



Department of Veterans Affairs

CAPTAIN JAMES A. LOVELL FEDERAL HEALTH CARE CENTER

3001 GREEN BAY ROAD NORTH CHICAGO, ILLINOIS

REPLACE ROADS, CURBS, GUTTERS, SIDEWALKS & BUILDING ENTRANCE STAIRS

PROJECT # 556-13-107

DRAWING INDEX

GENERAL

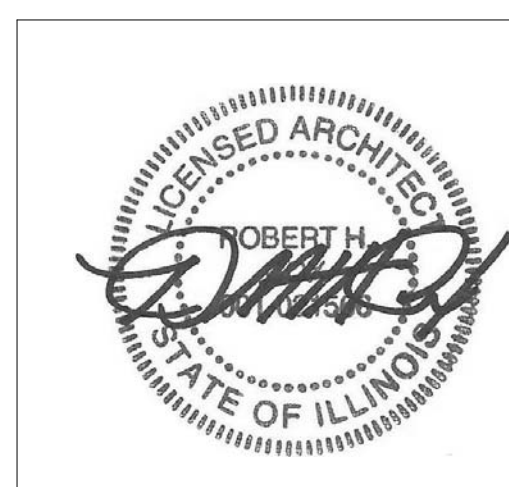
GI-000 COVER SHEET
GI-100 PROJECT NOTES

ARCHITECTURAL

AD-101 SITE DEMOLITION PLAN
AS-101 SITE PLAN - NEW CONSTRUCTION
AS-201 ENLARGED PLANS
AS-301 STAIR ELEVATIONS
AS-401 SECTIONS AND DETAILS
AS-501 SITE DETAILS

FOR CONSTRUCTION

Revisions:	Date



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Approved: Chief, Safety	Approved: Chief	Approved: Chief

Drawing Title
COVER SHEET
Location
CAPTAIN JAMES A. LOVELL F.H.C.C. NORTH CHICAGO, ILLINOIS

Project Name		
REPLACE ROAD, CURBS, GUTTERS, SIDEWALKS & BUILDING ENTRANCE STAIRS		
Building Number	Checked	Drawn
-	RHC	PIJ

Project Number
556-13-107
Date
04.25.13
Drawing Number
GI-000
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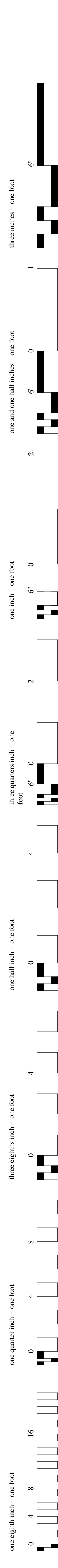
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DISCIPLINE REFERENCES

DRAWINGS FOR THE FOLLOWING DISCIPLINES ARE CONTAINED IN THE DOCUMENT. THE DISCIPLINES ARE IDENTIFIED BY THE REFERENCE WHICH IS INCORPORATED INTO THE SHEET TITLE.

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GENERAL INFORMATION
ARCHITECTURAL
FIRE PROTECTION
PLUMBING
MECHANICAL
ELECTRICAL
TECHNOLOGY

SHEET NUMBER

1-A1

BUILDING NUMBER

SHEET NUMBER
DISCIPLINE

DRAWING NUMBERING

BUILDING SECTION

REF: F1/AS-101

EACH DRAWING IS NUMBERED ACCORDING TO ITS LOCATION ON THE SHEET. THE DRAWING TITLE APPEARS ABOVE THE DEMARCATION LINE AND, WHERE APPROPRIATE THE SCALE IS LOCATED BELOW THE DEMARCATION LINE IN THE LOWER LEFT-HAND QUADRANT OF THE KEY. THE DRAWING CAN BE REFERENCED BACK TO ITS ORIGINAL SHEET AND DRAWING BY THE DRAWING REFERENCE LOCATION IN THE LOWER RIGHT-HAND QUADRANT.

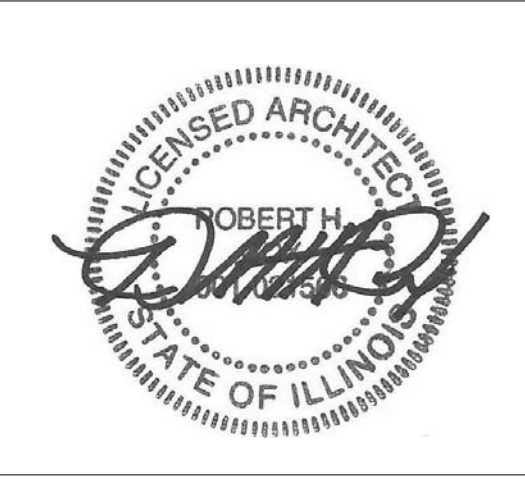
DRAWING REFERENCE

RE: 1/AS-101

SHEET NUMBER
DRAWING NUMBER ON SHEET BY
LOCATION

REFERENCE

Revisions:	Date



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DIMENSIONING CONVENTIONS

1. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF THE WORK AT THE "APPROXIMATE LOCATION SHOWN," DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION

2. ALL ELEMENTS OF THE DOCUMENTS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUESTED ARE SHOWN (OR MAY BE DERIVED FROM THOSE SHOWN OR NOTED) ON THE FLOOR PLANS. DETAIL PLANS, ELEVATIONS, SECTIONS, SCHEDULES, CONFIGURATION DETAILS, AND SPECIFICATIONS. SEE THE NOTES BELOW AND SYMBOLS FOR DIMENSIONING CONVENTIONS USED ON THIS PROJECT.

3. EXCEPT WHERE SPECIFICALLY NOTED TO THE CONTRARY, ALL DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS CONFORM TO THE FOLLOWING CONVENTIONS.

A. DIMENSIONS UTILIZING THE "CENTERLINE" SYMBOL ARE MEASURED TO:

- CENTERLINE OF PARTITION ASSEMBLY (EXCLUSIVE OF ANY APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALLS) AT PARTITIONS FRAMED WITH METAL STUDS. REFER TO "PARTITION SCHEDULE" TO DETERMINE THICKNESS OF EACH PARTITION TYPE.
- CENTERLINE OF DOOR, WINDOW, OR LOUVER OPENING.
- CENTERLINE OF OTHER FEATURES AS INDICATED.

B. DIMENSIONS UTILIZING THE "FACE OF" SYMBOL ARE MEASURED TO:

- FACE OF PARTITION ASSEMBLY (EXCLUSIVE OF ANY APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALL) AS DEFINED BY THE PARTITION SCHEDULE. UNLESS NOTED AS A "FACE OF FINISH" OR "CLEAR" DIMENSION (SEE NOTE "E" BELOW), DIMENSIONS ARE NOT MEASURED TO THE FACE OF APPLIED FINISH. REFER TO THE "PARTITION SCHEDULE" TO DETERMINE THE THICKNESS OF EACH PARTITION TYPE.

C. WHERE "EQUAL" DIMENSIONS ARE USED ON REFLECTED CEILING PLANS TO LOCATE CEILING GRID WORK POINTS, MEASURE DIMENSIONS TO:

- EDGE OF THE INDICATED CEILING AT THE FACE OF THE ADJACENT APPLIED FINISH MEASURED AT THE PLANE OF THE CEILING.
- CAUTION: DUE TO THE POSSIBLE APPLICATION OF APPLIED FINISHES - THICKNESS OF WHICH MAY VARY BETWEEN FLOOR AND CEILING AND IS NOT ACCOUNTED FOR (EXCEPT AS INDICATED BY "FOF" OR "CLEAR") BY THE DIMENSION SHOWN ON THE FLOOR PLANS - THE CONTRACTOR MUST ADJUST AS NECESSARY. THE FLOOR PLAN DIMENSIONS TO REFLECT THE ACTUAL DIMENSIONS FOUND AT PLANE OF THE CEILING.

4. WHERE WALLS AND/OR PARTITIONS OF UNEQUAL THICKNESS ABUT, ALIGN EXPOSED FACES, UNLESS OTHERWISE NOTED.

ALIGN

DIMENSION, WHEN OCCURS

5. WHERE OPENINGS IN WALLS (SUCH AS INTERIOR WINDOWS OR DOORS) ARE NOT DIMENSIONED BUT SHOWN AS BEING IN THE CENTER OF A GIVEN WALL SURFACE, LOCATE OPENINGS AS GRAPHICALLY REPRESENTED.



PROJECT LOCATION
JAMES A. LOVELL FEDERAL
HEALTHCARE CENTER

FOR CONSTRUCTION

Approved: Assistant Director	Approved: Chief of Staff	Approved: Chief, Engineering	Drawing Title GENERAL INFORMATION		Project Name REPLACE ROAD, CURBS, GUTTERS, SIDEWALKS & BUILDING ENTRANCE STAIRS	Project Number 556-13-107	Office of Construction and Facilities Management	
Approved: Service Chief	Approved: Service Chief	Approved: Service Chief			Date 03.25.13	Date		
Approved: Chief, Bio-Med	Approved: Chief, EMS	Approved: Chief, Infection Control	Location CAPTAIN JAMES A. LOVELL F.H.C.C. NORTH CHICAGO, ILLINOIS		Drawing Number GI-100		Department of Veterans Affairs	
Approved: Chief, IT	Approved: Chief, M&O	Approved: Chief, Police						
Approved: Chief, Safety	Approved: Chief	Approved: Chief			Building Number -	Checked RHC	Drawn PIJ	Dwg. of

one eighth inch = one foot

0 4 8 16

one quarter inch = one foot

0 4 8

three eighths inch = one foot

0 4

one half inch = one foot

0 4

three quarters inch = one foot

0 4

one inch = one foot

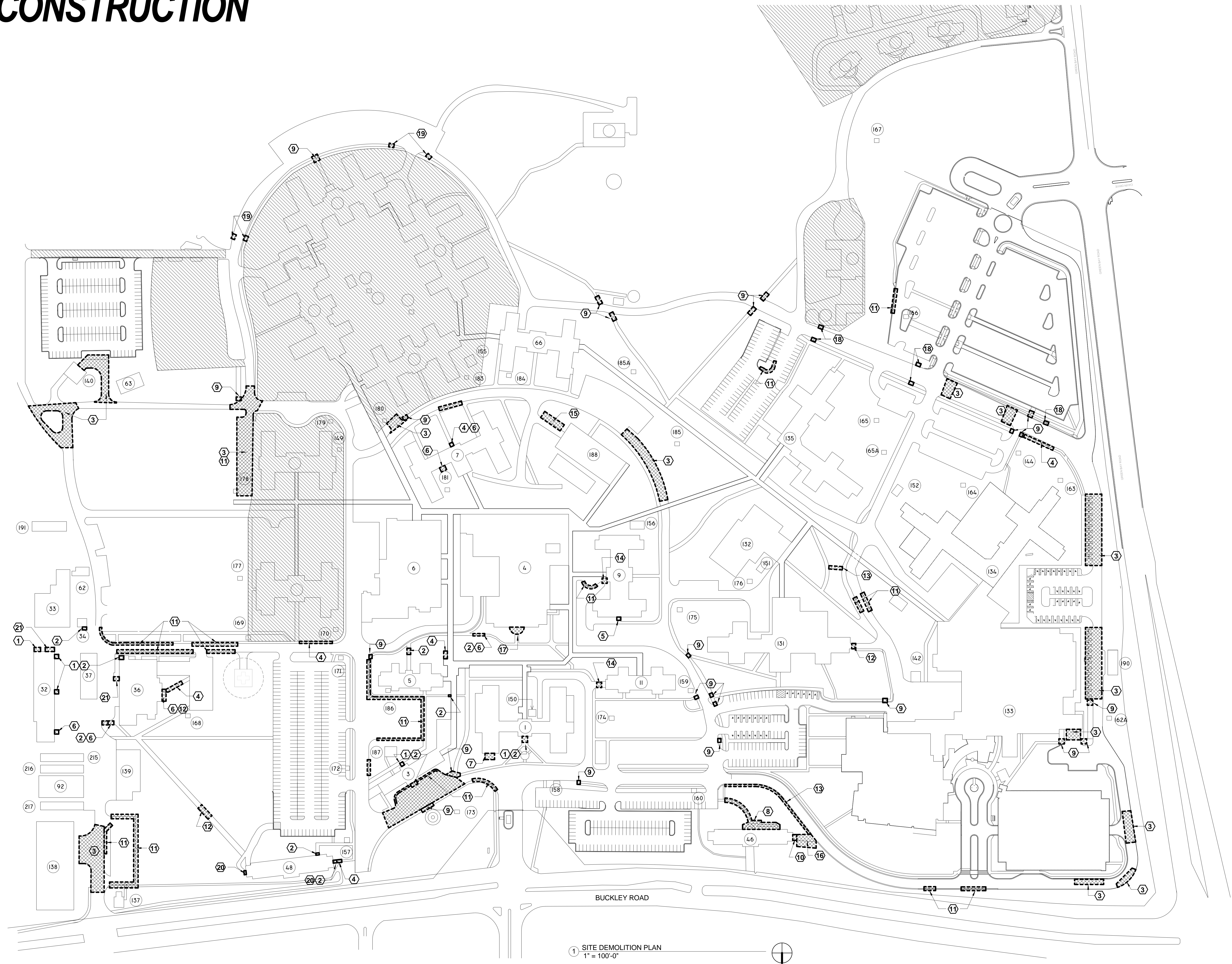
0 6"

two inches = one foot


























0 6"

three inches = one foot

0 6"



1 SITE DEMOLITION PLAN
1" = 100'-0"

GRAPHIC LEGEND	
	AREA NOT IN CONTRACT
	AREA OF DEMOLITION AND/OR REPAIR
	KEYED NOTE
	BUILDING NUMBER
KEY NOTE LEGEND	
	DEMOLISH EXISTING CONCRETE EXTERIOR STAIRS, SIDEWALKS AND FOUNDATIONS IN PREPARATION FOR NEW STAIRS. DEMOLISH ADJACENT PAVING AS REQUIRED FOR NEW FOUNDATIONS.
	DEMOLISH EXISTING RAILING
	REMOVE AREA OF DAMAGED PAVING IN PREPARATION FOR NEW PAVING - INCLUDING ALL UNSOUND SUBGRADE MATERIAL.
	REMOVE AREA OF DAMAGED CONCRETE SIDEWALK - PREPARE AREA FOR REPLACEMENT SIDEWALK
	REMOVE DAMAGED MASONRY & MORTAR IN PREPARATION FOR TUCKPOINTING / MASONRY REPAIR
	REMOVE DAMAGED CONCRETE AT EXISTING STAIRS IN PREPARATION FOR REPAIR. SEE DETAILS SHEET AS-501
	REPAIR LOOSE GUARDRAIL
	DEMOLISH AREAS OF SIDEWALK WITH LOWERED ELEVATION IN ORDER ELIMINATE AREAS OF PONDING WATER. REGRADE TOPOGRAPHY AS REQ'D.
	DEMOLISH PORTION OF EXISTING CONC. CURB RAMP & SIDEWALK AS REQUIRED FOR INSTALLATION OF NEW DETECTABLE WARNING INSERT. SEE DETAILS SHEET AS-501
	DEMOLISH EXISTING CONCRETE EXTERIOR STAIRS, LANDINGDOCK AND FOUNDATIONS IN PREPARATION FOR NEW STAIRS & LANDINGDOCK.
	DEMOLISH EXISTING DAMAGED CONCRETE CURB & GUTTER (WHEN PRESENT) IN PREPARATION FOR NEW. REMOVE ADJACENT PAVING AS REQUIRED.
	REFURBISH EXISTING HANDRAIL. PREP, PRIME & PAINT PER SPECIFICATIONS. PROVIDE SEALANT AT CORED POST CONNECTIONS TO CONCRETE.
	PREPARE EXISTING GRASSED AREA TO RECEIVE NEW CONCRETE SIDEWALK & BASE MATERIAL.
	REMOVE DAMAGED CONCRETE AT EXISTING DOCK & STAIRS IN PREPARATION FOR REPAIR. SEE DETAILS SHEET AS-501.
	REMOVE PORTION OF EXISTING CURB & GRASSED AREA AS REQUIRED FOR NEW PARKING AREA. SEE NEW WORK PLANS.
	REMOVE EXISTING ASPHALT PAVING & GRASSED AREA IN PREPARATION FOR EXPANDED PARKING AREA. SEE NEW WORK PLANS.
	REMOVED DAMAGED MASONRY & MORTAR AT CURVED EXTERIOR LANDING SUPPORT WALLS IN PREPARATION FOR TUCKPOINT / MASONRY REPAIR.
	DEMOLISH DAMAGED CONCRETE STORM SEWER INLET COVER & ADJACENT DAMAGED CURBS / SIDEWALK
	DEMOLISH DAMAGED CAST IRON STORM DRAIN & DAMAGED PAVING. DEMOLISH ADJACENT CURB & PAVING AS REQUIRED FOR INSTALLATION OF NEW CAST IRON DRAIN
	RE-ANCHOR LOOSE METAL TREAD COVERS
	DEMOLISH EXISTING EXTERIOR CONCRETE STAIRS & RETAINING WALLS
DEMOLITION GENERAL NOTES	
A. SEE NEW WORK PLANS FOR ADDITIONAL INFORMATION.	
B. EXTEND AREAS OF CONCRETE SIDEWALK DEMOLITION TO NEAREST EXISTING CONTROL JOINT AS PRACTICAL	
C. CONTRACTOR SHALL RESTORE ADJACENT LANDSCAPING & PAVING TO ORIGINAL CONDITION AFTER COMPLETION OF WORK.	
D. DEMOLITION OF EXISTING PAVING SHALL EXTEND FULL DEPTH AS REQUIRED TO REACH STABLE SUB-BASE MATERIAL.	

[illegible]

one eighth inch = one foot

0 4 8 16

one quarter inch = one foot

0 4 8

three eighths inch = one foot

0 4 8

one half inch = one foot

0 4

three quarters inch = one foot

0 4

one inch = one foot

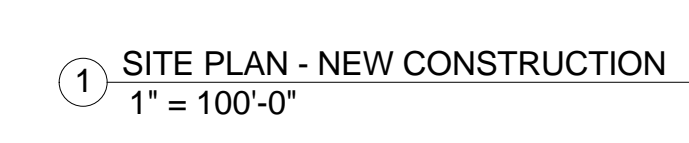
0 2 4 6"

one and one half inches = one foot

0 2 4 6"

three inches = one foot

0 2 4 6"



AREA NOT IN CONTRACT

AREA OF NEW WORK

KEYED NOTE

BUILDING NUMBER

1	NEW CONCRETE STAIRS - SEE ENLARGED PLANS
2	NEW RAILING - SEE ENLARGED PLANS FOR TYPE.
3	NEW ASPHALT PAVING (& BASE MATERIAL WHERE REQUIRED). SEE DETAILS SHEET AS-501
4	NEW CONCRETE SIDEWALK
5	REPLACE DAMAGED MASONRY & TUCKPOINT MORTAR @ SIDES OF EXISTING STAIRWAY
6	REPAIR CONCRETE STAIRS - SEE DETAIL SHT AS-501
7	RE-ATTACH EXISTING GUARDRAIL TO MASONRY FACADE
8	NEW 5' CONCRETE SIDEWALK. REGRADE TOPOGRAPHY AS NEEDED TO ELIMINATE PONDING. MATCH ORIGINAL CONFIGURATION
9	NEW CURB RAMP AND DETECTABLE WARNING INSERT. SEE DETAILS SHEET AS-501
10	NEW REPLACEMENT CONCRETE STAIRS & DOCK. SEE ENLARGED PLANS
11	NEW REPLACEMENT CURB & GUTTER. SEE DETAILS SHEET AS-501
12	REFURBISH EXISTING HANDRAIL. PREP, PRIME & PAINT PER SPECIFICATIONS. PROVIDE SEALANT AT CORED JOINT CONNECTIONS TO CONCRETE. REANCHOR LOOSE CONNECTIONS
13	NEW 5FT. WIDE CONCRETE SIDEWALK. SEE DETAILS SHEET AS-501
14	REPAIR EXISTING CONCRETE DOCK & STAIRS SEE DETAILS SHEET AS-501
15	NEW ASPHALT PARKING AREA SEE ENLARGED PLANS
16	NEW ASPHALT DRIVEWAY & PARKING AREA
17	NEW CONCRETE PAVING - SEE DETAILS SHEET AS-501
18	TUCK POINT MORTAR & REPLACE DAMAGED BRICK MASONRY AT EXTERIOR CURB LANDING SUPPORT WALL
19	PROVIDE REPLACEMENT PRECAST CONCRETE SEWER GULF NET COVER W/ CAST IRON MANHOLE COVER. RESTORE ADJACENT CURBS & SIDEWALK AS REQUIRED
20	PROVIDE REPLACEMENT CAST IRON STORM SEWER CURB INLET. REPAIR AND OR REPLACE EXISTING INLET SUPPORT STRUCTURE AS REQUIRED FOR PROPER DRAINAGE INTO STORM SYSTEM. REPLACE ADJACENT DAMAGED AND SUNKEN PAVING. SEE PAVEMENT REPAIR DETAIL - SHEET AS-501
21	REPLACE EXISTING HANDRAILS WITH NEW HANDRAIL TYPE HR-1. SEE DETAIL SHEET AS-401

- A. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS SHOWN.
- C. CONTRACTOR SHALL RESTORE ADJACENT LANDSCAPING & PAVING TO ORIGINAL CONDITION
- D. CONTRACTOR SHALL RESTORE ALL EXISTING PAVEMENT MARKINGS EFFECTED BY NEW WORK TO ORIGINAL CONFIGURATION

[illegible]

mak

one quarter inch = one foot

A. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN.

B. TOP OF NEW STAIR LANDINGS SHALL BE EXISTING ENTRANCE LEVEL FLOOR ELEVATION LESS 1/4" - TYP. UNO

C. LANDINGS SHALL SLOPE AWAY FROM BUILDING ENTRANCE FOR DRAINAGE - 1% MAXIMUM

D. NEW FOOTINGS TO BEAR UPON UNDISTURBED SOIL OR ENGINEERED BACKFILL CAPABLE OF SUPPORTING A MINIMUM ALLOWABLE SOIL BEARING OF 2,000 PSF. ALLOWABLE SOIL BEARING SHOULD BE FIELD VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO POURING FOOTINGS.

E. CONTRACTOR SHALL RESTORE ALL ADJACENT PAVING & LANDSCAPING DEMOLISHED FOR NEW STAIR CONSTRUCTION

F. PROVIDE 1/2" PREMOLDED JOINT FILLER WITH SEALANT COAT AT INTERSECTION WITH EXISTING STRUCTURES - TYP

A



C



E



VA FORM 08-6231

SYMBOL LEGEND

- 1** KEYED NOTE

SHEET KEY NOTES

- 1 NEW STEEL HANDRAIL SYSTEM - TYPE HR-1
SEE DETAILS SHEET AS-401
- 2 NEW CAST IN PLACE CONCRETE STAIRS & SIDEWALL
- 3 3/4" CONCRETE REVEAL
- 4 CAST IN PLACE METAL STAIR NOSING - FULL WIDTH.
TYPICAL ALL TREADS.
- 5 NEW STEEL GUARDRAIL / HANDRAIL SYSTEM - TYPE GR-1
SEE DETAILS SHEET AS-401
- 6 NEW STEEL GUARDRAIL - TYPE GR-2
SEE DETAILS SHEET AS-401

SHEET GENERAL NOTES

- A. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS DIMENSIONS SHOWN.
- B. TOP OF NEW STAIR LANDINGS SHALL BE EXISTING ENTRANCE LEVEL FLOOR ELEVATION LESS 1/4".
- C. LANDINGS SHALL SLOPE AWAY FROM BUILDING ENTRANCE FOR DRAINAGE - 1% MAXIMUM
- D. ALL NEW FOUNDATIONS SHALL BE PLACED ON UNDISTURBED SOIL OR WELL COMPACTED GRANULAR FILL - 3" BELOW GRADE MINIMUM.
- E. CONTRACTOR SHALL RESTORE ALL ADJACENT PAVING & LANDSCAPING DEMOLISHED FOR NEW STAIR CONSTRUCTION.
- F. EXPOSED CAST IN PLACE CONCRETE SHALL HAVE SMOOTH ARCHITECTURAL FINISH - FREE OF VOIDS, HONEYCOMBING OR COLOR VARIATION.

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

- A. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS DIMENSIONS SHOWN.
- B. TOP OF NEW STRAIN LANDINGS SHALL BE EXISTING ENTRANCE LEVEL FLOOR ELEVATION LESS 1/4".
- C. LANDINGS SHALL SLOPE AWAY FROM UNDISTURBED ENTRANCE FOR DRAINAGE - 1%.
- D. NEW FOOTINGS TO BEAR UPON UNBUILTING SOIL OR ENGINEERED BEARING CAPABLE OF SUPPORTING A MINIMUM ALLOWABLE BEARING OF 2000 PSF. ALLOWABLE SOIL BEARING SHOULD BE FIELD VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO POURING FOOTINGS. BOTTOM OF ALL NEW FOOTINGS SHALL BE A MINIMUM OF 3'-6" BELOW GRADE.
- E. CONTRACTOR SHALL RESTORE ALL ADJACENT PAVING & LANDSCAPING DEMOLISHED FOR NEW STRAIN CONSTRUCTION.
- F. PROVIDE 1/2" REMOLDED JOINT FILLER WITH SEALANT COVER AT INTERSECTION WITH EXISTING STRUCTURES - TYP.
- G. CONCRETE FOR EXTERIOR STAIRS & RETAINING WALLS SHALL BE 4500 PSI WITH W/C RATIO OF: .45

