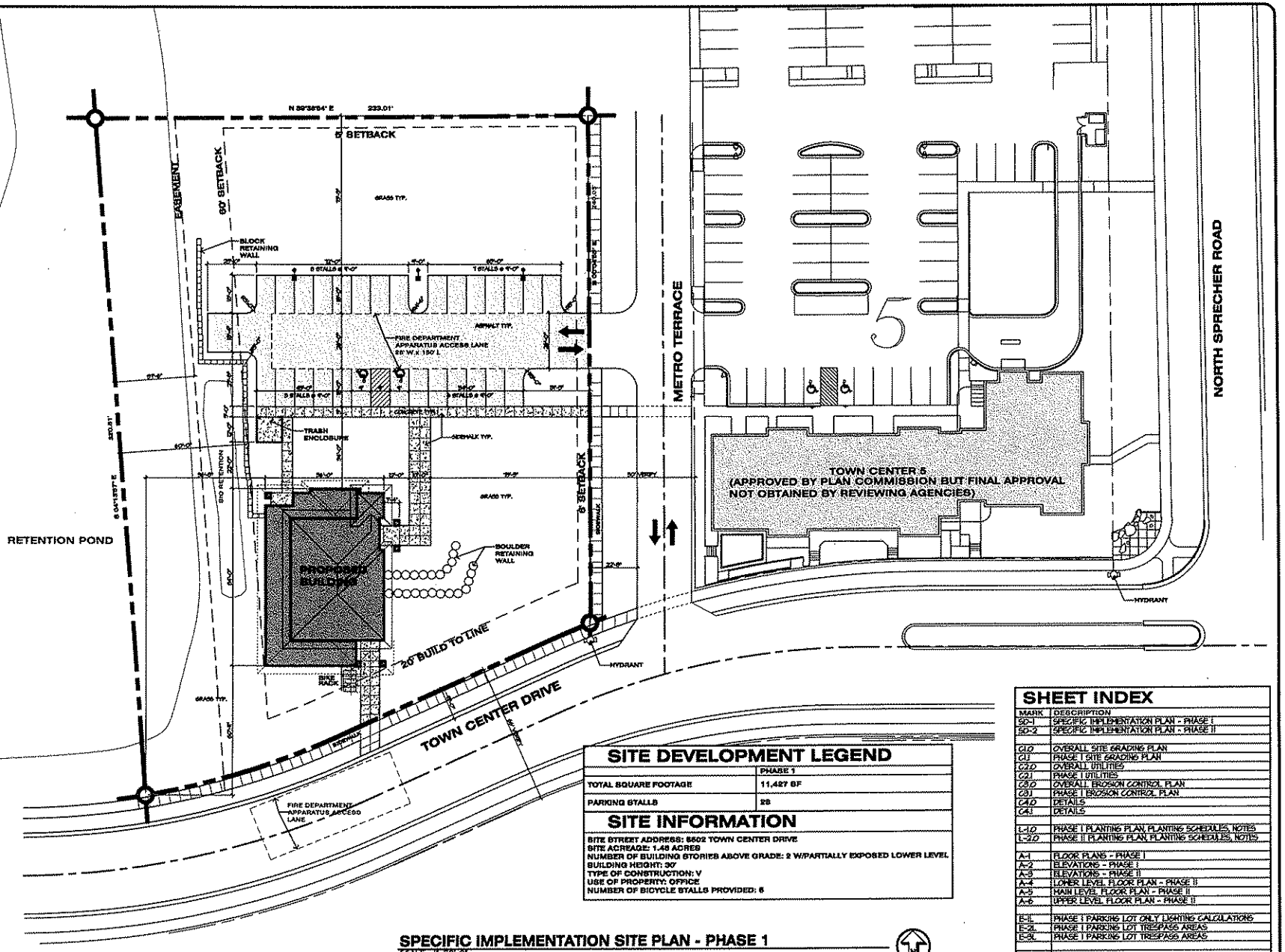


SITE DEVELOPMENT LEGEND

	PHASE 1
TOTAL SQUARE FOOTAGE	11,427 SF
PARKING STALLS	28

SITE INFORMATION

SITE STREET ADDRESS: 6502 TOWN CENTER DRIVE
SITE ACREAGE: 1.45 ACRES
NUMBER OF BUILDING STORIES ABOVE GRADE: 2 W/PARTIALLY EXPOSED LOWER LEVEL
BUILDING HEIGHT: 35'
TYPE OF CONSTRUCTION: V
USE OF PROPERTY: OFFICE
NUMBER OF BICYCLE STALLS PROVIDED: 6

SHEET INDEX

SPECIFIC IMPLEMENTATION SITE PLAN - PHASE 1

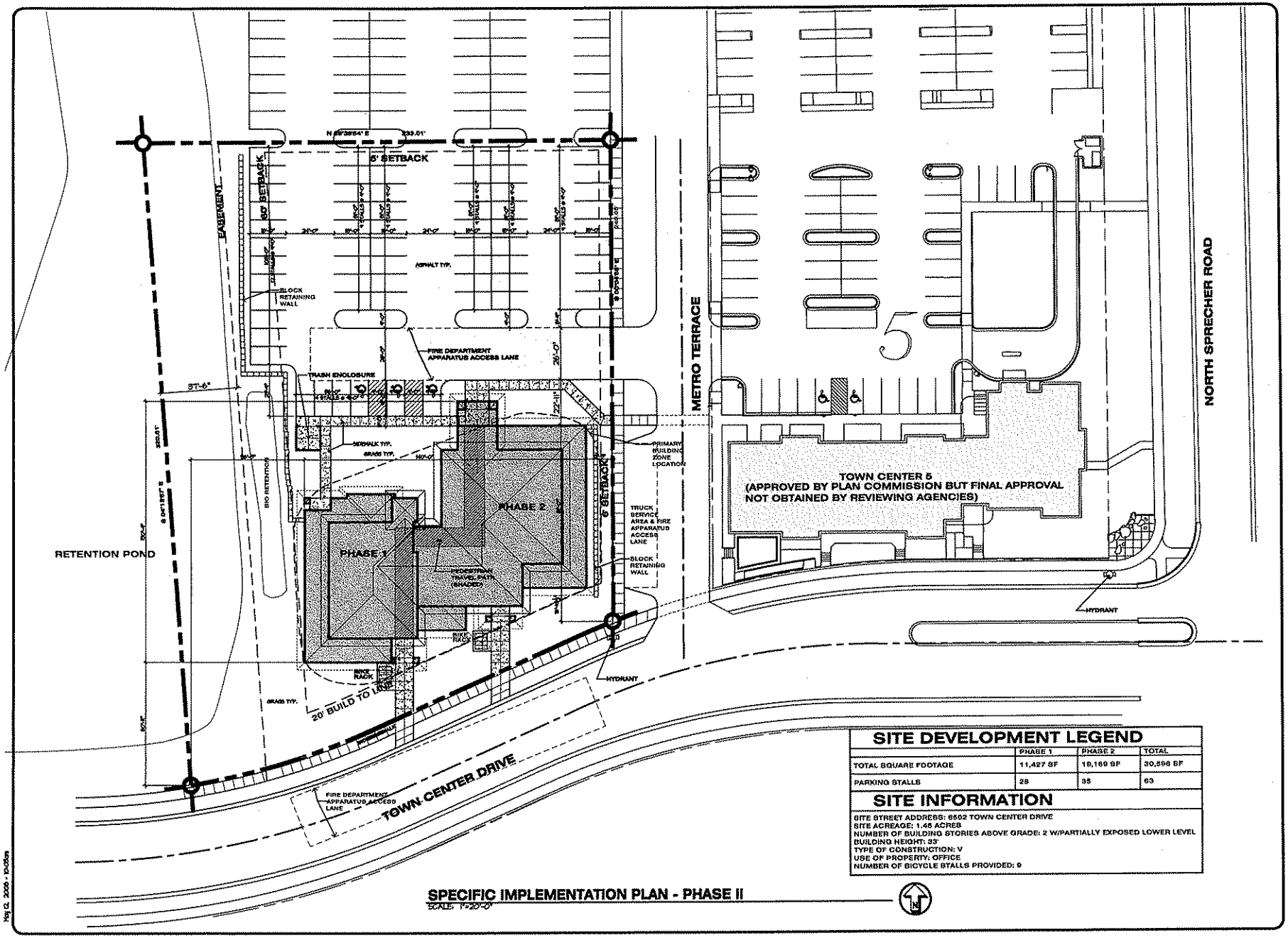
SCALE: 1"=20'-0"

REVISIONS	BY
05/12/2009	DLHS

DR. WARREN DENTAL OFFICE
DESIGN UNLIMITED
DAN HELMS, ARCHITECT, AIA, 303 WEST UPHAM STREET, SUITE 100, MARSHFIELD, WI 54449 (715) 384-2321 FAX (715) 384-4122
www.designunlimitedmfld.com

DRAWN BY: CJH
CHECKED BY: DJH
DATE: 05/07/2009
SCALE: AS NOTED
JOB NO.
SHEET: SD-1

May 12, 2009 - 4:50pm



SITE DEVELOPMENT LEGEND

	PHASE 1	PHASE 2	TOTAL
TOTAL SQUARE FOOTAGE	11,427 SF	19,169 SF	30,596 SF
PARKING STALLS	28	35	63

SITE INFORMATION

SITE STREET ADDRESS: 6502 TOWN CENTER DRIVE
SITE ACREAGE: 1.45 ACRES
NUMBER OF BUILDING STORIES ABOVE GRADE: 2 W/PARTIALLY EXPOSED LOWER LEVEL
BUILDING HEIGHT: 33'
TYPE OF CONSTRUCTION: V
USE OF PROPERTY: OFFICE
NUMBER OF BICYCLE STALLS PROVIDED: 9

SPECIFIC IMPLEMENTATION PLAN - PHASE II
SCALE: 1"=20'-0"

REVISIONS	BY
05/12/2006	DLHS

DR. WARREN DENTAL OFFICE
DESIGN UNLIMITED
www.designunlimitedentist.com
DAN HELMS, ARCHITECT, AIA, 309 WEST URBAN STREET, SUITE 100, MARSHFIELD, MI 54449 (715) 384-3207 FAX (715) 384-4922

DRAWN BY: DLH
CHECKED BY: DLH
DATE: 05/01/2006
SCALE: AS NOTED
JOB NO.:
SHEET: SD-2

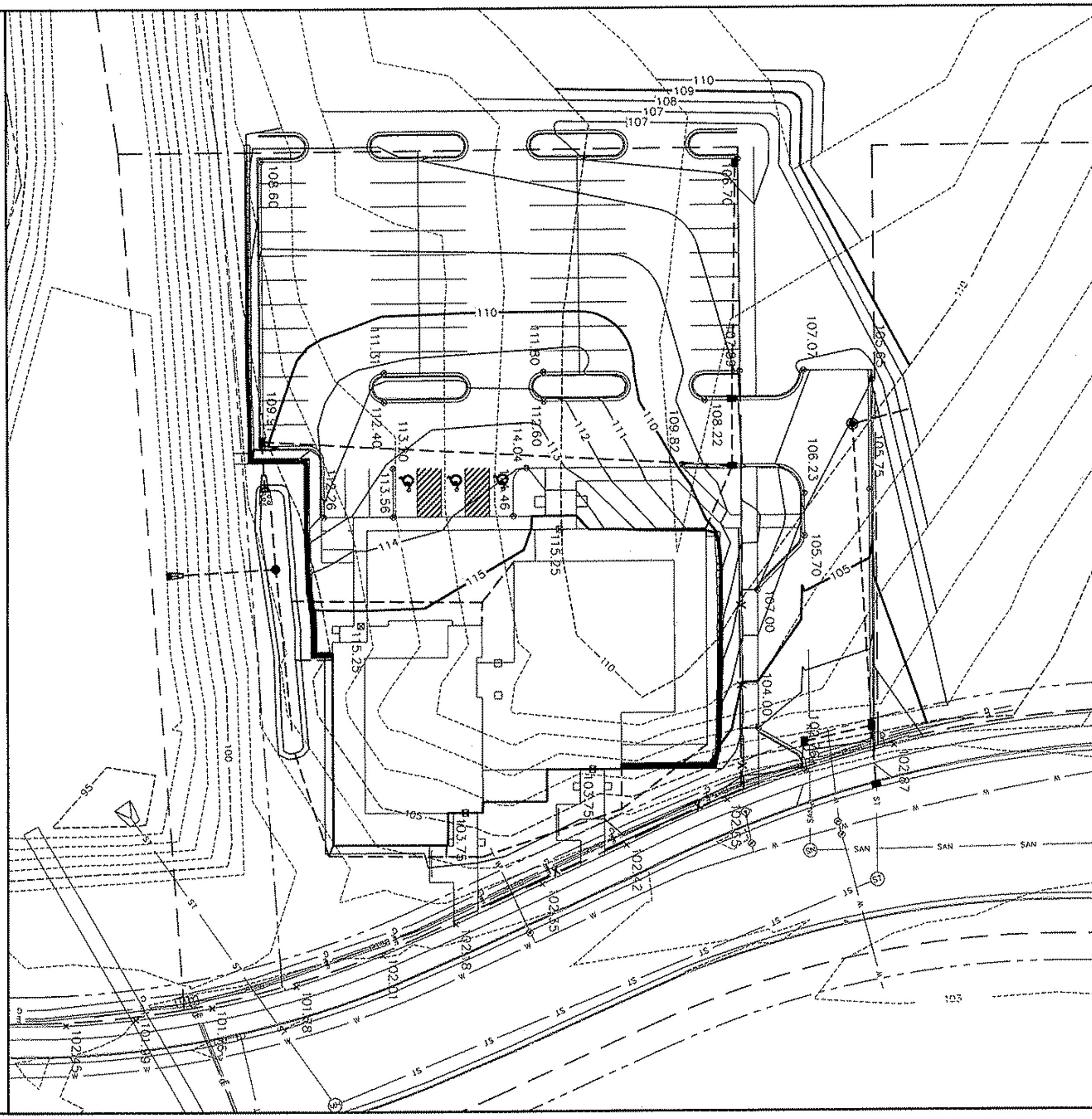
May 12, 2006 - 10:05am

PROPOSED LEGEND

Symbol	Description
— — — —	EXISTING PLAT LINES
——— 105 ———	PROPOSED INDEX CONTOUR
——— 106 ———	PROPOSED INTERMEDIATE CONTOUR
OOOOOOOO	BOULDER/ROCK RETAINING WALL
▭▭▭▭	BLOCK RETAINING WALL
— — — —	PROPOSED STORM SEWER
═══	PROPOSED CURB & GUTTER SEE DETAIL
	APRON END SECTION
⊕ 105.00	EDGE OF PAVEMENT GRADES
●	STORM SEWER MANHOLE
⊠115.25	BUILDING SPOT GRADES
	STORM SEWER MANHOLE W/ "H" INLET
	RIP RAP
	STORM "H" INLET
	HANDICAP PARKING STALL

EXISTING LEGEND

Symbol	Description
- - - 110 - - -	EXISTING INDEX CONTOUR
- - - - -	EXISTING INTERMEDIATE CONTOUR
— OH — OH —	OVERHEAD UTILITY LINE
— G — G —	BURIED GAS LINE
— STM — STM —	STORM SEWER
— BuTel —	BURIED TELEPHONE LINE
— E — E —	BURIED ELECTRIC LINE
— FO — FO —	BURIED FIBER OPTIC LINE
— CaTV —	BURIED CABLE TELEVISION LINE
(TV)	TV MANHOLE
(FO)	FIBER OPTIC MANHOLE
(TP)	TELEPHONE MANHOLE
(SN)	SANITARY MANHOLE
(ST)	STORM MANHOLE
(MH)	MANHOLE
(E)	ELECTRIC MANHOLE
(W)	WATER MANHOLE
	ELECTRIC PEDESTAL
	TV PEDESTAL
	TELEPHONE PEDESTAL
	STORM "H" INLET
	STORM INLET



SCALE : 1"=40' (11"x17")
1"=20' (24"x36")

NOTE:
ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. PARKING LOT AND DRIVEWAY ELEVATIONS ARE PAVEMENT GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 05-07-08
REVISIONS:

DR. WARREN DENTAL OFFICE
OVERALL GRADING PLAN

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET
C1.0

PROPOSED LEGEND

- EXISTING PLAT LINES
- 105 — PROPOSED INDEX CONTOUR
- 106 — PROPOSED INTERMEDIATE CONTOUR
- BOULDER/ROCK RETAINING WALL
- BLOCK RETAINING WALL
- PROPOSED STORM SEWER
- PROPOSED CURB & GUTTER SEE DETAIL
- APRON END SECTION
- ⊕105.00 EDGE OF PAVEMENT GRADES
- STORM SEWER MANHOLE
- Ø115.25 BUILDING SPOT GRADES
- STORM SEWER MANHOLE W/ "H" INLET
- RIP RAP
- STORM "H" INLET
- HANDICAP PARKING STALL

EXISTING LEGEND

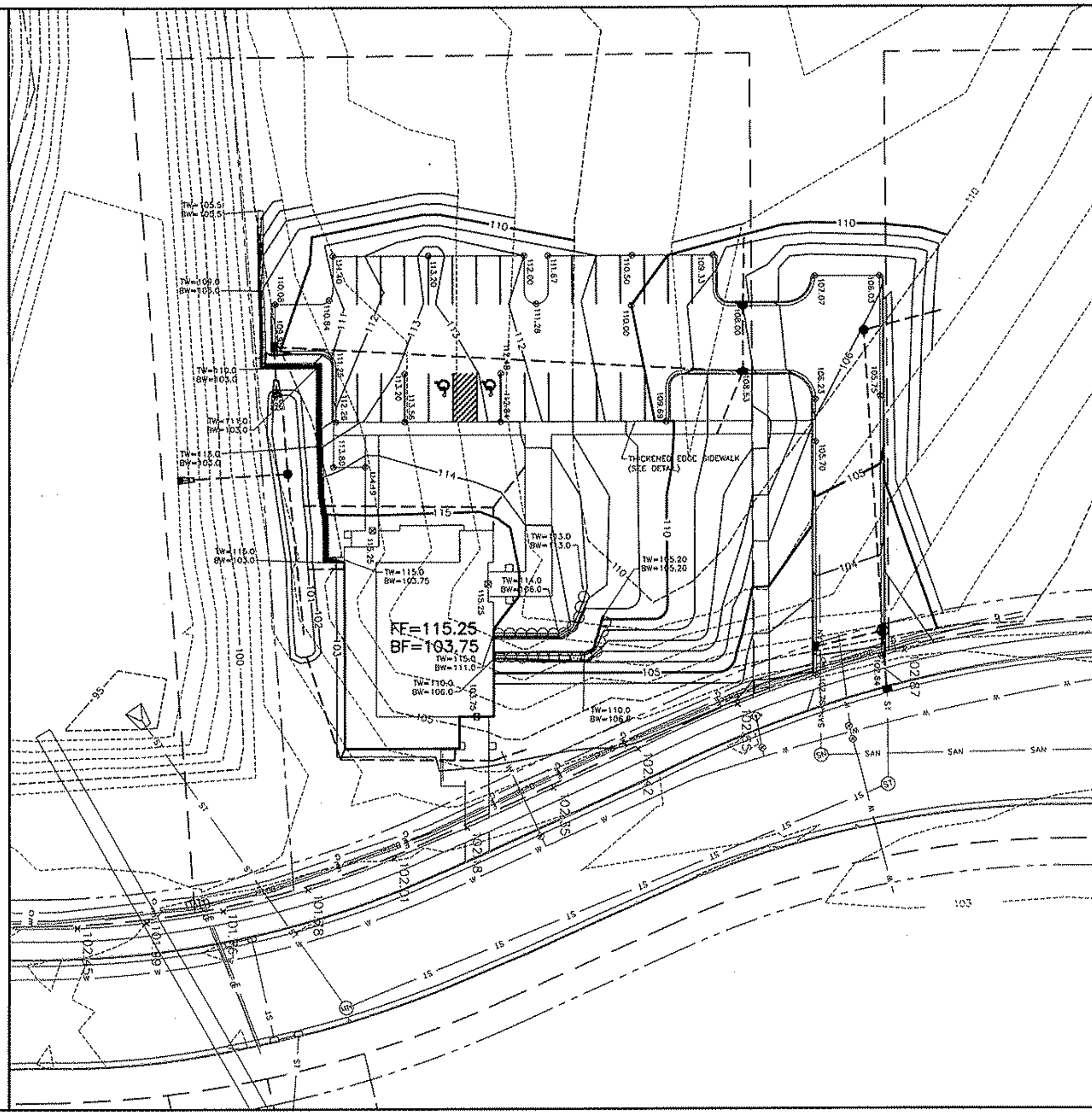
- 110 — EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- OH — OVERHEAD UTILITY LINE
- G — BURIED GAS LINE
- STM — STORM SEWER
- BuTel — BURIED TELEPHONE LINE
- E — BURIED ELECTRIC LINE
- FO — BURIED FIBER OPTIC LINE
- CaTV — BURIED CABLE TELEVISION LINE
- TV MANHOLE
- FIBER OPTIC MANHOLE
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- STORM MANHOLE
- MANHOLE
- ELECTRIC MANHOLE
- WATER MANHOLE
- ELECTRIC PEDESTAL
- TV PEDESTAL
- TELEPHONE PEDESTAL
- STORM "H" INLET
- STORM INLET

N

0 20 40 60

SCALE : 1"=40' (11"x17")
1"=20' (24"x36")

NOTE:
ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. PARKING LOT AND DRIVEWAY ELEVATIONS ARE PAVEMENT GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



DR. WARREN DENTAL OFFICE
GRADING PHASE 1

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET C1.1

PROPOSED LEGEND

Symbol description	Symbol description
EXISTING PLAT LINES	APRON END SECTION
BOULDER/ROCK RETAINING WALL	WATER VALVE
BLOCK RETAINING WALL	PROPOSED HYDRANT
PROPOSED SANITARY SEWER	SANITARY MANHOLE
PROPOSED WATER MAIN	STORM SEWER MANHOLE
PROPOSED STORM SEWER	STORM SEWER MANHOLE W/ "H" INLET
PROPOSED CURB & GUTTER SEE DETAIL 14	STORM "H" INLET
	RIP RAP
	HANDICAP PARKING STALL
	STONE WEEPER

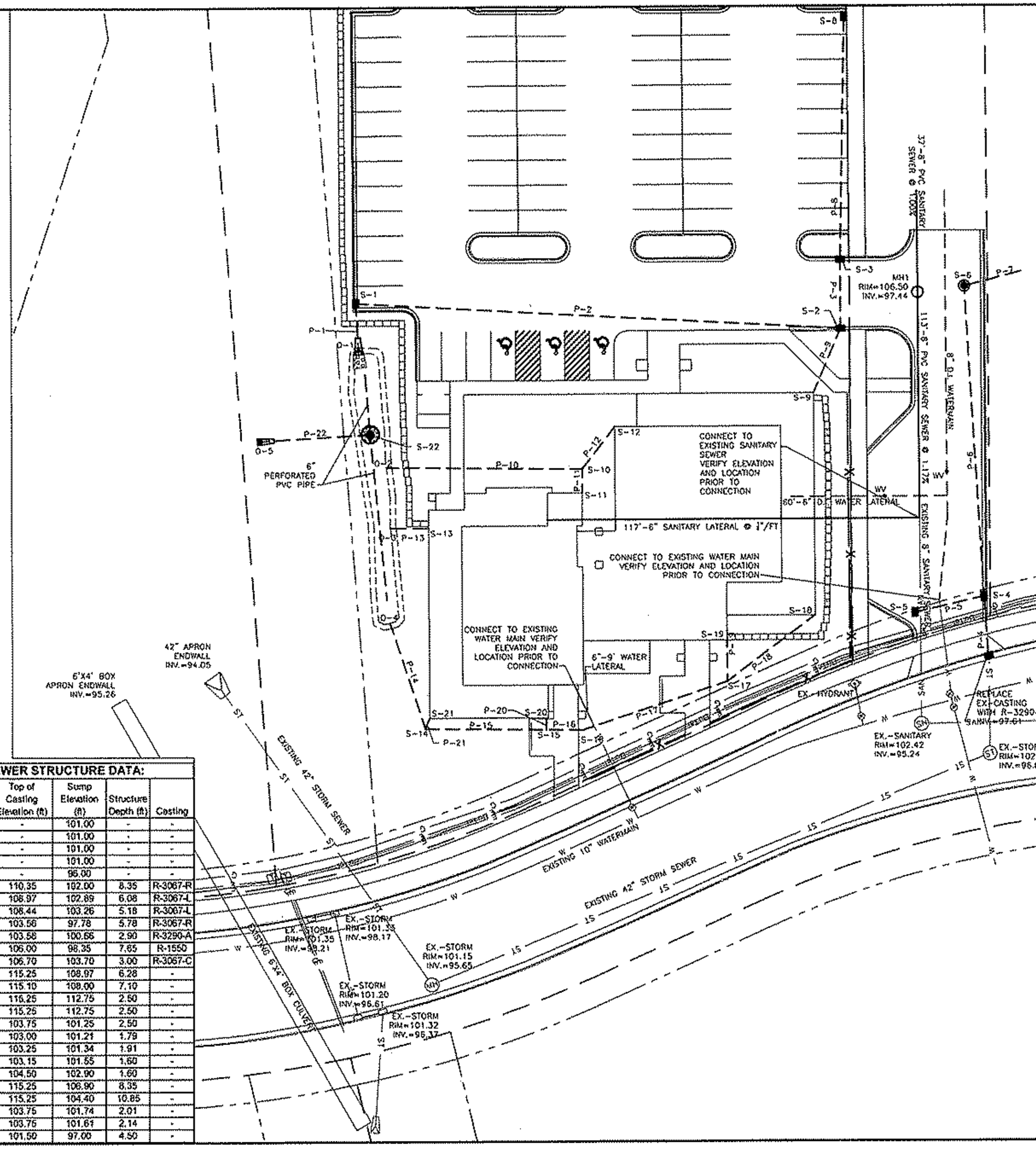
EXISTING LEGEND

Symbol description	Symbol description
BURIED GAS LINE	SANITARY MANHOLE
WATER MAIN	STORM MANHOLE
SANITARY SEWER	MANHOLE
STORM SEWER	WATER VALVE
BURIED TELEPHONE LINE	GAS VALVE
BURIED ELECTRIC LINE	ELECTRIC PEDESTAL
BURIED FIBER OPTIC LINE	TV PEDESTAL
BURIED CABLE TELEVISION LINE	TELEPHONE PEDESTAL
	HYDRANT
	STORM "H" INLET

0 20 40 60

SCALE : 1"=40' (11"x17")
1"=20' (24"x36")

N



STORM SEWER PIPE DATA:								
Pipe No.	Upstream Structure	Downstream Structure	Length (ft)	Slope (%)	Pipe Size	Material	Upstream I.E. (ft)	Downstream I.E. (ft)
P-1	S-1	O-1	18	5.56	15	RCP	102.00	101.00
P-2	S-2	S-1	177	0.50	15	RCP	102.89	102.00
P-3	S-3	S-2	25	0.50	12	RCP	103.26	103.14
P-4	S-4	EX INLET	21	0.81	18	RCP	97.78	97.61
P-5	S-5	S-4	26	9.15	12	RCP	100.66	98.28
P-6	S-6	S-4	113	0.50	18	RCP	98.35	97.78
P-7	S-7	S-6	151	0.50	18	RCP	99.10	98.35
P-8	S-8	S-3	88	0.50	12	RCP	103.70	103.26
P-9	S-9	S-2	25	10.00	6	HDPE	108.97	106.47
P-10	S-10	O-2	70	10.00	6	HDPE	108.00	101.00
P-11	S-11	S-10	9	1.67	6	HDPE	112.75	112.60
P-12	S-12	S-10	19	0.79	6	HDPE	112.75	112.60
P-13	S-13	O-3	11	2.27	6	HDPE	101.25	101.00
P-14	S-14	O-4	41	0.52	6	HDPE	101.21	101.00
P-15	S-15	S-14	44	0.30	6	HDPE	101.34	101.21
P-16	S-16	S-15	13	0.30	6	HDPE	101.55	101.51
P-17	S-17	S-16	55	2.45	6	HDPE	102.90	101.55
P-18	S-18	S-17	40	10.00	6	HDPE	106.90	102.90
P-19	S-19	S-17	15	10.00	6	HDPE	104.40	102.90
P-20	S-20	S-15	4	10.00	6	HDPE	101.74	101.34
P-21	S-21	S-14	4	10.00	6	HDPE	101.61	101.21
P-22	S-22	O-5	41	0.50	12	RCP	97.00	96.00

STORM SEWER STRUCTURE DATA:					
Label	Inlet	Top of Casting Elevation (ft)	Sump Elevation (ft)	Structure Depth (ft)	Casting
O-1	15" A.E.	-	101.00	-	-
O-2	-	-	101.00	-	-
O-3	-	-	101.00	-	-
O-4	-	-	101.00	-	-
O-5	12" A.E	-	96.00	-	-
S-1	H-INLET	110.35	102.00	8.35	R-3067-R
S-2	H-INLET	108.97	102.89	6.08	R-3067-L
S-3	H-INLET	108.44	103.26	5.18	R-3067-L
S-4	4' CB W/INLET	103.56	97.78	5.78	R-3067-R
S-5	H-INLET	103.56	100.66	2.90	R-3290-A
S-6	4' CB	106.00	98.35	7.65	R-1550
S-8	H-INLET	106.70	103.70	3.00	R-3067-C
S-9	ROOF DRAIN	115.25	108.97	6.28	-
S-10	BEND	115.10	108.00	7.10	-
S-11	ROOF DRAIN	116.25	112.75	2.50	-
S-12	ROOF DRAIN	115.25	112.75	2.50	-
S-13	ROOF DRAIN	103.75	101.25	2.50	-
S-14	BEND	103.00	101.21	1.79	-
S-15	TEE	103.25	101.34	1.91	-
S-16	BEND	103.15	101.55	1.60	-
S-17	BEND	104.50	102.90	1.60	-
S-18	BEND	115.25	106.90	8.35	-
S-19	ROOF DRAIN	115.25	104.40	10.85	-
S-20	ROOF DRAIN	103.75	101.74	2.01	-
S-21	ROOF DRAIN	103.75	101.61	2.14	-
S-22	3' CB	101.50	97.00	4.50	-

Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 05-07-08

REVISIONS:

DR. WARREN DENTAL OFFICE
OVERALL UTILITY PLAN

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

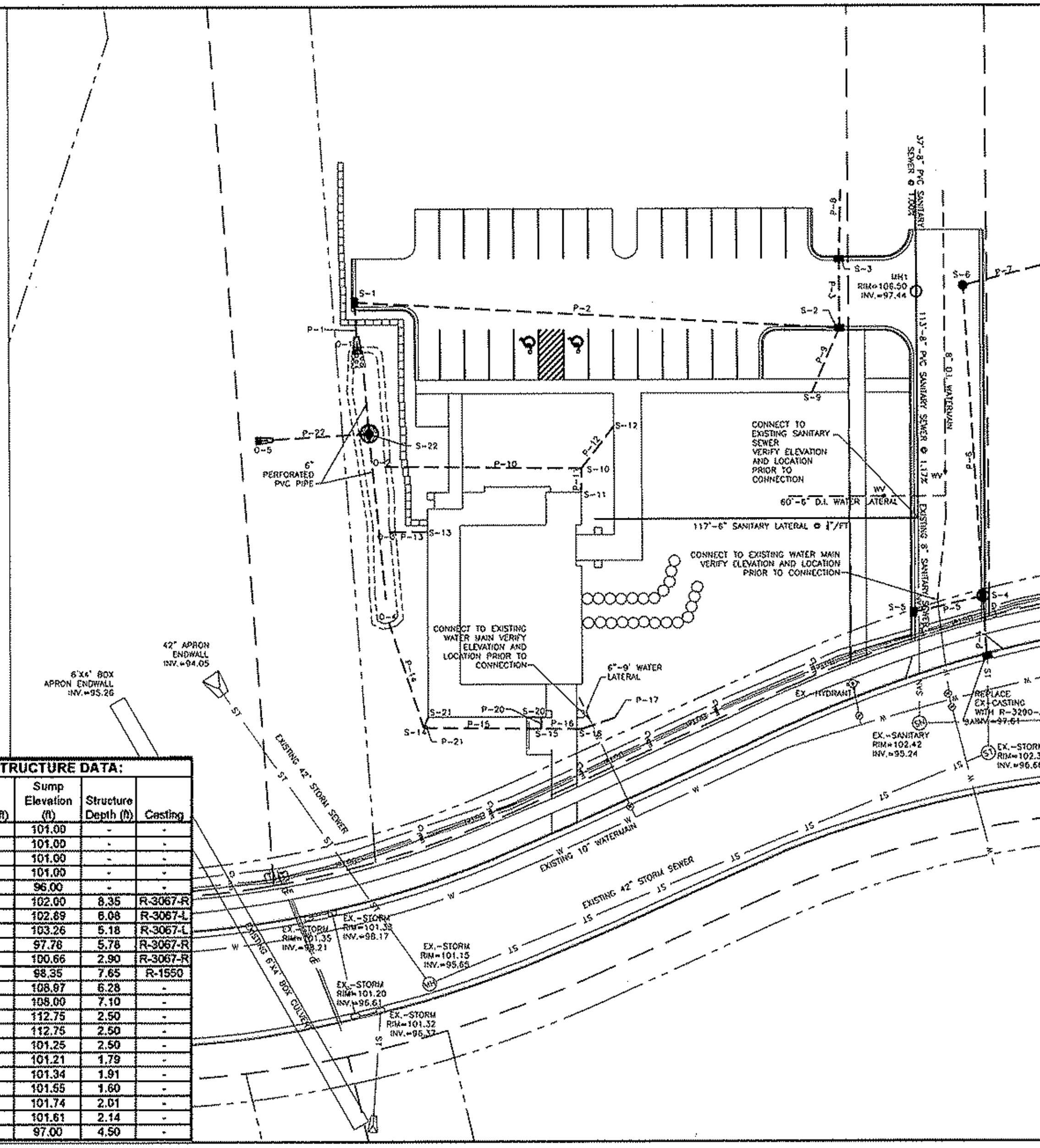
SHEET
C2.0

PROPOSED LEGEND

- EXISTING PLAT LINES
- BOULDER/ROCK RETAINING WALL
- BLOCK RETAINING WALL
- PROPOSED SANITARY SEWER
- PROPOSED WATER MAIN
- PROPOSED STORM SEWER
- PROPOSED CURB & GUTTER SEE DETAIL 14
- APRON END SECTION
- WATER VALVE
- PROPOSED HYDRANT
- SANITARY MANHOLE
- STORM SEWER MANHOLE
- STORM SEWER MANHOLE W/ "H" INLET
- STORM "H" INLET
- RIP RAP
- HANDICAP PARKING STALL
- STONE WEEPER

EXISTING LEGEND

- BURIED GAS LINE
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- BURIED TELEPHONE LINE
- BURIED ELECTRIC LINE
- BURIED FIBER OPTIC LINE
- BURIED CABLE TELEVISION LINE
- SANITARY MANHOLE
- STORM MANHOLE
- MANHOLE
- WATER VALVE
- GAS VALVE
- ELECTRIC PEDESTAL
- TV PEDESTAL
- TELEPHONE PEDESTAL
- HYDRANT
- STORM "H" INLET



SCALE : 1"=40' (11"x17")
1"=20' (24"x36")

STORM SEWER PIPE DATA:								
Pipe No.	Upstream Structure	Downstream Structure	Length (ft)	Slope (%)	Pipe Size	Material	Upstream I.E. (ft)	Downstream I.E (ft)
P-1	S-1	O-1	18	5.58	15	RCP	102.00	101.00
P-2	S-2	S-1	177	0.50	15	RCP	102.89	102.00
P-3	S-3	S-2	25	0.50	12	RCP	103.26	103.14
P-4	S-4	EX. INLET	21	0.81	18	RCP	97.76	97.61
P-5	S-5	S-4	26	9.15	12	RCP	100.66	98.22
P-6	S-6	S-4	113	0.50	18	RCP	98.35	97.76
P-7	S-7	S-6	151	0.50	18	RCP	99.10	98.35
P-8	STUB	S-3	25	0.50	12	RCP	103.39	103.26
P-9	S-9	S-2	25	10.00	8	HDPE	108.97	106.47
P-10	S-10	O-2	70	10.00	6	HDPE	108.00	101.00
P-11	S-11	S-10	9	1.67	6	HDPE	112.75	112.60
P-12	S-12	S-10	19	0.79	6	HDPE	112.75	112.60
P-13	S-13	O-3	11	2.27	6	HDPE	101.25	101.00
P-14	S-14	O-4	41	0.52	8	HDPE	101.21	101.00
P-15	S-15	S-14	44	0.30	8	HDPE	101.34	101.21
P-16	S-16	S-15	13	1.62	6	HDPE	101.55	101.34
P-17	STUB	S-16	13	2.45	6	HDPE	101.87	101.55
P-20	S-20	S-15	4	10.00	6	HDPE	101.74	101.34
P-21	S-21	S-14	4	10.00	6	HDPE	101.61	101.21
P-22	S-22	O-5	41	0.60	12	RCP	97.00	96.00

STORM SEWER STRUCTURE DATA:					
Label	Inlet	Top of Casting Elevation (ft)	Sump Elevation (ft)	Structure Depth (ft)	Casting
O-1	15" A.E.	-	101.00	-	-
O-2	-	-	101.00	-	-
O-3	-	-	101.00	-	-
O-4	-	-	101.00	-	-
O-5	12" A.E	-	96.00	-	-
S-1	H-INLET	110.35	102.00	8.35	R-3067-R
S-2	H-INLET	108.97	102.89	6.08	R-3067-L
S-3	H-INLET	108.44	103.26	5.18	R-3067-L
S-4	4' CB W/INLET	103.56	97.78	5.78	R-3067-R
S-5	H-INLET	103.56	100.66	2.90	R-3067-R
S-6	4' CB	106.00	98.35	7.65	R-1550
S-9	ROOF DRAIN	115.25	108.97	6.28	-
S-10	BEND	115.10	108.00	7.10	-
S-11	ROOF DRAIN	115.25	112.75	2.50	-
S-12	ROOF DRAIN	115.25	112.75	2.50	-
S-13	ROOF DRAIN	103.75	101.25	2.50	-
S-14	BEND	103.00	101.21	1.79	-
S-15	TEE	103.25	101.34	1.91	-
S-16	BEND	103.15	101.55	1.60	-
S-20	ROOF DRAIN	103.75	101.74	2.01	-
S-21	ROOF DRAIN	103.75	101.61	2.14	-
S-22	3' CB	101.50	97.00	4.50	-

Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 05-07-08

REVISIONS:

DR. WARREN DENTAL OFFICE
UTILITY PHASE 1

DRAWING NAME : DES01\DWG\DESIGN\DESIGN-BASE.DWG

FILE: DES01

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET
C2.1

EXISTING LEGEND

- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- OVERHEAD UTILITY LINE
- BURIED GAS LINE
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- BURIED TELEPHONE LINE
- BURIED ELECTRIC LINE
- BURIED FIBER OPTIC LINE
- BURIED CABLE TELEVISION LINE
- TV MANHOLE
- FIBER OPTIC MANHOLE
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- STORM MANHOLE
- MANHOLE
- ELECTRIC MANHOLE
- WATER MANHOLE
- UTILITY MANHOLE
- ELECTRIC PEDESTAL
- TV PEDESTAL
- TELEPHONE PEDESTAL
- HYDRANT
- HANDICAP PARKING STALL
- GAS VALVE
- STORM "H" INLET
- STORM INLET
- WATER VALVE

PROPOSED LEGEND

- EXISTING PLAT LINES
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- SILT FENCE
- BOULDER/ROCK RETAINING WALL
- BLOCK RETAINING WALL
- PROPOSED STORM SEWER
- PROPOSED CURB & GUTTER SEE DETAIL 14
- APRON END SECTION
- STORM SEWER MANHOLE
- STORM SEWER MANHOLE W/ "H" INLET
- STORM "H" INLET
- INLET PROTECTION (TYPICAL)
- TRACKING PAD
- HANDICAP PARKING STALL

0 20 40 60

SCALE : 1"=40' (11"x17")
1"=20' (24"x36")

EROSION CONTROL NOTES:

STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED UNTIL GRAVEL BASE IS INSTALLED.

EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.

TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORK DAY OR AS REQUIRED BY THE CITY.

ALL AREAS WHICH ARE NOT PAVED SHALL RECEIVE A MINIMUM OF 4" TOPSOIL PRIOR TO SEEDING.

GRASS AREAS SHALL RECEIVE FERTILIZER, SEED, AND MULCH. SEED SHALL BE MIXTURE 40 IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS AND SHALL BE APPLIED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%. FERTILIZER SHALL BE APPLIED AT THE RATE OF SEVEN POUNDS PER 1,000 SQUARE FEET.

MULCH SHOULD BE APPLIED SO THAT THE SOIL SURFACE IS UNIFORMLY COVERED. ACTUAL APPLICATION RATES MAY VARY DEPENDING UPON THE INDIVIDUAL SITE CHARACTERISTICS AND THE TYPE OF MULCH USED. MULCHING APPLICATION SHALL CONSIST OF STRAW AT A MIN. RATE OF 1.5 TONS PER ACRE. MULCH MUST BE CRIMPED.

ALL EROSION AND SEDIMENT CONTROL MEASURES AND STRUCTURES SHALL BE INSPECTED AT LEAST WEEKLY AND WITHIN 24 HOURS AFTER A 0.5 INCH OR GREATER RAINFALL EVENT BY THE CONTRACTOR. ALL NECESSARY MAINTENANCE SHALL FOLLOW WITHIN 24 HOURS OF THE INSPECTION.

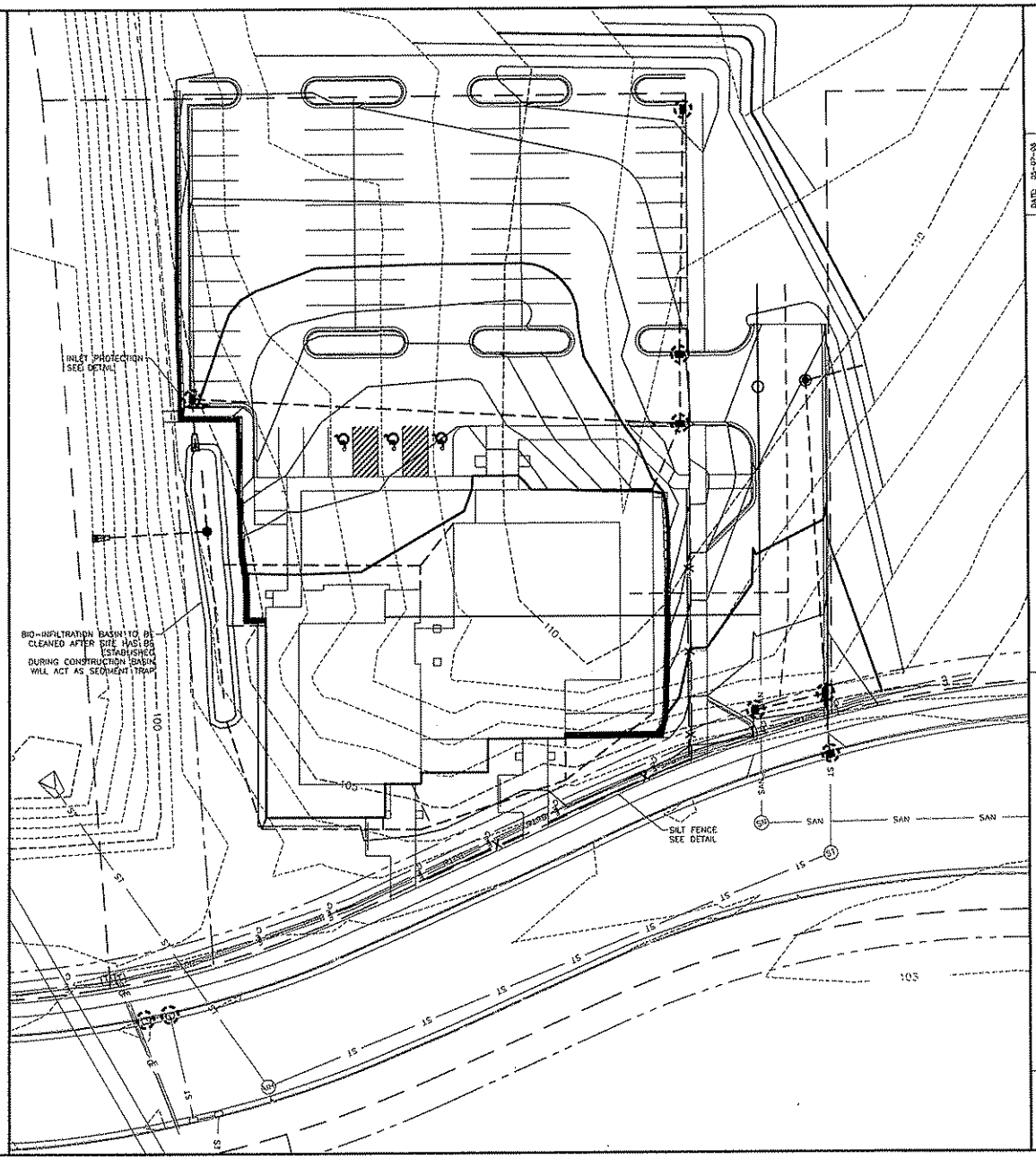
INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT DIRECTION OF THE ENGINEER. THE MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

PROJECT SCHEDULE:

PHASE 1
INSTALL EROSION CONTROL MEASURES: 1 DAY (JULY 15, 2008-JULY 16, 2008)
SITE GRADING: 272 DAYS (JULY 16, 2008-MAY 15, 2009)
TEMPORARY SEED AND MULCH: OCTOBER 15, 2008
FINAL SEED AND MULCH: MAY 15, 2009
VEGETATION ESTABLISHED: JULY 15, 2009
PHASE 2
INSTALL EROSION CONTROL MEASURES: 1 DAY (JULY 15, 2010-JULY 16, 2010)
SITE GRADING: 272 DAYS (JULY 16, 2010-MAY 15, 2011)
TEMPORARY SEED AND MULCH: OCTOBER 15, 2010
FINAL SEED AND MULCH: MAY 15, 2011
VEGETATION ESTABLISHED: JULY 15, 2011

IF CONSTRUCTION ACTIVATES CANNOT BE COMPLETED BY THE DATES INDICATED, REVISED SOIL LOSS CALCULATIONS AND EROSION CONTROL MEASURES MUST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.



Calkins Engineering, LLC
5310 Vogel Road
Evansville, IN 47715
(812) 838-0444

DATE: 05-07-08
REVISIONS

DR. WARREN DENTAL OFFICE
OVERALL EROSION CONTROL PLAN

DRAWING NAME: DESIGN\DWG\DESIGN\DESIGN-BASE.DWG
PN: DESIGN

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET
C3.0

EXISTING LEGEND

- 110 — EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- OH — OVERHEAD UTILITY LINE
- G — BURIED GAS LINE
- W — WATER MAIN
- SAN — SANITARY SEWER
- STM — STORM SEWER
- BuTel — BURIED TELEPHONE LINE
- E — BURIED ELECTRIC LINE
- FO — BURIED FIBER OPTIC LINE
- CaTV — BURIED CABLE TELEVISION LINE
- TV MANHOLE
- FIBER OPTIC MANHOLE
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- STORM MANHOLE
- MANHOLE
- ELECTRIC MANHOLE
- WATER MANHOLE
- UTILITY MANHOLE
- ELECTRIC PEDESTAL
- TV PEDESTAL
- TELEPHONE PEDESTAL
- HYDRANT
- HANDICAP PARKING STALL
- GAS VALVE
- STORM "H" INLET
- STORM INLET
- WATER VALVE

PROPOSED LEGEND

- EXISTING PLAT LINES
- 110 — PROPOSED INDEX CONTOUR
- 112 — PROPOSED INTERMEDIATE CONTOUR
- SILT FENCE
- BOULDER/ROCK RETAINING WALL
- BLOCK RETAINING WALL
- PROPOSED STORM SEWER
- PROPOSED CURB & GUTTER SEE DETAIL 14
- APRON END SECTION
- STORM SEWER MANHOLE
- STORM SEWER MANHOLE W/ "H" INLET
- STORM "H" INLET
- INLET PROTECTION (TYPICAL)
- TRACKING PAD
- HANDICAP PARKING STALL

EROSION CONTROL NOTES:

STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED UNTIL GRAVEL BASE IS INSTALLED.

EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.

TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORK DAY OR AS REQUIRED BY THE CITY.

ALL AREAS WHICH ARE NOT PAVED SHALL RECEIVE A MINIMUM OF 4" TOPSOIL PRIOR TO SEEDING.

GRASS AREAS SHALL RECEIVE FERTILIZER, SEED, AND MULCH. SEED SHALL BE MIXTURE 40 IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS AND SHALL BE APPLIED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%. FERTILIZER SHALL BE APPLIED AT THE RATE OF SEVEN POUNDS PER 1,000 SQUARE FEET.

MULCH SHOULD BE APPLIED SO THAT THE SOIL SURFACE IS UNIFORMLY COVERED. ACTUAL APPLICATION RATES MAY VARY DEPENDING UPON THE INDIVIDUAL SITE CHARACTERISTICS AND THE TYPE OF MULCH USED. MULCHING APPLICATION SHALL CONSIST OF STRAW AT A MIN. RATE OF 1.5 TONS PER ACRE. MULCH MUST BE CRIMPED.

ALL EROSION AND SEDIMENT CONTROL MEASURES AND STRUCTURES SHALL BE INSPECTED AT LEAST WEEKLY AND WITHIN 24 HOURS AFTER A 0.5 INCH OR GREATER RAINFALL EVENT BY THE CONTRACTOR. ALL NECESSARY MAINTENANCE SHALL FOLLOW WITHIN 24 HOURS OF THE INSPECTION.

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT DIRECTION OF THE ENGINEER. THE MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUED.

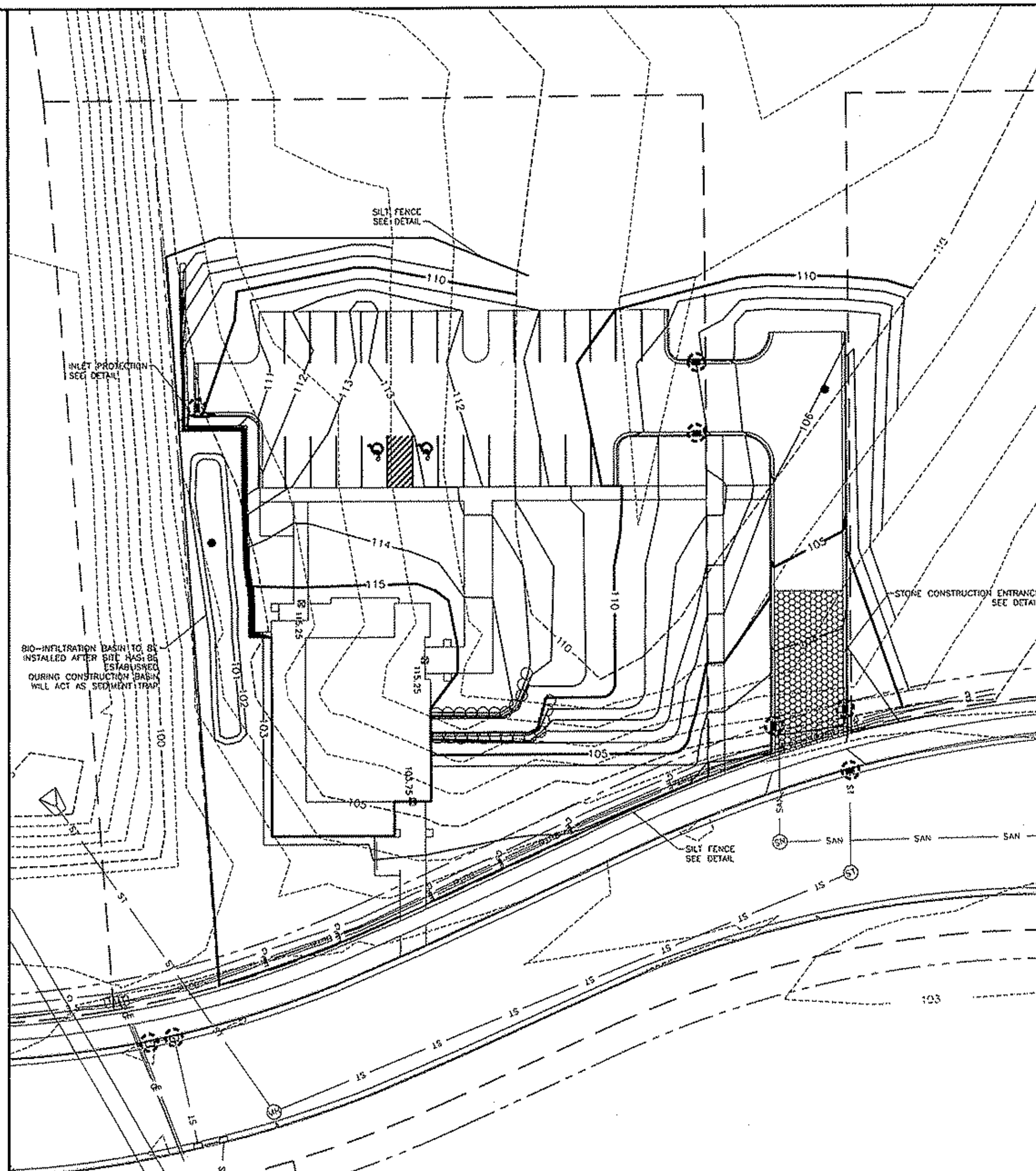
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

PROJECT SCHEDULE:

INSTALL EROSION CONTROL MEASURES: 1 DAY (JULY 15, 2008–JULY 16, 2008)
SITE GRADING: 272 DAYS (JULY 16, 2008–MAY 15, 2009)
TEMPORARY SEED AND MULCH: OCTOBER 15, 2008
FINAL SEED AND MULCH: MAY 15, 2009
VEGETATION ESTABLISHED: JULY 15, 2009

IF CONSTRUCTION ACTIVATES CANNOT BE COMPLETED BY THE DATES INDICATED, REVISED SOIL LOSS CALCULATIONS AND EROSION CONTROL MEASURES MUST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

0 20 40 60
SCALE : 1"=40' (11"x17")
1"=20' (24"x36")



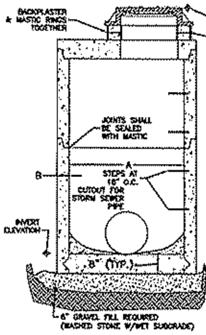
Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 03-07-08
REVISIONS:

DR. WARREN DENTAL OFFICE
EROSION CONTROL PLAN—PHASE 1

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET
C3.1



MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY CO. CATALOG LISTING NO. R-1550, WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICK HOLES

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO. 3 STEEL BAR CENTERED WITHIN EACH RING.

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1-2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY CO. R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

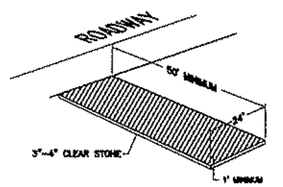
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

2'x3' OPENING IS REQUIRED FOR STORM INLET MANHOLES WITH CASTING AND RINGS AS SPECIFIED IN DETAIL 02721-A.

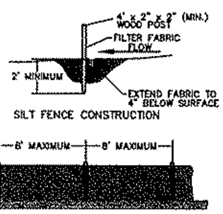
STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION A	DIMENSION B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

(1) STORM SEWER MANHOLE DETAIL
SCALE: NOT TO SCALE

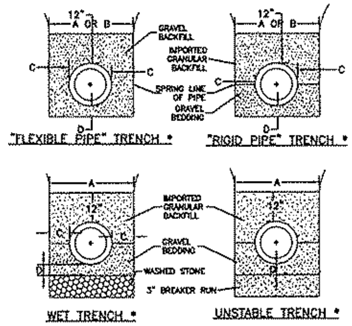


(2) STONE CONSTRUCTION ENTRANCE
NOT TO SCALE



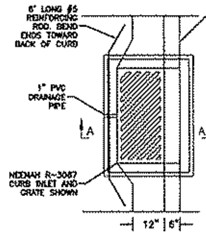
(3) SILT FENCE
NOT TO SCALE

DIMENSIONS:
A: OUTSIDE DIAMETER OF PIPE PLUS 24" (MAXIMUM)
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" (MAXIMUM)
C: MINIMUM – 6"
D: 4" BELOW BARREL AND 3" BELOW BELL; IN ROCK, 6" BELOW BARREL



* "RIGID PIPE" INCLUDES REINFORCED CONCRETE PIPE AND DUCTILE IRON PIPE ONLY. ALL OTHER PIPE MATERIALS SHALL BE CONSIDERED "FLEXIBLE PIPE". THE WET TRENCH AND UNSTABLE TRENCH DETAILS ARE DRAWN SHOWING A "RIGID PIPE" TRENCH INSTALLATION.

(4) TRENCH WIDTH AND BEDDING DETAILS
SCALE: NOT TO SCALE

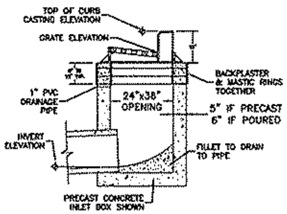


NOTES:
– TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

– THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

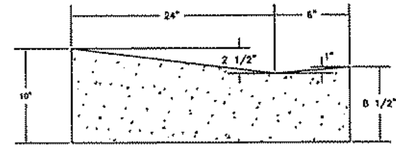
– THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

– FRAME ADJUSTING RINGS SHALL BE AT LEAST TWO CONCRETE RINGS OF VARIABLE THICKNESS. MASTIC BETWEEN RINGS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.



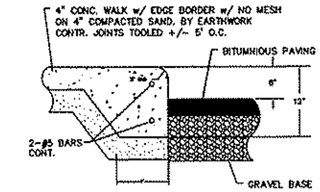
SECTION A-A

(5) STORM SEWER INLET DETAIL
SCALE: NOT TO SCALE



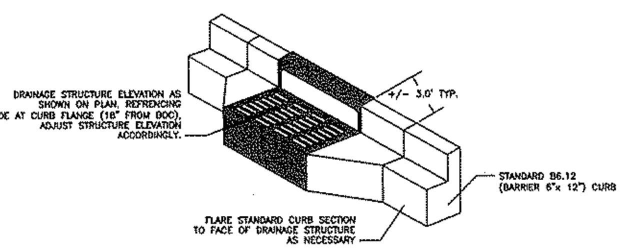
(6) DRIVEWAY SECTION CONCRETE CURB & GUTTER TYPE "X"
NOT TO SCALE

WALK WIDTH AS INDICATED ON PLAN MAXIMUM SLOPE= 1/4" IN. 1'0"



NOTE:
BITUMINOUS PAVING CONTRACTOR MUST MAINTAIN 6" STEP +/– ¼" MAX BETWEEN TOP OF PAVING AND TOP OF CONCRETE WALK. NO EXCEPTIONS.

(7) THICKENED EDGE SIDEWALK
NOT TO SCALE



(8) CURB & DRAINAGE STRUCTURE INTERFACE
NOT TO SCALE

Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 05-07-08
REVISIONS:

DR. WARREN DENTAL OFFICE
DETAILS

FN: DES01
DRAWING NAME : P:\PROJECTS\D\DES01\Dwg\Design\Details.dwg

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

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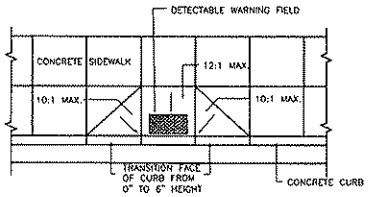
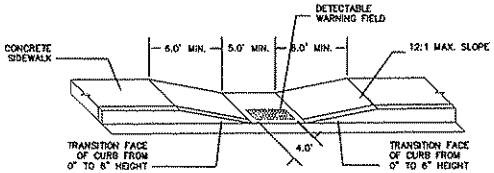
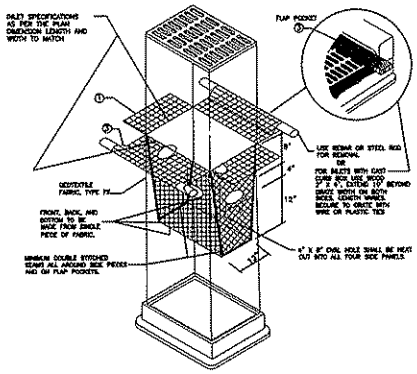


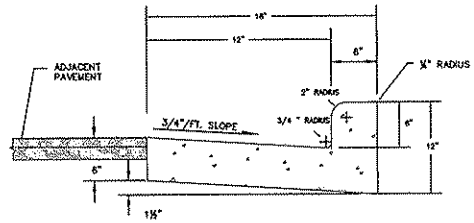
9 SIDEWALK HANDICAP RAMP
NOT TO SCALE



10 DEPRESSED SIDEWALK RAMP
NOT TO SCALE



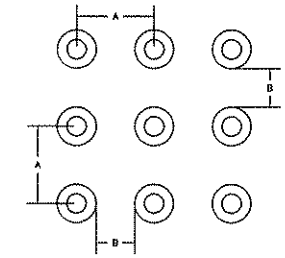
12 INLET PROTECTION, TYPE D
NOT TO SCALE



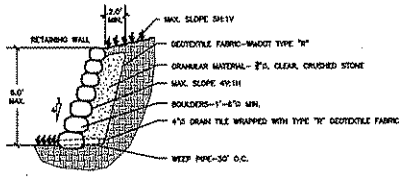
15 18" CONCRETE CURB AND GUTTER
NOT TO SCALE

	MIN.	MAX.
A	1.6"	2.4"
B	0.85"	1.5"
C	*	*
D	0.9"	1.4"

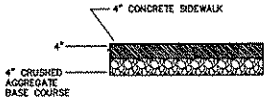
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



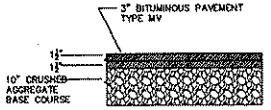
11 TRUNCATED DOME DETAIL
NOT TO SCALE



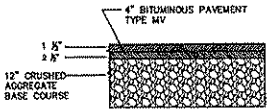
13 BOULDER RETAINING WALL DETAIL
NOT TO SCALE



14 CONCRETE SIDEWALK SECTION
NOT TO SCALE



16 PAVEMENT SECTION – PARKING AREA
NOT TO SCALE



17 PAVEMENT SECTION – HEAVY DUTY
NOT TO SCALE

Calkins Engineering, LLC
5010 Voges Road
Madison, WI 53718
(608) 838-0444

DATE: 04-09-09
REVISIONS:

DR. WARREN DENTAL OFFICE
DETAILS

DRAWING NAME: P:\PROJECTS\DESIGN\Dwg\Dr-dwg\Details.dwg

FN: DC501

Calkins Engineering, LLC
Civil Engineers & Land Surveyors

SHEET
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PLANTING REQUIREMENTS
(CALCULATED FROM WORKSHEET, 28 PARKING STALLS)

NO. OF CANOPY SHADE TREES REQUIRED 2
NO. OF POINTS REQUIRED 136

INFILTRATION BASIN PLANTING SCHEDULE

Dry-Mesic Perennials - side slopes

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
AA	Aster azureus	Sky Blue Aster	60	3	Container	12" o.c.
AC	Amorpha canescens	Leadplant	40	3	Container	12" o.c.
BC	Bouteloua curtipendula	Sideoats Gramma	90	3	Container	12" o.c.
LP	Liatris pycnostachya	Prairie Blazingstar	90	3	Container	12" o.c.
RH	Rudbeckia hirta	Black-Eyed Susan	110	3	Container	12" o.c.

Wet-Mesic Perennials - bottom

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
CC	Calamagrostis canadensis	Bluejoint Grass	240	3	Container	12" o.c.
CG	Chelone glabra	White Turtlehead	70	3	Container	12" o.c.
EM	Eupatorium maculatum	Joe Pye Weed	90	3	Container	12" o.c.
PV	Panicum virgatum	Switch Grass	80	3	Container	12" o.c.
ZA	Zizia aurea	Golden Alexanders	110	3	Container	12" o.c.

PLANTING SCHEDULE

Deciduous Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	1	2.5" Cal.	B&B	As shown		
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	4	2.5" Cal.	B&B	As shown		
QR	Quercus rubra	Red Oak	2	2.5" Cal.	B&B	As shown		

Evergreen Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
PG	Picea glauca var. Densata	Black Hills Spruce	1	6' Ht.	B&B	As shown	15	15
PN	Pinus nigra	Austrian Pine	1	6' Ht.	B&B	As shown	15	15

Ornamental Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
AG	Amelanchier x g. 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1	6' Ht (clump)	B&B	As shown	15	15
CV	Crataegus viridis 'Winter King'	Winter King Hawthorn	2	2" Cal.	B&B	As shown	15	30
MS	Malus x 'Sentinel'	Sentinel Crab	1	2" Cal.	B&B	As shown	15	15

Deciduous Shrubs

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
CS	Cornus sericea	Redosier Dogwood	11	36" Ht.	B&B	60" o.c.	2	22
DL	Diervilla lonicera	Dwarf Bush Honeysuckle	14	2 Gal.	Container	36" o.c.	2	28
HA	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	11	2 Gal.	Container	48" o.c.	2	22
RA	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	6	2 Gal.	Container	48" o.c.	2	12
SBA	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	27	18" Ht.	B&B	42" o.c.	2	54
SBC	Spiraea x bumalda 'Gold Charm'	Gold Charm Spirea	15	12" Ht.	Container	30" o.c.	2	30
SJ	Spiraea japonica 'Little Princess'	Little Princess Spirea	14	12" Ht.	Container	30" o.c.	2	28
VDA	Viburnum dentatum 'Autumn Jazz'	Autumn Jazz Arrowwood Viburnum	3	36" Ht.	B&B	72" o.c.	2	6
VL	Viburnum lentago	Nannyberry Viburnum	4	36" Ht.	B&B	60" o.c.	2	8
WW	Weigela 'Wine & Roses'	Wine & Roses Weigela	13	2 gal.	Container	30" o.c.	2	26

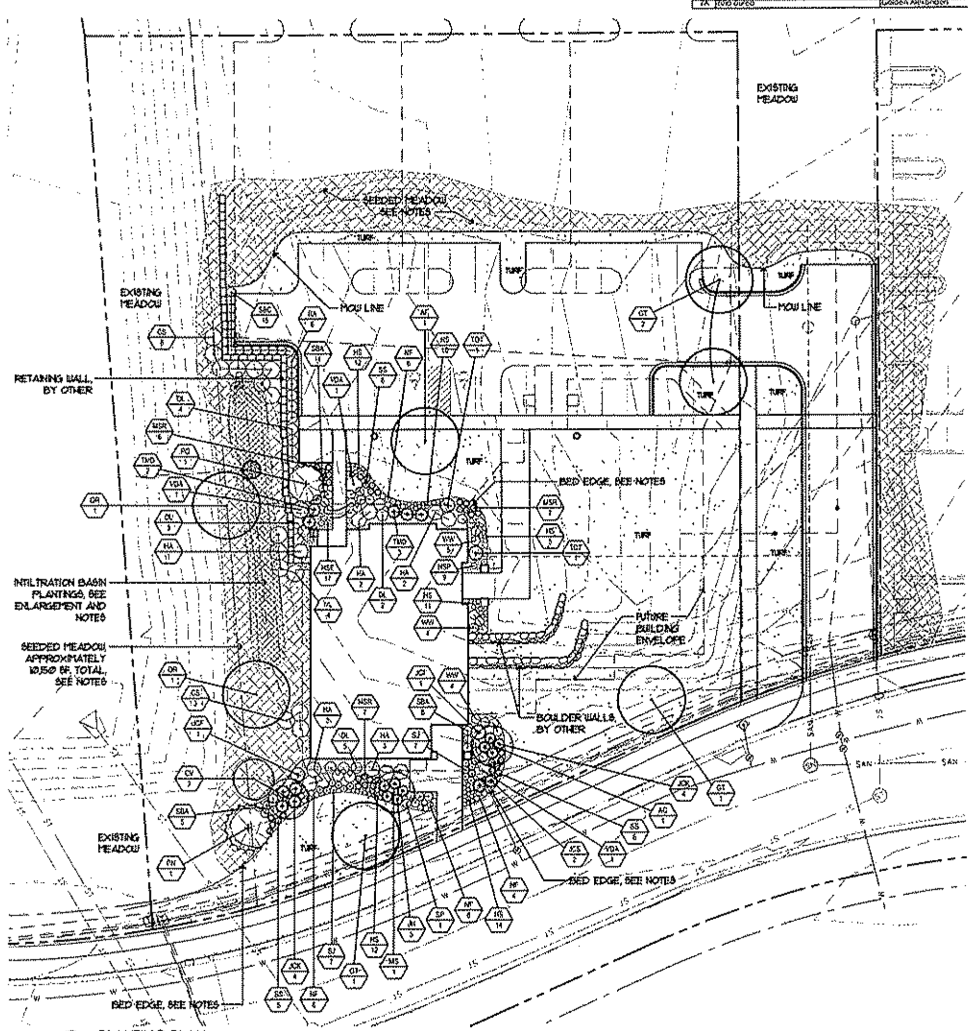
Evergreen Shrubs

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
JCF	Juniperus chinensis 'Fairview'	Fairview Juniper	2	5' Ht.	B&B	As shown	3	6
JCK	Juniperus chinensis 'Kallays Compact'	Kallay's Compact Pfitzer Juniper	8	2 Gal.	Container	54" o.c.	3	24
JCS	Juniperus chinensis 'Sea Green'	Sea Green Juniper	2	2 Gal.	Container	60" o.c.	3	6
JH	Juniperus horizontalis 'Blue Chip'	Blue Chip Juniper	5	3 Gal.	Container	48" o.c.	3	15
TMD	Taxus x media 'Densiformis'	Dense Yew	5	18" Ht.	B&B	60" o.c.	3	15
TOT	Thuja occidentalis 'Techny'	Techny Arborvitae	2	5' Ht.	B&B	As shown	3	6

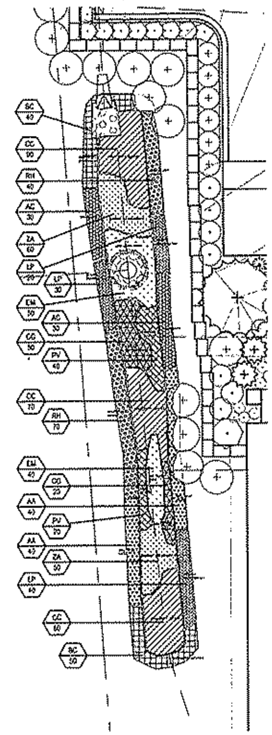
Perennials

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
HS	Hemerocallis 'Stella d'Oro'	Low Yellow-Gold Daylily	64	1 Gal.	Container	18" o.c.		
HSP	Hosta 'Sun Power'	Sun Power Hosta	9	1 Gal.	Container	30" o.c.		
HSE	Hosta sieboldiana 'Elegans'	Blue Giant Hosta	17	1 Gal.	Container	30" o.c.		
MSR	Miscanthus sinensis 'Red Flame'	Red Flame Miscanthus	23	1 Gal.	Container	30" o.c.		
NF	Nepeta x faassenii 'Blue Wonder'	Blue Wonder Catmint	22	1 Gal.	Container	24" o.c.		
SS	Schizachyrium scoparium	Little Bluestem	47	1 Gal.	Container	30" o.c.		

Total Points 378



PLANTING PLAN
1" = 20'-0"



INFILTRATION BASIN PLANTINGS
1" = 10'-0"

LANDSCAPE NOTES

GENERAL

Grading - All areas shall be sloped to sheet drain per contours on grading plan. Remove all trash and stone exceeding 2" diameter to a depth of 2" prior to planting. Verify 3" minimum topsoil depth prior to fine grading. Rake surface to provide uniform seed bed.

Topsoil - Topsoil shall be classified as a sandy loam soil to silty loam. No organic topsoil from peaty sources will be accepted. Topsoil imported from a local supplier shall be stripped and stockpiled for more than 12 months to be relatively free of viable weed seeds. Topsoil shall be sifted and/or screened to be free of stones and clay lumps, plants or other extraneous materials.

PLANTING

Plant starter mix - A 2:1 ratio mix of two parts peat moss and one part manure. Available at certified peat & sod, New Berlin, WI (414-542-2270 for information) or approved equal.

Substitutions - Substitutions/changes of plantings must be approved by landscape architect.

Trees - Pocket plant and back fill pits with a mix of 10% plant starter mix, and 90% existing soil. Tree holes to be at least 2 times the spread diameter of the root ball. Use shovel to rough up sides of exposed walls. Set depth of root ball to be same as grown in nursery or slightly higher if planting in clay soil.

Shrubs - Pocket plant and back fill pits with a mix of 10% plant starter mix, and 90% existing soil. Set depth of root ball to be same as grown in nursery or slightly higher if planting in clay soil.

Perennials - Condition topsoil in perennial planting beds by adding 3" plant starter mix. Add bone meal and milorganite, each at the rate of 1-2 lbs. per 100 S.F. Add granular sulfur at the rate of 3-4 lbs. per 100 S.F. Rototill to blend and re-grade as necessary. Set plant depth to be same as grown in nursery. Water-in well.

Mulch - Install a 3-4" layer of shredded hardwood bark around trees & shrubs. For trees in lawn, install a 4-5' diameter circle of mulch around each tree. For shrubs install mulch in continuous beds. Do not allow mulch to touch plant stems.

Bed Edging - All planting beds adjacent to turf areas shall be edged with a straight-face poly-vinyl edging, Slim-Edg, by Oly-Ola Edgings, Inc., or approved equal. Install per manufacturer's instructions.

Turf – See Eng. Dwgs. for turf planting instructions.

Meadow Seed Mix - Provide 'Land Restoration Mix for Medium Soils', item #50047, Prairie Nursery, Westfield, WI, 1-800-476-9453 for upland seed mix areas as shown on the plans. Remove all seed bag labels prior to planting, and provide to Landscape Architect for verification. Plant per manufacturer's instructions at 10 Lbs./acre minimum seed rate. Also seed a nurse crop of Annual Rye at 15 Lbs./acre. Loosely rake to a depth of 1/4" - 1/2" after broadcasting seed. Roll entire area to firm the seed bed. Mulch seed bed with clean weed-free straw or hay. Water thoroughly.

Rain Garden Planting - See Civil Dwgs. for grading, soil, and mulch installation specifications, per City requirements. Plantings shall be either dormant or live plugs depending on season of installation. Consult native plant supplier for appropriateness of either choice to guarantee a healthy stand of vegetation.

Maintenance - Contractor shall provide regular maintenance until a date of 60 days after completion of planting. Maintenance shall begin when planting is started for ongoing planting areas. Maintenance operations shall include watering, weeding, and mowing. Contactor shall provide temporary irrigation equipment if needed to provide a minimum of 1" of water per week throughout the maintenance period for all planting areas.

Plant Guarantee - The landscape contractor shall guarantee to replace once, without charge, any woody plant material (deciduous or evergreen trees & shrubs) that dies within one year of installation, providing the owner gives normal plant care (regular watering). The owner must report plant losses within the guarantee period.

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Planning Creating Rebuilding

WISCONSIN
JAMES D. SCHAEFER
389
MADISON, WI
LANDSCAPE ARCHITECT

REVISIONS

DR. WARREN DENTAL OFFICE
PLANTING PLAN
MADISON, WISCONSIN

SCALE: 1" = 20'-0"
DATE: MAY 6, 2008
DRAWN BY: JDS
WARREN DENTAL OFFICE

L1.0

PLANTING SCHEDULE - PHASE 2

Deciduous Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	6	2.5" Cal.	B/B	As shown		
QR	Quercus rubra	Red Oak	2	2.5" Cal.	B/B	As shown		

Evergreen Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
PN	Pinus nigra	Austrian Pine	1	6' Ht.	B/B	As shown	15	15

Ornamental Trees

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
MS	Malus x 'Sentinel'	Sentinel Crab	1	2" Cal.	B/B	As shown	15	15

Deciduous Shrubs

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
DL	Diervilla lonicera	Dwarf-bush Honeysuckle	17	2 Gal.	Container	34" o.c.	2	34
HA	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	9	2 Gal.	Container	48" o.c.	2	18
SBA	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	13	18" Ht.	B/B	42" o.c.	2	26
SJ	Spiraea japonica 'Little Princess'	Little Princess Spirea	27	12" Ht.	Container	30" o.c.	2	54
VDA	Viburnum dentatum 'Autumn Jazz'	Autumn Jazz Arrowwood Viburnum	6	36" Ht.	B/B	72" o.c.	2	12
WW	Weigela 'Wine & Roses'	Wine & Roses Weigela	4	2 Gal.	Container	30" o.c.	2	8

Evergreen Shrubs

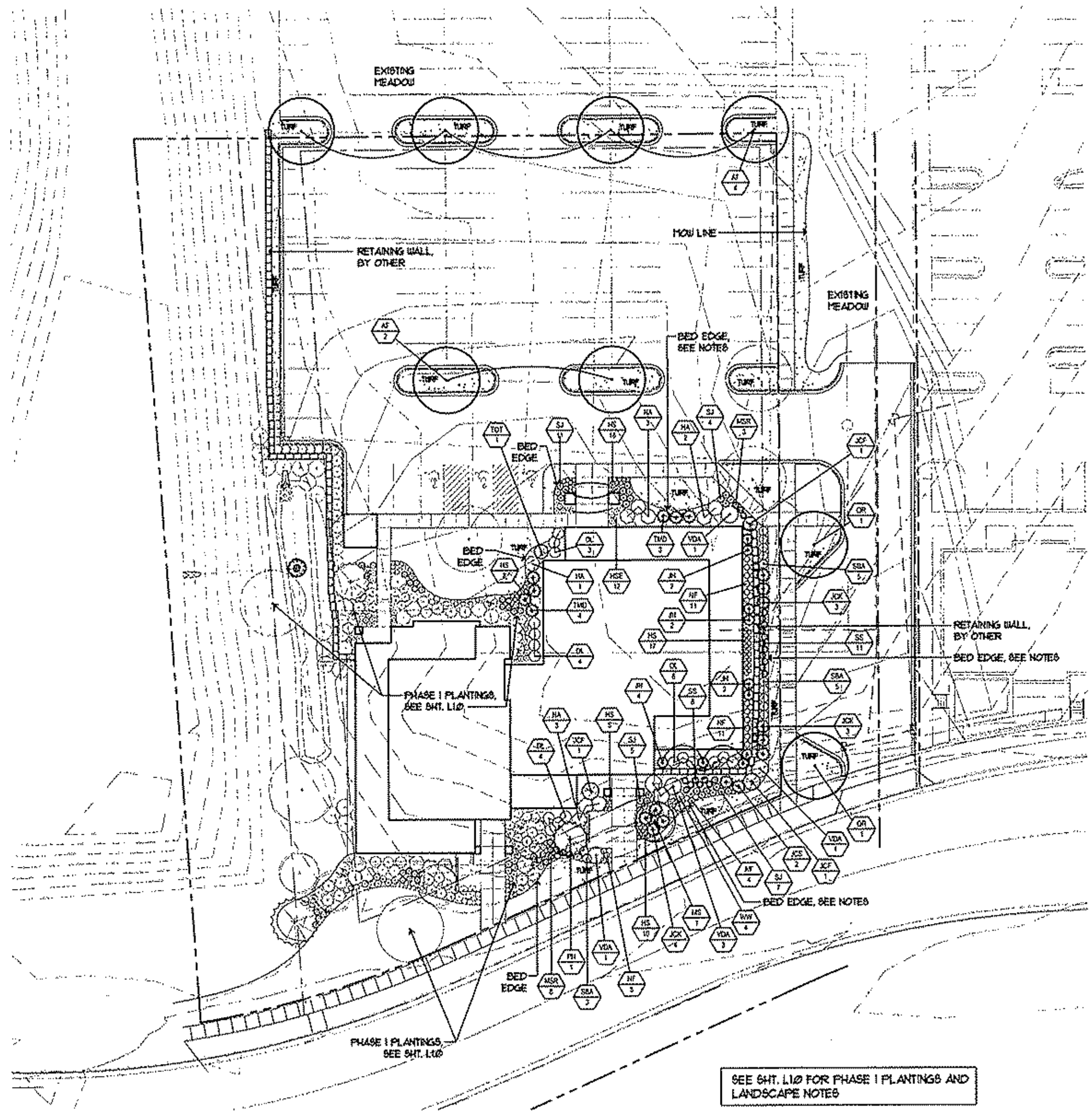
SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
JCF	Juniperus chinensis 'Fairview'	Fairview Juniper	3	5' Ht.	B/B	As shown	3	9
JCK	Juniperus chinensis 'Kallays Compact'	Kallay's Compact Pfitzer Juniper	10	2 Gal.	Container	36" o.c.	3	30
JCS	Juniperus chinensis 'Sea Green'	Sea Green Juniper	2	2 Gal.	Container	30" o.c.	3	6
JH	Juniperus horizontalis 'Blue Chip'	Blue Chip Juniper	10	3 Gal.	Container	48" o.c.	3	30
TMD	Taxus x media 'Densiformis'	Dense Yew	7	18" Ht.	B/B	30" o.c.	3	21
TOT	Thuja occidentalis 'Techny'	Techny Arborvitae	1	5' Ht.	B/B	As shown	3	3

Perennials

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING	POINTS	POINTS
HS	Hemerocallis 'Stella d'Oro'	Low Yellow-Gold Daylily	50	1 Gal.	Container	18" o.c.		
HSE	Hosta sieboldiana 'Elegans'	Blue Giant Hosta	12	1 Gal.	Container	30" o.c.		
MSR	Miscanthus sinensis 'Red Flame'	Red Flame Miscanthus	11	1 Gal.	Container	30" o.c.		
NF	Nepeta x faassenii 'Blue Wonder'	Blue Wonder Catmint	31	1 Gal.	Container	24" o.c.		
SS	Schizachyrium scoparium	Little Bluestem	19	1 Gal.	Container	30" o.c.		
						Total Points		281

PLANTING REQUIREMENTS - PHASE 2
(CALCULATED FROM WORKSHEET, 35 PARKING STALLS, 63 STALLS FOR BOTH PHASES, 28 STALLS ACCOUNTED FOR IN PHASE 1)

NO. OF CANOPY SHADE TREES REQUIRED 3
NO. OF POINTS REQUIRED 169



SEE SHT. L1.0 FOR PHASE 1 PLANTINGS AND LANDSCAPE NOTES

PLANTING PLAN - PHASE 2
1" = 20'-0"

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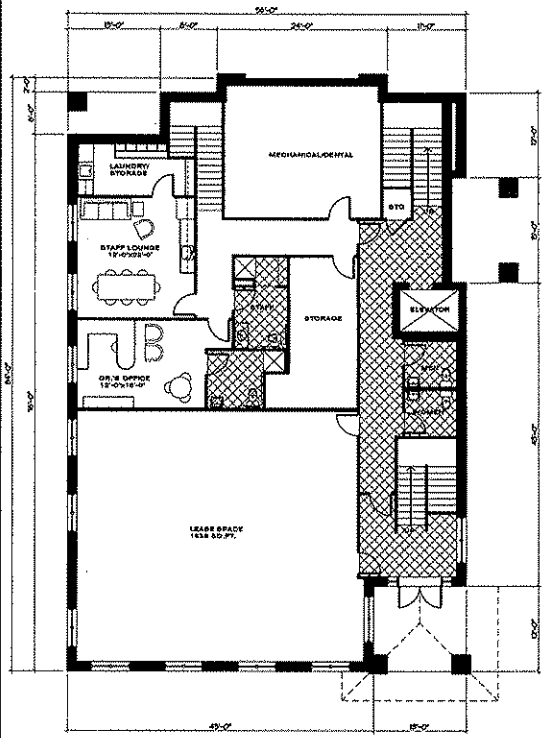
WISCONSIN
JAMES D. SCHAEFER
389
MADISON, WI
LANDSCAPE ARCHITECT

REVISIONS

DR. WARREN DENTAL OFFICE
PLANTING PLAN - PHASE 2
MADISON, WISCONSIN

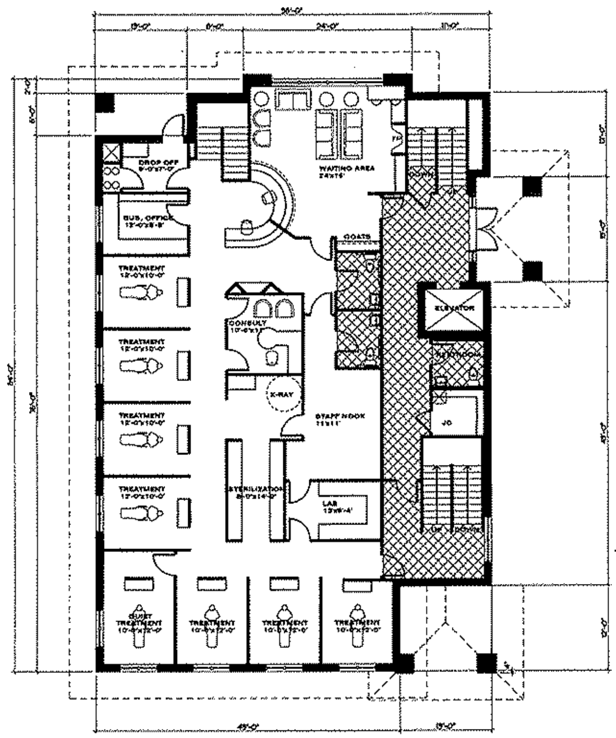
SCALE: 1" = 20'-0"
DATE: MAY 12, 2008
DRAWN BY: JDS
WARREN DENTAL OFFICE

L2.0



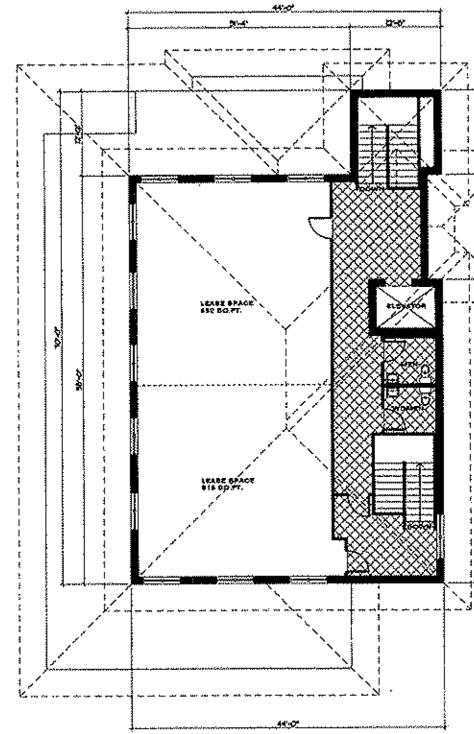
PHASE 1
LOWER LEVEL FLOOR PLAN
SCALE: 1/8"=1'-0"

DENTAL SPACE:	1,868 SF
LEASE SPACE:	1,538 SF
AUXILIARY/MECH.:	970 SF
TOTAL:	4,376 SF



PHASE 1
MAIN LEVEL FLOOR PLAN
SCALE: 1/8"=1'-0"

DENTAL SPACE:	3,376 SF
AUXILIARY:	1,000 SF
TOTAL:	4,376 SF



PHASE 1
UPPER LEVEL FLOOR PLAN
SCALE: 1/8"=1'-0"

LEASE SPACE:	1,667 SF
AUXILIARY:	1,010 SF
TOTAL:	2,675 SF

REVISIONS | BY

DR. WARREN DENTAL OFFICE

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CHECKED BY: DJH
DATE: 05/07/2008
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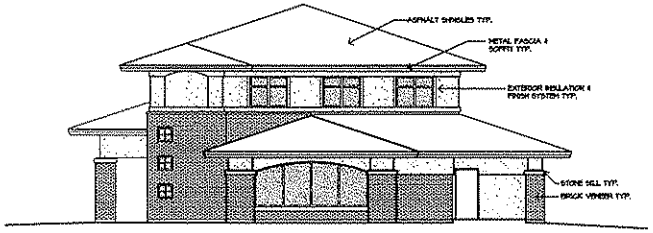
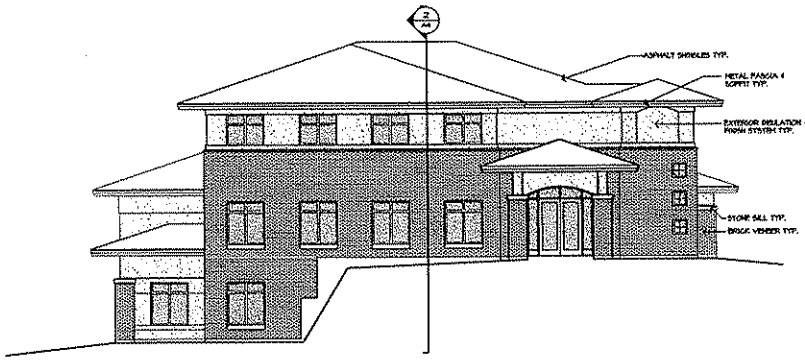
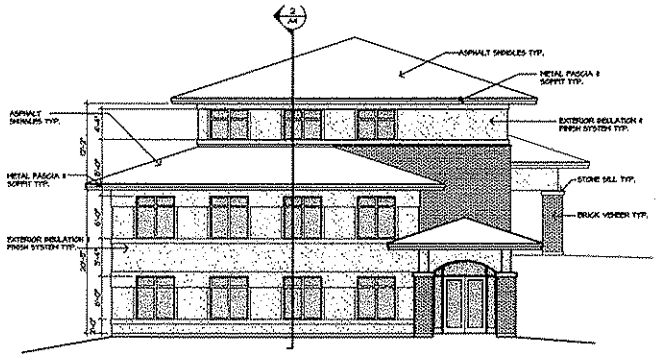
SHEET: **A-1**



NORTH ELEVATION PHASE 1
SCALE: 1/8"=1'-0"



EAST ELEVATION PHASE 1
SCALE: 1/8"=1'-0"



SOUTH ELEVATION PHASE 1
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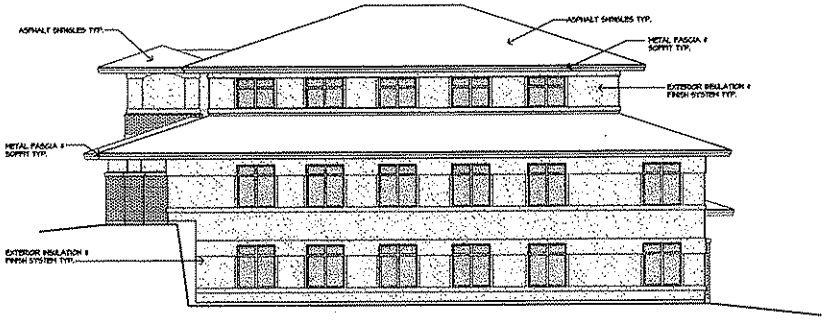

WEST ELEVATION PHASE 1
SCALE: 1/8"=1'-0"

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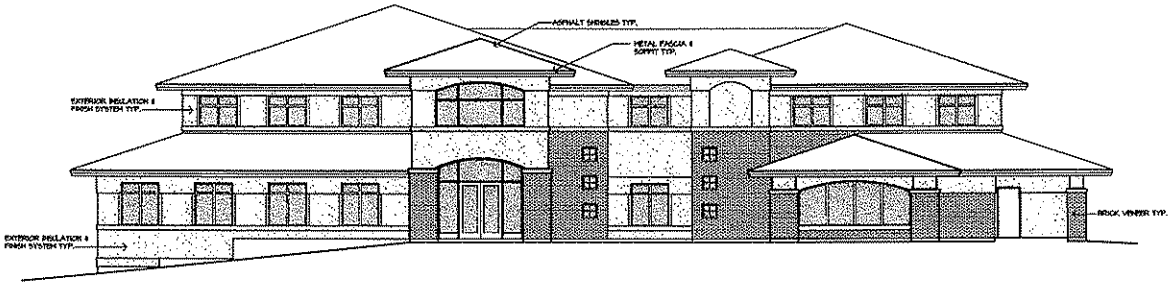
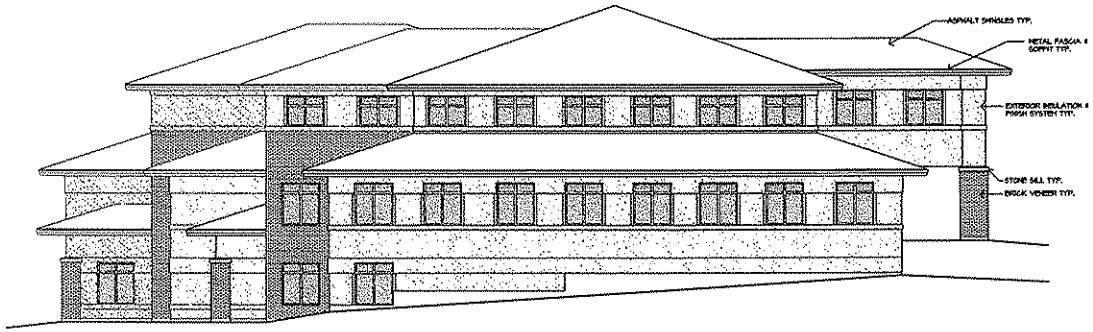
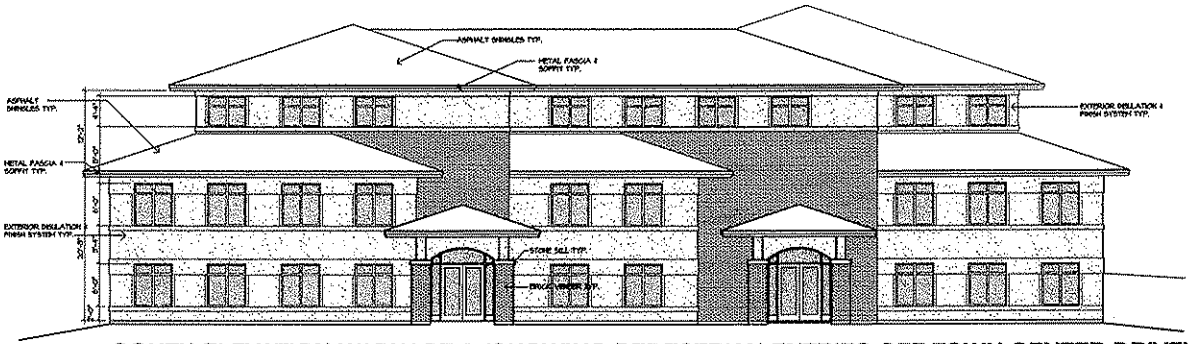


NORTH ELEVATION W/ PHASE 2 (SHOWING ENTRIES FROM PARKING LOT)
SCALE: 1/8"=1'-0"



EAST ELEVATION W/ PHASE 2
SCALE: 1/8"=1'-0"



SOUTH ELEVATION W/ PHASE 2 (SHOWING PEDESTRIAN ENTRIES OFF TOWN CENTER DRIVE)
SCALE: 1/8"=1'-0"

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05/12/2008	DLH

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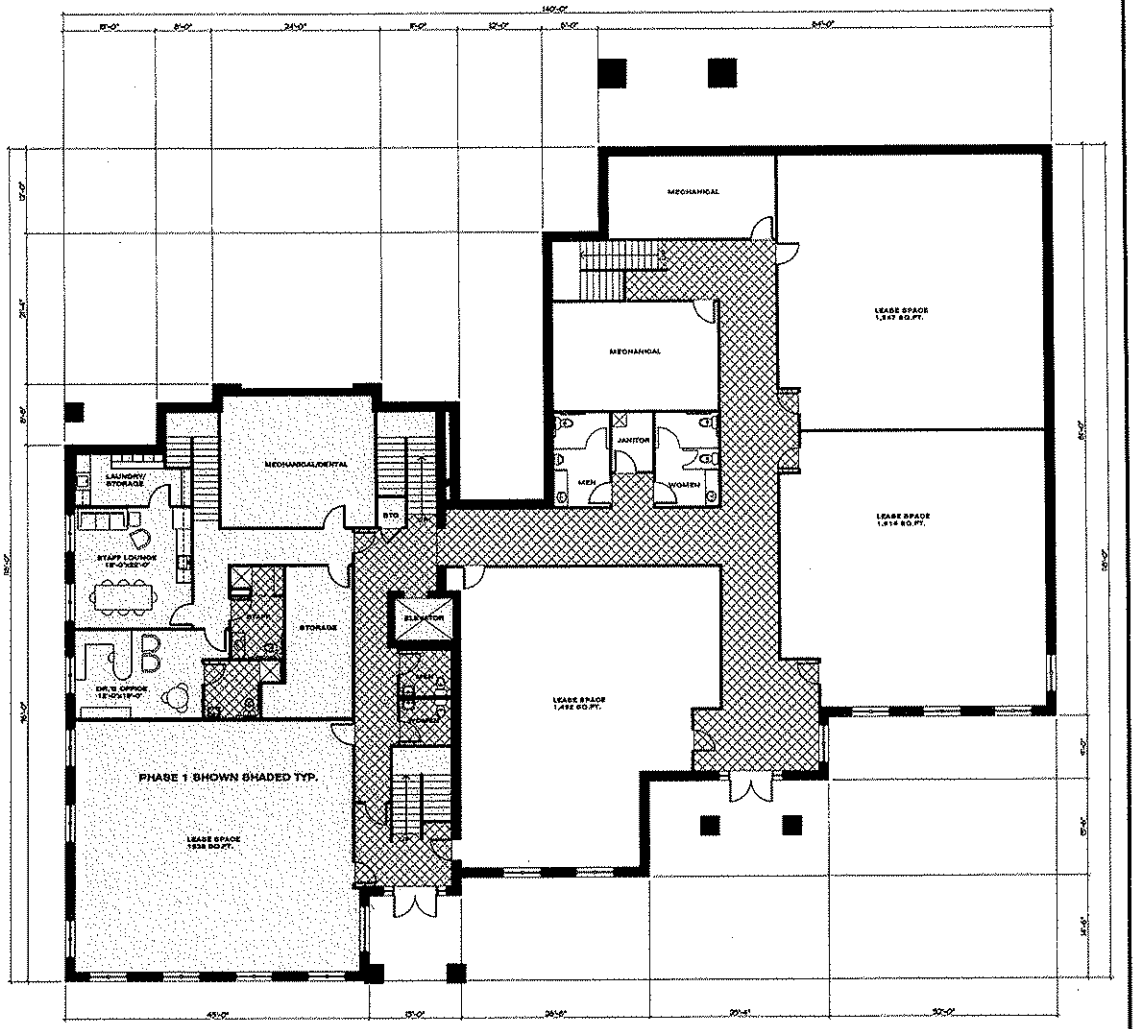

PHASE II
LOWER LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PHASE I:	4376 SF
LEASE SPACE:	4518 SF
AUXILIARY/MECH:	2446 SF
PHASE II TOTAL:	6962 SF
PHASE I & II TOTAL:	11338 SF

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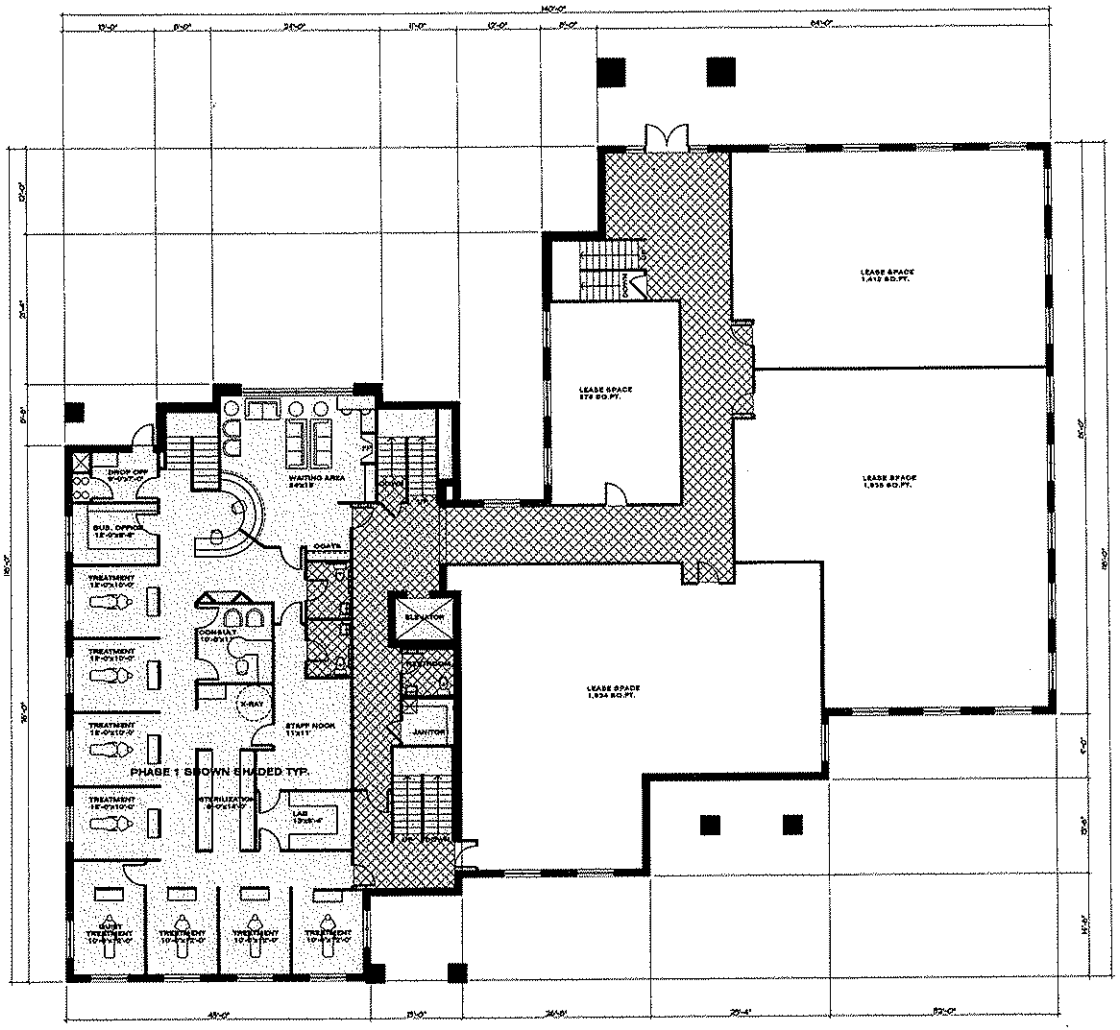

PHASE II
MAIN LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PHASE I:	4,376 SF
LEASE SPACE:	5,856 SF
AUXILIARY/MECH:	1,106 SF
PHASE II TOTAL:	6,962 SF
PHASE I&II TOTAL:	11,338 SF

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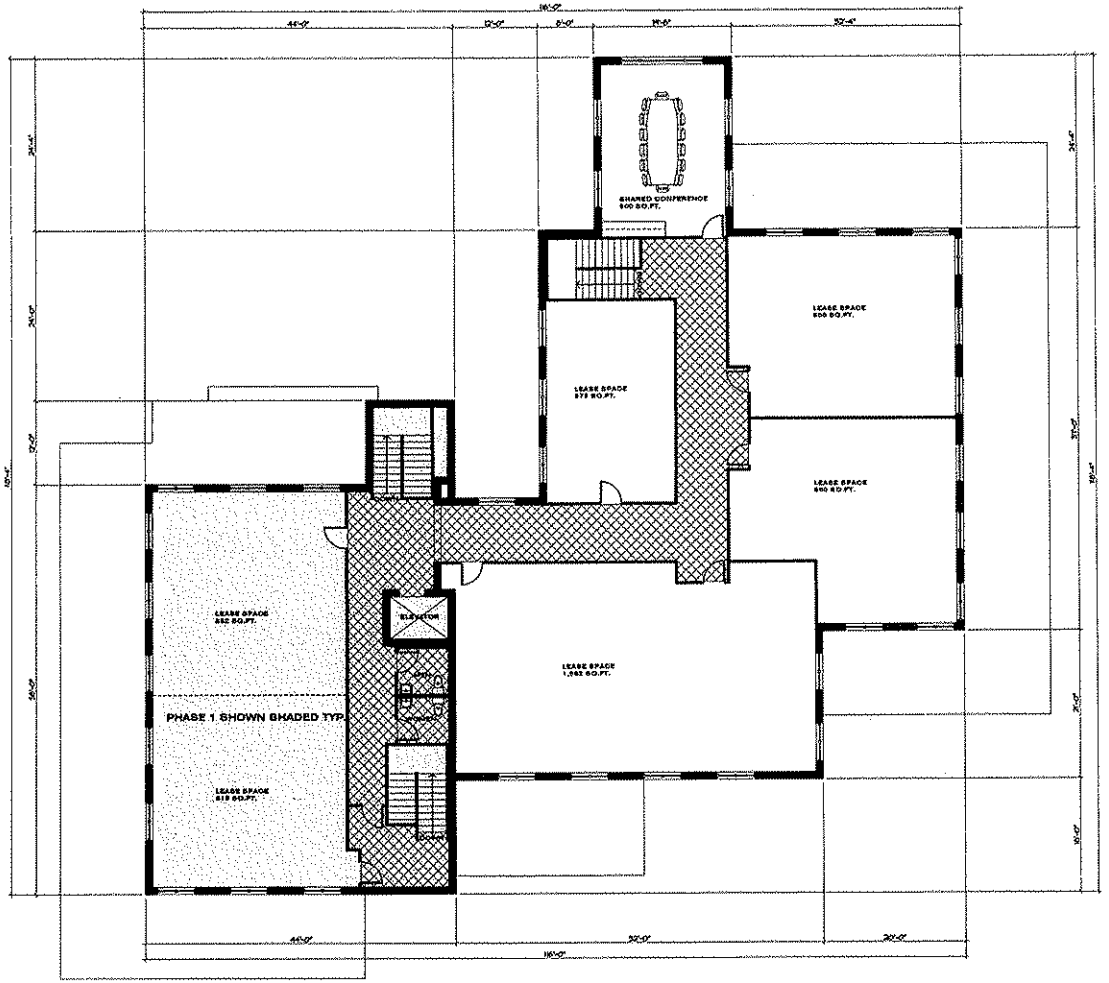
May 12, 2008 - 10:14am



PHASE II
UPPER LEVEL FLOOR PLAN

SCALE: 1/8"=1'-0"

PHASE I:	2,675 SF
LEASE SPACE:	3,883 SF
AUXILIARY:	1,562 SF
PHASE II TOTAL:	5,245 SF
PHASE I & II TOTAL:	7,920 SF

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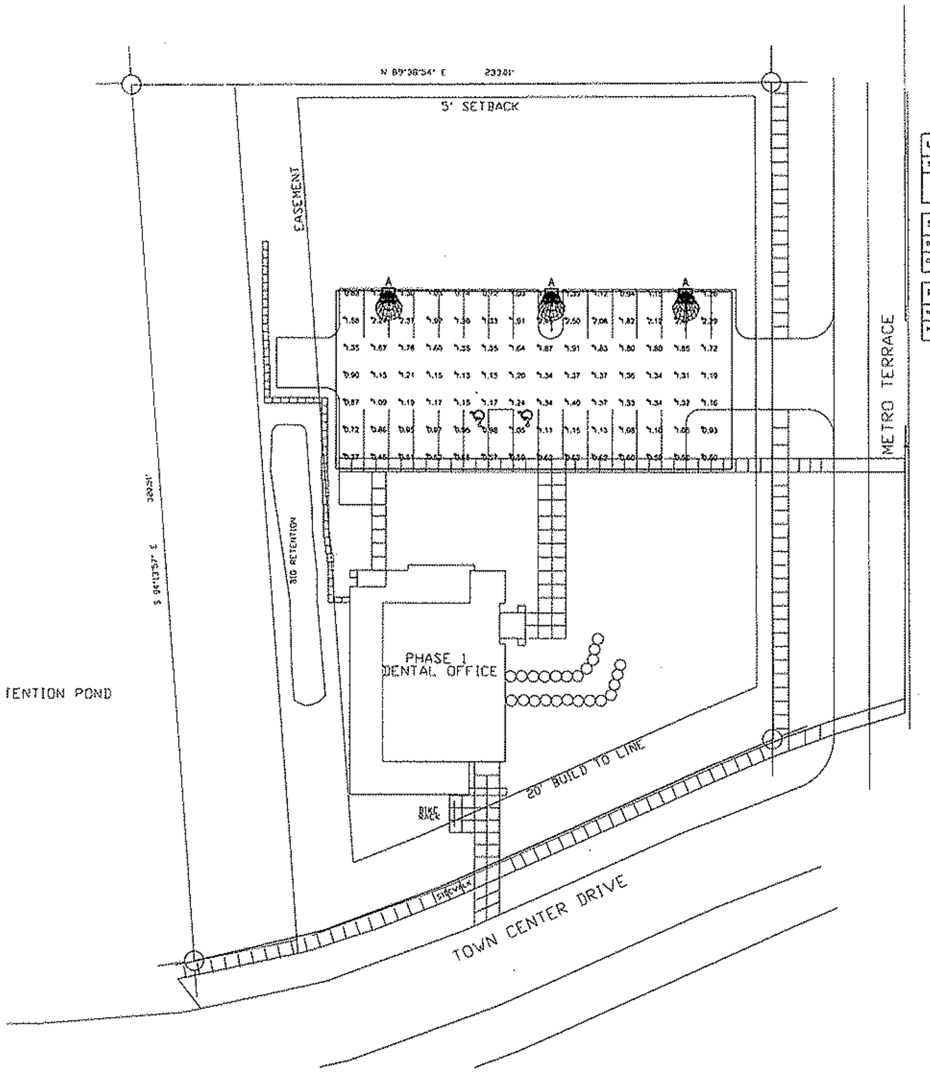


1 PARKING LOT ONLY LIGHTING CALCULATIONS
1" = 20'-0"

NORTH

LUMINAIRE SCHEDULE

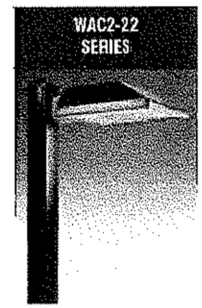
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts	Pole Height
	B	3	WAC4M3BL	22" WEDGE/AREA CUTOFF W/BACK LT. SHIELD	250W MH, ED28, CLEAR	WAC4M3BL[illegible]	17000	0.63	250	30

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG	CV	Avg/Max
Calc Zone #2	+	1.25 fc	2.50 fc	0.37 fc	6.8:1	3.4:1	1.9	0.4	0.5:1

POWER DENSITY STATISTICS

Name	# Luminaires	Total Watts	Area	Density
Power Density Zone # 1	3	750.0 W	[illegible]	0.1 W/ft²



FIXTURE "A"

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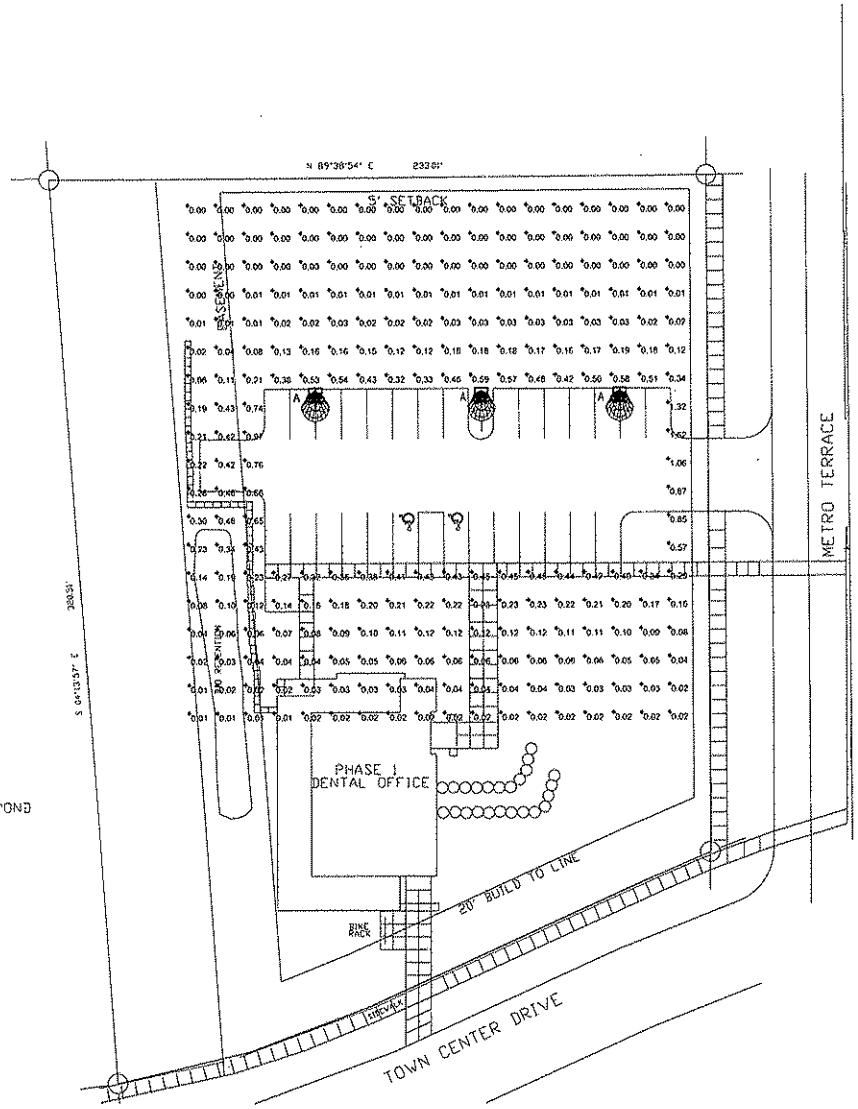
SCALE: AS NOTED
JOB NO.: D04.08.01
SHEET: E-1L



1 PARKING LOT TRESPASS AREAS
1" = 20'-0"

NORTH

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DATE	05/07/2009
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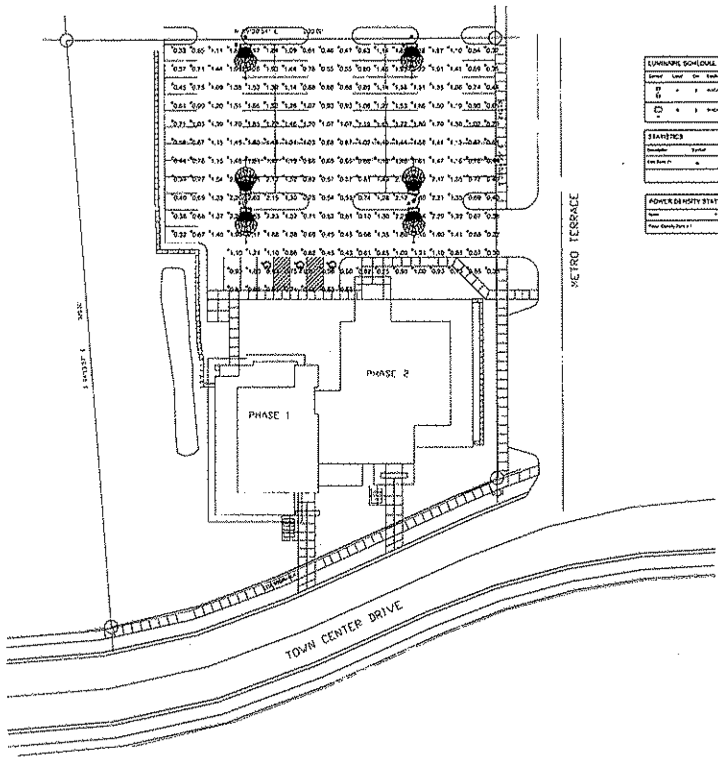
JOB NO.	D04.08.01
SHEET	**E-2L**

REVISIONS	BY



1 LIGHTING CALCULATIONS PHASE 2 (PARKING LOT)

LUMINAIRE SCHEDULE

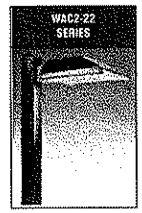
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

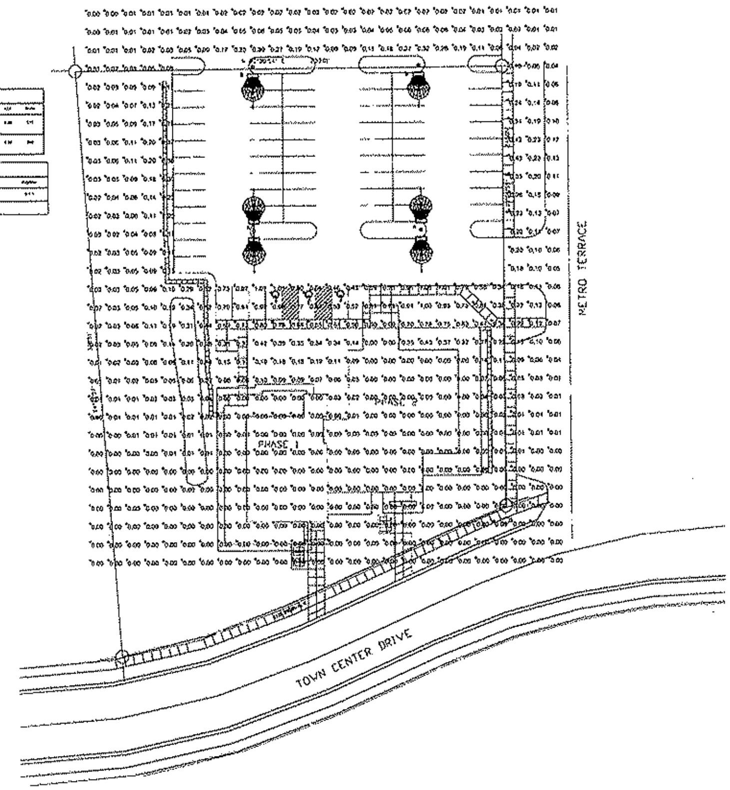
STATISTICS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

POWER DENSITY STATISTICS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]





2 LIGHTING CALCULATIONS PHASE 2 (TRESPASS)

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CHECKED BY	SU
DATE	05-12-08
SCALE	AS NOTED
JOB NO.	D04.08.01
SHEET	E-3L