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GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 1986, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, THIRTEENTH EDITION, AND ITS LATEST REVISIONS.
2. THIS PROJECT HAS BEEN SET UP FOR ALTERNATE BIDS.
 - A. CAST-IN-PLACE CONCRETE WALL
 - B. TIMBER BINWALL
3. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE.
4. IN ALL HORIZONTAL CONSTRUCTION JOINTS, SHEAR KEYS SHALL BE FORMED, AS DETAILED ON DETAIL SHEET 5, AND THEY SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE JOINT. ANY UPWARD KEY SHALL BE PLACED INTEGRALLY WITH THE CONCRETE BELOW THE JOINT.
5. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2 INCHES IN BACK FACES OF WALLS AGAINST EARTH AND 3 INCHES ELSEWHERE.
6. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1 INCH BY 1 INCH.
7. ALLOWABLE DESIGN STRESSES:

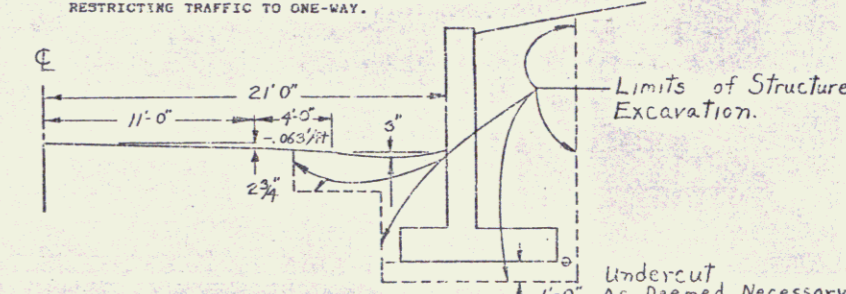
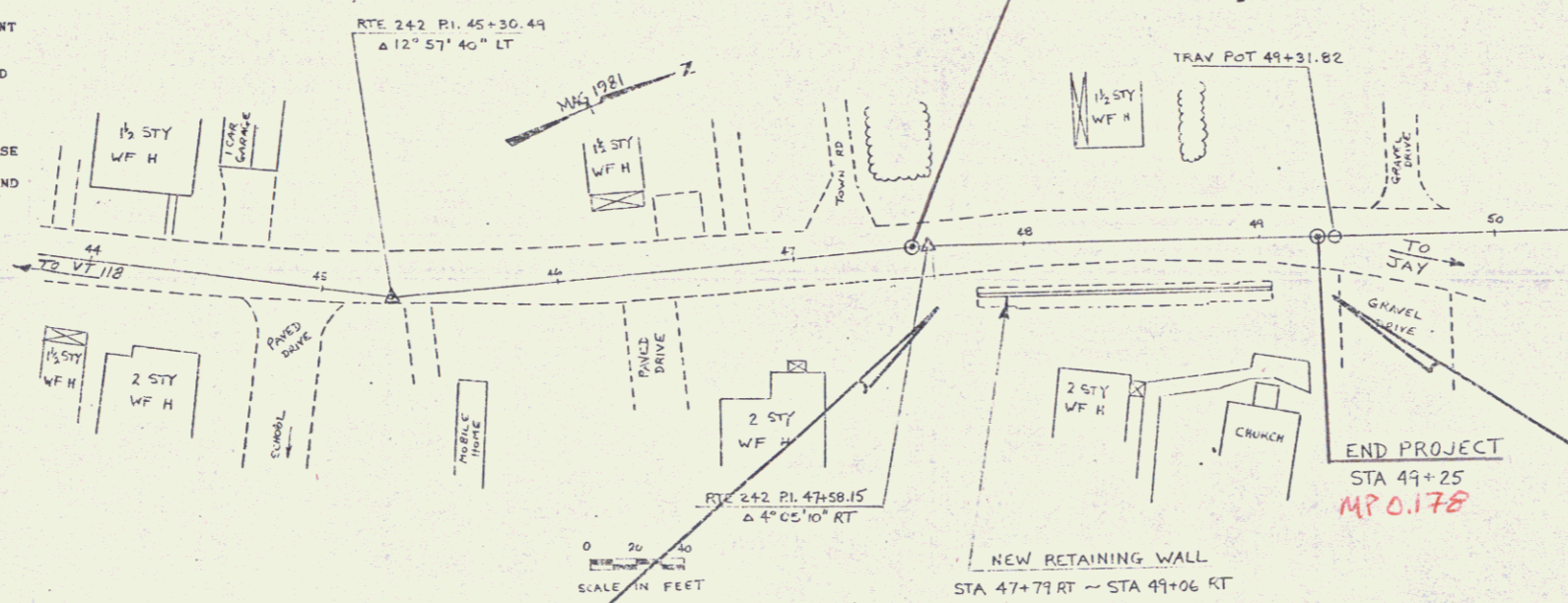
CONCRETE CLASS 'B'	GRADE 60 STEEL
$f'_c = 3500 \text{ psi}$	TENSION 24,000 psi
$f_c = 1400 \text{ psi}$	COMPRESSION 20,000 psi
8. REINFORCING PLACEMENT PLUS OR MINUS TOLERANCES SHALL BE AS FOLLOWS:

CLEARANCE TOLERANCE:	PLUS OR MINUS 1/4 INCH
SPACING TOLERANCE:	PLUS OR MINUS 1 INCH
9. TURN ESTABLISHMENT SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER ITEMS IN THE CONTRACT. SEE GENERAL SPECIAL PROVISIONS.
10. NO BORINGS WERE TAKEN ON THIS PROJECT. SUBSURFACE CONDITIONS MAY VARY FROM THE CONDITIONS ASSUMED FOR DESIGN. THE WALLS FOOTINGS ARE TO BE UNDERCUT ONE FOOT (1'-0") AND PAID FOR UNDER THE ITEM "STRUCTURE EXCAVATION". THIS AREA SHALL BE BACKFILLED WITH "GRANULAR BACKFILL FOR STRUCTURES".
11. THE HEIGHT OF FILL BEHIND WALLS SHALL BE LIMITED TO FIVE FEET UNTIL SUB-BASE OF GRAVEL HAS BEEN PLACED IN FRONT OF WALL.
12. THE 6" UNDERDRAIN AT THE BACK OF THE WALLS IS TO BE PLACED AS 6" UNDERDRAIN AND PAID FOR UNDER THE ITEM "6 INCH UNDERDRAIN CARRIER PIPE".
13. THE REMOVAL OF EXISTING WALL, EXCAVATION FOR NEW WALL, EXCAVATION FOR UNDERDRAIN, AND REMOVAL OF EXISTING SUB-BASE AS DETAILED ON PLANS SHALL BE PAID FOR UNDER THE ITEM "STRUCTURE EXCAVATION". THE EXCAVATION FOR 16" CSP PIPE AND D1 SHALL BE PAID FOR UNDER THE ITEM "TRENCH EXCAVATION OF EARTH". THE ITEM "COMMON EXCAVATION" IS AN ESTIMATED QUANTITY FOR USE IF DEEMED NECESSARY BY THE RESIDENT CONVENTIONAL SIGNS

- ENGINEER
- NOTES CONTINUED ON THIS SHEET
- COUNTY LINE
 - TOWN LINE
 - LIMITS OF ACCESS
 - POINT OF ACCESS
 - FENCE LINE
 - STONE WALL
 - TRAVELED WAY
 - GUARD RAIL
 - RAILROAD
 - SURVEY LINE
 - CULVERT
 - POWER POLE
 - TELEPHONE POLE
 - TREES
 - CONTROL OF ACCESS
 - PROPERTY LINE
 - R.O.W. TAKING LINE
 - SLOPE RIGHTS
 - TOP OF CUT
 - TOP OF SLOPE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

BEGIN R.O.W. PROJECT
STA. 47+60 RT.



TYPICAL REINFORCED CONCRETE WALL SECTION
Scale 1" = 5'

END R.O.W. PROJECT
STA. 49+31 RT.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE VERMONT A.O.T. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1986, FOR USE ON THESE PROJECTS, INCLUDING ALL SUBSEQUENT PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED: David B. Kelley, DATE: 6/7/89
Dir., Dept. of Engineering and Construction

APPROVED: [Signature], DATE: 6/7/89
Chief, Property Administration

MONTGOMERY
Project No. MA 3705

SHEET 1 OF 2 SHEETS
SJB 7/21/81

STATE OF VERMONT
AGENCY OF TRANSPORTATION



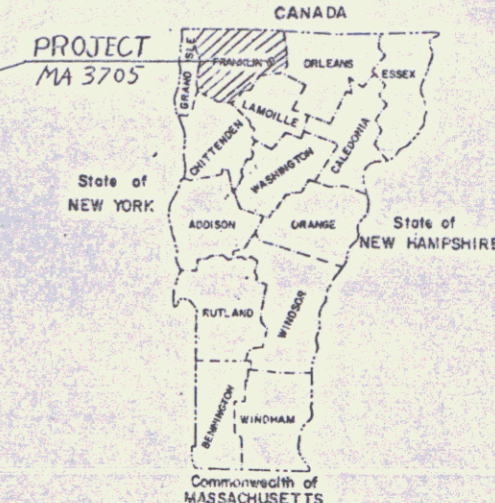
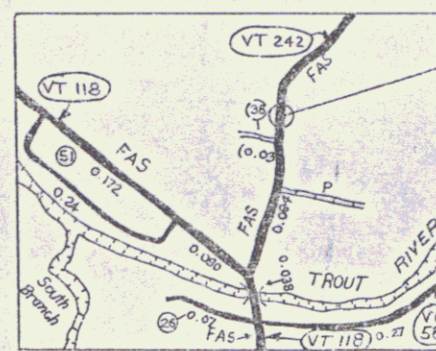
PROPOSED IMPROVEMENT
BRIDGE PROJECT

TOWN OF MONTGOMERY
COUNTY OF FRANKLIN

ROUTE NO. VT 242

PROJECT LOCATION: BEGINNING AT A POINT APPROX. 0.14 MI NORTHEASTERLY OF
ALONG VT 242
THE INTERSECTION OF VT RTE 118 & VT RTE 242 AND EXTENDING NORTHEASTERLY FOR 0.032 MI
PROJECT DESCRIPTION: REMOVE OLD CONCRETE RETAINING WALL AND REPLACE WITH
NEW WALL AND RELATED DRAINAGE SYSTEM

LENGTH OF PARTICIPATION ROADWAY:	FEET
LENGTH OF NON-PARTICIPATION ROADWAY:	FEET
LENGTH OF PROJECT:	175.0 FEET
LENGTH OF R.O.W. PROJECT	171.0 FEET

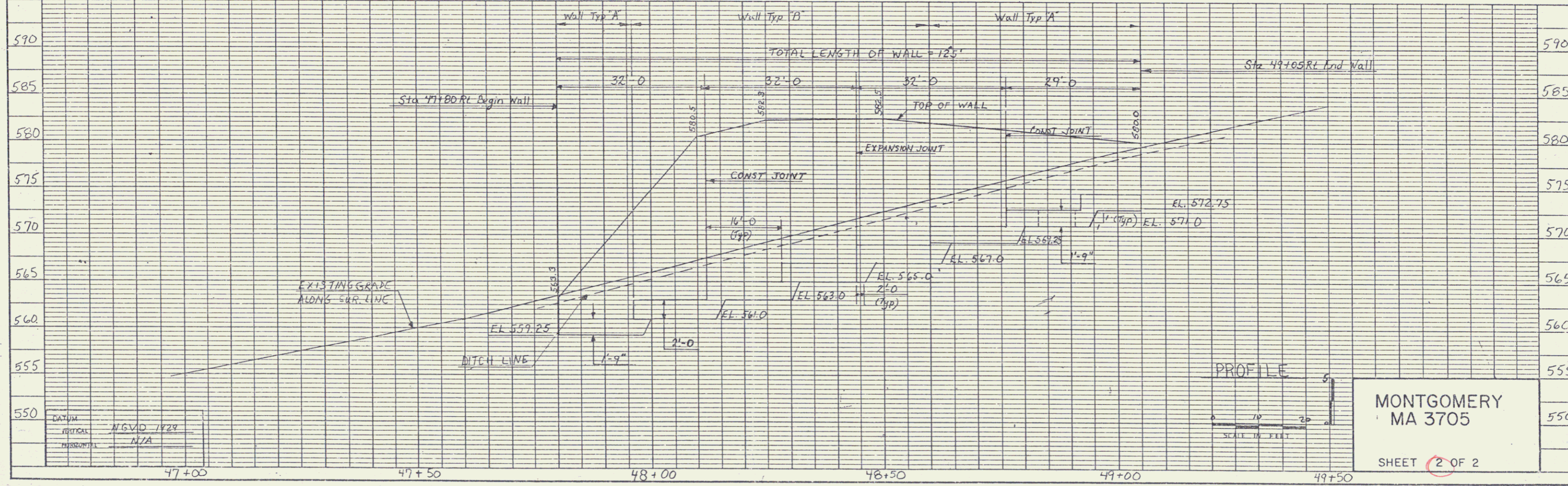
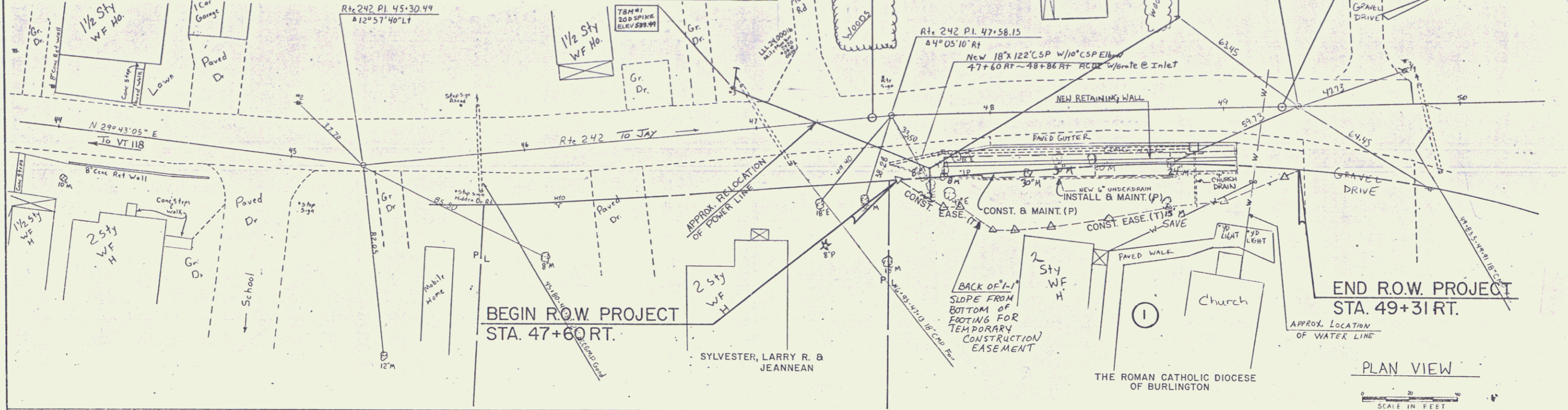


242

checked m/c 2/24/00

8/9/90

PARCEL NO.	GRANTOR	BEGINNING STATION	ENDING STATION	RIGHTS	TITLE TAKEN	DATE	TOWN RECORD'D BK.	PG.	REMARKS
1	THE ROMAN CATHOLIC DIOCESE OF BURLINGTON	47+60 RT. 47+79 RT. 47+74 RT. 48+87 RT.	49+31 RT. 49+06 RT. 49+06 RT.	CONST. EASE. (T) 0.06 A ± CONST. & MAINT. (P) INSTALL & MAINT. (P) ALL RT & I	000	12-14-89	MONTGOMERY	38	196-97 2614 S.F. ± CONC. WALL FOOTING UNDERDRAIN UNDERDRAIN Pipes & Structures 1-7-90



PLAN
DATE: _____
SCALE: _____
DRAWN BY: _____
CHECKED BY: _____
NOTED BY: _____
NO. _____

PROFILE
DATE: _____
SCALE: _____
DRAWN BY: _____
CHECKED BY: _____
NOTED BY: _____
NO. _____