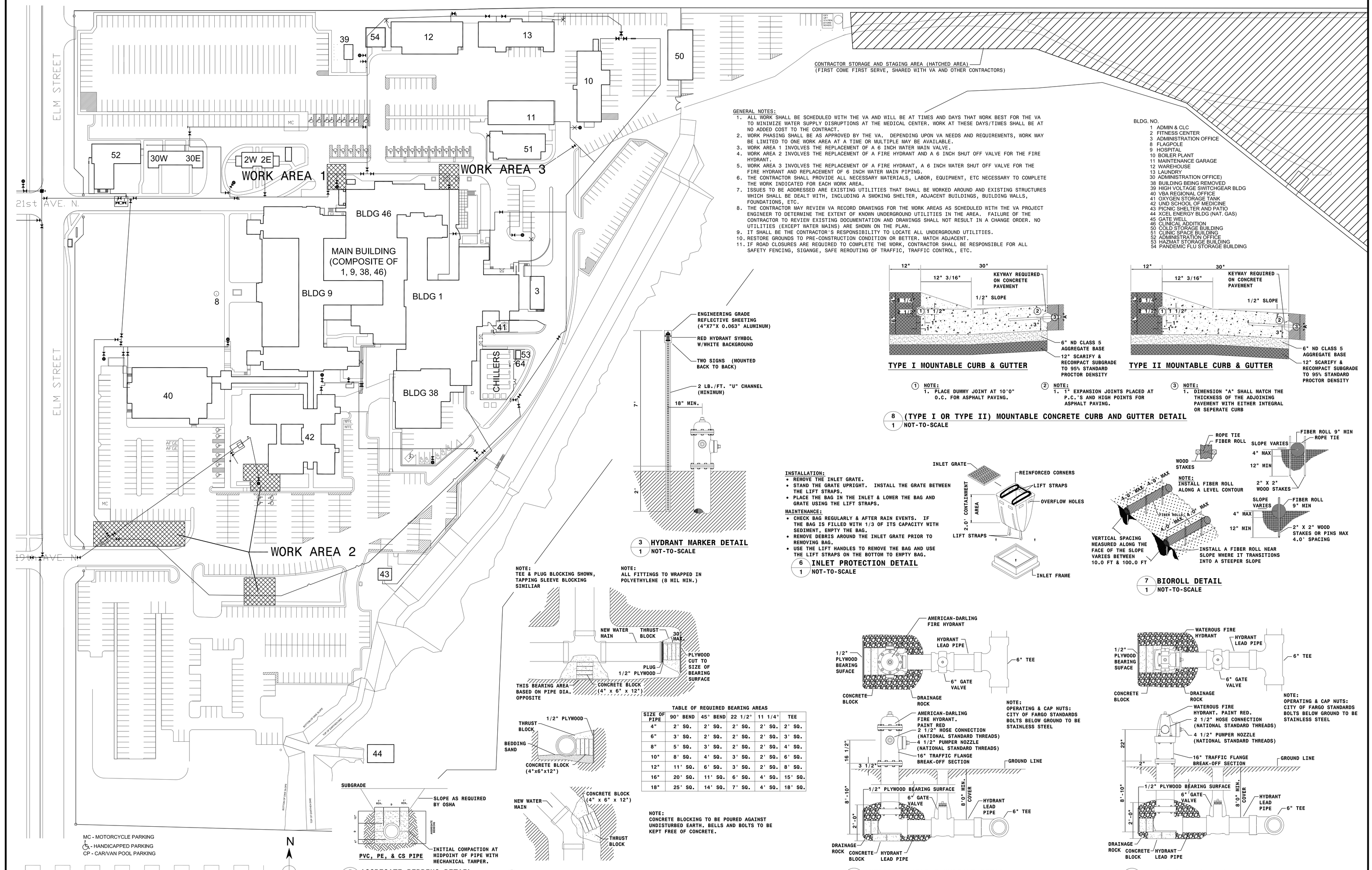

CONTRACTOR STORAGE AND STAGING AREA (HATCHED AREA)
(FIRST COME FIRST SERVE, SHARED WITH VA AND OTHER CONTRACTORS)

GENERAL NOTES:

1. ALL WORK SHALL BE SCHEDULED WITH THE VA AND WILL BE AT TIMES AND DAYS THAT WORK BEST FOR THE VA TO MINIMIZE WATER SUPPLY DISRUPTIONS AT THE MEDICAL CENTER. WORK AT THESE DAYS/TIMES SHALL BE AT NO ADDED COST TO THE CONTRACT.
2. WORK PHASING SHALL BE AS APPROVED BY THE VA. DEPENDING UPON VA NEEDS AND REQUIREMENTS, WORK MAY BE LIMITED TO ONE WORK AREA AT A TIME OR MULTIPLE MAY BE AVAILABLE.
3. WORK AREA 1 INVOLVES THE REPLACEMENT OF A 6 INCH WATER MAIN VALVE.
4. WORK AREA 2 INVOLVES THE REPLACEMENT OF A FIRE HYDRANT AND A 6 INCH SHUT OFF VALVE FOR THE FIRE HYDRANT.
5. WORK AREA 3 INVOLVES THE REPLACEMENT OF A FIRE HYDRANT, A 6 INCH WATER SHUT OFF VALVE FOR THE FIRE HYDRANT AND REPLACEMENT OF 6 INCH WATER MAIN PIPING.
6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, LABOR, EQUIPMENT, ETC NECESSARY TO COMPLETE THE WORK INDICATED FOR EACH WORK AREA.
7. ISSUES TO BE ADDRESSED ARE EXISTING UTILITIES THAT SHALL BE WORKED AROUND AND EXISTING STRUCTURES WHICH SHALL BE DEALT WITH, INCLUDING A SMOKING SHELTER, ADJACENT BUILDINGS, BUILDING WALLS, FOUNDATIONS, ETC.
8. THE CONTRACTOR MAY REVIEW VA RECORD DRAWINGS FOR THE WORK AREAS AS SCHEDULED WITH THE VA PROJECT ENGINEER TO DETERMINE THE EXTENT OF KNOWN UNDERGROUND UTILITIES IN THE AREA. FAILURE OF THE CONTRACTOR TO REVIEW EXISTING DOCUMENTATION AND DRAWINGS SHALL NOT RESULT IN A CHANGE ORDER. NO UTILITIES (EXCEPT WATER MAINS) ARE SHOWN ON THE PLAN.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
10. RESTORE GROUNDS TO PRE-CONSTRUCTION CONDITION OR BETTER. MATCH ADJACENT.
11. IF ROAD CLOSURES ARE REQUIRED TO COMPLETE THE WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY FENCING, SIGANGE, SAFE REROUTING OF TRAFFIC, TRAFFIC CONTROL, ETC.

BLDG. NO.

1 ADMIN & CLC
2 FITNESS CENTER
3 ADMINISTRATION OFFICE
8 FLAGPOLE
9 HOSPITAL
10 BOILER PLANT
11 MAINTENANCE GARAGE
12 WAREHOUSE
13 LAUNDRY
30 ADMINISTRATION OFFICE)
38 BUILDING BEING REMOVED
39 HIGH VOLTAGE SWITCHGEAR BLDG
40 VBA REGIONAL OFFICE
41 OXYGEN STORAGE TANK
42 UND SCHOOL OF MEDICINE
43 PICNIC SHELTER AND PATIO
44 XCEL ENERGY BLDG (NAT. GAS)
45 GATE WELL
46 CLINICAL ADDITION
50 COLD STORAGE BUILDING
51 CLINIC SPACE BUILDING
52 ADMINISTRATION OFFICE
53 HAZMAT STORAGE BUILDING
54 PANDEMIC FLU STORAGE BUILDING

TYPE I MOUNTABLE CURB & GUTTER

TYPE II MOUNTABLE CURB & GUTTER

① NOTE: 1. PLACE DUMMY JOINT AT 10'0" O.C. FOR ASPHALT PAVING.

② NOTE: 1. 1" EXPANSION JOINTS PLACED AT P.C.'S AND HIGH POINTS FOR ASPHALT PAVING.

③ NOTE: 1. DIMENSION "A" SHALL MATCH THE THICKNESS OF THE ADJOINING PAVEMENT WITH EITHER INTEGRAL OR SEPERATE CURB

8/1 (TYPE I OR TYPE II) MOUNTABLE CONCRETE CURB AND GUTTER DETAIL
NOT-TO-SCALE

3/1 HYDRANT MARKER DETAIL
NOT-TO-SCALE

INSTALLATION:
- REMOVE THE INLET GRATE.
- STAND THE GRATE UPRIGHT. INSTALL THE GRATE BETWEEN THE LIFT STRAPS.
- PLACE THE BAG IN THE INLET & LOWER THE BAG AND GRATE USING THE LIFT STRAPS.

MAINTENANCE:
- CHECK BAG REGULARLY & AFTER RAIN EVENTS. IF THE BAG IS FILLED WITH 1/3 OF ITS CAPACITY WITH SEDIMENT, EMPTY THE BAG.
- REMOVE DEBRIS AROUND THE INLET GRATE PRIOR TO REMOVING BAG.
- USE THE LIFT HANDLES TO REMOVE THE BAG AND USE THE LIFT STRAPS ON THE BOTTOM TO EMPTY BAG.

6/1 INLET PROTECTION DETAIL
NOT-TO-SCALE

7/1 BIOROLL DETAIL
NOT-TO-SCALE

TABLE OF REQUIRED BEARING AREAS					
SIZE OF PIPE	90° BEND	45° BEND	22 1/2°	11 1/4°	TEE
4"	2' SQ.	2' SQ.	2' SQ.	2' SQ.	2' SQ.
6"	3' SQ.	2' SQ.	2' SQ.	2' SQ.	3' SQ.
8"	5' SQ.	3' SQ.	2' SQ.	2' SQ.	4' SQ.
10"	8' SQ.	4' SQ.	3' SQ.	2' SQ.	6' SQ.
12"	11' SQ.	6' SQ.	3' SQ.	2' SQ.	8' SQ.
16"	20' SQ.	11' SQ.	6' SQ.	4' SQ.	15' SQ.
18"	25' SQ.	14' SQ.	7' SQ.	4' SQ.	18' SQ.

NOTE: CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH. BELLS AND BOLTS TO BE KEPT FREE OF CONCRETE.

5/1 AGGREGATE BEDDING DETAIL
NOT-TO-SCALE

1/1 WATER MAIN THRUST BLOCKING DETAIL
NOT-TO-SCALE

2/1 AMERICAN DARLING HYDRANT DETAIL
NOT-TO-SCALE

4/1 WATEROUS HYDRANT DETAIL
NOT-TO-SCALE

Revisions	Date

Dept. of Veterans Affairs
Medical Center
2101 Elm Street North
Fargo, ND 58102

Drawing Title: SITE PLAN, WORK AREAS AND DETAILS		Project Title: REPLACE FIRE HYDRANTS AND WATER MAIN LOOP VALVES		Date: 01/15/2014
				Scale: 1" = 60'
VA Project No.: 437-14-140	Contract No.: VA263-14-C-	Designed By: DTL	Checked By: TGD	Drawn By: DTL
Building No.: SITEPLAN	AutoCAD File Name:	Location: FARGO VA HEALTH CARE SYSTEM FARGO, ND		Drawing No.: 1 3 Dwg. Of

Department of Veterans Affairs