



**GROUND FLOOR PLAN**  $SCALE: \frac{1}{4}" = 1'-0"$ 

**GENERAL NOTES:** 

PROPOSED OCCUPANCY CONSISTS OF GROUPS S1 AND B PER BCNYS SECTION 304.

PROPOSED BUILDING CONSTRUCTION IS TYPE VB. UNSPRINKLERED BASED ON UNSPRINKLERED, TYPE V CONSTRUCTION AND S1 OCCUPANCY:

3.1. THE ALLOWABLE BUILDING HEIGHT IS 40 FT > ACTUAL =20 FT±

3.2. THE ALLOWABLE NUMBER OF STORIES = 1 > ACTUAL = 13.3. THE ALLOWABLE BUILDING AREA =  $9,000 \text{ SF} + 9,000 \text{ SF} \times 0.43 = 12,865 \text{ SF} > TOTAL$ BLDG AREA = 2,188 SF

4. SPACES ARE CONSIDERED TYPE S1 AND B OCCUPANCY AND ARE NON-SEPARATED PER ICC 508.3. 5. FIRE RESISTANCE RATING REQUIREMENTS FOR TYPE VB CONSTRUCTION PER ICC TBL 601

5.1. BEARING WALLS (INT AND EXT) = 0 HOUR RATING 5.2. NON-BEARING WALLS (INT AN EXT) = O HOUR RATING

5.3. FLOOR = 0 HOUR RATING

5.4. ROOF = 0 HOUR RATING 6. INTERIOR WALL AND CEILING FINISHES FOR UNSPRINKLERED S1 and (B) OCCUPANCY SHALL HAVE FLAME SPREAD INDEX NOT GREATER THAN (ICC TBL 803.13):

6.1. CLASS B (A) FOR INTERIOR EXIT STAIRWAYS AND RAMPS

6.2. CLASS B (B) FOR CORRIDORS AND EXIT ACCESS ENCLOSURES

6.3. CLASS C (C) FOR ALL OTHER ROOMS AND SPACES 7. THE PROPOSED TENANT SPACE MAXIMUM ALLOWABLE OCCUPANT LOAD PER TABLE 1004.5 AS FOLLOWS:

1,250 SF STORAGE / 300 SF PER OCCUPANT = 4.2 PEOPLE. 825 SF BUSINESS / 150 SF PER OCCUPANT = 5.5 PEOPLE. TOTAL OCUPANT LOAD = 10 PEOPLE

8. OCCUPANT LOAD IS LESS THAN 29 AND COMMON PATH OF TRAVEL IS LESS THAN 100 FEET. PER TABLE 1006.2.1 ONE EGRESS DOOR IS REQUIRED FROM INDIVIDUAL SPACES. 9. MAXIMUM EXIT ACCESS TRAVEL DISTANCE (50 FT MAX) IS LESS THAN 200 FEET ALLOWABLE PER TABLE 1017.2.

10. MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES PER TABLE 2902.1. 10.1. WC: 1 PER 25 FOR FIRST 50 OCCUPANTS. 1 REQUIRED AND 1 PROVIDED. 10.2. LAV: 1 PER 40 FOR FIRST 80 OCCUPANTS. 1 REQUIRED AND 1 PROVIDED. 10.3. DRINKING FOUNTAIN: NOT REQUIRED FOR OCCUPANT LOAD LESS THAN 15. 10.4. SERVICE SINK: 0 REQUIRED AND 1 PROVIDED.

## **CONSTRUCTION NOTES:**

1. DIMENSIONS SHOWN TO NEW FRAMING AND EXISTING FINISH. FIELD VERIFY ALL

DIMENSIONS. 2. LAYOUT OF NEW WORK IS BASED ON PROGRAM AND FLOOR PLAN PROVIDED BY OWNER. WHERE DIMENSIONS TO EXISTING WORK VARY FROM THAT SHOWN, COORDINATE REVISED LAYOUT WITH OWNER.

3. PROVIDE NEW WALL PARTITIONS, DOORS, FRAMES AND WINDOWS OF TYPE INDICATED.

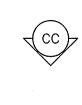
TAPE ALL SEAMS, PRIME AND PAINT DRYWALL.

4. PROVIDE SOLID BLOCKING AT ALL WALL BUMPERS AND ALL FIXTURE LOCATIONS. PRIME AND PAINT ALL WALLS AND DOOR FRAMES, COLOR SELECTED BY OWNER.

6. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO STARTING WORK.

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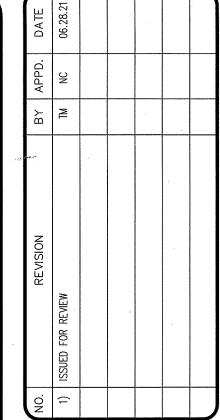


## FOUNDATION NOTES:

- 1. THE PRESUMPTIVE SOIL BEARING CAPACITY IS 2,000 PSF AT A DEPTH OF 4 FEET BELOW THE EXISTING FINISH GRADE. GROUNDWATER ELEVATION IS ASSUMED TO BE 2 FEET BELOW THE FINISHED FLOOR ELEVATION. THE CONTRACTOR SHALL VERIFY PRESUMPTIVE SOIL CONDITIONS. CONDITIONS TO BE WITNESSED BY THE
- 2. ALL FOOTINGS SHALL BE PLACED A MINIMUM OF 4FT BELOW GRADE AND SHALL BE PLACED ON COMPACTED VIRGIN SOIL.
- 3. FOOTING AND WALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI WITH A 4 INCH (MAXIMUM) SLUMP.
- 4. CONCRETE REINFORCEMENT SHALL BE DEFORMED BARS MEETING THE REQUIREMENTS OF ASTM A615 GRADE 60 REBARS, FABRICATED AND PLACED IN ACCORDANCE WITH ACI CODES. LAP BARS AT WALL CORNERS USING STD 90°
- 5. WALL ANCHOR BOLTS, WITH NUTS AND WASHERS, SHALL BE SIMPSON SSTB16 OR HOOKED ASTM A307 1/2" Ø WITH 12" MIN EMBEDMENT. ANCHOR BOLTS SHALL BE PLACED 12" MAX FROM EACH CORNER, EACH SIDE OF WALL OPENINGS, AND 6' MAX ON CENTER ALONG WALLS. PROVIDE A MINIMUM OF 2 ANCHORS PER SILL LENGTH MAX 12" FROM ENDS.
- 6. RIGID INSULATION BELOW GRADE (WHERE INDICATED) SHALL BE EXTRUDED POLYSTYRENE AS MANUFACTURED BY DOW CHEMICAL COMPANY OR EQUAL (K = 0.10G / INCH).
- 7. FOUNDATION WALL SHALL NOT BE BACKFILLED UNTIL CONCRETE HAS PROPERLY CURED AND FIRST FLOOR FRAMING AND DECK HAVE BEEN COMPLETED. BACKFILL SHOULD CONSIST OF CLEAN WELL DRAINED MATERIAL AND SHALL NOT CONTAIN ANY CLAY OR ORGANIC MATERIAL. USE 6" LIFTS AND HAND OPERATED COMPACTION EQUIPMENT IN CLOSE PROXIMITY TO WALL.
- 8. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION SO AS TO NOT CREATE A HAZARD. SITE SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS (6" WITHIN THE FIRST 10').

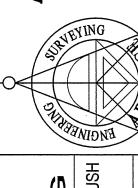
## SLAB NOTES:

- 1. GARAGE SLAB CONCRETE SHALL HAVE COMPRESSIVE STRENGTH AT 28 DAYS OF 4000 PSI AND SHALL HAVE 5% TO 7% AIR CONTENT 4 INCH (MAXIMUM) SLUMP. SLABS SHALL BE MOIST CURED.
- 2. UNDER SLAB VAPOR RETARDER SHALL BE STEGO WRAP CLASS C.
- 3. SAW CUT 1" DEEP CONTRACTION JOINTS AT 15' MAX SPACING SHORTLY AFTER CONCRETE HAS SET.
- 4. FULL DEPTH CONSTRUCTION JOINTS SHALL USE 3/4" X 10" ROUND OR SQUARE SMOOTH DOWELS FOR LOAD TRANSFER BETWEEN SLAB SECTIONS.

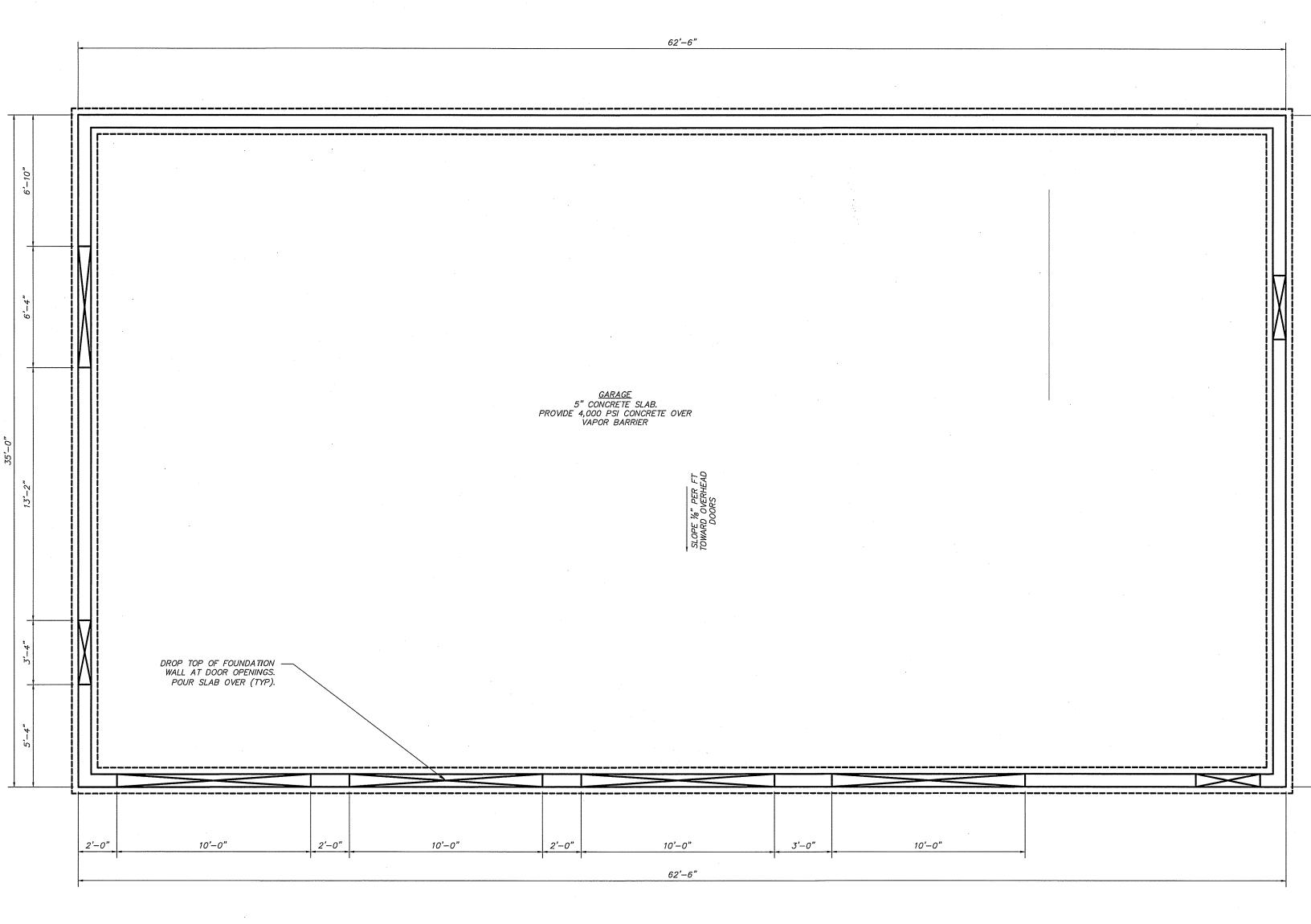


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60 MIL FULLY ADHERED EPDM OVER ROOF PROTECTION BOARD. Ĺ\_\_\_\_\_\_\_ AA  $\frac{\text{ROOF PLAN}}{\text{SCALE: } \frac{1}{4}" = 1'-0"}$ 

ROOF FRAMING NOTES:

1. WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE. THE DESIGN AND MANUFACTURE OF METAL PLATE CONNECTED WOOD TRUSSES SHALL COMPLY WITH SBCA/ANSI/TP11. TRUSS DESIGN DRAWINGS SHALL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER.

2. TRUSS DESIGN DRAWINGS SHALL BE PROVIDED TO ENGINEER AND TO THE CODE ENFORCEMENT OFFICER.

3. HANDLING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES SHALL BE IN ACCORDANCE WITH BOSI/TSI GUIDELINES AND TRUSS DESIGN

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4. TEMPORARY TRUSS, TOP CHORD, WEB, AND BOTTOM CHORD BRACING SHALL BE CONTRACTOR RESPONSIBLITY AND SHALL FOLLOW APPLICABLE BCSI/TSI GUIDELINES.

5. PERMANENT RESTRAINT/BRACING OF INDIVIDUAL TRUSS CHORDS, WEB MEMBERS AND GABLE FRAME STUDS SHALL BE PROVIDED AT LOCATIONS INDICATED IN TRUSS DESIGN DRAWINGS. BRACING SHALL USE STANDARD INDUSTRY LATERAL RESTRAINT/BRACING DETAILS SUCH AS CONTINUOUS LATERAL RESTRAINT WITH DIAGONAL BRACING OR INDIVIDUAL MEMBER

REINFORCEMENT (T, L or SCAB). REFERENCE BCSI—B3 SUMMARY SHEET FOR EXAMPLES.
6. INSTALL DIAGONAL BRACES AT EACH GABLE END SO THEY CROSS WEB MEMBERS AT APPROXIMATELY 45° AND ARE NAILED WITH A MINIMUM OF 2-10d (0.128x3") NAILS AT EACH END AND EACH INTERSECTING WEB. 7. BRACES SHALL MATCH THE TRUSS MEMBER SIZE AND SPECIES THEY ARE REINFORCING UTILIZING STRESS GRADED LUMBER. 8. ROOF TIES/HOLD DOWNS SHALL BE PROVIDED AT ALL RAFTER AND TRUSS BEARING POINTS. MINIMUM UPLIFT CAPACITY SHALL BE AS INDICATED ON TRUSS DESIGN DRAWINGS. REFERENCE BCSI—B3 SUMMARY SHEET.

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