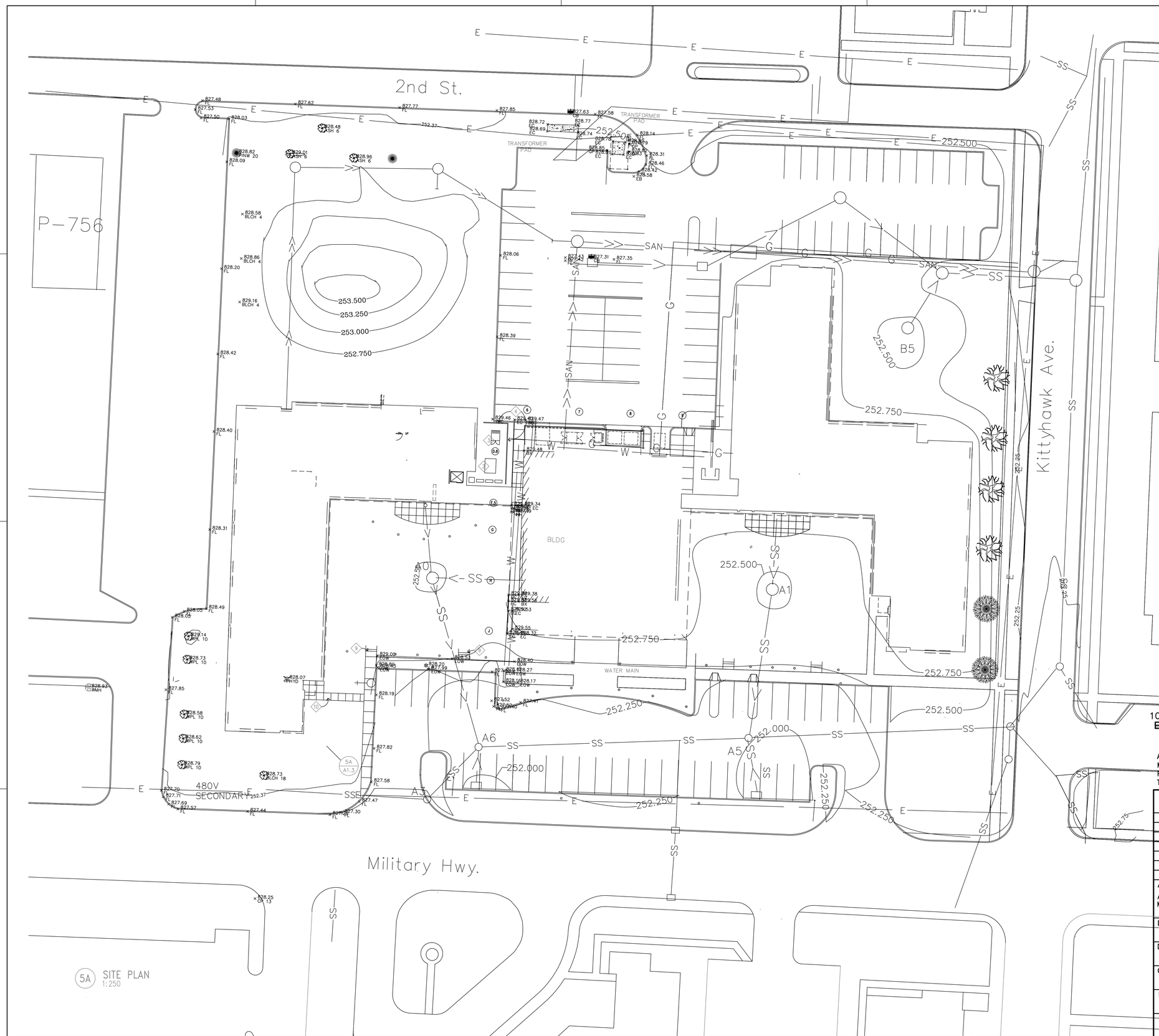


5A SITE PLAN
1:250

TRUE NORTH
PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Envroscience/ Inc.
By: [signature]
Title: Project Manager
Registration No: 15241

Revisions

Symbol	Descriptions	Date	Approved

Architect:
ARCHITECTURAL ALLIANCE
MINNEAPOLIS, MINNESOTA

Engineer:
ENVIROSCIENCE, INC.
EDEN PRAIRIE, MN

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

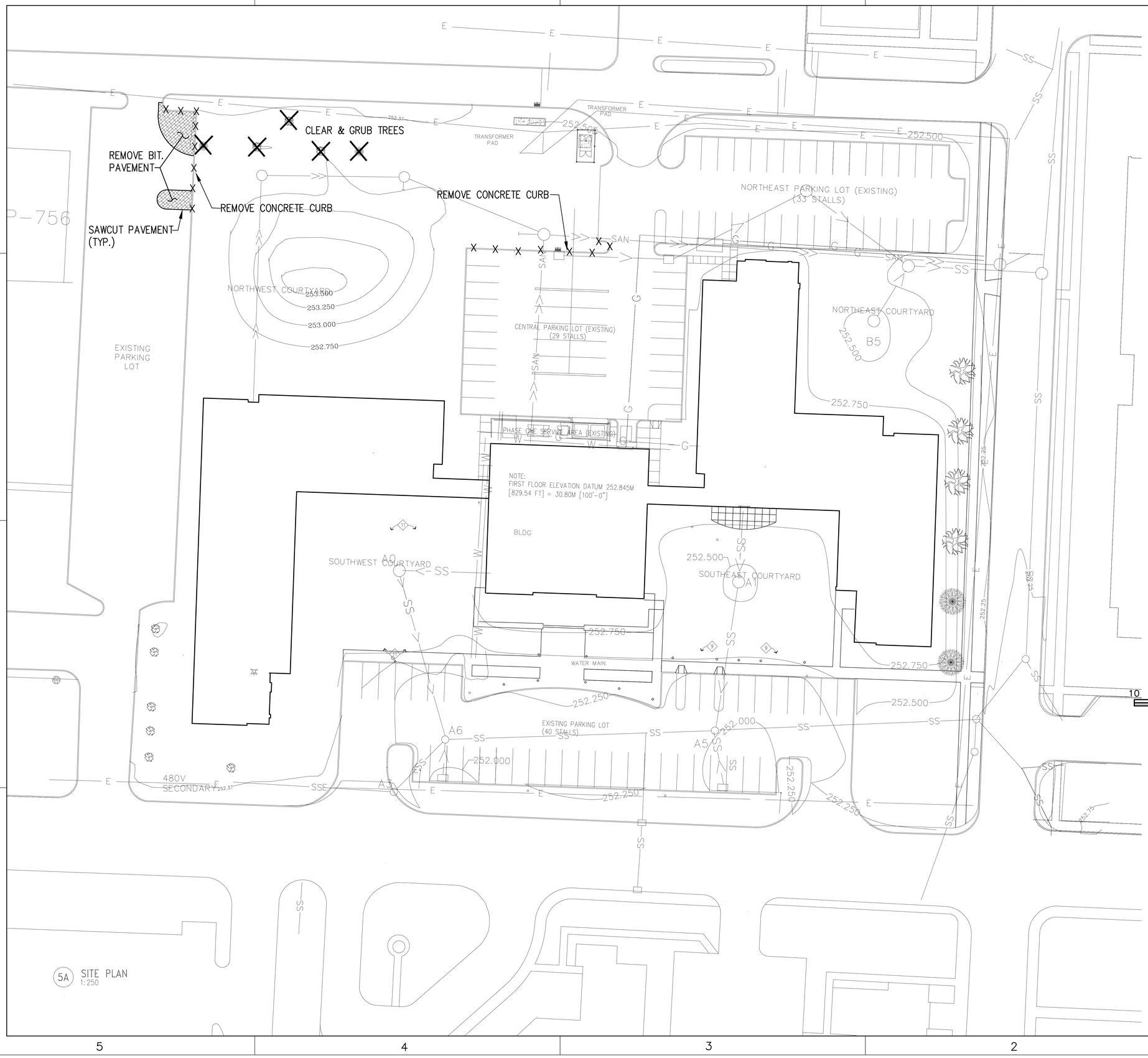
MINNEAPOLIS-ST.PAUL AFR — MINNESOTA

CONSOLIDATED LODGING FACILITY
- PHASE FOUR -

PHASE FOUR EXISTING CONDITION

Plot Scale Ratio: 1:1
Date: JUNE 2003
Design File: CO-4.dwg
Spec. No.: DACA 45-03-B-003
Drawing Code: AF 721-315-04
Contract No.: DACA 45-03-X-XXX
Sheet reference number: CO.4

QJKL-990011P4



5A SITE PLAN
1:250

TRUE NORTH

PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250
(METRIC)

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Enviroscience/ Inc.
By: James D. Hardman
Title: Project Manager
Registration No: 15241

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

Revisions

Symbol	Descriptions	Date	Approved

Architect:	Engineer:	
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

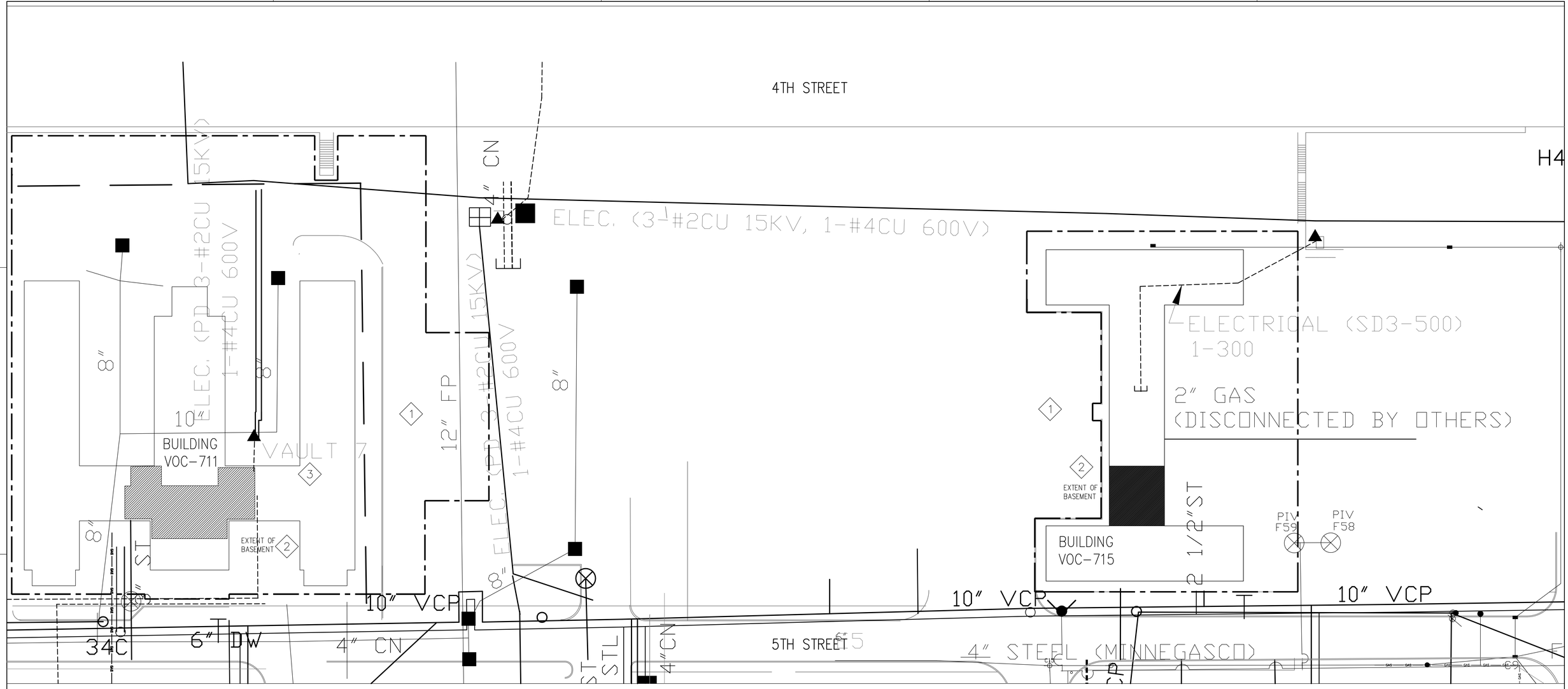
MINNEAPOLIS–ST.PAUL AFR — MINNESOTA

CONSOLIDATED LODGING FACILITY
– PHASE FOUR –

PHASE FOUR SITE DEMOLITION

Plot Scale Ratio: 1:1
Design File: C1–4–1.dwg
Date: JUNE 2003
Spec. No.: DACA 45–03–B–003
Contract No.: DACA 45–03–X–XXX
Drawing Code: AF 721–315–04
Sheet reference number: C1.4.1

QJKL-990011P4



UTILITY DEMOLITION PLAN
1:250

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Envroscience, Inc.
By: [signature]
Title: Project Manager
Registration No: 15241

N

10 5 0 10 20

SCALE: 1 : 250

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Key Notes

THE FOLLOWING IS PROVIDED FOR GENERAL INFORMATION ONLY. GENERAL CONTRACTOR IS RESPONSIBLE FOR VISITING SITE TO VERIFY EXISTING CONDITIONS AND SCOPE OF WORK REQUIRED FOR DEMOLITION.

1. FOR INFORMATION ABOUT THE REMOVAL OF PARKING LOT AND RELATED CURB & GUTTER AND SIDEWALK AND RELATED ENTRY AND STAIRS SEE KEYNOTES ON A1.4.
2. SHADED AREAS INDICATE BASEMENTS WITHIN BUILDINGS TO BE DEMOLISHED. COMPACT SOIL TO 90% MAX. DENSITY WITHIN ONE FOOT OF SURFACE.
3. SEE ELECTRICAL NOTE ON SHEET A1.4 REGARDING TRANSFORMERS.

General Note:

1. SEED AND MULCH DISTURBED AREAS PER SPECIFICATION SECTION 02921 SEEDING.

Revisions

Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

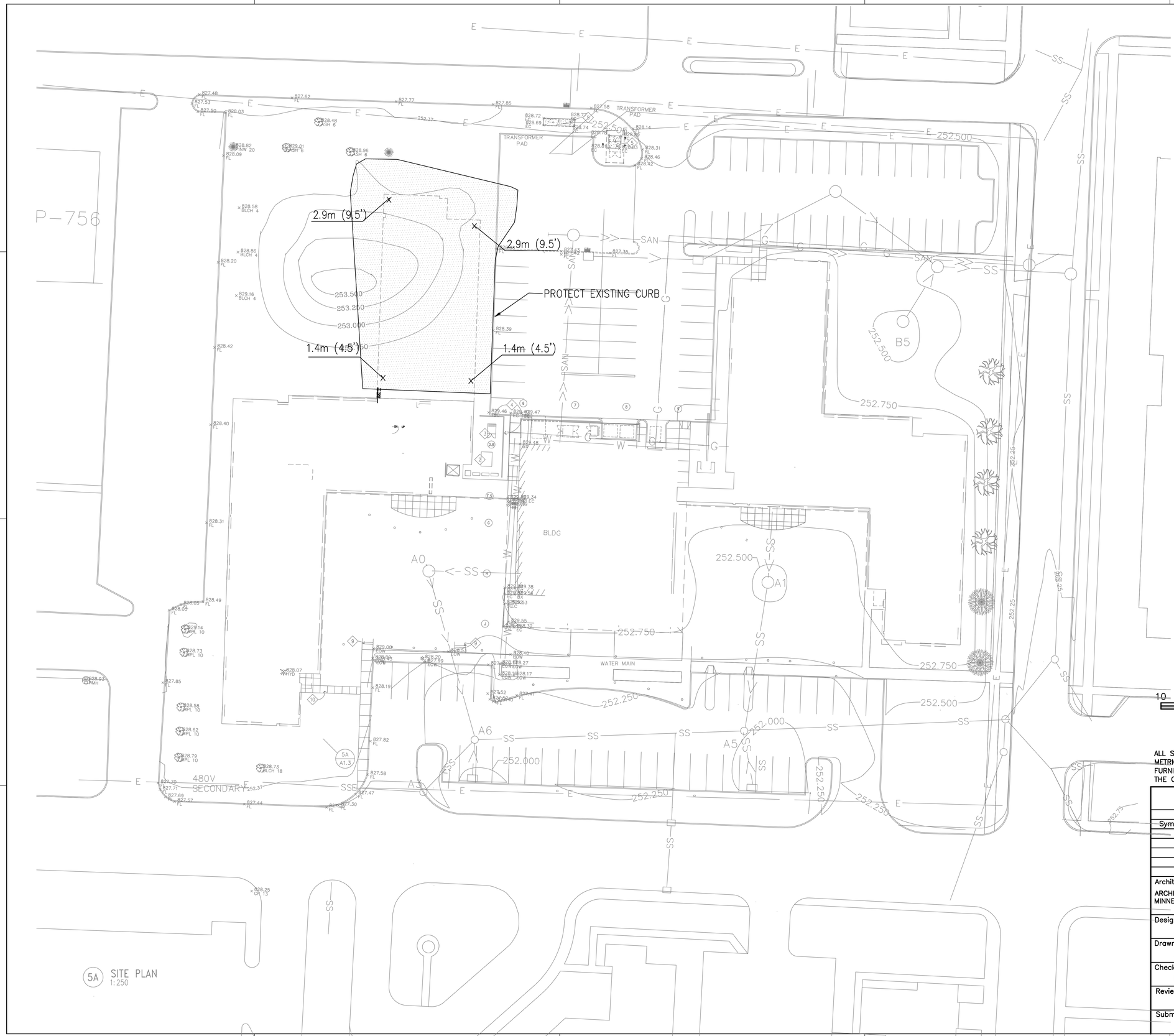
Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

MINNEAPOLIS-ST.PAUL AFR — MINNESOTA

CONSOLIDATED LODGING FACILITY
– PHASE FOUR –
UTILITY DEMOLITION

Plot Scale Ratio: 1:1
Design File: C1.4-2.dwg
Date: JUNE 2003
Spec. No.: DACA 45-03-B-003
Contract No.: DACA 45-03-X-XXX
Drawing Code: AF 721-315-04
Sheet reference number: C1.4.2

QJKL-990011P4



5A SITE PLAN
1:250

LEGEND

BASE BID EXCAVATION

TRUE NORTH

PLAN NORTH

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James D. Hoeburn
Title: Project Manager
Registration No: 15241

10 5 0 10 20

SCALE: 1 : 250

(METRIC)

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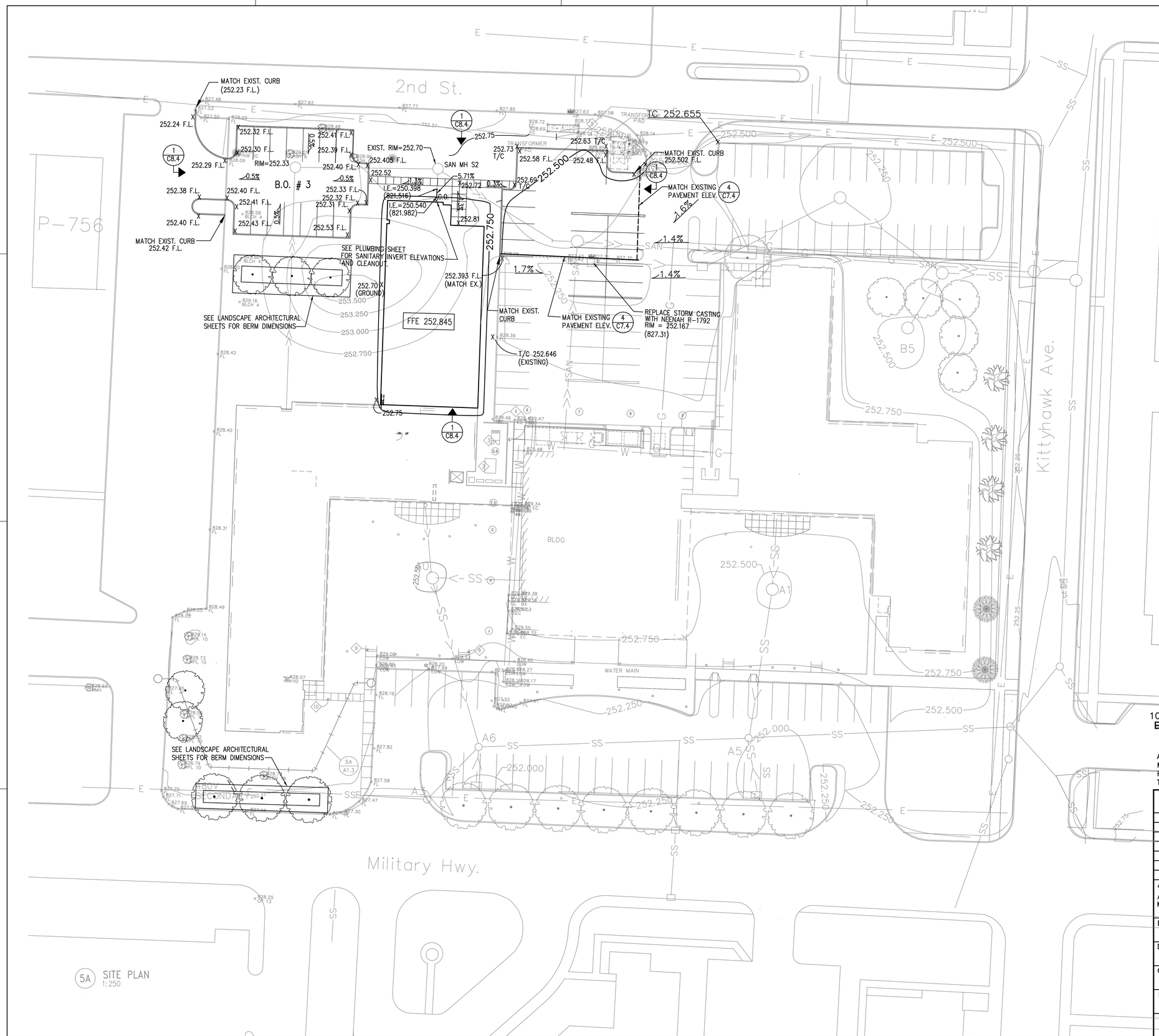
Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH	MINNEAPOLIS-ST.PAUL AFR MINNESOTA
Drawn by: JS	CONSOLIDATED LODGING FACILITY – PHASE FOUR –
Checked by: DZ	PHASE FOUR SITE EXCAVATION
Reviewed by: RK	Plot Scale Ratio: 1:1 Date: JUNE 2003 Sheet reference number:
Submitted by:	Design File: C2-4.dwg Spec. No.: DACA 45-03-B-003 Contract No.: DACA 45-03-X-XXX Drawing Code: AF 721-315-04 C2.4

QJKL-990011P4



5A SITE PLAN
1:250

TRUE NORTH

PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250

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I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Envroscience/ Inc.
By: James J. Nielsen
Title: Project Manager
Registration No: 15241

Revisions

Symbol	Descriptions	Date	Approved

Architect:
ARCHITECTURAL ALLIANCE
MINNEAPOLIS, MINNESOTA

Engineer:
ENVIROSCIENCE, INC.
EDEN PRAIRIE, MN

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

MINNEAPOLIS-ST.PAUL AFR MINNESOTA

CONSOLIDATED LODGING FACILITY
- PHASE FOUR -

PHASE FOUR-GRADING PLAN & UTILITIES

Plot Scale Ratio: 1:1
Date: JUNE 2003
Design File: C3-4.dwg
Spec. No.: DACA 45-03-B-003
Drawing Code: AF 721-315-04
Contract No.: DACA 45-03-X-XXX
Sheet reference number: C3.4

QJKL-990011P4

KEEP SILT FENCE CLEAR OF ELECTRICAL CONDUITS

10 C7.4 SILT FENCE (TYPICAL)

2nd St.

Kittyhawk Ave.

Military Hwy.

P-756

B.O. # 3

TRANSFORMER PAD

WATER MAIN

BLDG

480V SECONDARY

5A SITE PLAN
1:250

LEGEND

SILT FENCE

TRUE NORTH

PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250
(NORTH)

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Enviroscience/ Inc.
By: James A. Hardman
Title: Project Manager
Registration No: 15241

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Revisions

Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA

Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH

Drawn by: JS

Checked by: DZ

Reviewed by: RK

Submitted by:

MINNEAPOLIS-ST.PAUL AFR MINNESOTA

CONSOLIDATED LODGING FACILITY
- PHASE FOUR -

PHASE FOUR EROSION CONTROL PLAN

Plot Scale Ratio: 1:1

Design File: C4-4.dwg

Date: JUNE 2003

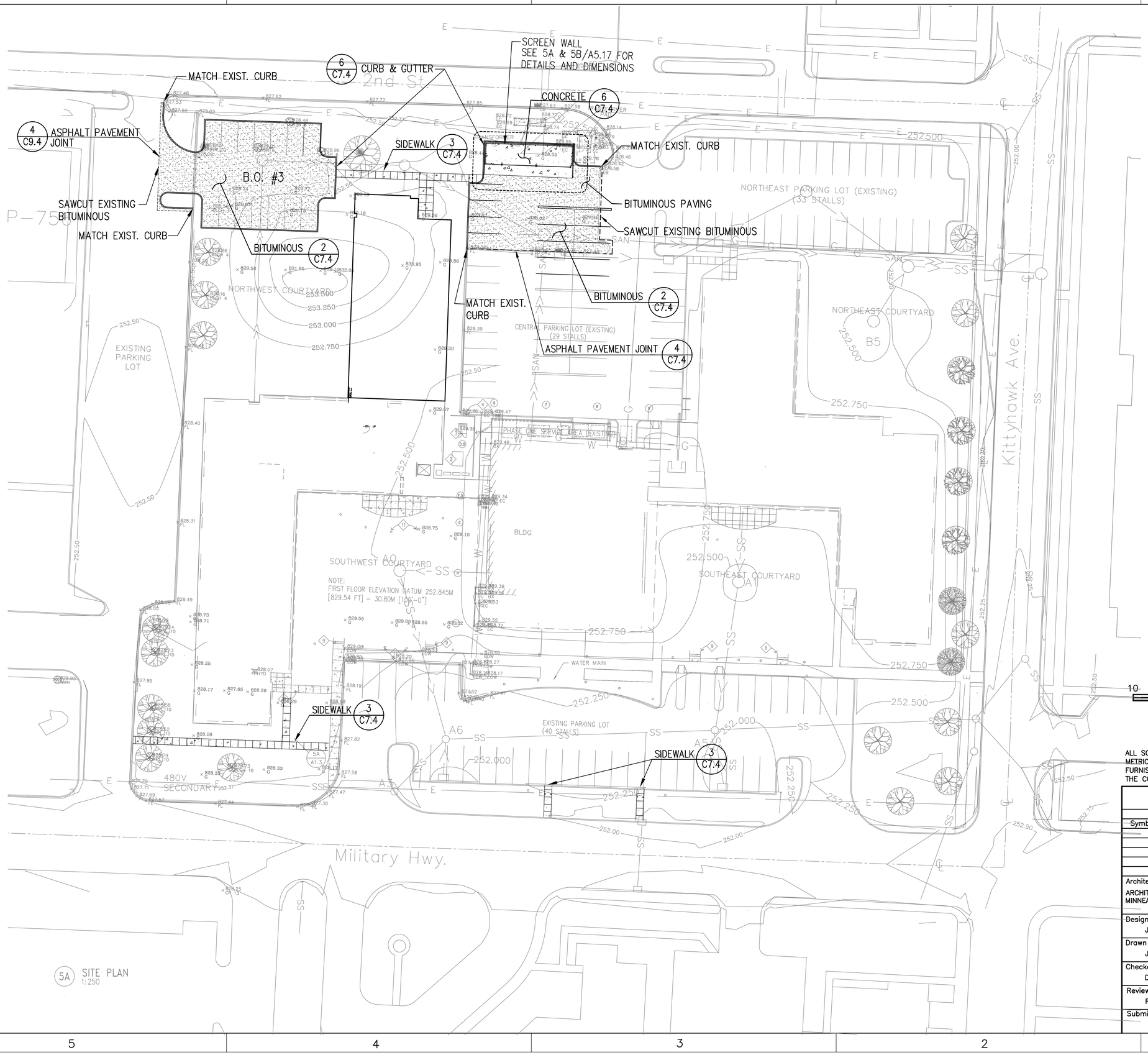
Spec. No.: DACA 45-03-B-003

Contract No.: DACA 45-03-X-XXX

Drawing Code: AF 721-315-04

Sheet reference number: C4.4

QJKL-990011P4



TRUE NORTH

PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250

(METRIC)

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James A. Henderson
Title: Project Manager
Registration No: 15241

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Revisions			
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Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

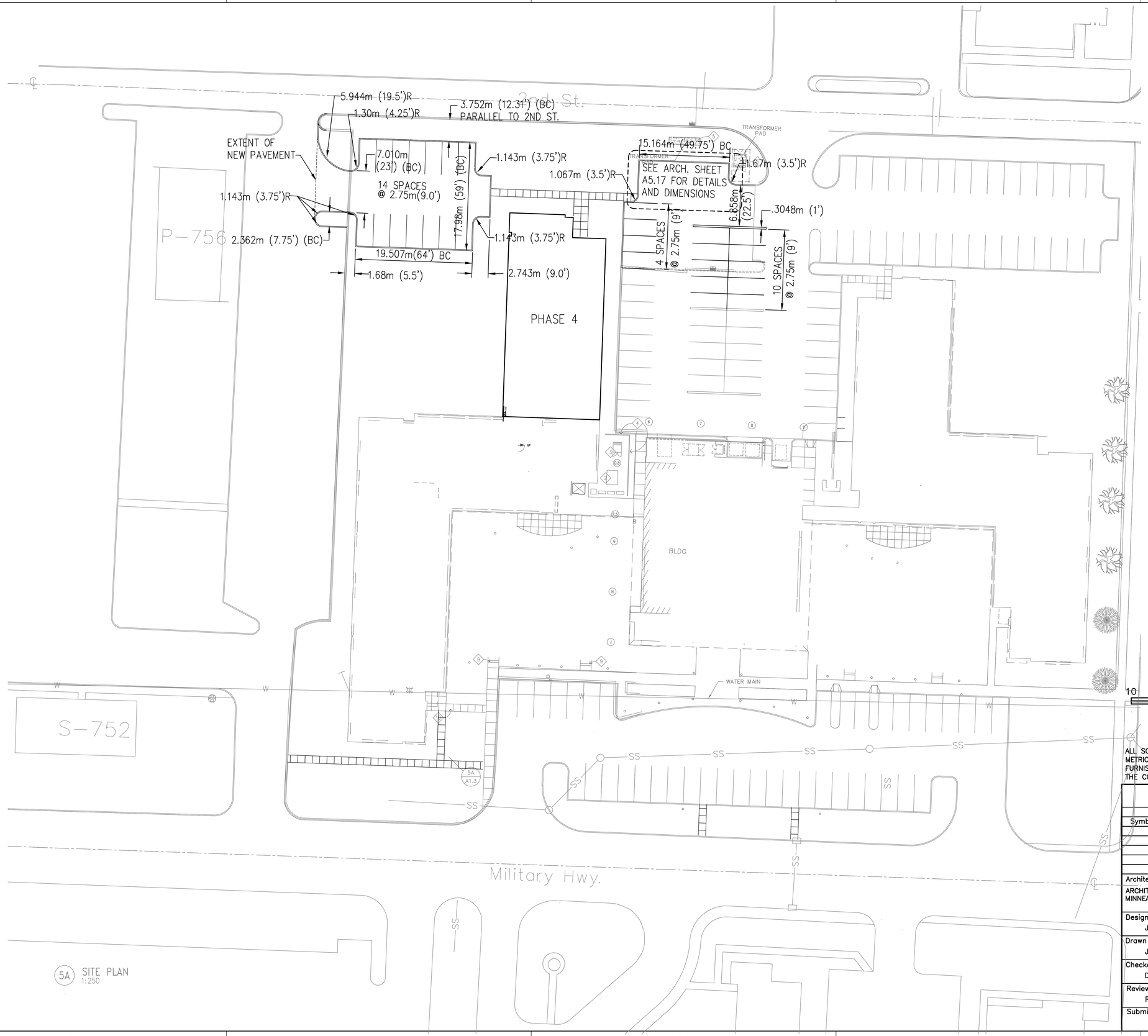
MINNEAPOLIS–ST.PAUL AFR — MINNESOTA

CONSOLIDATED LODGING FACILITY
– PHASE FOUR –

PHASE FOUR SITE SURFACING PLAN

Plot Scale Ratio: 1:1
Design File: C5–4.dwg
Date: JUNE 2003
Spec. No.: DACA 45–03–B–003
Contract No.: DACA 45–03–X–XXX
Drawing Code: AF 721–315–04
Sheet reference number: C5.4

QJKL-990011P4



5A SITE PLAN
1:250

TRUE NORTH

PLAN NORTH

10 5 0 10 20

SCALE: 1 : 250
(METRIC)

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For: Enviroscience, Inc.
By: James A. Hardman
Title: Project Manager
Registration No: 15241

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Revisions

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Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

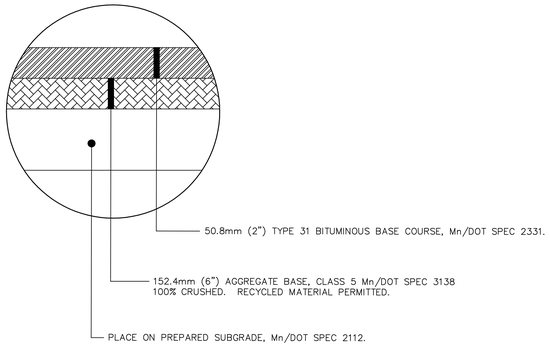
MINNEAPOLIS-ST.PAUL AFR — MINNESOTA

CONSOLIDATED LODGING FACILITY
– PHASE FOUR –

PHASE FOUR SITE DIMENSIONING PLAN

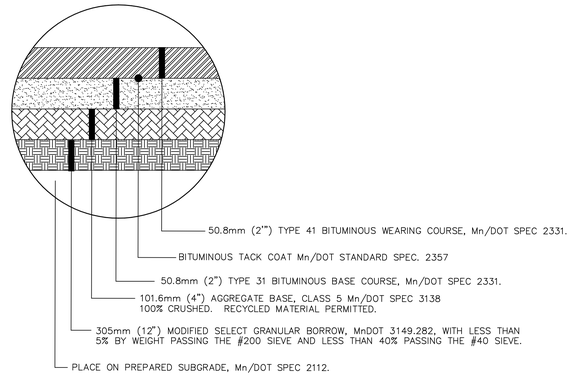
Plot Scale Ratio: 1:1
Design File: C6-4.dwg
Date: JUNE 2003
Sheet reference number: C6.4
Spec. No.: DACA 45-03-B-003
Contract No.: DACA 45-03-X-XXX
Drawing Code: AF 721-315-04

QJKL-990011P4



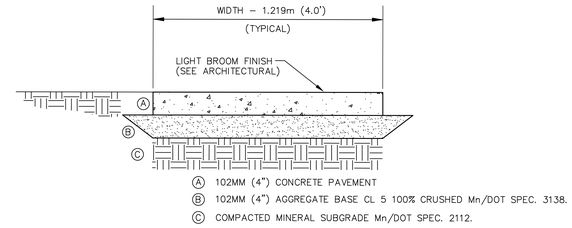
1 BITUMINOUS PAVING SECTION

C5.4 | C7.4 NOT TO SCALE



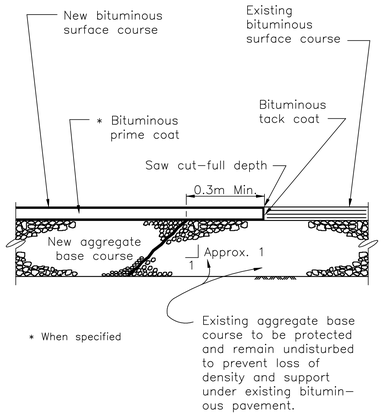
2 BITUMINOUS PAVING SECTION

C5.4 | C7.4 NOT TO SCALE



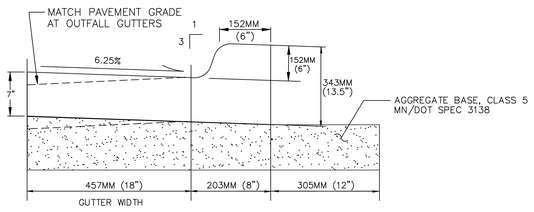
3 SIDEWALK SECTION

C5.4 | C7.4 NOT TO SCALE



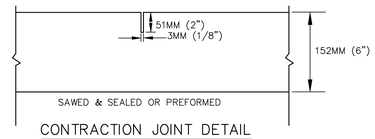
4 ASPHALT PAVEMENT JOINT

C3.4 | C7.4 NOT TO SCALE

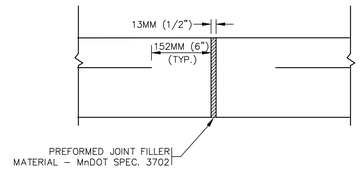


5 CURB & GUTTER

C5.4 | C7.4 NOT TO SCALE



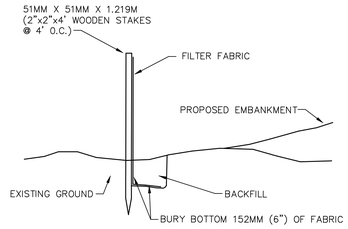
CONTRACTION JOINT DETAIL



EXPANSION JOINT DETAIL WITHOUT DOWEL

6 CONCRETE PAVEMENT JOINTS

C5.4 | C7.4 NOT TO SCALE



7 SILT FENCE

C4.4 | C7.4 NOT TO SCALE

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Envroscience/ Inc.
By: James A. Hoolman
Title: Project Manager
Registration No: 15241

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Revisions

Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH
Drawn by: JS
Checked by: DZ
Reviewed by: RK
Submitted by:

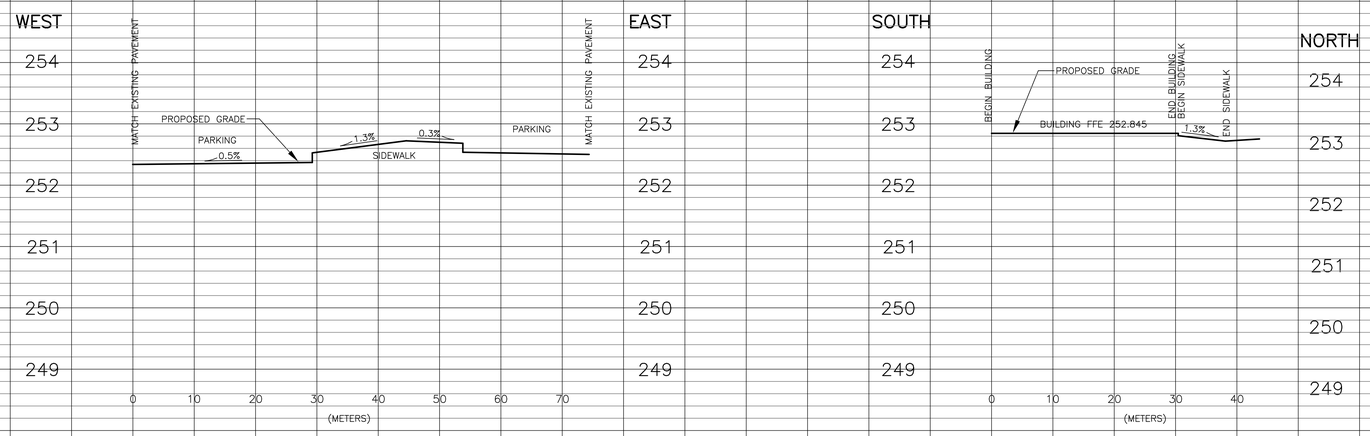
MINNEAPOLIS–ST.PAUL AFR MINNESOTA

CONSOLIDATED LODGING FACILITY
– PHASE FOUR –

SITE DETAILS

Plot Scale Ratio: 1:1
Design File: C7–4.dwg
Date: JUNE 2003
Spec. No.: DACA 45–03–B–003
Contract No.: DACA 45–03–X–XXX
Drawing Code: AF 721–315–04
Sheet reference number: C7.4

QJKL-990011P4



1 SITE GRADING PROFILES
C3.4 | C8.4

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: [signature]
Title: Project Manager
Registration No: 15241

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Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

Designed by: JH	MINNEAPOLIS-ST.PAUL AFR MINNESOTA
Drawn by: JS	CONSOLIDATED LODGING FACILITY – PHASE FOUR – GRADING PROFILES
Checked by: DZ	
Reviewed by: RK	Plot Scale Ratio: 1:1 Date: JUNE 2003 Sheet reference number: C8.4
Submitted by:	Design File: C8-4.dwg Spec. No.: DACA 45-03-B-003 Contract No.: DACA 45-03-X-XXX Drawing Code: AF 721-315-04

QJKL-990011P4