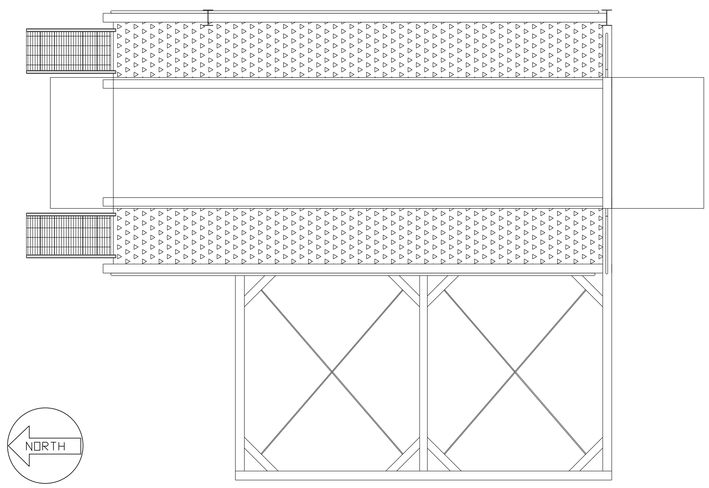
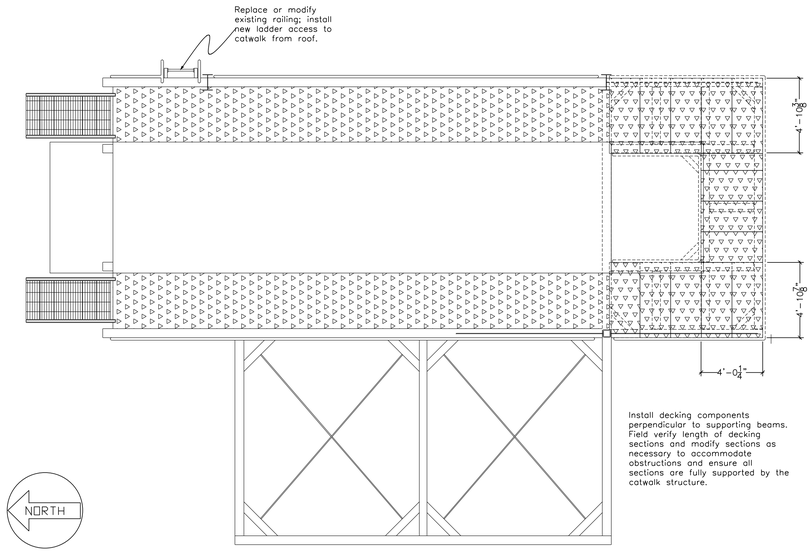


Plan View – Existing
Scale: 1/4" = 1'



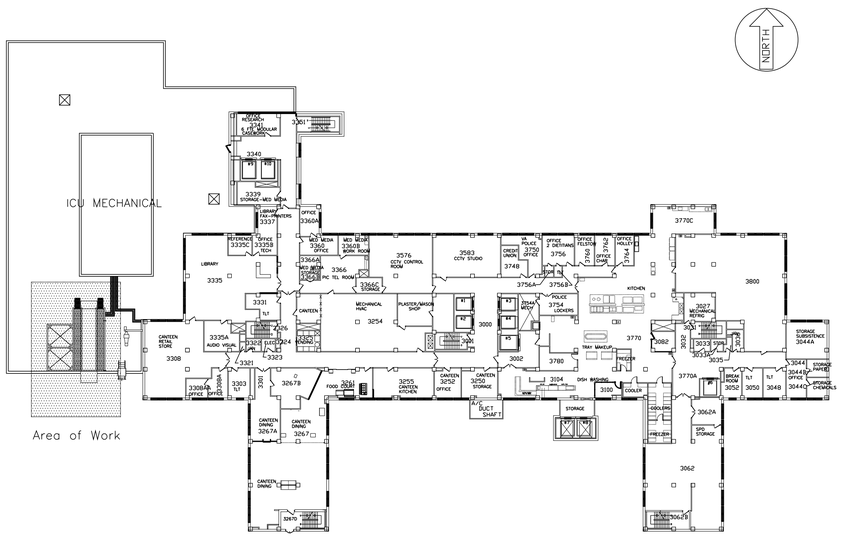
Plan View – New Construction
Scale: 1/4" = 1'

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL INSPECT THE SITE, STUDY EXISTING CONDITIONS, REVIEW THE DRAWINGS AND SPECIFICATIONS, AND ADJUST FOR ACTUAL FIELD CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. SITE ACCESS CAN BE OBTAINED BY CONTACTING THE VA CONTRACTING REPRESENTATIVE.
2. ACTUAL DIMENSIONS OF EXISTING STRUCTURE MAY VARY SLIGHTLY FROM THE DIMENSIONS SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF STEEL COMPONENTS. CONTRACTOR MAY MODIFY DIMENSIONS CONSISTENT WITH THE INTENT OF THESE SPECIFICATIONS TO FACILITATE FABRICATION AND ASSEMBLY.
3. ALL AREAS SHALL BE KEPT FREE OF MATERIAL AND DEBRIS. ON-SITE STORAGE OF MATERIAL AND EQUIPMENT SHALL BE LIMITED, AND ONLY IN A LOCATION(S) DESIGNATED BY THE OWNER. MATERIAL SHALL BE STORED OFF-SITE UNTIL TIME OF INSTALLATION.
4. PROTECT ALL WORK AREAS AND EQUIPMENT FROM DAMAGE.
5. ALL MATERIAL SHALL BE NEW, OF THE BEST QUALITY, AND FREE FROM DEFECTS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURES AND EQUIPMENT RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE ANY DAMAGE TO ITS PRIOR CONDITION.
7. THE CONTRACTOR SHALL WORK WITH CONDITIONS AS THEY EXIST ON-SITE.
8. WELDS, WHERE SPECIFIED, SHALL BE CONTINUOUS FILLET WELDS WITH $\frac{3}{8}$" MINIMUM DEPTH UNLESS OTHERWISE NOTED. DEPTH OF WELDS SHALL NOT EXCEED MAXIMUM DEPTH ALLOWED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. ALL WELDS, EXCEPT TO EXISTING STRUCTURE, SHALL BE SHOP-WELDED IN A CONTROLLED ENVIRONMENT AND IN A MANNER APPROPRIATE TO THE MATERIAL BEING WELDED. FIELD WELDS SHALL BE COMPLETED AS PRESCRIBED IN THE SPECIFICATIONS.
9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS, AND INDUSTRY PRACTICES.
10. ALL STEEL COMPONENTS SHALL BE HIGH STRENGTH-LOW ALLOY, HOT-DIPPED GALVANIZED (ZINC), AS SPECIFIED.
11. GALVANIZED COATING REMOVED DURING THE FABRICATION PROCESS SHALL BE REPAIRED PER THE SPECIFICATIONS.
12. ALL NUTS SHALL BE DISTORTED THREAD TYPE CENTERLOCK NUTS, FABRICATED OF THE SAME GRADE AND TYPE OF STEEL AS THE BOLTS.
13. ALL BOLT HOLES SHALL BE WITHIN $\frac{1}{16}$" OF THE BOLT DIAMETER UNLESS OTHERWISE NOTED IN THE DRAWINGS (SEE DRAWING 2.10 FOR EXCEPTION).
13. EXISTING PAINTED SURFACES THAT HAVE PAINT REMOVED AS PART OF CONSTRUCTION SHALL BE FIELD PRIMED AND PAINTED TO MATCH EXISTING, PER SPECIFICATIONS.
14. ALL NEWLY INSTALLED STRUCTURAL COMPONENTS SHALL BE LEVEL AND PLUMB TO A TOLERANCE OF $\frac{1}{8}$" PER FOOT.
15. FINISHES:
    A. EXISTING STRUCTURE AND RAILING ON SHEET S3: MATCH EXISTING
    B. NEW STEEL, EXCEPT RAILING AND KICK PLATE: HOT-DIPPED GALVANIZED (ZINC)
    C. RAILING, KICK PLATE, AND LADDER (SHEET S3): SAFETY YELLOW, ENAMEL, PRIME AND PAINT PER SPECIFICATIONS

Structural Components

Component	Description	ASTM Steel Designation	Nominal Depth	Nominal Width	Plate Thickness	Web Thickness	Flange Thickness	Weight	Notes
Structural I-Beam	W 14x34	A242-04(2009)	14"	$6\frac{3}{4}$"	–	$\frac{1}{4}$"	$\frac{3}{8}$"	34 lb/lf	Beam Moment Connection 2; Drawing 2.4.
	W 8X24	A242-04(2009)	8"	$6\frac{1}{2}$"	–	$\frac{1}{4}$"	$\frac{3}{8}$"	24 lb/lf	Typical framing element.
	W 6X15	A242-04(2009)	6"	6"	–	$\frac{1}{4}$"	$\frac{1}{4}$"	15 lb/lf	Beam Moment Connection 1; Drawing 2.3.
Structural T	WT 6x17.5	A242-04(2009)	$6\frac{1}{4}$"	$6\frac{1}{2}$"	–	$\frac{5}{16}$"	$\frac{1}{2}$"	17.5 lb/lf	Beam Moment Connections 1, 2, & 3; Drawings 2.3, 2.4, & 2.5.
Angle	L $2\frac{1}{2}$ x $2\frac{1}{2}$ x $\frac{1}{2}$	A242-04(2009)	$2\frac{1}{2}$"	$2\frac{1}{2}$"	–	$\frac{1}{2}$"	$\frac{1}{2}$"	7.7 lb/lf	Beam Moment Connection 2; Drawing 2.4. Ladder supports, sheet S3.
Square Structural Tubing	6x6	A242-04(2009)	6"	6"	$\frac{1}{2}$"	–	–	35.24 lb/lf	Cantilever support post; Drawing 2.3.
	4x4	A242-04(2009)	4"	4"	$\frac{3}{8}$"	–	–	17.27 lb/lf	Lateral bracing, Drawings 1.5, 1.6, and 1.7 and Drawings 2.2 A, C, E, F & G.
Steel Plate	1"	A242-04(2009)	–	–	1"	–	–	–	Beam Moment Connection 2; Drawing 2.4. Base plate and bracing for cantilever support post.
	$\frac{1}{2}$"	A242-04(2009)	–	–	$\frac{1}{2}$"	–	–	–	Miscellaneous brackets and welding plates, as shown. Ladder siderails, sheet S3.
	$\frac{3}{8}$"	A242-04(2009)	4"	–	$\frac{3}{8}$"	–	–	–	Railing toe kick.
Bolts	1"	A307	–	–	–	–	–	–	Bolted moment resisting connections, as shown.
	$\frac{5}{8}$"	A307	–	–	–	–	–	–	Bolted simple connections and bolted bracing connections, as shown.
Washers	USS 1"	A307	–	–	–	–	–	–	As shown.
	USS $\frac{5}{8}$"	A307	–	–	–	–	–	–	As shown.
Tension Rod	Round Bar	A307	$\frac{5}{8}$" Ø	–	–	–	–	1.044 lb/ft	Cantilever support, as shown.
Clevis	No. $2\frac{1}{2}$		–	–	–	–	–	2.0 lb	As shown.
Turnbuckle	$\frac{5}{8}$"		–	–	–	–	–	1.0 lb	As shown.
Structural Pipe	2" EXT. Ø		–	–	–	–	–	–	Railing fabrication.



3RD FLOOR PLAN – BUILDING 1

Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

Drawing Title
COVER SHEET
CONSTRUCTION NOTES

Approved Project Director

Project Title
CONSTRUCT CATWALK
MICROBIOLOGY A/H

Location
OMAHA VAMC

Date 6/24/2011 | Checked | Drawn CMW

Project Number 636-11-841

Building Number ONE

Drawing Number
S0.1
Dwg. 1 of 4

Nebraska Western Iowa Healthcare System

Omaha VAMC

Department of Veterans Affairs

VA FORM 08-6231