

# FEDEX GROUND DISTRIBUTION CENTER

3901 HANSON ROAD  
DANE COUNTY  
MADISON, WISCONSIN 53704

## PARKING LOT PLAN SITE INFORMATION BLOCK

SITE ADDRESS: 3901 HANSON ROAD  
SITE ACREAGE: 40.21 ACRES

NUMBER OF BUILDING STORIES (ABOVE GRADE): 1  
BUILDING HEIGHT: 34'-6" FROM DOCK PVMT  
DIHLR TYPE OF CONSTRUCTION: IIB  
BUILDING IS UNLIMITED IN AREA PER SECTION 507 OF CODE  
TOTAL SQUARE FOOTAGE OF ADDITION: 18,293  
TOTAL SQUARE FOOTAGE OF BUILDING: 132,201  
IMPERVIOUS RATIO PERCENTAGE: 29%  
LAND DISTURBANCE SQUARE FOOTAGE: 181693 OR 6.31%

USE OF PROPERTY: PACKAGE DISTRIBUTION CENTER  
GROSS SQUARE FOOTAGE OF OFFICE: 6,237  
GROSS SQUARE FOOTAGE OF RETAIL: N/A  
NUMBER OF EMPLOYEES IN WAREHOUSE: 160  
NUMBER OF EMPLOYEES IN PRODUCTION AREA: 0  
CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY: N/A

NUMBER OF BICYCLE STALLS SHOWN: 21

NUMBER OF PARKING STALLS:

SMALL CARS	0
LARGE CARS	199
ACCESSIBLE	7
TOTAL	206

NUMBER OF TREES SHOWN: 118

## SHEET INDEX:

SHEET #	SHEET NAME	REV. NR.
T1	TITLE SHEET	5

### SITE LIGHTING:

SHEET #	SHEET NAME	REV. NR.
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### LANDSCAPE:

SHEET #	SHEET NAME	REV. NR.
L1.1	LANDSCAPE PLAN	4

### CIVIL:

SHEET #	SHEET NAME	REV. NR.
C-1	EXISTING SITE LAYOUT	1
C-2	SITE LAYOUT PLAN	1
C-3	SITE GRADING AND EROSION CONTROL PLAN	1
C-4	SITE GRADING AND DRAINAGE	6
C-4.1	PARTIAL SITE GRADING @ WEST PARKING LOT	2
C-5	FIRE APPARATUS PLAN	1

### STRUCTURAL:

SHEET #	SHEET NAME	REV. NR.
S100	GENERAL STRUCTURAL DATA	3
S200	FOUNDATION PLAN	4
S201	FOUNDATION DETAILS	4
S300	ROOF FRAMING PLAN	4
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S302	FRAMING DETAILS	4
S303	JOIST AND JOIST GIRDER SCHEDULES	3
S304	ROOF DECK LAYOUT	3
S400	KEY PLAN	2
S401	WALL PANEL LAYOUT	2
S402	RELOCATED WALL PANEL LAYOUT	1
S500	WALL PANEL REINFORCING	2
S600	WALL PANEL INSERTS	2
S700	STANDARD FABRICATION DETAILS	1

### ARCHITECTURAL:

SHEET #	SHEET NAME	REV. NR.
A-1	BUILDING PLAN	3
A-2	OFFICE AND FURNITURE LAYOUTS	4
A-3	DOOR AND FINISH SCHEDULES	3
A-4	BUILDING ELEVATIONS	1
A-4.1	WALL SECTIONS	1
D-1	DETAILS	2
D-2	DETAILS	3
D-3	DETAILS	1
D-4	DETAILS	1

### MECHANICAL:

SHEET #	SHEET NAME	REV. NR.
HV-1	HEATING & VENTILATION PLAN	1

### PLUMBING:

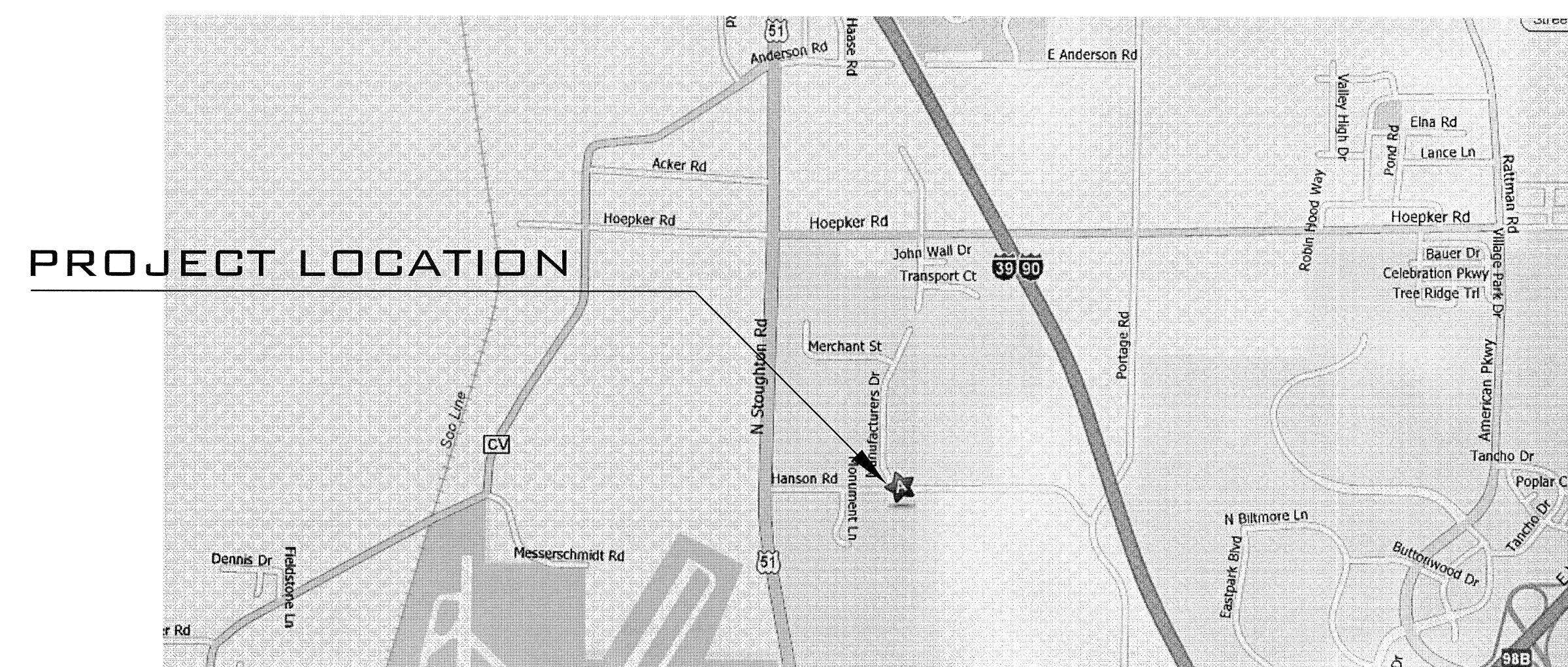
SHEET #	SHEET NAME	REV. NR.
P-1	ABRV., DETAILS, NOTES, SCHED.'S, & SYMBOLS	1
P-2	PLUMBING FLOOR PLAN	1
P-3	ENLARGED PLUMBING FLOOR PLAN	

### ELECTRICAL:

SHEET #	SHEET NAME	REV. NR.
E-1	ELECTRICAL PLAN	1
E-2	ELECTRICAL PLAN	1

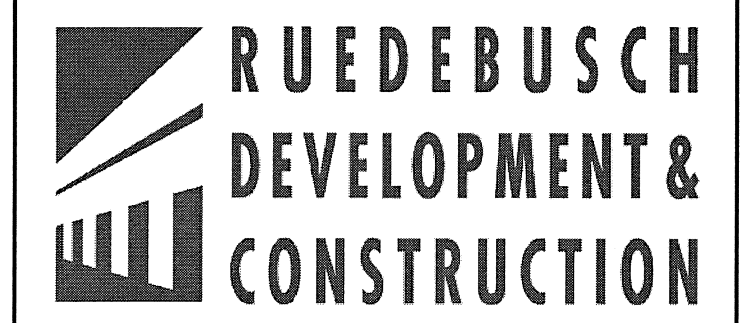
### FIRE PROTECTION:

SHEET #	SHEET NAME	REV. NR.
1 of 1	FIRE PROTECTION PIPE PLAN	1



## LOCATION MAP

PROJECT RECORD  
09.14.09



4605 DOVETAIL DR. MADISON, WISCONSIN 53704  
PHONE (608) 249-2012 FAX (608) 249-2032



PROJECT NAME:  
**FED-EX GROUND FACILITY**  
3901 HANSON ROAD  
DANE COUNTY  
MADISON, WI 53704

SHEET TITLE:  
TITLE SHEET

NO.	DATE	REVISIONS	BY
09.14.09	PROJECT RECORD	TWA	
05.08.09	SHEET INDEX	TWA	
02.16.09	SHEET INDEX	TWA	
02.11.09	TITLE SHT/INFD BLK.	TWA	
01.30.09	TITLE SHEET	TWA	

PROJECT NUMBER: 7188  
DATE: 01.05.09  
DRAWN BY: TWA  
CHECKED BY: D. NELSEN  
DESIGN MANAGER: D. NELSEN

SHEET NUMBER

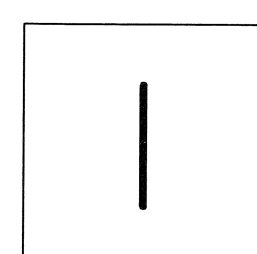
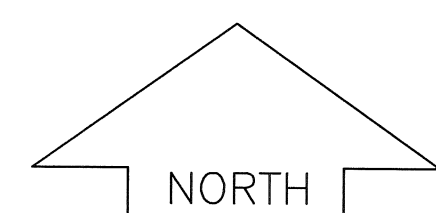
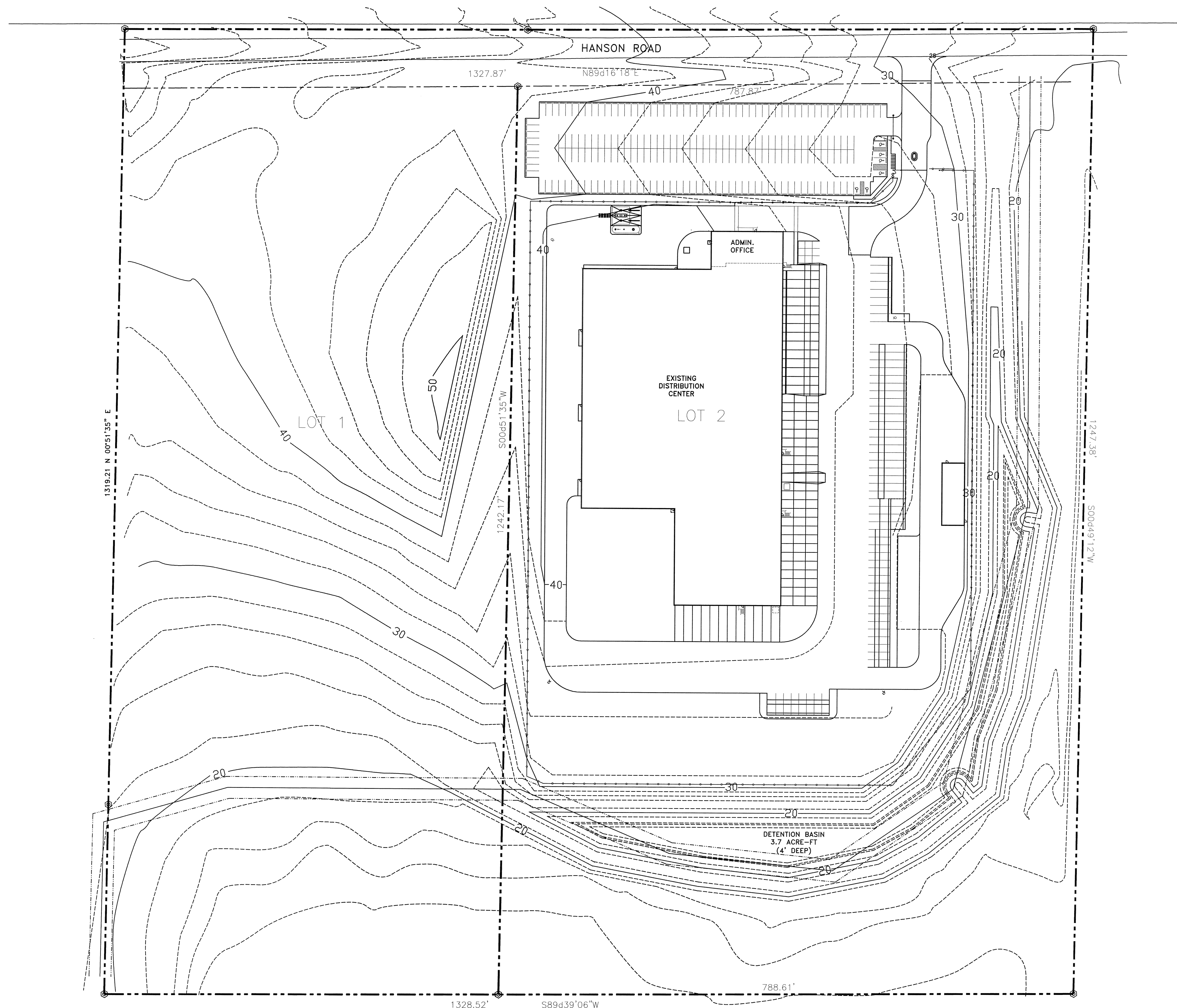
**T-1**

PROJECT NAME:  
FED-EX GROUND FACILITY  
3901 HANSON ROAD  
DANE COUNTY  
MADISON, WI 53704

SHEET TITLE:  
EXISTING SITE PLAN

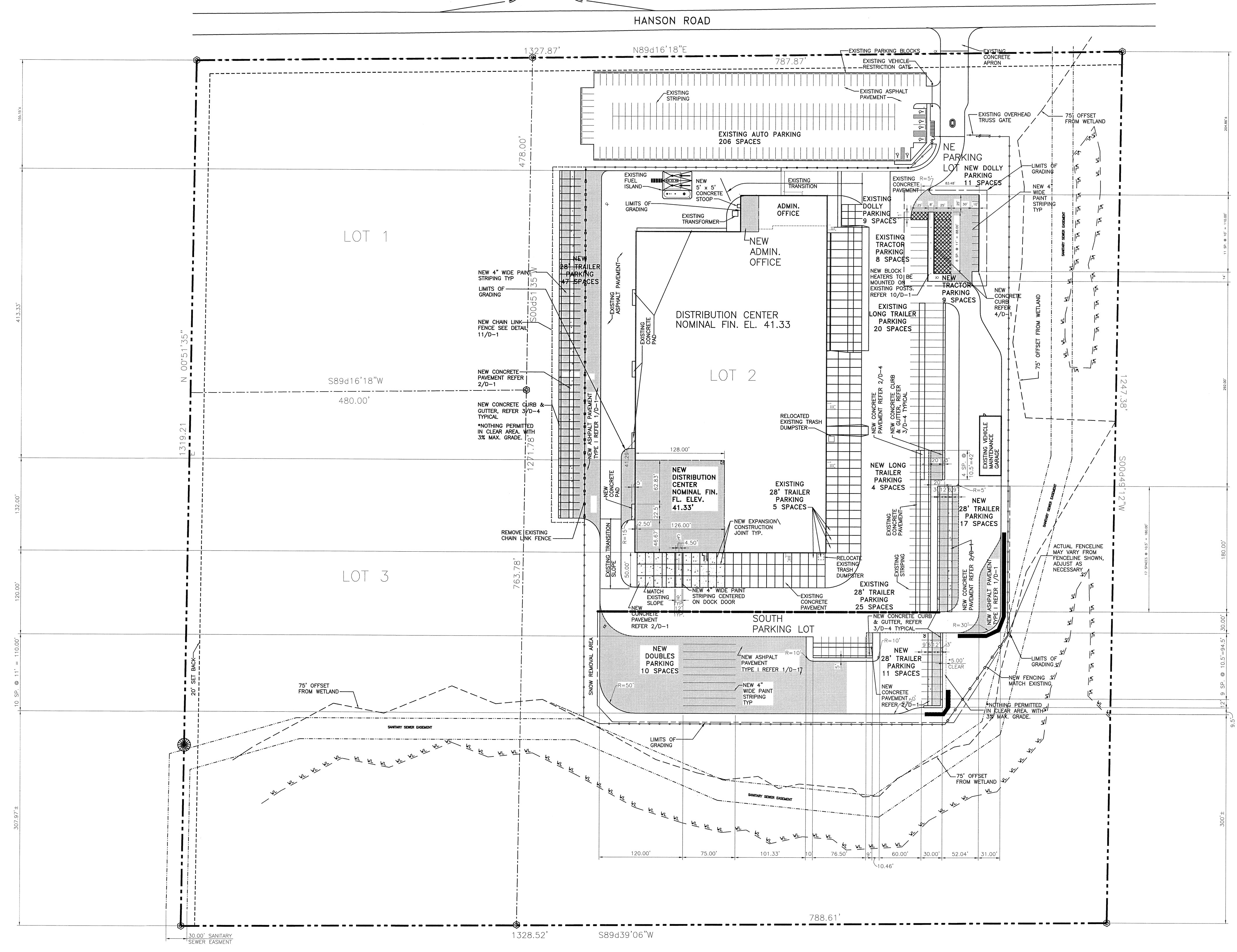
NO.	DATE	REF. MODIFICATIONS	TWA
		REVISIONS	BY

PROJECT NUMBER: 7188  
DATE: 07.15.08  
DRAWN BY: G. CARIMI  
CHECKED BY: D. NELSEN  
DESIGN MANAGER: D. NELSEN

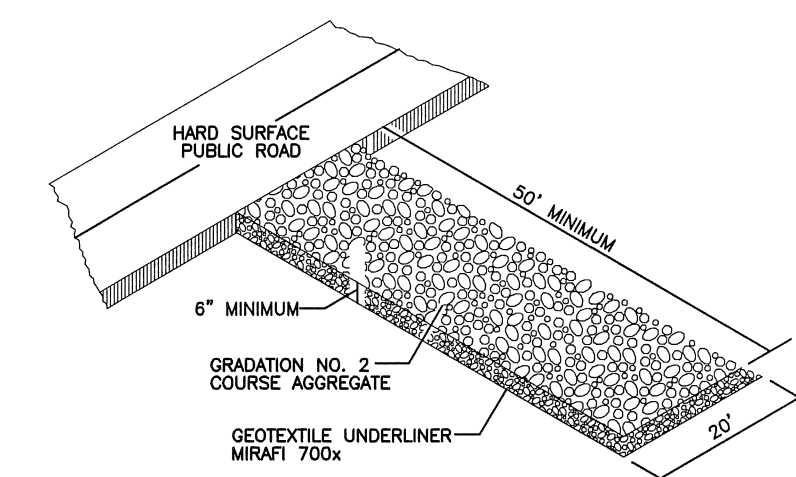
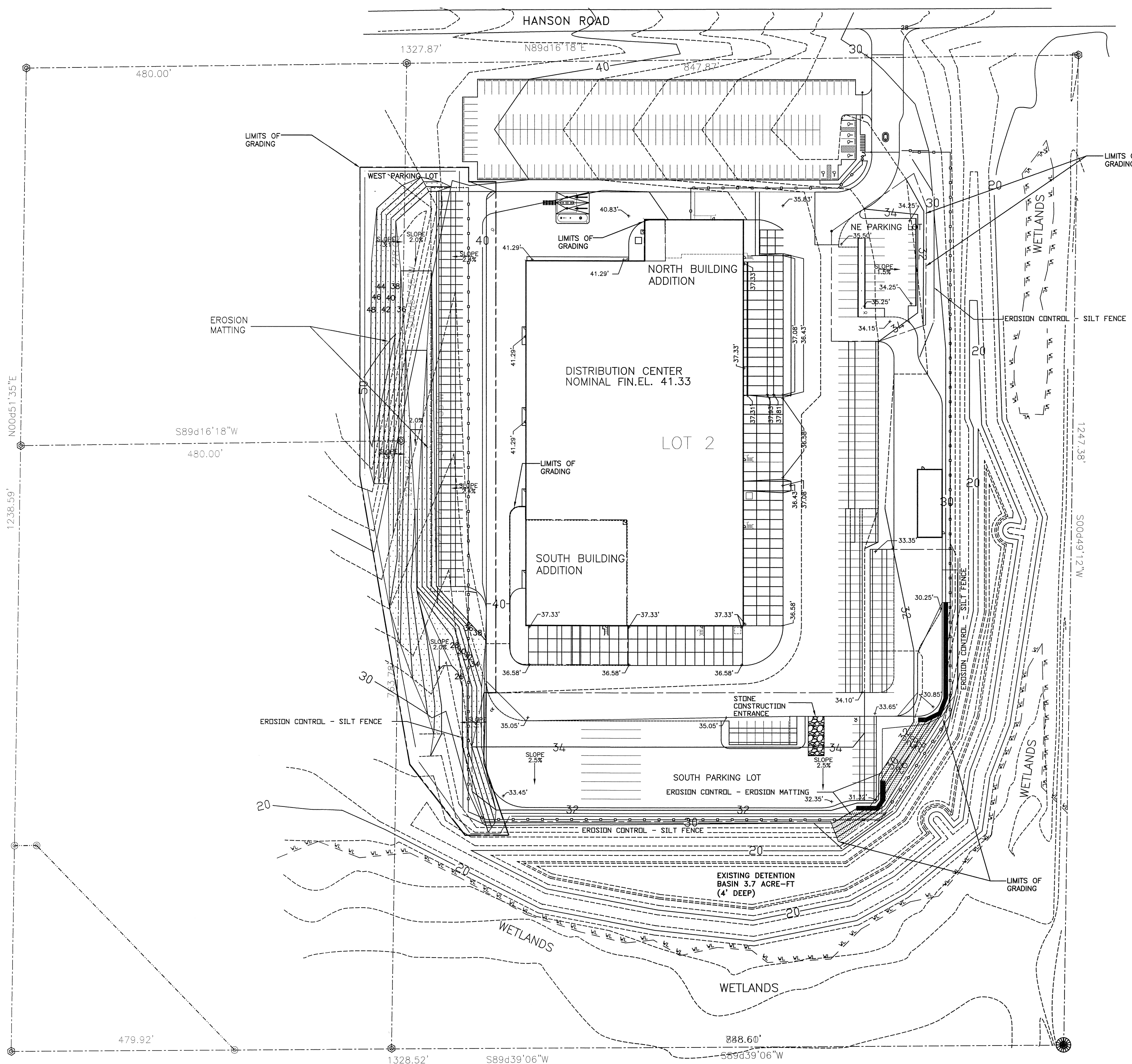


EXISTING SITE PLAN  
SCALE: 1"=80'-0"



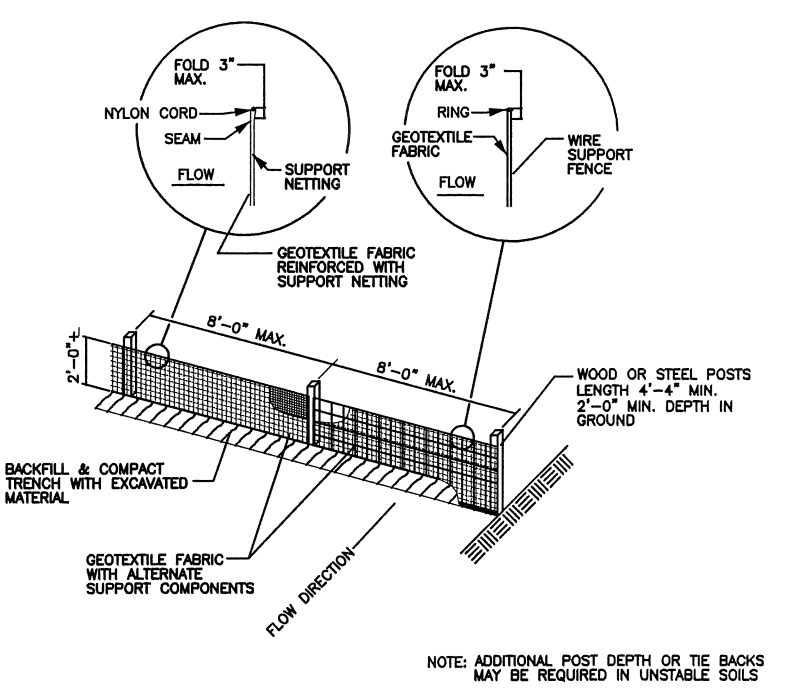


**SITE LAYOUT**  
SCALE: 1"=80'-0"



- NOTES:
1. CLEAR THE ENTRANCE/EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBSTRUCTIONABLE MATERIAL.
  2. GRADE THE ROAD FOUNDATION SO THAT THE ENTRANCE/EXIT WILL HAVE A CROSS SLOPE TO THE WEST.
  3. MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE.

**CRUSHED STONE CONSTRUCTION ENTRANCE**  
N.T.S.



**SILT FENCE DETAIL**  
N.T.S.

- GENERAL NOTES:
- AS PART OF THE SILT FENCE INSTALLATION, EXCAVATE A TRENCH A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WHEN POSSIBLE THE SILT FENCE AND SEDIMENTATION BASIN BERM SHOULD BE CONSTRUCTED IN AN ARC OR WEDGE SHAPED, WITH THE ENDS POINTING UP SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

- EROSION CONTROL - DRAINAGE ARROW
- EROSION CONTROL - SILT FENCE
- ▨ EROSION CONTROL - EROSION MATTING
- ▨ EROSION CONTROL - STONE CONSTRUCTION ENTRANCE
- ▨ EROSION CONTROL - TEMPORARY SEDIMENT BASIN

- EROSION CONTROL NOTES**
1. ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS, INSPECTED AND MAINTAINED WEEKLY.
  2. ALL EROSION CONTROL DEVICES IN-PLACE SHALL BE INSPECTED AFTER A 0.5" RAINFALL EVENTS AND ALL OBSERVED REPAIRS SHALL BE COMPLETED WITHIN A 24HR PERIOD FOLLOWING THE INSPECTION.
  3. STONE CONSTRUCTION ENTRANCES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS. TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORK DAY OR AS REQUIRED BY THE CITY.
  4. DETAIL OF CONSTRUCTION OF ANY EROSION CONTROL DEVICE NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE "WISCONSIN CONSTRUCTION SITE HANDBOOK" AND THE "DANE COUNTY EROSION CONTROL AND STORMWATER MANAGEMENT MANUAL".

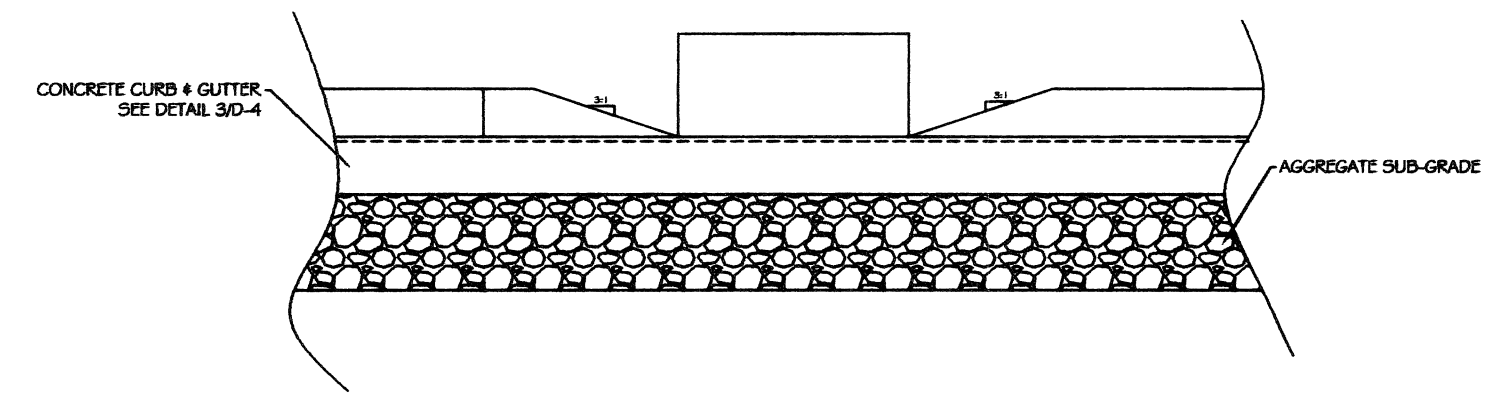
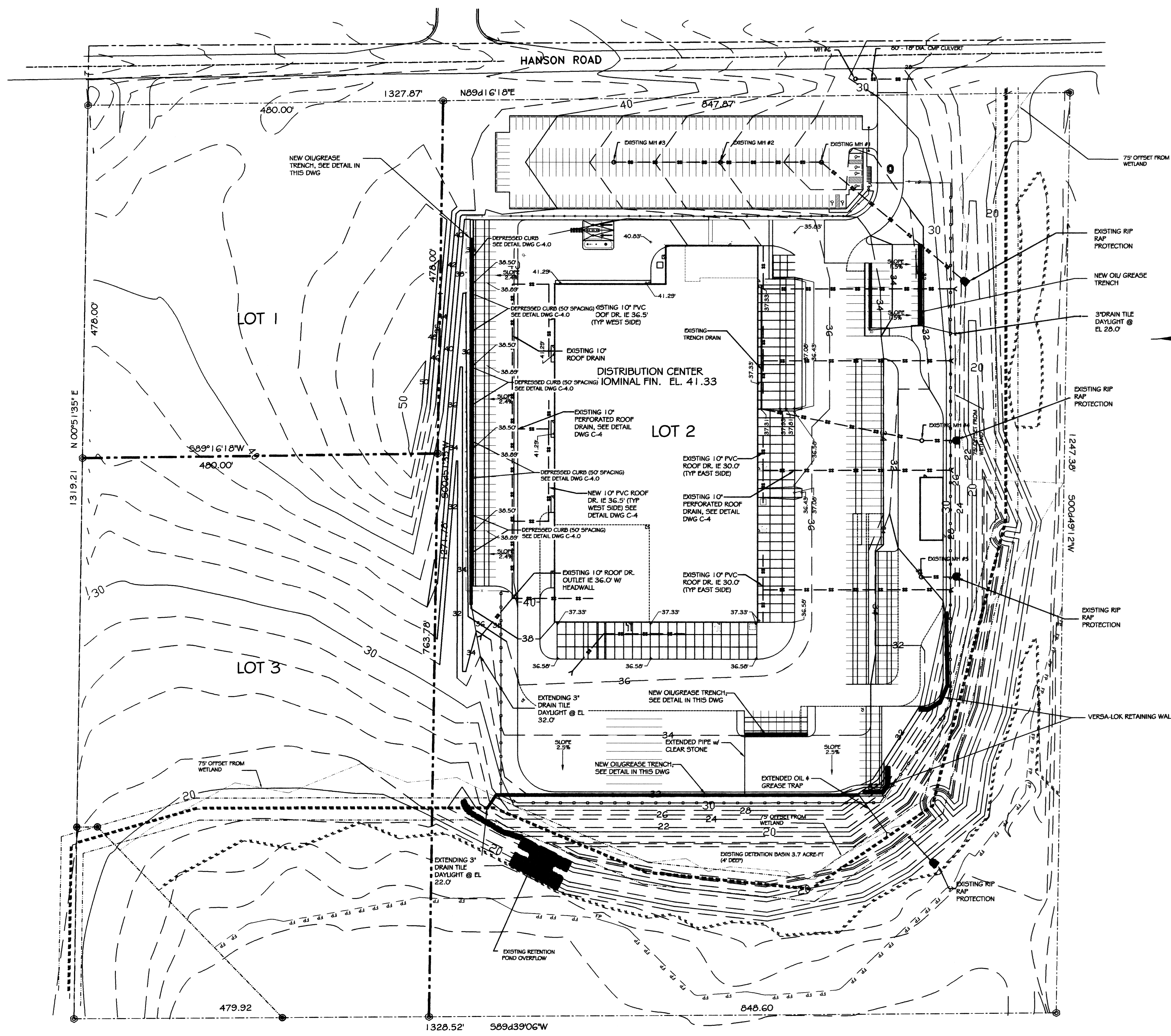
CONSTRUCTION START:	11/15/08
SEEDING AND MULCHING:	5/1/09
COMPLETION DATE:	7/1/09
GRASS DISTURBED AREA:	158,595SF
TOTAL IMPERVIOUS AREA:	89,545SF
SOIL TYPE:	DANE COUNTY SOIL SURVEY -1978
CD#3:	BODGE SILT LOAD
	2 TO 6 PERCENT SLOPE
PERMEABILITY:	0.65 INCH PER HOUR

**SITE GRADING & EROSION CONTROL PLAN**  
SCALE: 1"=80'-0"



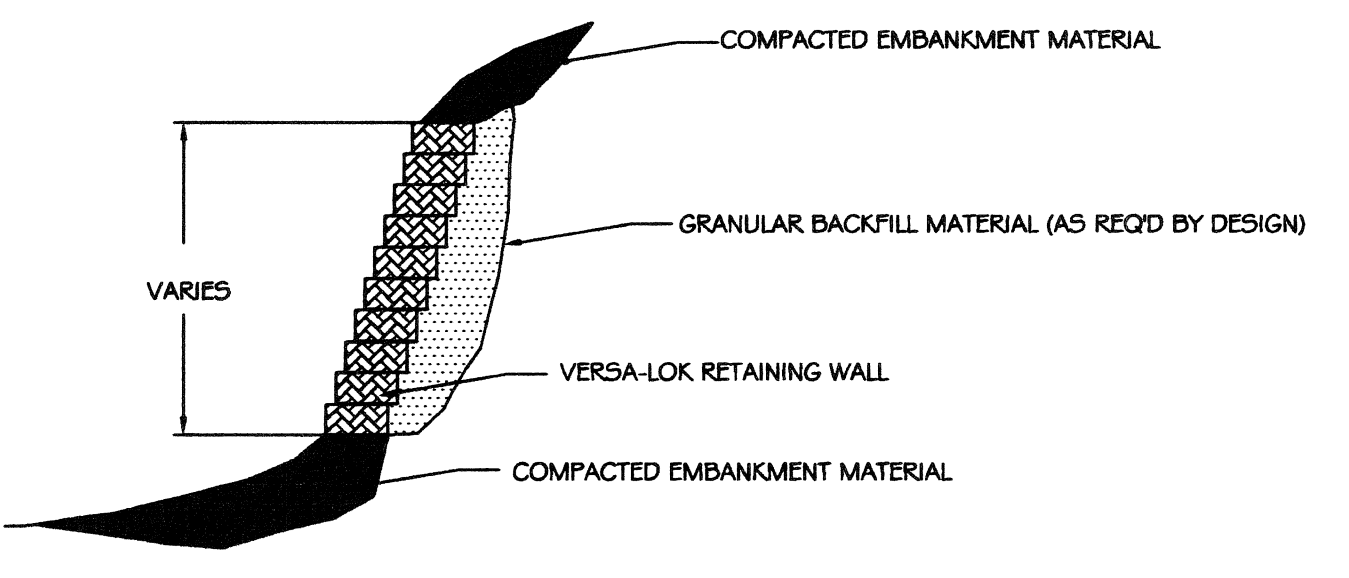
NO.	DATE	REVISIONS	BY
▲	09.14.09	PROJECT RECORD	TWA
▲	05.15.09	V. PAVEMENT GRADES	CTC
▲	05.07.09	V DRAINAGE GRADES	CTC
▲	02.19.09	CURB DETAIL	CTC
▲	02.16.09	DETAIL	TWA
▲	02.11.09	PARKING ADDITION	TWA

PROJECT NUMBER: 7188  
DATE: 09.08.08  
DRAWN BY: TWA  
CHECKED BY: D. NELSEN  
DESIGN MANAGER: D. NELSEN



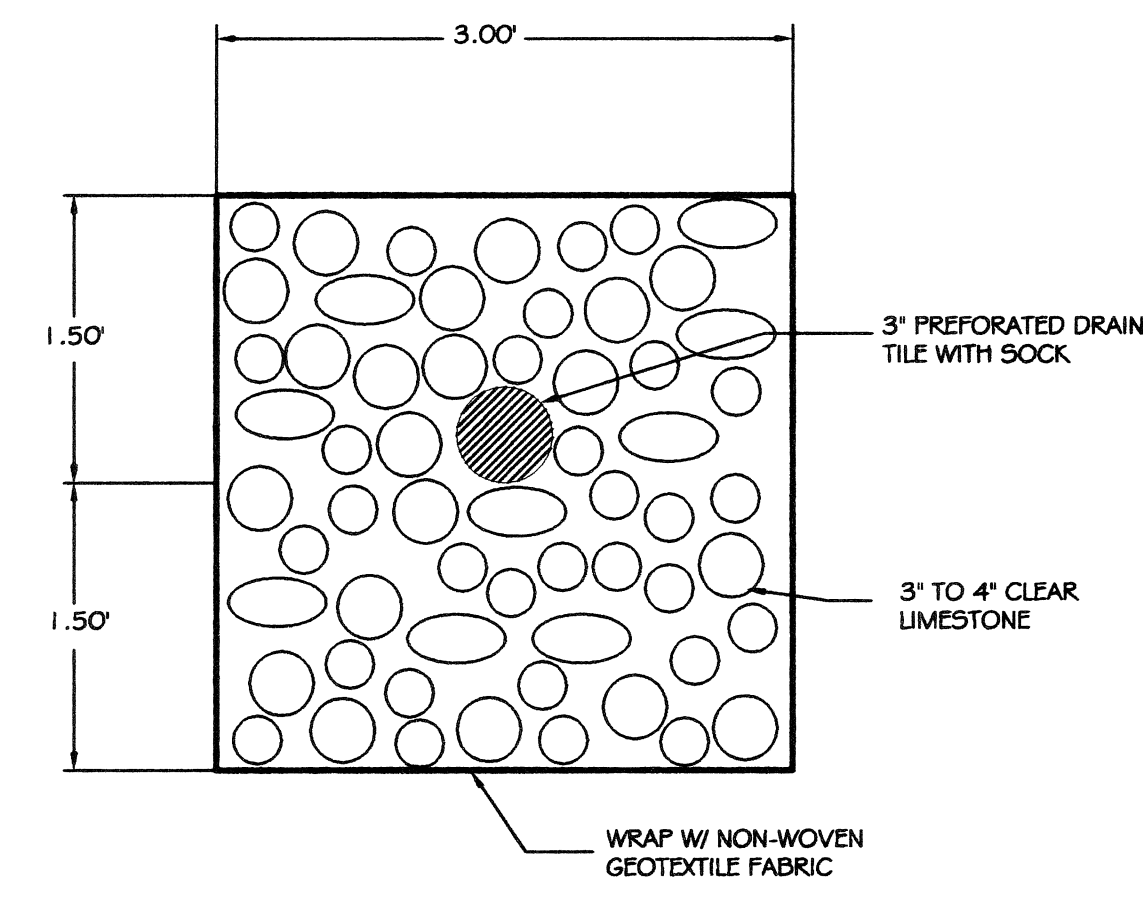
**DEPRESSED CURB "FACE" DETAIL**

SCALE: 1/4" = 1'-0"



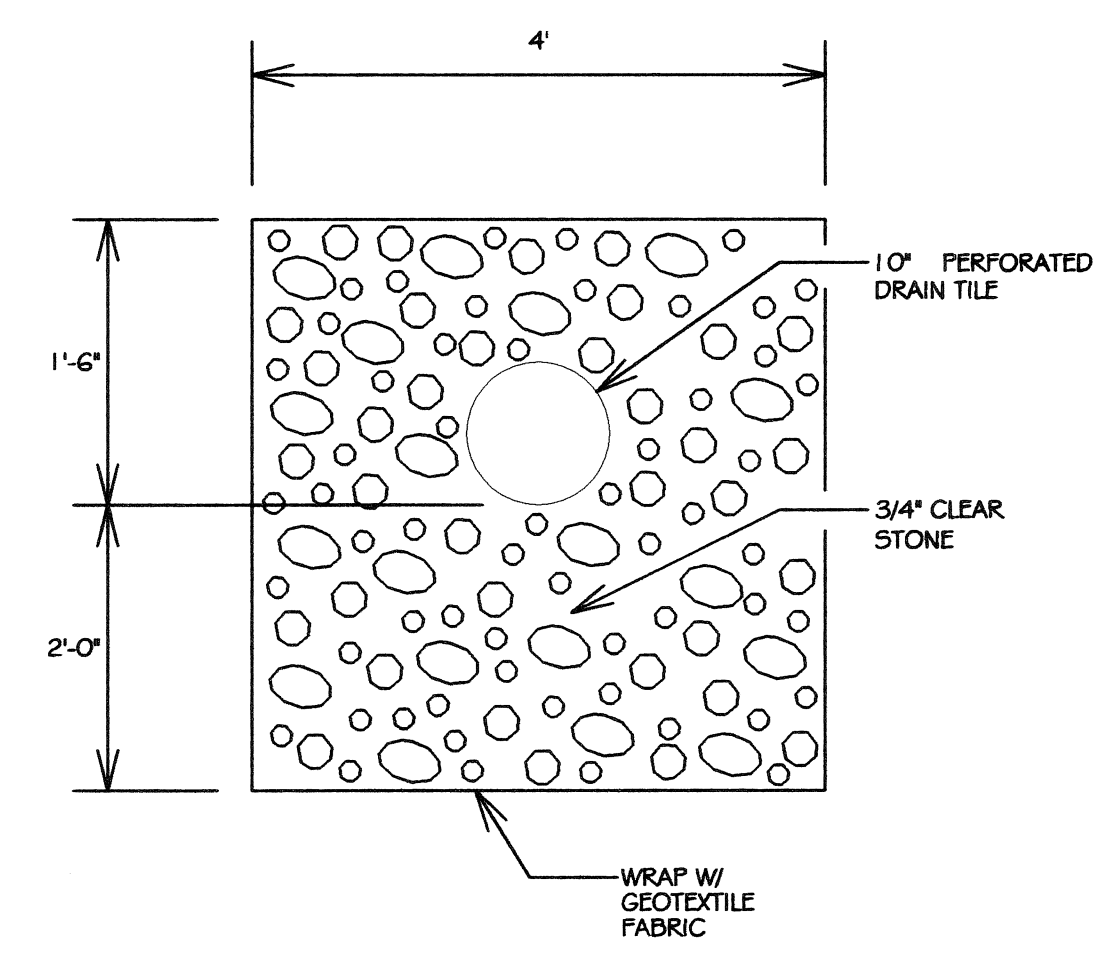
**REINFORCED EARTH "BLOCK" RETAINING WALL**

NOT TO SCALE



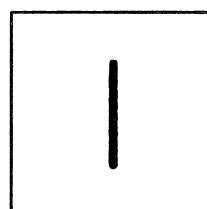
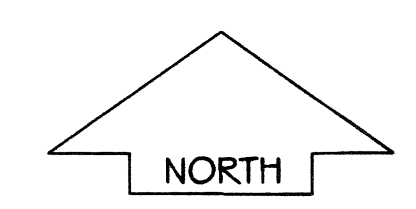
**OIL/GREASE TRENCH DETAIL**

NOT TO SCALE



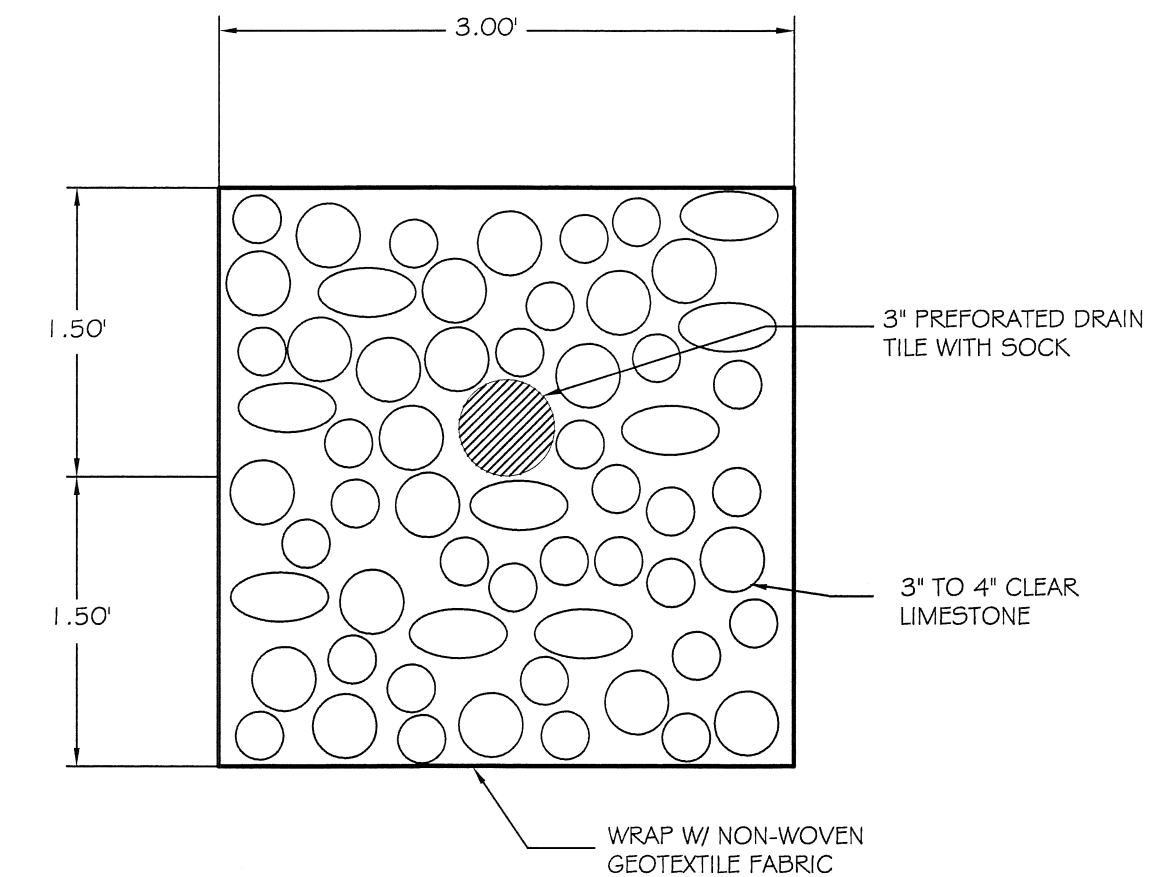
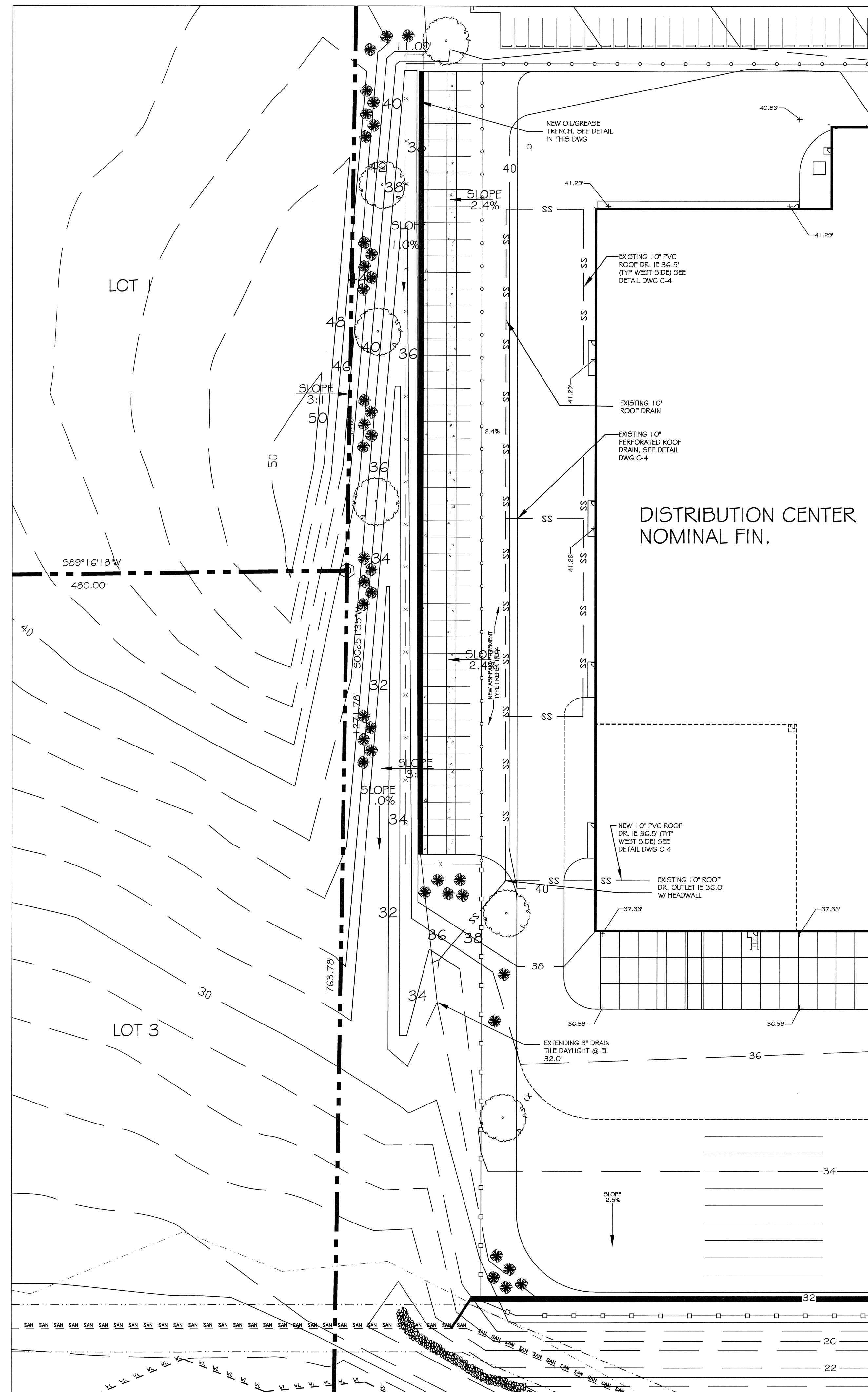
**10" PERFORATED ROOF DRAIN**

NOT TO SCALE



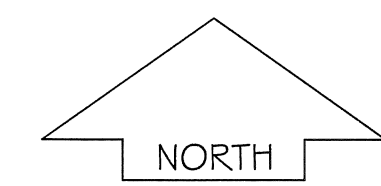
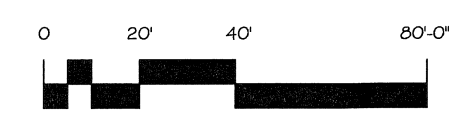
**SITE GRADING & DRAINAGE PLAN**

SCALE: 1"=80'-0"



OIL/GREASE TRENCH DETAIL  
NOT TO SCALE

PARTIAL SITE GRADING & DRAINAGE  
PLAN @ WEST PARKING LOT EXPANSION  
SCALE: 1"=40'-0"



PROJECT NAME:  
FED-EX GROUND FACILITY  
3901 HANSON ROAD  
DANE COUNTY  
MADISON, WI 53704

SHEET TITLE:  
PARTIAL SITE GRADING & DRAINAGE  
PLAN @ WEST PARKING LOT EXPANSION

NO.	DATE	REVISIONS	BY
△	09.14.09	PROJECT RECORD	TWA
△	05.07.09	W DRAINAGE GRADES	CTC

PROJECT NUMBER: 7188  
DATE: 02.13.09  
DRAWN BY: TWA  
CHECKED BY: D. NELSEN  
DESIGN MANAGER: D. NELSEN

PROJECT RECORD  
09.14.09



PROJECT NAME:  
FED-EX GROUND FACILITY  
3901 HANSON ROAD  
DANE COUNTY  
MADISON, WI 53704

SHEET TITLE:  
FIRE APPARATUS ACCESS & HYDRANT  
LOCATION PLAN

09.14.09 PROJECT RECORD TWA

NO.	DATE	REVISIONS	BY
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PROJECT NUMBER: 7188

DATE: 1.31.09

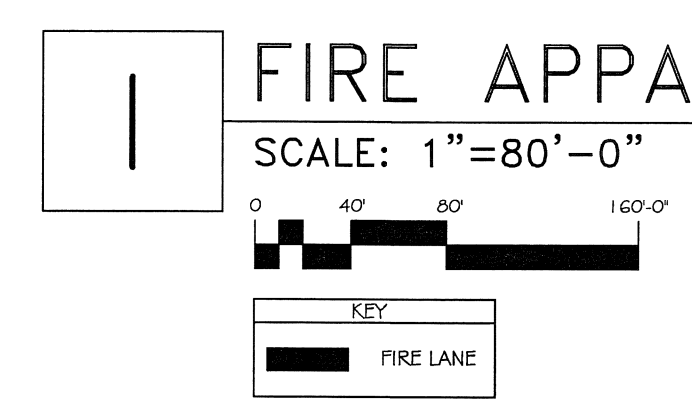
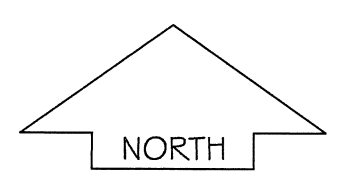
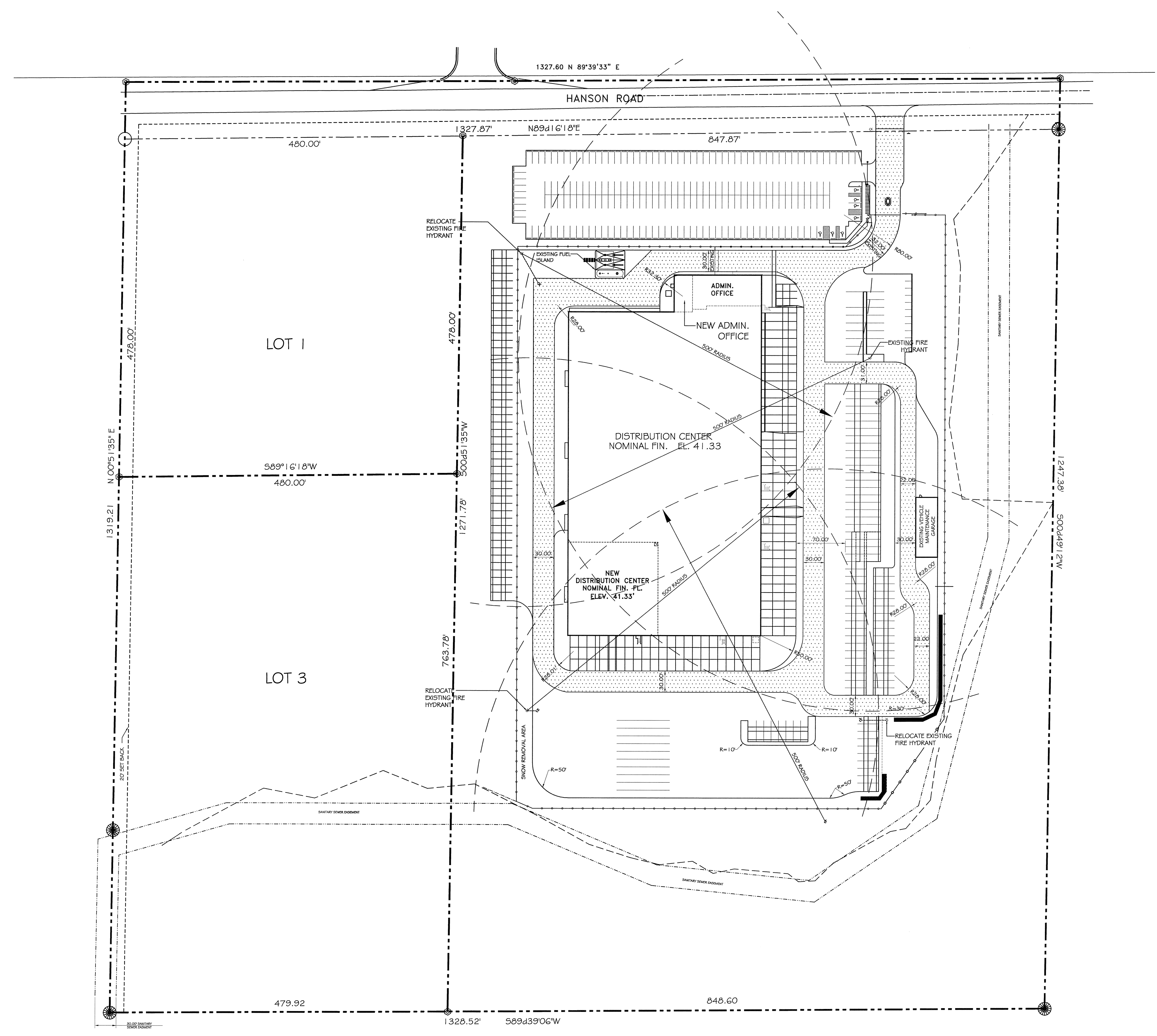
DRAWN BY: TWA

CHECKED BY: D. NELSEN

DESIGN MANAGER: D. NELSEN

SHEET NUMBER

**C-5**



PROJECT RECORD  
09.14.09

PROJECT NAME:  
**FED-EX GROUND FACILITY**  
3901 HANSON ROAD  
DANE COUNTY  
MADISON, WI 53704

SHEET TITLE:  
PHOTOMETRIC PLAN

▲	08.11.09	PROJECT RECORD	TWA
▲	06.08.09	LIGHTING CALCS	TWA
▲	05.08.09	LIGHTING CALCS	TWA
▲	02.11.09	PARKING ADDITION	TWA

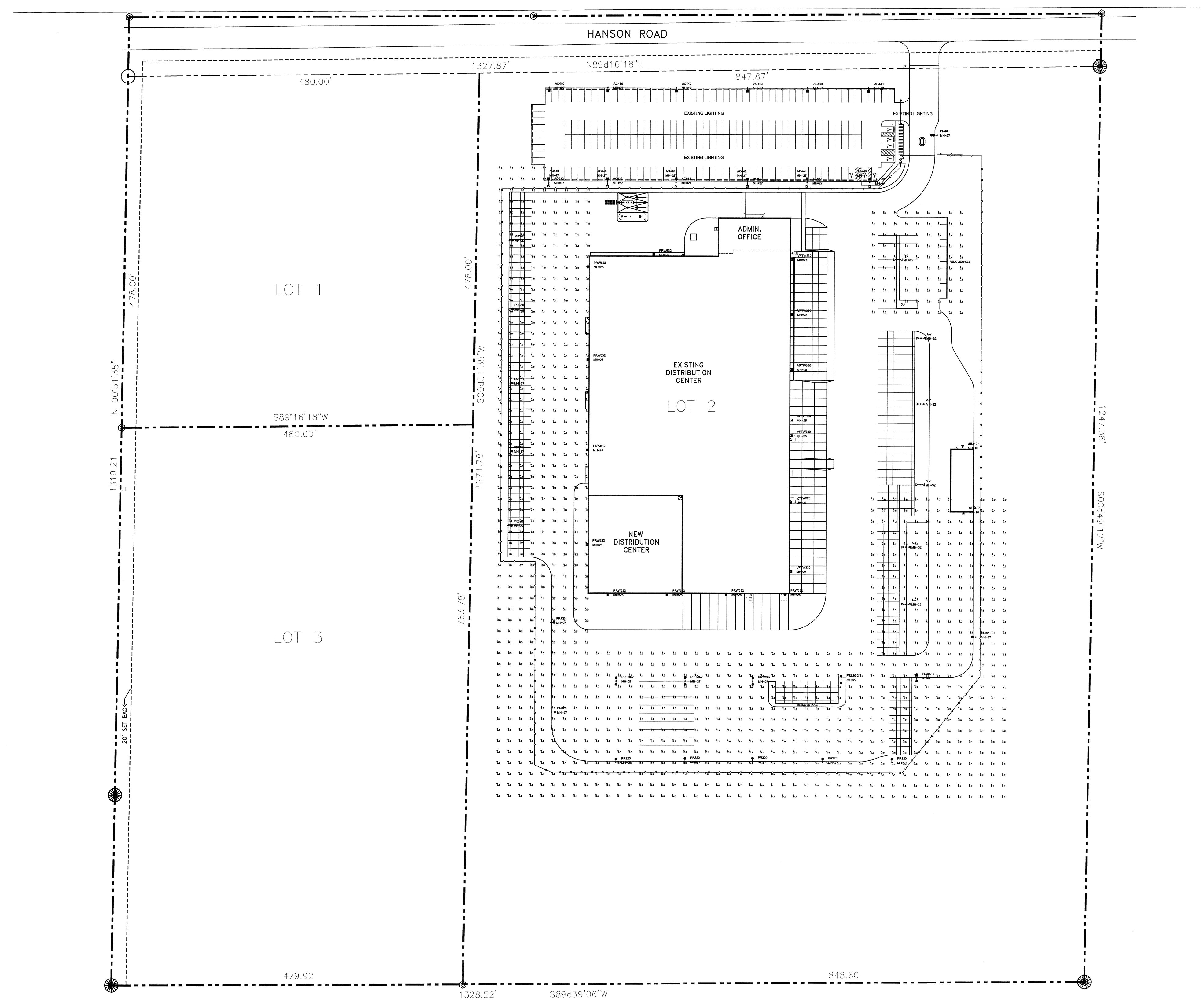
NO.	DATE	REVISIONS	BY
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PROJECT NUMBER: 7188  
DATE: 07.15.09  
DRAWN BY: TWA  
CHECKED BY: D. NELSEN  
DESIGN MANAGER: D. NELSEN

SHEET NUMBER

PROJECT RECORD  
09.14.09

**SL.1**



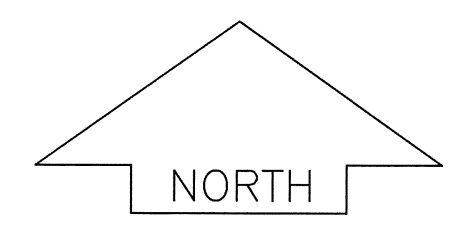
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
⊙	6	A2	BACK-BACK	44000	0.800	AVV4000M (200W PBMFL TYPE IV)
⊙	5	PR032	BACK-BACK	30000	0.750	PR032M (200W PBMFL)
⊙	6	AC032	SINGLE	30000	0.750	AC032M (200W PBMFL)
⊙	14	PR030	SINGLE	30000	0.750	PR030M (200W PBMFL)
⊙	9	PR032	SINGLE	30000	0.750	PR032M (200W PBMFL WALL MOUNT)
⊙	7	VPP0620	SINGLE	31500	0.750	VPP0620M (200W PBMFL WALL MOUNT, W/ CUT OFF BAFFLE)
⊙	2	TES07	SINGLE	5000	0.800	TES07M (100W WFL)

FIXTURE MOUNTING HEIGHTS AS SHOWN  
TILT ANGLE: 0° ABOVE HORIZONTAL  
PROPOSED POLES MEET 100 MPH WINDS  
SQUARES AT 3/4"  
CUSTOMER TO VERIFY NEW FIXTURE/POLE/TENDON COUNTS

Summary	Avg	Max	Min	Avg/Min	Max/Min
Footcandle	1.38	17.6	0.5	N/A	N/A

ADDITIONAL REQUIRED EQUIPMENT:  
(0) - PS4830C18Z (28" X 4" SQUARE STEEL POLES, SINGLE MOUNT)  
(1) - PS4825C28Z (28" X 4" SQUARE STEEL POLES, TWIN 180° MOUNT)  
(2) - PS4830C18Z (28" X 4" SQUARE STEEL POLES, TWIN 180° MOUNT)  
(7) - CDF-2Z (CUT OFF BAFFLE)

LOT  
Illuminance Values (Fc)  
Average = 2.45  
Maximum = 7.6  
Minimum = 0.5  
Avg/Min Ratio = 2.72  
Max/Min Ratio = 8.44



**PHOTOMETRIC PLAN**  
SCALE: 1" = 80'-0"



NO.	DATE	REVISIONS	BY
1	09-23-09	PROJECT RECORD DWG.	CPP
1	08-10-09	LANDSCAPE AS_BUILT	CPP
1	06-19-09	LANDSCAPE SCOPE	CPP
1	05-01-09	REVISED LAYOUT	CPP

PROJECT NUMBER: 7188  
DATE: 04.14.09  
DRAWN BY: CPP  
CHECKED BY: C. POSSEHL  
DESIGN MANAGER: S. SHORT

CONSULTANT:  
**the bruce company**  
OF WISCONSIN INC.  
LANDSCAPE ARCHITECTS  
LANDSCAPE CONTRACTORS  
2830 PARMENTER STREET  
P.O. BOX 620330  
MIDDLETON, WI 53562-0330  
TEL (608) 836-7041  
FAX (608) 831-6266

SHEET NUMBER

**L1.1**

**NEW PLANT MATERIAL LIST**

Quantity	Scientific Name	Common Name	Code Name	Planting Size
1	Acer Freemanii 'Autumn Blaze'	Autumn Blaze Maple	ABM	2" B&B
2	Amelanchier X Grand 'Autumn Brill' (F)	Autumn Brill Serviceberry (F)	ABST	1 3/4" B&B
1	Gleditsia Tricane Iner 'Skyline'	Skyline Honeylocust	SHL	2" B&B
1	Malus 'Prairiefire'	Prairiefire Crabapple	PFC	1 3/4" B&B

Quantity	Scientific Name	Common Name	Code Name	Planting Size
3	Abies Balsamea Var Phanerolepis	Canada Fir	CNF	6" B&B
12	Juniperus Chinensis 'Mountbatten'	Mountbatten Juniper	MBJ	4" B&B
5	Picea Glauca Var Densata	Black Hills Spruce	BHS	5" B&B
1	Picea Pungens Forma 'Glaucia'	Blue Colorado Spruce	BCS	5" B&B
20	Thuja Occidentalis 'Techny'	Techny Arborvitae	TA	4" B&B

Quantity	Scientific Name	Common Name	Code Name	Planting Size
10	Cornus Racemosa	Gray Dogwood	GD	#5 CONT.

Quantity	Scientific Name	Common Name	Code Name	Planting Size
10	Juniperus Chinensis 'Sea Green'	Sea Green Juniper	SGJ	#5 CONT.

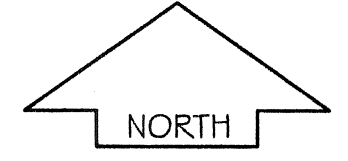
**TRANSPLANTED MATERIAL LIST**

Quantity	Scientific Name	Common Name	Code Name	Existing Size
1	Acer X Freemanii 'Autumn Blaze'	Autumn Blaze Maple	ABM	3"
2	Fraxinus Americana 'Autumn Purple'	Autumn Purple White Ash	APA	3"
2	Gleditsia Tricane Iner 'Skyline'	Skyline Thistle Honeylocust	SHL	3"
2	Malus 'Prairiefire'	Prairiefire Crabapple	PFC	2"
1	Tilia Americana 'Redmond'	Redmond American Linden	RAL	3"

Quantity	Scientific Name	Common Name	Code Name	Existing Size
1	Juniperus Chinensis 'Mountbatten'	Mountbatten Juniper	MBJ	6"
3	Picea Glauca Var. Densata	Black Hills Spruce	BHS	6"
1	Picea Pungens Forma 'Glaucia'	Blue Colorado Spruce	BCS	6"

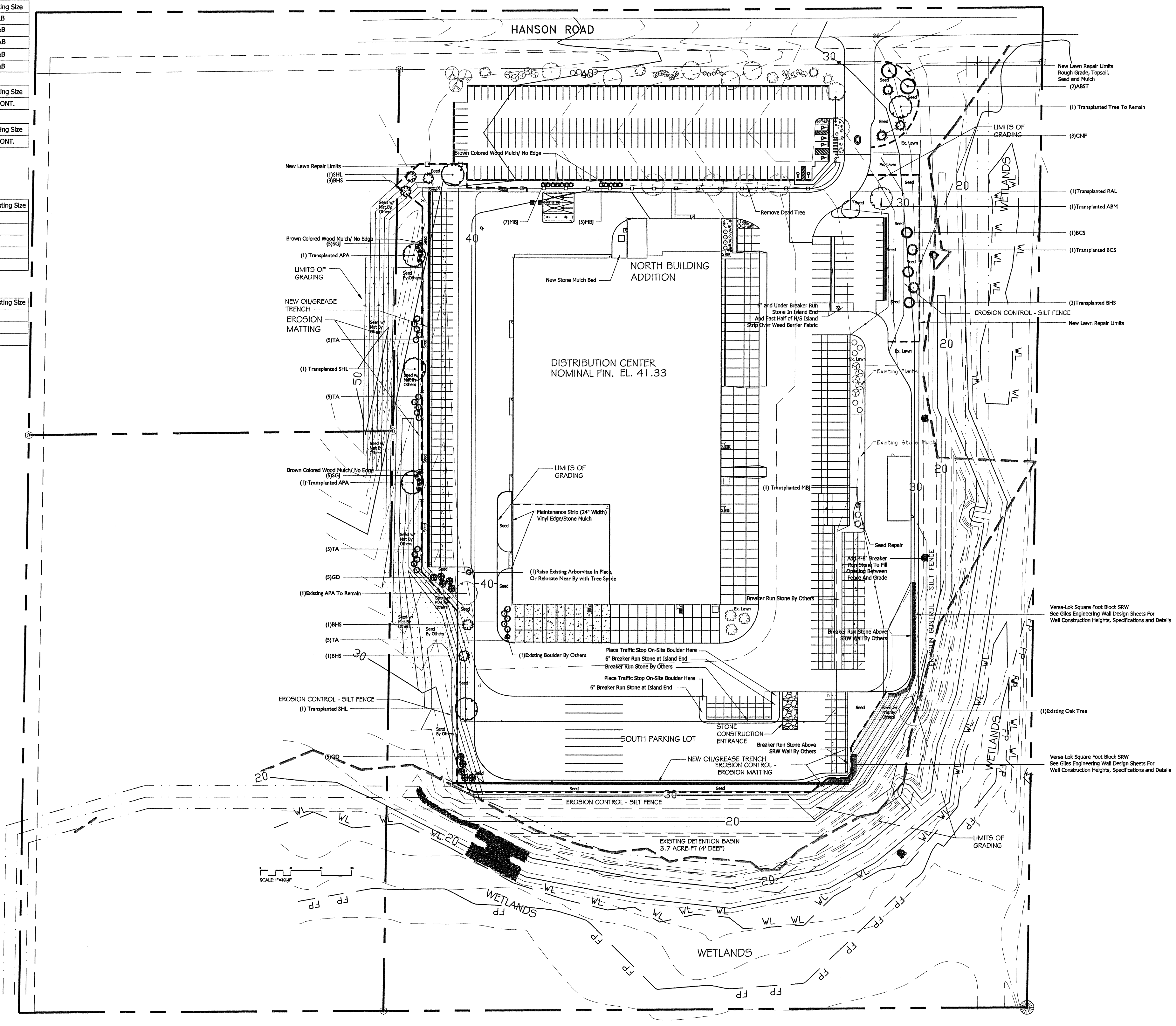
- GENERAL NOTES**
- A) Areas labeled "Red B Colored Wood Mulch" to receive a mixture of recycled wood mulch, colored brown or red as indicated, spread to a 3" depth over pre-emergent herbicide.
  - B) Individual trees (and shrub groupings) found along perimeter of property as well as those found within lawn areas to receive wood mulch rings (and wood mulch beds) consisting of a mixture of recycled wood mulch, colored brown or red as indicated, spread to a minimum 3" depth (3' wide beds for shrub groupings).
  - C) "Vinyl Edging" to be Valley View Black Diamond Vinyl Edging or equivalent.
  - D) Areas labeled "Stone mulch" to receive 1-1/2" washed stone spread to a 3" depth over fabric weed barrier, except where noted as 3-6" stone mulch spread to a 5-6" depth over fabric weed barrier because of sloped areas or pavement drainage conditions.
  - E) "Seed" areas shall be finish-graded and seeded at a rate of 4 lbs. per 1,000 sq. ft.
  - F) Seed shall consist of the following mixture:  
40% Palmer Ryegrass  
20% Baron Bluegrass  
20% Nassau Bluegrass  
20% Pennlawn Creeping Red Fescue
  - G) Transplant plant material to be moved by 65' truck mounted tree spade whenever possible depending upon soil conditions and the location of any underground site utilities or structures. On-site transplants carry no replacement guarantee associated with their relocation.
  - H) Plant beds adjacent to building foundation to be mulched with 1-1/2" diameter washed stone mulch spread to a 3" depth over fabric weed barrier.
  - I) Areas labeled "(4-8" Breaker Run Stone)" to receive limestone breaker run in the 4-8" screened range over fabric weed barrier at a 6" average depth.

**TRANSPLANTING NOTE:**  
Assumes contractor schedule, frost, and site conditions will allow for on-site transplants. These moves may consist of one time direct move to their final planting locations, or double moves; first to a holding area in an adjoining lot, and then moved again to their final location. All on-site transplants carry no plant replacement guarantee.



**LANDSCAPE PLAN**  
SCALE: 1"=80'-0"

"PROJECT RECORD"  
09/23/09



**CALL DIGGERS HOTLINE**  
1-800-242-8511  
TOLL FREE

FAX A LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 192.075 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.

132009\_CADD\CHUCK\EDC\FED-EX\HANSON\EDC\LANDSCAPE\BUILT.LDWG Created: 8/12/09, 9:46 AM, 9/23/09, Printed: 10/23/09