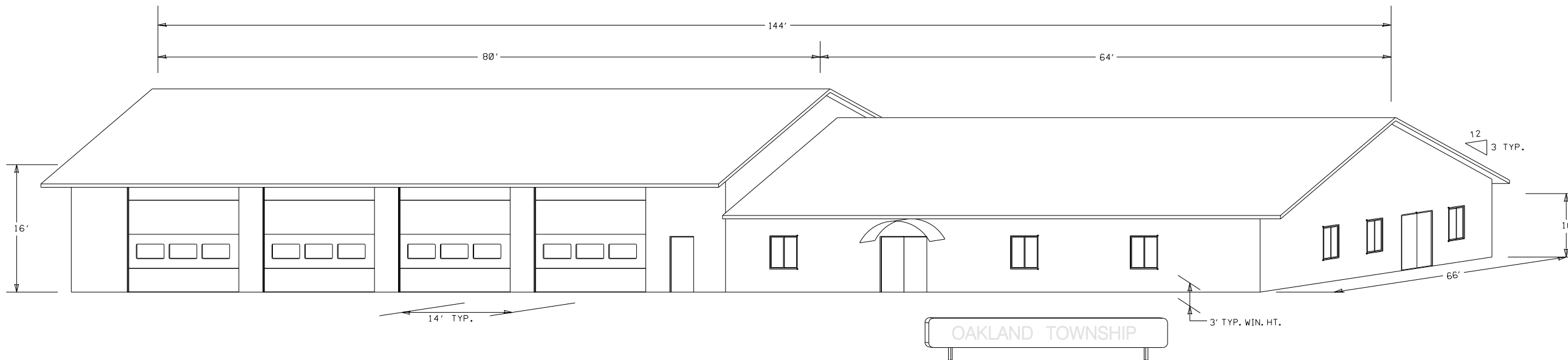


NEW FIRE GARAGE  
80' X 66' = 5,280 SF

NEW TOWN HALL  
64' X 66' = 4,224 SF



DESIGN INFORMATION  
WISCONSIN BUILDING CODE / IBC 2009

DESIGN INFORMATION  
(2009 INTERNATIONAL BUILDING CODE)

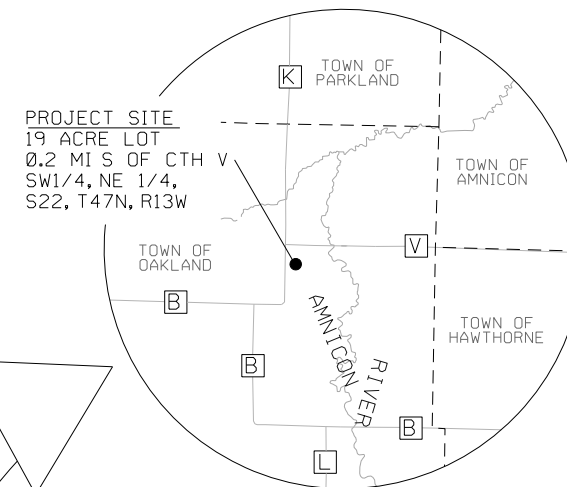
- DRAWING SHEET INDEX
- 1) A-01: VICINITY MAP & DESIGN INFO
  - 2) A-02: SITE PLAN
  - 3) A-03: GENERAL BUILDING PLAN
  - 4) A-04: ELEVATION VIEW
  - 5) A-05: ELEVATION VIEW
  - 6) S-01: FOUNDATION PLAN
  - 7) E-01: ELECTRIC / LIGHT / EGRESS
  - 8) C-01: EROSION CONTROL

BUILDING ENVELOPE  
Garage = 5,280 SF  
Hall w/ Acry. = 4,224 SF  
Total = 9,504 SF  
Total Volume After Completion:  
Building Volume 158,084 CF > 50,000 CF

DESIGN OCCUPANT LOADING (Ch 10 IBC)  
Main Garage Area (S-1) - Load = XX/sf  
New = XX occupant  
Assembly Hall Area (A-3) - Load = XXX/sf  
Load = X occupant  
Total Completed = XX occupant

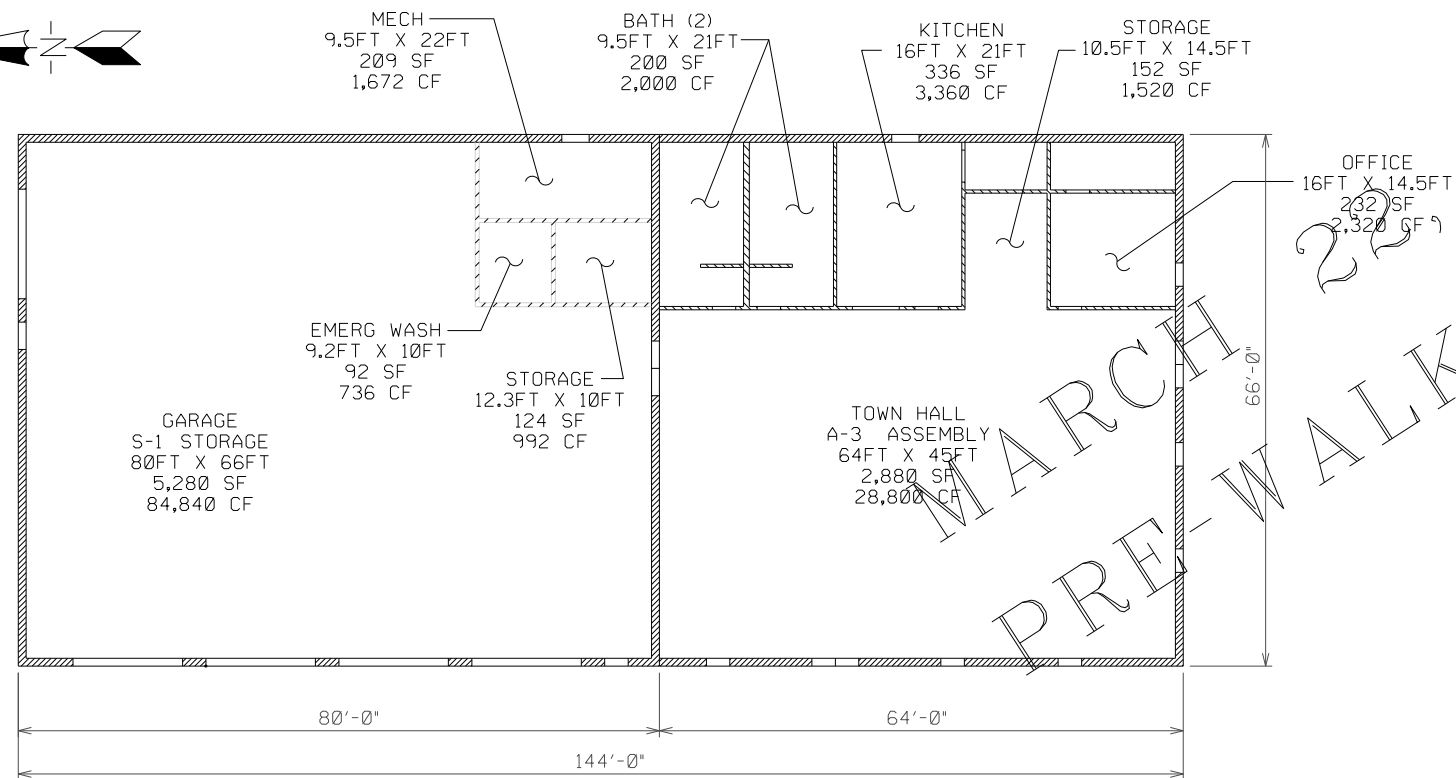
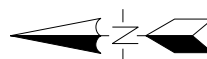
OCCUPANCY CLASSIFICATION  
Storage (S-1) (IBC 309.1)  
Assembly (A-3)

CONSTRUCTION TYPE  
Type VB (IBC Tbls 503 & 601)  
Fire Protection - XXXXXXXXXXXX



TOWN OF OAKLAND  
DOUGLAS COUNTY

DOUGLAS COUNTY



Date	Appr.

Sheet Revisions

TOWN HALL & FIRE GARAGE

TOWN OF OAKLAND  
DOUGLAS COUNTY, WISCONSIN

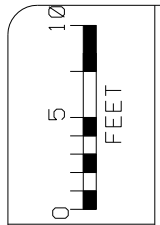
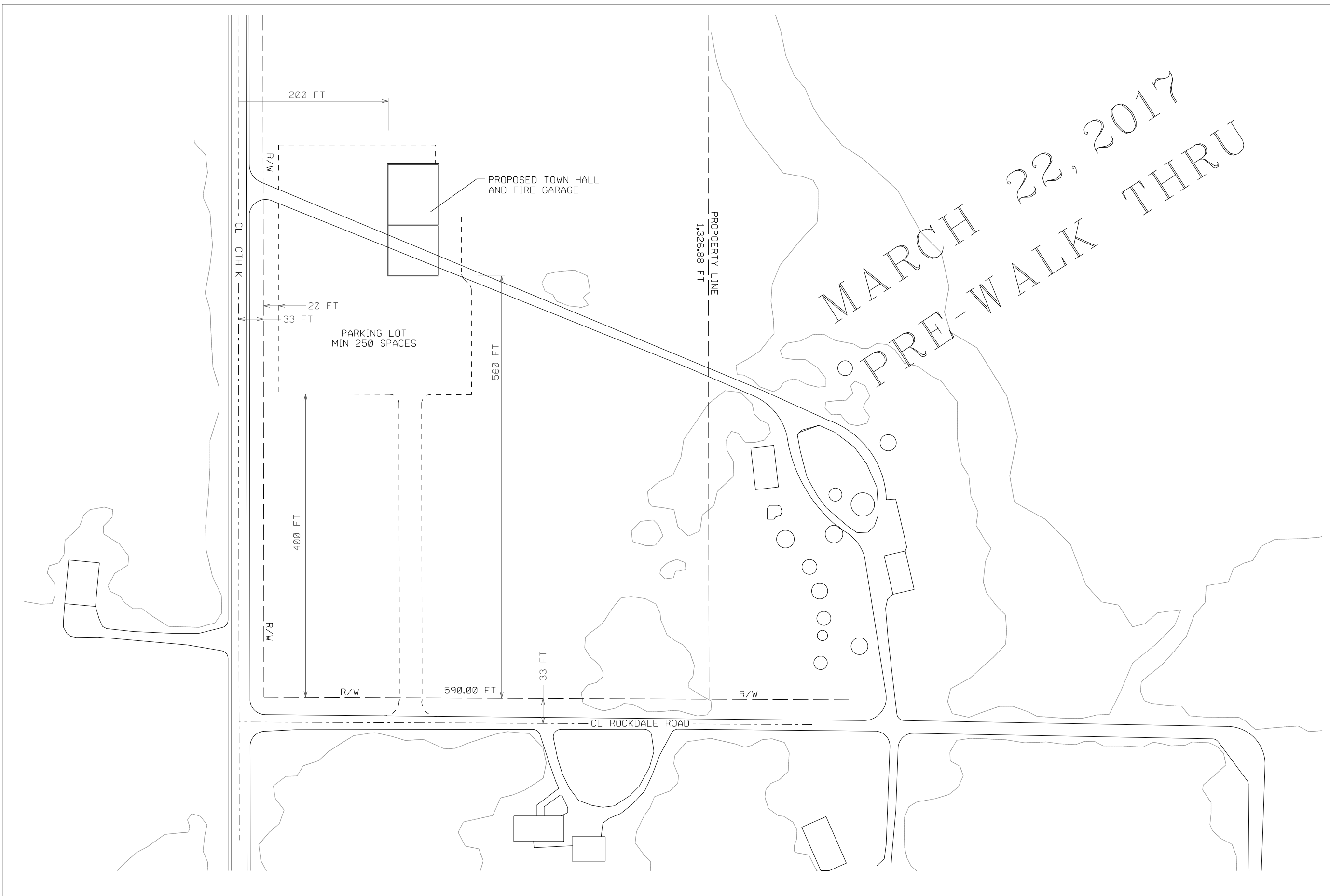
ENGINEER

William J. Kovalski, Jr, PE  
7308 Abramson Road  
South Range, WI 54874  
Phone: (715) 817-0123

SHEET REF:

A-01

SHEET 01 OF XX



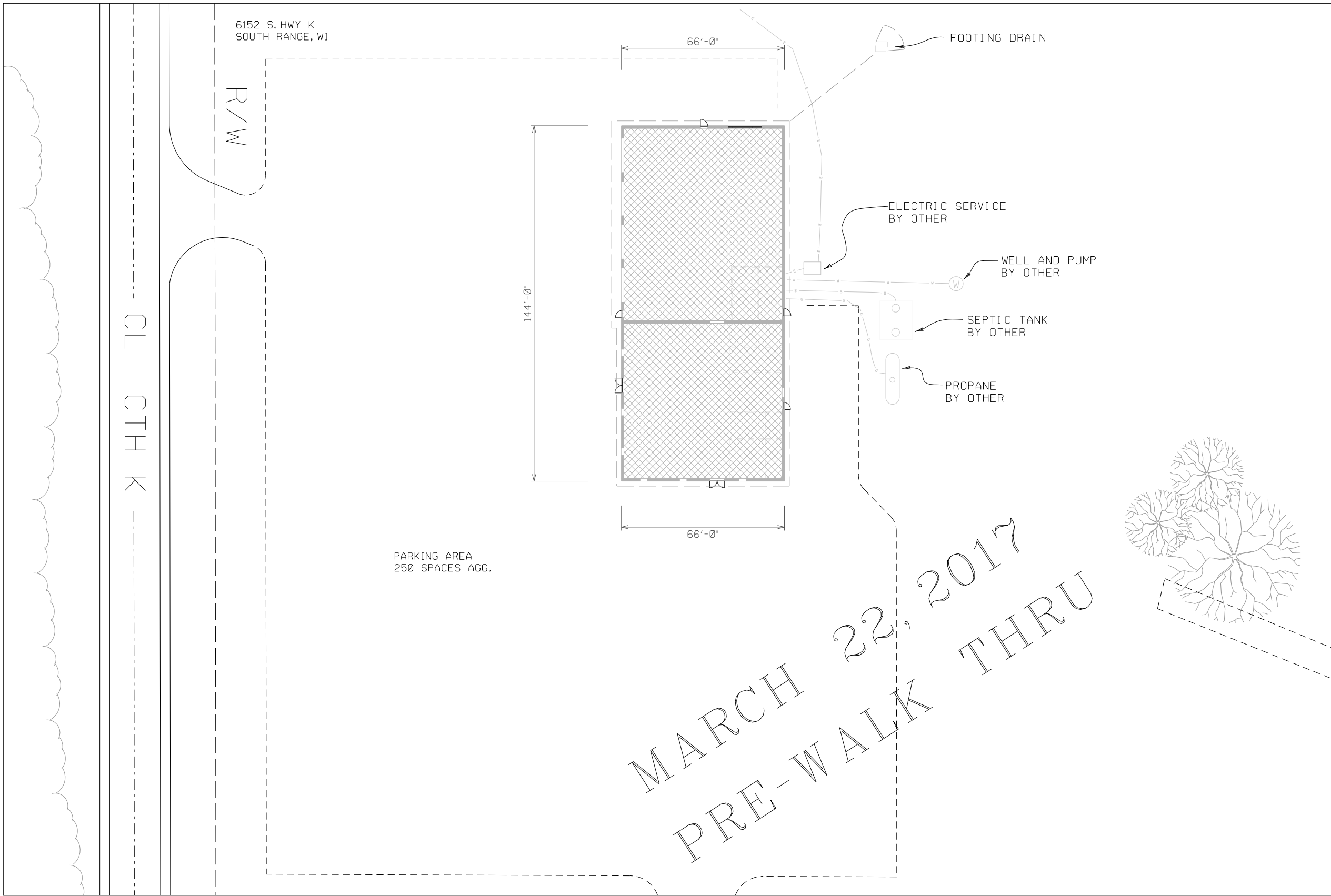
**BUILDING SITE PLAN  
LAYOUT & DIMENSIONS**

SHEET REF:  
**A-02**  
SHEET 02 OF XX

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS

SCALE :



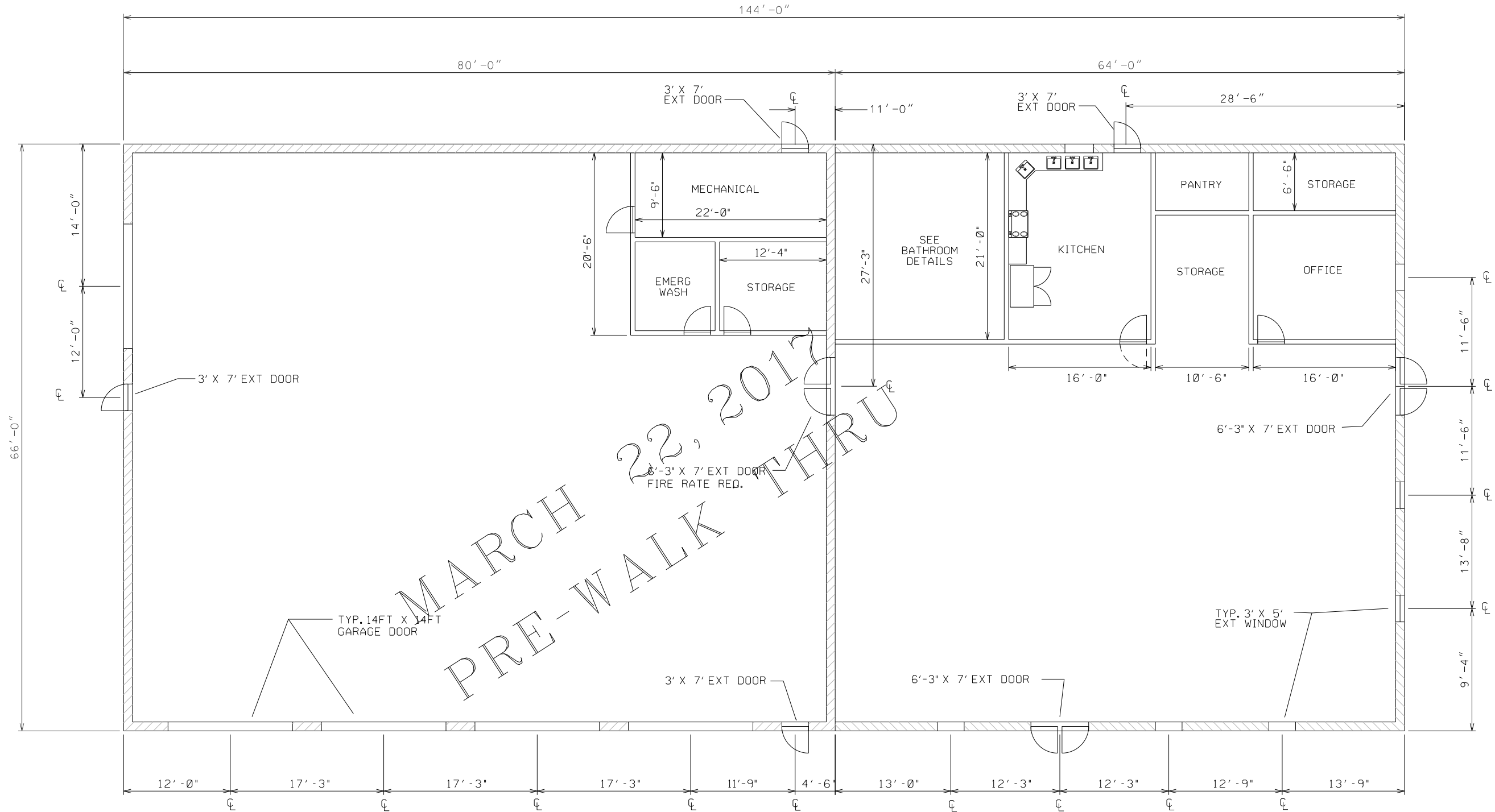
**BUILDING SITE PLAN  
LAYOUT & DIMENSIONS**

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS

SCALE :

SHEET REF:  
**A-03**  
SHEET 03 OF XX



PLAN VIEW



**BUILDING PLAN  
LAYOUT & DIMENSIONS**

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS

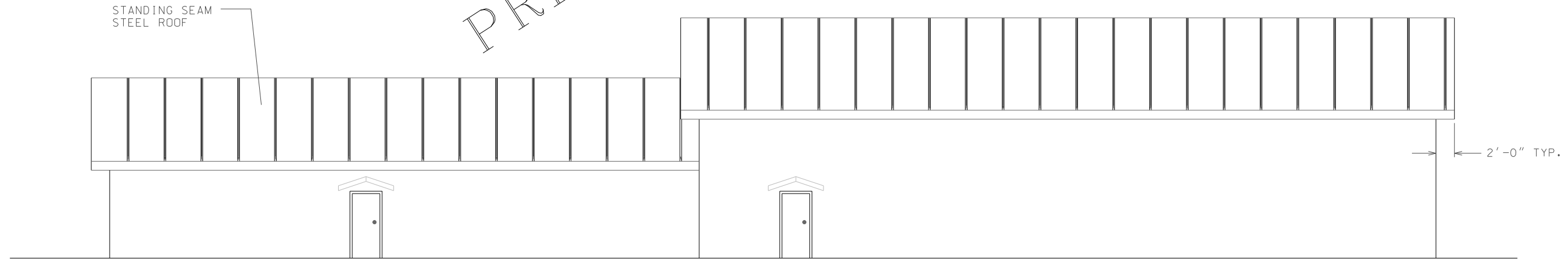
SCALE :

SHEET REF:  
**A-04**  
SHEET 04 OF XX

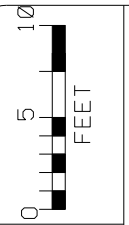


WEST ELEVATION

MARCH 22, 2017  
 PRE-WALK THRU



EAST ELEVATION



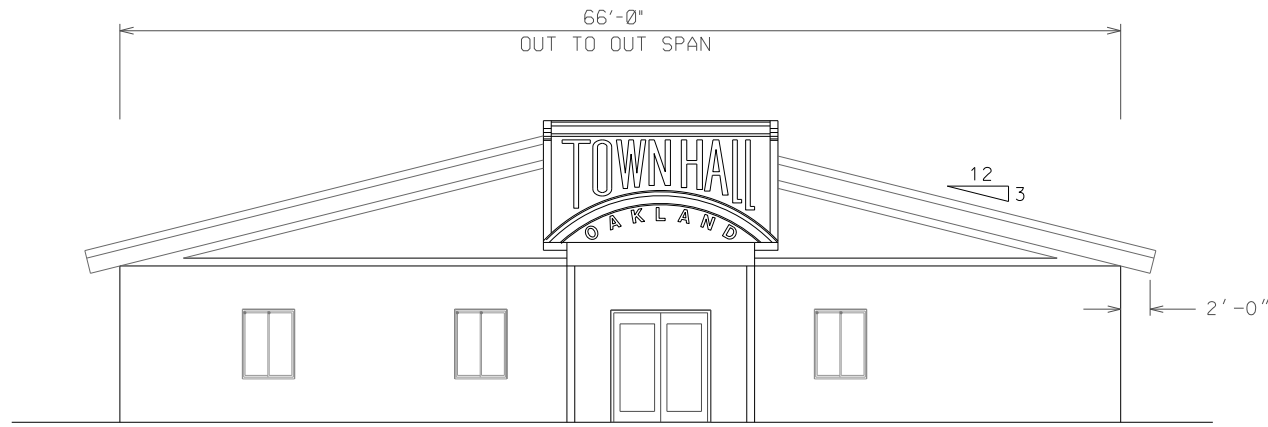
ELEVATION VIEWS  
 EAST & WEST

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

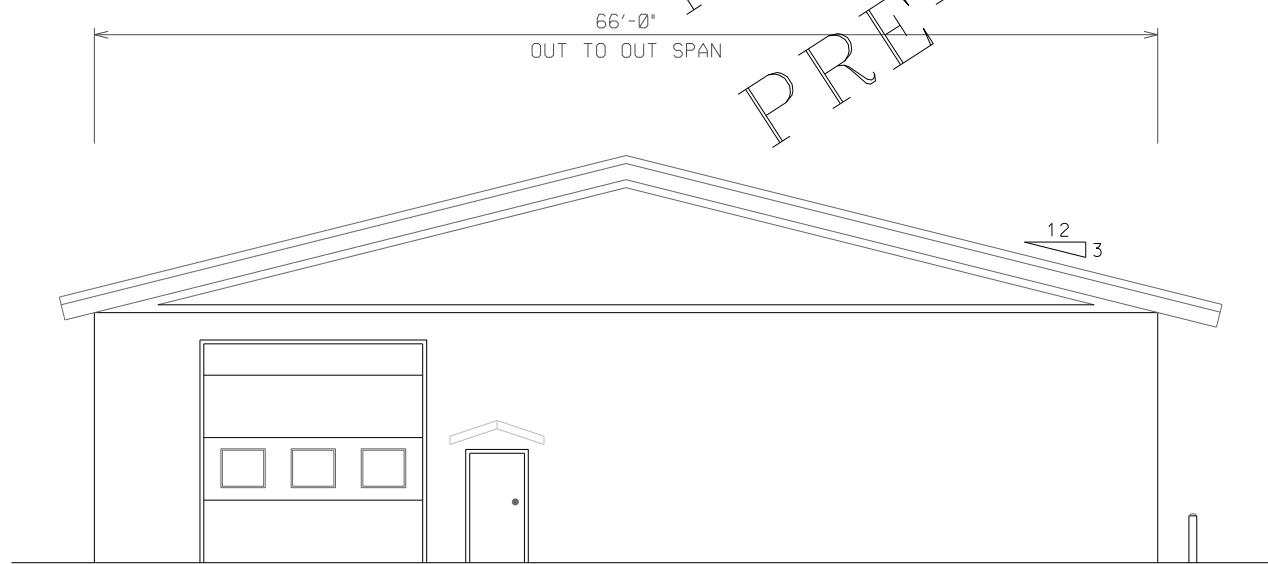
COUNTY: DOUGLAS

SCALE :

SHEET REF:  
**A-05**  
 SHEET 05 OF XX

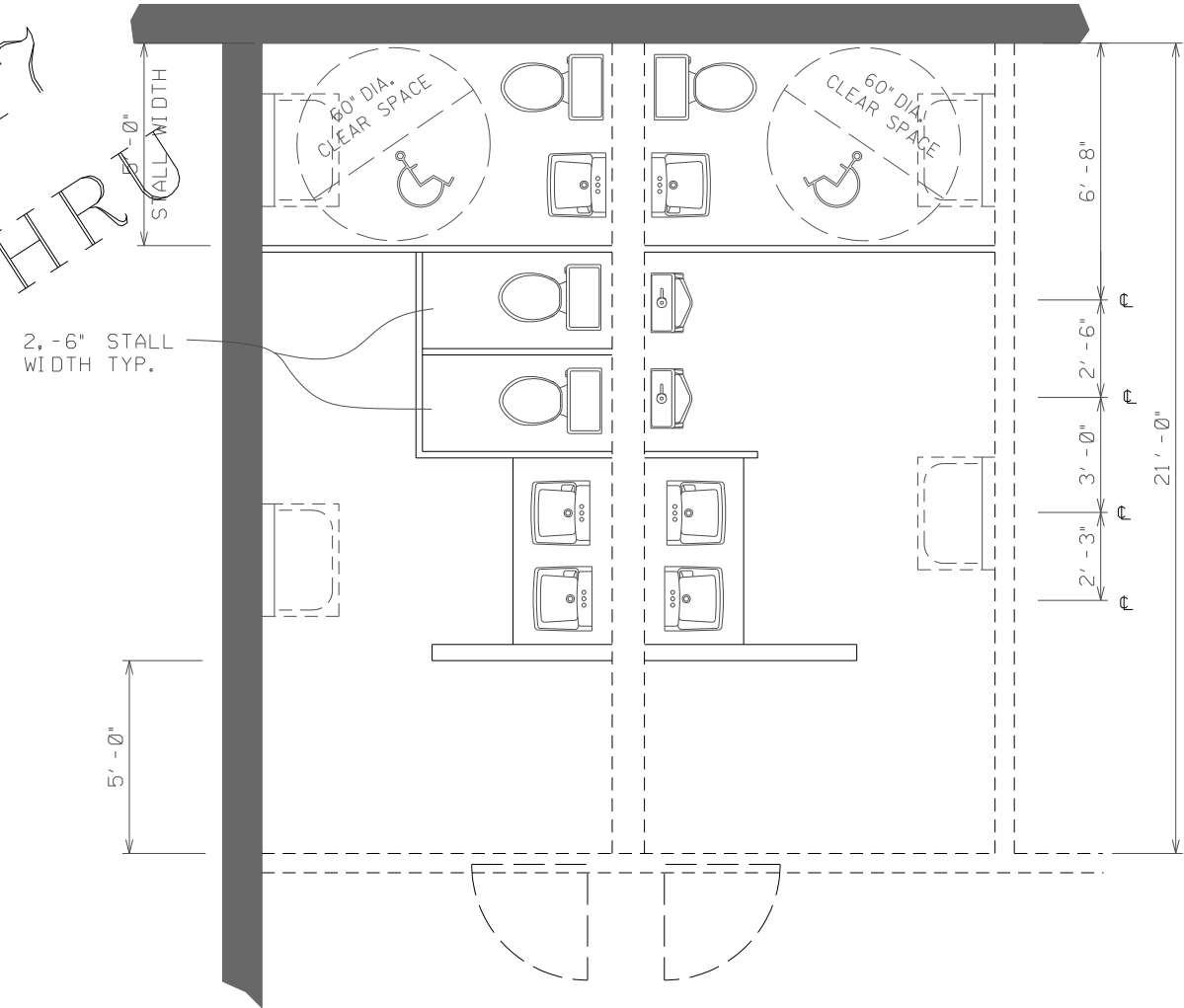


SOUTH ELEVATION

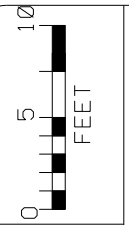


NORTH ELEVATION

MARCH 22, 2017  
 PRE-WALK THROUGH



BATHROOM DETAILS



ELEVATION VIEWS  
 NORTH & SOUTH

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

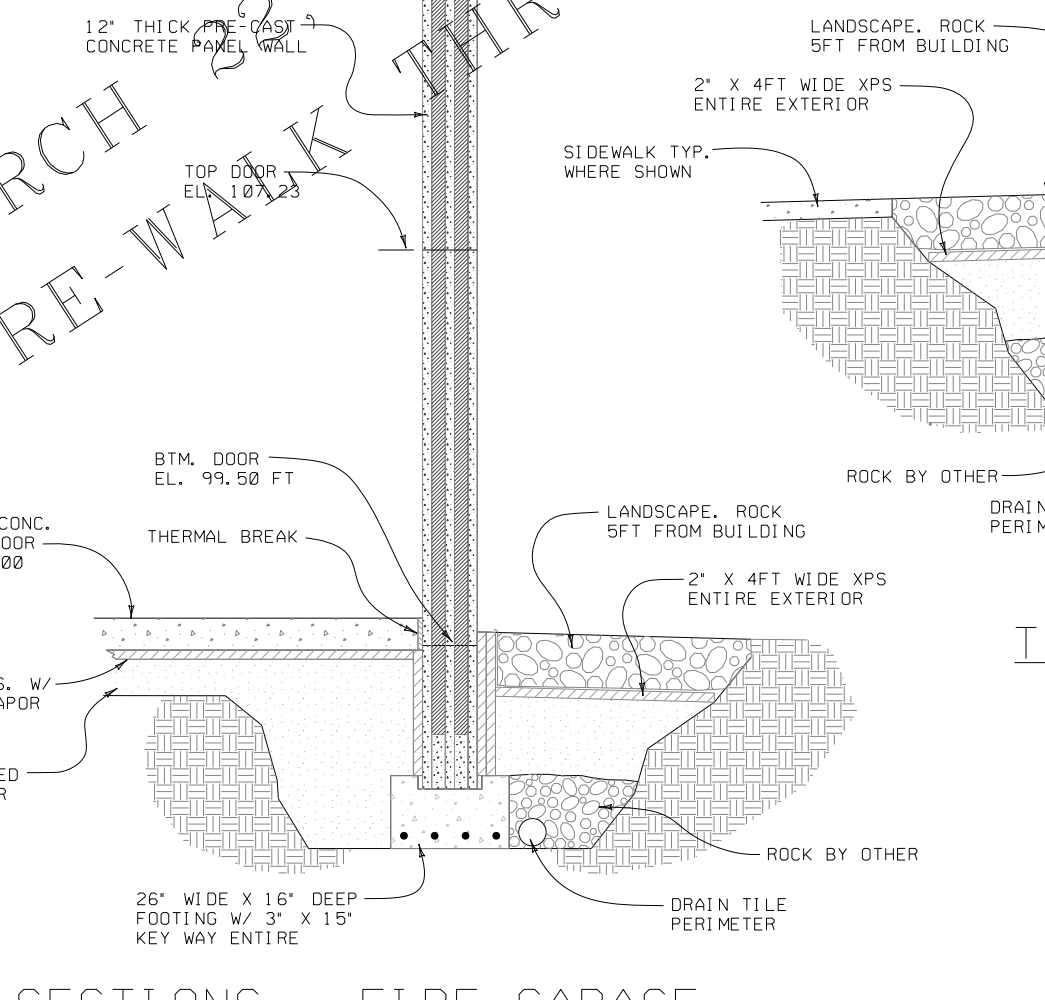
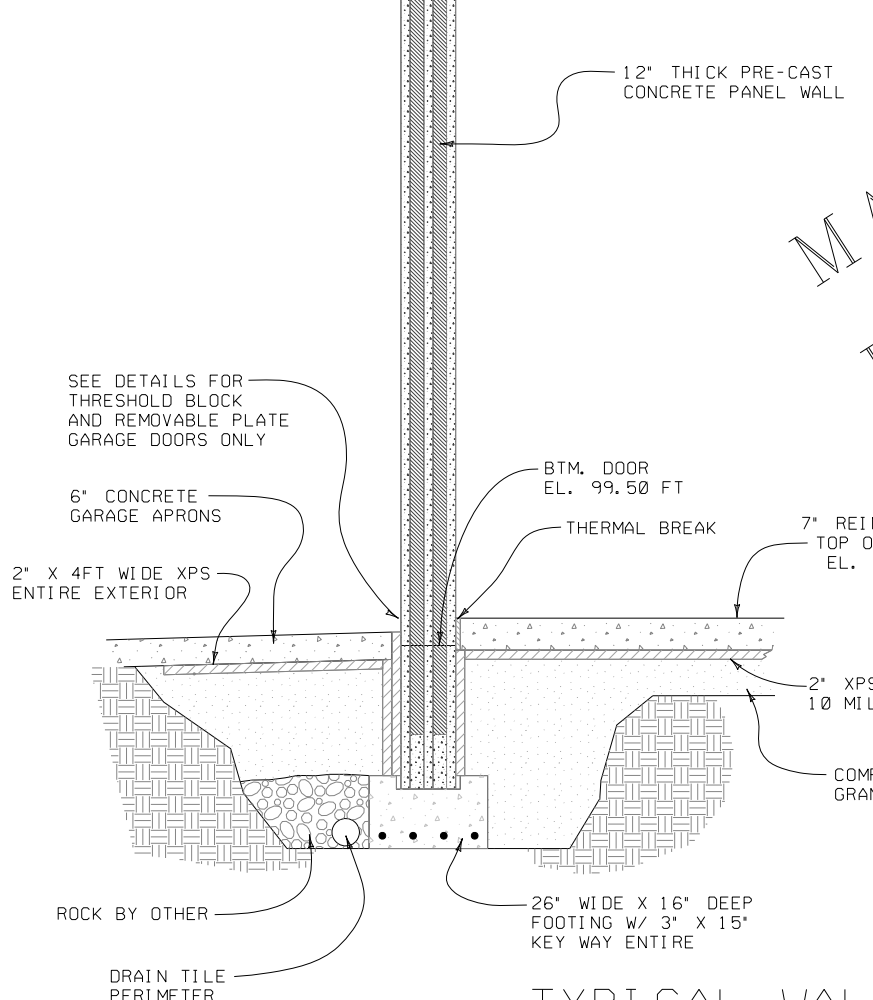
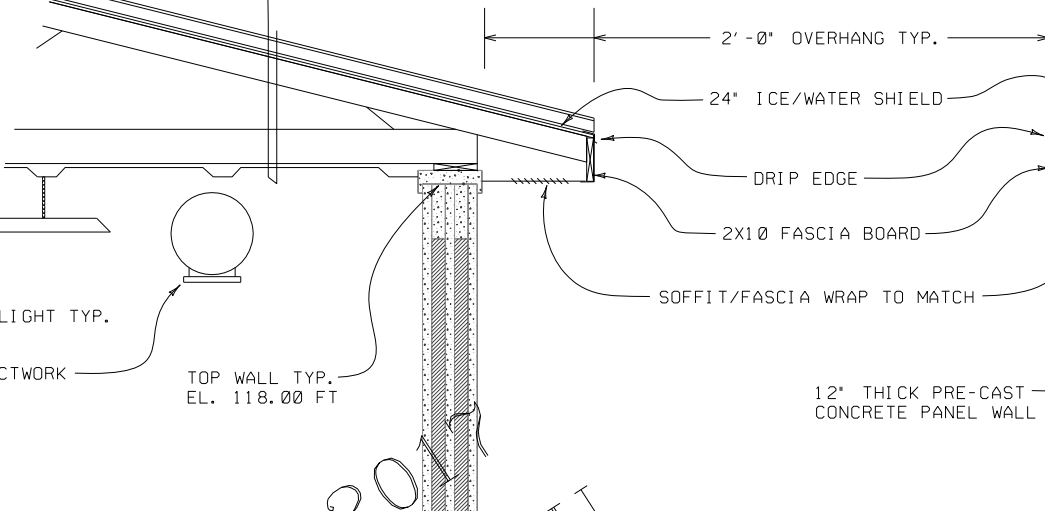
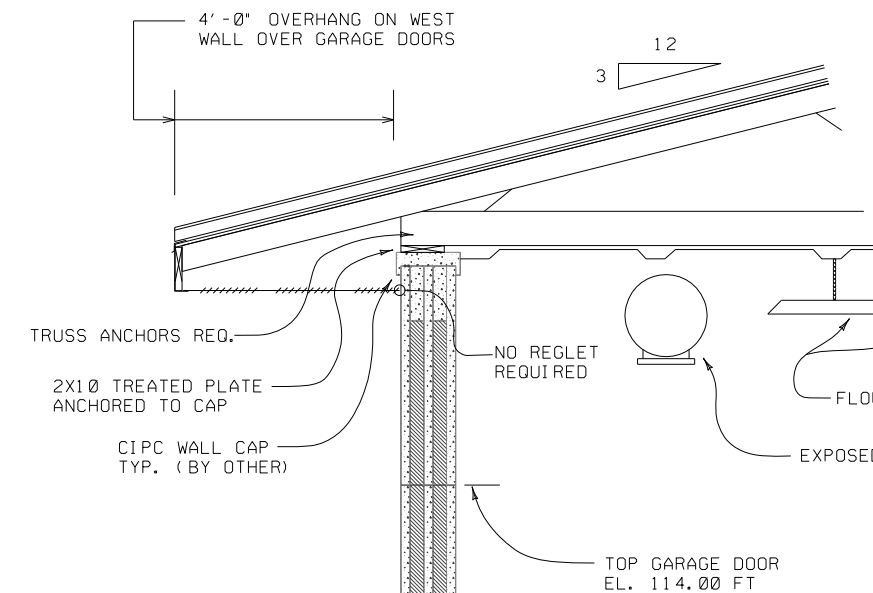
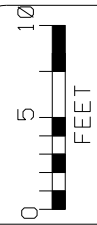
COUNTY: DOUGLAS

SCALE :

SHEET REF:  
**A-06**  
 SHEET 06 OF XX

- ROOF STRUCTURE FIRE GARAGE
- STANDING SEAM METAL ROOF (180°0)
  - UNDERLAYMENT MANF. RECOMMENDATION
  - SHEATHING 1/2" PLYWOOD
  - PRE-MANUFACTURED TRUSS @ 16" O.C.
  - TRUSS BLOCKING REQUIRED
  - R50 INSULATION
  - VAPOR BARRIER
  - PRE-FINISHED METAL PANEL CEILING

- ROOF STRUCTURE TOWN HALL
- STANDING SEAM METAL ROOF (180°0)
  - UNDERLAYMENT MANF. RECOMMENDATION
  - SHEATHING 1/2" PLYWOOD
  - PRE-MANUFACTURED TRUSS @ 16" O.C.
  - R50 INSULATION
  - VAPOR BARRIER
  - 5/8 GYPSUM



MARCH 23 2017  
PRE-WALK THRU

TYPICAL WALL SECTION TOWN HALL

TYPICAL WALL SECTIONS - FIRE GARAGE

BUILDING PLAN  
EXTERIOR WALL SECTIONS

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE COUNTY: DOUGLAS SCALE:

SHEET REF:  
A-09  
SHEET 09 OF 11

GENERAL NOTES

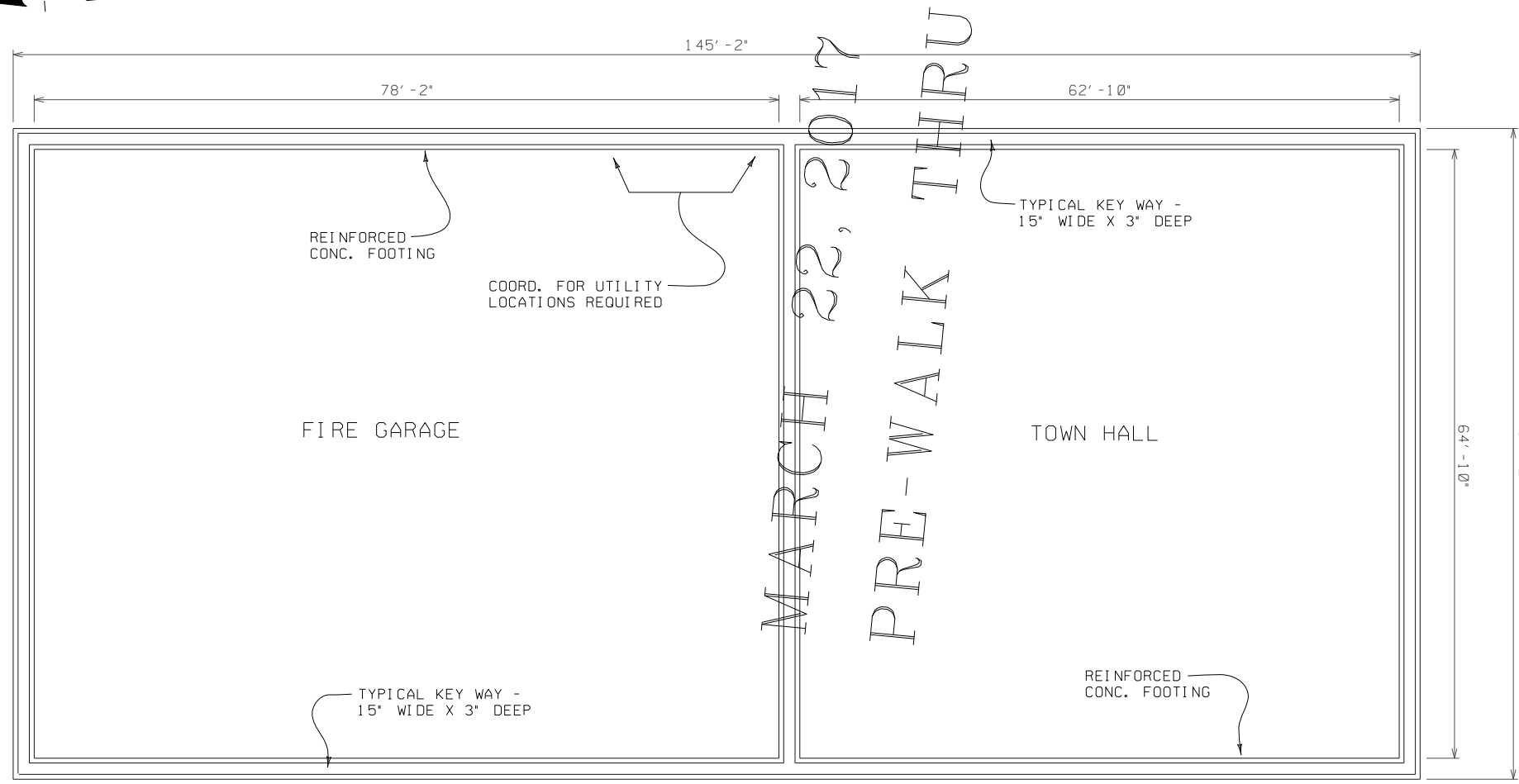
- 1) CONTRACTOR TO CHECK ALL DIMENSIONS, ELEVATIONS, SECTIONS AND DETAILS BETWEEN ARCHITECTURAL, MECHANICAL AND STRUCTURAL PLANS. OWNER REPRESENTATIVE IS TO BE NOTIFIED OF ANY VARIANCE BEFORE CONTRACTOR BEGINS WORK. ALL EQUIPMENT SUPPORTS AND ANCHORAGES TO BE CHECKED WITH MANUFACTURER'S DRAWINGS.
- 2) CONCRETE CONTRACTOR TO PROVIDE AND COORDINATE WITH ALL OTHER TRADES FOR SIZE AND LOCATIONS OF ANY AND ALL OPENINGS, SLEEVES, CONDUITS, PIPING, ETC. OCCURING IN THE WALLS, FOOTINGS, AND FLOORS.
- 3) EXCAVATIONS: IF CONDITIONS SHOULD INDICATE POOR SOIL BEARING CAPACITY AT FOOTING DEPTH INDICATED ON PLANS, THE OWNER REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO ALLOW FOR FOUNDATION DESIGN REVISIONS.

CONCRETE NOTES

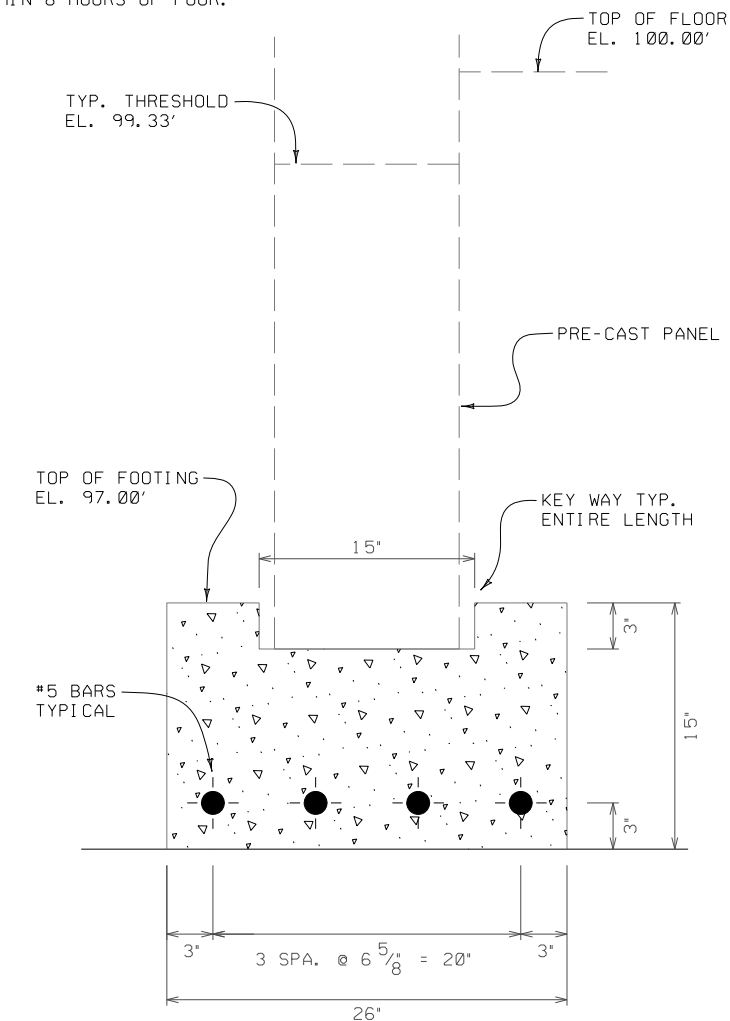
- 1) PERFORM WORK IN ACCORDANCE WITH THE FOLLOWING STANDARDS AND CODES:  
 ACI 301 - SPECIFICATIONS OF STRUCTURAL CONCRETE FOR BUILDINGS  
 ACI 318 - BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE  
 ACI 117 - SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS  
 ACI 315 - MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES
- 2) SEE SPECIFICATIONS FOR MIX DESIGN PARAMETERS AND REQUIREMENTS. MIX DESIGN ADJUSTMENTS MAY BE REQUESTED BY CONTRACTOR WHEN MATERIALS CHARACTERISTICS, JOB CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT, AS ACCEPTED BY OWNER REPRESENTATIVE.
- 3) FOLLOW ACI 305 "HOT WEATHER CONCRETING" WHEN MAXIMUM DAILY TEMP. EXCEEDS 85F, OR RAPID DRYING CONDITIONS EXIST. FOLLOW ACI 306 "COLD WEATHER CONCRETING" WHEN FREEZING CONDITIONS EXIST OR MEAN DAILY TEMPERATURE IS BELOW 40F.

CONCRETE NOTES CONTINUED

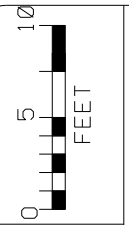
- 4) MINIMUM CONCRETE STRENGTH  
 FOOTINGS. . . . . 3,000 PSI  
 COLUMNS AND PIERS . . . . . 4,000 PSI  
 WALLS, BEAMS, AND SLABS . . . . . 4,000 PSI  
 EXTERIOR SLABS. . . . . 3,500 PSI
- 5) REINFORCING STEEL  
 #2 AND #3 BARS. . . . . F = 40,000 PSI  
 #4 BARS AND LARGER. . . . . F = 60,000 PSI
- 6) PLACE REINFORCEMENT IN ACCORDANCE WITH CRSI - "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS". CLEARANCES NOT INDICATED SHALL CONFORM TO THE FOLLOWING MIN:  
 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH = 3;  
 CONCRETE EXPOSED TO EARTH AND WEATHER  
 NO. 6 BAR AND LARGER = 2"  
 NO. 5 BAR AND SMALLER = 1-1/2"  
 CONCRETE NOT EXPOSED TO EARTH AND WEATHER OR IN CONTACT WITH GROUND = 1-1/2"
- 7) ALL CONCRETE ACCESSORIES SUCH AS CHAIRS, TIES, ETC.. THAT COME IN CONTACT WITH FORM WORK ON EXPOSED CONCRETE SHALL BE GALVANIZED OR COATED.
- 8) LAP CONTINUOUS REINFORCING, WALL BARS, AND DOWELS 3Ø Ø. ALL OTHER LAPPED SPLICES SHALL BE LAPPED 36 BAR Ø. SPLICES SHALL BE STAGGERED FOR GROUPS OF PARALLEL BARS.
- 9) WHERE REINFORCING IS CALLED FOR IN A LOCATION OF THE BUILDING, IT SHALL BE DUPLICATED IN SIMILAR AREAS OF THE BUILDING, UNLESS OTHERWISE STATED.
- 10) SLABS MAY BE POURED AS A CONTINUOUS SCREEDED POUR WITH SAW CUT CONTROL JOINTS AT A MAXIMUM OF 15' UNLESS OTHERWISE STATED. SAW CUTS MADE WITHIN 8 HOURS OF POUR.



FOUNDATION PLAN



FOOTING DETAIL



GENERAL ROOFING PLAN  
LAYOUT & DIMENSIONS

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS SCALE :

SHEET REF:  
**S-01**  
SHEET 07 OF XX





FIRE GARAGE

TOWN HALL

2'-0" OVERHANG TYP.

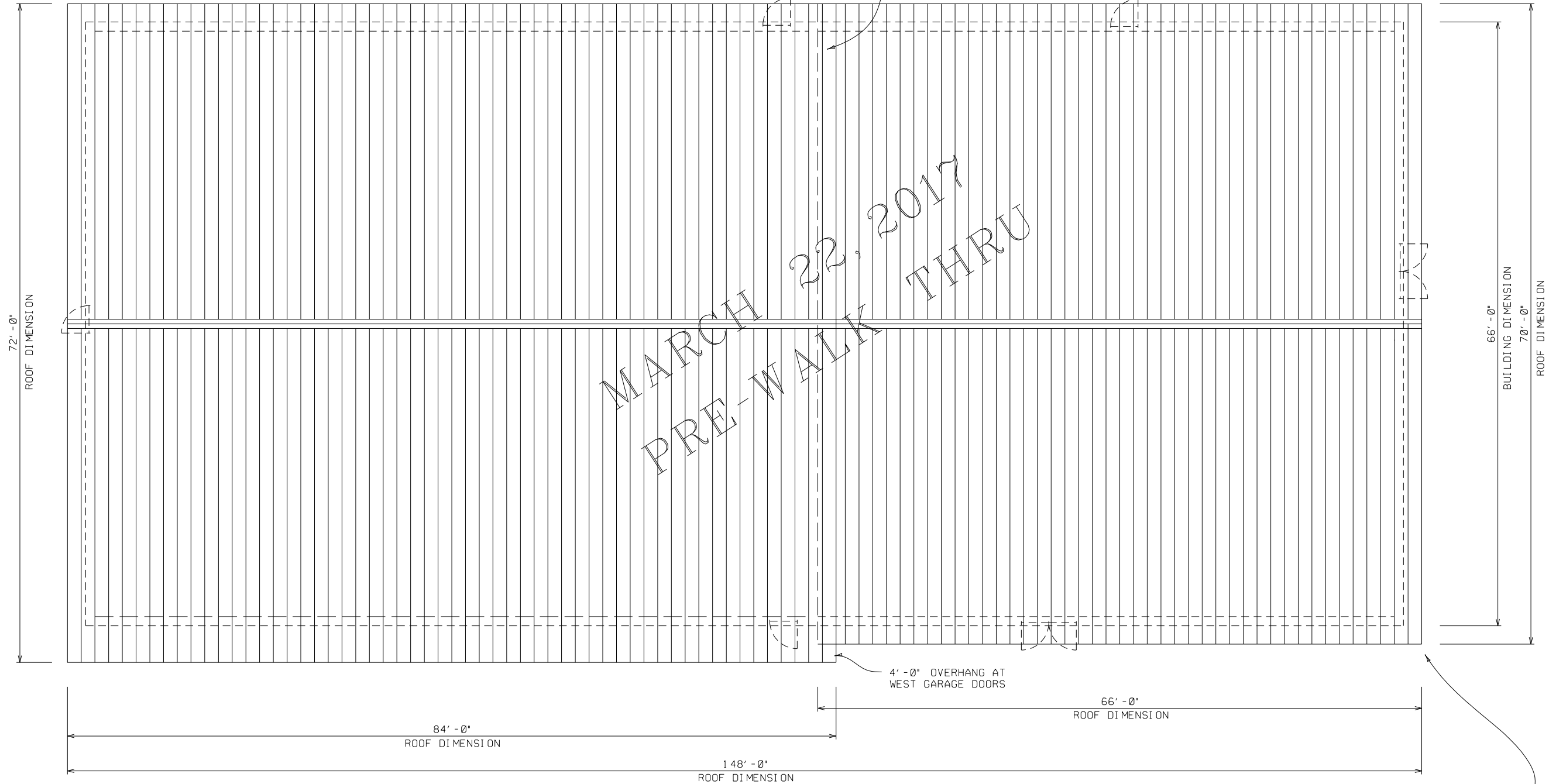
REGLET REQUIRED  
ALONG WALL LINE

2'-0" OVERHANG TYP.

144'-0"  
BUILDING DIMENSION

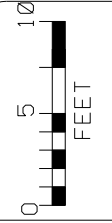
80'-0"  
BUILDING DIMENSION

64'-0"  
BUILDING DIMENSION



NOTE: VERIFY ALL ROOF OPENING  
SIZES WITH TRADE CONTRACTORS

# GENERAL ROOF PLAN



## GENERAL ROOFING PLAN LAYOUT & DIMENSIONS

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS

SCALE :

SHEET REF:  
**S-03**  
SHEET 09 OF XX



TOWN HALL

PRE-MANUFACTURED TRUSSES @ 16' OC

2X10 FASCIA BOARD

2X10 PLATE TREATED

2' - 0" TYP. OVERHANG

66' - 0"



ROOF FRAMING NOTES

- 1) TRUSSES TO BE TRANSPORTED, HANDLED, ERECTED, AND BRACED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
- 2) FRAMING: PRE-MANUFACTURED WOOD TRUSSES @ 16' O.C. SPA. MAXIMUM.
- 3) TRUSSES WILL BE DESIGNED FOR ALL DEAD AND LIVE LOADING INCLUDING DRIFT LOADING - SPACING IN DRIFT LOAD AREA MAY BE REDUCED.
- 4) PROVIDE MINIMUM 1.0' "ENERGY" HEEL AT WALL LOCATIONS.
- 5) PROVIDE BRIDGING AS REQUIRED BY MANUFACTURER.
- 6) PROVIDE "HURRICANE" CLIPS AT TOE OF EACH TRUSS LOADED FOR DESIGNATED UPLIFT LOADS.
- 7) 5/8" PLYWOOD SHEATHING W/ H-CLIP SPACERS REQUIRED.
- 8) VERIFY ALL ROOF OPENING SIZES AND LOCATIONS WITH TRADE CONTRACTORS - COORDINATION REQUIRED.

END TRUSS SECURED TO WALL - REGLET REQUIRED FOR FINAL DECKING

FIRE GARAGE

PRE-CAST CONCRETE PANEL WALL BETWEEN FIRE GARAGE AND TOWN HALL

BRACING REQUIRED FIRST TWO TRUSSES - TYPICAL

PRE-MANUFACTURED TRUSSES @ 16' OC

2X10 PLATE TREATED

2X10 FASCIA

BRACING REQUIRED FIRST TWO TRUSSES - TYPICAL

2X10 FASCIA

END TRUSS SECURED TO INTERIOR WALL

70' - 0"

END WALL EXTENDS TO ROOF HEIGHT

BRIDGING

DROP TRUSS AT WALL LOCATION

ROOF FRAMING - TOWN HALL

MARCH 22, 2017  
PRE-WALK THRU

ROOF STRUCTURE FRAMING  
TOWN HALL AREA PLAN

SCALE :

COUNTY: DOUGLAS

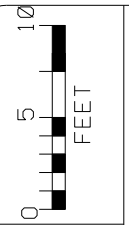
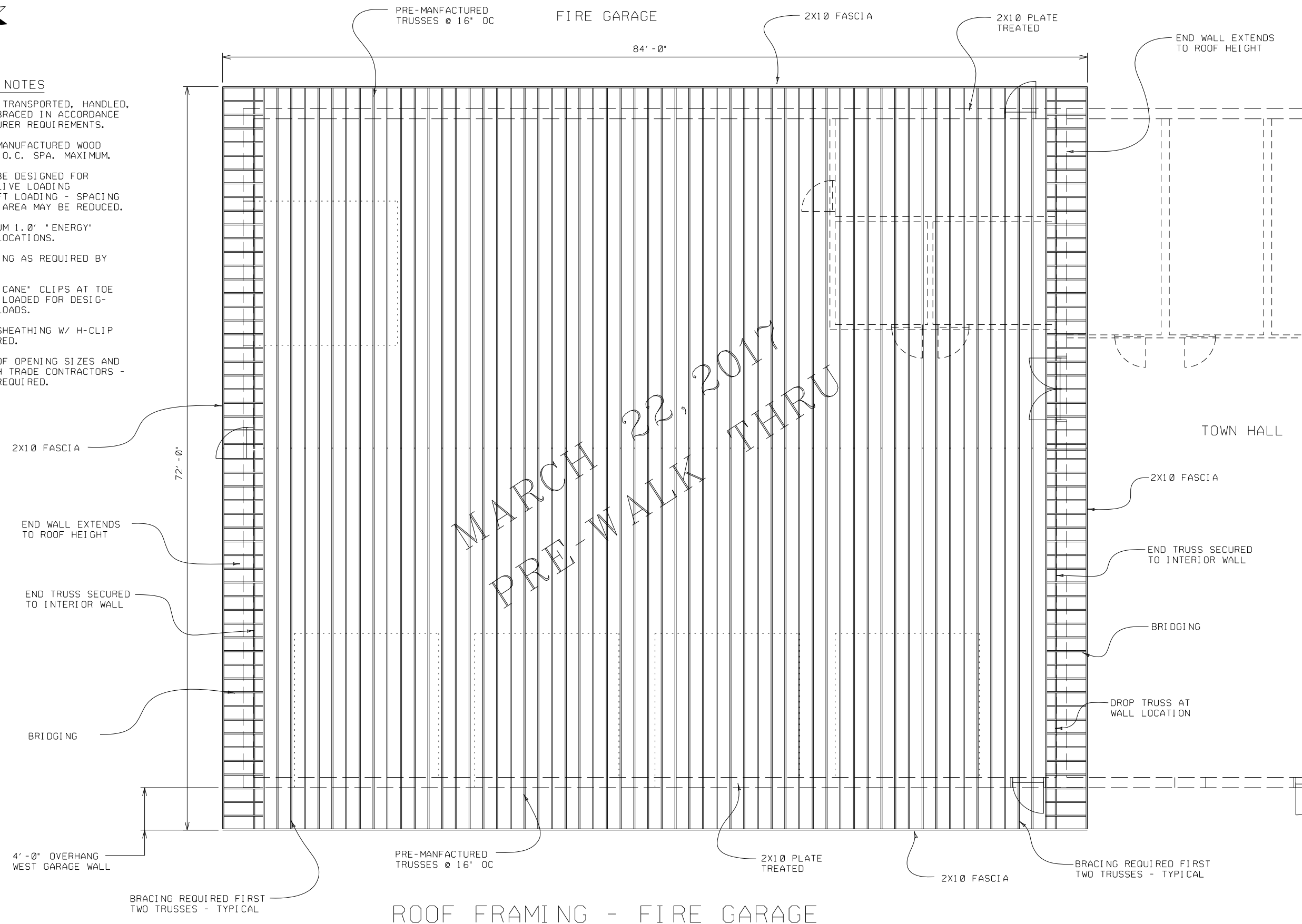
PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

SHEET REF:  
**S-04**  
SHEET 10 OF XX



**ROOF FRAMING NOTES**

- 1) TRUSSES TO BE TRANSPORTED, HANDLED, ERECTED, AND BRACED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
- 2) FRAMING: PRE-MANUFACTURED WOOD TRUSSES @ 16" O.C. SPA. MAXIMUM.
- 3) TRUSSES WILL BE DESIGNED FOR ALL DEAD AND LIVE LOADING INCLUDING DRIFT LOADING - SPACING IN DRIFT LOAD AREA MAY BE REDUCED.
- 4) PROVIDE MINIMUM 1.0' "ENERGY" HEEL AT WALL LOCATIONS.
- 5) PROVIDE BRIDGING AS REQUIRED BY MANUFACTURER.
- 6) PROVIDE "HURRICANE" CLIPS AT TOE OF EACH TRUSS LOADED FOR DESIGNATED UPLIFT LOADS.
- 7) 5/8" PLYWOOD SHEATHING W/ H-CLIP SPACERS REQUIRED.
- 8) VERIFY ALL ROOF OPENING SIZES AND LOCATIONS WITH TRADE CONTRACTORS - COORDINATION REQUIRED.



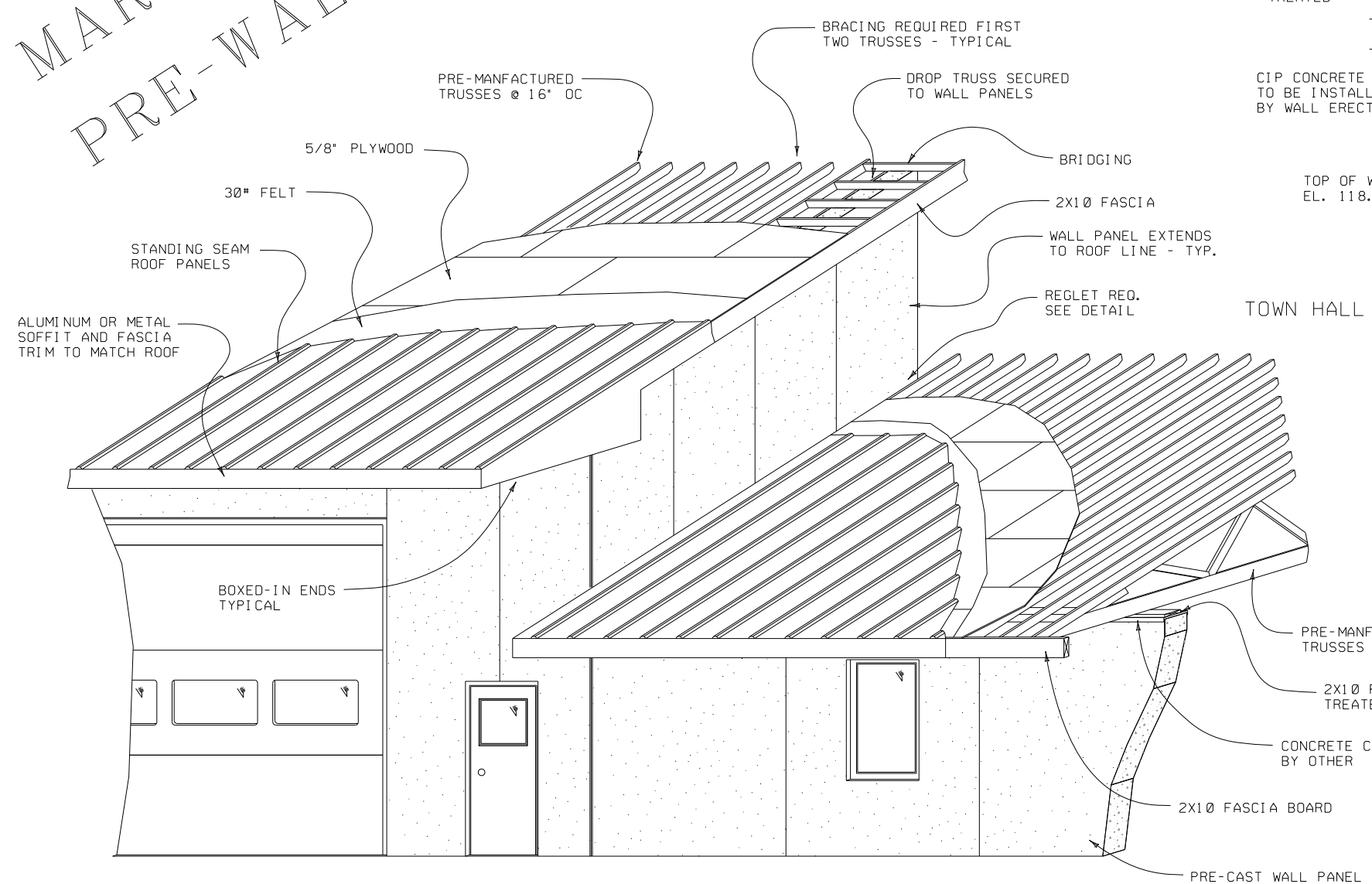
**ROOF STRUCTURE FRAMING**  
**FIRE GARAGE AREA PLAN**

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE      COUNTY: DOUGLAS      SCALE:

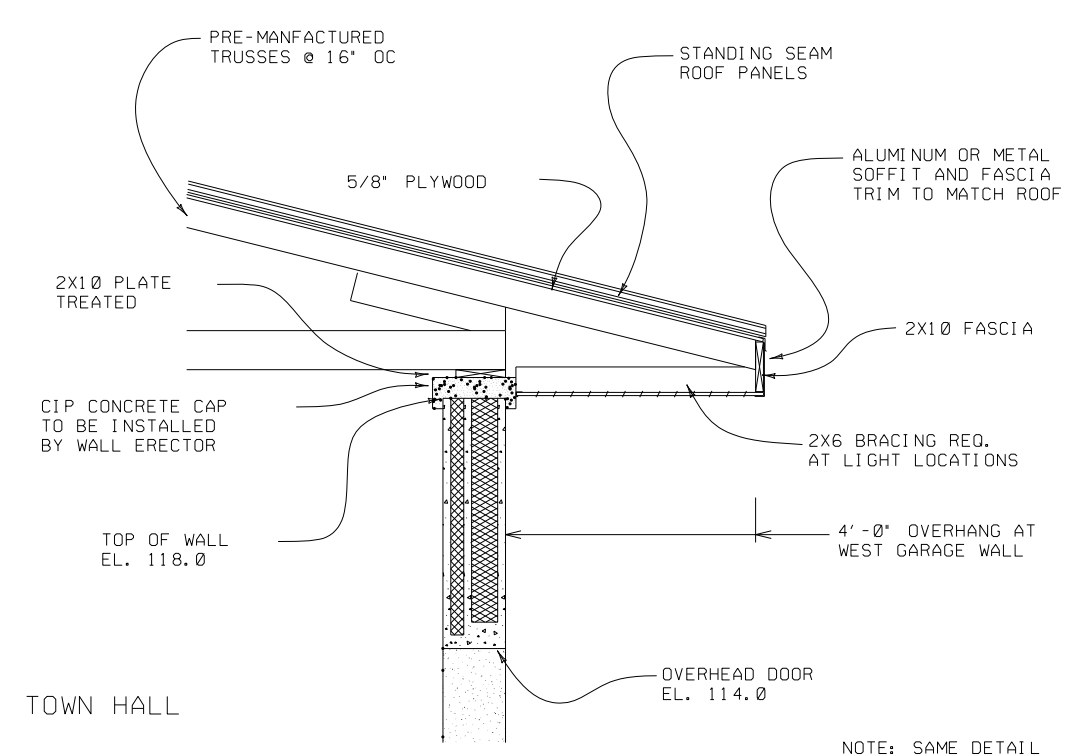
SHEET REF:  
**S-05**  
 SHEET 11 OF XX

**ROOF FRAMING - FIRE GARAGE**

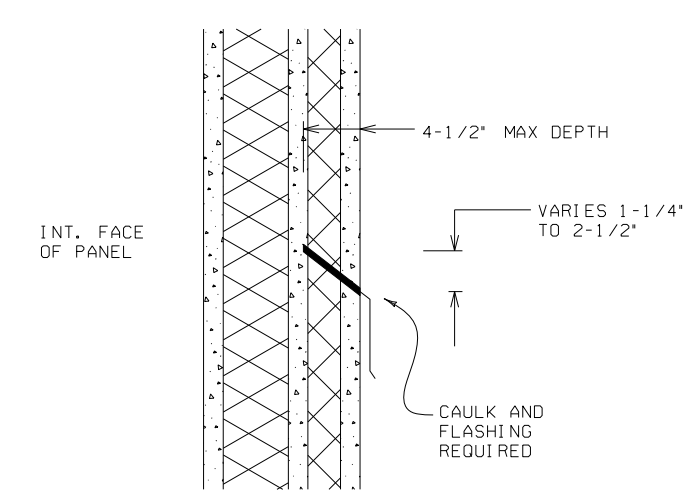
MARCH 22, 2017  
 PRE-WALK THRU  
 FIRE GARAGE



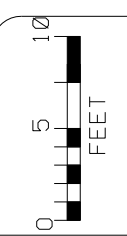
ROOFING DETAIL - GARAGE & HALL



SOFFIT DETAIL - GARAGE



REGLET DETAIL



ROOF STRUCTURE DETAILS  
 GENERAL DETAILS AND SOFFIT

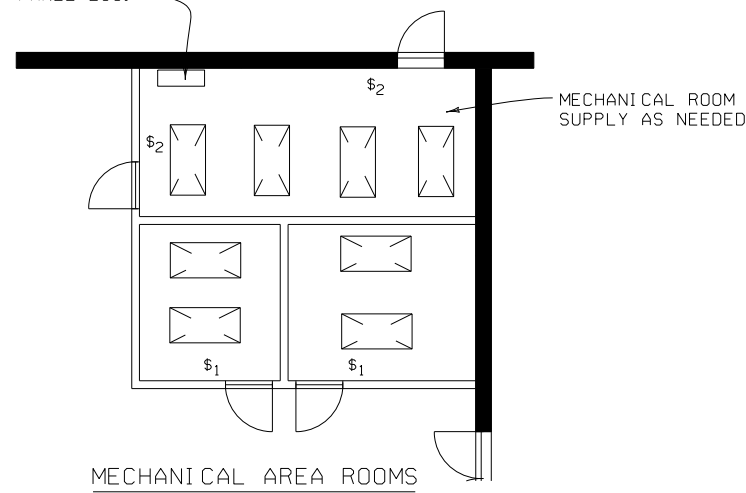
PROJECT: OAKLAND TOWN HALL & FIRE GARAGE  
 COUNTY: DOUGLAS  
 SCALE:

SHEET REF:  
**S-06**  
 SHEET 12 OF XX

**ELECTRICAL NOTES**

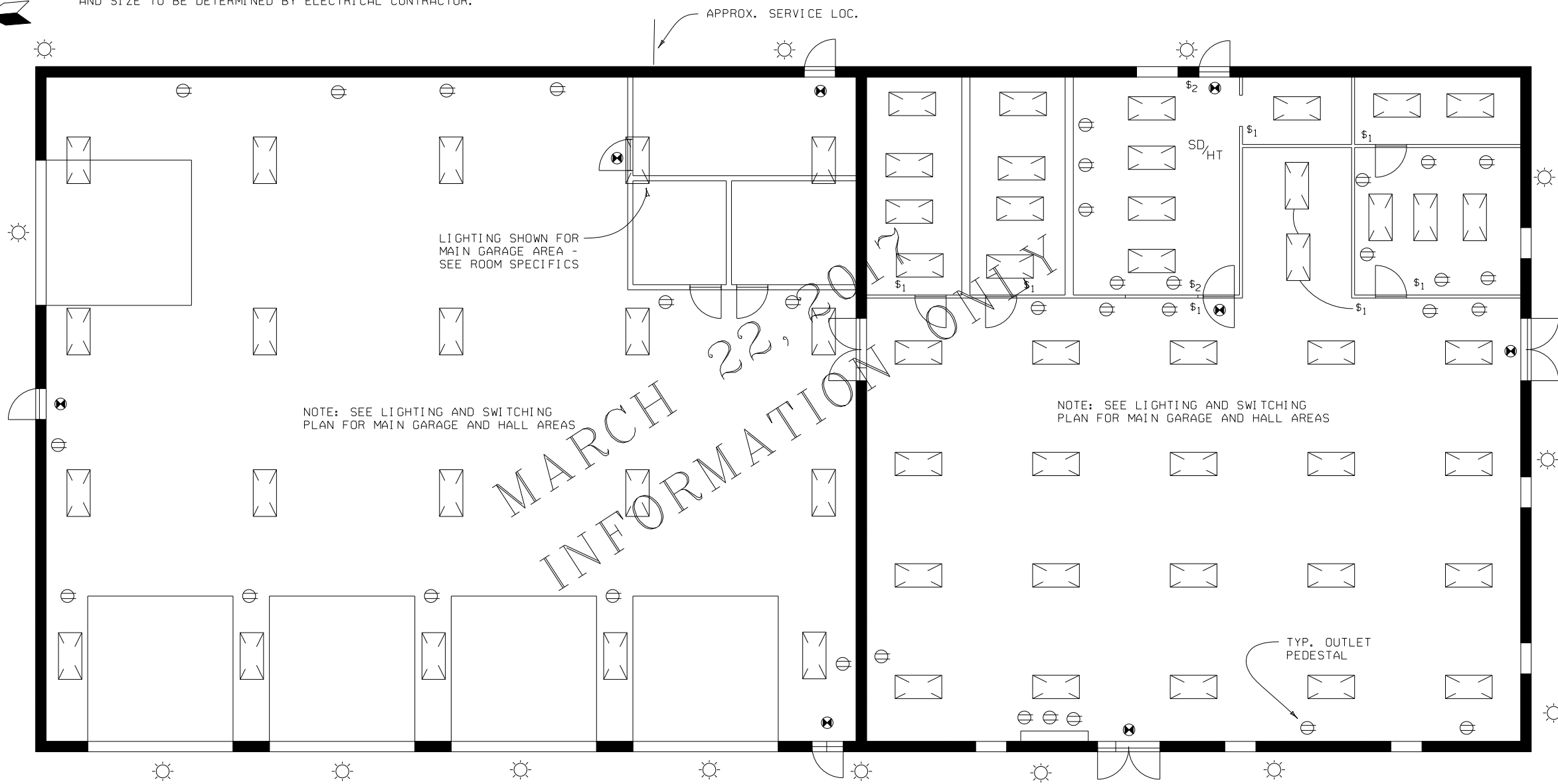
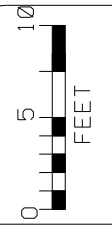
- 1) CONTRACTOR TO CHECK ALL DIMENSIONS, ELEVATIONS, SECTIONS AND DETAILS BETWEEN ARCHITECTURAL, MECHANICAL AND STRUCTURAL PLANS . OWNER REPRESENTATIVE IS TO BE NOTIFIED OF ANY VARIANCE BEFORE CONTRACTOR BEGINS WORK.
- 2) ELECTRICAL CONTRACTOR TO PROVIDE AND COORDINATE WITH ALL OTHER TRADES FOR SIZE AND LOCATIONS OF ANY AND ALL ELECTRICAL SUPPLY REQUIREMENTS.
- 3) ELECTRICAL FIXTURE LOCATIONS INCLUDING LIGHTS, OUTLETS, AND FIRE/SAFETY APPARATUSES ARE APPROXIMATE AND INTENDED TO BE A MINIMUM REQUIREMENT. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROVIDE LOCATIONS AND NUMBERS TO MEET STATE CODE.
- 4) ELECTRICAL CONTRACTOR SHALL COORDINATE PERMITTING WITH OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY INFORMATION REQUIRED TO OBTAIN REQUIRED PERMITS.
- 5) IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY METER LOCATION, CABLE SIZES, AND THEIR RESPECTIVE LOCATIONS.
- 6) ALL WIRING, CONDUIT, FIXTURES, AND EQUIPMENT INSTALLATION SHALL COMPLY WITH STATE CODES. FIXTURES SHALL BE U.L. APPROVED TYPE , INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- 7) PANEL LOCATION ON PLAN FOR INFORMATION PURPOSES ONLY. FINAL LOCATION AND SIZE TO BE DETERMINED BY ELECTRICAL CONTRACTOR.

APPROX. PANEL LOC.



**KEY**

\$	SWITCH
\$3	SWITCH 3-WAY
☀	EXTERIOR LIGHT-RECESSED 60W
☐	LIGHT-2 BULB FLUORSCNT
☉	EXTERIOR PHOTOSENSOR
⊖	FAN
⊖	OUTLET-DUPLEX
⊖	OUTLET-FURNACE
⊗	EXIT LIGHT
SD	SMOKE DETECTOR-HARDWIRE
SD/HT	SMOKE/HEAT DETECT-HARDWIRE



**GENERAL ELECTRICAL PLAN**

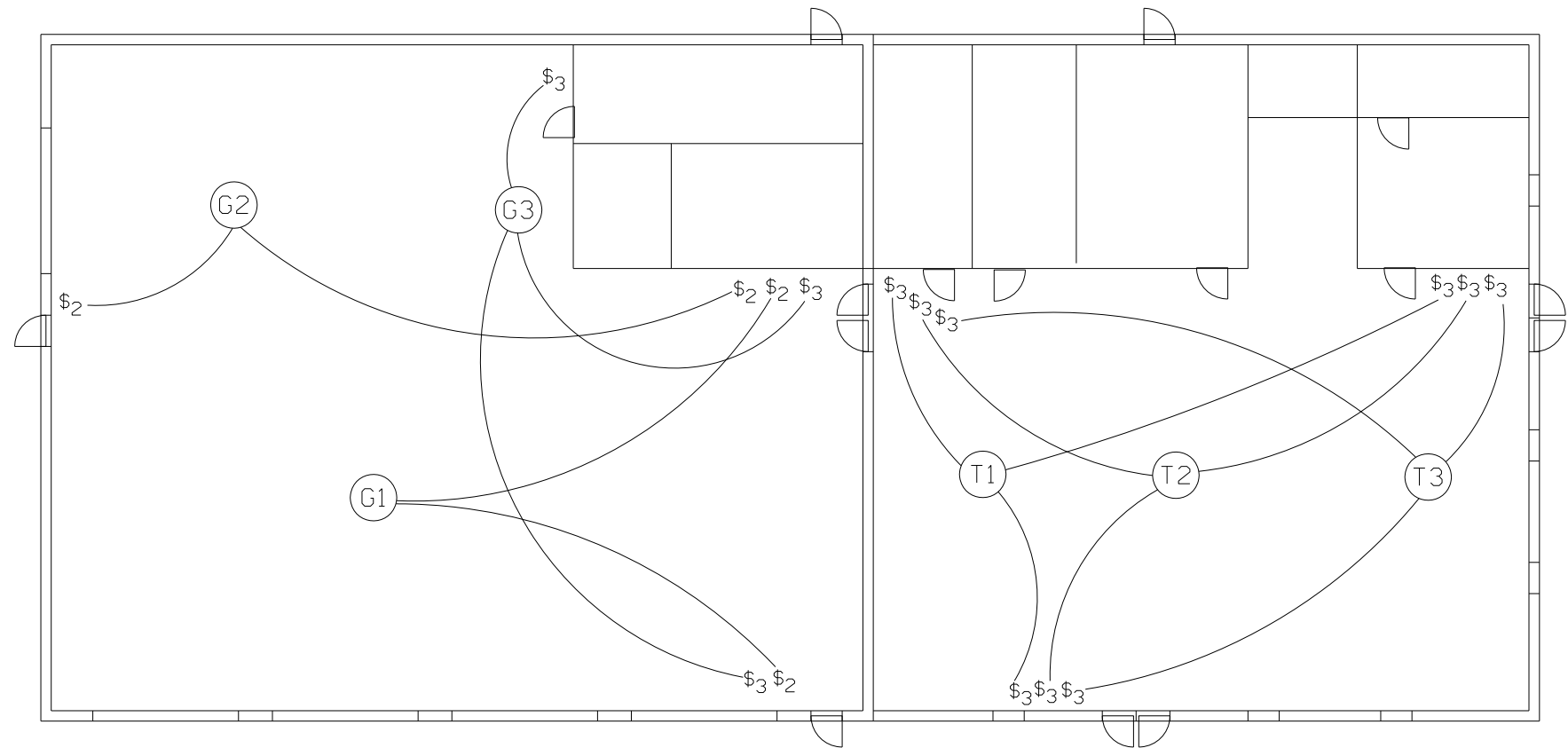
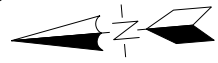
**GENERAL ELECTRICAL PLAN**  
**LAYOUT & NOTES**

COUNTY: DOUGLAS SCALE :

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

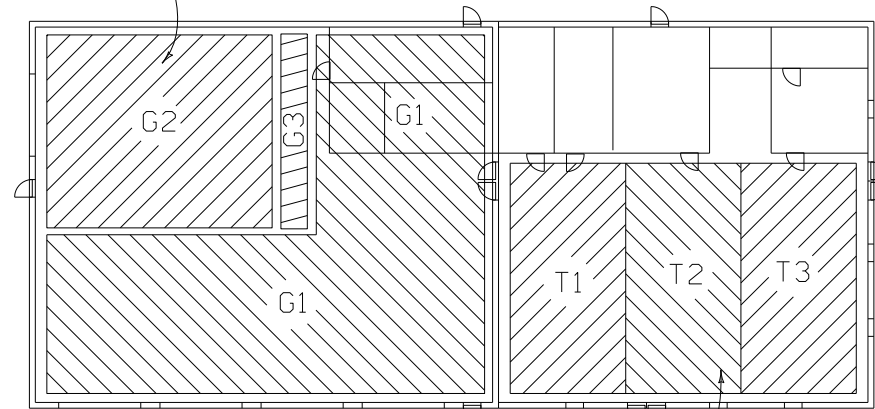
SHEET REF:  
**E-01**  
 SHEET 13 OF XX

MARCH 22, 2017  
 INFORMATION ONLY



MAIN AREAS LIGHTING AND SWITCHING PLAN

LIGHTING AREAS



LIGHTING AREAS

LIGHTING AND SWITCHING AREAS KEY



LIGHTING AND SWITCHING PLAN  
 TOWN HALL & FIRE GARAGE

PROJECT: OAKLAND TOWN HALL & FIRE GARAGE

COUNTY: DOUGLAS

SCALE: \$\$. . . . . PLOTSCALE. . . . . \$\$. . . . .

SHEET REF:  
**E-02**  
 SHEET 14 OF XX