

DESIGN CRITERIA (PER 780 CMR - 8TH EDITION)
 FLOOR AREA 15,000 SF

BUILDING CLASSIFICATION
 USE GROUP: B BUSINESS
 OCCUPANCY TYPE: IV
 OCCUPANCY CATEGORY: IV

ROOF DESIGN CRITERIA
 ROOF COVERING CLASSIFICATION: B. MODERATE EXPOSURE
 WIND LOAD DATA
 V = 100 MPH IMPORANCE FACTOR 1.15
 WIND EXPOSURE B

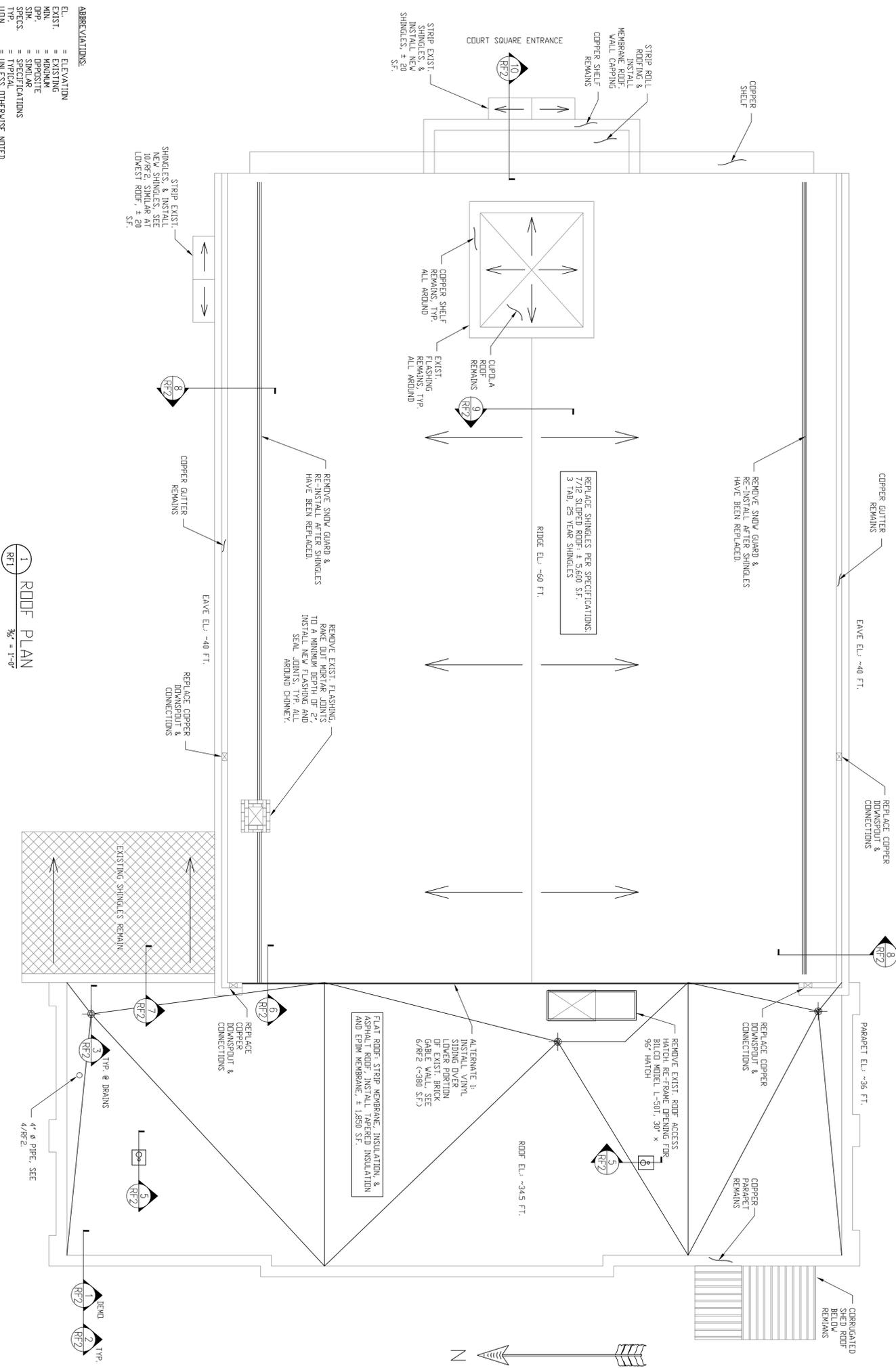
- GENERAL NOTES:
1. ALL WORK SHALL COMPLY WITH THE MASSACHUSETTS STATE BUILDING CODE AND LOCAL CODES AND ORDINANCES.
 2. THE CONTRACTOR SHALL APPLY FOR ALL PERMITS, AND SHALL PAY ALL PERMIT RELATED FEES.
 3. THE DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE WRITTEN SPECIFICATIONS.
 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND MATERIAL SUBMITTALS FOR REVIEW AS REQUIRED IN THE SPECIFICATIONS.
 5. THE CONTRACTOR SHALL VERIFY DIMENSIONS & QUANTITIES SHOWN ON THE DRAWINGS PRIOR TO ORDERING MATERIALS.
 6. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION AND COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY. SAFETY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 7. THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS.
 8. THE CONTRACTOR IS RESPONSIBLE FOR DUST PROTECTION, AND WEATHER PROTECTION OF THE BUILDING AND MATERIALS DURING CONSTRUCTION.

- DEMOLITION NOTES:
1. WHERE INDICATED ON THE DRAWINGS, STRIP OFF EXISTING ROOF MEMBRANE, INSULATION, AND GRAVEL & TAR ROOFING TO EXPOSE WOOD DECK.
 2. WHERE INDICATED, REMOVE EXISTING FLASHING.
 3. CONTACT PROJECT MANAGER ONCE DECK IS EXPOSED FOR EVALUATION.
 4. PROVIDE TEMPORARY WATER-TIGHT ROOFING OVER AREAS WHERE ROOFING HAS BEEN REMOVED.
 5. ALL REMOVED MATERIAL SHALL BE DISPOSED OF PER LOCAL, STATE, AND FEDERAL REGULATIONS.
- SHINGLE RE-ROOFING NOTES:
1. SEE SPECIFICATIONS.
 2. PREPARE ROOF AS INDICATED IN THE SPECIFICATIONS.
 3. ONCE DECK IS EXPOSED, NOTIFY OWNER'S REPRESENTATIVE FOR INSPECTION PRIOR TO INSTALLING FELT UNDERLAYMENT.
 4. INSTALL UNDERLAYMENT PER SPECIFICATIONS. 15# FELT OVER DECK. TYPICAL SELF ADHERING UNDERLAYMENT AT EAVES AND BAKES AT LEAST 36 IN. INSIDE EXTERIOR WALL LINE.
 5. INSTALL 3 TAB SHINGLES ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL ONLY OVER MANUFACTURER'S APPROVED ENVIRONMENTAL CONDITIONS REGARDING TEMPERATURE, AND HUMIDITY.
 6. WHERE SPECIFIED, EXISTING COPPER FLASHING IS TO REMAIN. CLEAN SURFACES AND RE-SEAL JOINTS.
 7. ROOF CONTRACTOR IS TO REPAIR/REPLACE FLASHING WHERE INDICATED AND APPLY SEALANT AS REQUIRED TO ASSURE A LEAK-FREE ROOF.
 8. SEAL AT ALL ROOF PENETRATIONS.

- MEMBRANE ROOFING NOTES:
1. SEE SPECIFICATIONS.
 2. ROOF MEMBRANE SHALL BE A SINGLE PLY 60 MIL EPDM MEMBRANE AS INDICATED IN THE SPECIFICATIONS.
 3. INSTALL EPDM ROOF MEMBRANE ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS. NOTIFY OWNER WHERE MANUFACTURER'S APPROVED ENVIRONMENTAL CONDITIONS REGARDING TEMPERATURE, AND HUMIDITY. MINIMUM TEMP. DURING INSTALLATION SHALL BE 45 ° F.
 4. FLASHING SHALL BE 60 MIL REINFORCED EPDM MEMBRANE WITH BONDING ADHESIVE AND SEALANT AS RECOMMENDED BY MEMBRANE MANUFACTURER.
 5. ROOF CONTRACTOR IS TO INSTALL FLASHING AND SEALANT AS REQUIRED TO ASSURE A LEAK-FREE ROOF.
 6. MEMBRANE MANUFACTURER SHALL INSPECT AND CERTIFY THE ROOF PER THE SPECIFICATIONS.
- ROOF INSULATION NOTES:
1. SEE SPECIFICATIONS.
 2. RIGID POLYSTYRENE/URETHANE INSULATION BOARD SHALL HAVE A MINIMUM THICKNESS OF 3 1/2".

4. EXISTING DECK SLOPES AT 1/4" FT. TOWARDS BRAN. CONTRACTOR SHALL SURVEY DECK TO VERIFY EXISTING SLOPE OF DECK AND DESIGN TAPERED INSULATION BOARD TO PROVIDE 1/4" PER FT. SLOPE TOWARDS DRAINS.
5. BASED ON THE SURVEYED ROOF SURFACE, THE TAPERED INSULATION SHALL BE ORDERED TO ASSURE THAT THE FINISH ROOF SURFACE WILL SLOPE TOWARDS THE DRAINS AT A MINIMUM SLOPE OF 1/4" PER FT.
6. TAPERED INSULATION SHALL BE CUT TO FORM CROCKETS TO DIVERT WATER AROUND CURBS AND OTHER OBJECTS THAT WOULD PREVENT THE FREE FLOW OF WATER TOWARDS THE DRAINS.

RE-ROOFING PROJECT GREENFIELD TOWN HALL 14 COURT SQUARE GREENFIELD, MA



ABBREVIATIONS:

- EL. = ELEVATION
- EXIST. = EXISTING
- FIN. = FINISH
- GPR = OPPOSITE
- SIM. = SIMILAR
- SPECS. = SPECIFICATIONS
- TYP. = TYPICAL
- UN. = UNLESS OTHERWISE NOTED

1 ROOF PLAN
 3/8" = 1'-0"

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DESIGN BY: MR
 PROJECT: TOWN HALL RE-ROOFING PROJECT
 GREENFIELD TOWN HALL
 14 COURT SQUARE
 GREENFIELD, MA
 PREPARED FOR: TOWN OF GREENFIELD
 14 COURT SQUARE
 GREENFIELD, MA

NOTES
ROOF PLAN
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