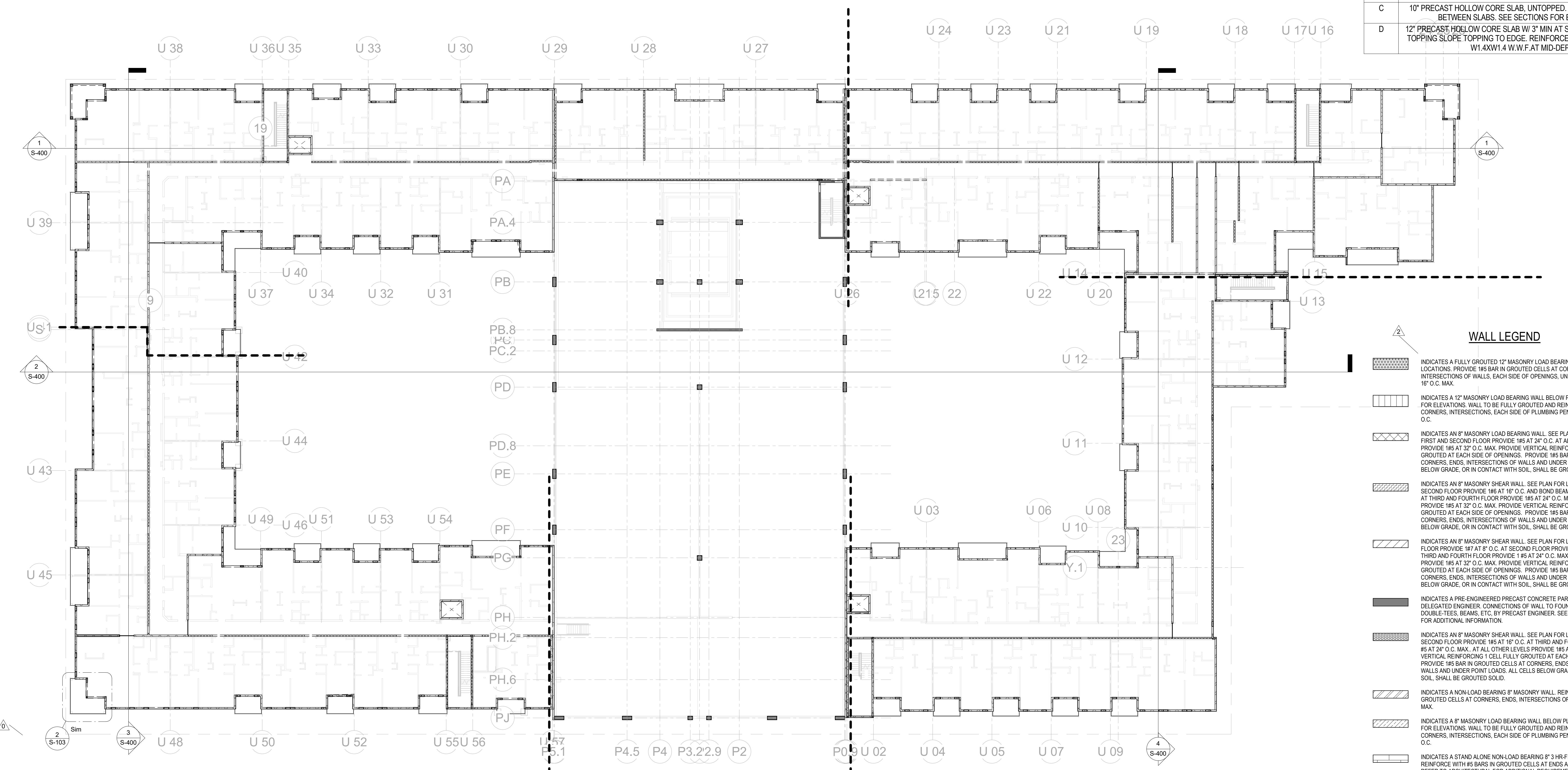
04



03_OVERALL PARKING DECK - THIRD FLOOR

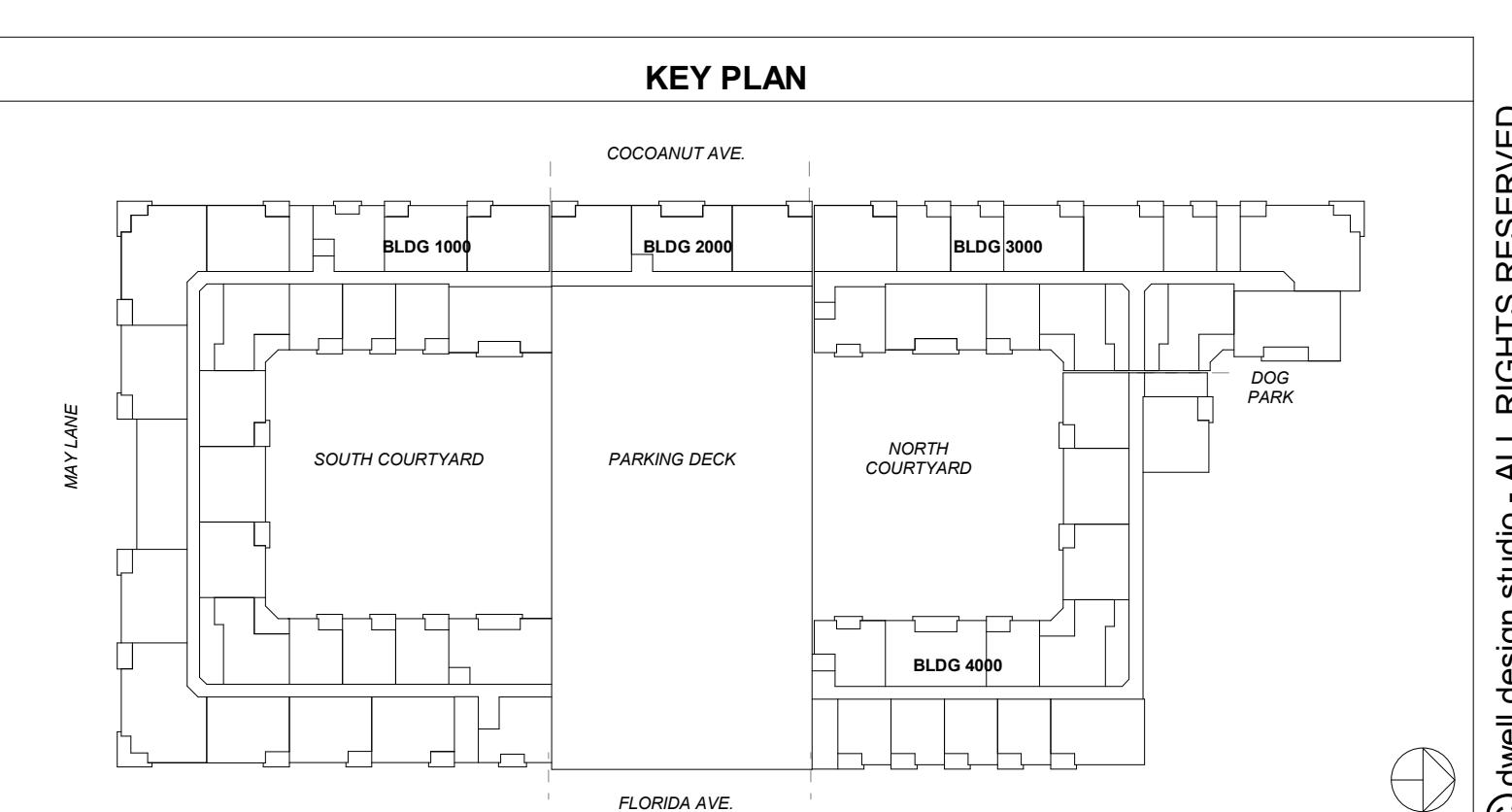


HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



04 OVERALL BUILDING PLAN - FOURTH FLOOR
1" = 20'-0"

- FLOOR FRAMING PLAN NOTES:
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 - ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 - SEE S-200 FOR ALL SCHEDULES.
 - SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 - GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 - TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X) ARE THE TOP OF BEAM REFERENCED IN NAV.
 - STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE PROVIDER FOR DESIGN. PRECAST CONNECTIONS DESIGNED BY PRECAST ENGINEER. BEAMS SHALL BE SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).
 - CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.



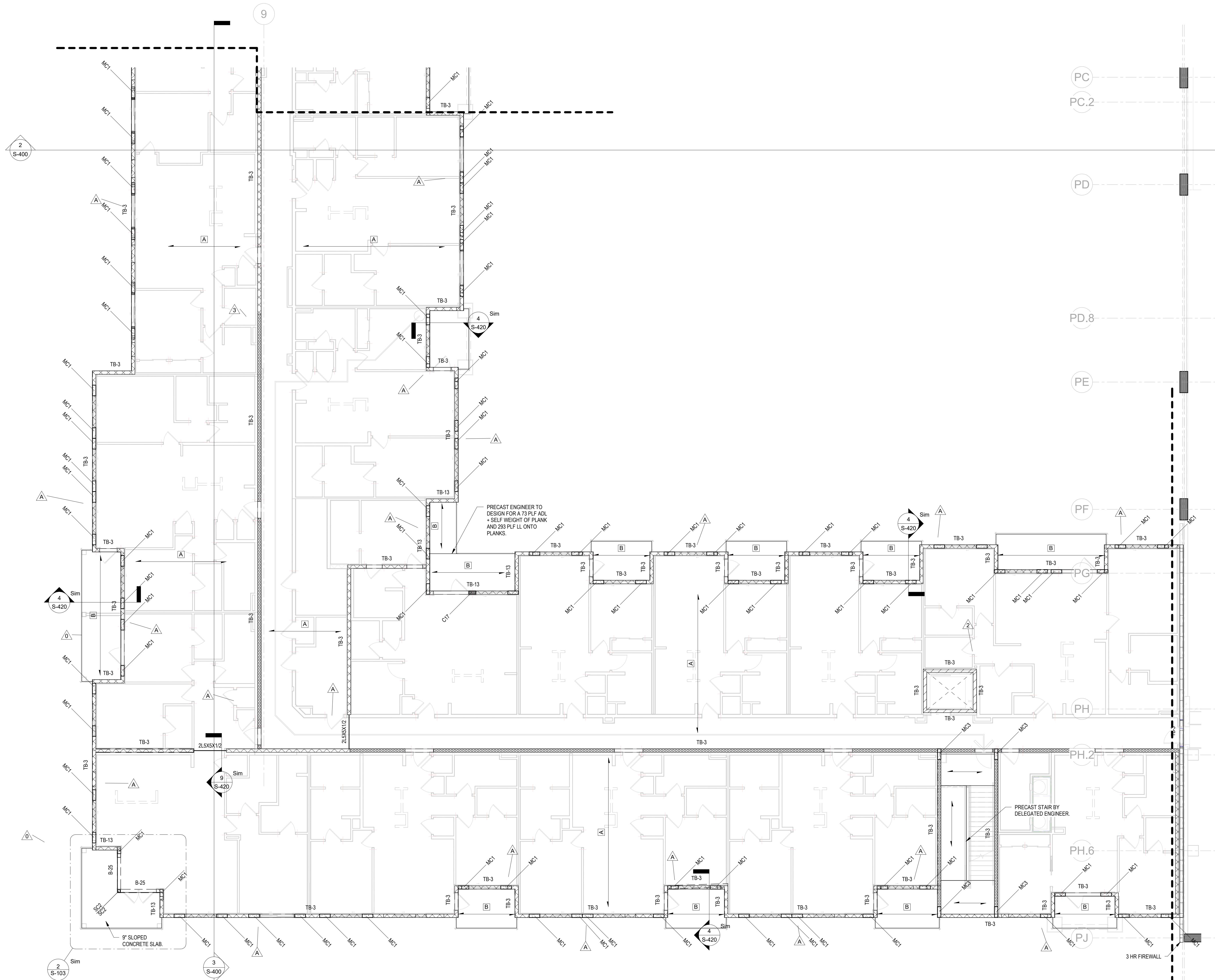
KEY PLAN
04 OVERALL
BUILDING PLAN -
FOURTH FLOOR

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY: BGN
CHECKED BY: EM

S-105



04 PARTIAL BUILDING PLAN - FOURTH FLOOR - 1000A
1/8" = 1'-0"

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH.

WALL LEGEND

- 2: INDICATES A FULLY GROUTED 2' MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- PD: INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR LOCATIONS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- PD.8: INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- PE: INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 32" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#5 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (1) CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- PF: INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE 1#5 AT 8" O.C. AT SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- PG: INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- PH: INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#5 AT 16" O.C. AND 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#5 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- PL: INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- PL.8: INDICATES AN 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ 1#5 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- PL.12: INDICATES A STAND ALONE 8" MASONRY BEARING 3 HR FIREWALL. MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

ISSUE

03/29/2022	SCHEMATIC DESIGN	X
06/10/2022	DESIGN DEVELOPMENT	X
06/10/2022	DRWNS FOR CONSTRUCTION	X
01/13/2023	CDP PERMIT	X
01/13/2023	ADU 1 FOUNDATION IFC	X
01/13/2023	ADU 2 FOUNDATION IFC	X
03/19/2024	STRUCTURAL BLDG PRECAST IFC	X
04/10/2024	STRUCTURAL BLDG CONCRETE IFC	X

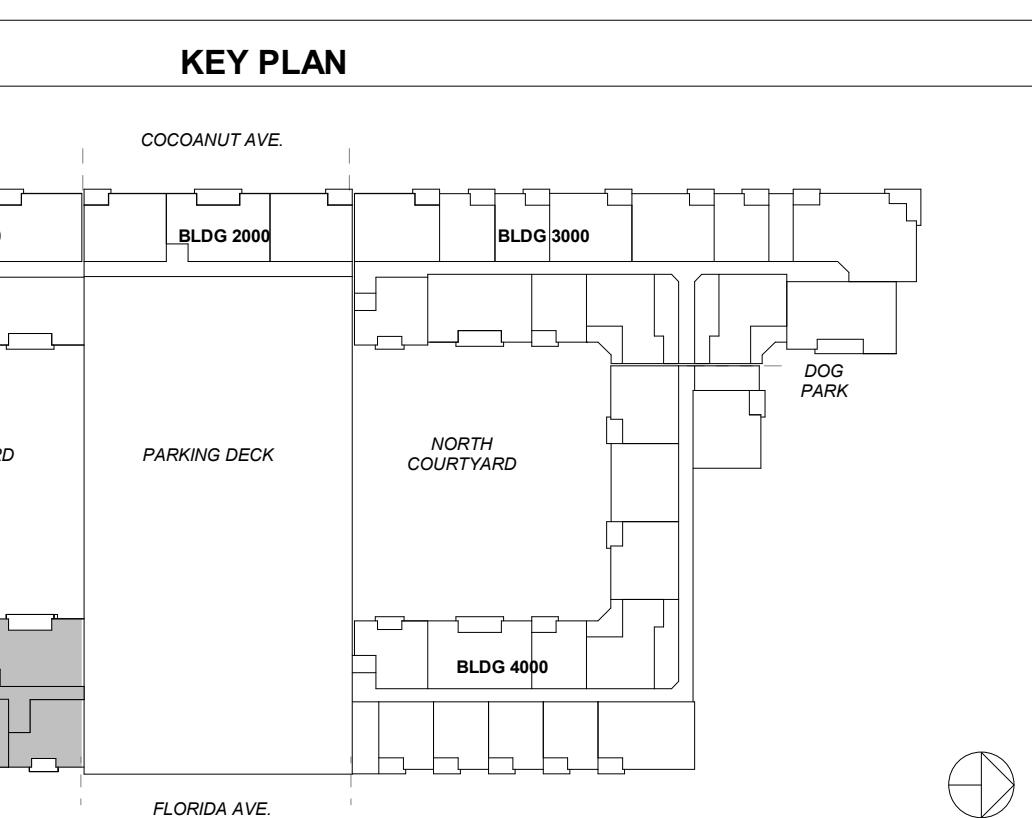
REVISION

04/10/2024	MTC 1000 - DEPART COMMENTS	X
04/10/2024	REVISED FOR CONSTRUCTION	X
06/05/2024	REVISED FOR CONSTRUCTION	X
06/05/2024	AS 402	X

- FLOOR FRAMING NOTES
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 - ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 - SEE S-200 FOR ALL SCHEDULES.
 - SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 - GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 - TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. L.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X) ARE THE TOP OF BEAM REFERENCED IN N.A.V.
 - STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).
 - CONCRETE TIE BEAM SHALL BE PLACED AT THE TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND

▲	INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE	INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
BELOW	INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



04 PARTIAL BUILDING
PLAN - FOURTH
FLOOR - 1000A

ISSUED FOR CONSTRUCTION

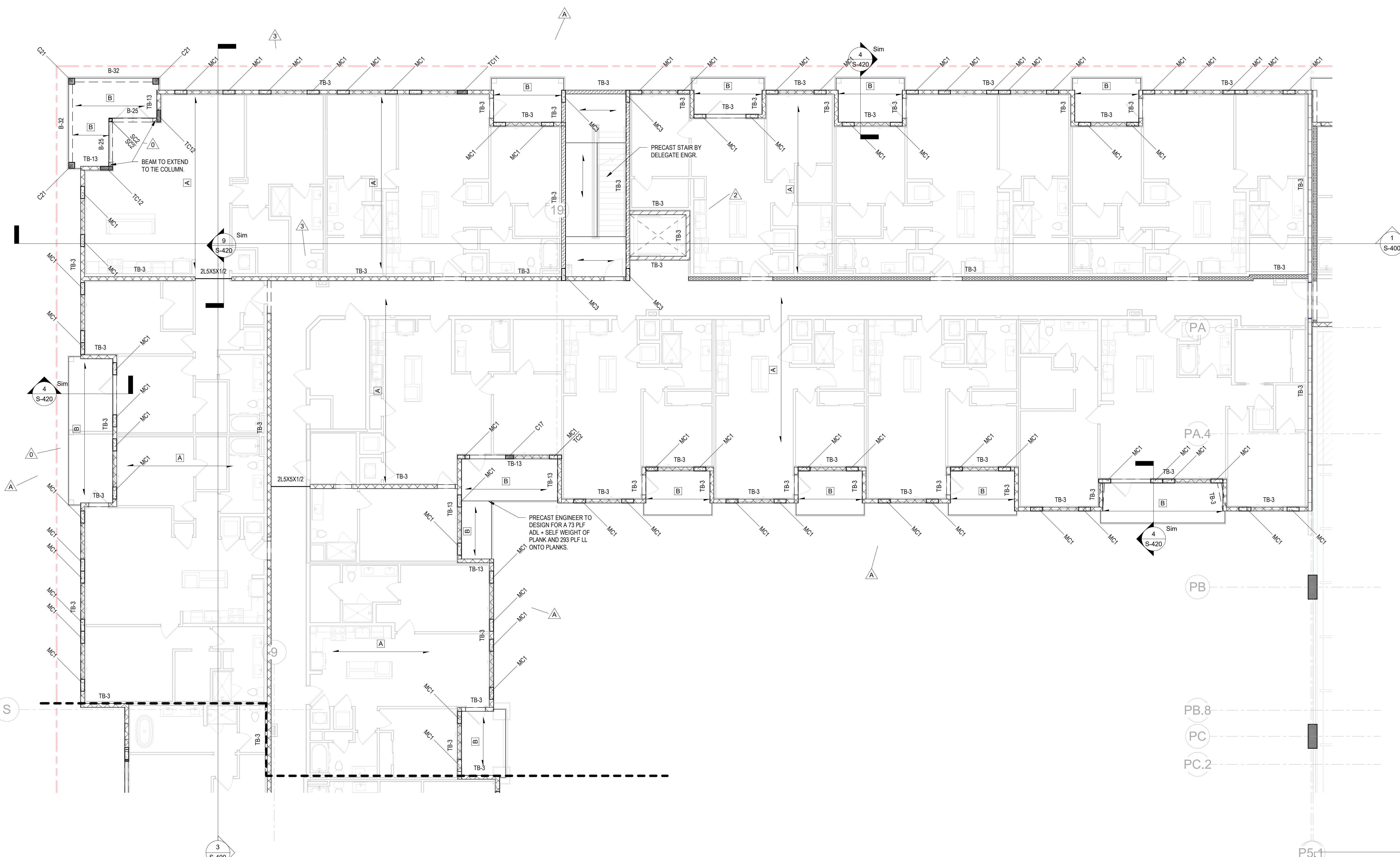
JOB NUMBER: 22037

DRAWN BY BGN CHECKED BY EM

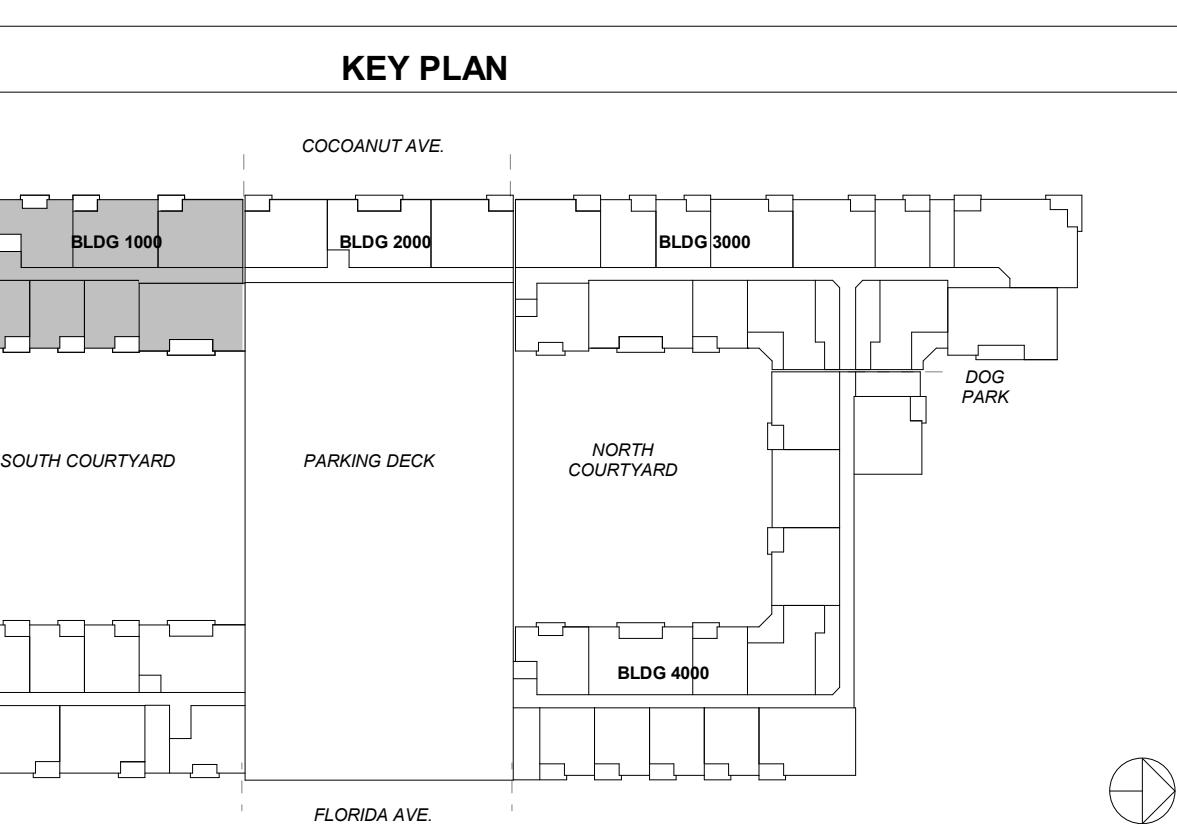
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S-105A

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SI ABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

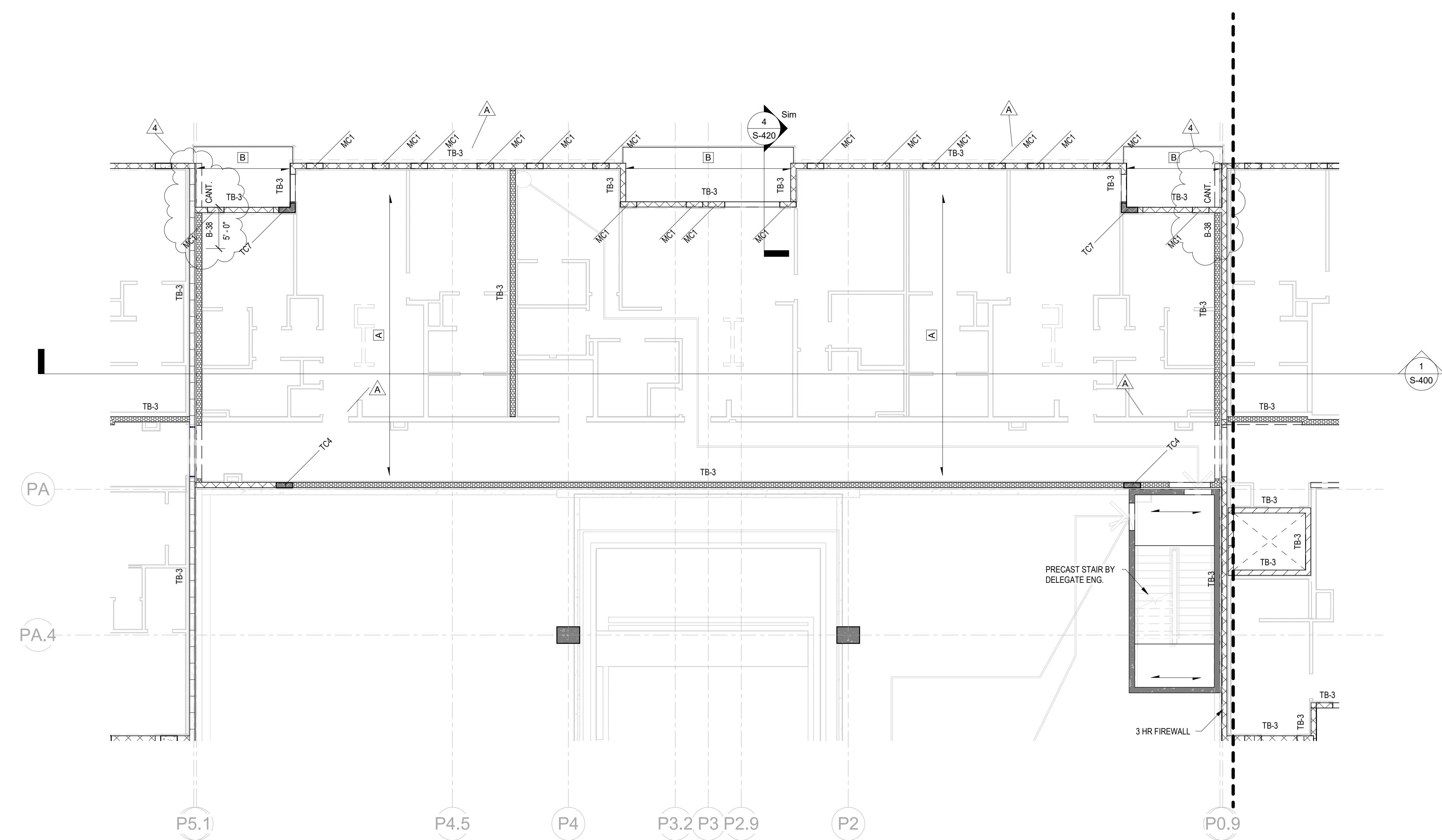


PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

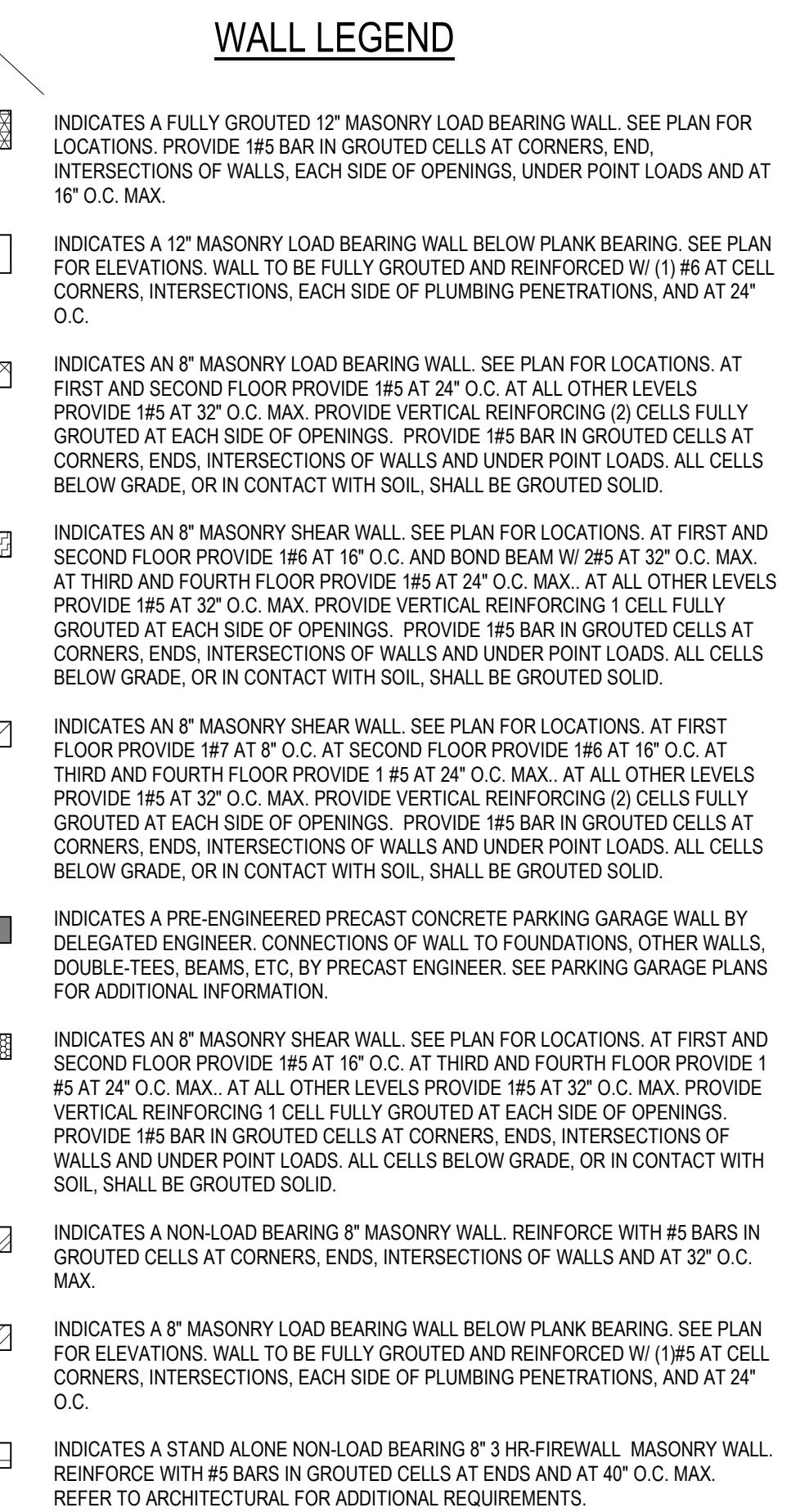


04 PARTIAL BUILDING PLAN - FOURTH FLOOR - 1000B
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY: BGN
CHECKED BY: EM
S-105B

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



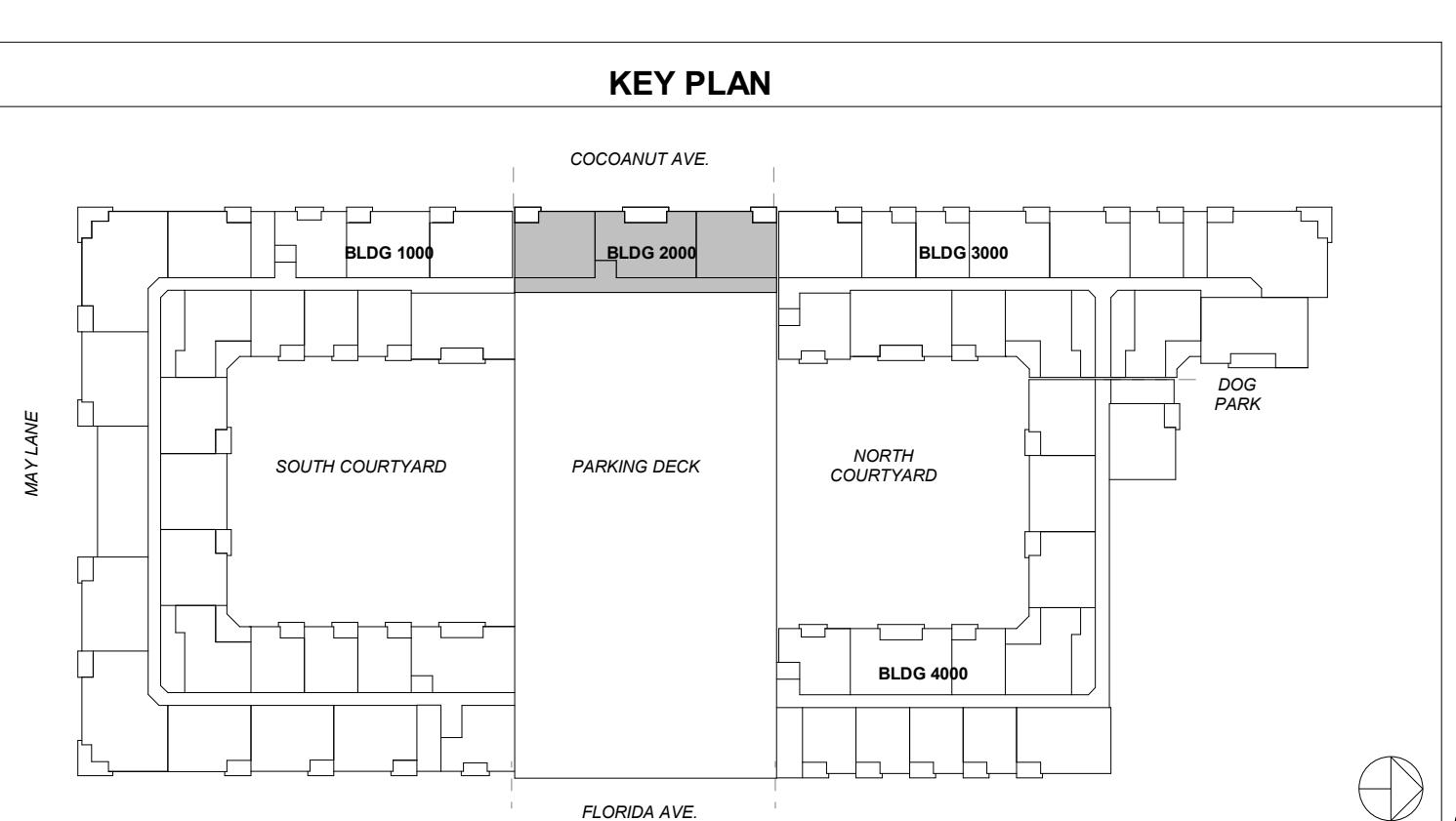
04 PARTIAL BUILDING PLAN - FOURTH FLOOR - 2000
1/8" = 1'-0"



- FLOOR FRAMING PLAN NOTES:**
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 - ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 - SEE S-200 FOR ALL SCHEDULES.
 - SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 - GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 - TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X-X') ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.
 - STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301 CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNUCKLE/THRU PLATE CONNECTIONS).
 - CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND

▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
AFTER THRU
▼ INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



04 PARTIAL BUILDING
PLAN - FOURTH
FLOOR - 2000

ISSUED FOR CONSTRUCTION

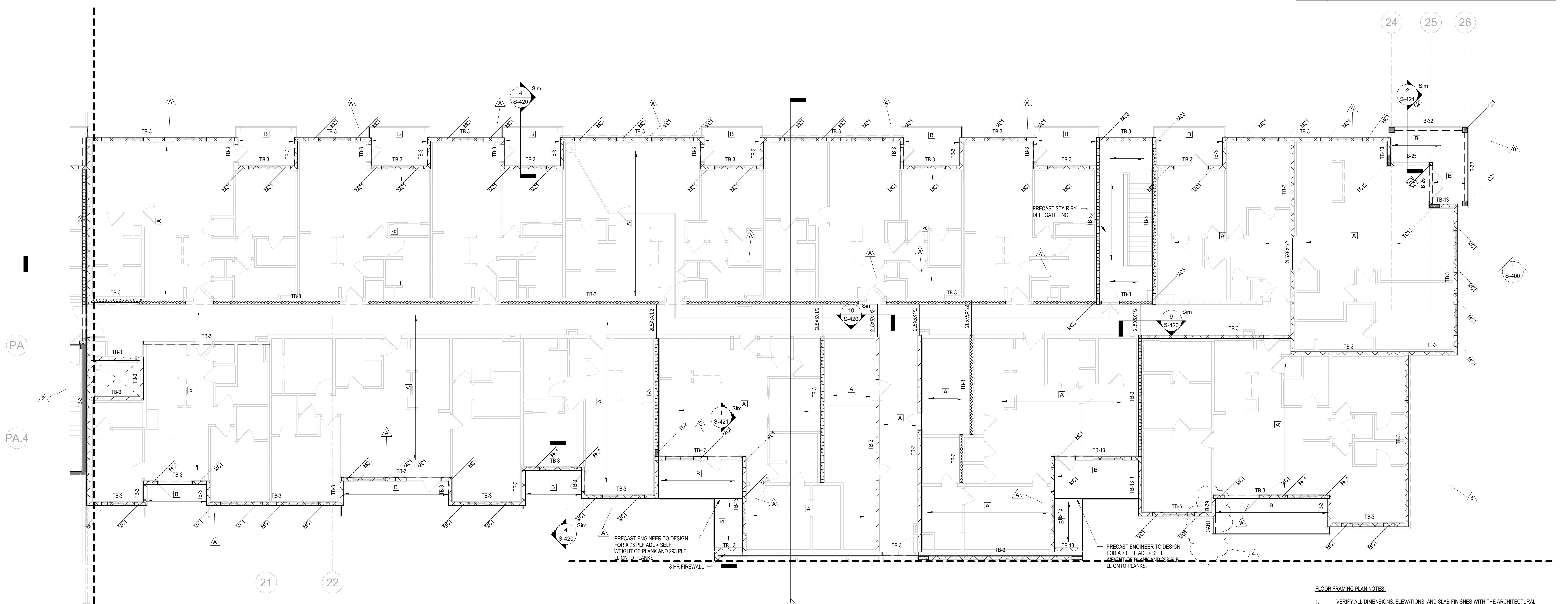
JOB NUMBER: 2203

DRAWN BY BGN CHECKED BY EM

S-105C

HOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE SLAB TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE SLAB TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

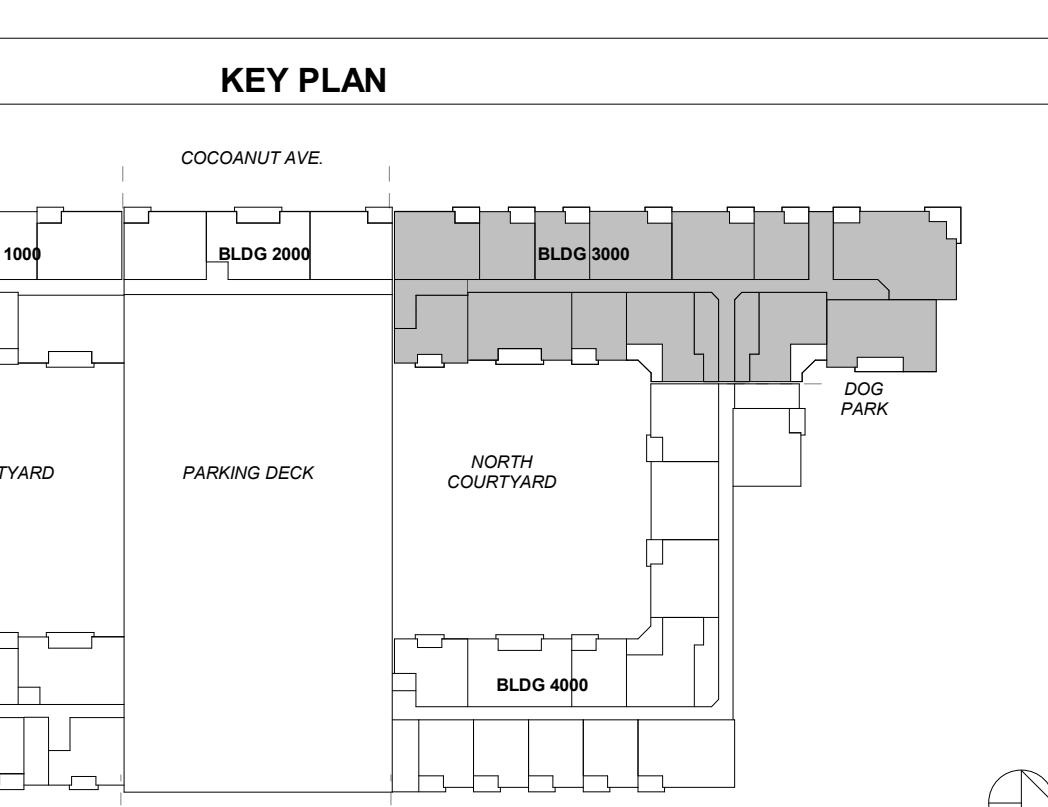


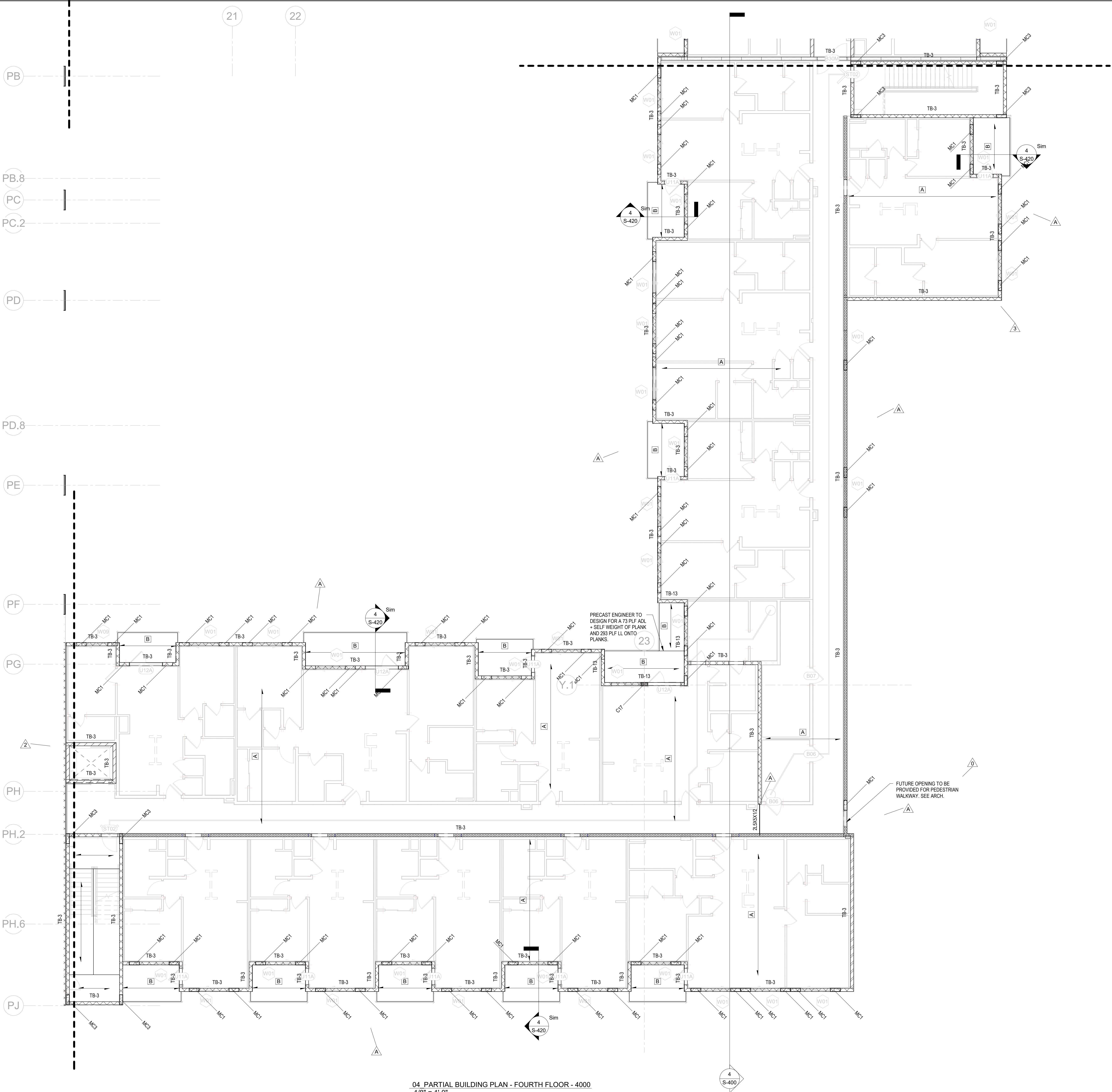
04 PARTIAL BUILDING PLAN - FOURTH FLOOR - 3000
1/8" = 1'-0"

WALL LEGEND

- INDICATES A FULLY GROUTED 12' MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12' MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR LOCATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #15 AT 24" O.C. MAX. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8' MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #15 AT 32" O.C. AT ALL OTHER LEVELS. PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8' MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 8" O.C. AND BOND BEAM W/ 2#5 AT 32" O.C. MAX. PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A DELEGATED ENGINEER PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8' MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 8" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #5 AT 24" O.C. MAX. AT 1ST FLOOR PROVIDE #15 AT 32" O.C. MAX. PROVIDE #15 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8' MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8' MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #15 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8' 3-HR-FIREWALL. MASONRY WALL REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
BELOW





04 PARTIAL BUILDING PLAN - FOURTH FLOOR - 4000
1/8" = 1'-0"

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

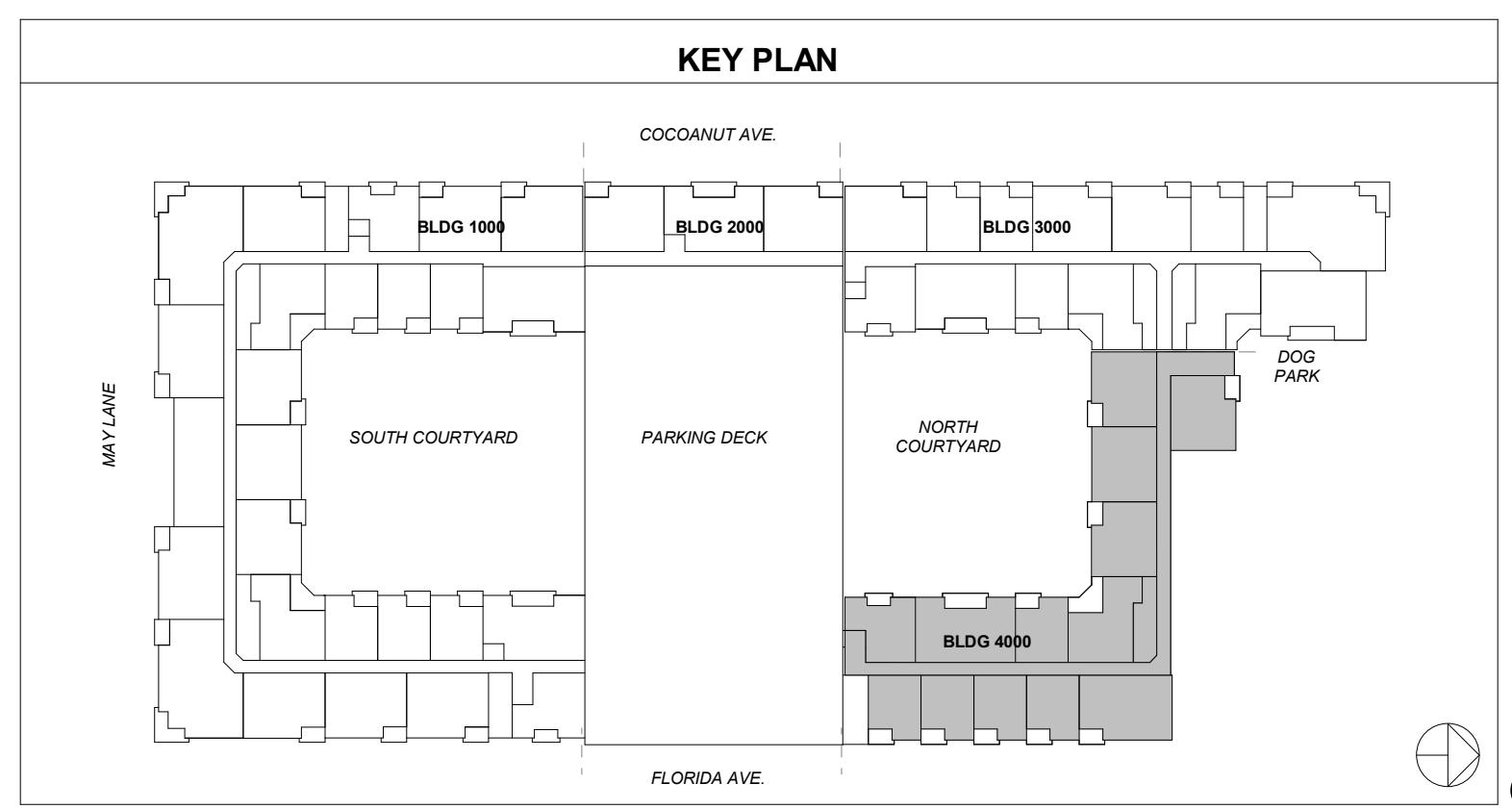
WALL LEGEND

- INDICATES A FULLY GROUTED 10" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE 1#6 BAR IN GROUTED CELLS AT CORNERS, END INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ 1#6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#6 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE 1#6 AT 32" O.C. AND BOND BEARING. 1#6 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE 1#6 AT 32" O.C. MAX. AT ALL OTHER LEVELS PROVIDE 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#6 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE 1#6 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1#6 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (1) CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE 1#6 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 10" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ 1#6 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3-HR FIREWALL MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES:

- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
- ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
- SEE S-200 FOR ALL SCHEDULES.
- SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN 1/3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
- TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS, U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X') AT THE TOP OF BEAM REFERENCED IN N.A.V.
- STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. ALL BEAMS SHOWN AS DOUBLE ANGLES OR DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS.
- CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOW CORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
▲ INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
ABOVE THRU
BELLOW

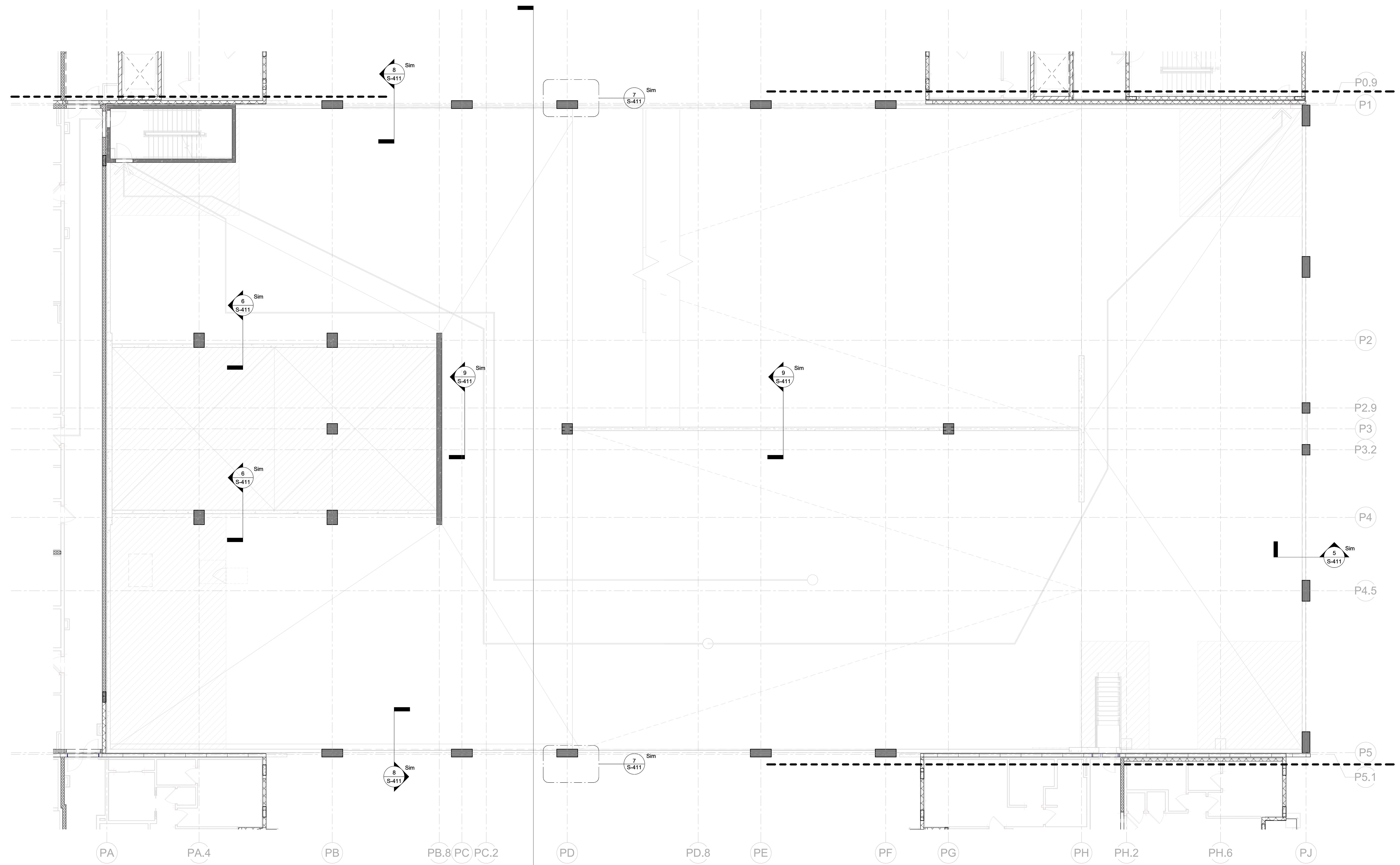


04 PARTIAL BUILDING
PLAN - FOURTH
FLOOR - 4000
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY BGN CHECKED BY EM

S-105E

SARASOTA BAYSIDE

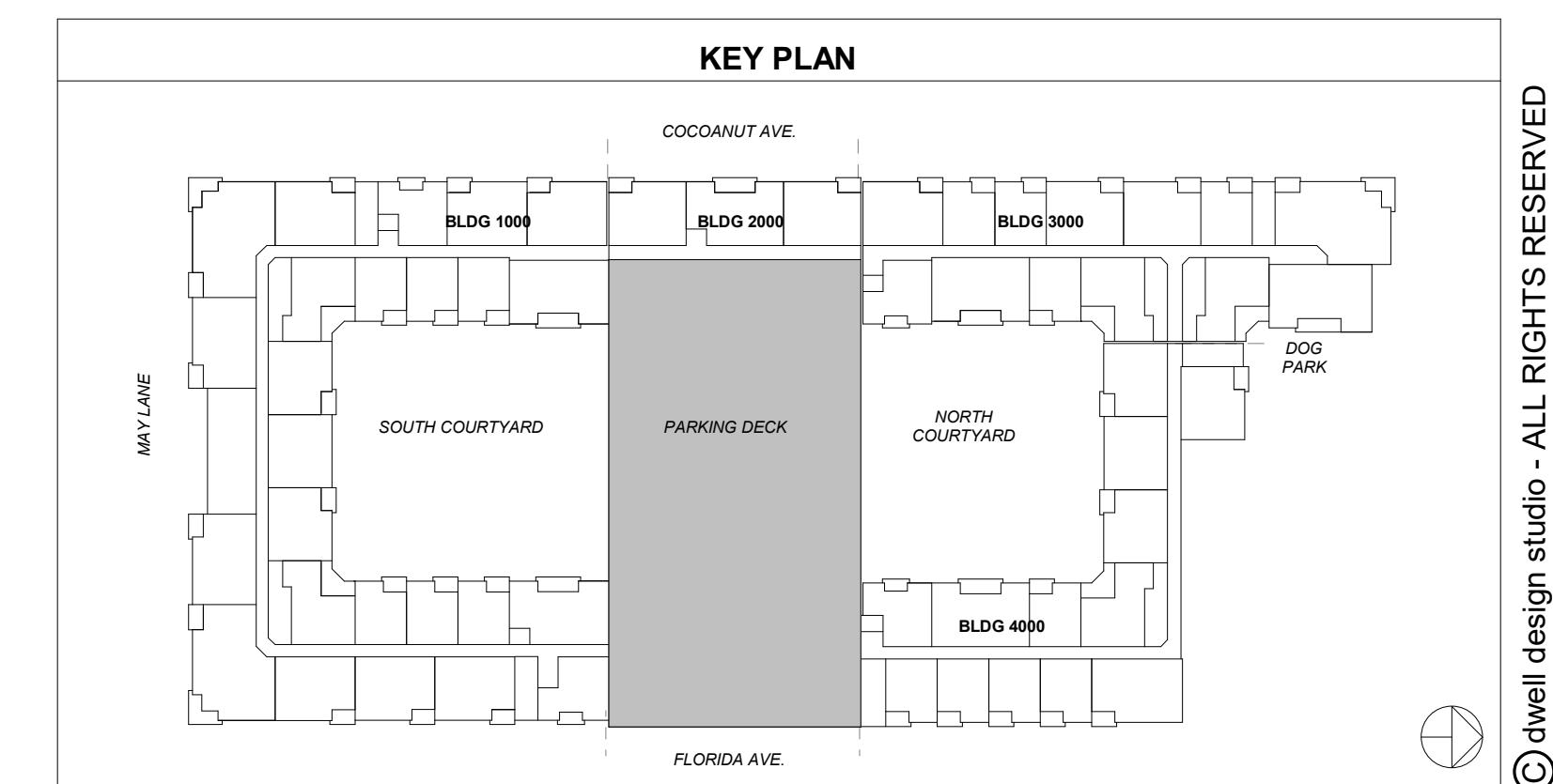
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SARASOTA, FL 34236

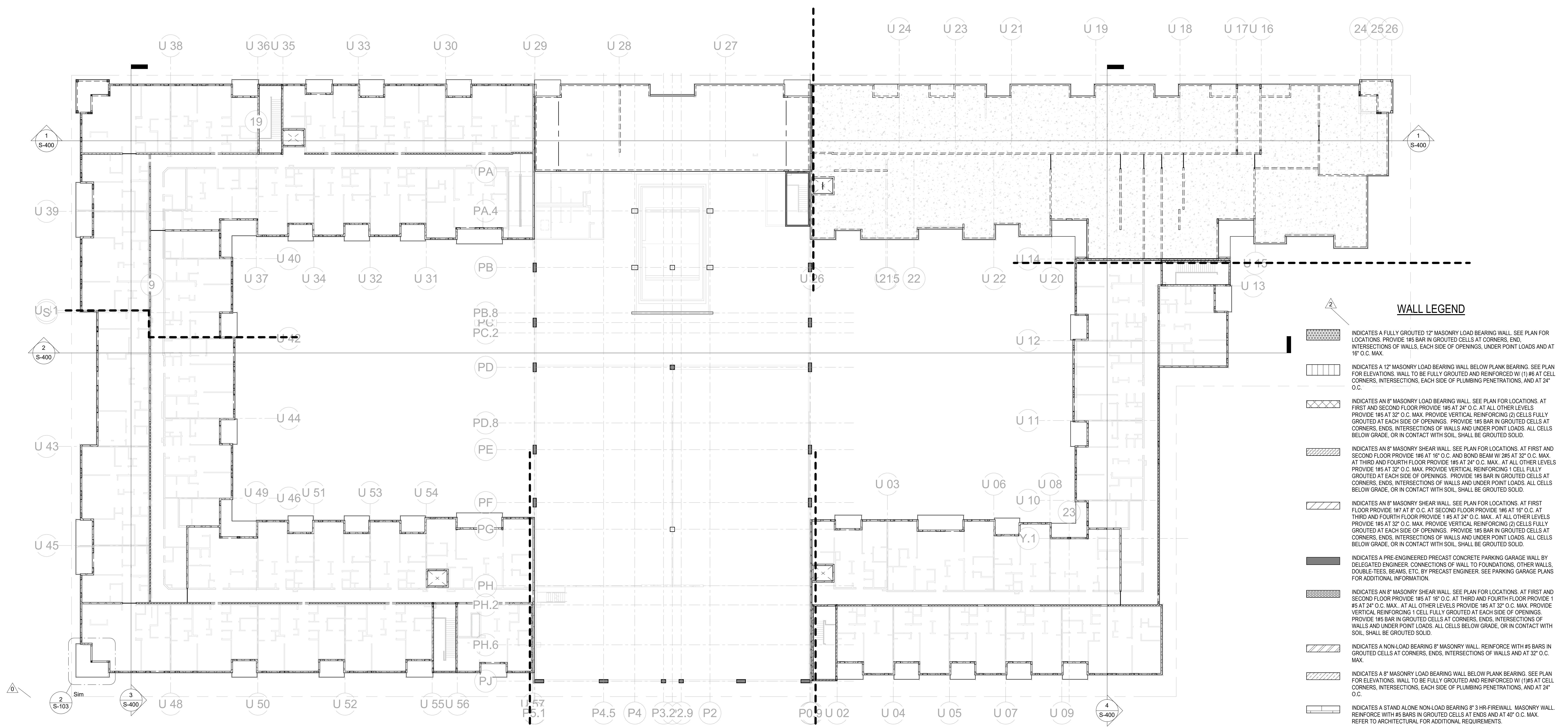


04 OVERALL PARKING DECK - FOURTH FLOOR
1/8" = 1'-0"

8/28/2024 3:31:13 PM
ENGINEER OF RECORD
Cordell S. Van Nestrand
FL P.E. # 67580

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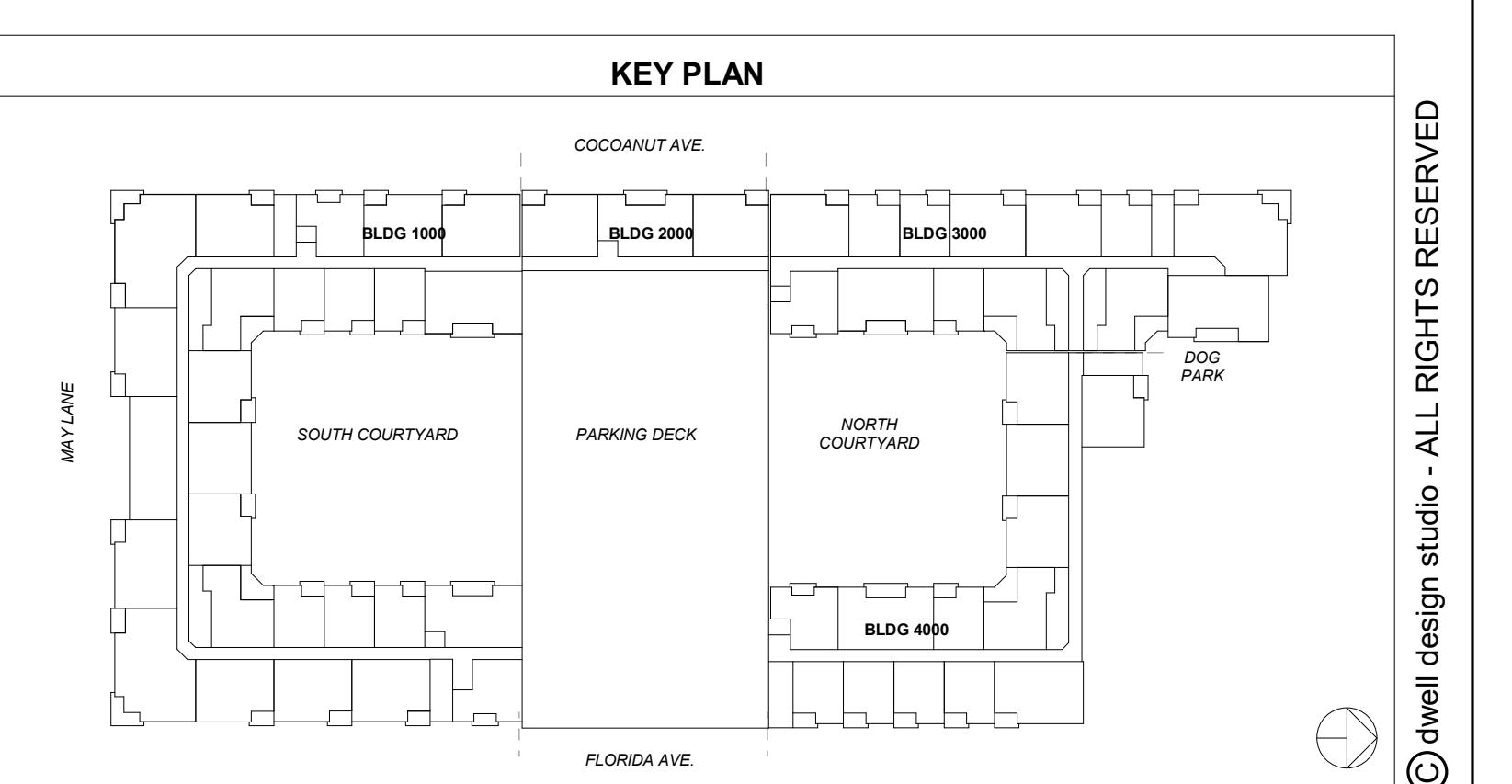


05. OVERALL BUILDING PLAN - FIFTH FLOOR.
1" = 20'-0"

- FOUNDATION PLAN NOTES:**
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL AND MEP FOR ADDITIONAL INFORMATION.
 - SEE ARCHITECTURAL DRAWINGS FOR ALL SLOPES, DROPS AND DRAIN LOCATIONS IN FLOOR SLAB. MAINTAIN 4" MINIMUM SLAB DEPTH. THICKEN SLAB TO 8" WITHIN 4" OF ALL SLAB STEPS. MAINTAIN 4" MINIMUM SLAB DEPTH ELSEWHERE.
 - ALL ELEVATIONS ARE SET AT NAV.D.
 - SEE S-200 FOR FOOTING SCHEDULE. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH CENTERLINES OF FOOTINGS AT ALL INTERIOR LOCATIONS.
 - TOP INDICATES THE FOOTING ELEVATION. SEE PLAN FOR TOP OF FOOTING ELEVATION. CONTRACTOR IS RESPONSIBLE FOR CONCRETE AND REQUIRED PLUMBING PENETRATIONS THROUGH STEM WALLS AND ELEVATIONS. NO PENETRATIONS ARE PERMITTED THROUGH FOOTINGS. FOOTINGS MAY STEP AS SHOWN IN THE TYPICAL DETAIL ON S-301. NOTIFY ENGINEER OF STEP LOCATIONS BEFORE PROCEEDING WITH WORK.
 - GROUND FLOOR SHALL BE 4" CONCRETE SLAB-ON-GRADE, L.N.O. REINFORCE W/ 6X6 W/ 4X1 4 W.F.T. AT MID-DEPTH.
 - WHERE CONTINUOUS FOOTING INTERSECT WITH PAD FOOTINGS, CONTINUOUS FOOTING REINFORCING SHALL BE CONTINUOUS THROUGH THE PAD FOOTING OR EXTEND A FULL DEVELOPMENT LENGTH INTO THE PAD FOOTING.

8/23/2024 3:31:18 PM
ENGINEER OF RECORD
Cordell S. Van Neststrand
FL P.E. # 67580

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05. OVERALL
BUILDING PLAN -
FIFTH FLOOR

ISSUED FOR CONSTRUCTION

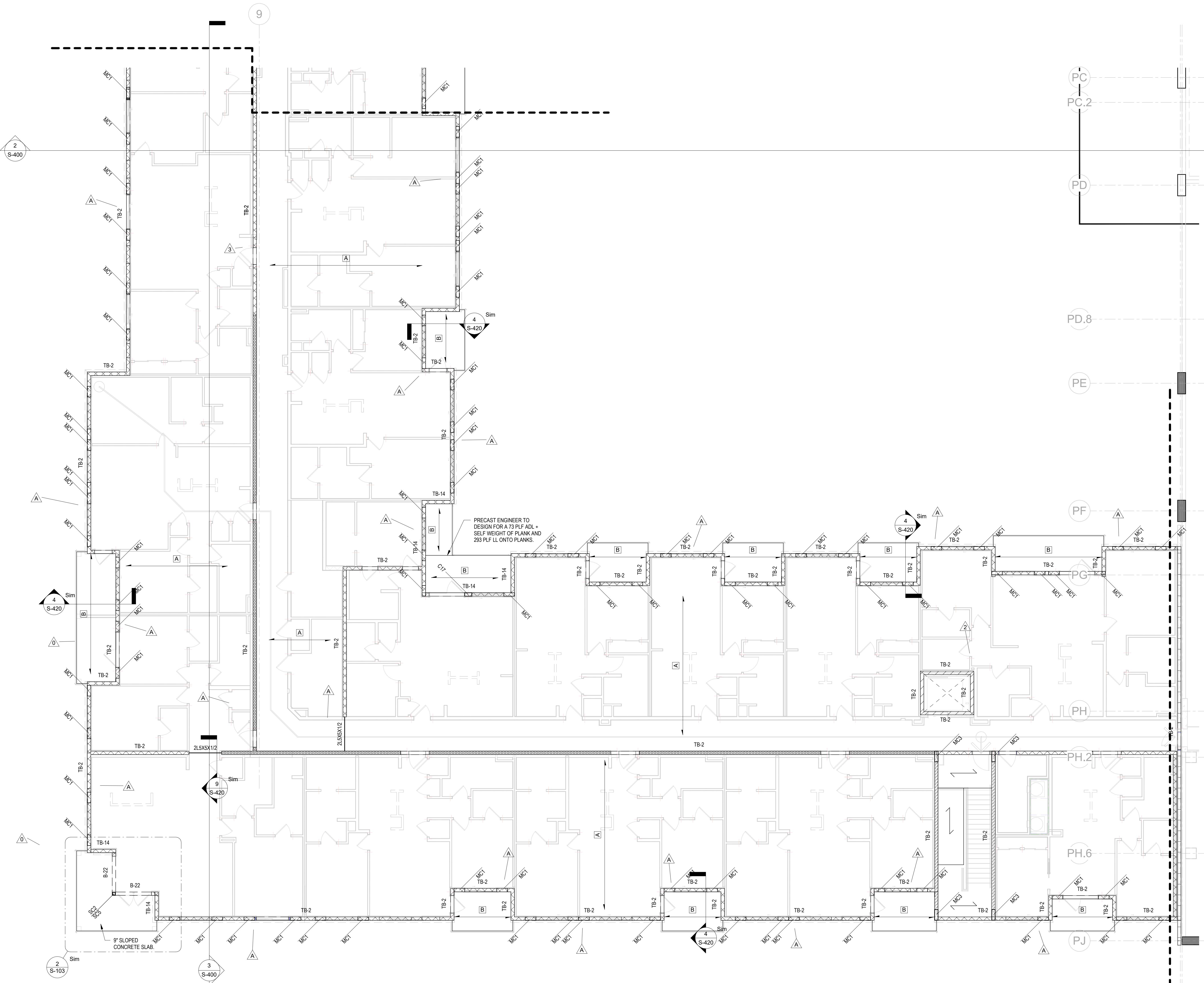
JOB NUMBER: 22037

DRAWN BY: BGN
CHECKED BY: EM

S-106

SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236



05 PARTIAL BUILDING PLAN - FIFTH FLOOR - 1000A
1/8" = 1'-0"

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W/1.4XW1.4 W.W.F. AT MID-DEPTH.

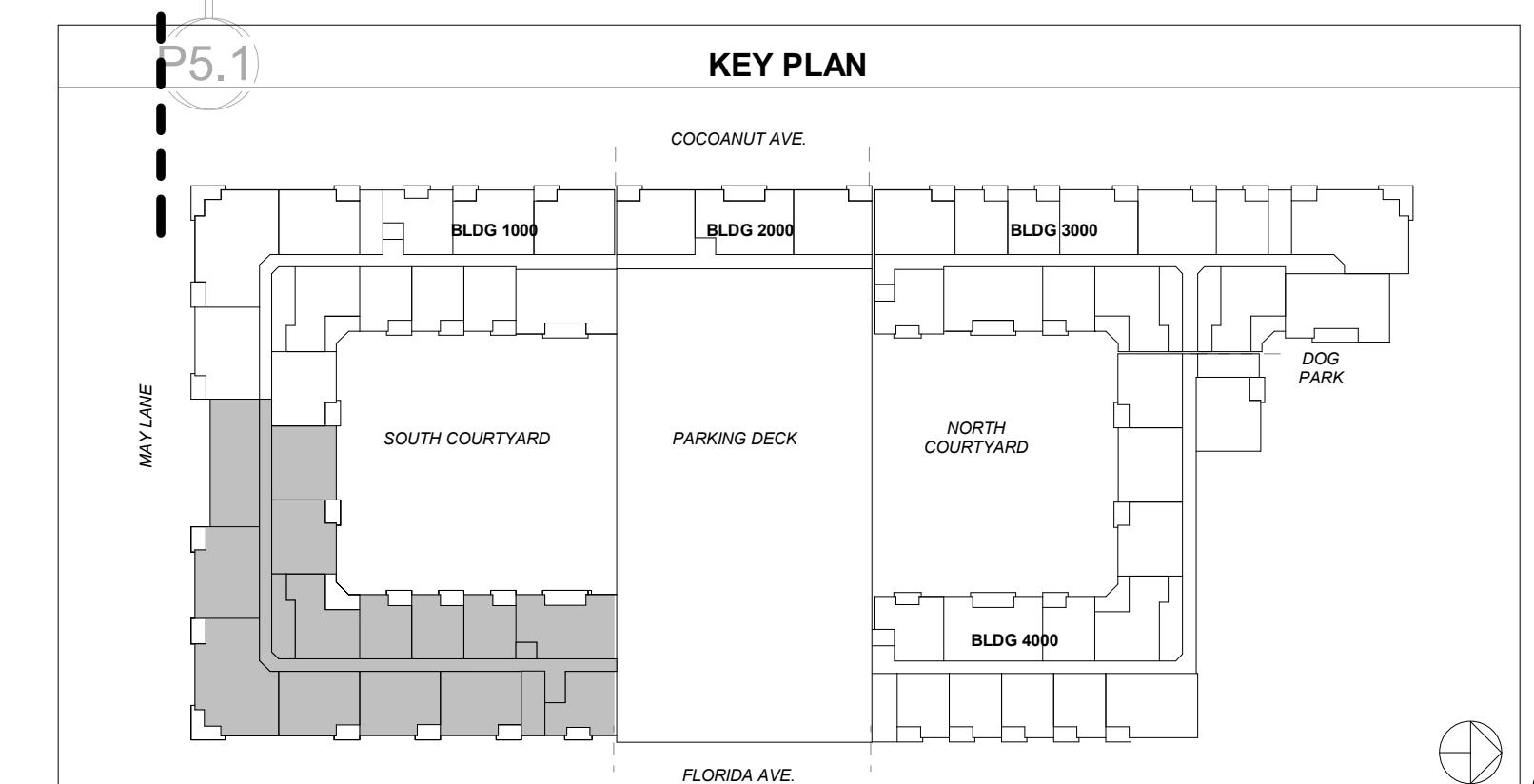
WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AND BOND BEAM W/ 2#5 AT 32" O.C. MAX. AT ALL OTHER FLOORS PROVIDE #16 AT 16" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE 1 #5" X 24" O.C. MAX. AT ALL OTHER FLOORS PROVIDE #16 AT 16" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL. MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES:

1. VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
2. ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
3. SEE S-200 FOR ALL SCHEDULES.
4. SEE HOLLOW CORE KEYNOTE FOR LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
5. GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
6. TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X*) ARE THE TOP OF BEAM REFERENCED IN N.A.V.
7. STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-101. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED STRUCTURAL ENGINEER. CONNECTIONS SHALL BE DESIGNED FOR ALL LOADS. ALL DETAILED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS.
8. CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS. UNLESS NOTED OTHERWISE, TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.
BELOW



05 PARTIAL BUILDING PLAN - FIFTH FLOOR - 1000A

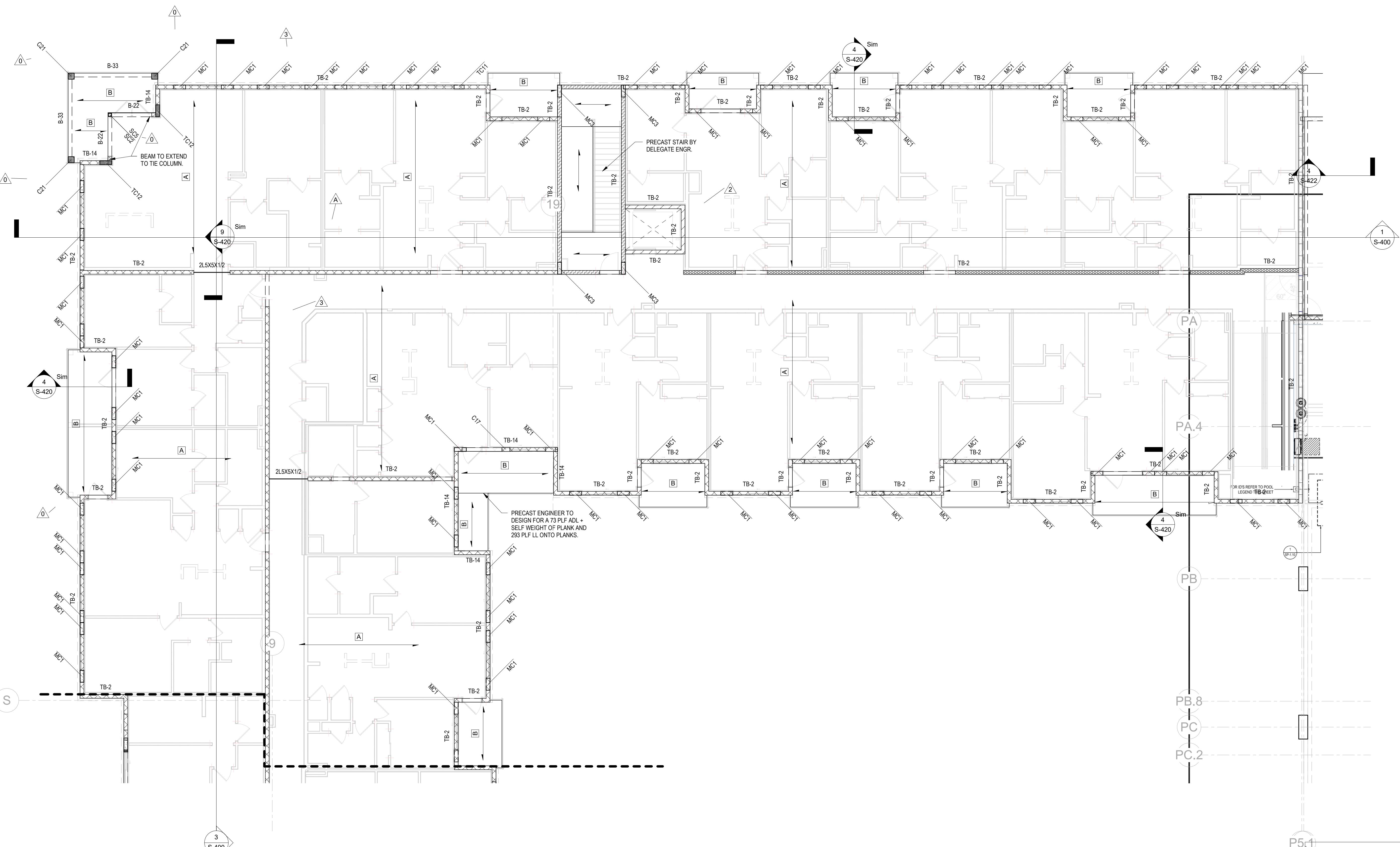
ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

DRAWN BY: BGN CHECKED BY: EM

S-106A

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



WALL LEGEND

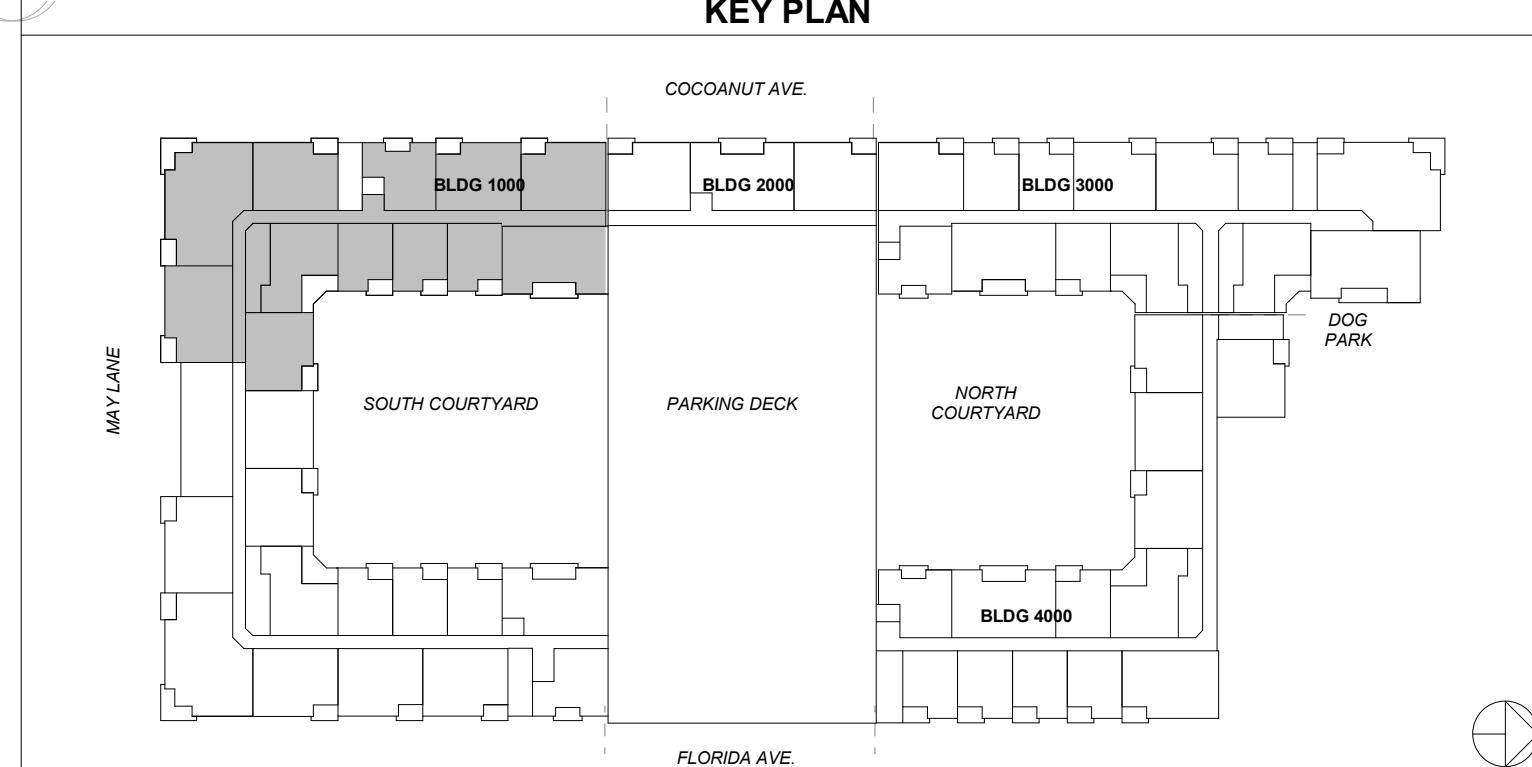
- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #14 AT 16" O.C. AND BOND BEAM W/ 265 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #15 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST FLOOR PROVIDE #17 AT 8" O.C. AT SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #15 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELEGATED ENGINEER. CONNECTIONS OF WALL TO FOUNDATIONS, OTHER WALLS, DOUBLE-TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #15 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #15 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 32" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, ENDS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON LOAD BEARING 8" 3 HR FIREWALL MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES:

- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
- ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
- SEE S-2 FOR ALL SCHEDULES.
- SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING AT LOCATIONS WITH COMPOSITE TOPPING. MAINTAIN #3 COMPOSITE TOPPING AT BEARING LOCATIONS, AND #2 MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
- TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. U.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X:X) ARE THE TOP OF BEAM REFERENCED IN N.A.V.
- STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-001. CONNECTIONS DESIGNED BY STEEL SUPPLIER. CONNECTIONS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER. NOTE: SHEARS ARE SHOWN ON PLANS. THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNUIFE/THRU PLATE CONNECTIONS.
- CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

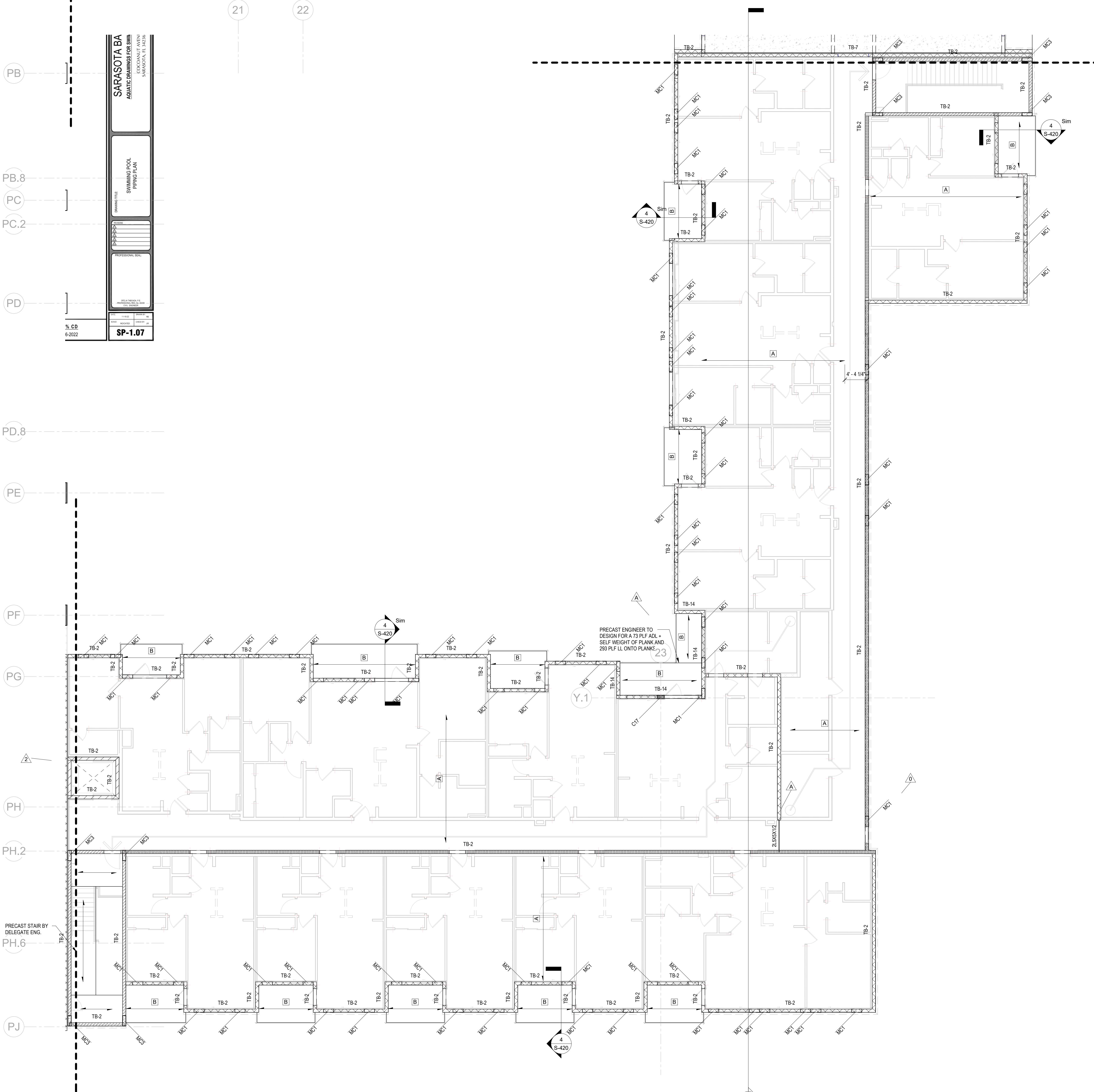
PLAN LEGEND
 ▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-001.
 ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.

KEY PLAN



05 PARTIAL BUILDING PLAN - FIFTH FLOOR - 1000B
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY: BGN
CHECKED BY: EM

S-106B



HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10' PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10' PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12' PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

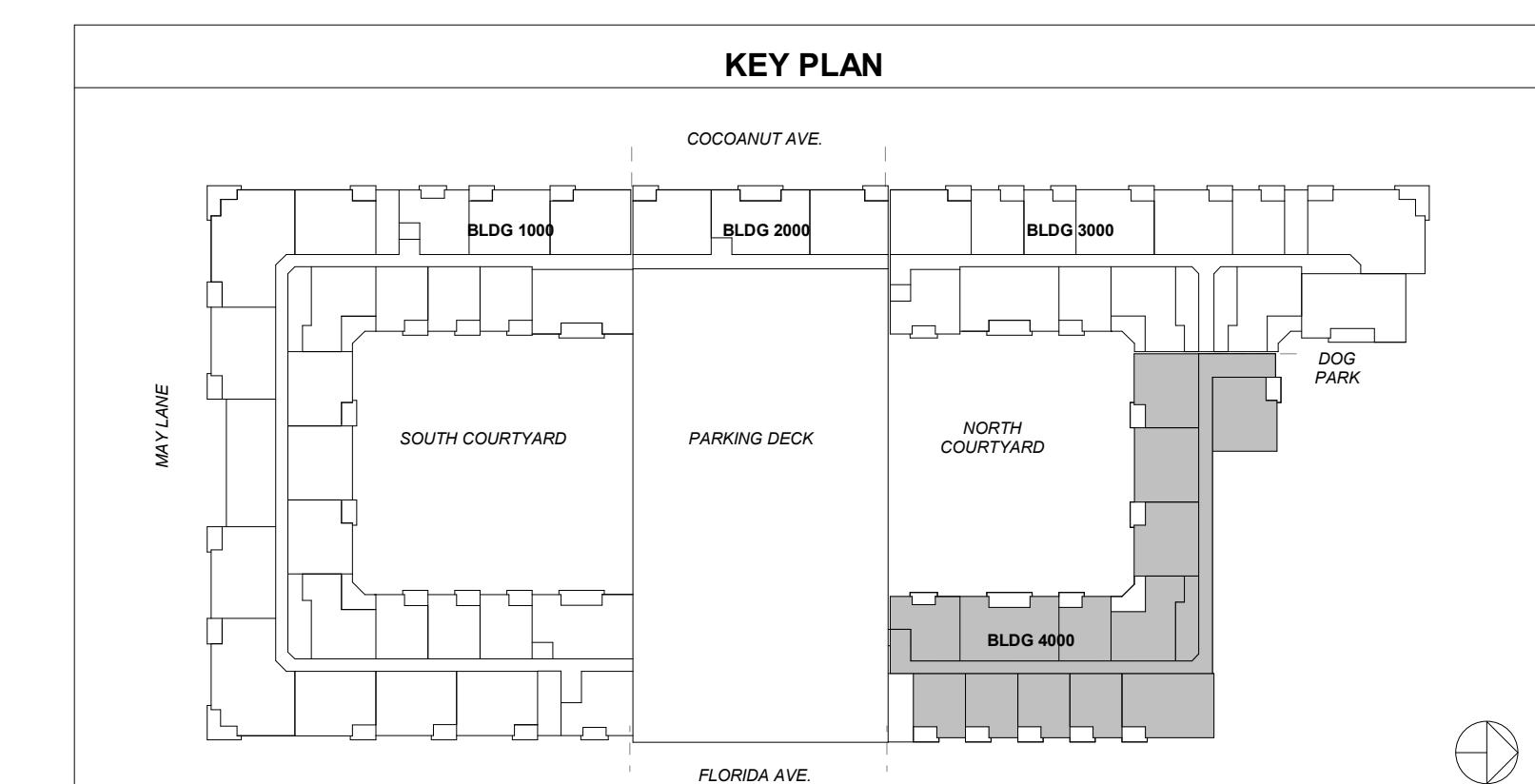
WALL LEGEND

- INDICATES A FULLY GROUTED 12" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, END, INTERSECTIONS OF WALLS, EACH SIDE OF OPENINGS, UNDER POINT LOADS AND AT 16" O.C. MAX.
- INDICATES A 12" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES AN 8" MASONRY LOAD BEARING WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 24" O.C. AT ALL OTHER LEVELS. PROVIDE #16 AT 32" O.C. MAX. FROM VERTICAL REINFORCING (2) CELLS FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AND BOND BEAM W/ 265 AT 32" O.C. MAX. AT THIRD AND FOURTH FLOOR PROVIDE #16 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A PRE-ENGINEERED PRECAST CONCRETE PARKING GARAGE WALL BY DELIVERABLES PROVIDED BY THE PRECAST ENGINEER. SEE PARKING GARAGE PLANS. DOUBLE TEES, BEAMS, ETC. BY PRECAST ENGINEER. SEE PARKING GARAGE PLANS FOR ADDITIONAL INFORMATION.
- INDICATES AN 8" MASONRY SHEAR WALL. SEE PLAN FOR LOCATIONS. AT FIRST AND SECOND FLOOR PROVIDE #16 AT 16" O.C. AT THIRD AND FOURTH FLOOR PROVIDE #16 AT 24" O.C. MAX. AT ALL OTHER LEVELS PROVIDE #16 AT 32" O.C. MAX. PROVIDE VERTICAL REINFORCING 1 CELL FULLY GROUTED AT EACH SIDE OF OPENINGS. PROVIDE #16 BAR IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND UNDER POINT LOADS. ALL CELLS BELOW GRADE, OR IN CONTACT WITH SOIL, SHALL BE GROUTED SOLID.
- INDICATES A NON-LOAD BEARING 8" MASONRY WALL. REINFORCE WITH #5 BARS IN GROUTED CELLS AT CORNERS, ENDS, INTERSECTIONS OF WALLS AND AT 24" O.C. MAX.
- INDICATES A 8" MASONRY LOAD BEARING WALL BELOW PLANK BEARING. SEE PLAN FOR ELEVATIONS. WALL TO BE FULLY GROUTED AND REINFORCED W/ #16 AT CELL CORNERS, INTERSECTIONS, EACH SIDE OF PLUMBING PENETRATIONS, AND AT 24" O.C.
- INDICATES A STAND ALONE NON-LOAD BEARING 8" 3 HR-FIREWALL MASONRY WALL. REINFORCE WITH #8 BARS IN GROUTED CELLS AT ENDS AND AT 40" O.C. MAX. REFER TO ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.

FLOOR FRAMING PLAN NOTES

- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
- ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
- SEE S-200 FOR ALL SCHEDULES.
- SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
- TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. UNLESS OTHERWISE, ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X/X) ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.
- STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301 CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNEFTHRU PLATE CONNECTIONS).
- CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND
▲ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



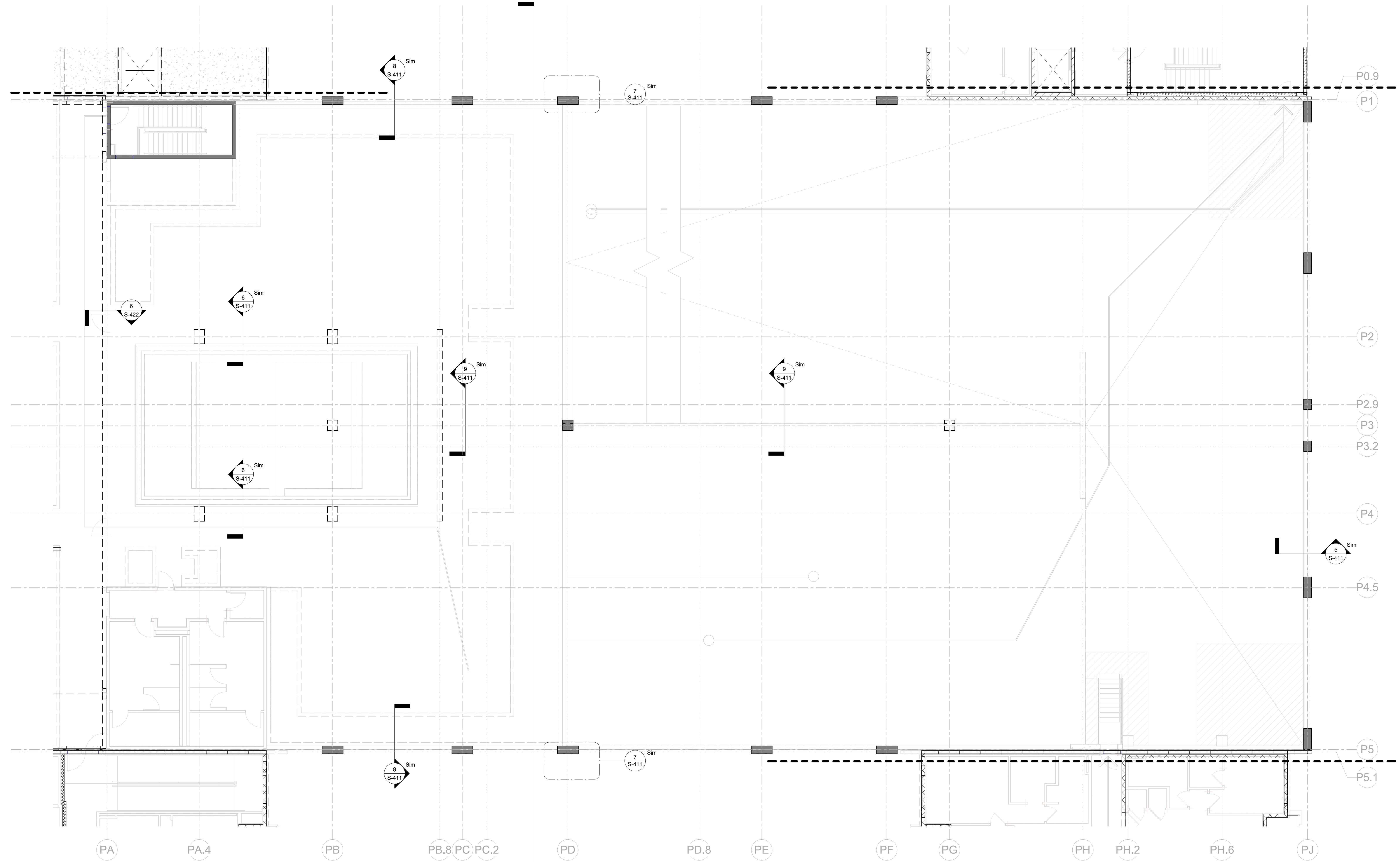
ISSUED FOR CONSTRUCTION
JOB NUMBER: 22037
DRAWN BY BGN CHECKED BY EM

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S-106E

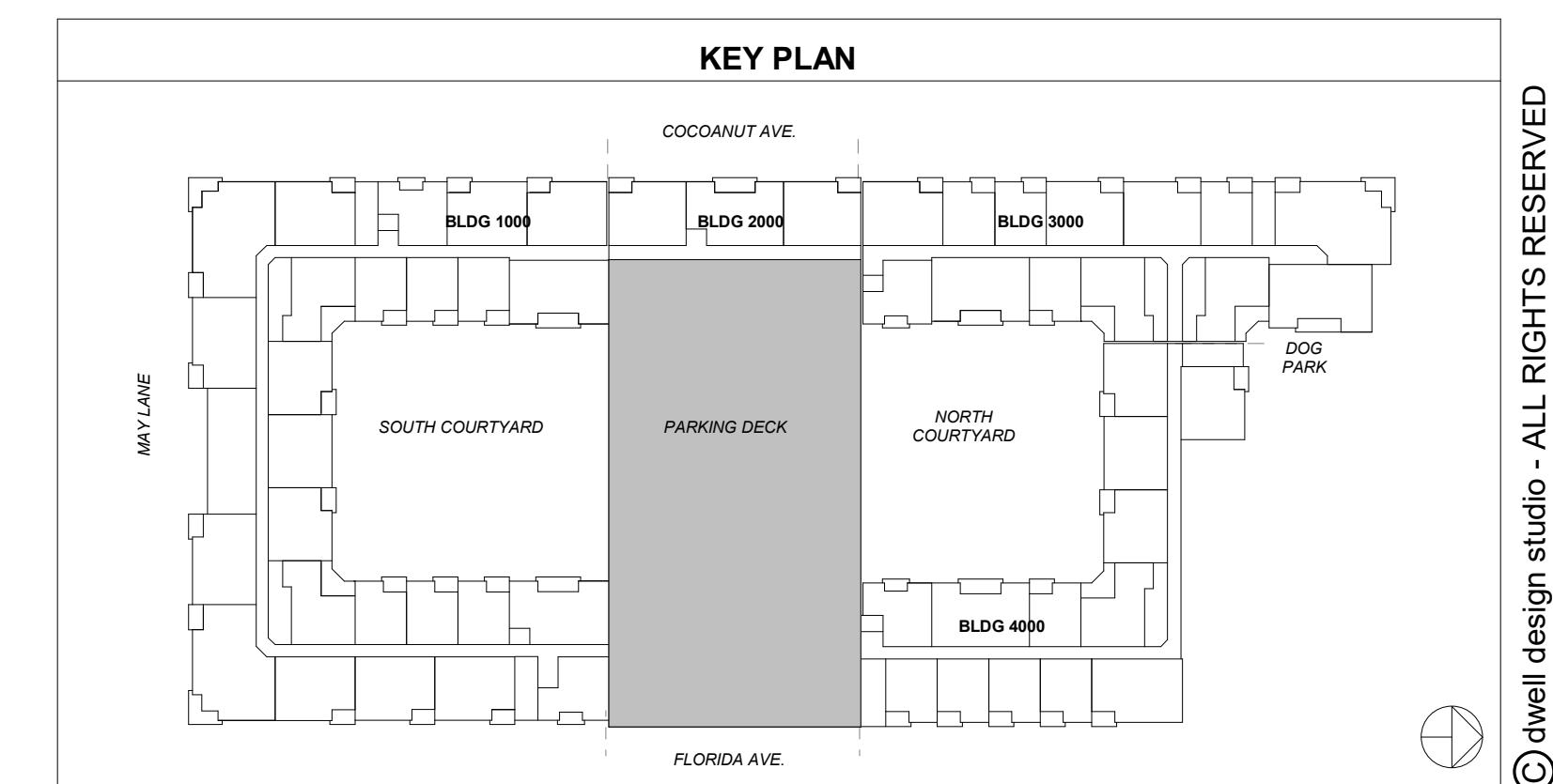
SARASOTA BAYSIDE

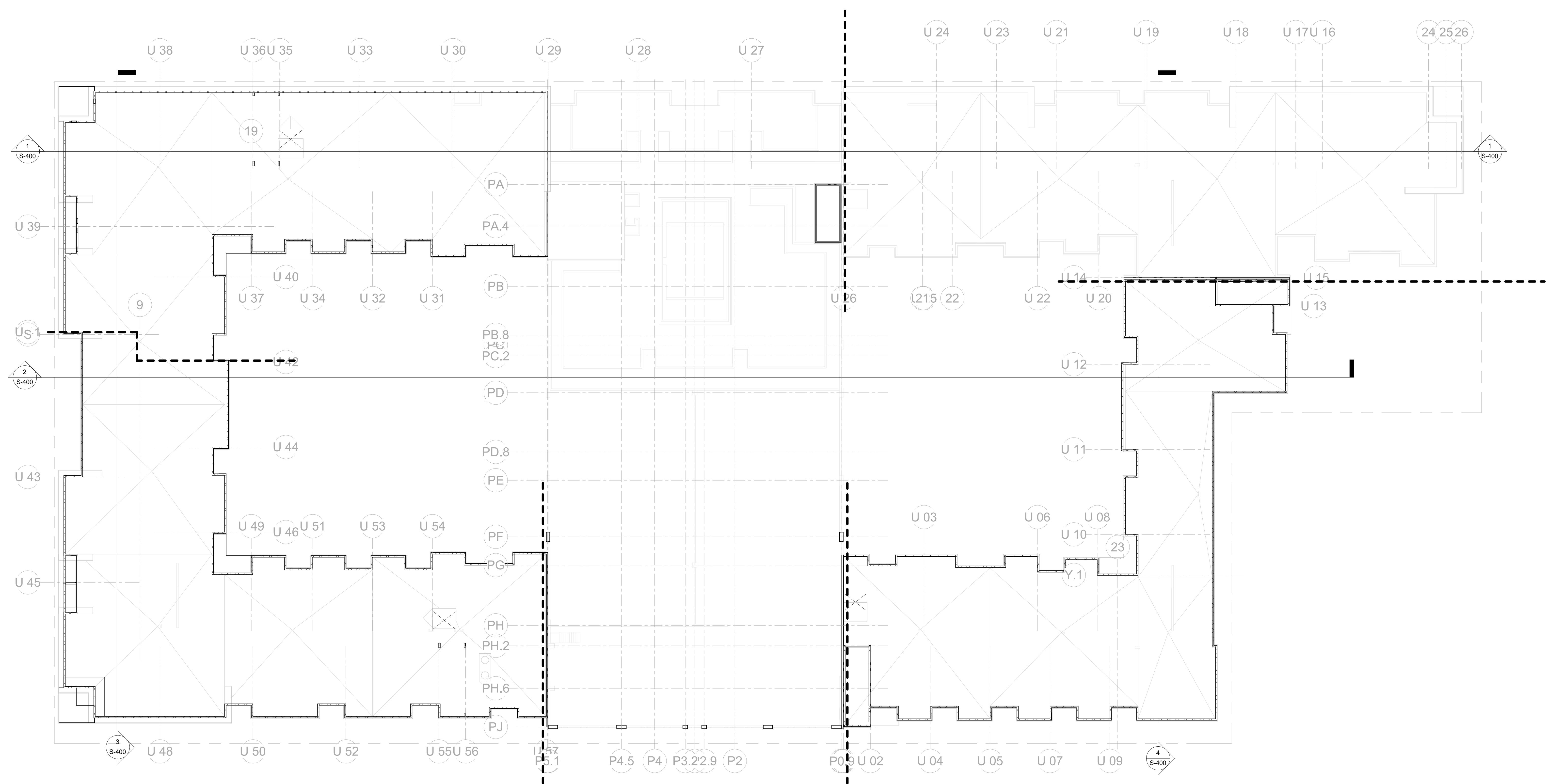
800 COCONUT AVE,
SARASOTA, FL 34236



05. OVERALL PARKING DECK - FIFTH FLOOR
1/8" = 1'-0"

B





OR FRAMING PLAN NOTES:

- VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.

ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.

SEE S-200 FOR ALL SCHEDULES.

SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.

GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.

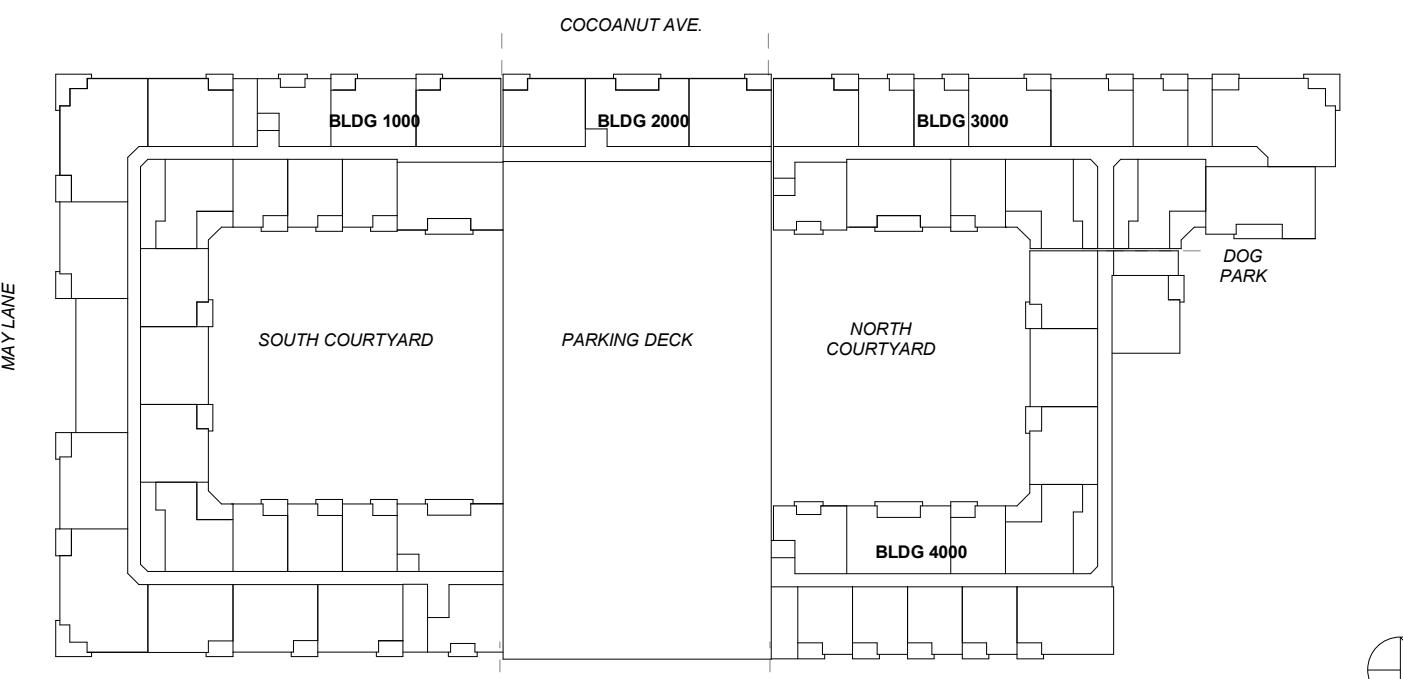
TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS, U.N.O. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X'-X") ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.

STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER, SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-001. CONNECTIONS DESIGNED BY STEEL SUPPLIER SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE-ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THRU PLATE CONNECTIONS).

CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE

3/23/2024 3:31:38 PM
ENGINEER OF RECORD
ordell S. Van Nostrand
FL P.E. # 67580

Y PLAN

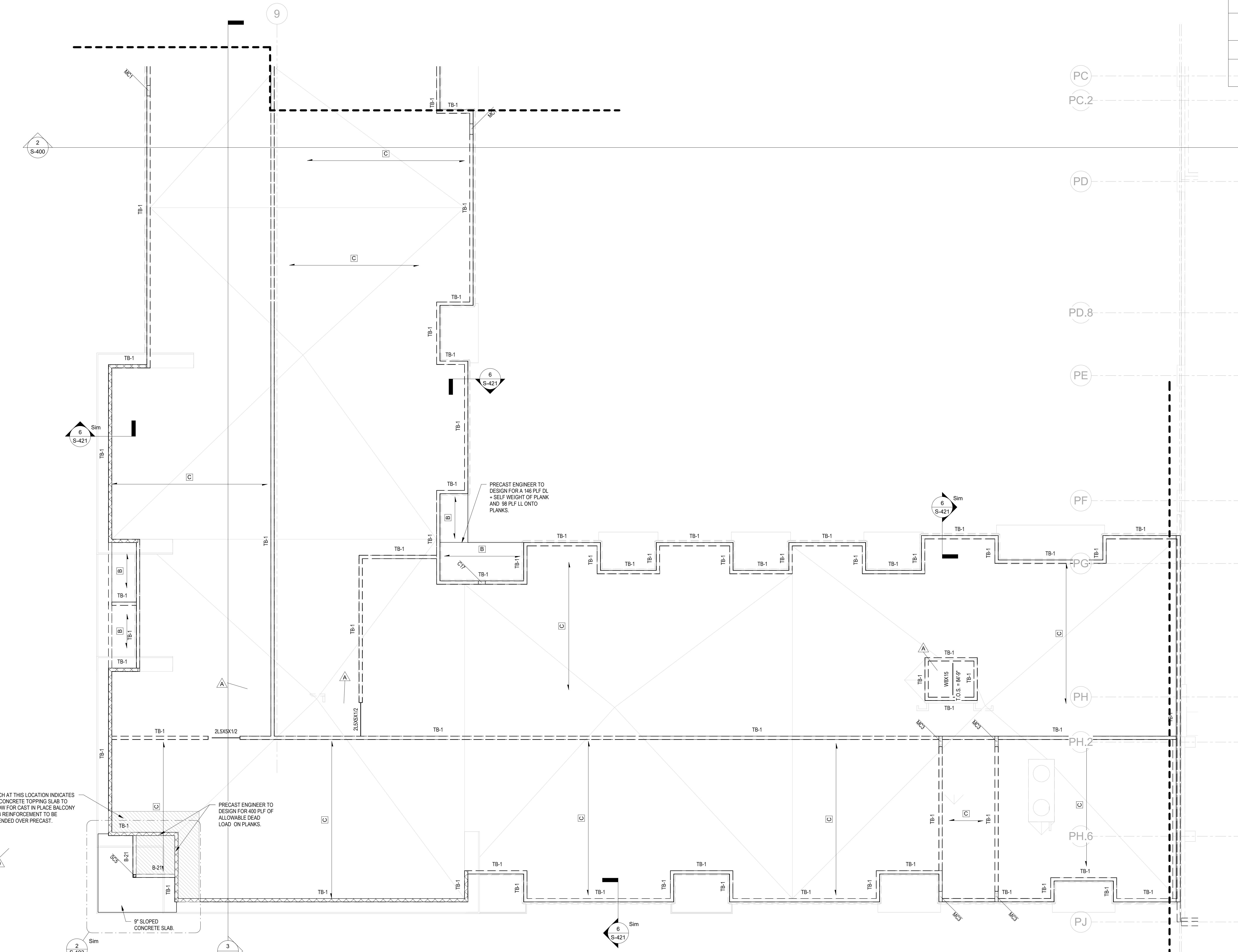


D FOR CONSTRUCTION

MBER: 22037

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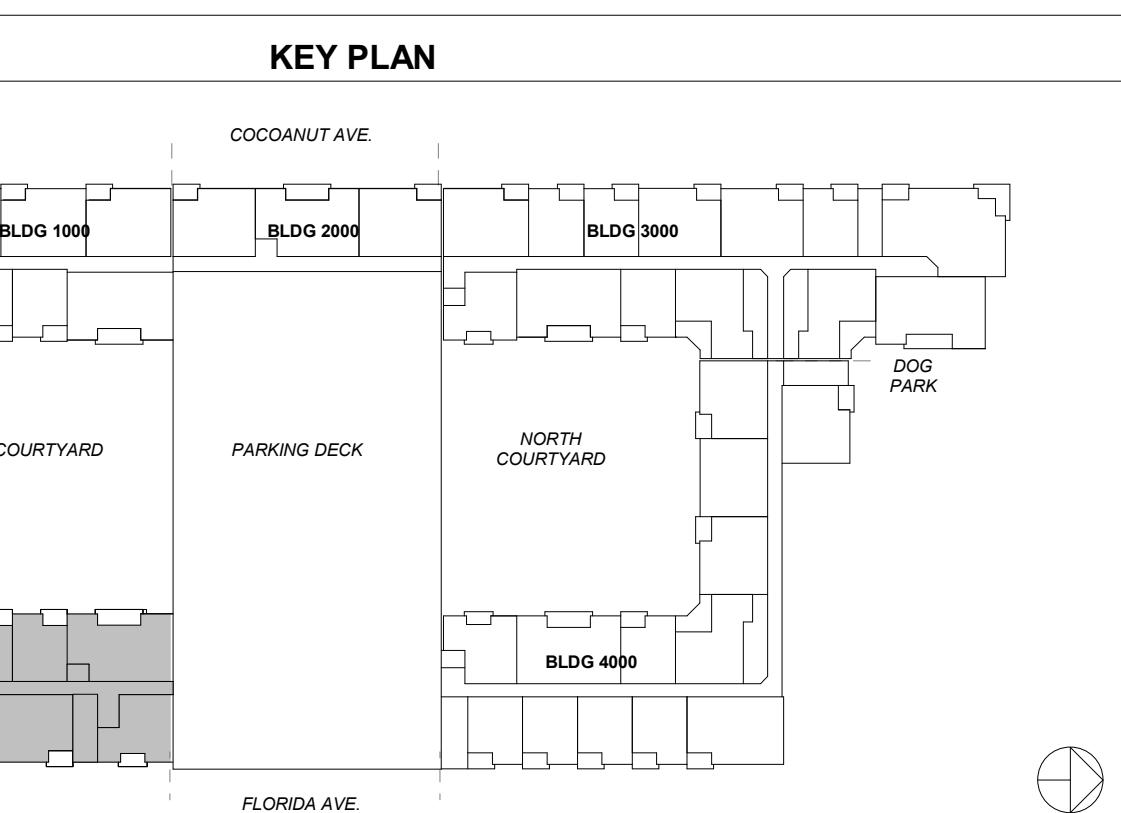
HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



06_PARTIAL ROOF PLAN - 1000A
1/8" = 1'-0"

- FLOOR FRAMING PLAN NOTES:**
1. VERIFY ALL DIMENSIONS, ELEVATIONS, AND SLAB FINISHES WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
 2. ELEVATIONS SHOWN ARE RELATIVE TO THE INTERIOR GROUND FLOOR SLAB SURFACE. REFER TO BUILDING SECTION FOR REF. ELEVATION AT GROUND FLOOR SLAB SURFACE.
 3. SEE S-200 FOR ALL SCHEDULES.
 4. SEE HOLLOW CORE KEYNOTE LEGEND FLOOR FRAMING. AT LOCATIONS WITH COMPOSITE TOPPING MAINTAIN A 3" COMPOSITE TOPPING AT BEARING LOCATIONS, AND 2" MINIMUM COMPOSITE TOPPING WHERE SLAB IS CAMBERED. SEE PLAN FOR LOCATIONS.
 5. GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATIONS WITH ARCH. AND MEP.
 6. TOP OF STEEL BEAMS SET AT ELEVATION AT TOP OF HOLLOW CORE PLANKS. UNLESS ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X-X) ARE THE TOP OF BEAM REFERENCED IN N.A.V.D.
 7. STRUCTURAL STEEL BEAM CONNECTIONS SHALL BE DESIGNED AND DETAILED BY STEEL SUPPLIER. SEE SERVICE BEAM SHEAR VALUES GIVEN ON S-301 CONNECTIONS DESIGNED BY STEEL SUPPLIER. SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. (NOTE: SHEARS ARE SHOWN ON PLAN - THE DELEGATED CONNECTIONS WILL INCLUDE BEAM TO BEAM DOUBLE ANGLE CONNECTIONS, SINGLE ANGLE CONNECTIONS, AND BEAM TO COLUMN KNIFE/THROAT PLATE CONNECTIONS).
 8. CONCRETE TIE BEAM SHALL BE PLACED AT TOP OF ALL MASONRY WALLS, UNLESS NOTED OTHERWISE. TOP OF BEAM IS SET AT HOLLOWCORE PLANK BEARING ELEVATION. SEE BEAM SCHEDULE FOR MORE INFORMATION.

PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE/Below/BTU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



06 PARTIAL ROOF
PLAN - 1000A

ISSUED FOR CONSTRUCTION

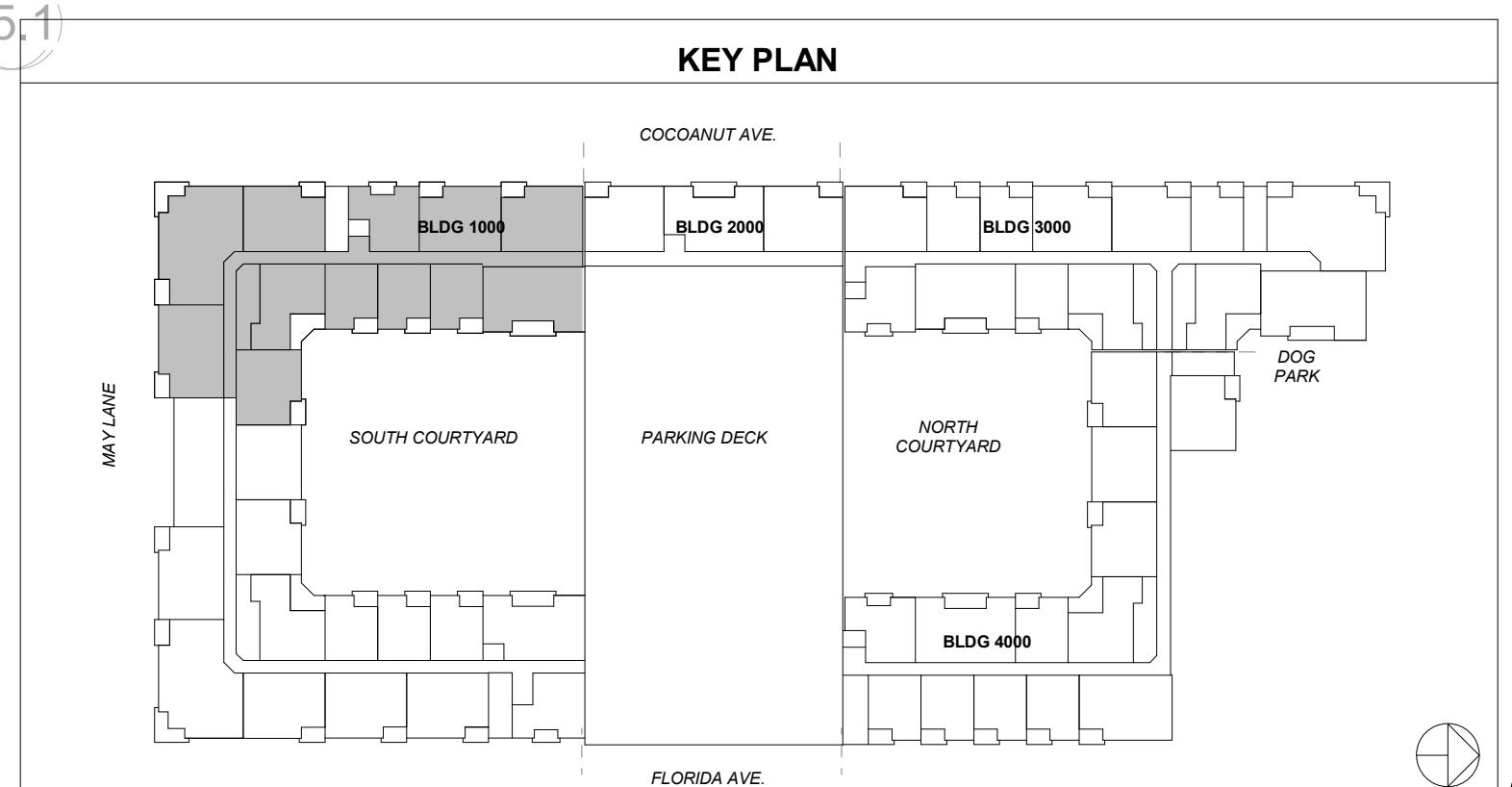
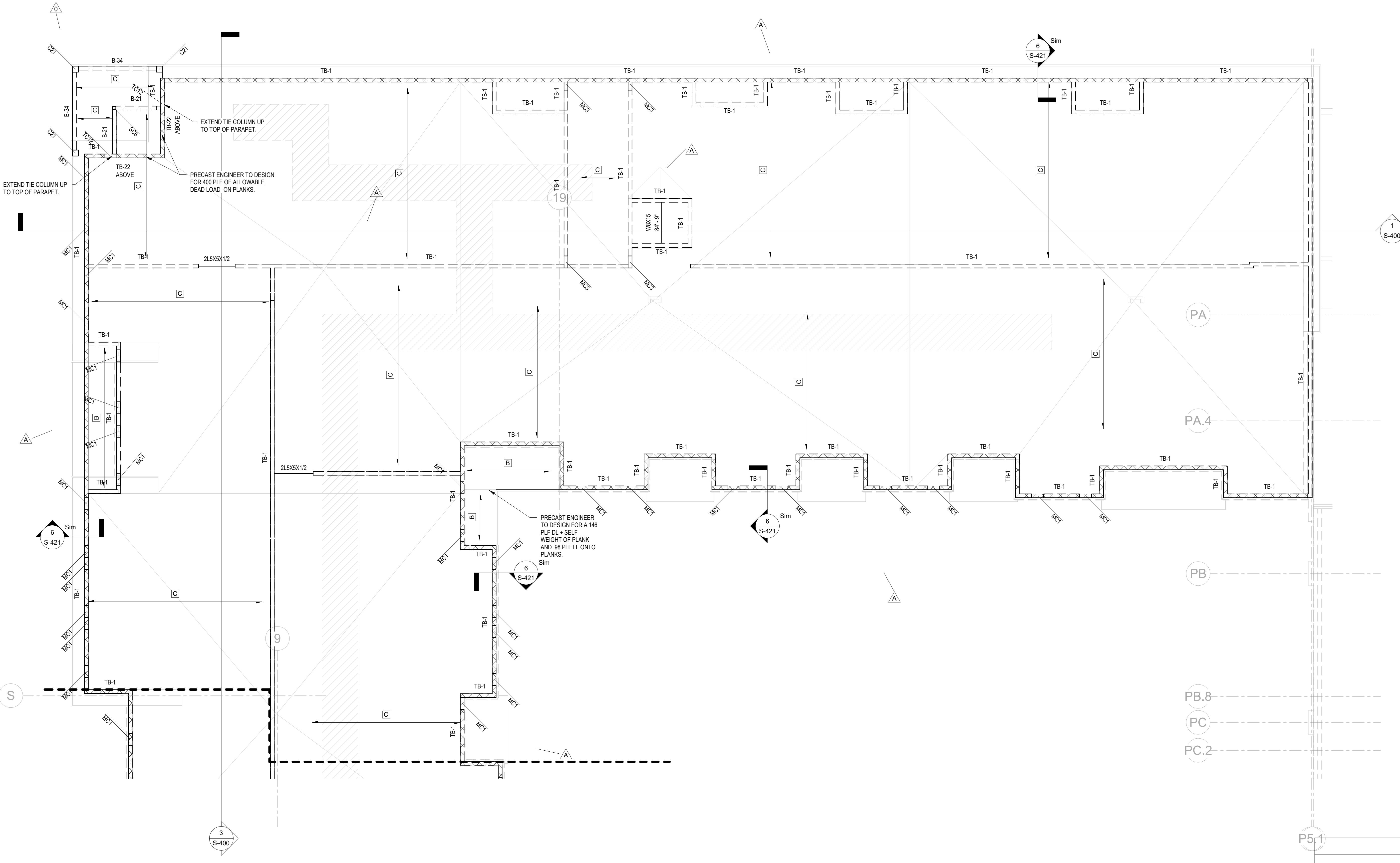
JOB NUMBER: 22037

DRAWN BY: BGN CHECKED BY: EM

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S-107A

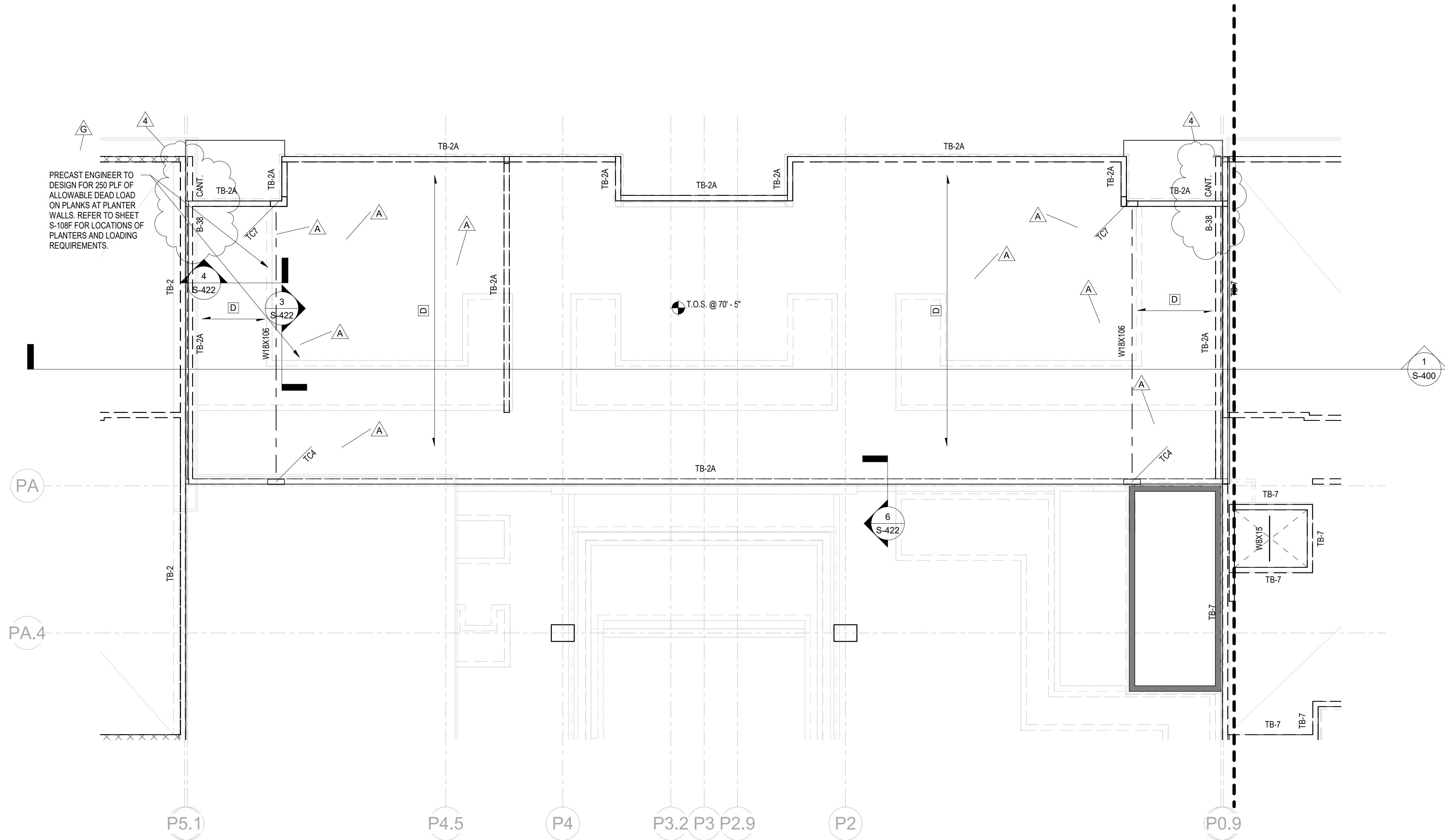
HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



FOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.

**PRECAST
DESIGN FOR
ALLOWABLE
ON PLANKS,
WALLS. RE
S-108F FOR
PLANTERS
REQUIREM**



06 PARTIAL ROOF PLAN - 2000

DOF FRAMING PLAN NOTES:

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS AND THE MEP PLANS. SEE MEP PLANS FOR ANY ROOF-TOP UNIT LOCATIONS AND WEIGHTS.

ELEVATIONS SHOWN ARE IN N.G.V.D.

SEE S-200 FOR ALL SCHEDULES.

ROOF FRAMING SHALL BE PRE-ENGINEERED 8" PRECAST HOLLOW CORE SLAB (H.C.S), UNTOPPED. SEE PLAN FOR LOCATIONS.

GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATION WITH ARCH AND MEP.

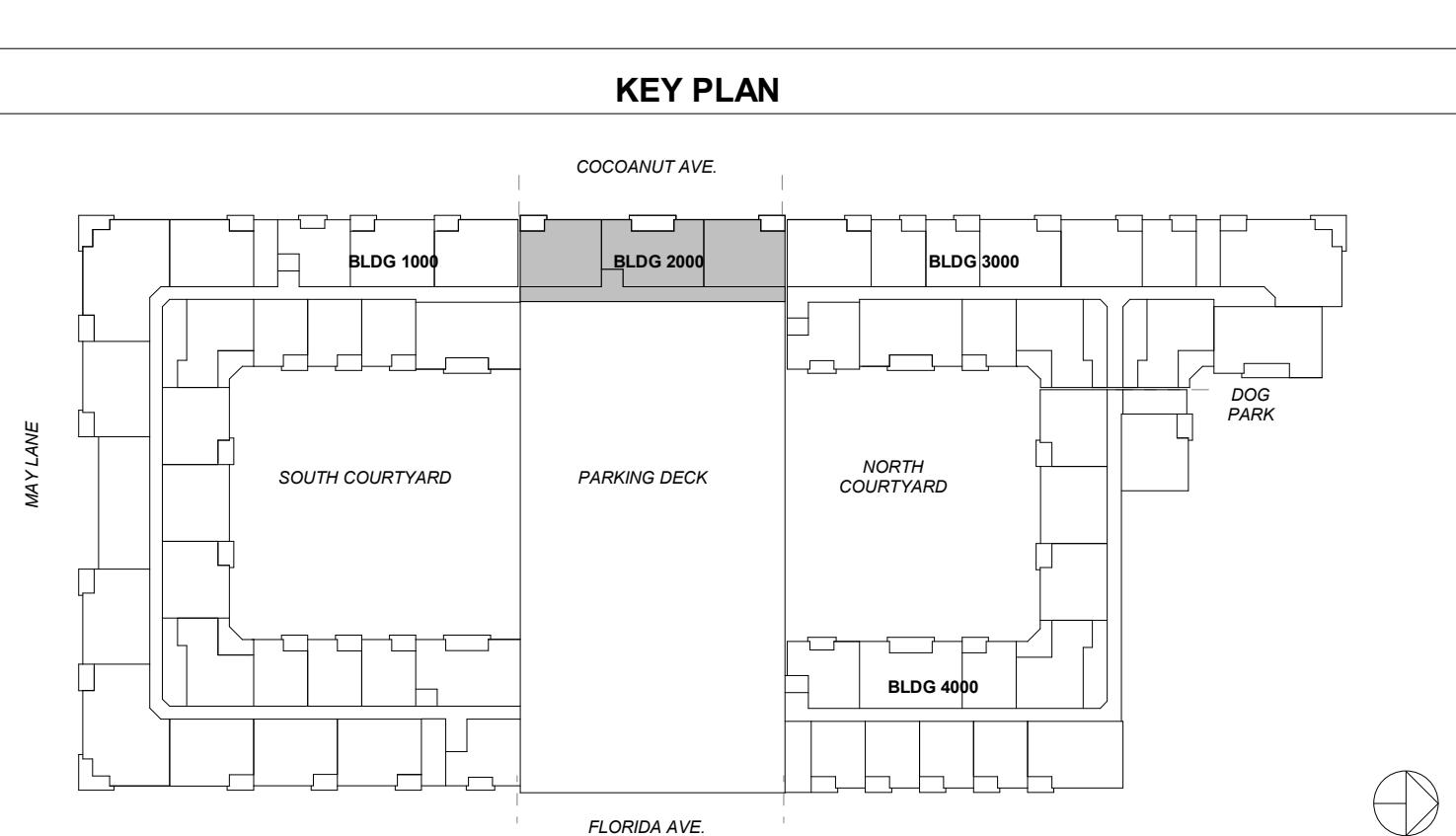
THE PRECAST ENGINEER SHALL DESIGN FOR ALL UNITS WEIGHING MORE THAN 500 LBS AND ALL UNITS WITH WEIGHTS LISTED ON PLAN. ALL OTHER UNITS WEIGHTS HAVE BEEN INCORPORATED IN THE DISTRIBUTED ROOF LOADS.

ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X'-X") ARE THE TOP OF BEAM REFERENCED IN N.G.V.D.

ROOF FRAMING AT ELEVATOR SHAFTS SHALL BE 6" CONCRETE SLAB U.N.O., PROVIDE #5@12" EACH WAY CENTERED IN SLAB. REFER TO ARCH FOR TOP OF SLAB ELEVATIONS.

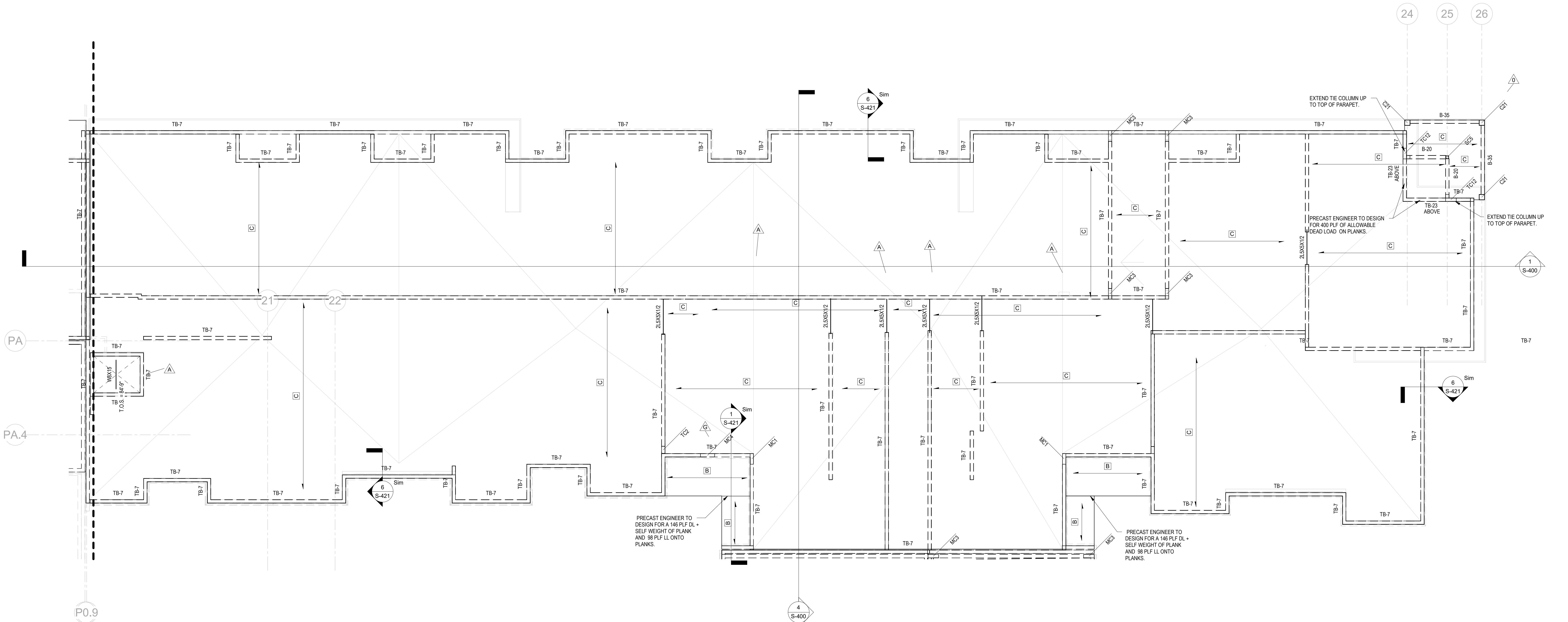
PLAN LEGEND

▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE BELOW THRU INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



FOLLOWCORE SLAB LEGEND

MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



06 PARTIAL ROOF PLAN - 3000

- FRAMING PLAN NOTES:

VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS AND THE MEP PLANS. SEE MEP PLANS FOR ANY ROOF-TOP UNIT LOCATIONS AND WEIGHTS.

ELEVATIONS SHOWN ARE IN N.G.V.D.

SEE S-200 FOR ALL SCHEDULES.

ROOF FRAMING SHALL BE PRE-ENGINEERED 8" PRECAST HOLLOW CORE SLAB (H.C.S), UNTOPPED. SEE PLAN FOR LOCATIONS.

GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATION WITH ARCH AND MEP.

THE PRECAST ENGINEER SHALL DESIGN FOR ALL UNITS WEIGHING MORE THAN 500 LBS AND ALL UNITS WITH WEIGHTS LISTED ON PLAN. ALL OTHER UNITS WEIGHTS HAVE BEEN INCORPORATED IN THE DISTRIBUTED ROOF LOADS.

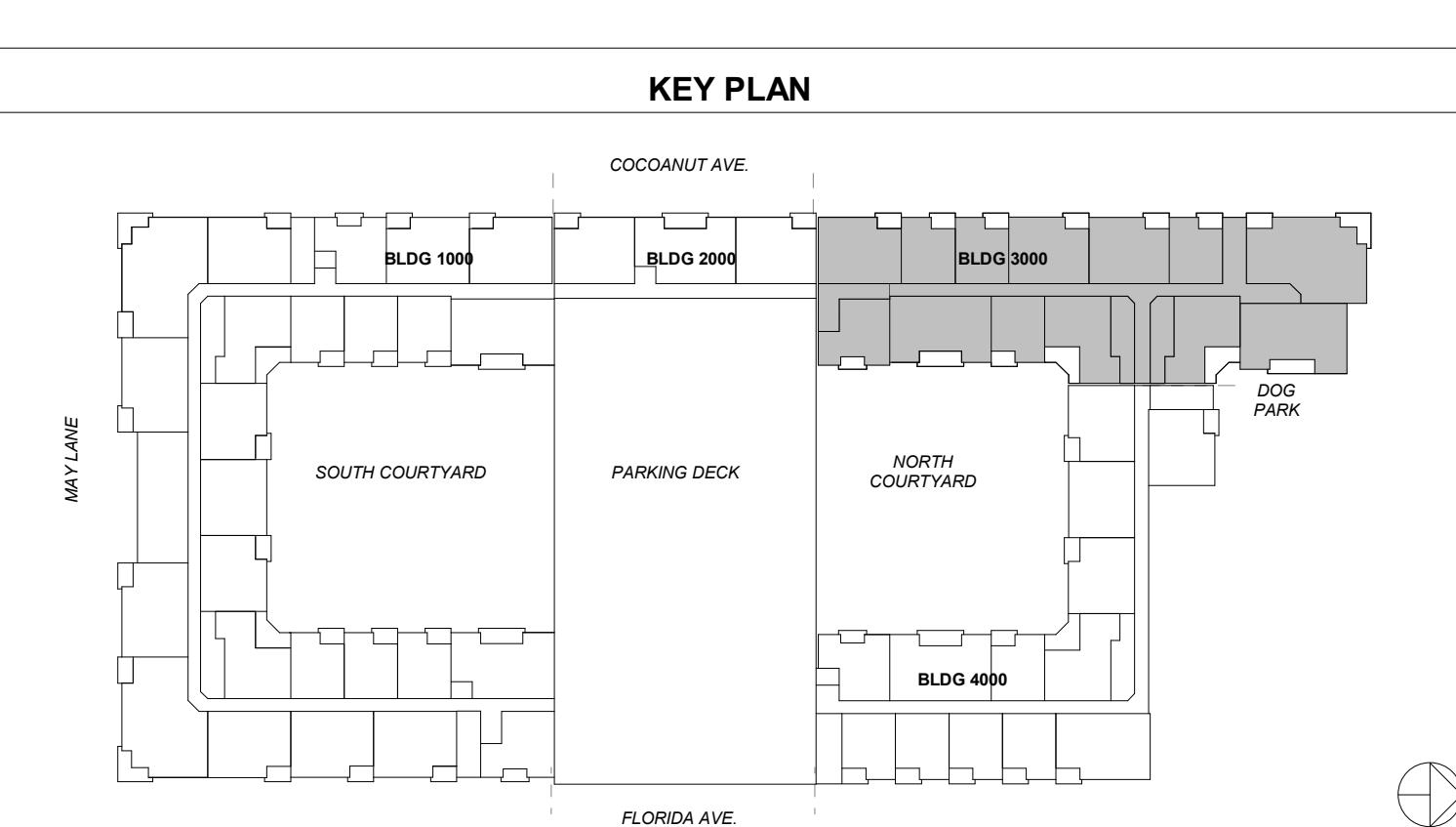
ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X'-X") ARE THE TOP OF BEAM REFERENCED IN N.G.V.D.

ROOF FRAMING AT ELEVATOR SHAFTS SHALL BE 6" CONCRETE SLAB U.N.O., PROVIDE #5@12" EACH WAY CENTERED IN SLAB. REFER TO ARCH FOR TOP OF SLAB ELEVATIONS.

PLAN LEGEND

▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.

OVE THRU
BELOW INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



PB
PB.8
PC
PC.2

PD

PD.8

PE

PF

PG

PH

PH.2

PH.6

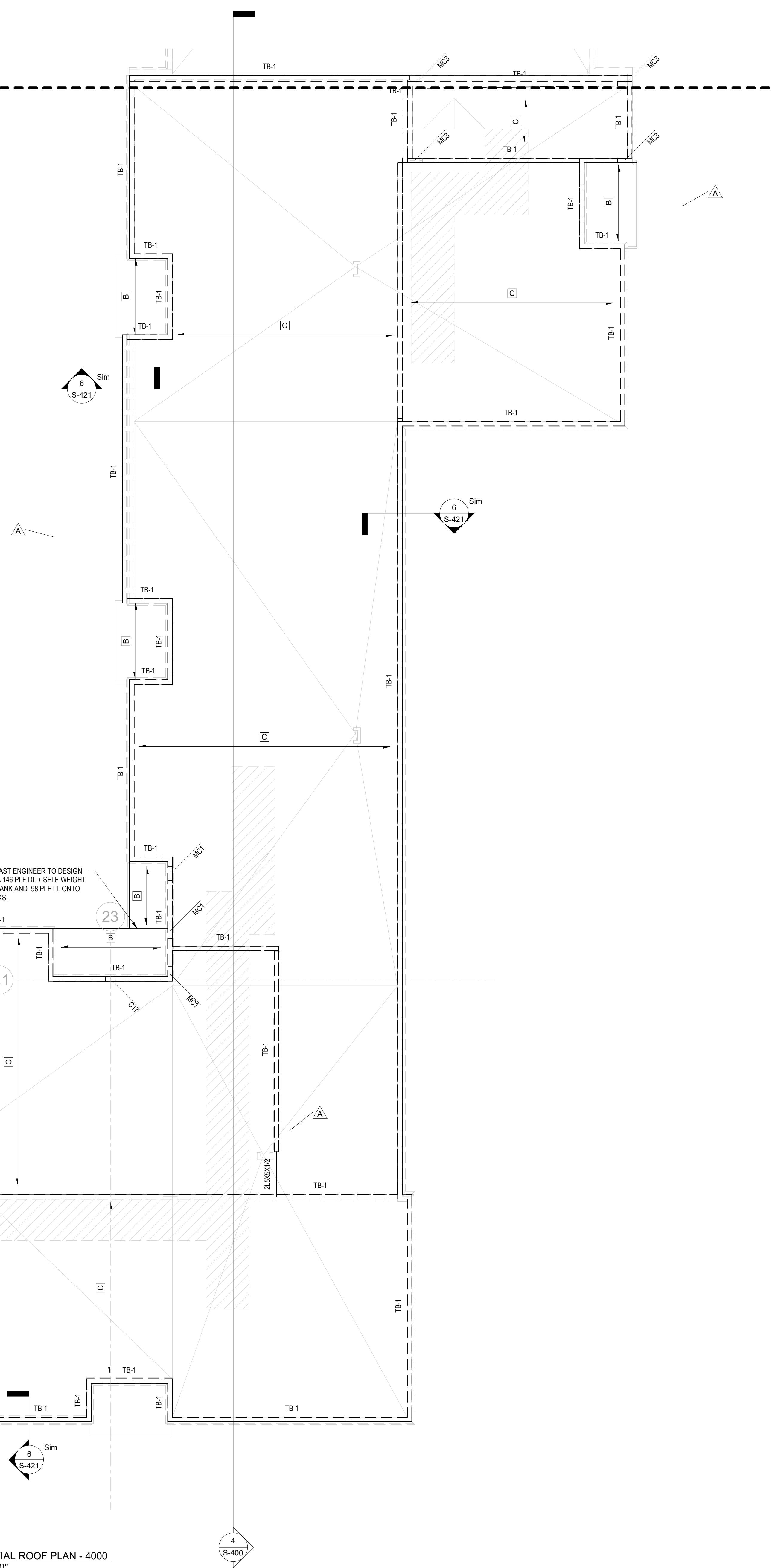
PJ

21

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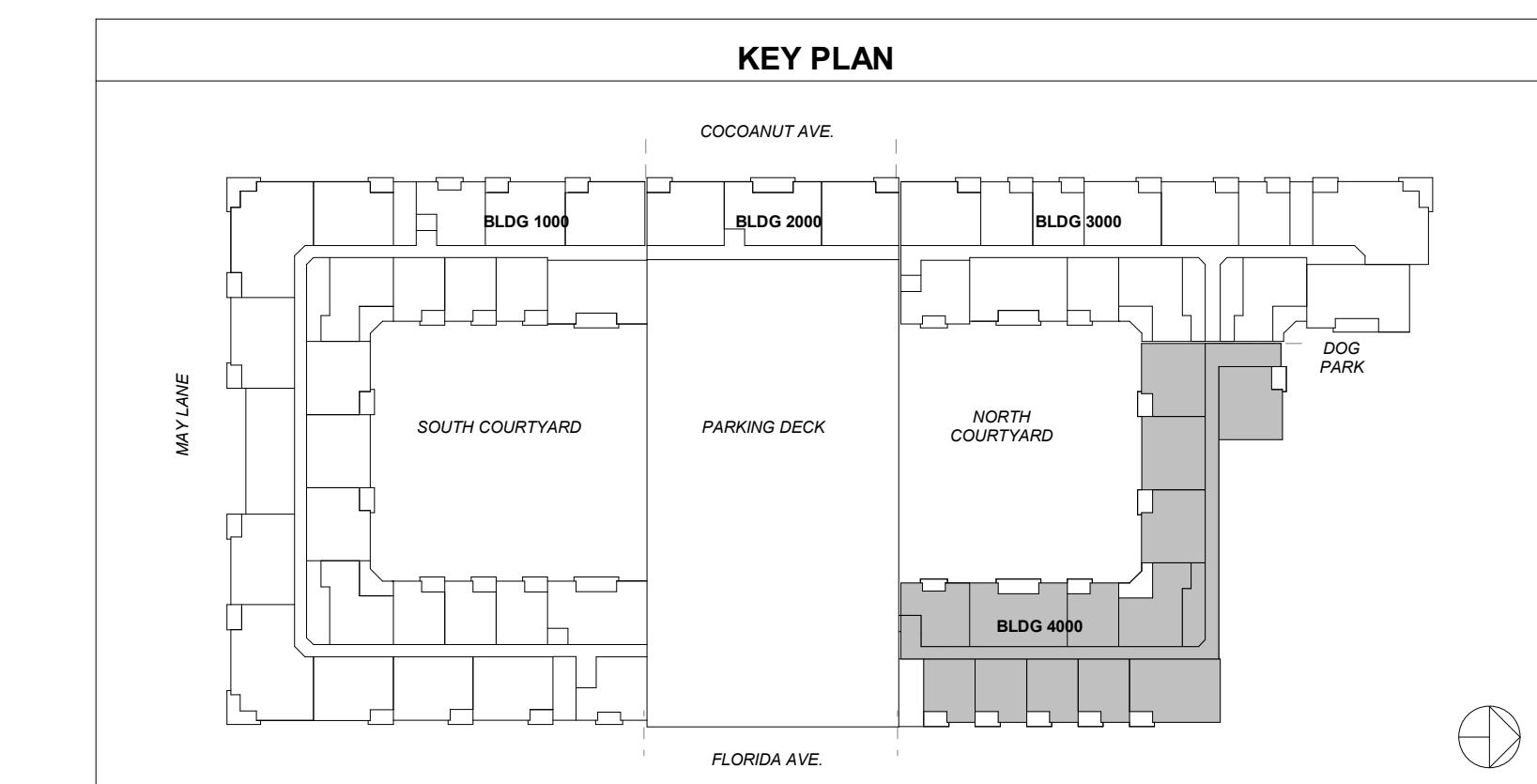
06 PARTIAL ROOF PLAN - 4000
1/8" = 1'-0"

HOLLOWCORE SLAB LEGEND	
MARK	TYPE
A	10" PRECAST HOLLOW CORE SLAB W/ 3" MIN. CONCRETE COMPOSITE TOPPING AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
B	6" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS, AND 2" MIN AT CAMBER LOCATIONS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH
C	10" PRECAST HOLLOW CORE SLAB, UNTOPPED. GROUT ALL KEYWAYS BETWEEN SLABS. SEE SECTIONS FOR EDGE POURS.
D	12" PRECAST HOLLOW CORE SLAB W/ 3" MIN AT SUPPORTS. COMPOSITE TOPPING SLOPE TOPPING TO EDGE. REINFORCE SLAB TOPPING W/ 6X6 W1.4XW1.4 W.W.F. AT MID-DEPTH.



- ROOF FRAMING PLAN NOTES:
1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS AND THE MEP PLANS. SEE MEP PLANS FOR ANY ROOF-TOP UNIT LOCATIONS AND WEIGHTS.
 2. ELEVATIONS SHOWN ARE IN N.G.V.D.
 3. SEE S-200 FOR ALL SCHEDULES.
 4. ROOF FRAMING SHALL BE PRE-ENGINEERED 8" PRECAST HOLLOW CORE SLAB (H.C.S.) UNTOPPED. SEE PLAN FOR LOCATIONS.
 5. GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH PRECAST SUPPLIER. VERIFY SIZE AND LOCATION WITH ARCH AND MEP.
 6. THE PRECAST ENGINEER SHALL DESIGN FOR ALL UNITS WEIGHING MORE THAN 500 LBS AND ALL UNITS WITH WEIGHTS LISTED ON PLAN. ALL OTHER UNITS WEIGHTS HAVE BEEN INCORPORATED IN THE DISTRIBUTED ROOF LOADS.
 7. ALL STRUCTURAL ELEMENTS NOTED ON PLAN (X*) ARE THE TOP OF BEAM REFERENCED IN N.G.V.D.
 8. ROOF FRAMING AT ELEVATOR SHAFTS SHALL BE 6" CONCRETE SLAB U.N.O. PROVIDE #5@12" EACH WAY CENTERED IN SLAB. REFER TO ARCH FOR TOP OF SLAB ELEVATIONS.

PLAN LEGEND
▼ INDICATES FOOTING STEP. SEE PLAN FOR ELEVATION. SEE TYPICAL DETAILS ON S-301.
ABOVE/Below INDICATES COLUMN MARK. COLUMNS ARE ABOVE, BELOW, OR THROUGH AS SHOWN.



06 PARTIAL ROOF
PLAN - 4000

ISSUED FOR CONSTRUCTION

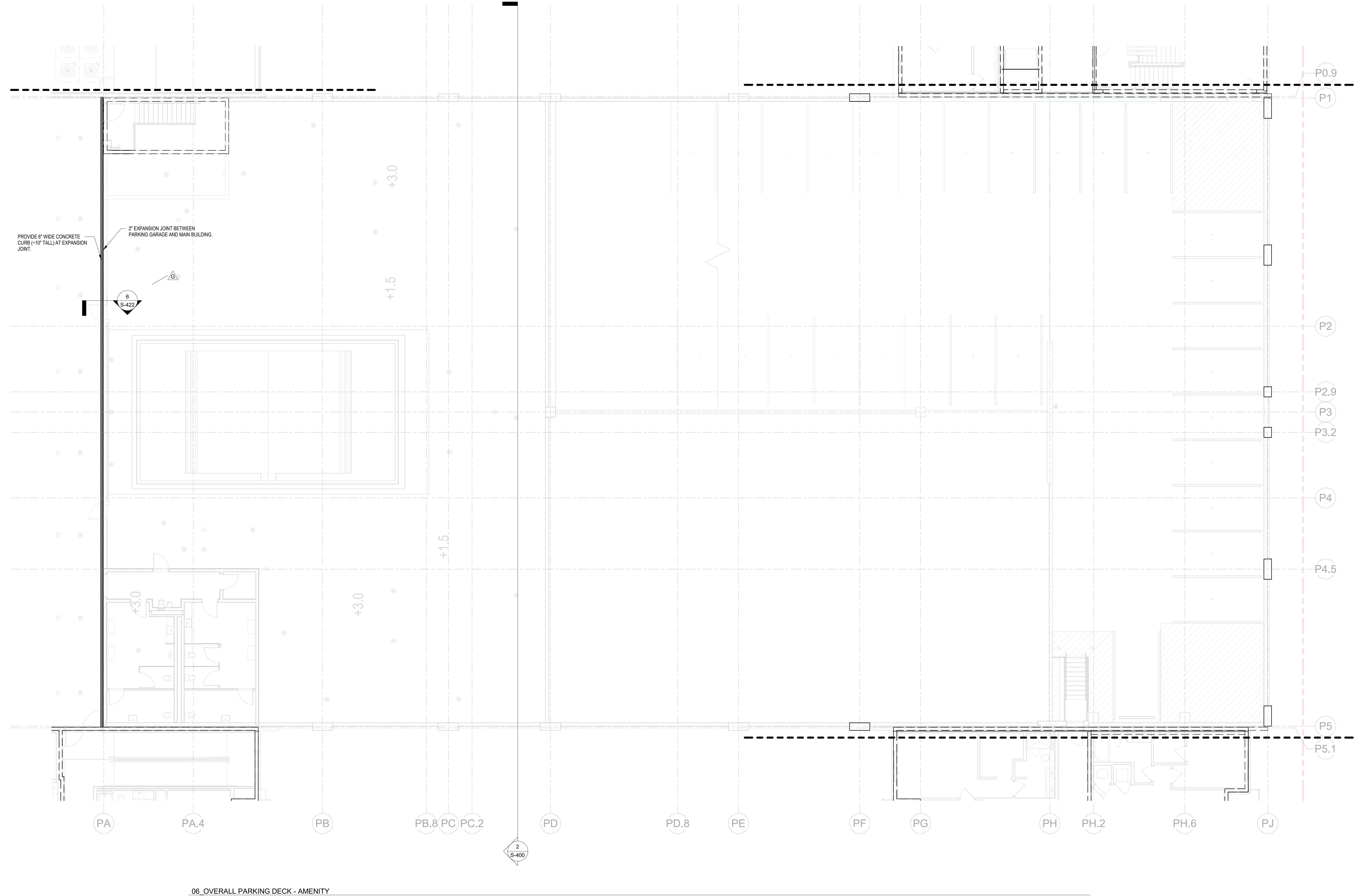
JOB NUMBER: 22037

DRAWN BY BGN CHECKED BY EM

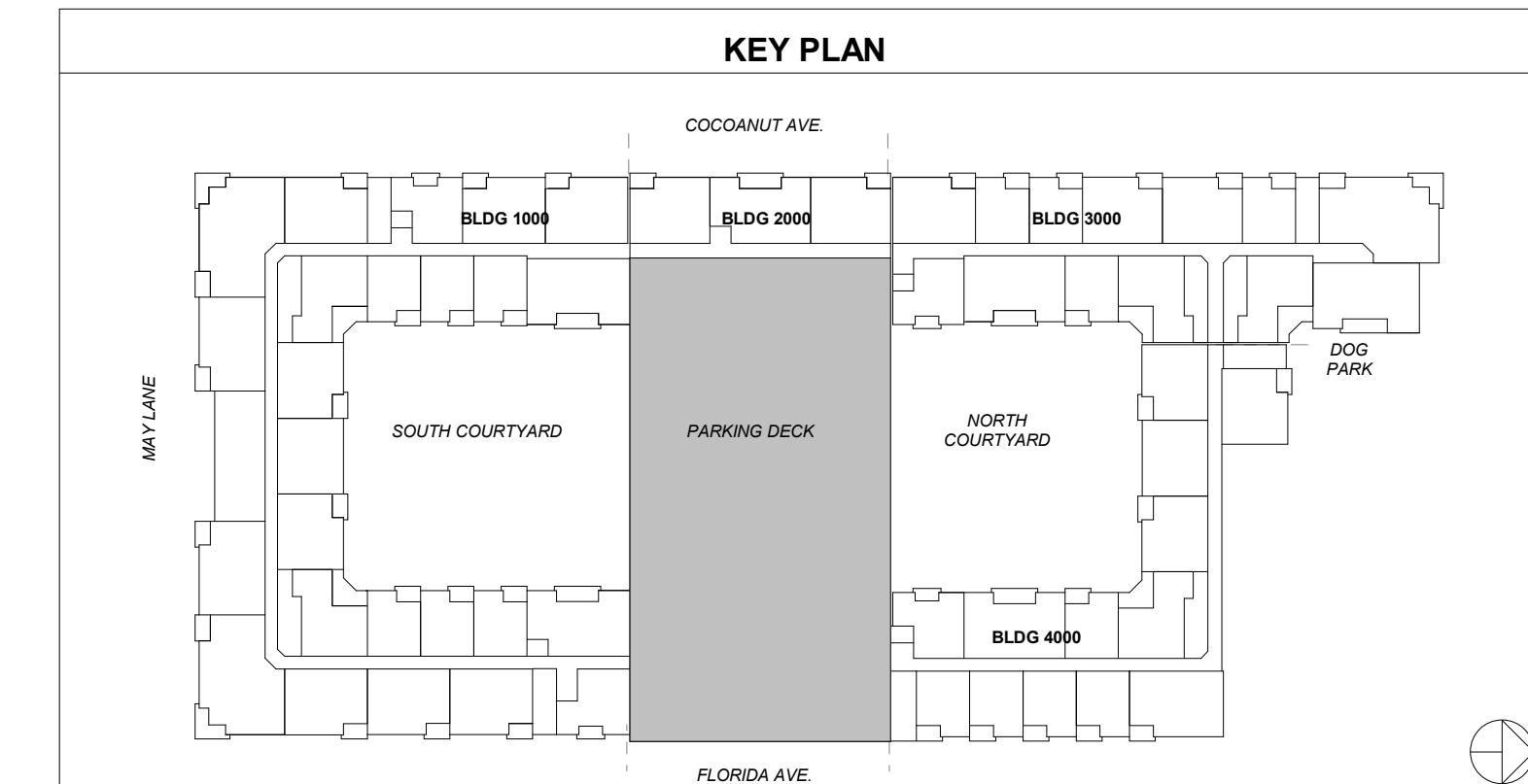
S-107E

SARASOTA BAYSIDE

800 COCONUT AVE,
SARASOTA, FL 34236



06. OVERALL PARKING DECK - AMENITY
1/8" = 1'-0"



WIND LOAD SCHEDULE				
PROJECT NAME: SARASOTA BAYSIDE				
PROJECT #: 22037				
SCHEDULE OF COMPONENTS AND CLADDING LOADS				
ZONE	ZONE DESCRIPTION	TRIBUTARY AREA (SF)	IN (PRESSURE) (+ PSF)	OUT (PRESSURE) (- PSF)
1	ROOF INTERIOR ZONE	LESS THAN 20	10.0	53.7
		20 - 100	10.0	50.6
		MORE THAN 100	10.0	43.8
2	ROOF EDGE ZONE	LESS THAN 20	10.0	84.2
		20 - 100	10.0	80.1
		MORE THAN 100	10.0	70.3
3	ROOF CORNER ZONE	LESS THAN 20	10.0	114.8
		20 - 100	10.0	109.3
		MORE THAN 100	10.0	96.8
4	WALL INTERIOR ZONE	LESS THAN 20	36.7	36.7
		20 - 50	35.0	36.7
		50 - 100	33.6	34.6
MORE THAN 100	31.6	33.3		
5	WALL EDGE ZONE	LESS THAN 20	31.6	67.2
		20 - 50	36.7	67.2
		50 - 100	36.7	59.4
MORE THAN 100	33.6	53.7		

NOTE: WIND PRESSURES SHOWN ARE BASED ON Vasd

CODE #	ASCE 7-16
ULTIMATE WIND SPEED Vt (MPH)	150
ALLOWABLE WIND SPEED Vasd (MPH)	117
RISK CATEGORY #	II
EXPOSURE #	C
ENCLOSURE CLASSIFICATION #	ENCLOSED
INTERNAL PRESSURE COEFFICIENT (Gpi) #	± 0.18
a (FT) #	26.4
2a (FT) #	52.8

ELEVATION VIEW

FLAT ROOF ($\theta = 0^\circ$)

SCALE: N.T.S.

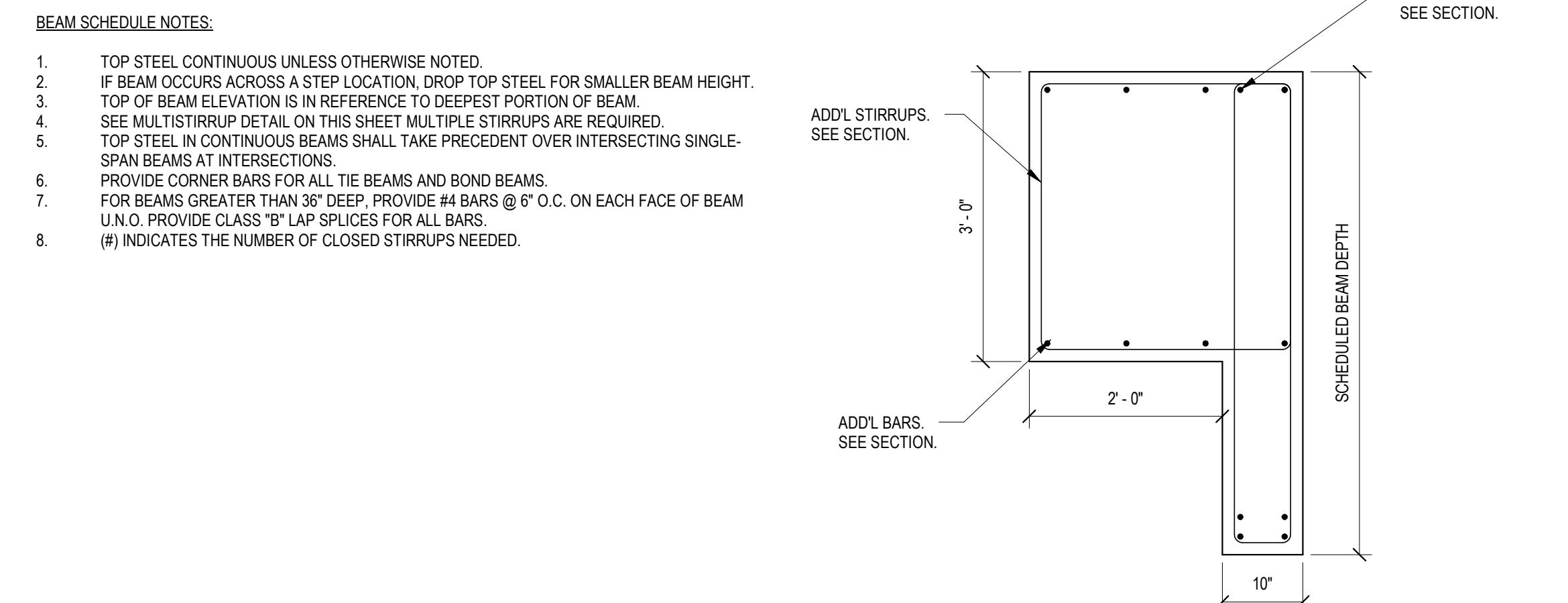
Interior Zones
ZONE 1 - ROOF
ZONE 4 - WALL

End Zones
ZONE 2 - ROOF
ZONE 3 - WALL

FOUNDATION SCHEDULE					
MARK	WIDTH	LENGTH	DEPTH	REINFORCING	REMARKS
F3.0	3'-0"	3'-0"	1'-2"	36S B.E.W.	
F4.0	4'-0"	4'-0"	1'-2"	36S B.E.W.	
F4.5A	4'-6"	4'-6"	1'-1"	36S B.E.W.	
F5.0	5'-0"	5'-0"	1'-4"	66S B.E.W.	
F6.0	6'-0"	6'-0"	1'-5"	66S B.E.W.	
F7.0	7'-0"	7'-0"	2'-3"	96S B.E.W.	
F7.5	7'-6"	7'-6"	2'-0"	96S B.E.W.	
F8.0	8'-0"	8'-0"	2'-3"	88T B.E.W.	
F9.0	9'-0"	9'-0"	2'-5"	116S B.E.W.	
F11.0	11'-0"	11'-0"	2'-5"	136T B.E.W.	
F12.0	12'-0"	12'-0"	2'-5"	116S B.E.W.	
F13.0	13'-0"	13'-0"	3'-0"	138B E.W.	
F13.08	13'-0"	18'-0"	2'-9"	#8 @ 12" T.E.W. & B.E.W.	
F13.5	9'-0"	13'-6"	2'-10"	109 T&B S.W. 96S T&B L.W.	
F14.0	14'-0"	14'-0"	3'-0"	148S B.E.W.	
F15.0	15'-0"	15'-0"	3'-2"	166S B.E.W.	
F16.0	16'-0"	16'-0"	3'-4"	209 T&B S.W. 136T TOP & BOT L.W.	
F16.08	16'-0"	40'-0"	3'-4"	#8 @ 12" T.E.W. & B.E.W.	
F16.5	16'-6"	16'-6"	3'-5"	196S B.E.W.	
F16.5A	16'-6"	16'-6"	3'-6"	169S B.E.W.	
F17.0A	17'-0"	10'-4"	3'-6"	169 T&B S.W. 107T TAB L.W.	COLUMN SITS ON PEDESTAL REFER TO TYPICAL DETAILS.
F17.08	17'-0"	15'-4"	3'-6"	169P TOP & BOT S.W. 136P TOP & BOT L.W.	
F17.0C	17'-0"	15'-4"	3'-1"	168P TOP & BOT L.W. 186P TOP & BOT S.W.	
F17.0D	17'-0"	40'-0"	3'-6"	#8 @ 12" EACH DIRECTION TOP & BOTTOM	COLUMN SITS ON PEDESTAL REFER TO TYPICAL DETAILS.
F18.0A	18'-0"	50'-0"	3'-8"	#10 @ 12" B.E.W.	
F20.0A	11'-0"	20'-0"	4'-0"	1710 T&B S.W. 119T TAB L.W.	
F26.0	26'-0"	33'-0"	3'-4"	#8 @ 12" B.E.W.	
F53.0	3'-0"	CONT.	2'-0"	4B BOT REIN.	
F54.0	4'-0"	CONT.	1'-5"	4B BOT REIN.	
F55.0	5'-0"	CONT.	1'-5"	5B BOT. CONT. #8 @ 11" TRANSVERSE.	
F56.0	6'-0"	CONT.	1'-6"	96S BOT. CONT. #8 @ 14" TRANSVERSE.	
F57.0	7'-0"	CONT.	1'-7"	5B6 BOT. CONT. #8 @ 14" TRANSVERSE.	
F58.0	8'-0"	CONT.	1'-10"	96S BOT. CONT. #8 @ 12" TRANSVERSE.	
F512.0	12'-0"	CONT.	2'-7"	116S BOT. CONT. #8 @ 12" TRANSVERSE.	
F514.0	14'-0"	CONT.	3'-0"	148B BOT. CONT. #8 @ 10" TRANSVERSE.	
F516.0	16'-0"	CONT.	3'-4"	149B BOT. CONT. #8 @ 12" TRANSVERSE.	

CONCRETE BEAM SCHEDULE					
MARK	ELEV.	SIZE (WxH)	REINF. BOT.	REINF. TOP	TIE SIZE/ SPACING
B-2	32'-5 1/2"	12X24	4B	4B	#4 @ 12" O.C.
B-3	29'-3 3/4"	7.5X16	267	265	#3 @ 8" O.C.
B-4	36'-3 1/2"	40X14	296	11#8	REINF. BOT. AND TOP 2 ROWS OF 2#8
B-5	36'-3 1/2"	40X54	2810	13#10	REINF. BOT. 2 ROWS
B-8	22'-11 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-9	47'-4 1/2"	38x69	20410	848	(2) #4 @ 8" O.C. REINF. BOT. (2) ROWS OF 10#10 PROVIDE 4#4 BARS AT 6" O.C. ON EACH FACE. L.BEAM SEE SECTION.
B-10	32'-5 1/2"	12X24	4B	4B	#4 @ 12" O.C.
B-17	22'-1 1/2"	24X12	4B	4B	#3 @ 12" O.C.
B-18	20'-3 1/2"	7.5X16	265	265	#3 @ 12" O.C.
B-20	69'-3 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-21	80'-2 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-22	68'-5 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-23	35'-2 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-24	46'-3 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-25	57'-4 1/2"	7.5X16	265	265	#3 @ 8" O.C.
B-26	35'-2 1/2"	24X40	10#9	547	(3) #4 @ 6" O.C. BOTTOM REINFORCING IN (2) ROWS.
B-27	35'-2 1/2"	24X40	6#8	6#8	(4) #4 @ 6" O.C.
B-28	32'-6 1/2"	7.5X16	6110	6110	2#14 @ 7" O.C.
B-29	36'-3 1/2"	34 X 70	4B	4B	(2) #3 @ 7" O.C.
B-30	35'-2 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-31	46'-3 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-32	68'-5 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-33	80'-1 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-34	80'-1 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-35	69'-3 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-36	36'-3 1/2"	12X36	8#9	8#9	(2) #4 @ 6" O.C. REINF. BOT. (2) ROWS OF 4#9
B-37	32'-5 1/2"	7.5X16	265	265	#3 @ 8" O.C. T.O. BEAM SET AT PLANK BEARING. T.O. BEAM STEPS AS REQUIRED AT T.O. CONV. BEAM EXTENDS 5" OUT BUILDING FROM CONCRETE BEAM.
B-38	"varies"	7.5X16	265	265	#3 @ 8" O.C. T.O. BEAM SET AT PLANK BEARING. T.O. BEAM STEPS AS REQUIRED AT BALCONY.
B-39	"varies"	7.5X16	265	265	#3 @ 8" O.C. T.O. BEAM SET AT PLANK BEARING. T.O. BEAM STEPS AS REQUIRED AT BALCONY.
B-40	20'-9 1/2"	8 X 16	265	265	#3 @ 8" O.C.
B-41	19'-5 1/2"	8 X 16	265	265	#3 @ 8" O.C.

CONCRETE TRANSFER BEAM SCHEDULE					
MARK	ELEV.	SIZE (WxH)	REINF. BOT.	REINF. TOP	TIE SIZE/ SPACING
TRB-1	36'-3 1/2"	20 X 46	10#10	5#8	(2) #4 @ 7" O.C. BOTTOM REINFORCING IN (2) ROWS OF 5 BARS.
TRB-2	36'-3 1/2"	18 X 30	10#10	5#8	(2) #4 @ 5" O.C. BOTTOM REINFORCING IN (2) ROWS OF 5 BARS.
TRB-3	36'-3 1/2"	30 X 30	20#8	20#8	(3) #4 @ 4" O.C. TOP AND BOTTOM REINFORCING IN (2) ROWS OF 10 BARS.



SARASOTA BAYSIDESHEET NO. 9
800 COCONUT AVENUE

ISSUE		INCLUDES	
03/29/2022	SCHEMATIC DESIGN	x	x
06/10/2022	DESIGN DEVELOPMENT	x	x
06/10/2022	CDR	x	x
07/13/2023	GMP PERMIT	x	x
07/13/2023	ADD. 1 FOUNDATION	x	x
07/13/2023	ADD. 2 FOUNDATION	x	x
03/19/2024	STRUCTURAL BLDG PRECAST IFC	x	x
03/19/2024	STRUCTURAL BLDG PRECAST IFC	x	x

REVISION	DATE	DESCRIPTION	REV.
P0.9	8/28/2024	Initial Submission	

8/28/2024 3:32:13 PM	ENGINEER OF RECORD
	Cordell S. Van Nestrand FL P.E. # 67580

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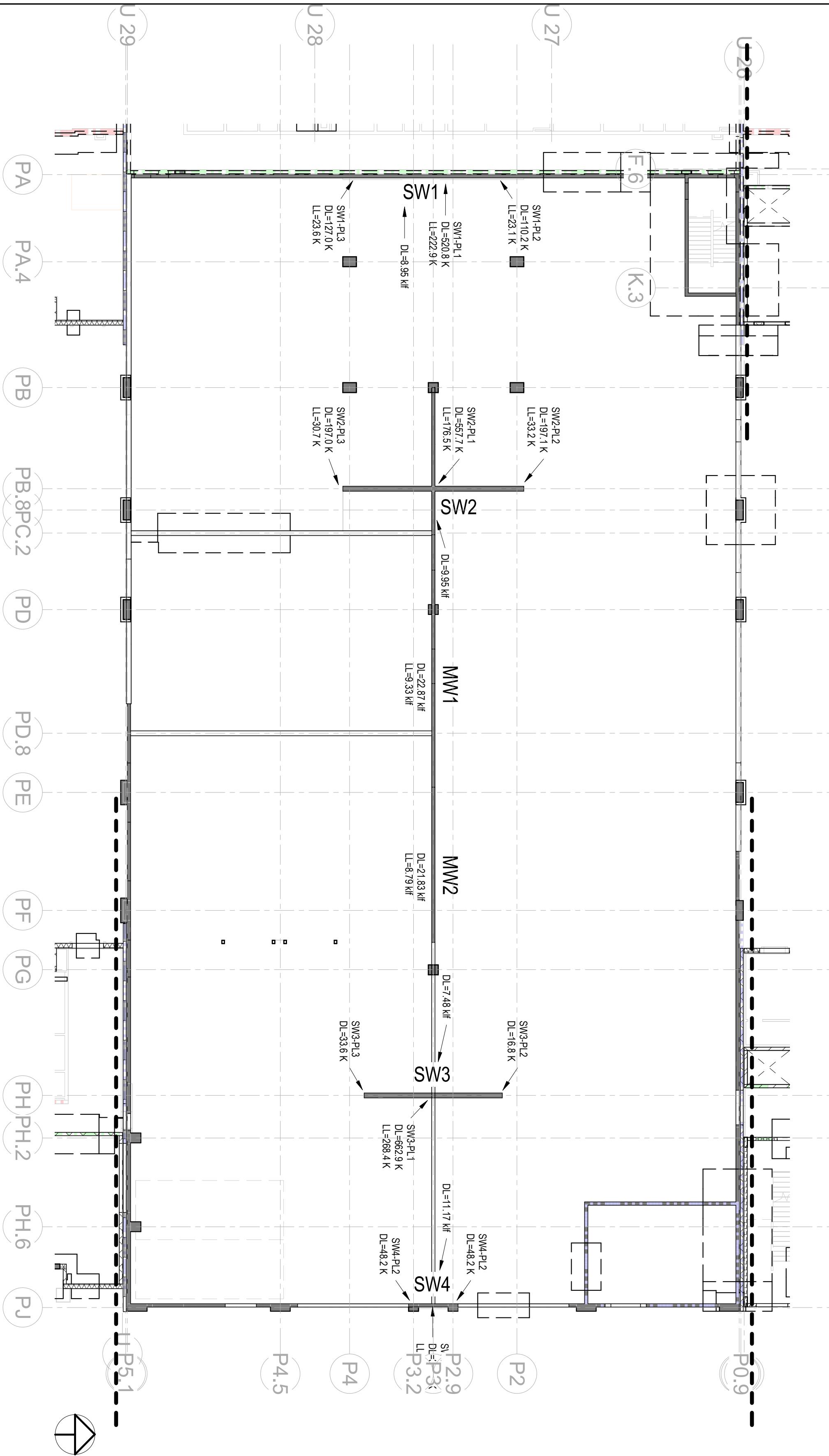
WALL LOADING AND
COLUMN LOADING PLAN

ISSUED FOR CONSTRUCTION

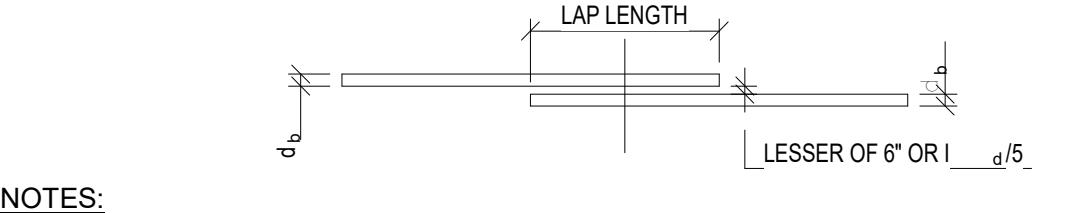
JOB NUMBER: 22037

DRAWN BY: BGN
CHECKED BY: EM

S-201



BAR SIZE	TENSION (CLASS 'B') LAP SPLICE LENGTH						COMPRESSION LAP / SPLICE LENGTH		
	TOP BARS			OTHER BARS			ALL BARS		
	3000 PSI	4000 PSI	5000 PSI	6000 PSI	3000 PSI	4000 PSI	5000 PSI	6000 PSI	ALL CONCRETE WITH $f_y = 3000 \text{ psi}$
#3	28	24	22	20	22	19	17	15	12
#4	37	32	29	26	29	25	22	20	15
#5	47	40	36	33	36	31	28	25	19
#7	81	70	63	58	63	54	49	44	27
#8	93	80	72	66	72	62	55	51	30
#9	105	91	81	74	81	70	63	57	34
#10	118	102	91	83	91	79	70	64	38
#11	131	113	101	93	101	87	78	71	43
#14	121	105	94	104	93	81	72	80	-
#18	161	139	125	114	124	107	96	88	-

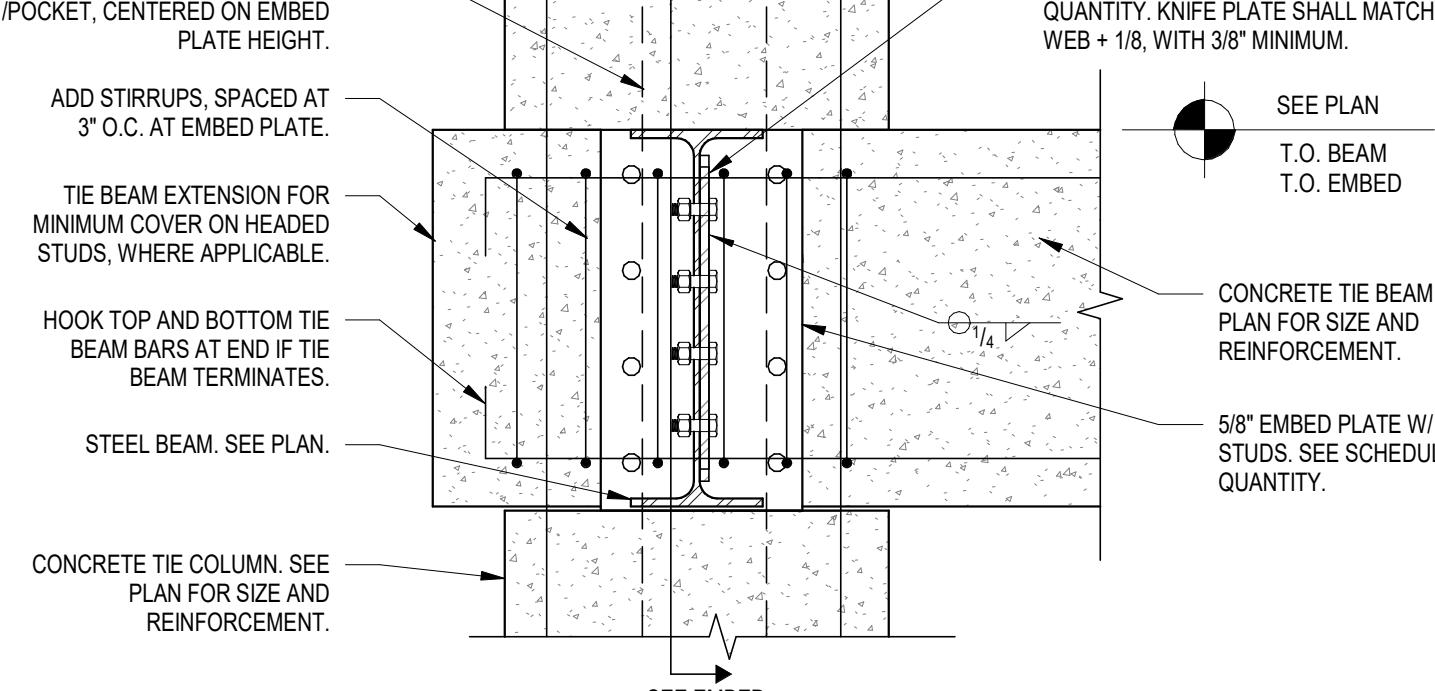


- NOTES:
- REFER TO "HOOKED TENSION DEVELOPMENT LENGTH SCHEDULE" WHEN THE STRAIGHT DEVELOPMENT LENGTH IN TENSION CANNOT BE ACCOMMODATED IN THE CONCRETE SECTION.
 - WALL USE SPLICING OF TOP BARS AS ENVIRONMENTAL, UNLESS THE PLANS OR DETAILS NOTE OTHERWISE.
 - TABULATED DEVELOPMENT LENGTH AND LAP SPLICE LENGTHS ARE BASED ON REINFORCING STEEL YIELD STRENGTH $F_y = 60 \text{ ksi}$, NORMAL WEIGHT CONCRETE, AND CLASS B LAPS.
 - TOP BARS ARE DEFINED AS HORIZONTAL BARS WHICH HAVE MORE THAN 1/4 INCHES FRESH CONCRETE CAST IN THE MEMBER BECAUSE THE TENSILE TOWER FACTOR DOES NOT APPLY TO BARS IN WALLS.
 - WHEN DIFFERENT BAR DIAMETERS ARE SPLICED, USE SMALLER BAR LAP SPLICE LENGTH.
 - ALL TABULATED VALUES ARE MINIMUM LENGTH, IN CASE OF CONFLICT WITH PLANS, SECTIONS, OR DETAILS USE LONGER LENGTH.
 - d_b = BAR DIAMETER
 - l_d = DEVELOPMENT, LAP OR SPLICE LENGTH.
 - ADJUST TABULATED LENGTH BY THE FOLLOWING FACTORS WHERE APPLICABLE. NOTE THAT FACTORS ARE CUMULATIVE: (E.G. 1.00)
 - A. LIGHT-WEIGHT CONCRETE: 1.30
 - B. 3 OR LESS BUNDLED BARS: 1.20
 - C. 4 OR MORE BUNDLED BARS: 1.33
 - D. CLEAR SPACING OF BARS LESS THAN 24 AND CLEAR COVER LESS THAN d_b : 1.50
 - E. CLASS A LAP SPLICE: 0.77
 - F. EPOXY COAT BARS: 1.00
 11. MECHANICAL SPLICES MAY BE USED AT THE GENERAL CONTRACTOR'S OPTION PROVIDED THAT THE SPLICE IS CAPABLE OF DEVELOPING AT LEAST 125% OF THE YIELD STRENGTH OF THE LARGER BAR IN TENSION. WHERE WELDED AND/OR MECHANICAL SPLICES ARE TO BE USED, THE GENERAL CONTRACTOR SHALL SUBMIT FULL DATA OF THE PROPOSED MATERIAL, PROCEDURES, AND CONSTRUCTION TO THE ENGINEER FOR REVIEW AS A DRAWING SUBMISSION.
 12. LAP SPLICES IN CONCRETE MASONRY SHALL BE AS SPECIFIED IN STRUCTURAL NOTES.

BAR SIZE	HOOKED TENSION DEVELOPMENT LENGTH (l_d) INCHES				
	3000 PSI	4000 PSI	5000 PSI	6000 PSI	ALL CONCRETE WITH $f_y = 3000 \text{ psi}$
#3	9	7	7	6	6
#4	11	10	9	8	8
#5	14	12	11	10	10
#6	17	15	13	12	12
#7	19	17	15	14	14
#8	22	19	17	16	16
#9	25	22	19	18	18
#10	28	24	22	20	20
#11	31	27	24	22	22
#14	37	32	29	27	27
#18	50	43	39	35	35

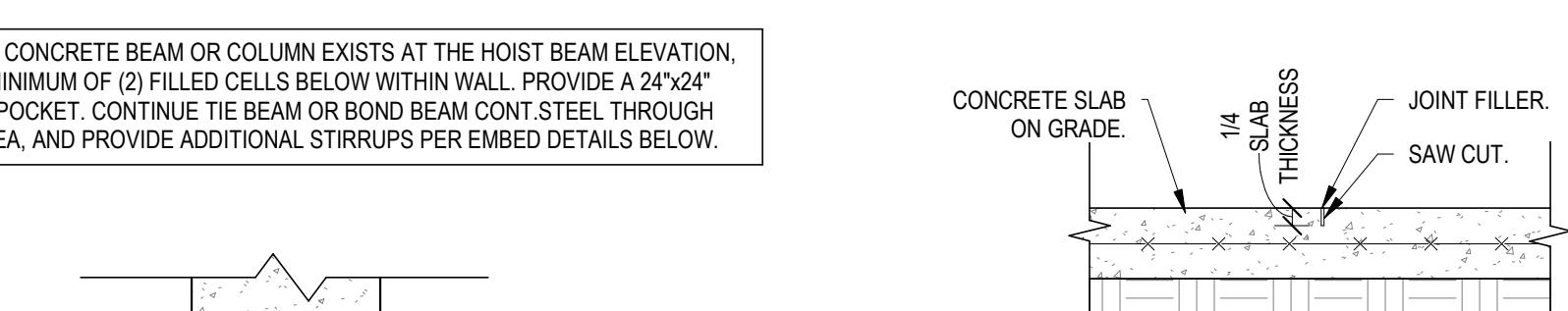
BAR SIZE	EMBED PLATE SCHEDULE					
	BEAM SIZE	EMBED SIZE WxH	TOTAL NO. OF STUDS	HEADED STUD DIAMETER	HEADED STUD LENGTH	
W12	7 5/8" X 21"	10	1/2"	2 3/4"	3	3/4"
W18	8" X 25"	12	5/8"	3 1/2"	4	3/4"

NOTE: IF NO CONCRETE BEAM OR COLUMN EXISTS AT THE HOIST BEAM ELEVATION, ENSURE A MINIMUM OF (2) FILLED BOXES BELOW GROUT. PROVIDE A 24" X 24" CONCRETE POCKET. CONTINUE TIE BEAM OR BOND BEAM CONT. STEEL THROUGH POCKET AREA, AND PROVIDE ADDITIONAL STIRRUPS PER EMBED DETAILS BELOW.								
NOTE: (1) FOR W12S MAX BOLT CONNECTION DISTANCE TO PLATE 2". STUD COLUMN SPACING 2 1/2". (2) FOR W18S MAX BOLT CONNECTION DISTANCE TO PLATE 2". STUD COLUMN SPACING 5".								



EMBED PLATE ELEVATION

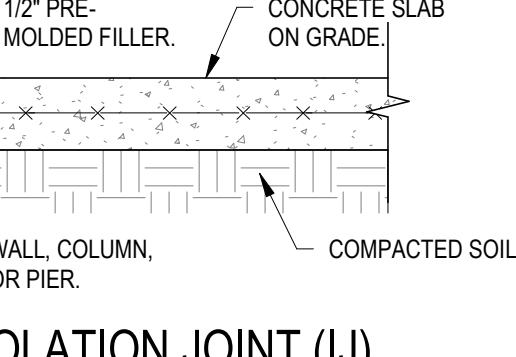
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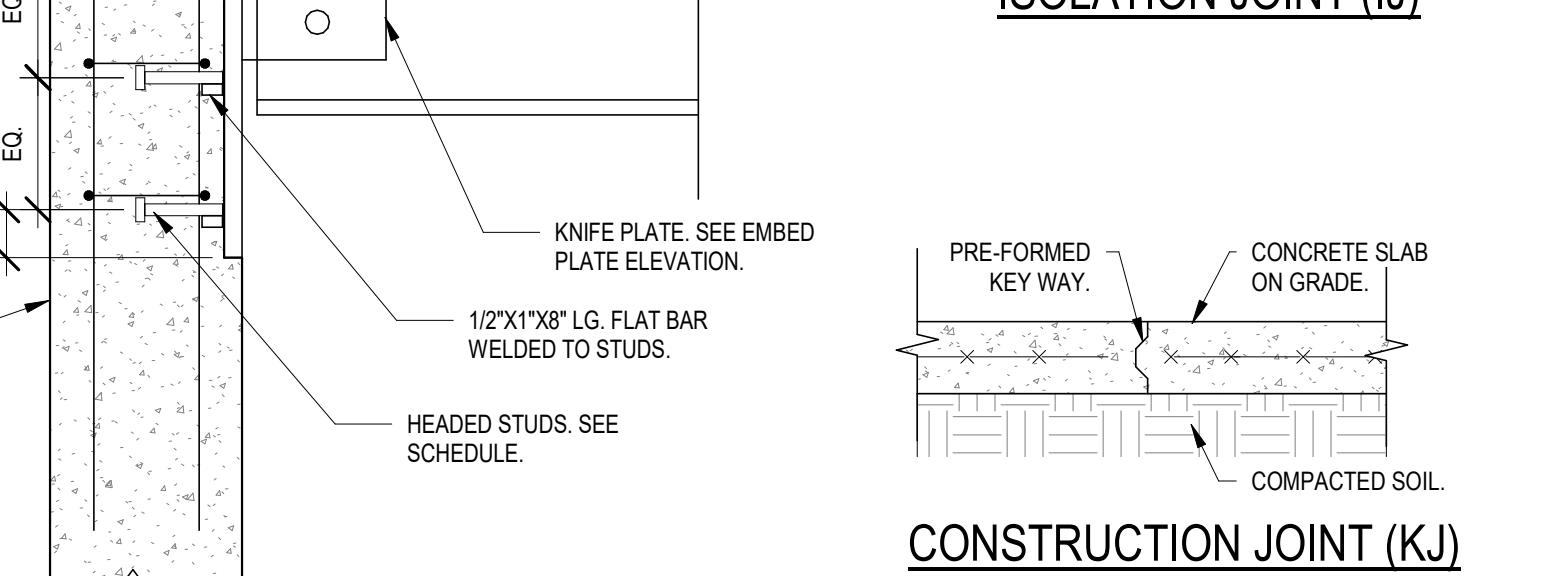
NOTE: SAW CUT AS SOON AS POSSIBLE WITHOUT RAVELING CONCRETE.

COMPACTED SOIL.

CONTROL JOINT (CJ)



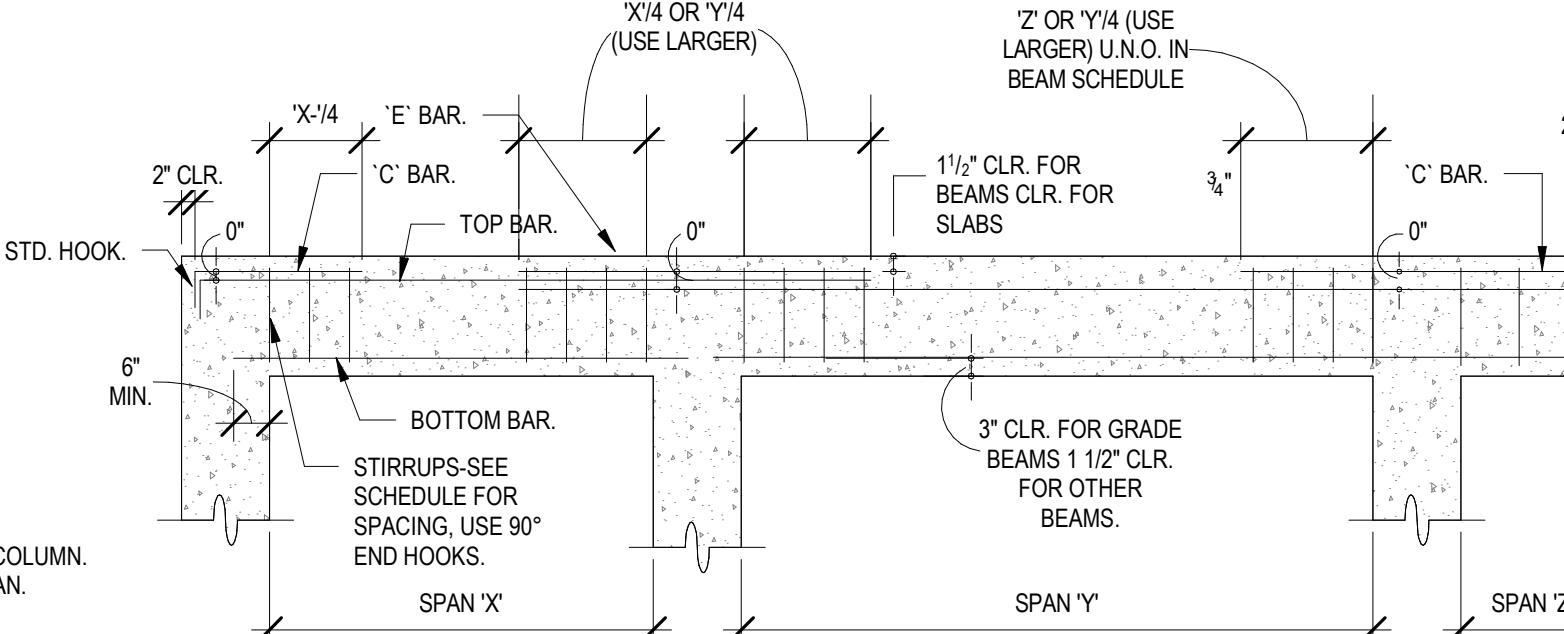
ISOLATION JOINT (IJ)



CONSTRUCTION JOINT (KJ)

EMBED PLATE SECTION

SCALE: N.T.S.



TYPICAL BENDING DIAGRAM FOR BEAMS AND ONE WAY SLABS

SCALE: N.T.S.

ISSUE		REVISION	INCLUDES
03/29/22	SCHEMATIC DESIGN	03/10/22	DESIGN DEVELOPMENT
03/10/22	GENERAL COMMENTS	03/10/22	GENERAL COMMENTS
03/10/22	AMP PERMIT	03/10/22	AMP PERMIT
03/10/22	ADD 2 FOUNDATION	03/10/22	ADD 2 FOUNDATION
03/10/22	STRUCTURAL BLDG PRECAST IFC	03/10/22	STRUCTURAL BLDG PRECAST IFC
03/10/22	STRUCTURAL BLDG PRECAST IFC	03/10/22	STRUCTURAL BLDG PRECAST IFC

REVISION		INCLUDES
03/10/22	MTO ROUND 1 PERMIT COMMENTS	

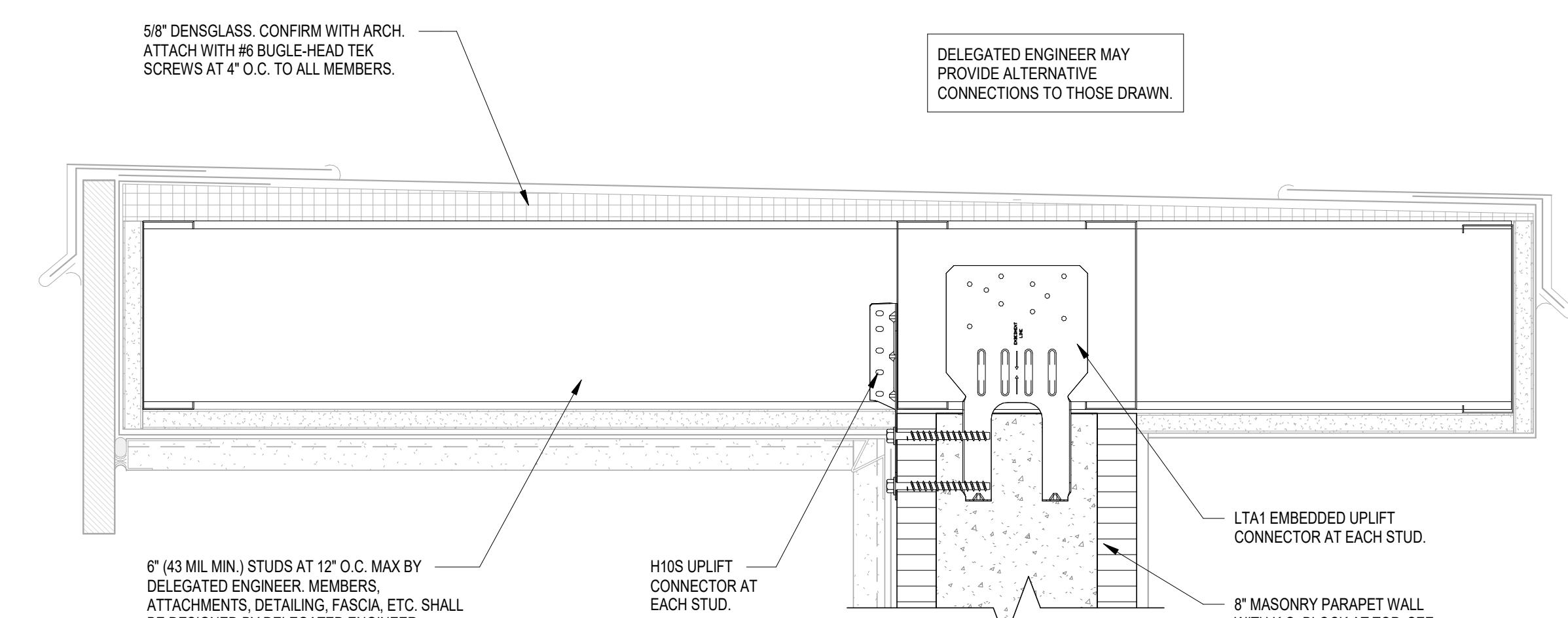
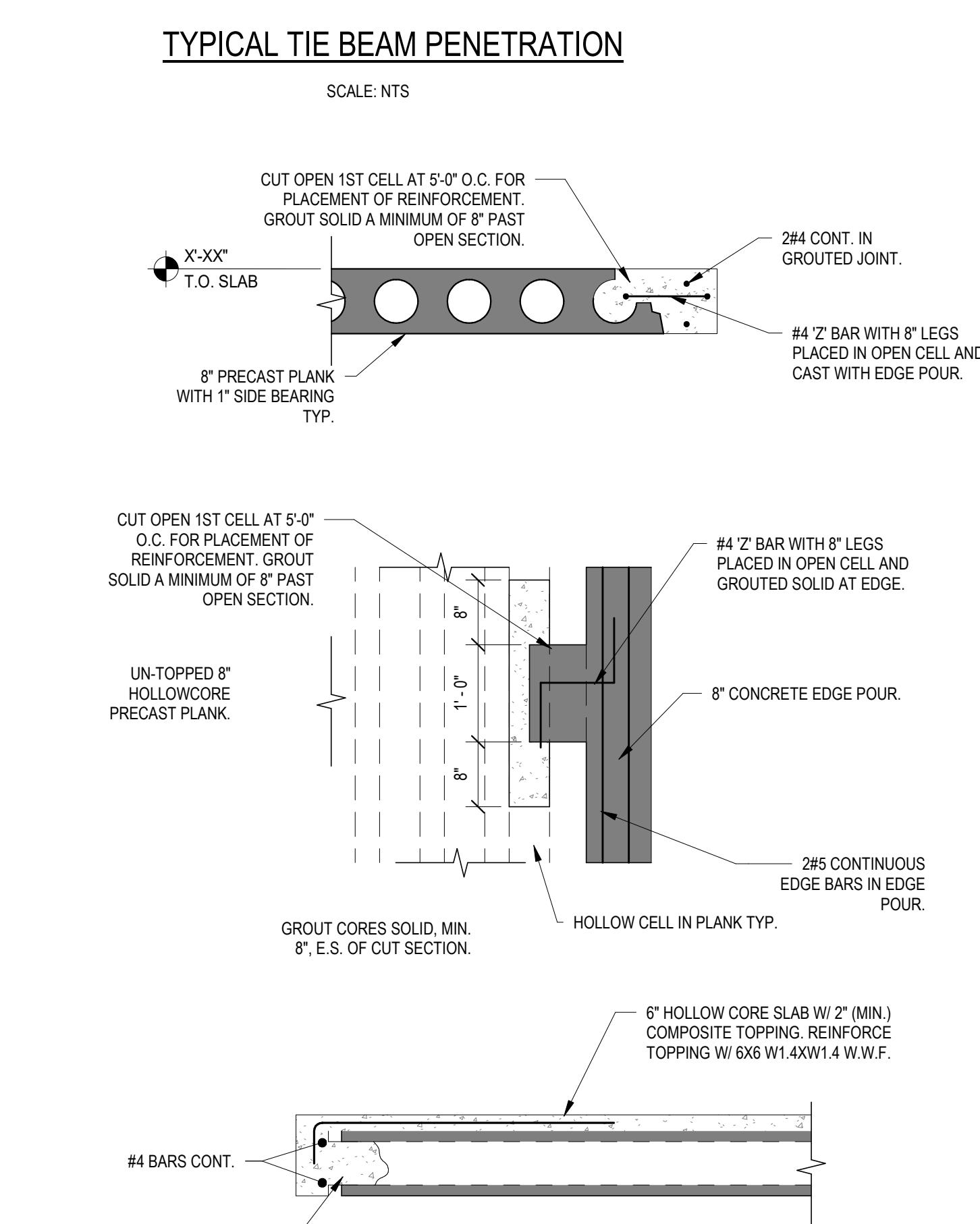
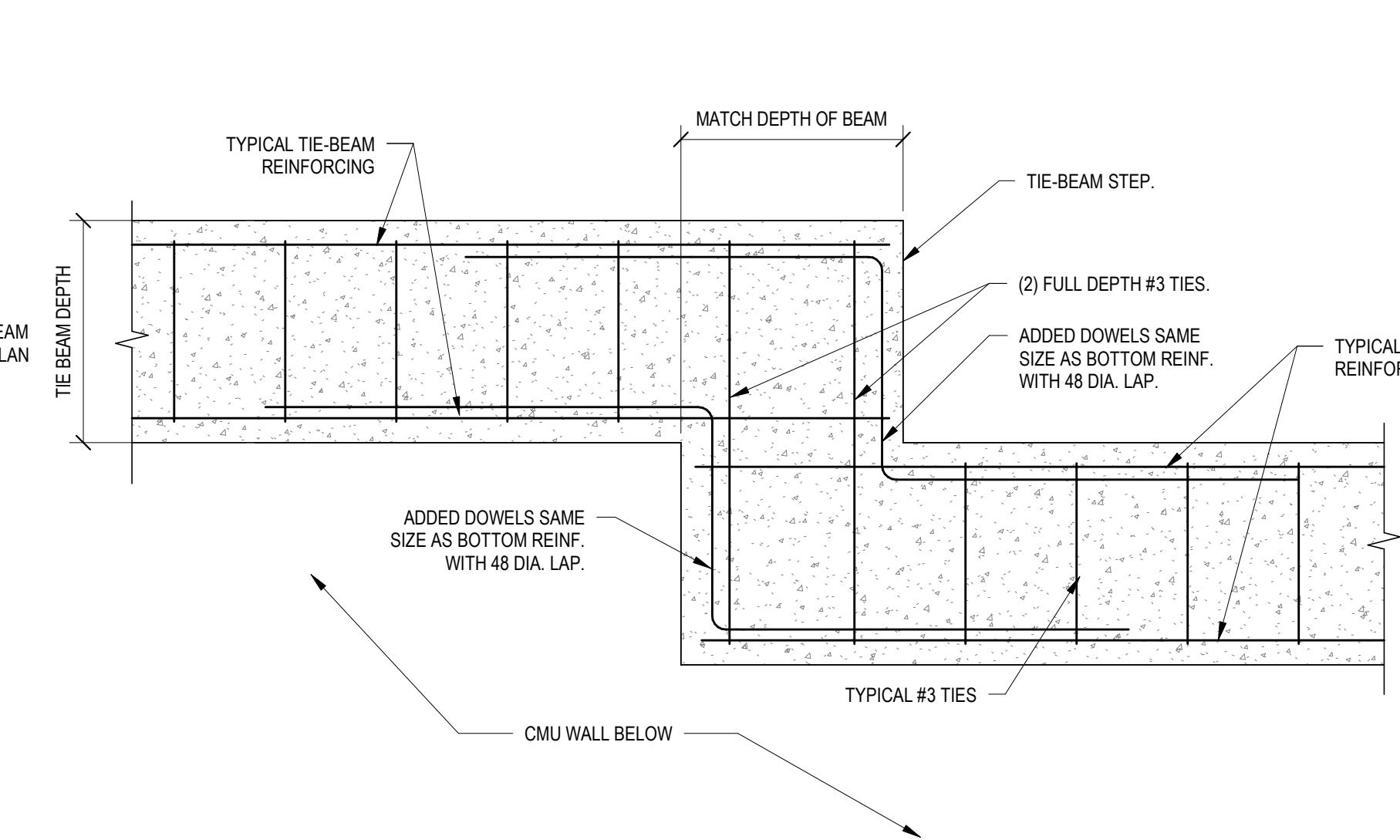
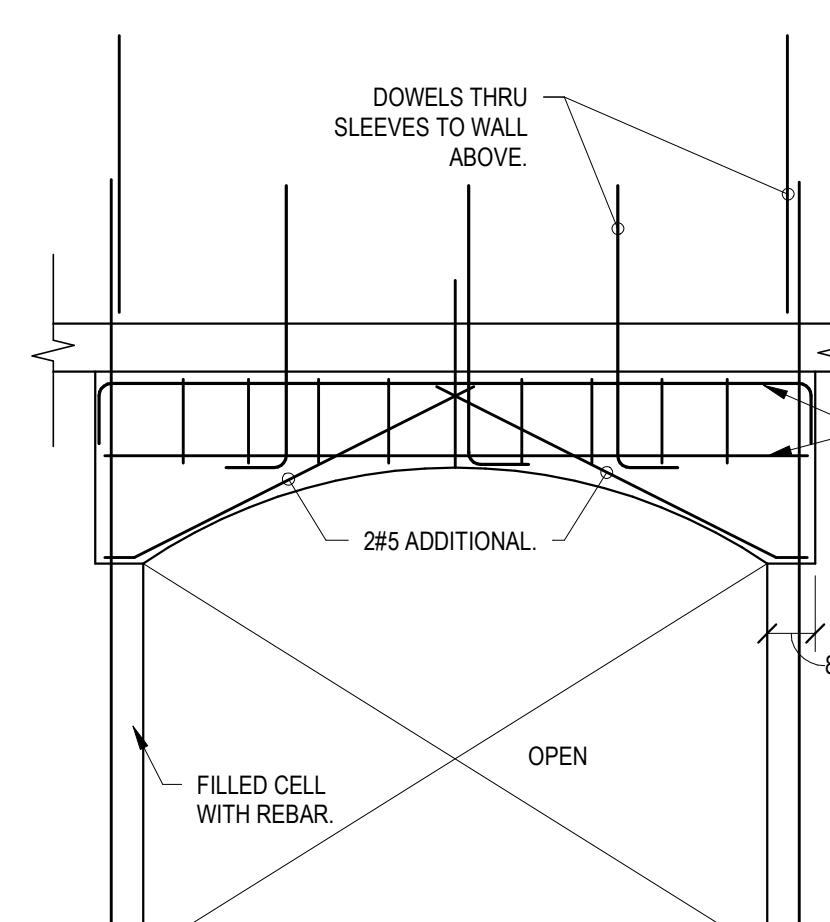
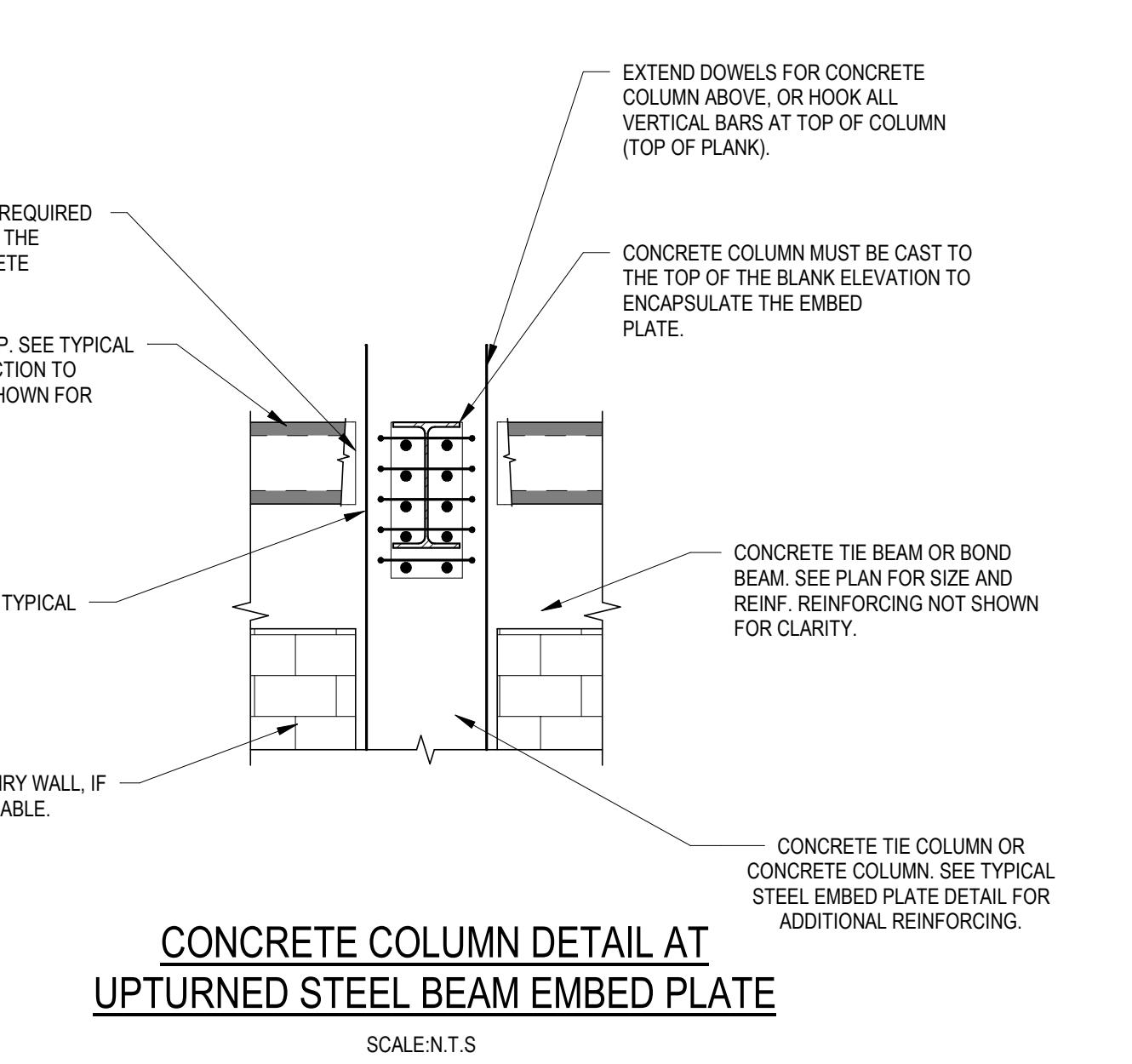
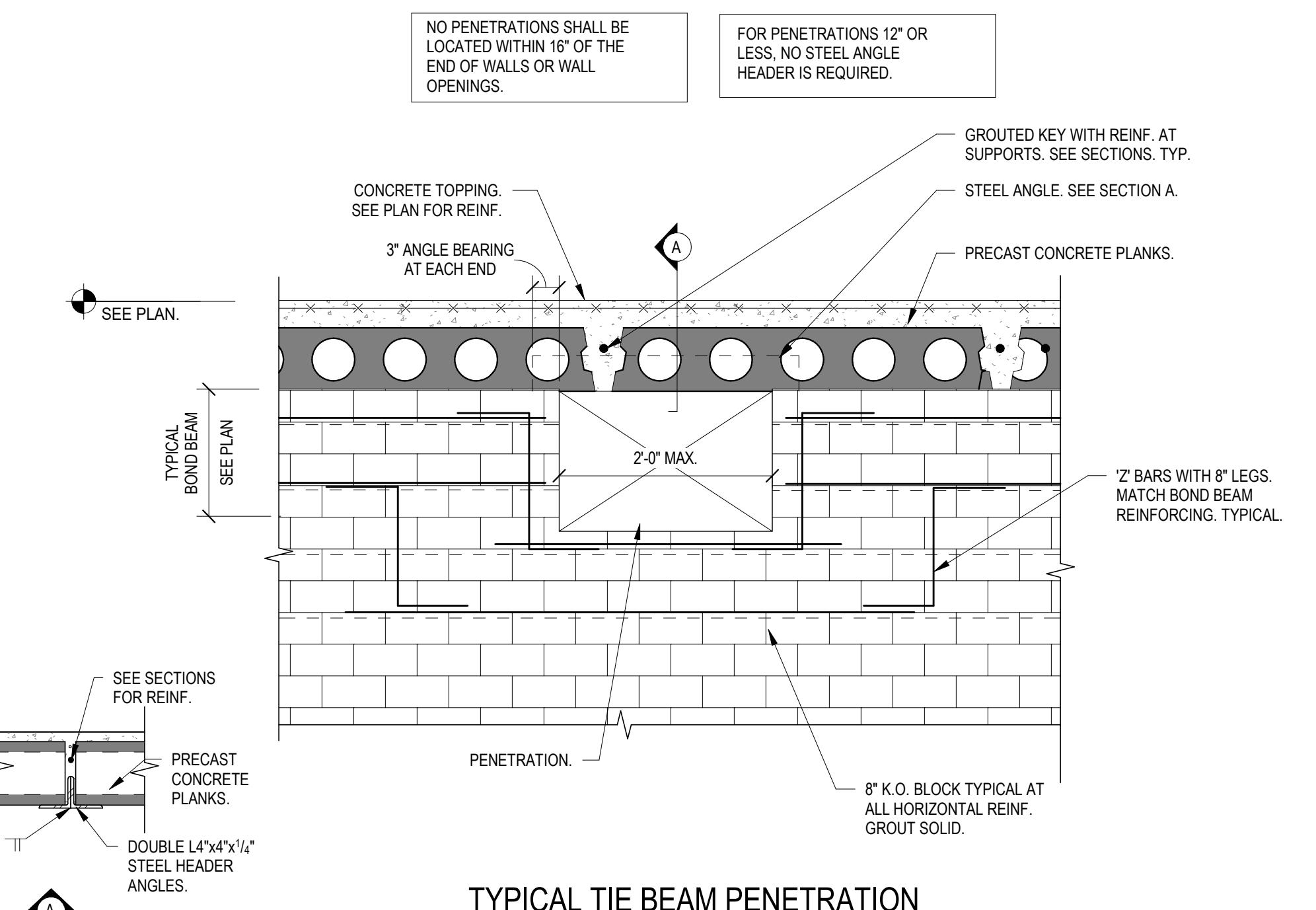
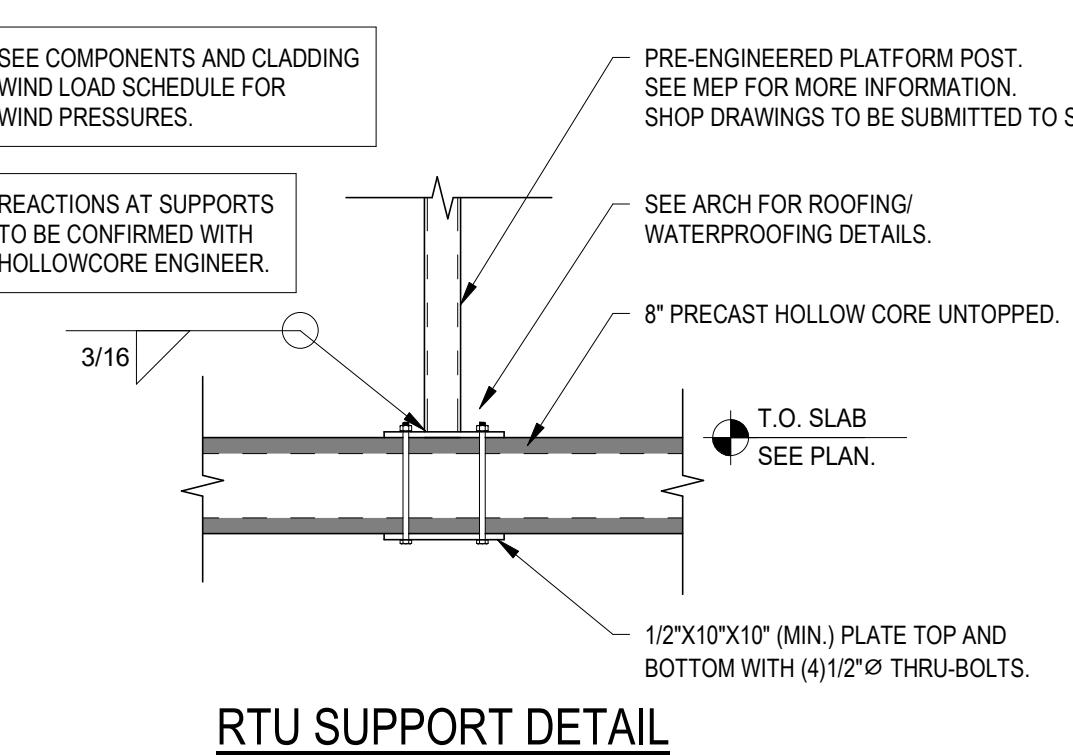
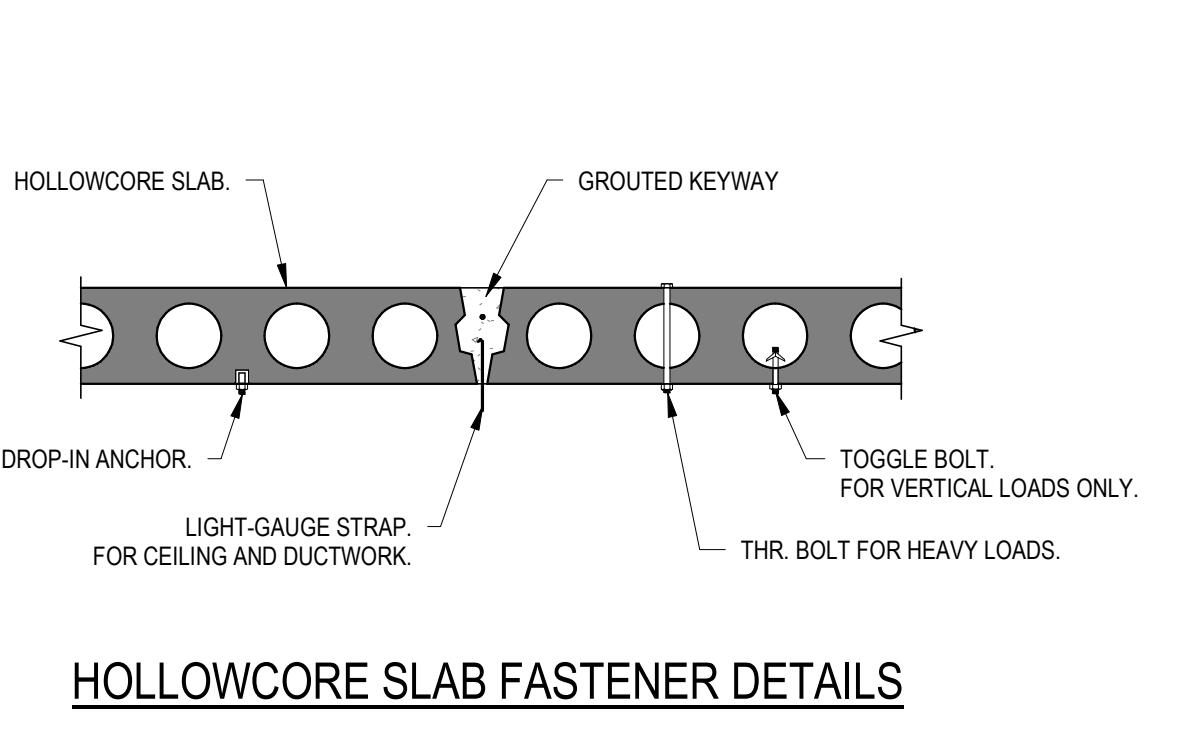
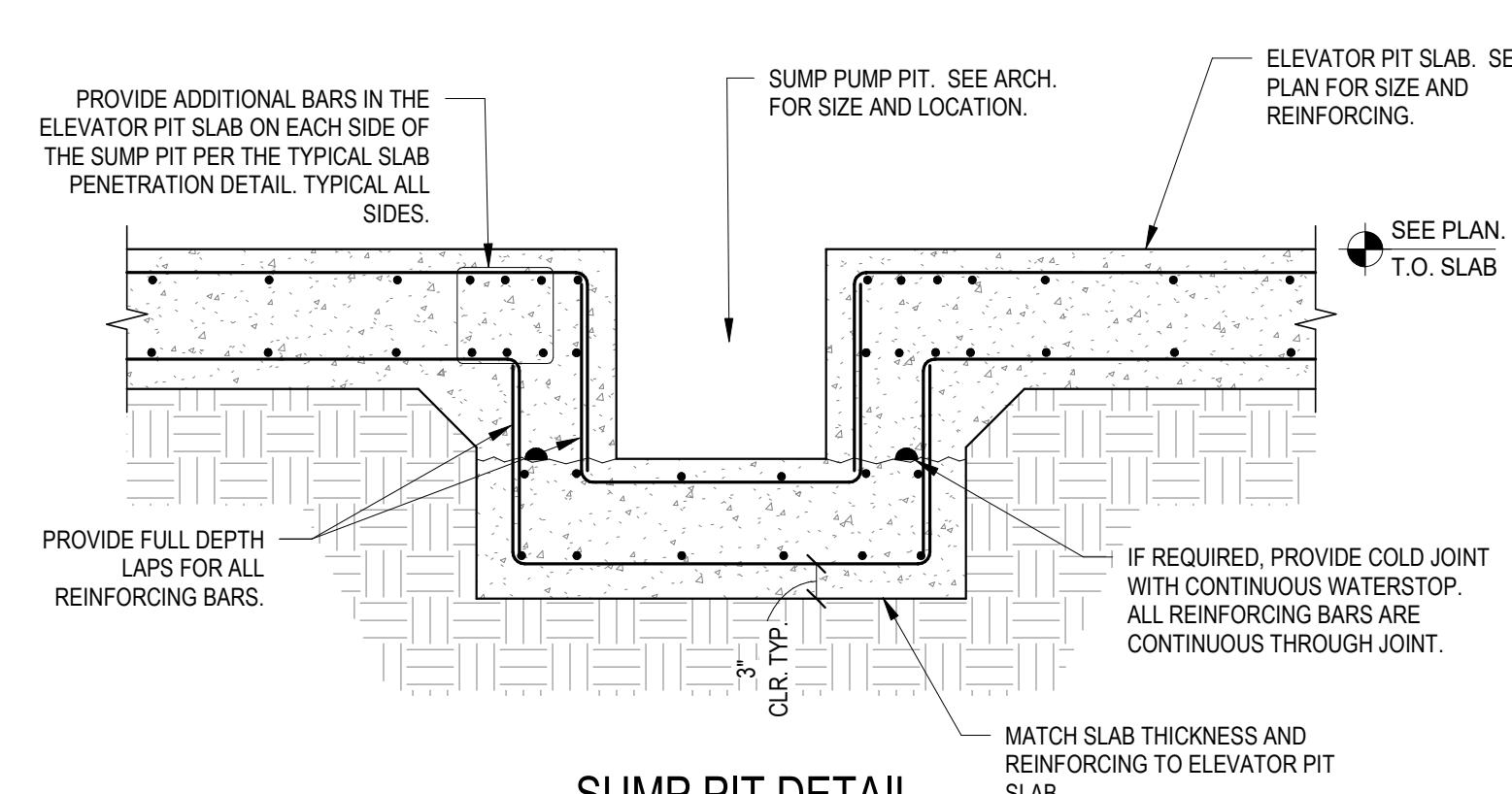
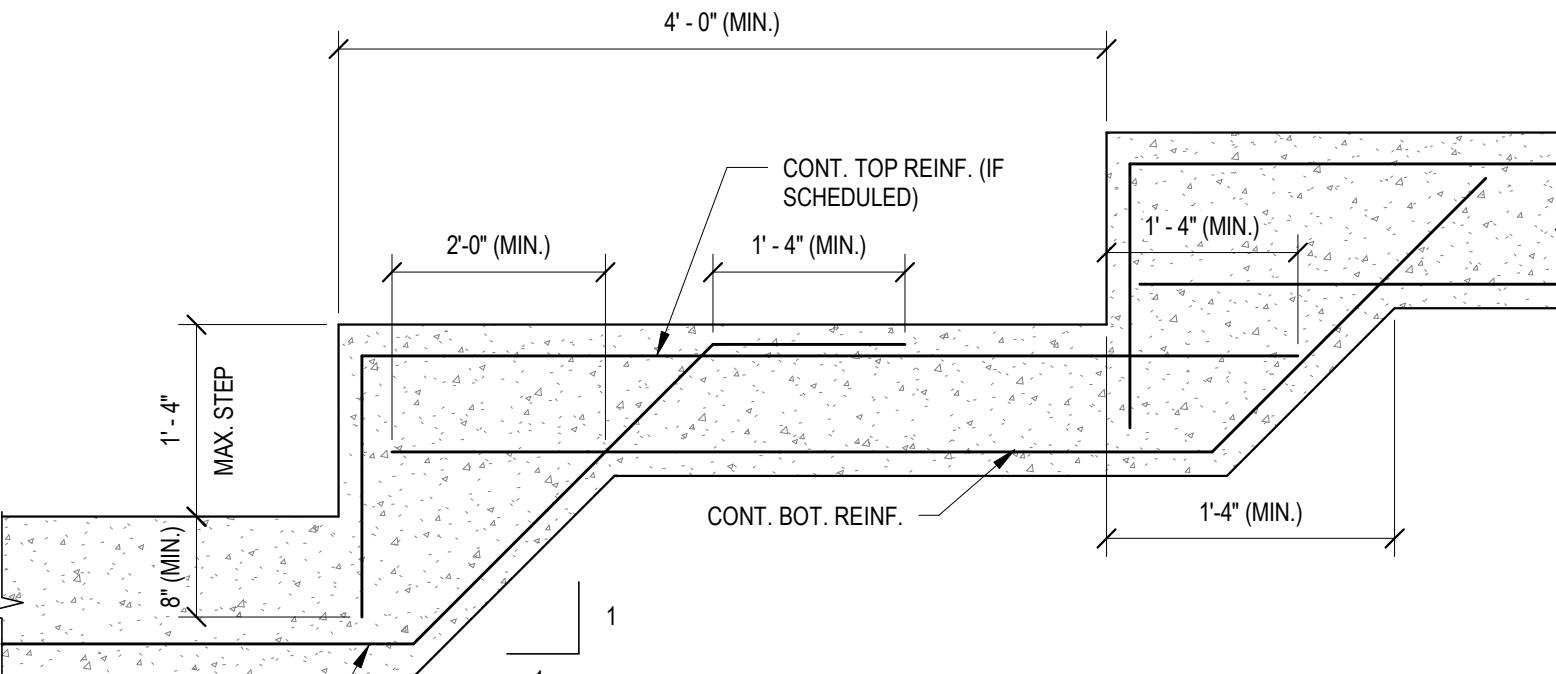
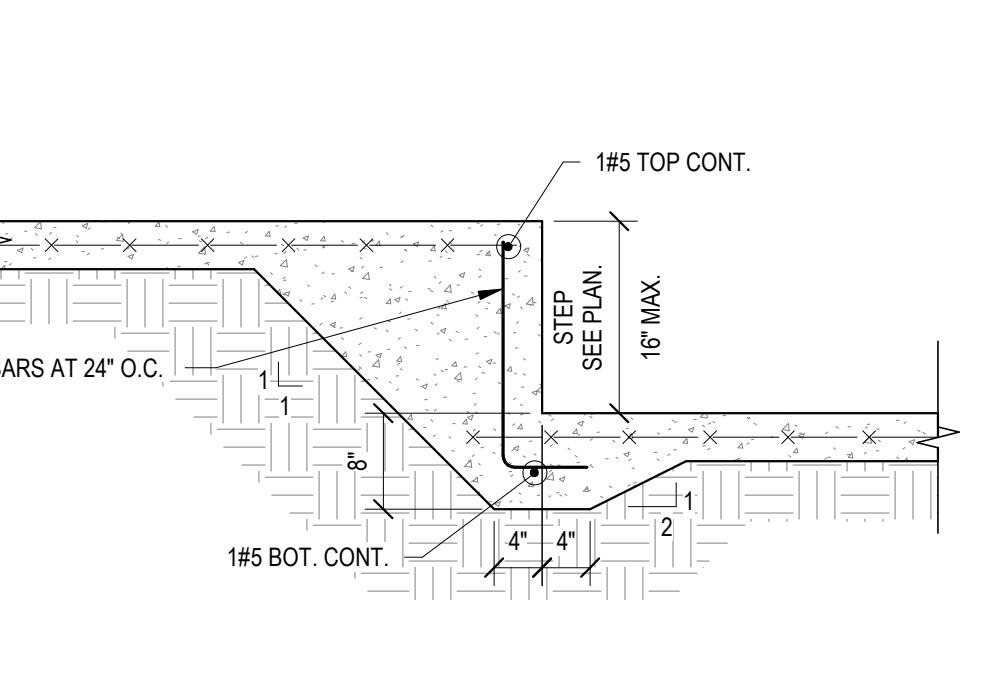
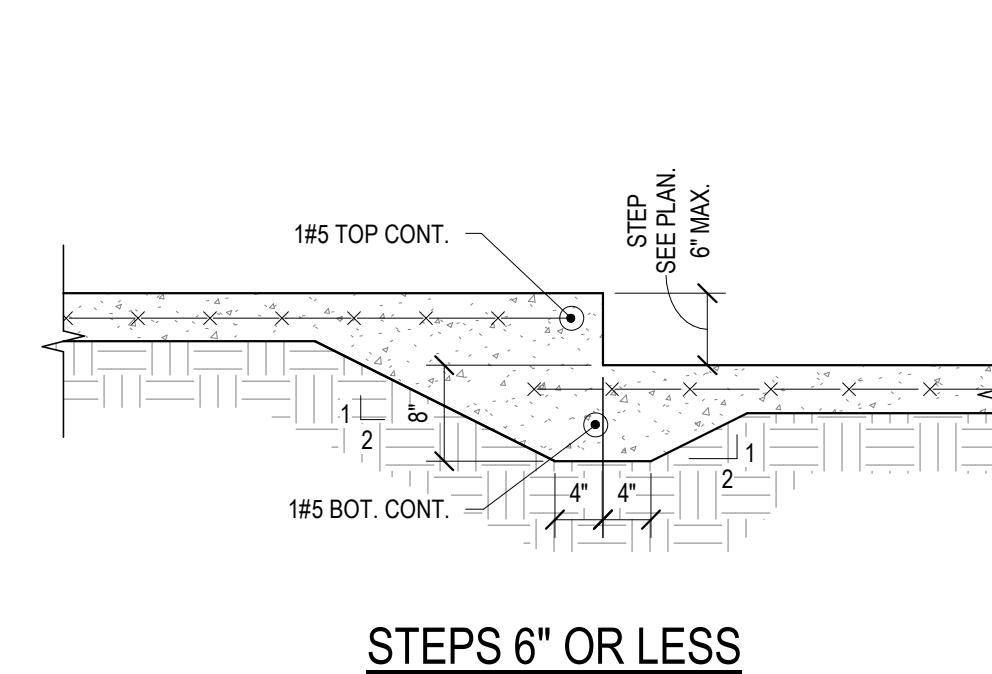
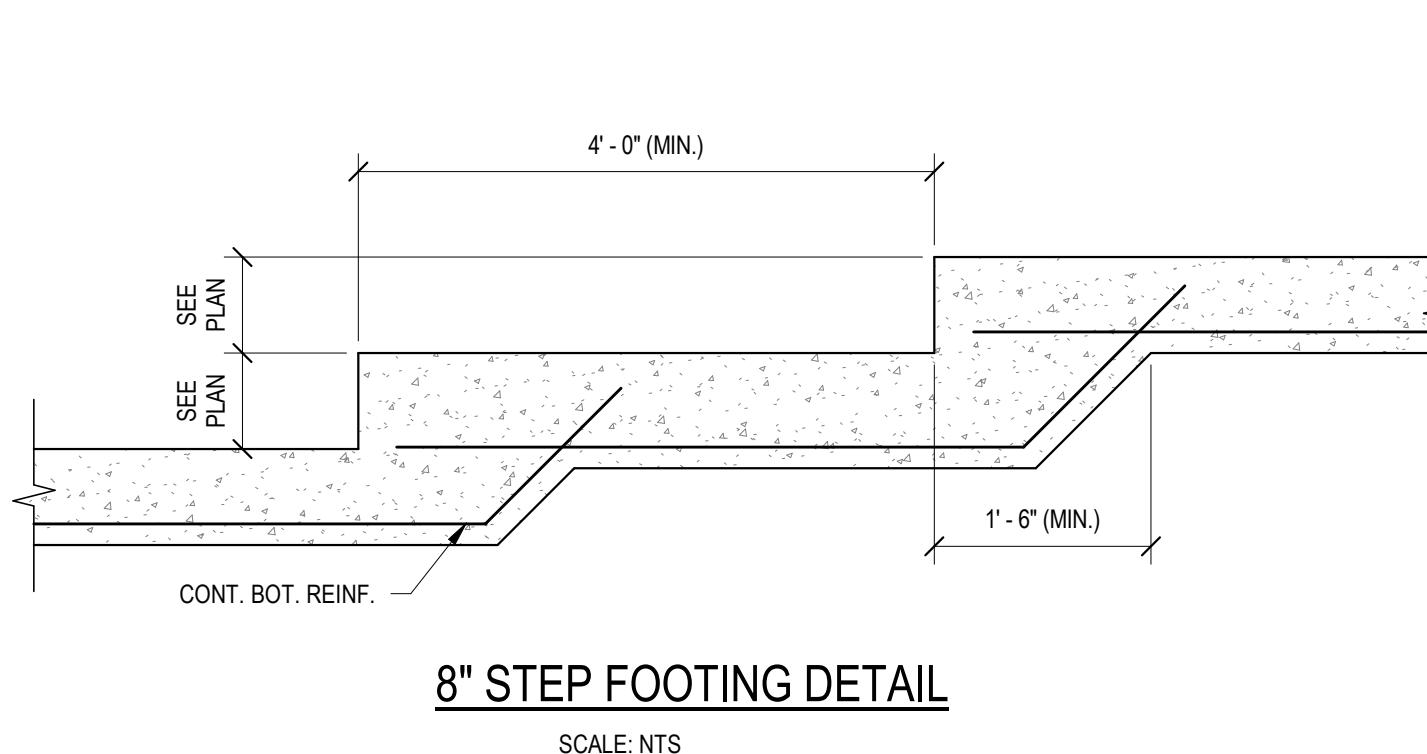
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DWELL DESIGN STUDIO	
ISSUED FOR CONSTRUCTION	

JOB NUMBER:	22037
DRAWN BY	BGN

CHECKED BY	EM
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S-300

BAR SIZE	TENSION (CLASS 'B') LAP SPLICE LENGTH						COMPRESSION LAP / SPLICE LENGTH	
	TOP BARS			OTHER BARS			ALL BARS	
3000 PSI	4000 PSI	5000 PSI	6000 PSI	3000 PSI	4000 PSI	5000 PSI	6000 PSI	ALL CONCRETE WITH $f_y = 3000 \text{ psi}$
#3	28	24	22	20	22	19	17	15</



TYPICAL EDGE CONDITION FOR HCP AT BALCONIES

SCALE: N.T.S.

ISSUE	DESCRIPTION	INCLUDES
03/29/2022	SCHEMATIC DESIGN	X
06/10/2022	DESIGN DEVELOPMENT	X
06/10/2022	DRWNS	X
01/13/2023	GMP PERMIT	X
01/13/2023	ADD. FOUNDATION PERMIT	X
03/01/2023	STRUCTURAL GARDEN IFC	X
03/19/2024	STRUCTURAL BLD PRECAST IFC	X
04/10/2024	STRUCTURAL BLD CONCRETE IFC	X

REVISION	DATE ISSUED	DESCRIPTION	RE
04/10/2024	ISSUED FOR CONSTRUCTION		0

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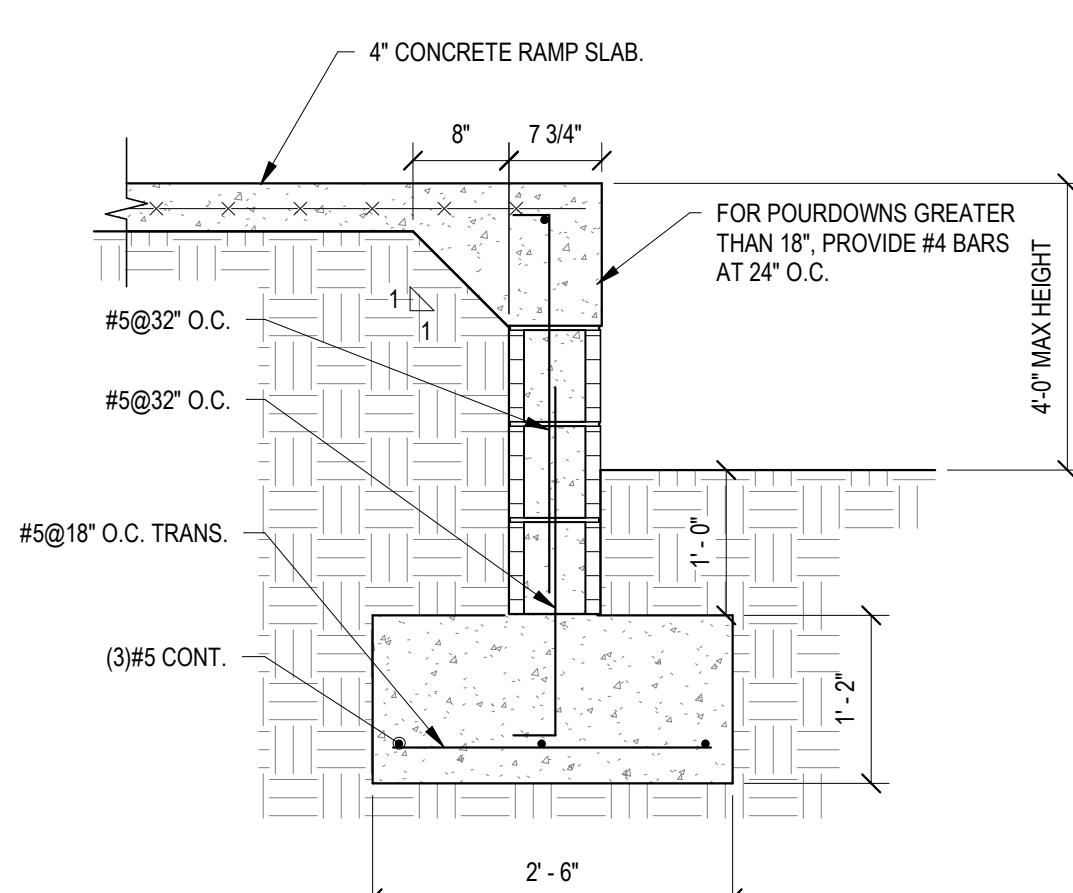
JOB NUMBER: 22037

DRAWN BY: BGN

CHECKED BY: EM

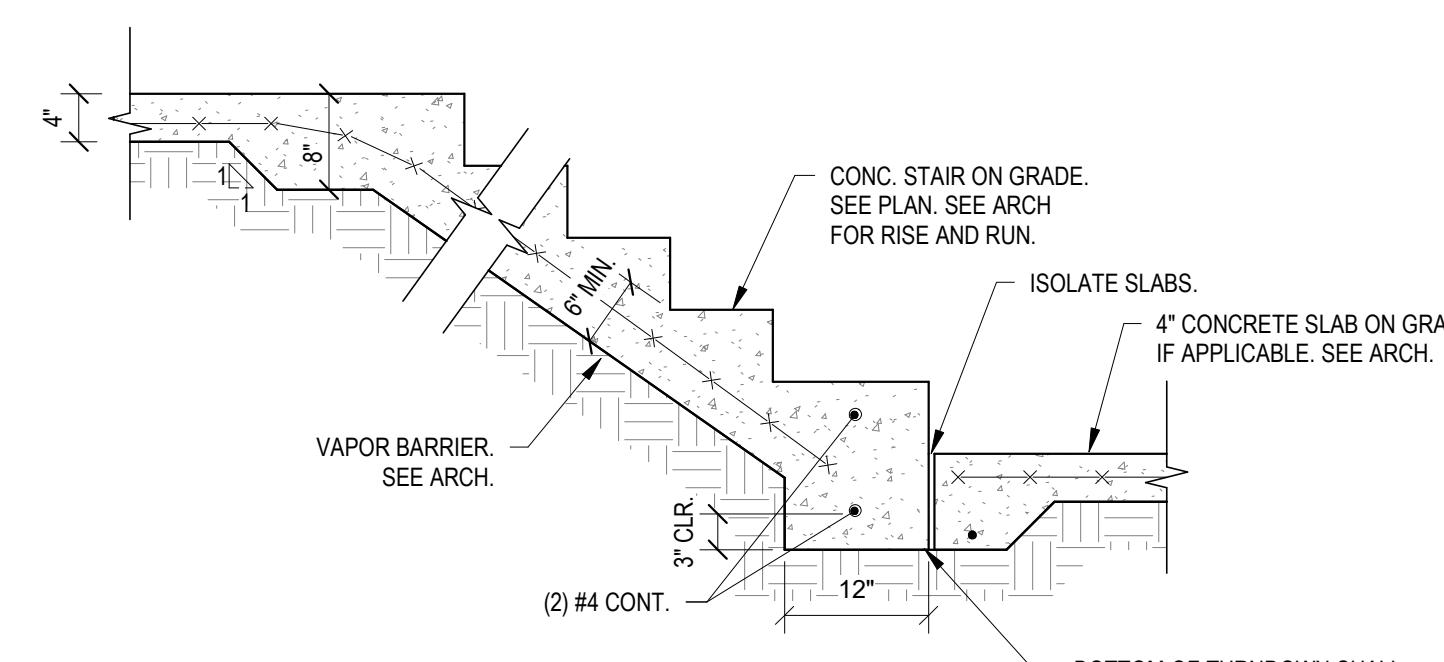
S-301





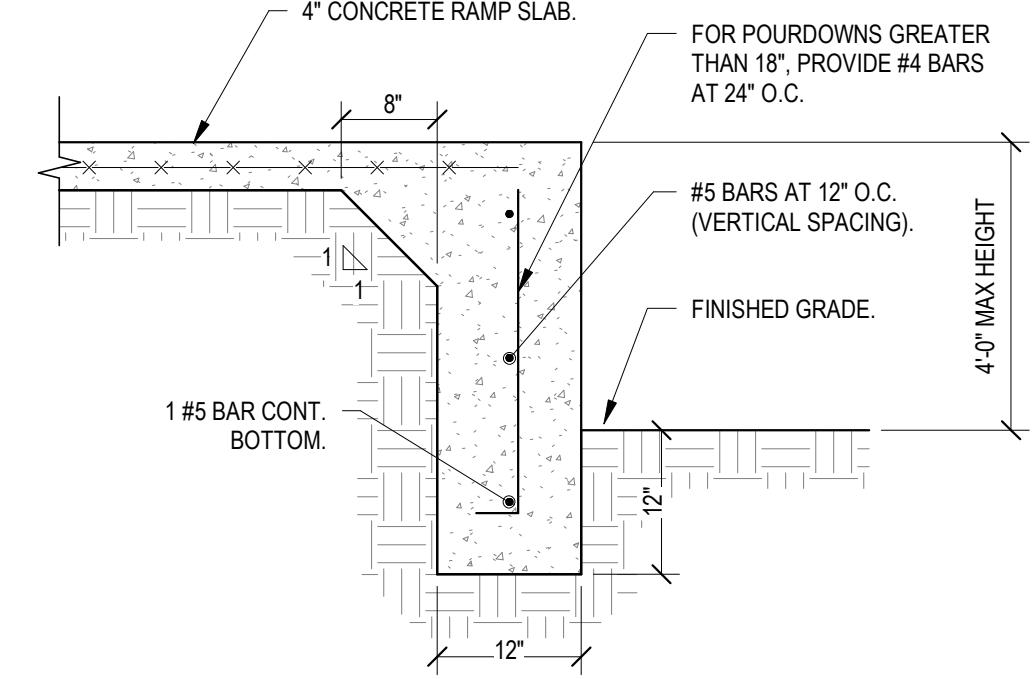
TYPICAL RAMP / LOW RETAINING WALL DETAIL

SCALE: N.T.S.



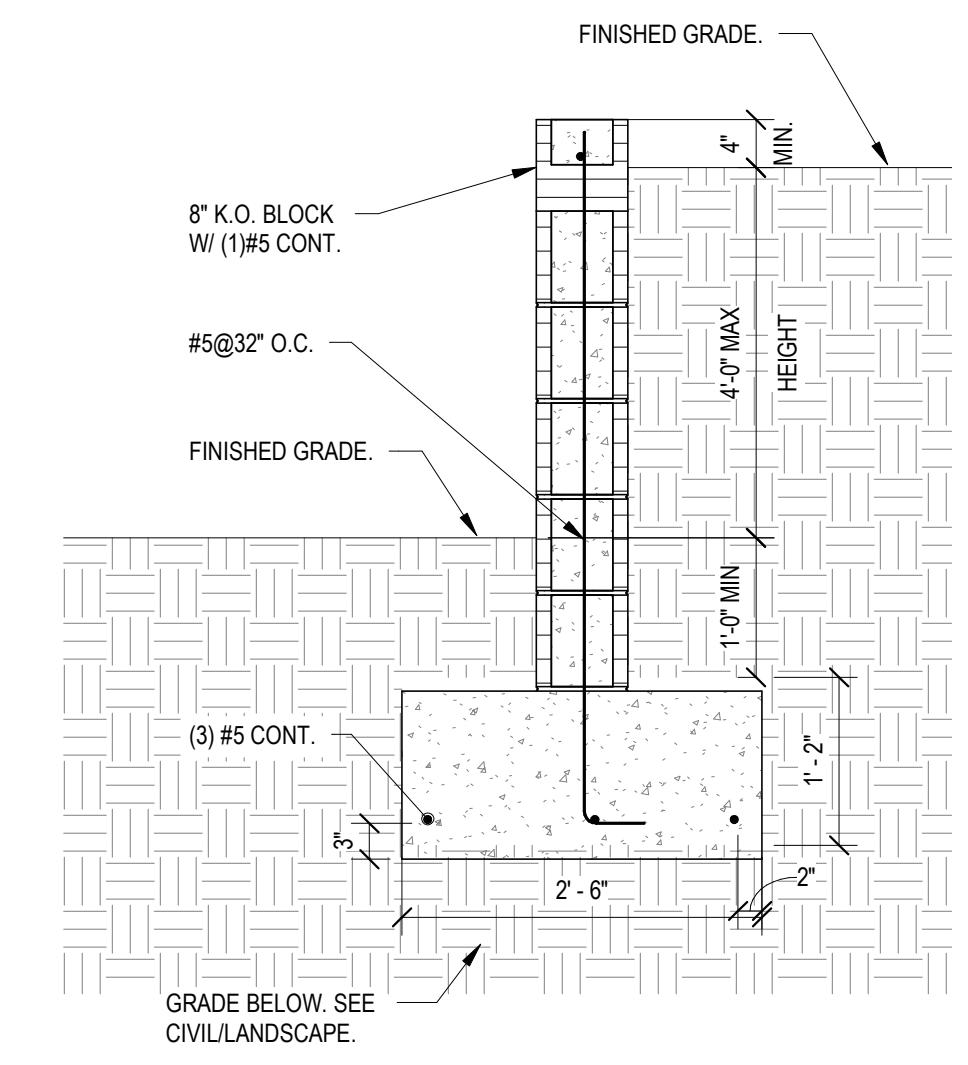
TYPICAL STAIR ON GRADE DETAIL

SCALE: N.T.S.



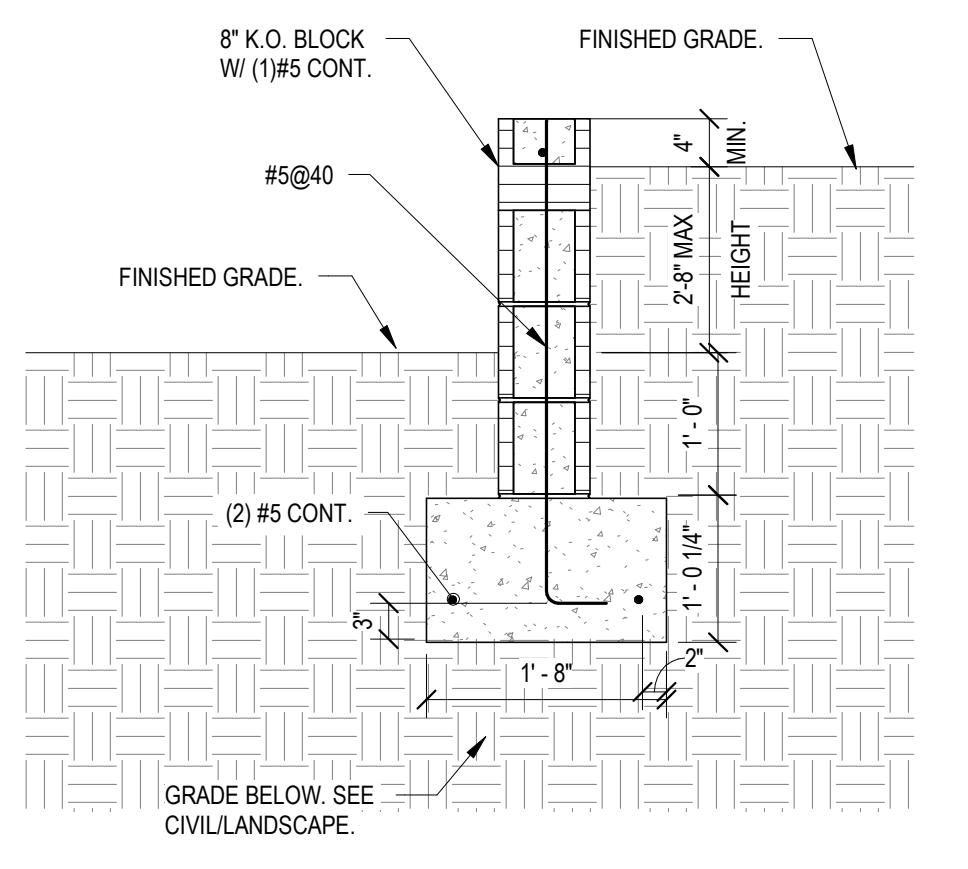
TYPICAL RAMP / LOW RETAINING WALL DETAIL

SCALE: N.T.S.



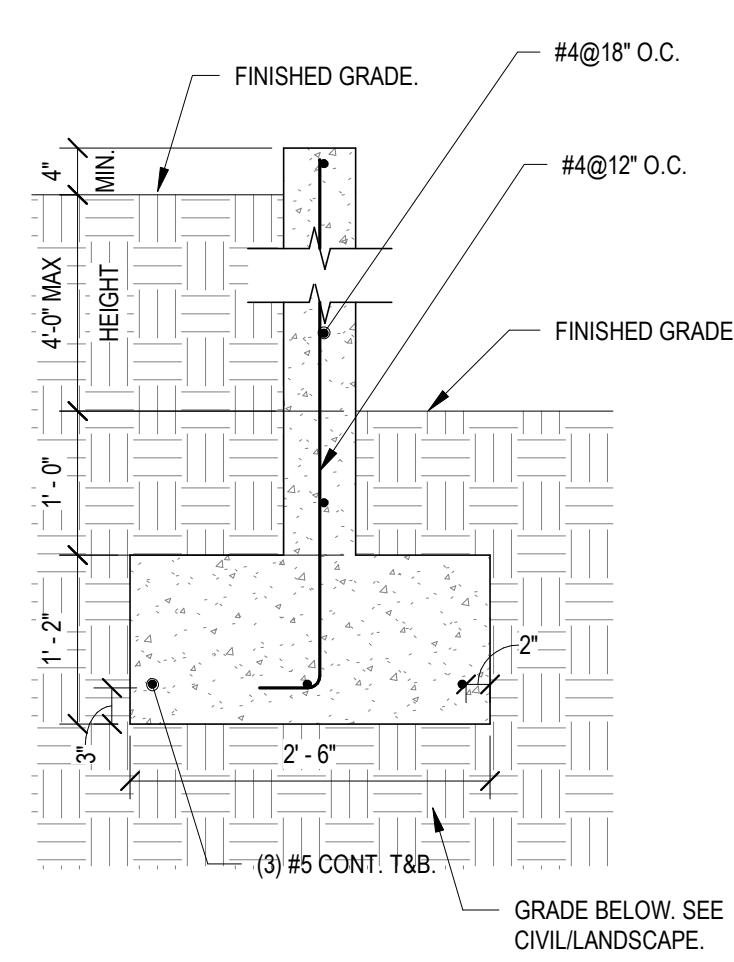
TYPICAL RETAINING HIGH WALL DETAIL

SCALE: N.T.S.



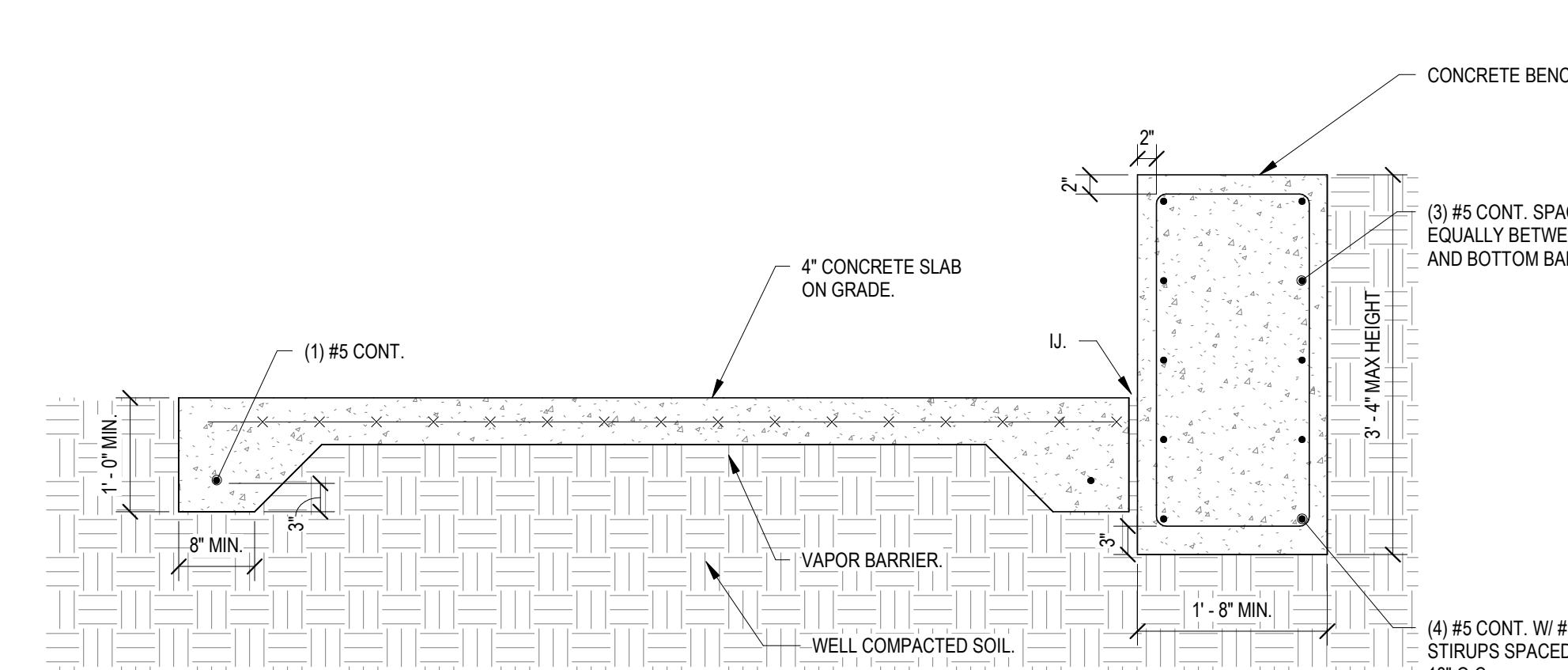
TYPICAL RETAINING LOW WALL DETAIL

SCALE: N.T.S.



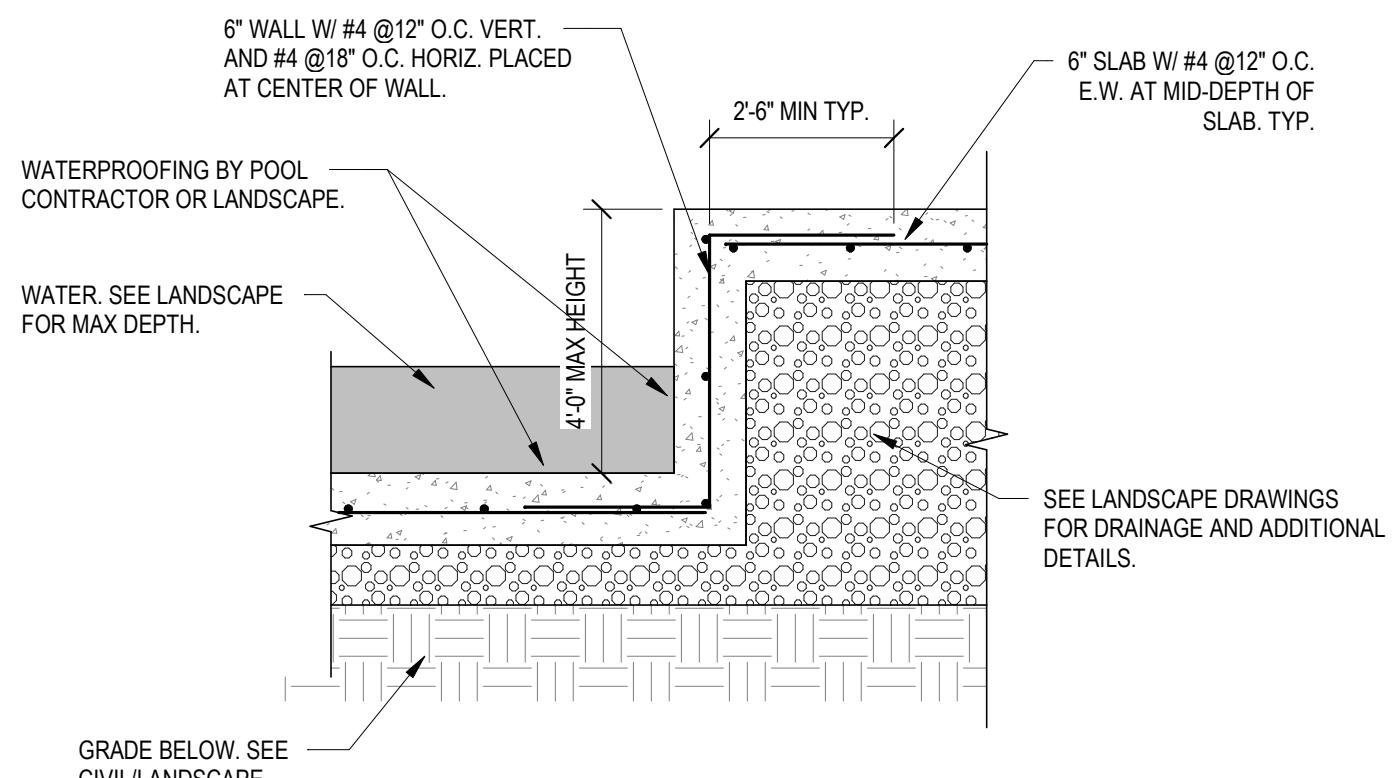
TYPICAL PLANTER WALL DETAIL

SCALE: N.T.S.



TYPICAL BENCH INTEGRATED WITH SOG DETAIL

SCALE: N.T.S.



TYPICAL WATER FEATURE WALL DETAIL

SCALE: N.T.S.

LANDSCAPE TYPICAL DETAIL NOTES:

1. A CONCRETE STRENGTH AT 28 DAYS SHALL BE 3000 PSI FOR ALL LANDSCAPE FOUNDATIONS, WALLS AND SLABS. CONCRETE CONSTRUCTION SHALL MEET ALL REQUIREMENTS FOUND IN STRUCTURAL NOTES.
2. REFER TO STRUCTURAL NOTES FOR REINFORCEMENT CLEAR COVER FOR ALL CONCRETE FOUNDATIONS, WALLS AND SLABS.
3. REFER TO TYPICAL DETAILS FOR LAP LENGTH AND HOOK LENGTH FOR REINFORCEMENT.
4. CONTRACTOR TO NOTIFY E.O.R IF WALL HEIGHT EXCEED VALUE SHOWN IN TYPICAL DETAILS.

ISSUE DATE	DESCRIPTION	INCLUDES
03/29/2022	SCHEMATIC DESIGN	X
06/10/2022	DESIGN DEVELOPMENT	X
06/10/2022	DRY FLOOR LAYOUT	X
01/13/2023	GMP PERMIT	X
01/13/2023	AD 2 FOUNDATION PERMIT	X
03/01/2023	AD 2 FOUNDATION IFC	X
03/01/2023	AD 2 FOUNDATION GARDEN IFC	X
03/19/2024	STRUCTURAL BLD PRECAST IFC	X
04/05/2024	STRUCTURAL BLD PRECAST IFC	X

REVISION DATE	DESCRIPTION	REV

8/23/2024 3:32:20 PM
ENGINEER OF RECORD
Cordell S. Van Nostrand
FL P.E. # 67580

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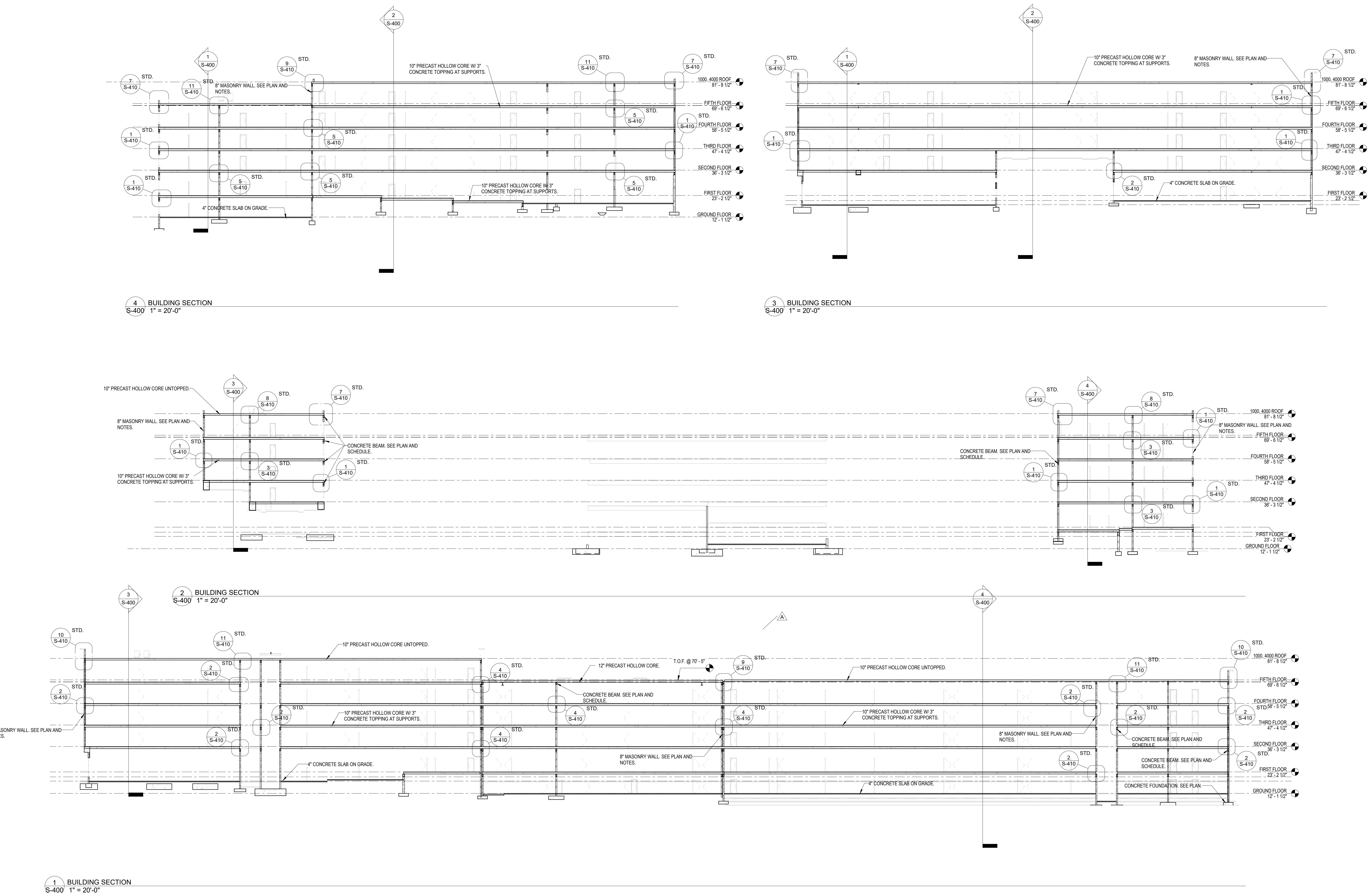
LANDSCAPE TYPICAL DETAIL

ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

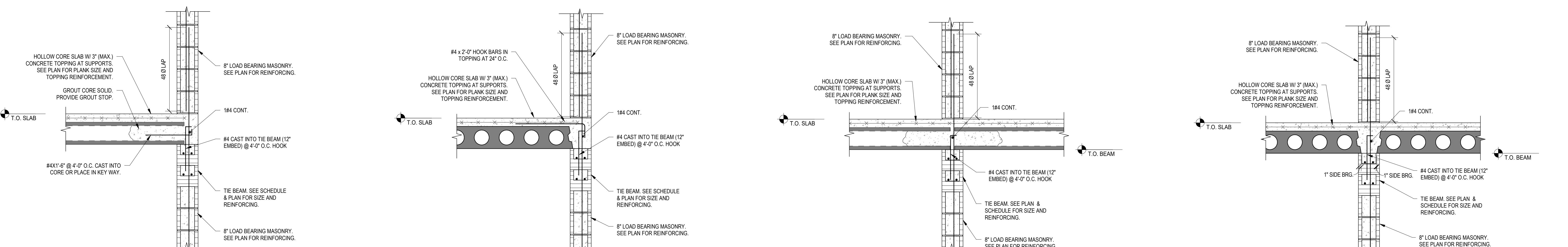
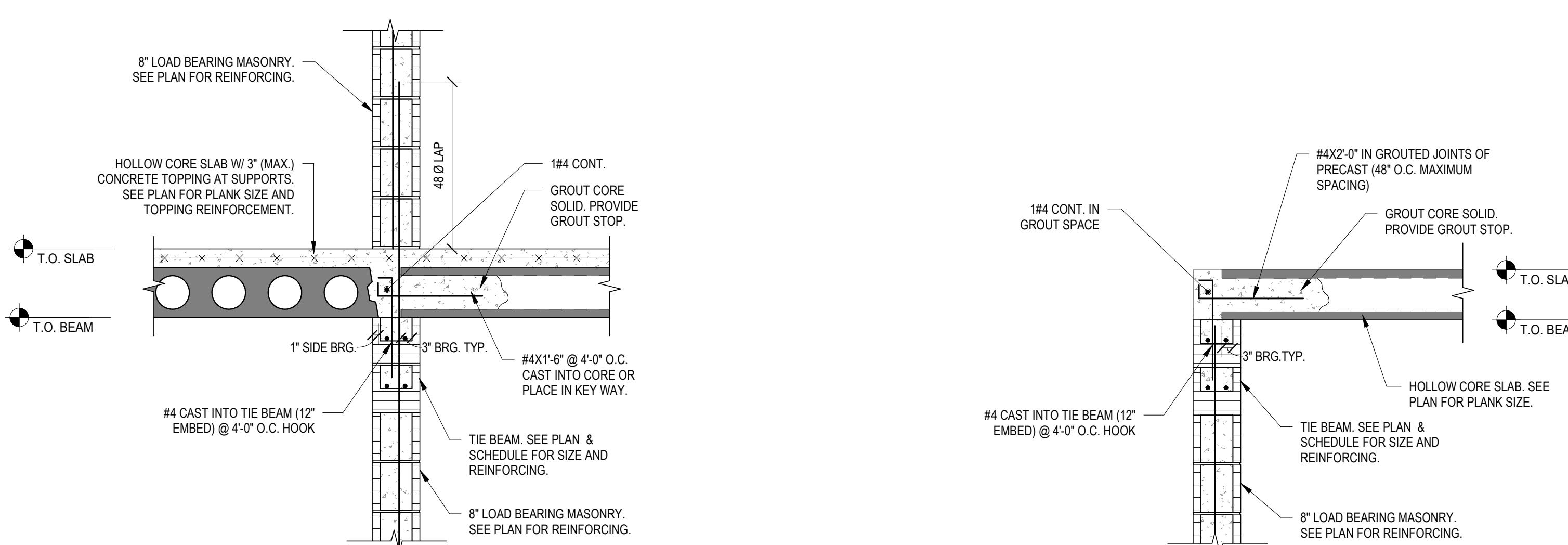
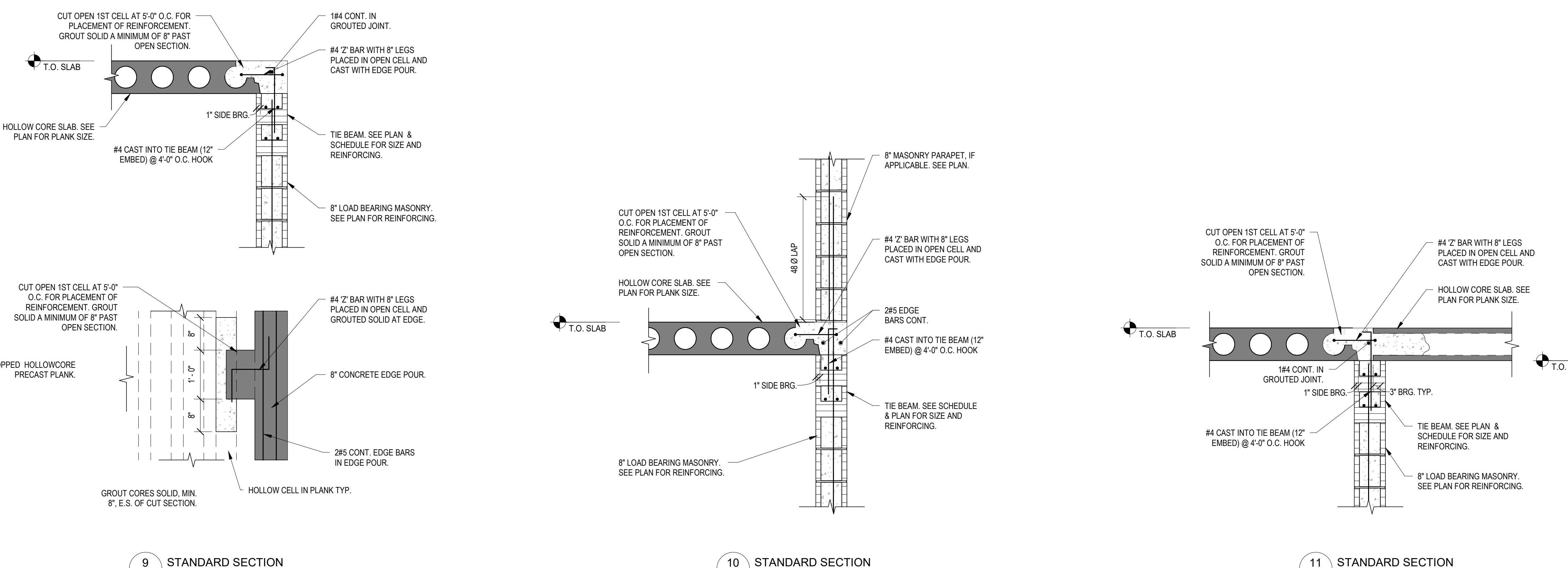
DRAWN BY: BGN
CHECKED BY: EM

8-302



1 BUILDING SECTION
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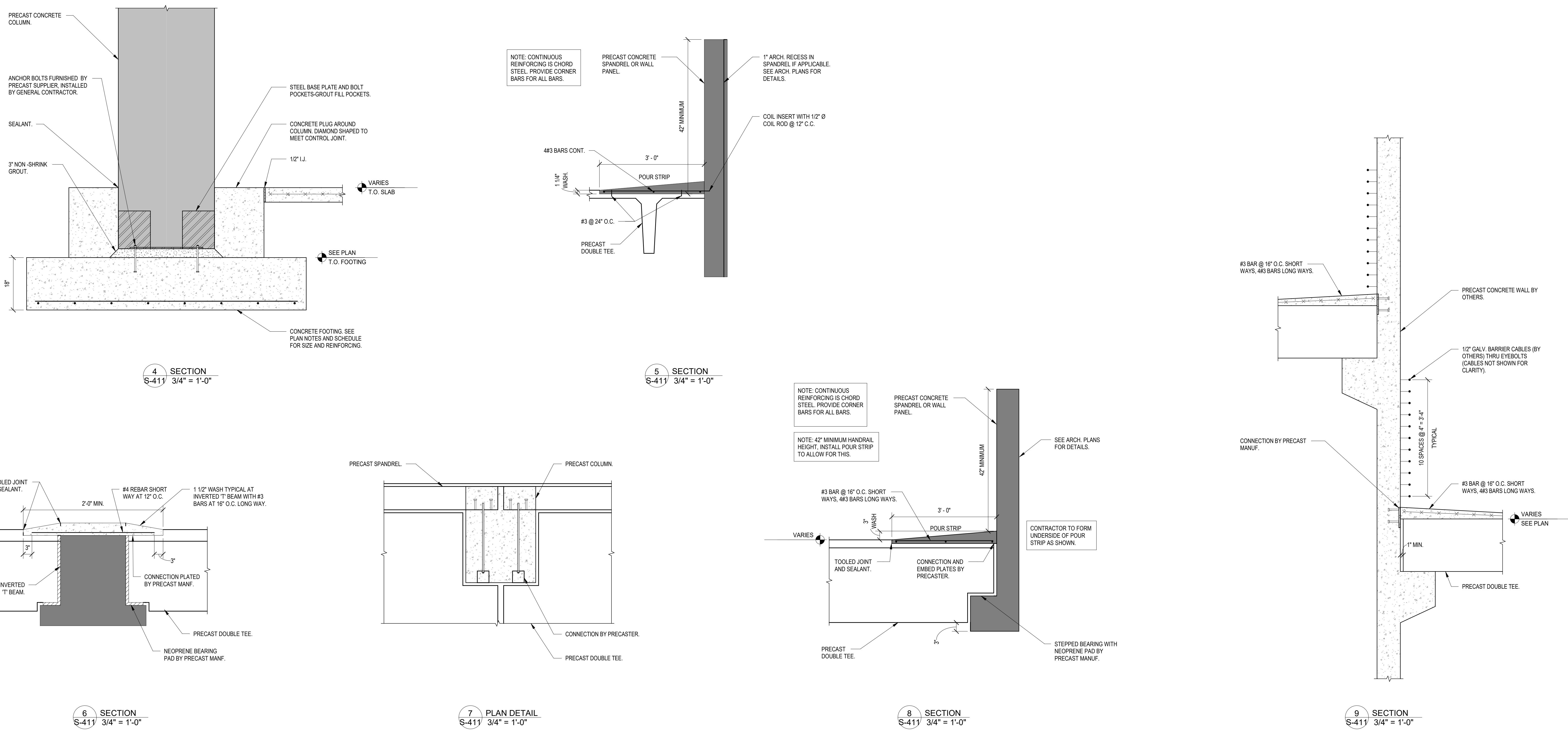
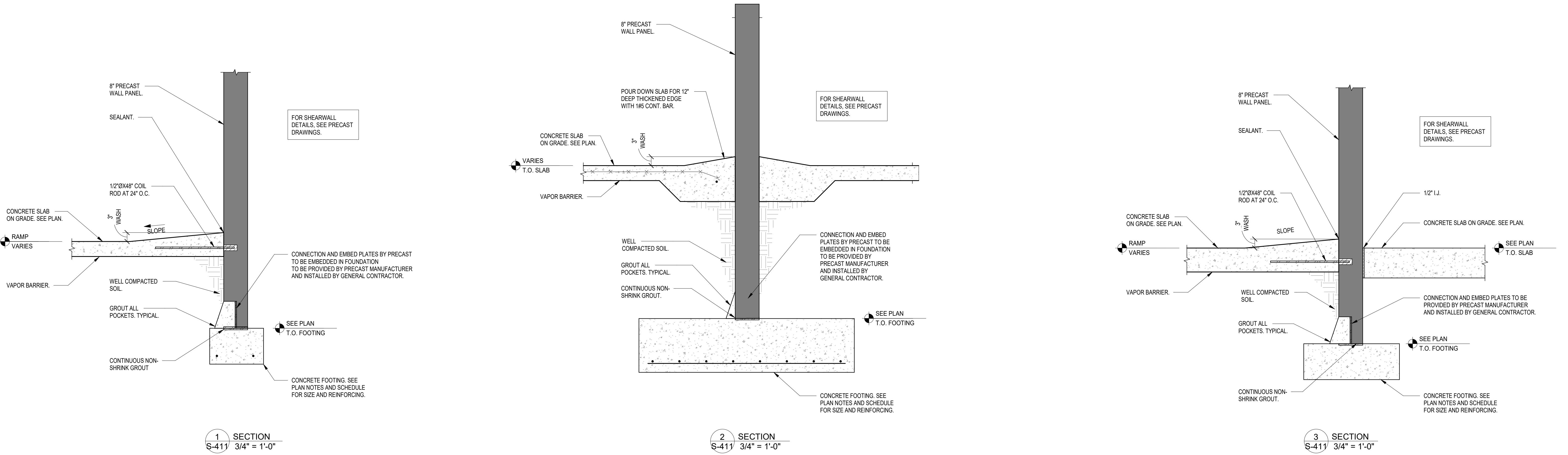
SARASOTA BAYSIDE

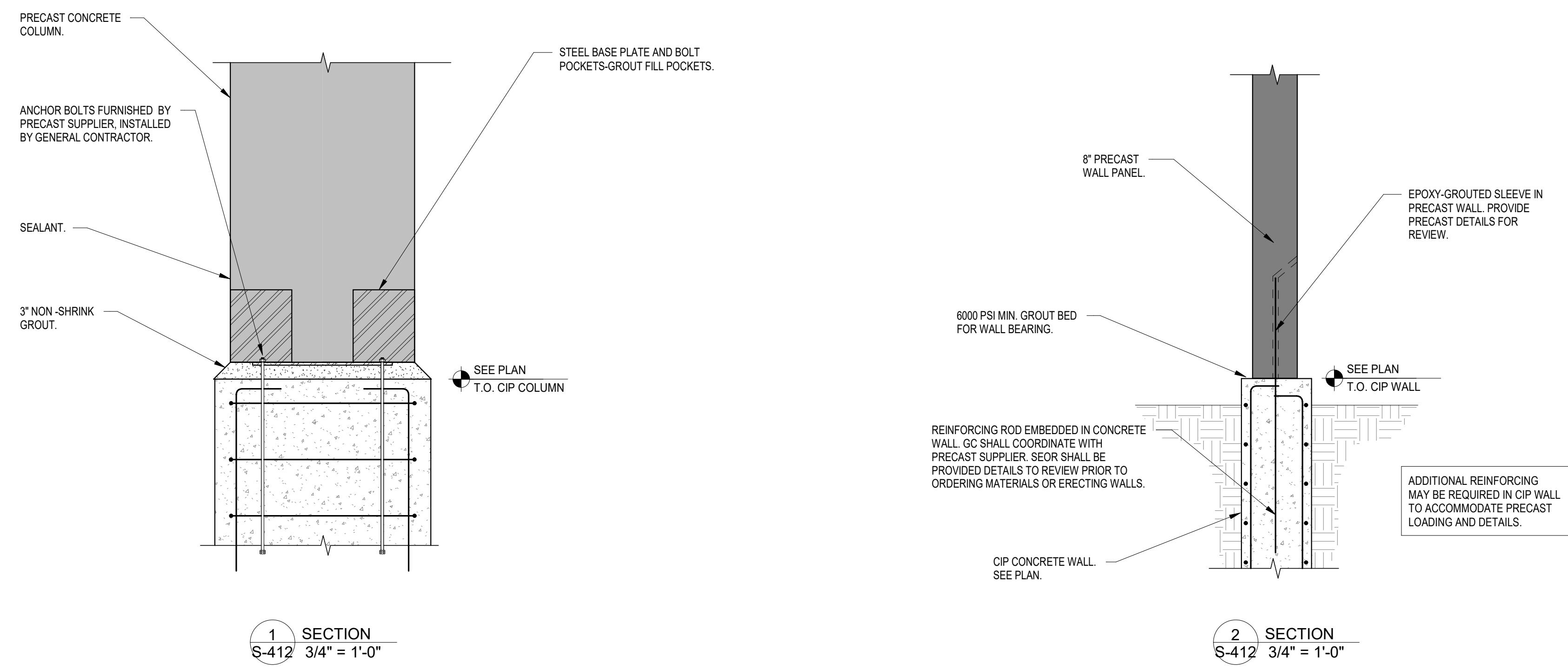
800 COCONUT AVE,
SARASOTA, FL 342361 STANDARD SECTION
S-410 3/4" = 1'-0"2 STANDARD SECTION
S-410 3/4" = 1'-0"3 STANDARD SECTION
S-410 3/4" = 1'-0"4 STANDARD SECTION
S-410 3/4" = 1'-0"5 STANDARD SECTION
S-410 3/4" = 1'-0"6 STANDARD SECTION
S-410 3/4" = 1'-0"7 STANDARD SECTION
S-410 3/4" = 1'-0"8 STANDARD SECTION
S-410 3/4" = 1'-0"9 STANDARD SECTION
S-410 3/4" = 1'-0"10 STANDARD SECTION
S-410 3/4" = 1'-0"11 STANDARD SECTION
S-410 3/4" = 1'-0"NOTES:
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ENGINEER OF RECORD
Cordell S. Van Neststrand
FL P.E. # 67580DWELL DESIGN STUDIO, INC.
100 E PINE STREET
SUITE 200
ORLANDO, FL 32801
PHONE: 321.361.6800
dwelldesignstudio.com

S-410





ISSUE	DESCRIPTION	INCLUDES
03/29/2022	SCHEMATIC DESIGN	X
06/12/2022	DESIGN DEVELOPMENT	X
06/12/2022	CDR APPROVAL	X
01/13/2023	GMP PERMIT	X
03/12/2023	ADD. 1 FOUNDATION PERMIT	X
07/12/2023	ADD. 2 FOUNDATION PERMIT	X
03/12/2024	STRUCTURAL BLDG PERMIT IFC	X
04/12/2024	STRUCTURAL BLDG PERMIT IFC	X
05/12/2024	STRUCTURAL BLDG PERMIT IFC	X

REVISION	DATE	DESCRIPTION	REV

8/23/2024 3:32:31 PM
ENGINEER OF RECORD
Cordell S. Van Nestrand
FL P.E. # 67580

NOVEMBER
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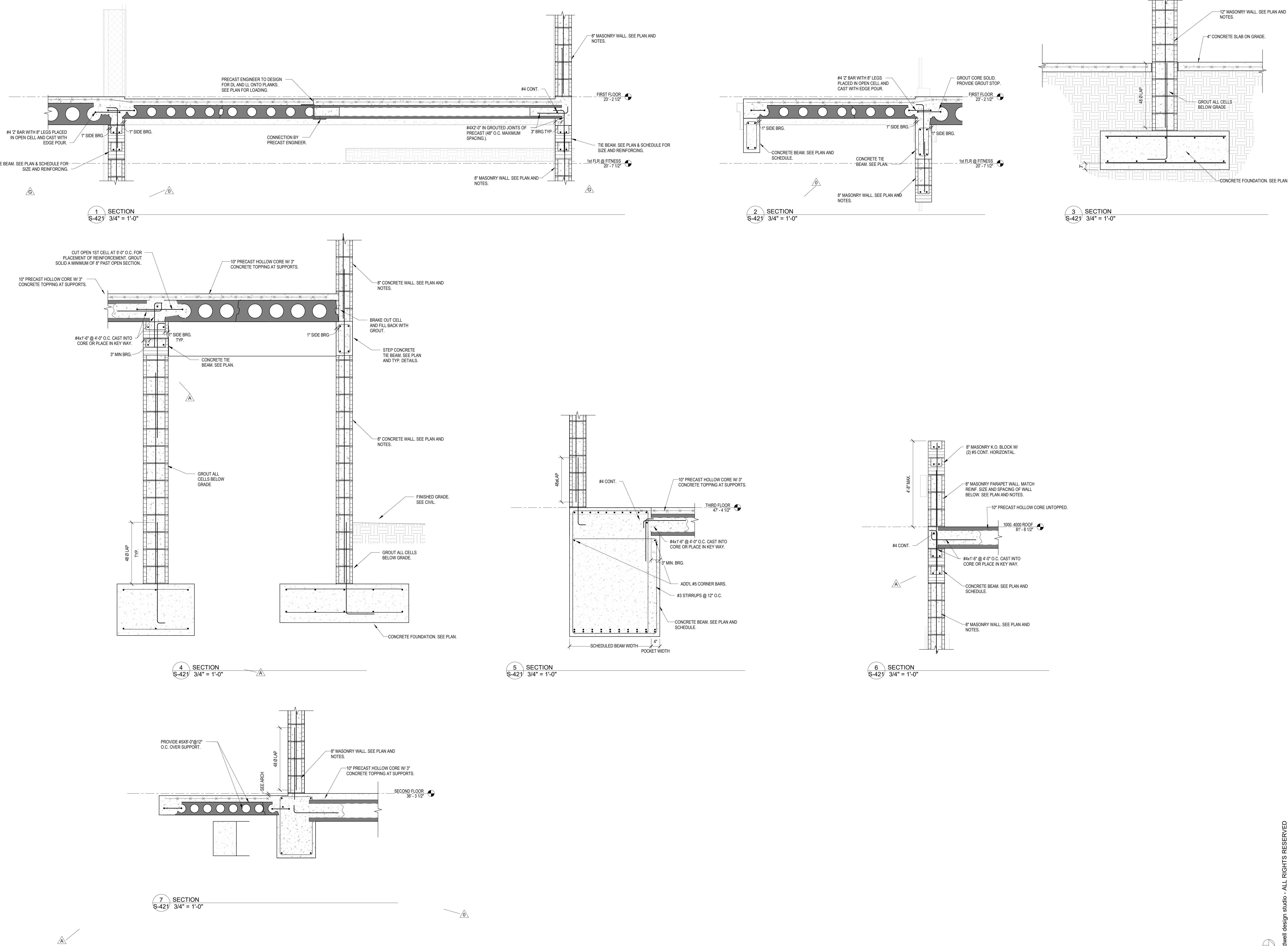
STANDARD SECTIONS

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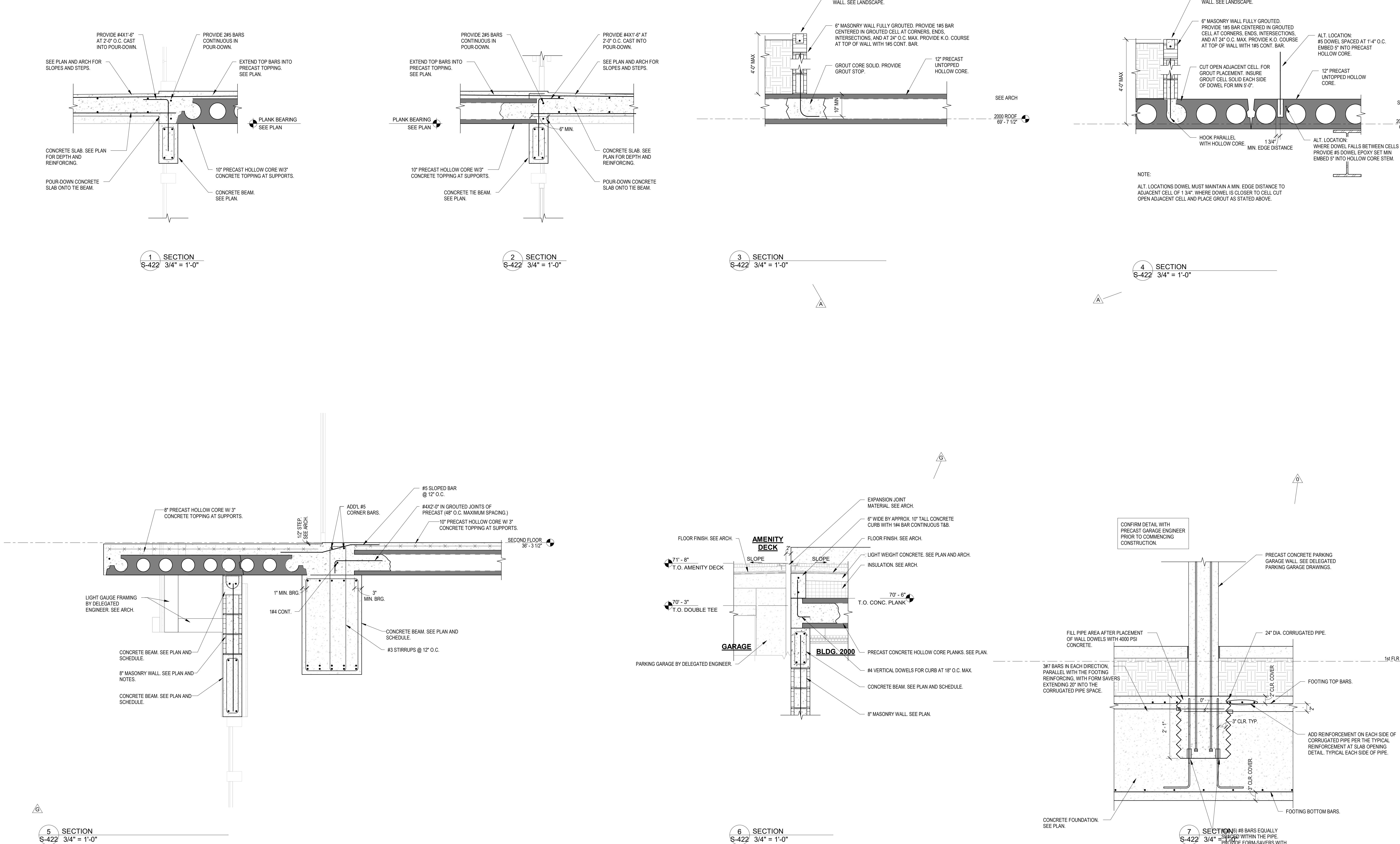
S-412



SECTION
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SARASOTA BAYSIDE

800 COCONUT AVE.
SARASOTA, FL 34236



ISSUE
03/29/2022 Schematic Design
06/10/2022 Design Development
06/10/2022 GMP Review
07/13/2022 ADD 1 FOUNDATION FIC
07/13/2022 ADD 2 FOUNDATION FIC
07/13/2022 ADD 3 FOUNDATION FIC
07/13/2022 STRUCTURAL BLDG PRECAST FIC
07/13/2022 PRECAST CONCRETE FIC
07/13/2022 PRECAST CONCRETE GARAGE FIC
07/13/2022 PRECAST CONCRETE PARKING FIC

REVISION
08/13/2022 MTO PDR 1 - DELEGATE COMMENTS
08/13/2022 MTO PDR 2 - DELEGATE COMMENTS
08/13/2022 ISSUED FOR CONSTRUCTION

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SHEET NAME: SECTIONS
ISSUED FOR CONSTRUCTION

JOB NUMBER: 22037

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S-422