GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS REQUIRED FOR THIS PROJECT.

2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS,

TECHNIQUES, SEQUENCING, SCHEDULING AND SAFETY FOR THIS

. ALL WORK SHALL BE PERFORMED IN CONFORMANCE TO THE

3. ALL WORK SHALL BE PERFORMED IN CONFORMANCE TO THE MASSACHUSETTS STATE BUILDING CODE AND ALL OTHER APPLICABLE CODES AND LAWS.

4. THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY AQUATINTED WITH THE PROJECT PRIOR TO SUBMITTING A PRICE. ADDITIONAL MONEY WILL NOT BE GRANTED FOR WORK NOT CLARIFIED PRIOR TO BIDDING.

CLARIFIED PRIOR TO BIDDING.

5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWNESS SPECIFICATIONS OF PIELD CONDITIONS TO THE DRAWNESS SPECIFICATIONS OF PIELD CONDITIONS TO THE GATTLE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY WORK AND ANAGED BY HIS FORCES WHILE PERFORMING THIS CONTRACT.
7. THE CONTRACTOR SHALL WARRANTEE HIS WORK FOR A PERIOD OF ONE YEAR REMON THE DATE OF FINAL COMPLETION.

FOUNDATION NOTES:

- 1. ALL FOUNDATION FOOTINGS SHALL BE CARRIED DOWN TO A MINIMUM OF 4-0° BELOW FINISH GRADE, OR DEEPER, IF NECESSARY, TO OBTAIN A SAFE SOIL BEARING PRESSURE OF 2 TONS PER SQUARE FOOT, FOUNDATION DESIGN IS BASED ON ASSUMED SOIL BEARING CAPACITY OF 2 TONS PER SQUARE FOOT.
- 2. ALL FOOTINGS SHALL BE PLACED ON UNDISTURBED SOIL: OR ON 2. ALL POOTINGS SHALL BE PLACED ON UNDISTURBED SOIL; OR, ON ENGINEERING BANK RIVE BRAVEL FILL MATERIAL WITH A MINIMUM DRY 3. ALL POOTING SHALL BE POURED IN THE DRY ONLY 4. NO FOOTING SHALL BE POURED ON FROZEN GROUND 5. THE MINIMUM REINFORCING FOR ALL FOUNDATION WALLS SHALL BE LAZE BAR BAT THE TOP AND BOTTOM, CONTINUOUS.

- OR, AS SHOWN ON DRAWINGS
- OR, AS SHOWN ON DEAWINGS.

 LAP ALL BARS 40 DIAMETERS AND PROVIDE CORNER BARS.

 ALL REINFORCEMENT: ASTM A615-60, WWF A185.

CONCRETE NOTES:

- ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH
 OF 3,000 PSI.

 MAXIMUM SLUMP SHALL NOT EXCEED 3", AND MAXIMUM, COARSE
 AGGREGATE SIZE SHALL NOT EXCEED 34" IN DIAMETER.
- 3. ALL CONCRETE SLABS SHALL BE POURED IN 900 SQUARE FOOT PANELS, MAXIMUM; OR, PROVIDE CONTROL JOINTS BY SAW CUTTING THE SLAB WHILE THE CONCRETE IS STILL GREEN.

STEEL NOTES:

up to 10'-0"

ALL COLUMNS: A36, STEEL PIPE, A46 STEEL TUBE.
 BOLTS: A325, ANCHOR BOLTS: A307.

3 - 2x10

WOOD LINTEL SCHEDULE:

Lintels over openings in bearing walls shall be as follows;or as noted on drawings. Span of opening: Size: 2x6 studs Size: 2x4 studs less than 4'-0' 3 - 2x42 - 2x4 up to 6'-0" 3 - 2x6 2 - 2x6 up to 8'-0" 3 - 2x82 - 2x8

2 - 2x10

REINFORCING NOTES:

- 1. ALL REINFORCEMENT, EXCEPT FOR TIES AND STIRRUPS, SHALL CONFORM TO ASTM 615-60.
- ALL REINFORCEMENT FOR TIES AND STIRRUPS SHALL CONFORM TO ASTM 615-40.
- 3. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185-70 SPECIFICATIONS
- 4. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT OF HIS ENGINEER PRIOR TO THE PLACEMENT OF ANY CONCRETE.
- 5. THE CONTRACTOR SHALL SUBMIT A REPRODUCIBLE SEPIA AND FOUR PRINTS OF SHOP DRAWINGS: SHOWING ALL REINFORCING DETAILS, CHAIR BARS, HIGH CHAIRS, SLAB BOLSTERS, ETC. TO THE ARCHITECT FOR HIS APPROVAL. THE CONTRACTOR SHALL RECEIVE WRITTEN APPROVED SHOP DRAWINGS FROM THE ARCHITECT OR HIS ENGINEER PRIOR TO THE FABRICATION OF REINFORCEMENT

3 INCHES

- CLEARANCES OF MAIN REINFORCING FROM ADJACENT CONCRETE SURFACES SHALLL BE AS FOLLOWS:
 - A. FOOTINGS
- B. SIDES OF FOUNDATIONS WALLS.
- EXPOSED FACES OF FOUNDATIONS SIDES OF COLUMNS/PIERS, SLABS
- ON GRADE FROM TOP SURFACE. 2 INCHES
- C. INTERIOR FACES OF FOUNDATIONS,
- TOP REINFORCING IN SLABS EXPOSED
- TO THE WEATHER 1-1/2 INCHES
- D. TOP STEEL OF INTERIOR SLABS 1 INCHES
- MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE 1/4" OF SECTIONS 10" OR LESS. 1/2" FOR SECTIONS GREATER THAN 10".

WOOD NOTES:

- ALL LUMBER SHALL HAVE A MOISTURE CONTENT OF NOT MORE THAN 19%.
- ALL FRAMING LUMBER SHALL BE #2 HEM-FIR, OR BETTER, HAVING A MINIMUM: FB=1,200 PSI, FV=140 PSI, E=1,300,000 PSI.
- ALL L.V.L. LUMBER DENOTED ON PLANS SHALL HAVE A MINIMUM
- FB=2 600 PSI FV=285 PSI F=1 900 000 PSI ALL JOIST SPANS SHALL HAVE ONE ROW OF 1" X 3: CROSS BRIDGING AT MID SPAN
- AND NOT MORE THAN 8'-O" O.C. ALL STUD BEARING WALLS SHALL HAVE ONE ROW OF 2X HORIZONTAL BLOCKING AT
- 1/2 STUD HEIGHT, AND NOT MORE THAN 6'-O" O.C. MAXIMUM.
- PROVIDE AND INSTALL ALL NECESSARY TIMBER CONNECTORS WITH ADEQUATE STRENGTH.
- PROVIDE DOUBLE JOIST BELOW PARTITIONS PARALLEL TO JOIST FRAMING PROVIDE SOLID BRIDGING BELOW PARTITIONS PERPENDICULAR TO JOIST FRAMING
- PROVIDE SOLID BRIDGING BETWEEN JOIST FRAMING MEMBERS WHEN BEARING ON
- STUD PARTITIONS OR BEAMS. 10. PROVIDE A CONTINUOUS BAND JOIST AT EXTERIOR STUD WALLS.
- 11. PROVIDE DIAGONAL METAL STRAP BRACING AT ALL CORNERS AND WALL INTERSECTIONS, AT THE INSIDE FACE OF STUDS, FROM TOP PLATE TO FLOOR PLATE AT 45°, SIMPSON TYPE "CWB", OR EQUAL.
- 12. ALL BUILT-UP BEAMS SHALL BE BOLTED WITH 1/2" DIAMETER BOLTS. MEETING A307 STANDARDS, OR, AS NOTED ON DRAWINGS.

Proposed 2

5 CEDAR STREET, ROXBURY Massachuseurs

2 FAMILY STREET Y. MA **PROPOSED** CEDAR OXBURY S





17333 AS NOTED icde: 01-17-2018

SL TIME BY

AS AN ATTACHED 2 FAMILY, THE

PROPOSED R-3 USE FALLS UNDER

THE IBC 2015 AND NOT THE IRC.

IBC 2015 W/ MA AMEND. NEW TYPE 5A CONSTRUCTION

FULLY SPRINKLED (NFPA 13-D)

CODE SUMMARY

3 STORIES

R-3 USE GROUP

COVER SHEET

KEY 0

SMOKE DETECTOR 0 HEAT DETECTOR õ CARBON MONOXIDE DETECTOR

1 HOUR WALL(SEE W.T.1/A-3.1) \triangle ♦— 2 HOUR WALL(SEE W.T.2/A-3.1) ⊠ FAN

0 45 MIN. DOOR

1 1 HOUR CLG. ABOVE (SEE C.T.1/A-3.1) 2 2 HOUR CLG. WALL(SEE C.T.2/A-3.1)

0 FIRE EXTINGUISHER

NOTE: ENERGY CODE COMPLIANCE

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING STRETCH/ ENERGY CODE COMPLIANCE PRIOR TO CLOSING OF WALLS. THE PROPER ENERGY CONSULTANT, IERS RATER, OR OTHER ALLOWED PROFESSIONAL SHALL PERFORM THE FINAL SPECTIONS ASSOCIATED WITH THE CONSTRUCTION REQUIREMENTS AT THE

NOTE: THERE HAS BEEN NO SOIL TESTING PROVIDED TO THIS OFFICE FOR THIS PROJECT. THE SOIL BEARING CAPACITY OF THIS FOUNDATION SYSTEM AS DESIGNED IS BASED ON A 2 TON MINIMUM SOIL BEARING CAPACITY. SOIL BORINGS SHOULD BE PERFORMED TO VERIFY THAT THE MINIMUM DESIGN BEARING CAPACITIES ARE ACHIEVABLE. IF A SUITABLE SOIL THAT CAN NOT WITHSTAND A 2 TON BEARING CAPACITY IS NOT AVAILABLE, THAN THIS OFFICE SHOULD BE CONTACTED BY THE CONTRACTOR OR OWNER FOR A FOUNDATION REDESIGN













