

CONCRETE GENERAL NOTES:

- A. VERIFY EXISTING UNDERGROUND WORK WHEN INSTALLING NEW WORK. ADJUST NEW AS REQUIRED DUE TO EXISTING LOCATIONS & CONFIGURATIONS.
- B. VERIFY THAT ALL CLEAN OUTS, FLOOR & TRENCH DRAINS, AND ELECTRICAL J BOXES ARE AT THE CORRECT ELEVATION FOR PROPER FLOOR FINISHES. COORDINATE THIS WITH THE ELECTRICAL & PLUMBING CONTRACTOR.
- C. COORDINATE POWER RUNS WITH REFRIGERATION & PLUMBING TRENCHES. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL UNDERFLOOR REQUIREMENTS.
- D. COORDINATE ALL DIMENSIONS WITH FLOOR PLANS PRIOR TO CONCRETE PLACEMENT.
- E. GENERAL CONTRACTOR TO PROVIDE GPR (GROUND PENETRATING RADAR) TRADE TO LOCATE AND IDENTIFY ALL UNDER SLAB UTILITIES AT AREAS TO CUT, CORED, OR MODIFIED, INCLUDING, BUT NOT LIMITED TO, ELECTRICAL CONDUIT & WIRE, WATER LINES, SANITARY LINES, VENTS, ETC. IN ADDITION THIS TRADE SHALL VERIFY THE SLAB THICKNESS. ANY ITEMS DAMAGED OR CUT IN OR BELOW SLAB WILL BE SAID CONTRACTORS RESPONSIBILITY TO REPAIR.
- F. DUE TO THE NATURE OF THIS PROJECT ALL CONCRETE TO BE COVERED IN RESINOUS FLOORING SHALL BE HIGH EARLY MIX TO ALLOW FINISH MATERIALS TO BE INSTALLED SOONER. SMALLER AREAS, SUCH AS TRENCHES, SHALL ALSO BE HIGH EARLY. LARGE AREAS OF NEW CONCRETE TO BE EXPOSED SHALL BE REGULAR CONCRETE TO AVOID CRACKING & FLAWS INHERENT TO HIGH EARLY.
- G. NO OVER CUTTING (CROSS CUTTING) OF CONCRETE WILL BE PERMITTED. ALL CUTS TO BE PARALLEL TO EXISTING CONTROL JOINTS AND CLEAN CORNERS. WHEN CUT IS WITHIN 1'-0" OF CONTROL JOINT, EXTEND CUT TO THE CONTROL JOINT.
- H. CONCRETE TO BE SAW CUT AND REMOVED FOR REFRIGERATION, PLUMBING, & ELECTRICAL ARE SHOWN FOR LOCATION AND A GENERAL SIZE OF THE AREA TO REMOVE. MINIMIZE THE CUTS AS MUCH AS POSSIBLE. KEEP CUTS UNDER FIXTURES & EQUIPMENT WHERE POSSIBLE.
- I. USE POWER CONCRETE SAW TO CUT CONTROL JOINTS AS CLOSE AS POSSIBLE TO COLUMNS OR WALL FACE, THEN CONTINUE JOINT TO COLUMN OR WALL FACE WITH HAND GRINDER. WIDTH AND DEPTH OF HAND GRIND JOINT SHALL MATCH WIDTH AND DEPTH OF JOINTS MADE WITH POWER CONCRETE SAW.
- J. PROVIDE CONCRETE BOND BREAK MATERIAL (MINIMUM THICKNESS) AROUND NEW COLUMNS OR WHERE CONCRETE IS REPLACED AT COLUMNS -- 16, 10 MIL POLYETHYLENE, TAR PAPER.
- K. GENERAL CONTRACTOR TO PROVIDE UNIT COST PER SQUARE FOOT OF CONCRETE REPLACEMENT (INCLUDING SAW CUTTING, REMOVAL OF CONCRETE, AND NEW CONCRETE). PROVIDE UNIT COST IN THE TRADE PROPOSAL FORM (SECTION 00 42 13-TRADE PROPOSAL) UNDER ITEM 5.
- L. PROVIDE POSITIVE DRAINAGE TO FLOOR DRAINS. MINIMUM SLOPE IS TO BE 1/8" PER FOOT. (TYPICAL).
- M. ALL SAW CUTTING IS INTENDED TO ALIGN WITH EXISTING CONTROL JOINT PATTERN. ADJUST CUTS AS REQUIRED FOR FIELD CONDITION.
- N. PROVIDE EXPANSION & CONTROL JOINTS AS REQUIRED IN ALL NEW CONCRETE.
- O. GENERAL CONTRACTOR TO PROVIDE ALLOWANCE FOR 500' OF CAMERA-ING.
- P. PROVIDE AN ALLOWANCE OF AN ADDITIONAL 50' OF CONCRETE TRENCHING FOR ADDITIONAL PLUMBING. TO INCLUDE SAWCUTTING, EXCAVATING TO REQUIRED DEPTH, NEW PLUMBING LINES, BACK FILLING, & CONCRETE REPLACEMENT.
- Q. INCLUDE ALL REQUIRED TRADES, LABOR AND MATERIALS TO TEMPORARILY MOVE ALL EQUIPMENT, FIXTURES, & ACCESSORIES AS REQUIRED FOR NEW UNDERGROUND WORK.

CONCRETE PLACEMENT NOTES:

1. SAWCUT & REMOVE EXISTING CONCRETE FLOOR. PROVIDE NEW SLOPED OR LEVEL CONCRETE FLOOR TO ALIGN WITH EXISTING ADJACENT FLOOR. PROVIDE JOINTS PER DETAIL 529 ON SHEET A5.2, AT PERIMETER OF SAWCUT. SEE ASD-69 ON SHEET A5.1.1. SEE CONCRETE GENERAL NOTE 10. GC TO USE HIGH-EARLY CONCRETE MIX AT AREAS TO BE COVERED WITH RESINOUS FLOORING (PREP AREA) TO ALLOW FINISH MATERIALS TO BE INSTALLED SOONER. (TO MATCH EXISTING)
2. REMOVE EXISTING FLOOR FINISH AND SCARIFY CONCRETE COMPLETE TO PROVIDE A FLUSH SURFACE FOR THE NEW FLOOR FINISH. PREP CONCRETE FLOOR AS REQUIRED TO RECEIVE CONCRETE LEVELER TOP COAT AND NEW FLOOR FINISH.
3. NOT USED.
4. EXISTING UNDERFLOOR ELECTRICAL, PLUMBING, TRENCH, ETC TO REMAIN. FIELD VERIFY EXACT LOCATIONS & COORDINATE WITH PLUMBING/ELECTRICAL/REFRIGERATION TRADES.
5. NEW UNDERGROUND PLUMBING OR DRAIN. SEE PLUMBING SHEETS.
6. EXISTING UNDERGROUND ELECTRICAL, PLUMBING, HUB DRAINS AND/OR FLOOR DRAINS TO BE REMOVED. SEE PLUMBING PLAN FOR LOCATIONS AND REMOVAL/CAPPING DETAIL.
7. EXISTING REFRIGERATION PITS & TRENCHES NOT SCHEDULED TO BE REUSED. ABANDON EXISTING TRENCH, REMOVE PIT COMPLETE (PIT COVER & ANGLE) AND FILL W/ CONCRETE. SEE DETAIL 525, A5.2 FOR PIT DEMOLITION. FIELD VERIFY LOCATIONS AND IF PIT/ACCESS IS STILL REQUIRED. FOR EXISTING NON-CONCEALED PITS TO REMAIN, SEE "STAINLESS STEEL COVER PLATES NOTES" ON SHEET A1.2.
8. EXISTING STEEL COVER PLATES TO BE FIELD VERIFIED AND REMOVED. RAISED STEEL PLATES TO REMAIN SHALL BE LOWERED TO BE FLUSH WITH THE FINISHED FLOOR. SEE "STAINLESS STEEL COVER PLATES NOTES" ON SHEET A1.2.

STAINLESS STEEL COVER PLATES NOTES:

A. REPLACE EXISTING DAMAGED OR SMOOTH STEEL PLATES / COVERS WITH NEW STAINLESS STEEL PLATES (PLATES OVER 1/2 SQ. FT. TO BE "DIAMOND-PLATED").

B. PLATES ARE TO BE FLUSH WITH FINISH FLOOR.

C. WHERE PLATES ARE NO LONGER NEEDED FOR ACCESS OR JUST HIDING OR PATCHING DAMAGED CONCRETE ON THE FLOOR, REMOVE PLATE & CUT/PATCH CONCRETE AS REQUIRED FOR SMOOTH, FLUSH FINISH.

D. GENERAL CONTRACTOR TO VERIFY LOCATIONS & SIZES OF ALL PLATES.

E. GENERAL CONTRACTOR TO PROVIDE UNIT COST PER SQUARE FOOT OF STEEL PLATES. PROVIDE UNIT COST IN THE TRADE PROPOSAL FORM (SECTION 00 42 13-TRADE PROPOSAL) UNDER ITEM 5.

F. RAISE AND COVER ANY NEWLY EXPOSED EXISTING RACEWAY ACCESS PORTS (TYP. AT REGISTERS & B-LINES) WITH DIAMOND PLATE COVERS. PROVIDED & INSTALLED BY G.C.

CONCRETE KEY:

SAWCUT & REMOVE CONCRETE COMPLETE AS REQUIRED TO FACILITATE NEW CONSTRUCTION. FOR BIDDING PURPOSES ASSUME AVERAGE SLAB THICKNESS OF 4" (8" IN PREP AREAS). PROVIDE AN ALTERNATE FOR EVERY FULL INCH PER SQUARE FOOT OF CONCRETE REMOVAL & SAND REPLACEMENT OVER 4". NOT ALL REQUIRED SAWCUTTING MAY BE SHOWN, COORDINATE WITH ALL TRADES.

OPEN CONCRETE TRENCHES AND OTHER SAWCUT AREAS TO BE PROTECTED (COVERED OR CLOSED OFF FROM TRAFFIC). SEE ASD-1620, A5.1.2, FOR TEMPORARY COVER FOR SLAB TRENCHES.

PROVIDE NEW LEVEL, RECESSED, AND/OR SLOPPED CONCRETE AS REQUIRED TO FACILITATE NEW CONSTRUCTION. SEE JOINT DETAIL 529, A5.2.

COORDINATE UNDERFLOOR WORK WITH MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS. COORDINATE WITH REFRIGERATION TRADE FOR PENETRATIONS, PITS, & TRENCH LOCATIONS REQUIRED.

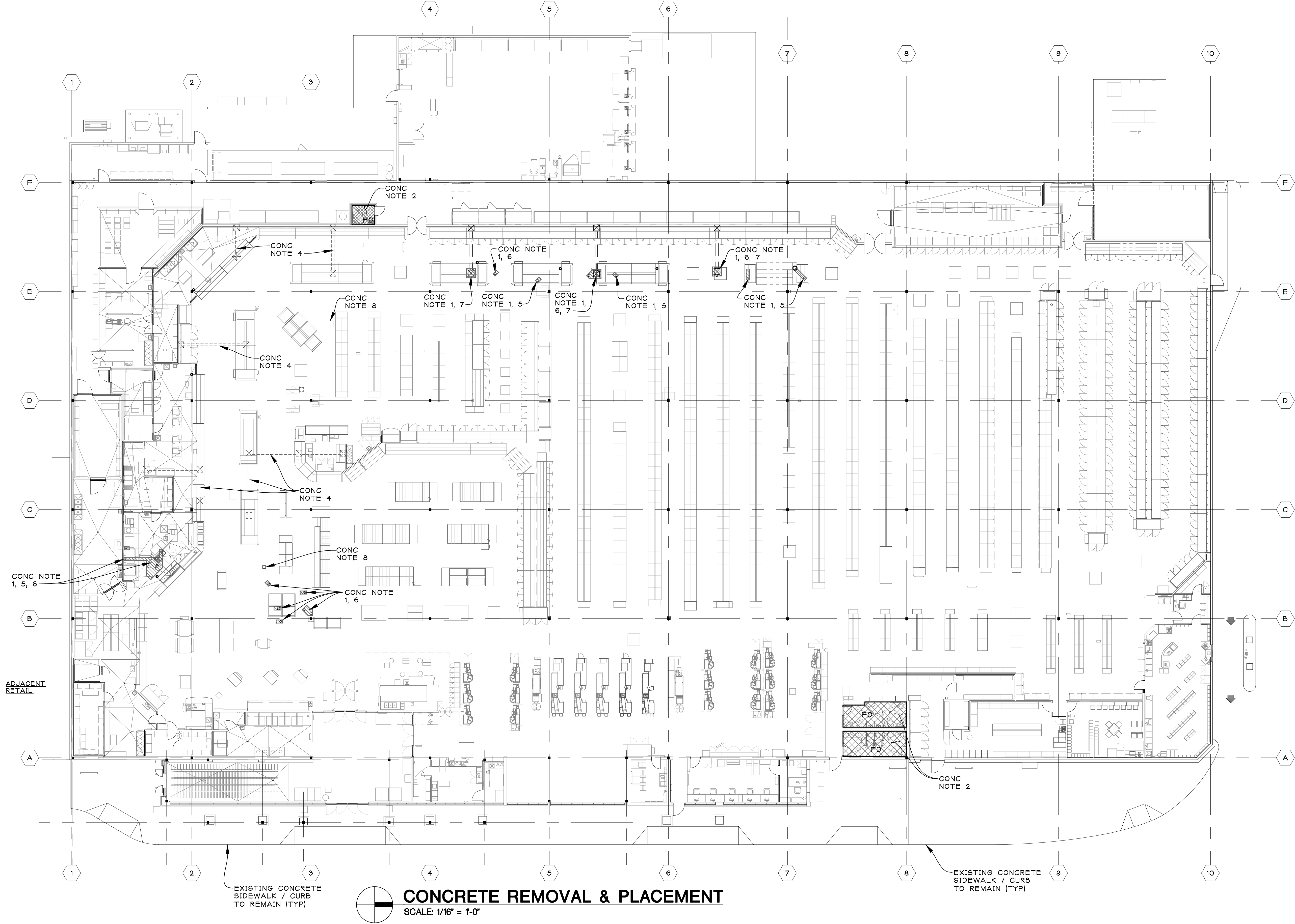
SAWCUT, REMOVE & PATCH BASE SLAB AS REQUIRED FOR UNDERFLOOR WORK (REFER TO MECH, PLUMBING, & ELECT. DWGS.)

EXIST. FLOOR TO REMAIN. MINOR REMOVAL / PATCHING & REPAIR AS REQ'D TO FACILITATE NEW CONSTRUCTION.

EXISTING UNDERFLOOR TRENCH TO REMAIN. FIELD VERIFY EXIST. LOCATION & DEPTH.

ABANDON ALL EXISTING TRENCHES & PITS NOT REUSED, FILL W/ CONCRETE. SEE DETAIL 525, A5.2 FOR PIT INFILLING.

NOTE:
ALL PIPING REQUIRED FOR NEW REFRIGERATION AND HUB DRAINS TO BE INCLUDED IN THIS CONTRACT.



- NOTES:
- SEE SHEET A1.6 FOR POLISHED CONCRETE AND FLOOR FINISHES.
 - SEE SHEET A5.2 FOR CONCRETE DETAILS.

BIDS AND PERMITS
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PROPOSED MINOR INTERIOR REMODEL FOR:

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CONCRETE REMOVAL & PLACEMENT PLAN

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