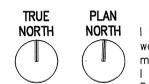


P-756

NOTE:
REPLACE PAVEMENT, CURB
AND GUTTER AS NECESSARY
FROM WATERMAIN RELOCATION
(BOTH SIDES)

NOTE:
WATERMAIN RELOCATION BY OTHERS.
CONTACT: DARYOOSH TIRANDAZI, MINNEAPOLIS
WATER WORKS CONSTRUCTION ENGINEER
(612) 673-5600

5A SITE PLAN
1:250



SCALE: 1 : 250

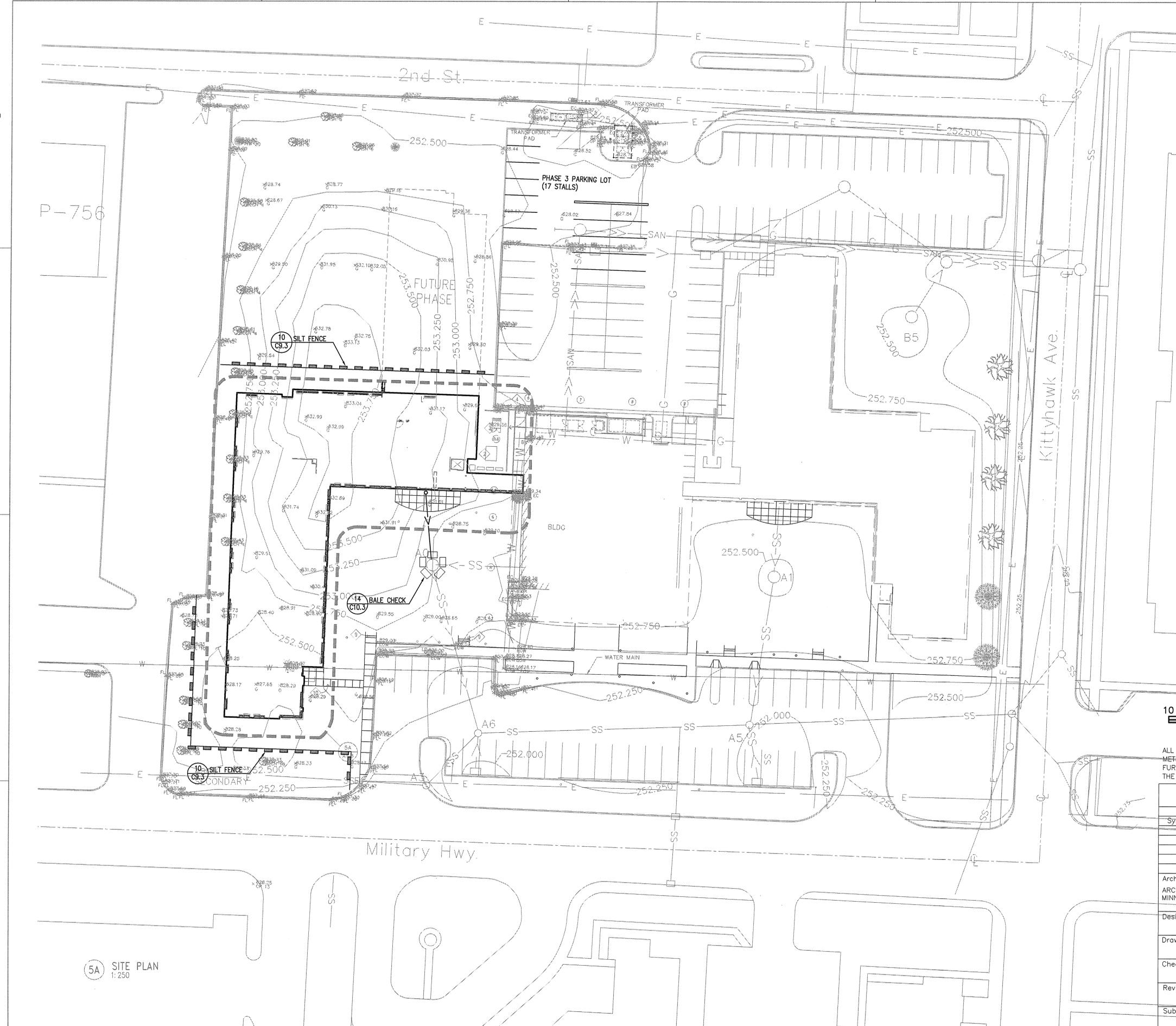
ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.
For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

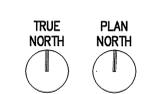
Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:	MINNEAPOLIS-ST. PAUL AFR MINNESOTA	
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by:	PHASE THREE-GRADING PLAN & UTILITIES	
Reviewed by:	Plot Scale Ratio: 1:1	Date: 2/14/02
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF 721-315-03
	Contract No.: DACA xx-xx-x-xxxx	Sheet reference number: C3.3

QJKL-990011P3



P-756



SCALE: 1 : 250

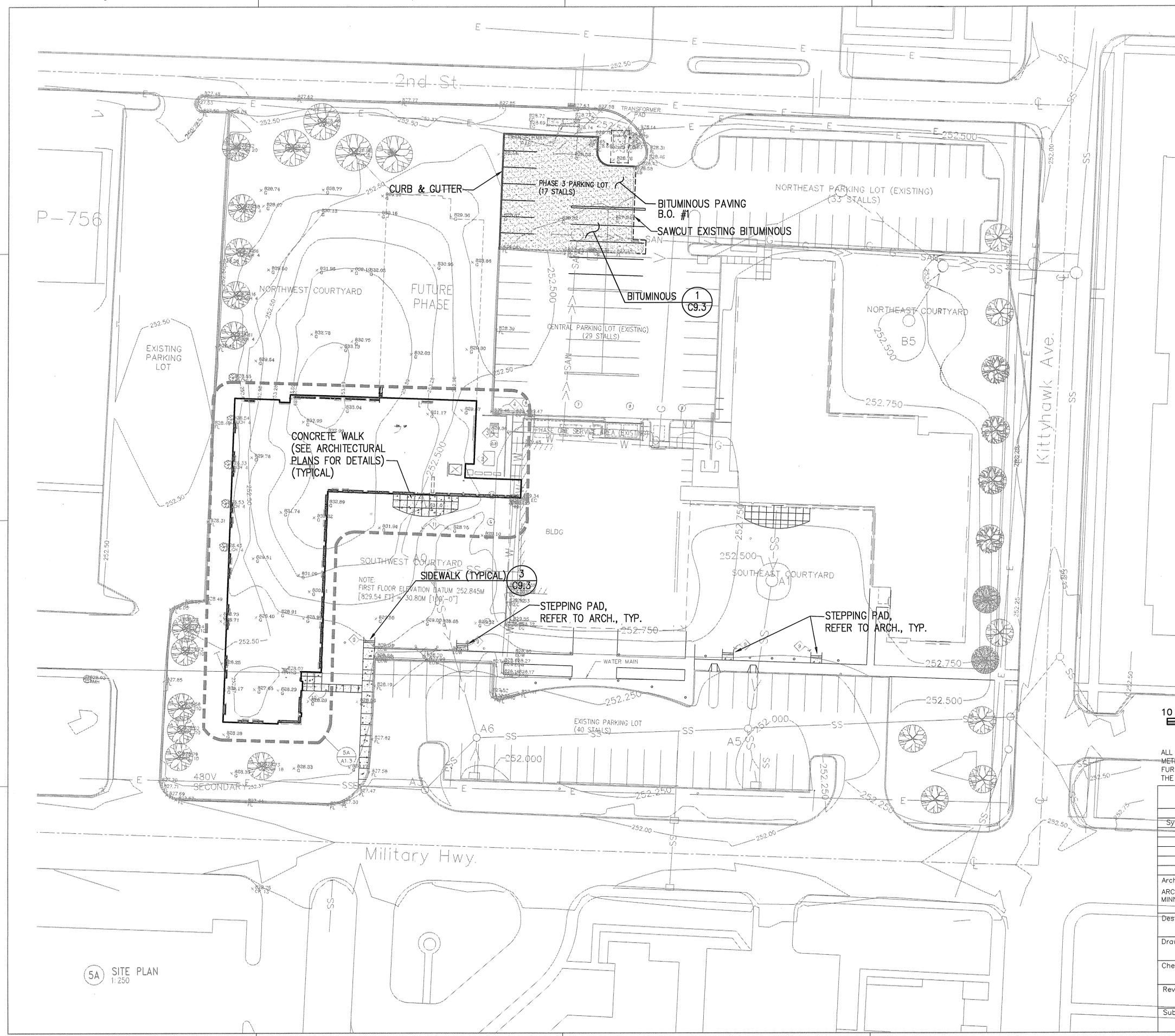
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Revisions			
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Designed by:	MINNEAPOLIS-ST. PAUL AFR MINNESOTA	
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by:	PHASE THREE EROSION CONTROL PLAN	
Reviewed by:	Plot Scale Ratio: 1: 1	Date: 2/14/02
Submitted by:	Spec. No.: DACA 45-02-B-0008	Sheet reference number: C4.3
	Contract No.: DACA xx-xx-x-xxxx	Drawing Code: AF 721-315-03

5A SITE PLAN
1: 250



P-756

CONCRETE WALK
(SEE ARCHITECTURAL
PLANS FOR DETAILS)
(TYPICAL)

SIDEWALK (TYPICAL) 3
C9.3

BITUMINOUS 1
C9.3

PHASE 3 PARKING LOT
(17 STALLS)

NORTHEAST PARKING LOT (EXISTING)
(53 STALLS)

CENTRAL PARKING LOT (EXISTING)
(29 STALLS)

NORTHEAST COURTYARD

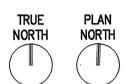
SOUTHWEST COURTYARD

SOUTHEAST COURTYARD

STEPPING PAD,
REFER TO ARCH., TYP.

STEPPING PAD,
REFER TO ARCH., TYP.

5A SITE PLAN
1:250



SCALE: 1 : 250

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For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

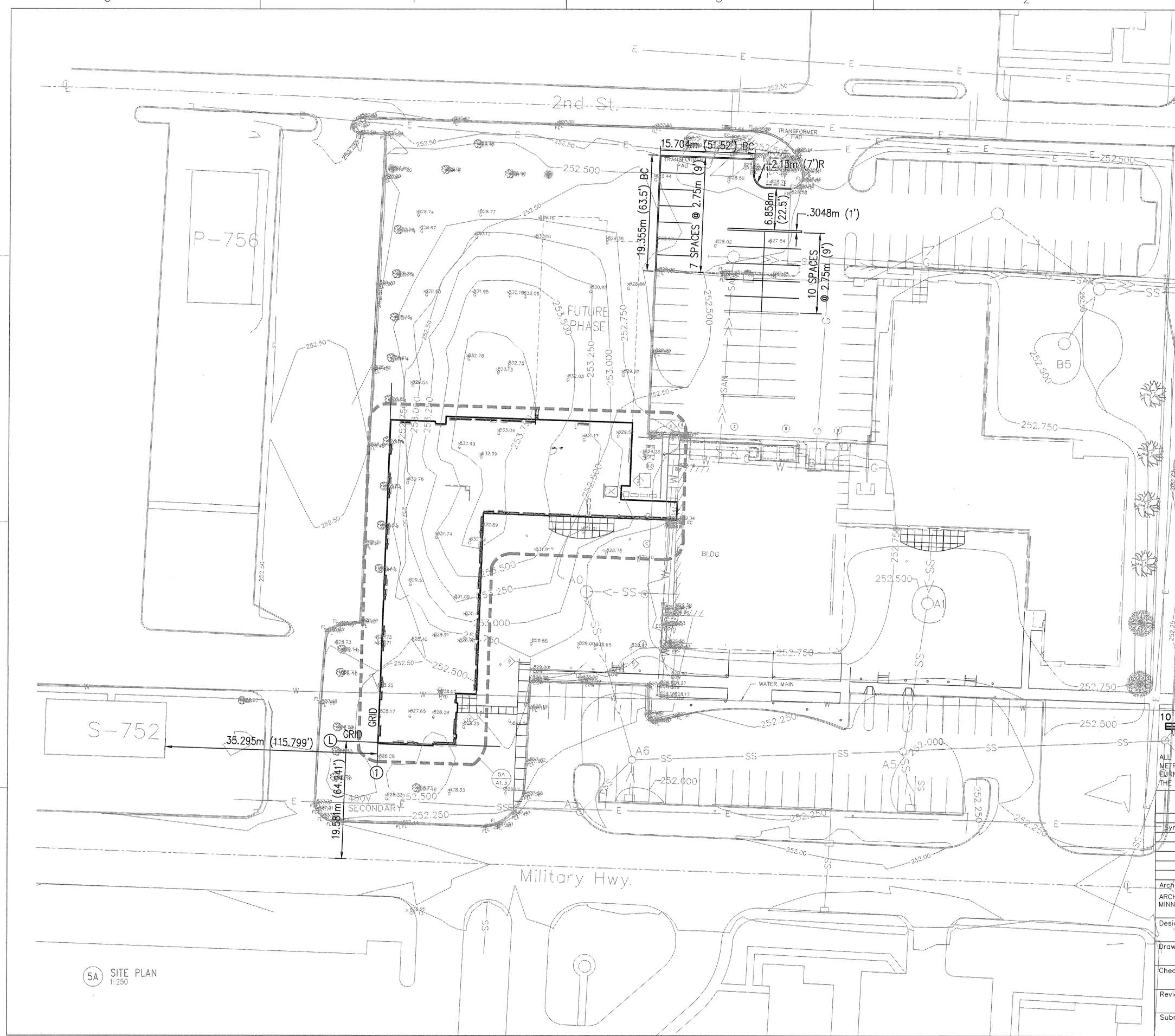
Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
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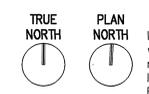
Designed by:	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by:	PHASE THREE SITE SURFACING PLAN	

Reviewed by:	Plot Scale Ratio: 1: 1	Date: 2/14/02	Sheet reference number:
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code:	C5.3
	Contract No.: DACA xx-xx-x-xxxx	AF 721-315-03	

QJKL-990011P3



5A SITE PLAN
1:250



SCALE: 1 : 250

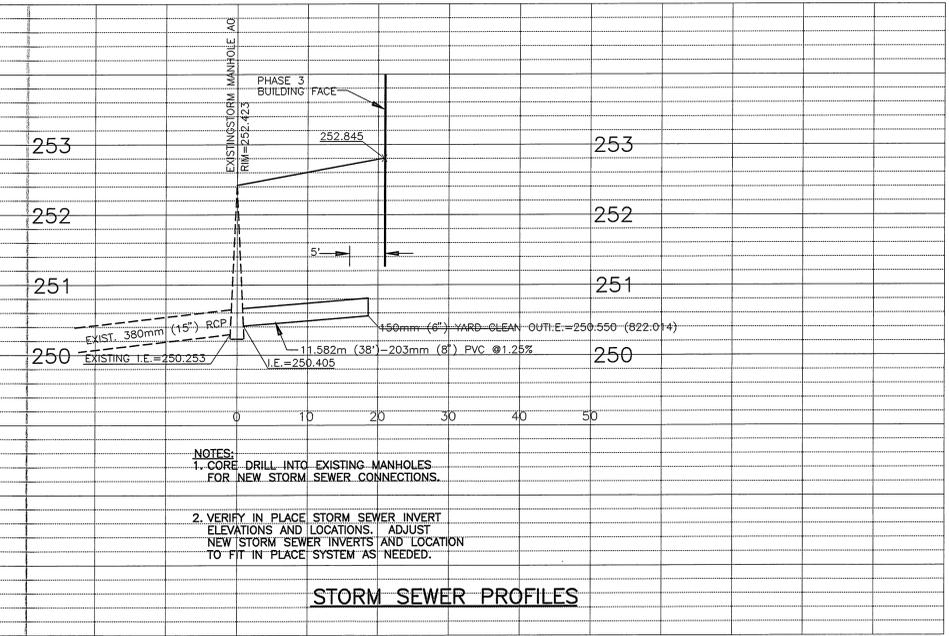
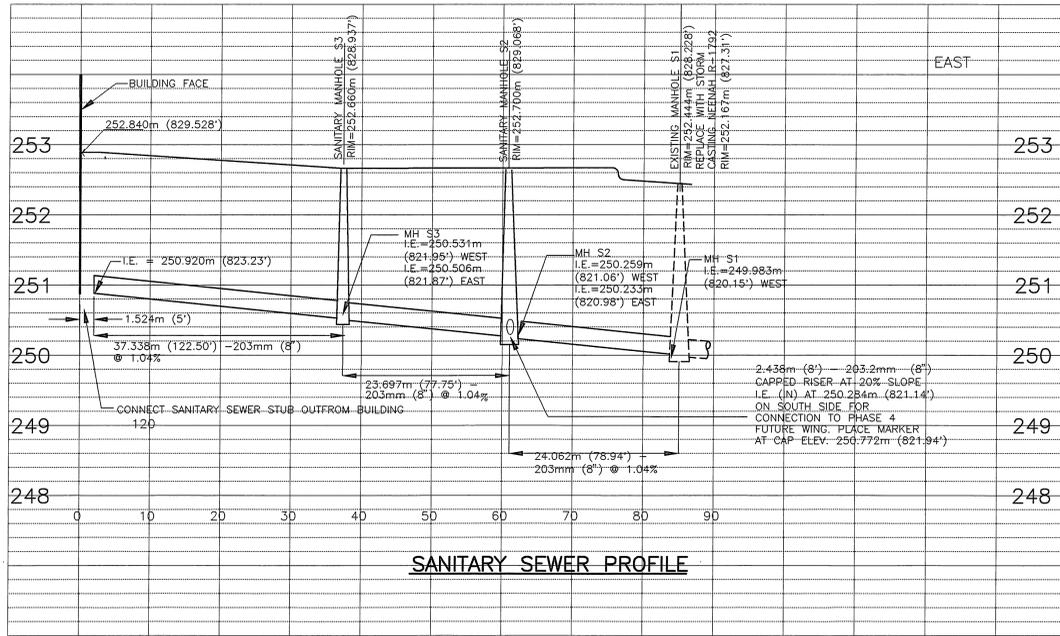
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Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:	MINNEAPOLIS-ST. PAUL AFR MINNESOTA	
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by:	PHASE THREE SITE DIMENSIONING PLAN	
Reviewed by:	Plot Scale Ratio: 1:1 Design File: 2/14/02	Date: 2/14/02 Sheet reference number: C6.3
Submitted by:	Spec. No.: DACA 45-02-B-0008 Contract No.: DACA xx-xx-x-xxxx	Drawing Code: AF 721-315-03

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

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241



- NOTES:**
1. CORE-DRILL INTO EXISTING MANHOLES FOR NEW STORM SEWER CONNECTIONS.
 2. VERIFY IN PLACE STORM SEWER INVERT ELEVATIONS AND LOCATIONS. ADJUST NEW STORM SEWER INVERTS AND LOCATION TO FIT IN PLACE SYSTEM AS NEEDED.

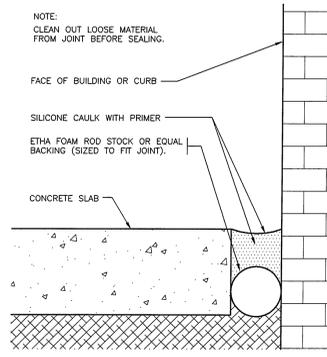
I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

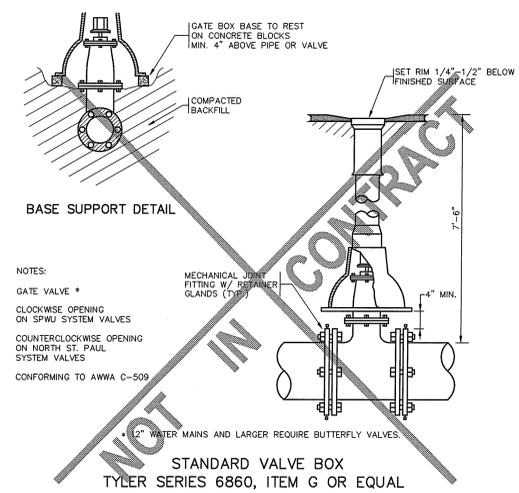
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Revisions			
Symbol	Descriptions	Date	Approved

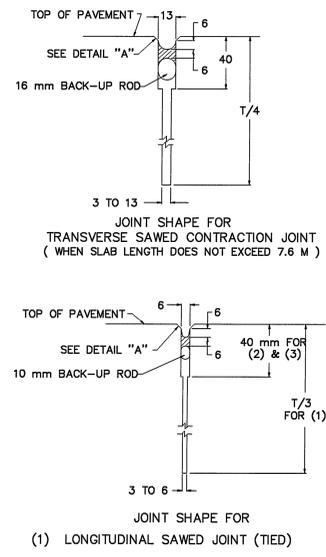
Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
Designed by:	MINNEAPOLIS-ST.PAUL AFR	MINNESOTA	
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE - SANITARY & STORM SEWER PROFILES		
Checked by:			
Reviewed by:	Plot Scale Ratio: 1: 1	Date: 2/14/02	Sheet Reference number:
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF 721-315-03	C8.3
	Contract No.: DACA xx-xx-x-xxxx		



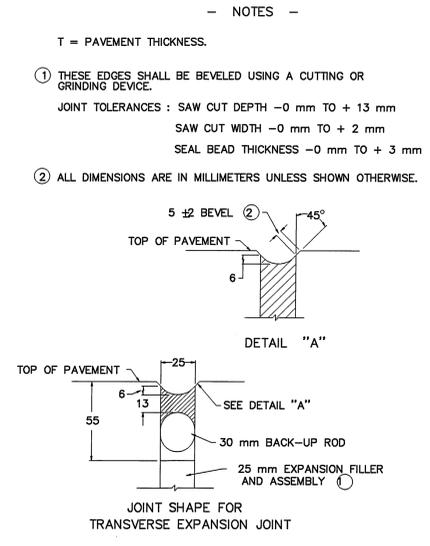
19 CONCRETE JOINT SEAL
C5.3 | C11.3 NOT TO SCALE



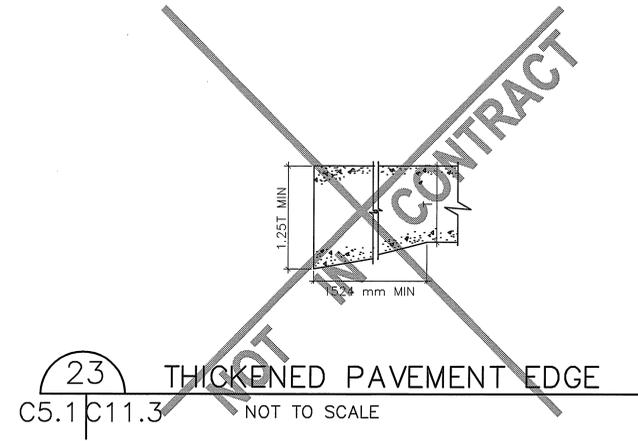
20 GATE VALVE BOX
C7.1 | C11.3 NOT TO SCALE



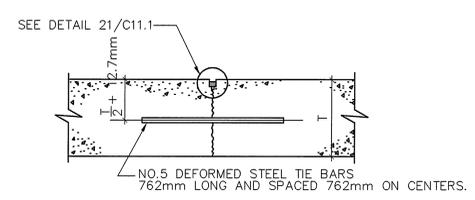
21 SILICON RUBBER SEALS FOR PORTLAND CEMENT CONCRETE
C5.3 | C11.3 NOT TO SCALE



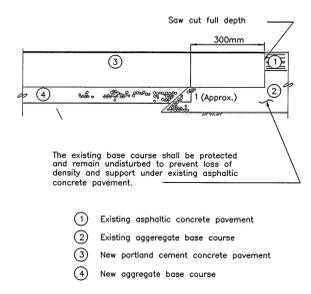
22 COMMERCIAL DRIVEWAY ENTR.
C5.1 | C11.3 NOT TO SCALE



23 THICKENED PAVEMENT EDGE
C5.1 | C11.3 NOT TO SCALE



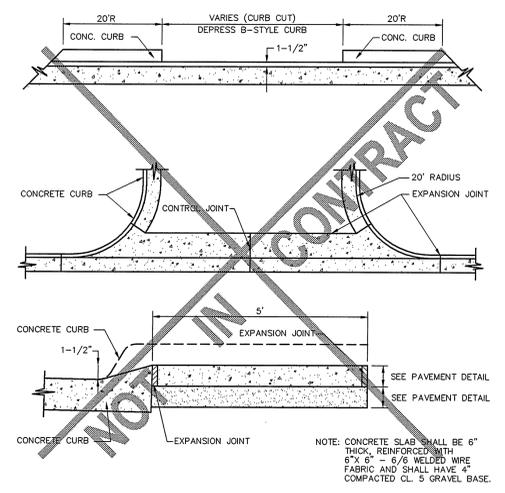
24 TIED CONTRACTION JOINT
C5.3 | C11.3 NOT TO SCALE



25 EXISTING FLEXIBLE PAVEMENT-NEW PC CONCRETE TRANSITION ZONE
C5.3 | C11.3 NOT TO SCALE

NOTES -
T = PAVEMENT THICKNESS.

- ① THESE EDGES SHALL BE BEVELED USING A CUTTING OR GRINDING DEVICE.
- JOINT TOLERANCES : SAW CUT DEPTH -0 mm TO + 13 mm
SAW CUT WIDTH -0 mm TO + 2 mm
SEAL BEAD THICKNESS -0 mm TO + 3 mm
- ② ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.



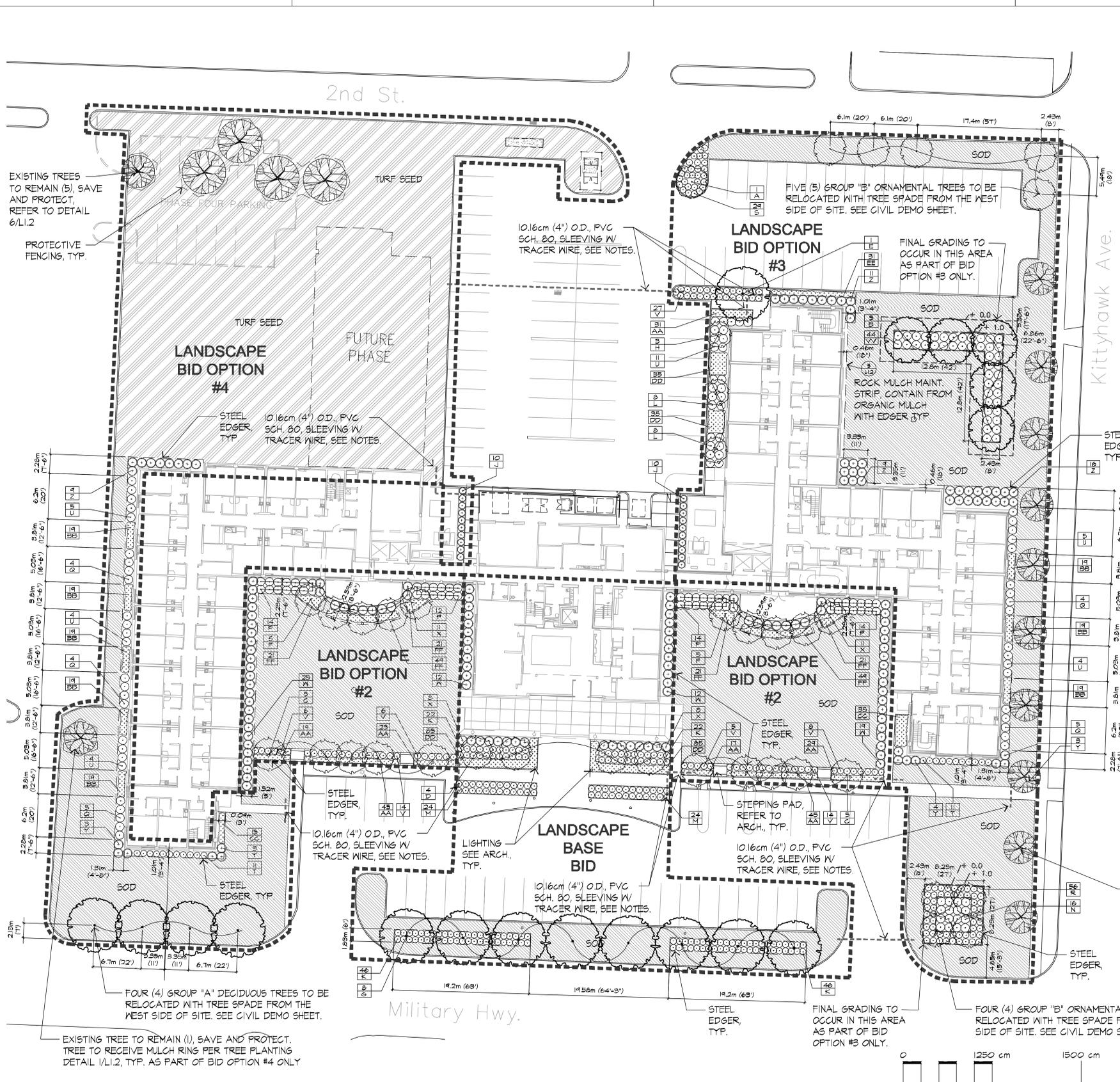
I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

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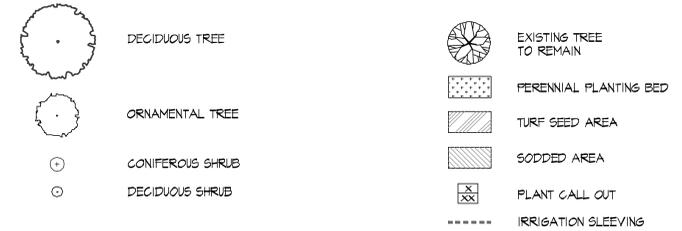
Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
Designed by:	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA	
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -		
Checked by:	SITE DETAILS		
Reviewed by:	Plot Scale Ratio: 1: 1 Design File: Spec. No.: DACA 45-02-B-0008	Date: 2/14/02	Sheet reference number: C11.3
Submitted by:	Contract No.: DACA xx-xx-x-xxxx	Drawing Code: AF 721-315-03	C11.3



SYM	BASE	B.O.#2	B.O.#3	B.O.#4	COMMON NAME	SCIENTIFIC NAME	SIZE	CONT	COMMENTS
DECIDUOUS TREES									
A	-	-	1	-	IVORY SILK LILAC	<i>Syringa reticulata</i> 'Ivory Silk'	9.8 cm CAL. (15")	B&B	SINGLE LEADER
B	-	-	5	-	LITTLELEAF LINDEN	<i>Tilia cordata</i>	7.6 cm CAL. (2.5")	B&B	SINGLE LEADER
C	-	10	-	-	SPRING SNOW CRABAPPLE	<i>Malus 'Spring Snow'</i>	9.8 cm CAL. (15")	B&B	SINGLE LEADER
D	4	-	-	-	SPRING SNOW CRABAPPLE	<i>Malus 'Spring Snow'</i>	7.6 cm CAL. (2.5")	B&B	SINGLE LEADER
E	-	-	1	-	IMPERIAL HONEYLOCUST	<i>Gleditsia triacanthos</i> 'Imperial'	7.6 cm CAL. (2.5")	B&B	SINGLE LEADER
F	-	10	-	-	PINK SPIRES CRABAPPLE	<i>Malus 'Pink Spires'</i>	9.8 cm CAL. (15")	B&B	SINGLE LEADER
G	8	-	-	-	SAFARI WHITE OAK	<i>Quercus bicolor</i>	7.6 cm CAL. (2.5")	B&B	SINGLE LEADER
H	8	-	3	-	ALLIGATOR CUMPT	<i>Ampelocera laevis</i>	15.2 cm HGT (60")	B&B	CUMPT FORM
CONIFEROUS TREES									
J	-	-	10	10	MEDORA JUNIPER	<i>Juniperus scopulorum</i> 'Medora'	12.1 cm HGT (40")	B&B	FULL FORM
DECIDUOUS SHRUBS									
K	136	-	-	-	DWARF KOREAN LILAC	<i>Syringa meyeri</i> 'Palibin'	61 cm HGT. (24")	POT	4 m (3) O.C.
L	-	-	16	-	ISANTI POSYWOOD	<i>Cornus sericea</i> 'Isanti'	61 cm HGT. (24")	POT	122 m (4) O.C.
M	46	-	-	-	PART'S RED SPIREA	<i>Spiraea x bumalda</i> 'Part's Red'	61 cm HGT. (24")	POT	122 m (4) O.C.
N	-	-	16	-	DWF. EURO. CRANBERRY BUSH	<i>Viburnum opulus</i> 'Nanum'	61 cm HGT. (24")	POT	122 m (4) O.C.
P	-	54	-	-	COMP. AM. CRANBERRY BUSH	<i>Viburnum trilobum</i> 'Compact'	61 cm HGT. (24")	POT	122 m (4) O.C.
Q	-	-	4	18	ANTHONY WATERER SPIREA	<i>Spiraea x bumalda</i> 'A. Waterer'	61 cm HGT. (24")	POT	122 m (4) O.C.
R	-	-	56	-	JAPANESE WHITE SPIREA	<i>Spiraea alata</i>	61 cm HGT. (24")	POT	4 m (3) O.C.
S	-	-	24	-	LITTLE PRINCESS SPIREA	<i>Spiraea japonica</i> L. 'Princess'	61 cm HGT. (24")	POT	4 m (3) O.C.
T	-	-	11	11	EM. MOUND HONEY SUCKLE	<i>Lonicera maackii</i> 'Em. Mound'	61 cm HGT. (24")	POT	4 m (3) O.C.
U	-	-	22	18	DWARF BURNING BUSH	<i>Erythronium alba</i> 'Compact'	61 cm HGT. (24")	POT	122 m (4) O.C.
V	-	53	27	-	DWARF BUSH HONEY SUCKLE	<i>Derivilla lanicera</i>	61 cm HGT. (24")	POT	122 m (4) O.C.
VV	-	-	44	-	ANNABELLE HYDRANGEA	<i>Hydrangea arborescens</i> 'Annabelle'	61 cm HGT. (24")	POT	122 m (4) O.C.
CONIFEROUS SHRUBS									
W	24	44	-	-	SAVIN JUNIPER	<i>Juniperus saina</i>	46 cm SPFRD (18")	POT	122 m (4) O.C.
X	16	22	-	-	SEA GREEN JUNIPER	<i>Juniperus chinensis</i> 'Sea Green'	61 cm SPFRD (24")	POT	122 m (4) O.C.
Y	-	-	-	6	ARCADIA JUNIPER	<i>Juniperus saina</i> 'Arcadia'	46 cm SPFRD (18")	POT	122 m (4) O.C.
Z	-	-	-	36	TAUNTON YEA	<i>Taxus media</i> 'Taunton'	61 cm SPFRD (24")	POT	122 m (4) O.C.
PERENNIALS									
AA	-	178	81	-	STELLA d'ORO DAYLILY	<i>Hemerocallis x Stella d'Or'</i>	45 L (1.07)	POT	45 m (18") O.C.
BB	-	-	57	45	PURPLE CORNEL DOGWOOD	<i>Cornus rugosa</i>	3.8 L (1.01)	POT	45 m (18") O.C.
CC	-	-	35	15	PURPLE PAL CORAL BELLS	<i>Heuchera miscanthoides</i> 'Pal Purple'	45 L (1.07)	POT	45 m (18") O.C.
DD	170	-	70	-	AUTUMN JOY SEDUM	<i>Sedum 'Autumn Joy'</i>	45 L (1.07)	POT	45 m (18") O.C.
EE	-	-	31	-	SPOTTED DEADNETTLE	<i>Lonicera macularum</i> 'White Nancy'	11.3cm (2.14")	POT	4 m (16") O.C.
FF	-	182	-	-	BLACKBERRY SUSAN	<i>Rudbeckia hirta</i> 'Goldstrum'	3.8 L (1.01)	POT	45 m (18") O.C.
GG	-	-	-	-	HOSTA	<i>Hosta 'Royal Standard'</i>	3.8 L (1.01)	POT	45 m (18") O.C.

PLANTING SCHEDULE:



PLANTING LEGEND:

LANDSCAPE BID OPTIONS:
 BID OPTIONS NOT SELECTED AS PART OF THE CONSTRUCTION CONTRACT WILL RECEIVE TURF SEED IN LIEU OF LANDSCAPING. REFER TO SPEC.

TREE PROTECTION:
 TREE PROTECTION IN THE FORM OF 1.061m (42") SNOW FENCING, WILL BE REQUIRED AS NOTED ON PLAN AROUND THE ENTIRE DRIP LINE OF TREES SCHEDULED TO REMAIN. TREE PROTECTION SHALL BE INSTALLED PRIOR TO CONSTRUCTION. GROVES OF TREES IN CLOSE PROXIMITY TO EACH OTHER MAY ALLOW FOR A SINGLE FENCE TO ENIRCLE THE ENTIRE GROVE RATHER THAN USING INDIVIDUAL FENCES AROUND EACH TREE. REMOVE FENCING AT TIME OF OWNER ACCEPTANCE.

TREE RELOCATION:
 A TOTAL OF (18) EXISTING TREES ARE TO BE RELOCATED AS PART OF THE BASE BID. LOCATIONS ARE SHOWN ON THIS PLAN. REFER TO CIVIL DRAWINGS FOR 'EXISTING TREES TO BE RELOCATED' NOTES. THE TREE SIZES WILL REQUIRE A TREE SPADE OF 1.8 m (60") DIAMETER MINIMUM.

IRRIGATION:
 IRRIGATION TO BE INCLUDED FOR EACH OPTION AREA SELECTED AS PART OF THE CONSTRUCTION CONTRACT. IRRIGATION SLEEVING TO BE INCLUDED FOR EACH OPTION AREA AS PART OF THE BASE BID. REFER TO PLAN FOR LOCATIONS. CONTRACTOR TO PROVIDE IRRIGATION WHERE REQUIRED IN EACH OPTION AREA AND CONNECTION TO THE 15mm (3/4") DIA. SUPPLY LINE STUBBED FROM MECHANICAL ROOM #101A (LOCATED IN NORTHWEST CORNER OF PHASE ONE BUILDING) DIRECTLY OR VIA OTHER OPTION AREAS. CONTRACTOR TO PROVIDE IRRIGATION SHOP DRAWINGS FOR EACH OPTION AREA SELECTED. SEE PLANTING NOTES. CONTRACTOR TO INSTALL INTERIOR IRRIGATION CONTROLLER, BACKFLOW PREVENTER AND 75mm (3 in) DIA. WATER METER AS PART OF THE BASE BID (CONTROLLER TO BE MOUNTED ON THE EAST WALL OF THE PHASE ONE MECHANICAL ROOM). IRRIGATION SYSTEM DESIGN SHOULD ASSUME WATER PRESSURE OF 552 kpa (80 psi) AT THE SOURCE.

GENERAL NOTES:

EXISTING TREES TO REMAIN (10), SAVE AND PROTECT. TREES TO RECEIVE MULCH RING PER TREE PLANTING DETAIL 1/L1.2, TYP. AS PART OF BID OPTION #3 ONLY.

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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 landscape architect under the laws of the State of Minnesota.

For: Damon Fisher Associates
 By: *Damon Fisher*
 Title: Principal
 Registration No: 12538

LANDSCAPE PLAN:

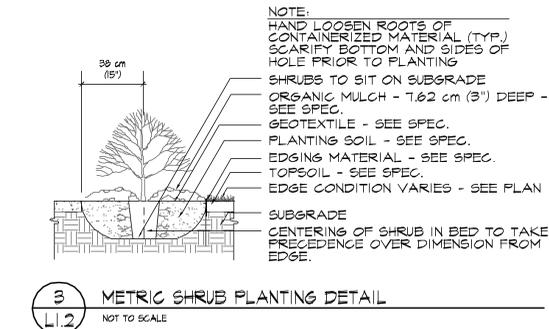
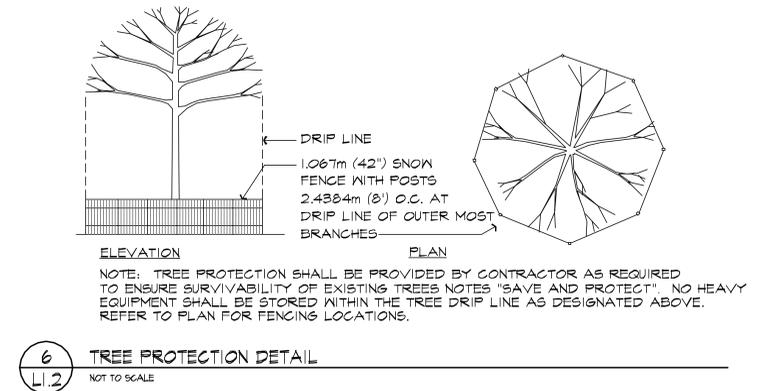
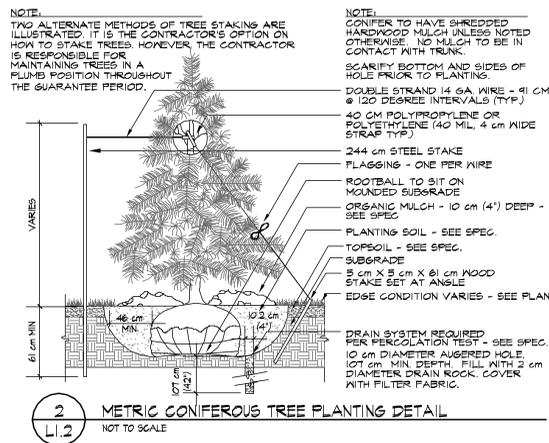
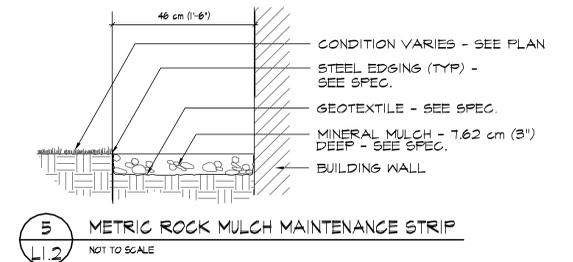
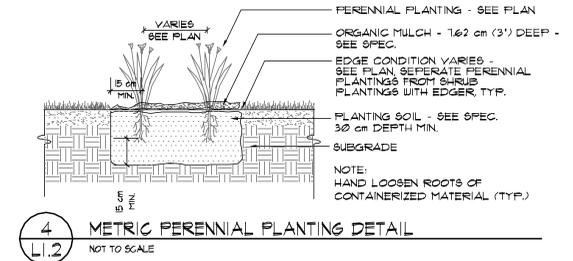
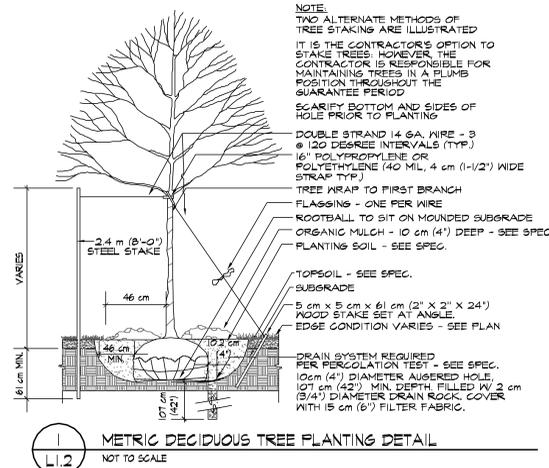
Revisions			
Symbol	Descriptions	Date	Approved

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
--	--	--

Designed by: MJW
 Drawn by: MJW
 Checked by: DF

MINNEAPOLIS-ST. PAUL AFR
 MINNESOTA
 CONSOLIDATED LODGING FACILITY
 - PHASE THREE -
 PHASE THREE SITE PLAN

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Submitted by: <i>Damon Fisher</i>	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF 721-315-03	L1.1
	Contract No.:		



- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. HE SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.
- VERIFY LAYOUT AND DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.
- ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.
- CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, WALKS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. DAMAGE TO THE SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS (MINIMUM 3.048m (10' - 0") CLEARANCE).
- UNDERGROUND UTILITIES SHALL BE LAID SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF ANY EXISTING TREES TO REMAIN.
- EXISTING CONTOURS, WALKS, VEGETATION, CURB/GUTTER AND OTHER EXISTING ELEMENTS SHOWN ARE BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.
- COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.
- NO PLANTING WILL BE INSTALLED UNTIL COMPLETE GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- SEED AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES INCLUDING DISTURBANCE IN BID AREAS WHERE BID OPTION IS NOT SELECTED.
- WHERE SOD/SEED ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 2.54cm (1") BELOW SURFACE ELEVATION OF WALK, CURB, ETC.
- SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.
- PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN, UNLESS NOTED OTHERWISE. DECIDUOUS SHRUBS SHALL HAVE AT LEAST 3 CANES AT THE SPECIFIED SHRUB HEIGHT. ORNAMENTAL TREES SHALL HAVE NO 'V' CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 91cm (3') ABOVE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 1.83m (6') ABOVE FINISHED GRADE.
- PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS TAKE PRECEDENCE OVER NOTES.
- PROPOSED PLANTS SHALL BE LOCATED AND STAKED AS SHOWN. LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER MUST APPROVE STAKING OF PLANT MATERIAL PRIOR TO DIGGING.
- NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER BY THE LANDSCAPE CONTRACTOR PRIOR TO THE SUBMISSION OF A BID AND/OR QUOTATION.
- ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICE MUST APPROVE IN WRITING.
- PLANT MATERIALS SHALL BE FERTILIZED UPON INSTALLATION WITH DRIED BONE MEAL, OTHER APPROVED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS OR MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 0-20-20 OF 54.2ml (12 OZ) PER 6.35cm (2.5") CALIPER PER TREE AND 29.6cm (6 OZ) PER SHRUB WITH AN ADDITIONAL APPLICATION OF 10-10-10 THE FOLLOWING SPRING IN THE TREE SAUCER.
- PLANTS TO BE INSTALLED PER PLANTING DETAILS.
- PLANTING AREAS RECEIVING PERENNIALS OR ANNUALS, SHALL RECEIVE A MINIMUM DEPTH OF 30cm OF PLANTING SOIL CONSISTING OF AT LEAST 45 PARTS TOPSOIL, 45 PARTS PEAT OR MANURE AND 10 PARTS SAND.

- WRAPPING MATERIAL SHALL BE CORRUGATED PVC PIPING 2.54cm (1") GREATER IN CALIPER THAN THE TREE BEING PROTECTED OR QUALITY HEAVY WATERPROOF CREPE PAPER MANUFACTURED FOR THIS PURPOSE WRAP DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO 12-1 AND REMOVE WRAPPING AFTER 5-1.
- STEEL EDGER TO BE USED TO CONTAIN SHRUBS, PERENNIALS AND ANNUALS WHERE BED MEETS SOD/SEED UNLESS NOTED OTHERWISE EDGER TO BE 1/8" THICK X 4" HGT. BLACK.
- PERENNIAL AREA MASSINGS TO RECEIVE 7.62 cm (3") DEEP SHREDDED HARDWOOD MULCH WITH NO GEOTEXTILE.
- SHRUB BED MASSINGS TO RECEIVE 7.62 cm (3") DEEP SHREDDED HARDWOOD MULCH WITH GEOTEXTILE.
- MAINTENANCE STRIPS TO HAVE EDGER AND MULCH AS INDICATED ON DRAWING AND DETAIL.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN IRRIGATION LAYOUT PLAN AND SPECIFICATION AS A PART OF THE SCOPE OF WORK WHEN BIDDING. THESE SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER PRIOR TO ORDER AND/OR INSTALLATION. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT SODDED AND AREAS PLANTED WITH SHRUBS AND TREES ARE IRRIGATED PROPERLY, INCLUDING THOSE AREAS DIRECTLY AROUND AND ABUTTING BUILDING FOUNDATION.
- TRACER WIRE FOR IRRIGATION SLEEVING SHALL BE SOLID BLUE FILM WITH METALLIC CORE AND CONTINUOUSLY PRINTED BLACK-LETTER CAPTION, "CAUTION -- WATERLINE BURIED BELOW."
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER WITH A WATERING/LAWN IRRIGATION SCHEDULE APPROPRIATE TO THE PROJECT SITE CONDITIONS AND TO PLANT MATERIAL GROWTH REQUIREMENTS.
- IF THE LANDSCAPE CONTRACTOR IS CONCERNED OR PERCEIVES DEFICIENCIES IN THE PLANT SELECTIONS, SOIL CONDITIONS OR OTHER SITE CONDITION WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR GUARANTEE, HE MUST BRING THESE DEFICIENCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT AND/OR INSTALLATION.
- CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE/INSPECTION OF LANDSCAPE AND SITE IMPROVEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR ONGOING MAINTENANCE OF NEARLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE THE OWNER WITH A MAINTENANCE PROGRAM INCLUDING, BUT NOT NECESSARILY LIMITED TO, PRUNING, FERTILIZATION AND DISEASE/PEST CONTROL.
- CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE.
- WARRANTY (ONE FULL GROWING SEASON) FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AFTER THE COMPLETION OF PLANTING OF LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- SUBMIT REPRODUCIBLE AS-BUILT DRAWING(S) OF LANDSCAPE INSTALLATION AND SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO PROJECT ACCEPTANCE.
- UNLESS NOTED OTHERWISE THE APPROPRIATE DATES FOR SPRING PLANT MATERIAL INSTALLATION AND SOD PLACEMENT IS FROM THE TIME GROUND HAS THAWED TO JUNE 15. PLANTING OUTSIDE OF THESE DATES IS NOT RECOMMENDED. ADJUSTMENT MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER.
- FALL DECIDUOUS PLANTING FROM THE FIRST FROST UNTIL NOVEMBER 15. PLANTING OUTSIDE THESE DATES IS NOT RECOMMENDED. ADJUSTMENT MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER.
- FALL SODDING IS GENERALLY ACCEPTABLE FROM AUGUST 15 - NOVEMBER 1. PLANTING OUTSIDE THESE DATES IS NOT RECOMMENDED. ADJUSTMENT MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT AND/OR CONTRACTING OFFICER.
- LANDSCAPE CONTRACTOR SHALL ESTABLISH TO HIS SATISFACTION THAT SOIL AND COMPACTION CONDITIONS ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AT AND AROUND THE BUILDING SITE.

PLANTING NOTES:

PLANTING DETAILS:

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: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: MJW	MINNEAPOLIS-ST. PAUL AFR MINNESOTA	
Drawn by: MJW	CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by: DF	LANDSCAPE NOTES & DETAILS	
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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 landscape architect under the laws of the State of Minnesota.

For: *Damon Johnson*
Title: Principal
Registration No: 12538